

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025939.D
 Acq On : 24 Feb 2017 19:39
 Operator : SJ/MA
 Sample : PB97159BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB97159BS

Manual Integrations
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 2/27/2017 1:06:58 PM

Quant Time: Feb 24 23:14:04 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	85831	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	438698	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	298803	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	751233	20.00	ng	0.00
75) Chrysene-d12	21.66	240	760325	20.00	ng	-0.01
86) Perylene-d12	24.87	264	738027	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	777206	157.65	ng	0.00
7) Phenol-d6	7.24	99	1142061	156.55	ng	0.00
23) Nitrobenzene-d5	9.24	82	622387	89.53	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	543054	196.71	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1763627	103.14	ng	0.00
78) Terphenyl-d14	20.01	244	2535798	81.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	67161	29.81	ng	# 91
3) Pyridine	3.94	79	212450	31.64	ng	# 77
4) n-Nitrosodimethylamine	3.85	42	95250	39.45	ng	# 34
6) Aniline	7.40	93	333326	32.86	ng	# 91
8) 2-Chlorophenol	7.64	128	288740	49.28	ng	# 89
9) Benzaldehyde	7.22	77	97837	22.63	ng	# 72
10) Phenol	7.27	94	391893	49.43	ng	# 73
11) bis(2-Chloroethyl)ether	7.50	93	258422	39.66	ng	# 88
12) 1,3-Dichlorobenzene	7.97	146	270636	39.96	ng	# 90
13) 1,4-Dichlorobenzene	8.11	146	280300	40.85	ng	# 92
14) 1,2-Dichlorobenzene	8.44	146	273129	40.55	ng	# 89
15) Benzyl Alcohol	8.31	79	270812	50.69	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	355344	37.58	ng	# 90
17) 2-Methylphenol	8.51	107	277179	48.53	ng	# 84
18) Hexachloroethane	9.17	117	92049	40.48	ng	# 84
19) n-Nitroso-di-n-propylamine	8.88	70	236025	44.30	ng	# 80
20) 3+4-Methylphenols	8.84	107	401068	49.29	ng	# 85
22) Acetophenone	8.90	105	438102	41.62	ng	# 81
24) Nitrobenzene	9.28	77	312607	41.59	ng	# 80
25) Isophorone	9.80	82	681461	44.55	ng	# 92
26) 2-Nitrophenol	9.99	139	165950	47.21	ng	# 71
27) 2,4-Dimethylphenol	10.05	122	337367	51.42	ng	# 88
28) bis(2-Chloroethoxy)methane	10.28	93	404947	41.77	ng	# 99
29) 2,4-Dichlorophenol	10.53	162	328487	52.46	ng	# 95
30) 1,2,4-Trichlorobenzene	10.75	180	284119	41.72	ng	# 99
31) Naphthalene	10.94	128	935795	41.26	ng	# 99
32) Benzoic acid	10.17	122	275355	54.97	ng	# 80
33) 4-Chloroaniline	11.03	127	198874	20.19	ng	# 86
34) Hexachlorobutadiene	11.22	225	152439	39.34	ng	# 97
35) Caprolactam	11.80	113	153400m	60.66	ng	# 81
36) 4-Chloro-3-methylphenol	12.15	107	392919	52.44	ng	# 93
37) 2-Methylnaphthalene	12.53	142	764298	44.24	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	344228	45.96	ng	# 99
40) Hexachlorocyclopentadiene	12.88	237	410207	100.10	ng	# 97

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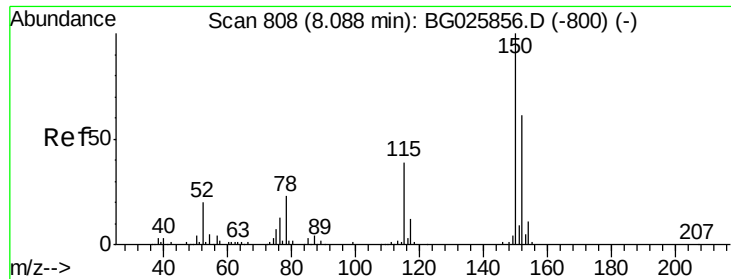
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	285956	59.12	ng	97
43) 2,4,5-Trichlorophenol	13.20	196	310141	56.48	ng	94
45) 1,1'-Biphenyl	13.53	154	1044066	48.22	ng	98
46) 2-Chloronaphthalene	13.57	162	754697	48.21	ng	99
47) 2-Nitroaniline	13.76	65	276540	55.70	ng	# 71
48) Acenaphthylene	14.41	152	1358230	48.73	ng	99
49) Dimethylphthalate	14.14	163	1094231	53.38	ng	98
50) 2,6-Dinitrotoluene	14.25	165	252964	54.94	ng	# 71
51) Acenaphthene	14.75	154	897172	48.74	ng	96
52) 3-Nitroaniline	14.58	138	168706	32.75	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	317683	131.84	ng	# 86
54) Dibenzofuran	15.08	168	1321298	53.84	ng	91
55) 4-Nitrophenol	14.88	139	503465	120.11	ng	# 48
56) 2,4-Dinitrotoluene	15.04	165	363317	58.65	ng	# 79
57) Fluorene	15.73	166	1114984	50.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	305901	63.15	ng	97
59) Diethylphthalate	15.49	149	1168275	55.10	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	523458	51.52	ng	92
61) 4-Nitroaniline	15.74	138	301111	56.39	ng	# 53
62) Azobenzene	16.01	77	1043286	57.24	ng	87
64) 4,6-Dinitro-2-methylphenol	15.80	198	212311	48.29	ng	91
65) n-Nitrosodiphenylamine	15.93	169	1031657	45.28	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	355913	45.20	ng	98
67) Hexachlorobenzene	16.73	284	369309	45.51	ng	94
68) Atrazine	16.87	200	382208	47.40	ng	97
69) Pentachlorophenol	17.07	266	500375	99.96	ng	97
70) Phenanthrene	17.46	178	1807956	44.33	ng	98
71) Anthracene	17.55	178	1861007	44.76	ng	99
72) Carbazole	17.81	167	1749460	41.89	ng	98
73) Di-n-butylphthalate	18.37	149	1988249	48.49	ng	# 94
74) Fluoranthene	19.45	202	1998011	44.50	ng	95
76) Benzidine	19.62	184	827572	34.48	ng	97
77) Pyrene	19.82	202	2013995	41.88	ng	99
79) Butylbenzylphthalate	20.69	149	895430	49.07	ng	88
80) Benzo(a)anthracene	21.65	228	1952681	43.99	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	477734	30.19	ng	# 97
82) Chrysene	21.71	228	1774552	41.57	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1272891	48.31	ng	97
84) Di-n-octyl phthalate	22.76	149	2225530	51.14	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.54	276	2336385	46.47	ng	# 87
87) Benzo(b)fluoranthene	23.86	252	2025942	45.83	ng	# 95
88) Benzo(k)fluoranthene	23.93	252	1906851	44.21	ng	# 94
89) Benzo(a)pyrene	24.72	252	1925241	46.00	ng	# 95
90) Dibenzo(a,h)anthracene	28.60	278	1936264	46.05	ng	# 93
91) Benzo(g,h,i)perylene	29.68	276	1925513	45.67	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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BNA_G

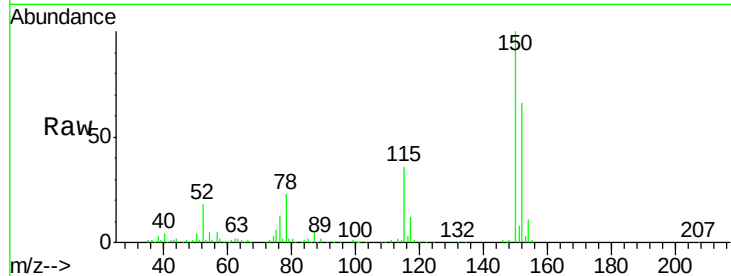
ClientSampleId :

PB97159BS

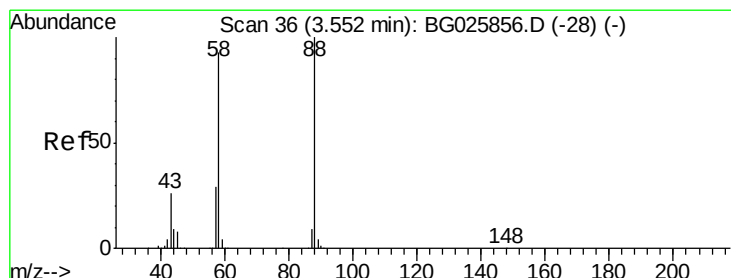
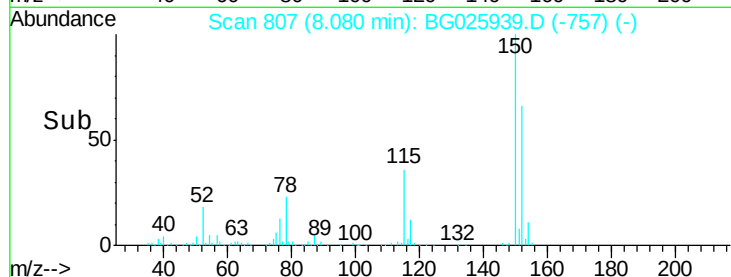
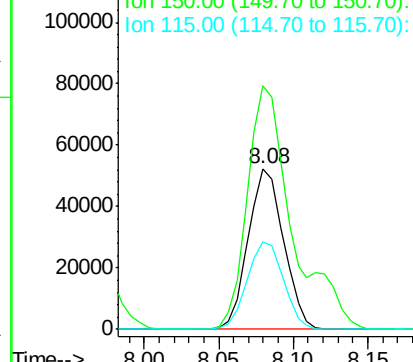
Tgt Ion:	152	Resp:	85831
Ion Ratio	Lower	Upper	
152	100		
150	151.5	114.0	171.0
115	54.7	48.1	72.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.81 ng

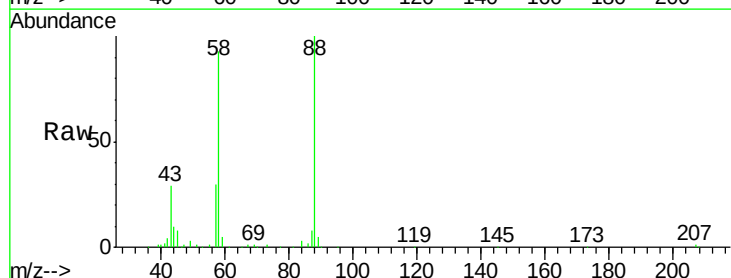
RT: 3.54 min Scan# 34

Delta R.T. -0.01 min

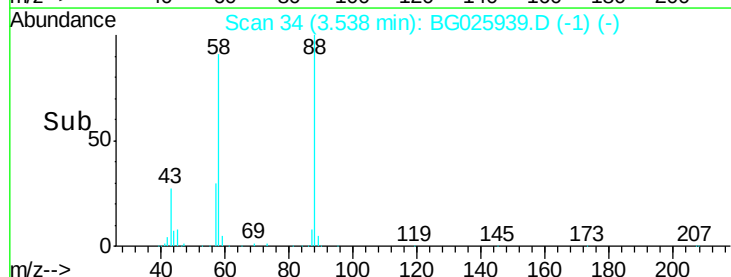
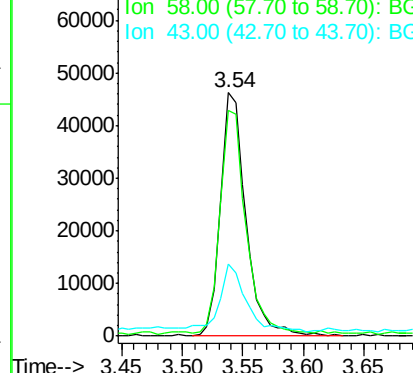
Lab File: BG025939.D

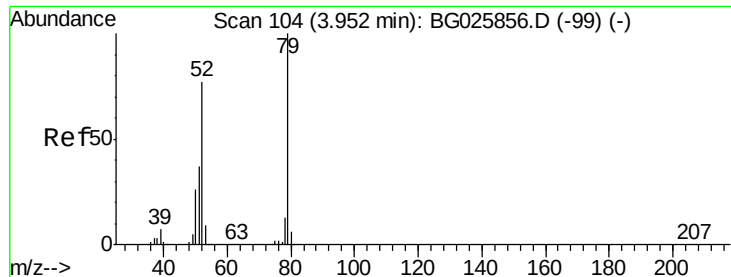
Acq: 24 Feb 2017 19:39

Tgt Ion:	88	Resp:	67161
Ion Ratio	Lower	Upper	
88	100		
58	95.2	79.4	119.2
43	29.7	33.8	50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.64 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

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Tgt Ion: 79 Resp: 212450

Ion Ratio Lower Upper

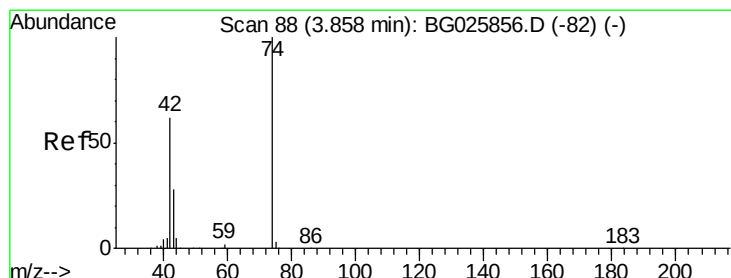
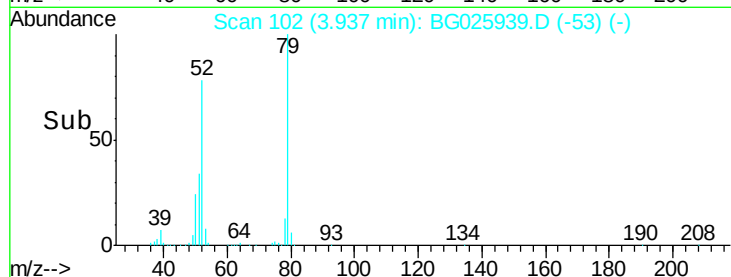
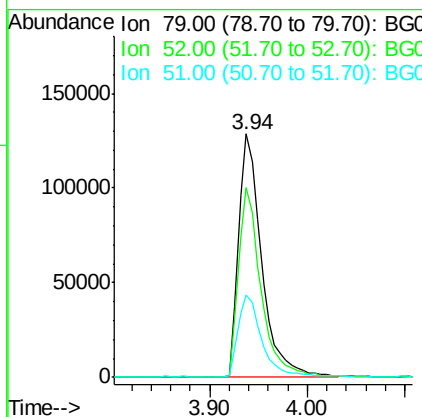
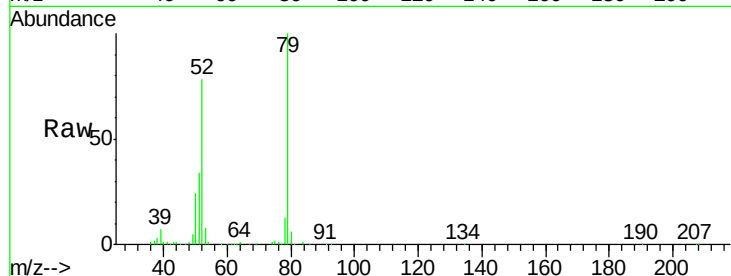
79 100

52 78.0 77.8 116.6

51 34.0 43.2 64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.45 ng

RT: 3.85 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

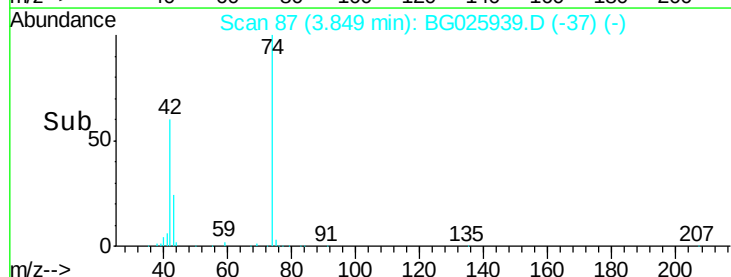
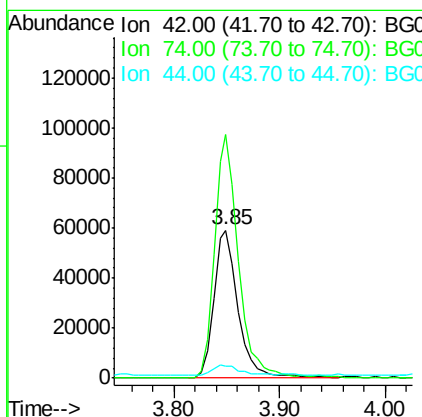
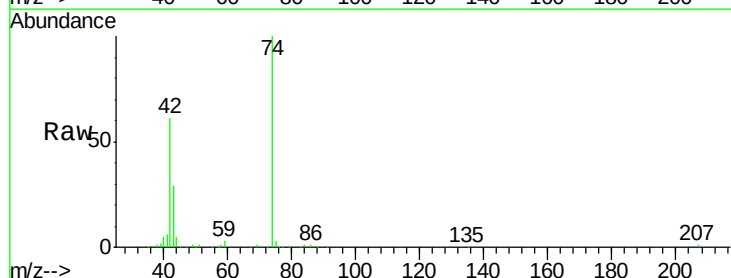
Tgt Ion: 42 Resp: 95250

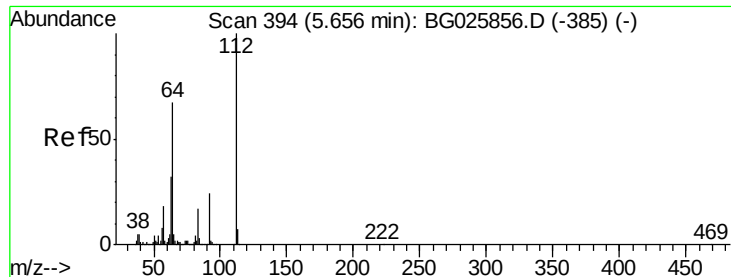
Ion Ratio Lower Upper

42 100

74 164.9 76.7 115.1#

44 8.1 6.1 9.1





#5

2-Fluorophenol

Concen: 157.65 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

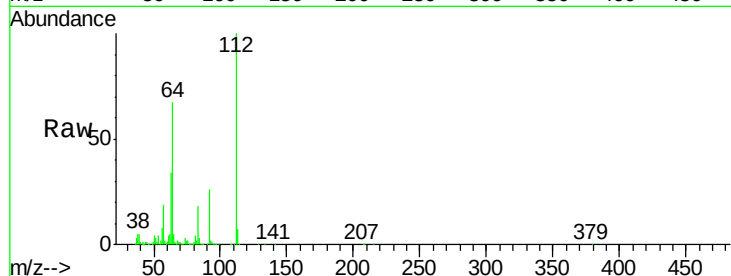
ClientSampleId :

PB97159BS

Tgt Ion:	112	Resp:	777206
Ion Ratio	Lower	Upper	
112	100		
64	67.0	61.8	92.6
63	33.8	37.2	55.8#

Manual Integrations
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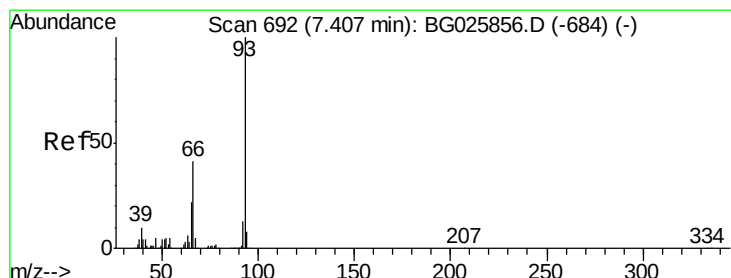
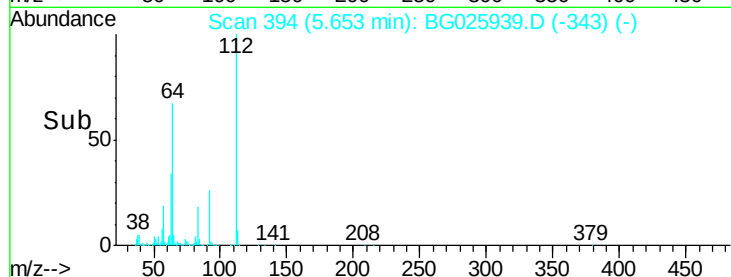
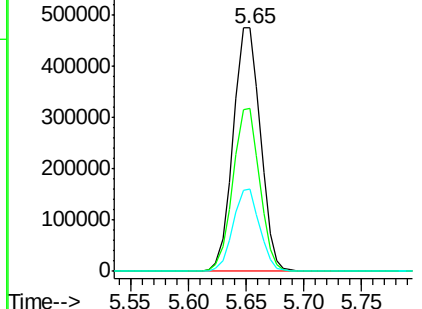
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.86 ng

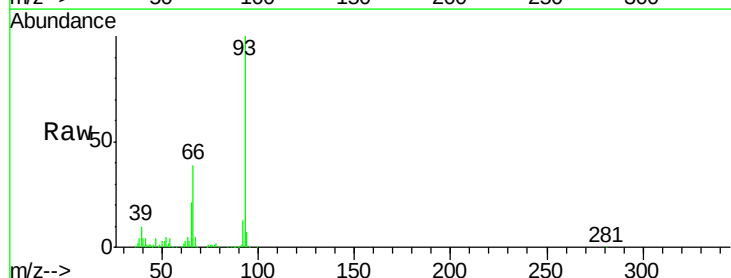
RT: 7.40 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

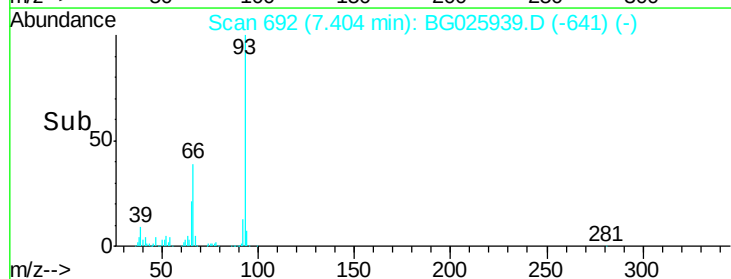
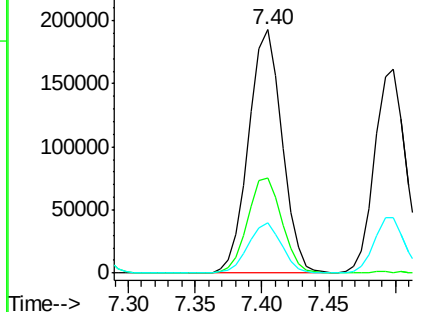
Tgt Ion:	93	Resp:	333326
Ion Ratio	Lower	Upper	
93	100		
66	39.0	35.4	53.2
65	20.8	21.2	31.8#

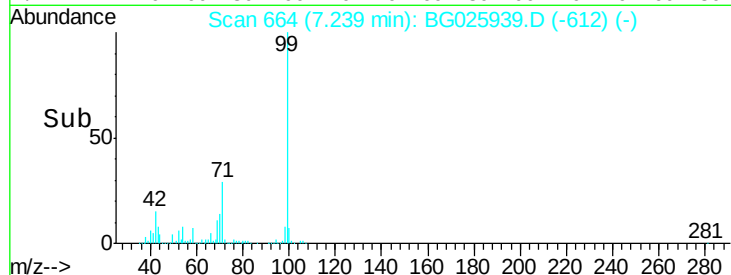
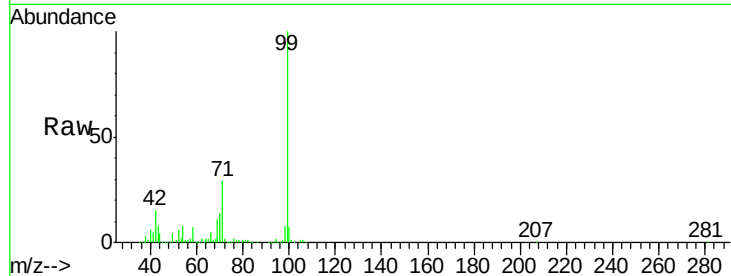
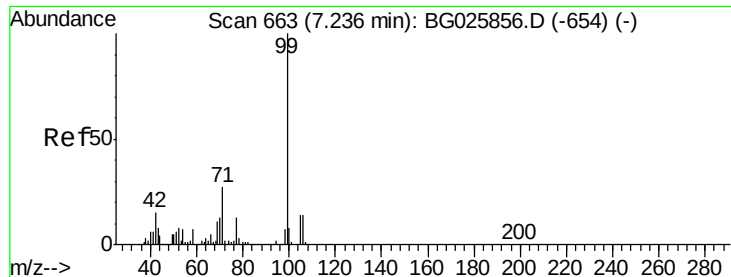


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.55 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion:	99	Resp:	1142061
Ion	Ratio	Lower	Upper
99	100		
42	15.1	20.5	30.7#
71	29.1	37.6	56.4#

Instrument :

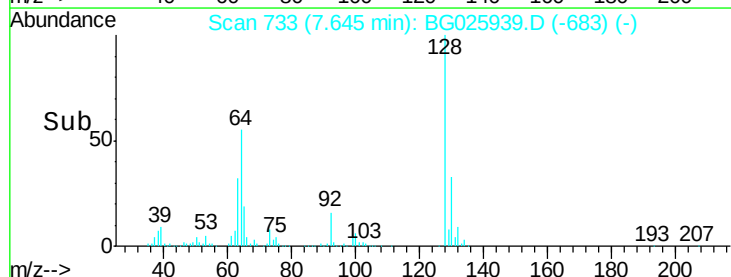
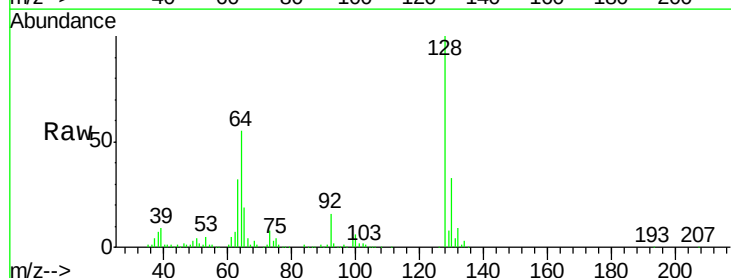
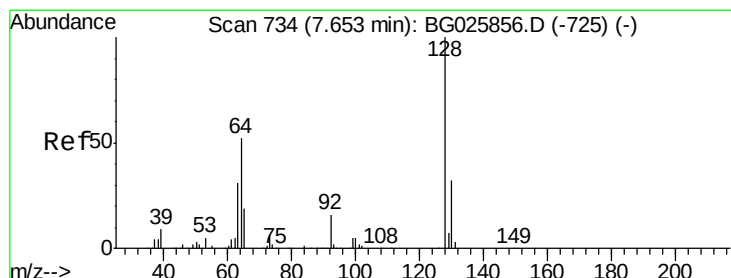
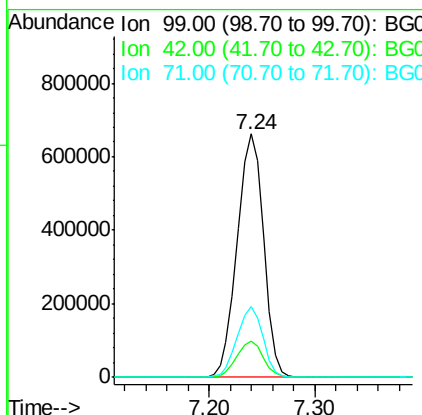
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#8

2-Chlorophenol

Concen: 49.28 ng

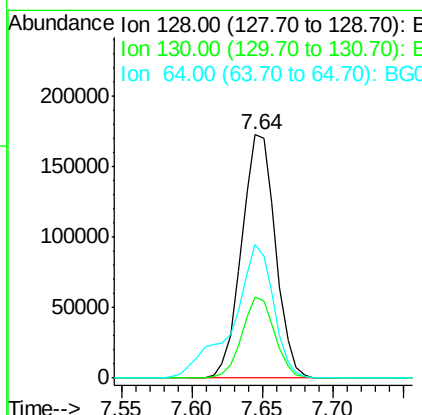
RT: 7.64 min Scan# 733

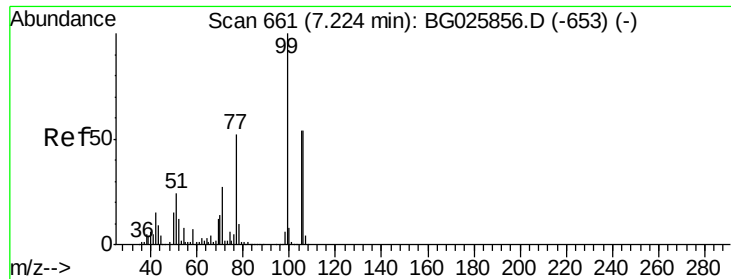
Delta R.T. -0.01 min

Lab File: BG025939.D

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Tgt Ion:	128	Resp:	288740
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.4	51.4
64	54.8	46.6	86.6





#9

Benzaldehyde

Concen: 22.63 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

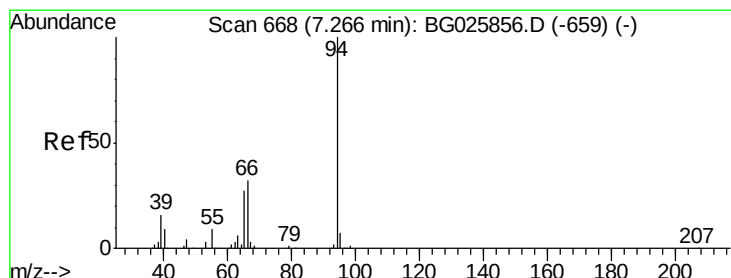
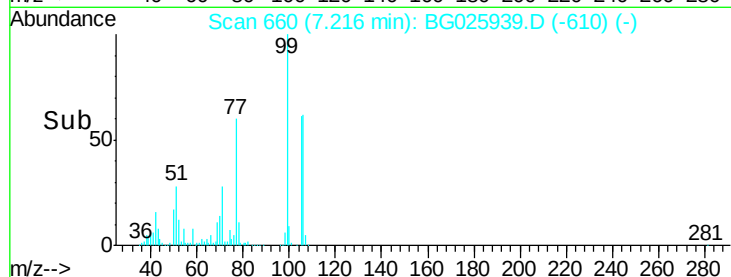
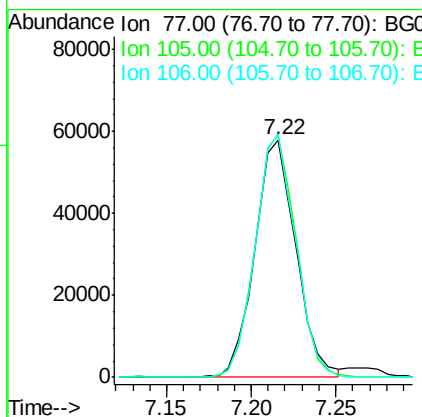
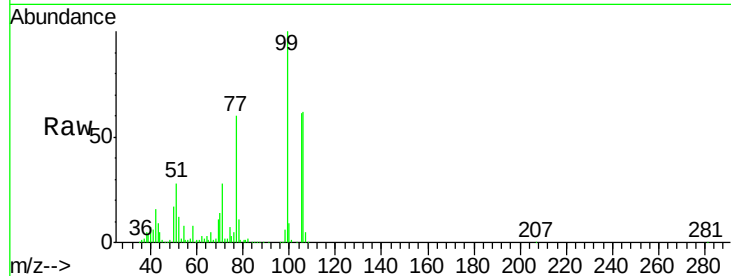
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.9	60.9	100.9#
106	102.5	55.1	95.1#

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#10

Phenol

Concen: 49.43 ng

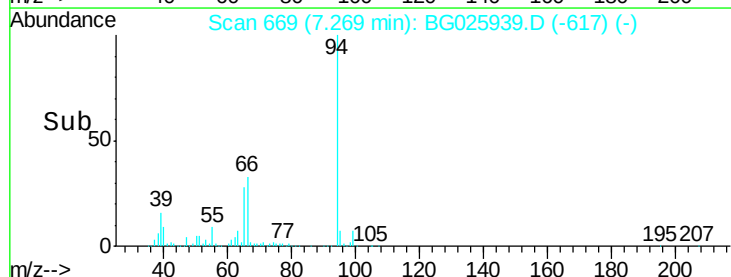
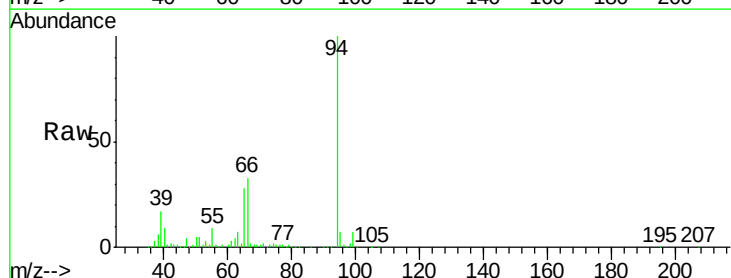
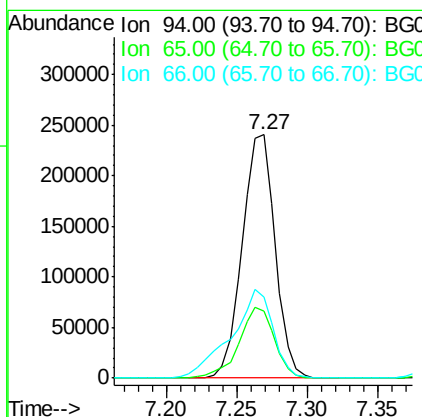
RT: 7.27 min Scan# 669

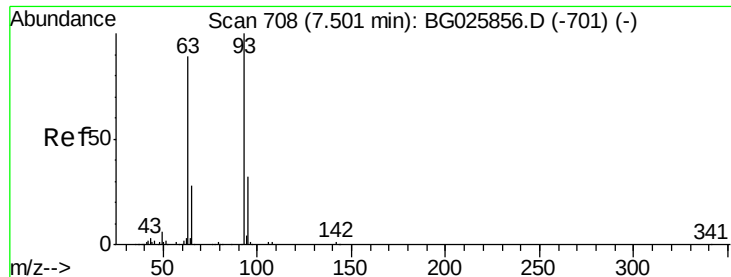
Delta R.T. 0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	20.6	60.6
66	33.3	35.5	75.5#





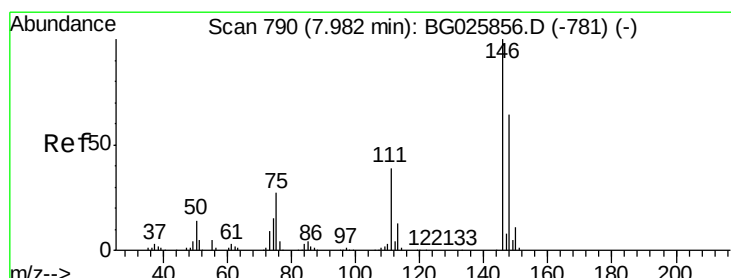
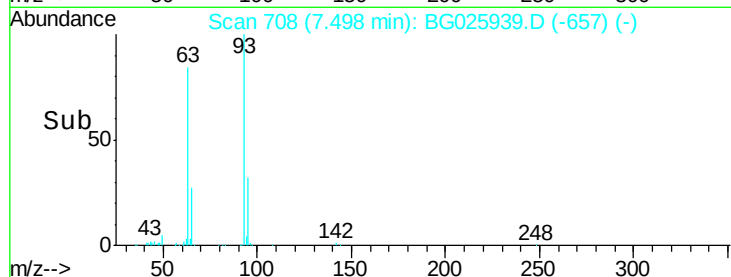
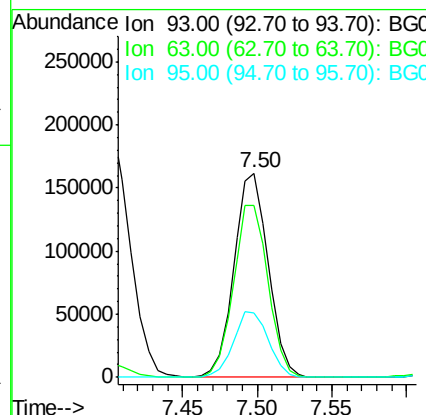
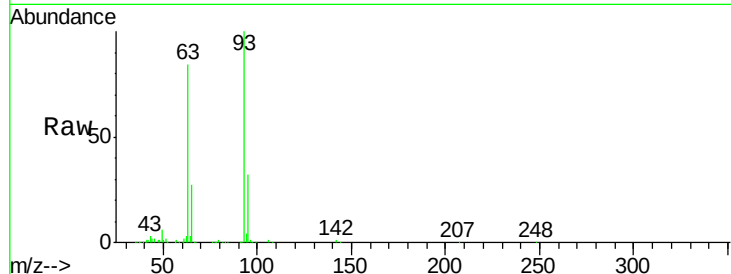
#11
bis(2-Chloroethyl)ether
Concen: 39.66 ng
RT: 7.50 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampled :
PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	258422		
63	84.4	78.5	118.5	
95	31.7	9.8	49.8	

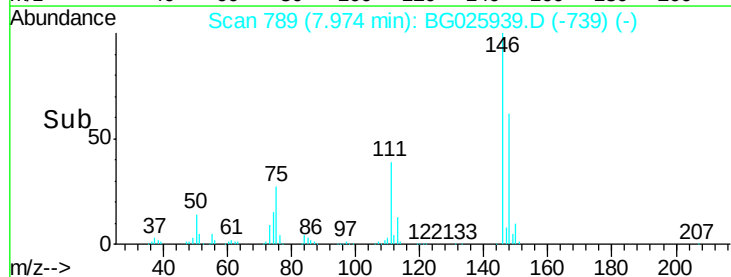
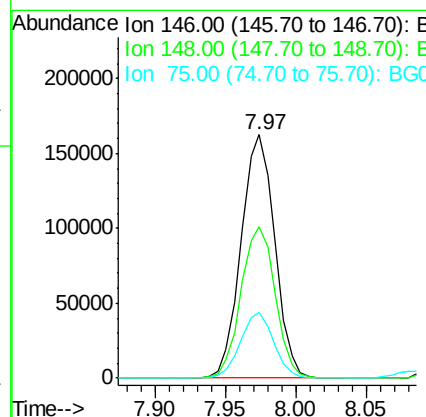
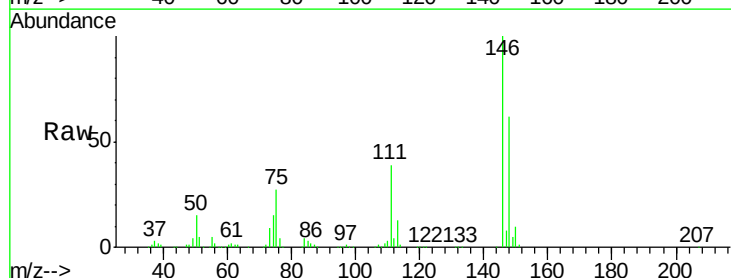
Manual Integrations
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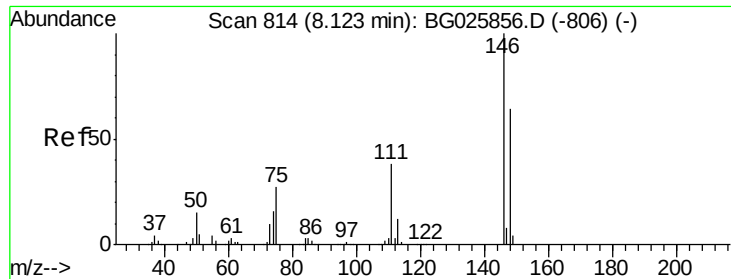
mohammad
2/27/2017 1:06:58 PM



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 7.97 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	270636		
148	62.3	49.2	73.8	
75	26.8	33.4	50.2	





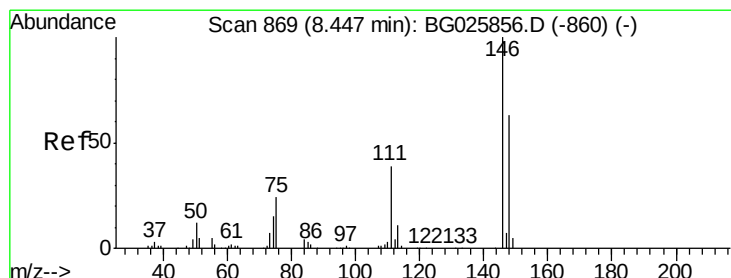
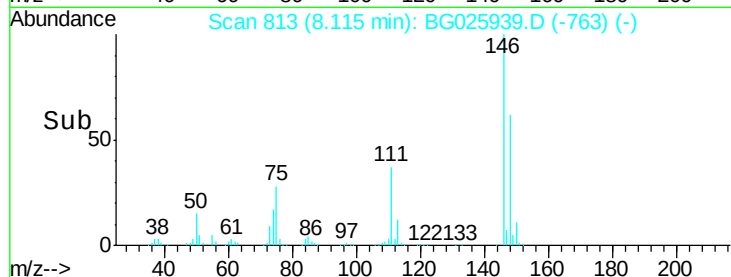
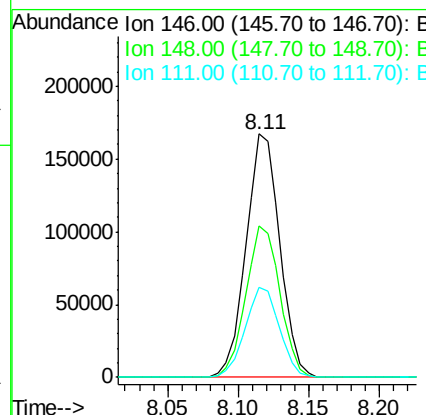
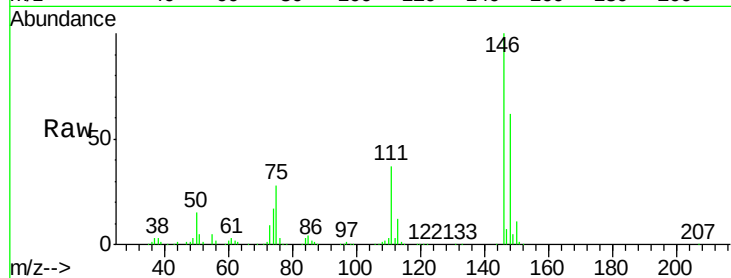
#13
 1,4-Dichlorobenzene
 Concen: 40.85 ng
 RT: 8.11 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280300		
148	62.1	52.2	78.2	
111	37.0	37.0	55.6	

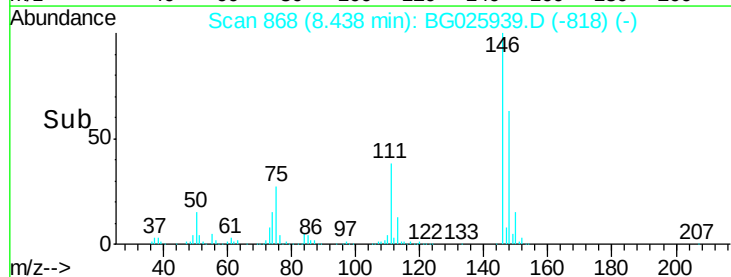
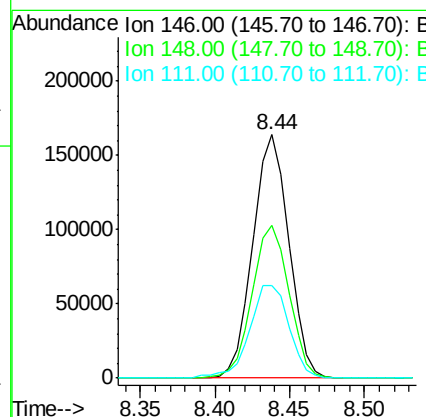
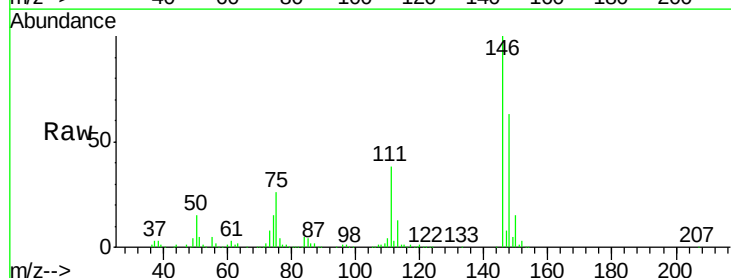
Manual Integrations
 APPROVED

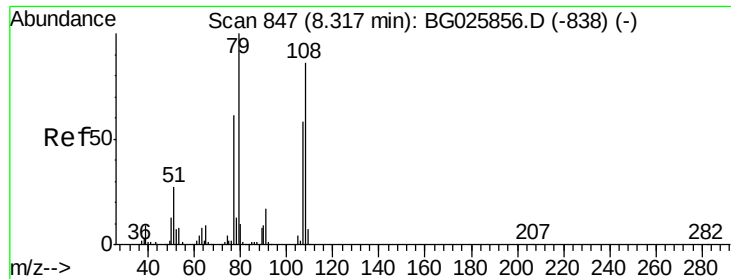
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.55 ng
 RT: 8.44 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273129		
148	62.8	54.6	81.8	
111	38.3	39.7	59.5	





#15

Benzyl Alcohol

Concen: 50.69 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion: 79 Resp: 270812

Ion Ratio Lower Upper

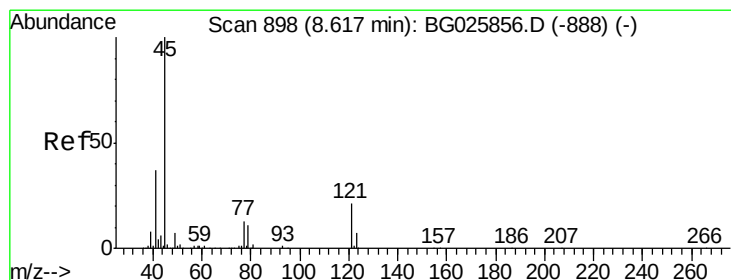
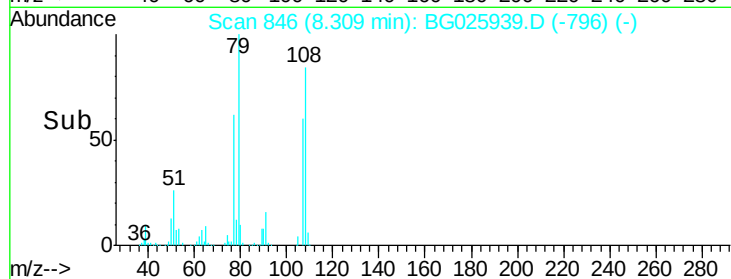
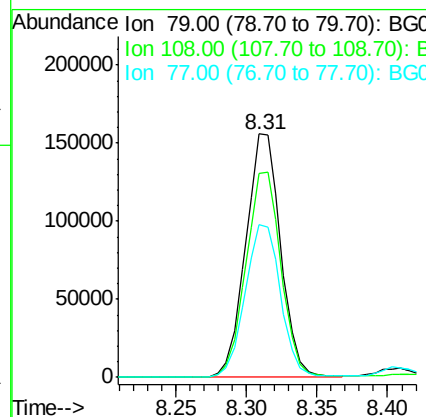
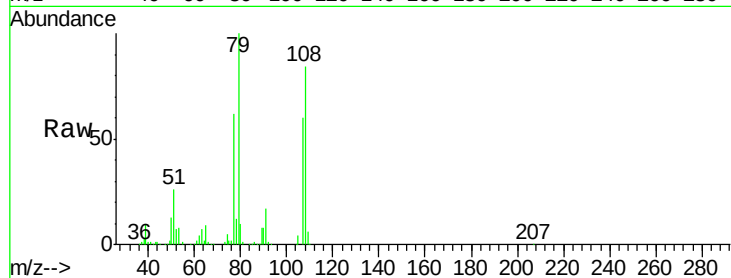
79 100

108 83.5 45.5 68.3#

77 62.5 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.58 ng

RT: 8.61 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

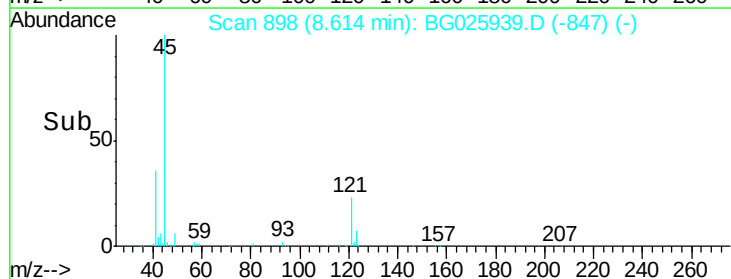
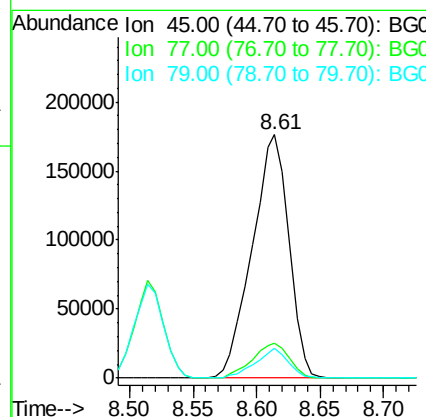
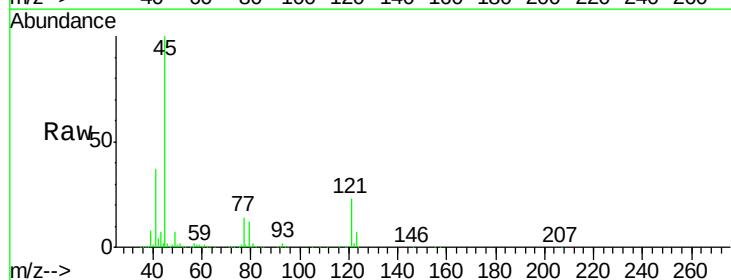
Tgt Ion: 45 Resp: 355344

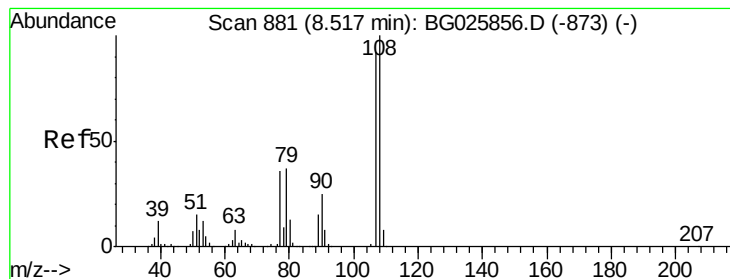
Ion Ratio Lower Upper

45 100

77 14.5 0.0 30.6

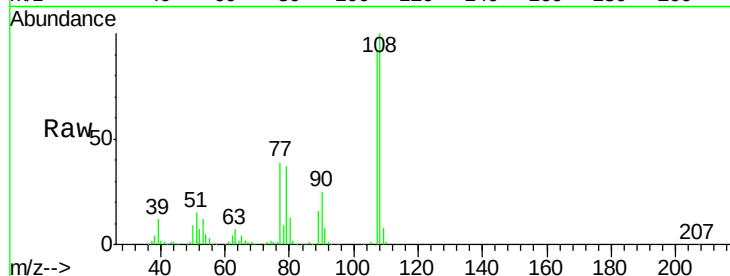
79 12.2 0.0 28.5





#17
2-Methylphenol
Concen: 48.53 ng
RT: 8.51 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

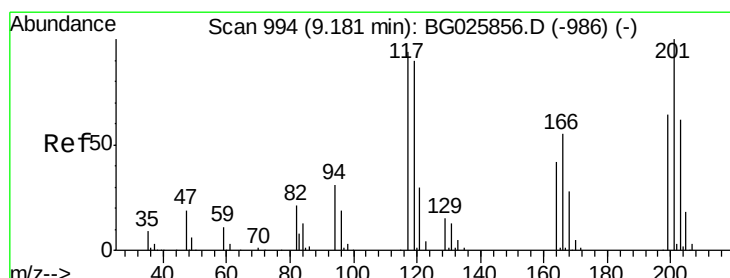
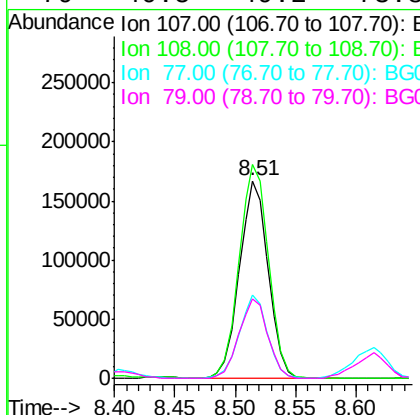
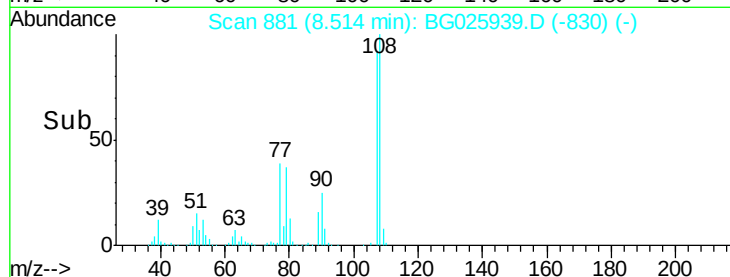
Instrument :
BNA_G
ClientSampleId :
PB97159BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	277179		
108	108.3	85.6	128.4	
77	42.1	51.4	77.2#	
79	40.5	49.2	73.8#	

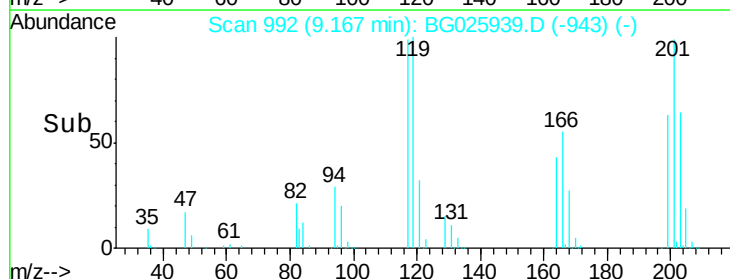
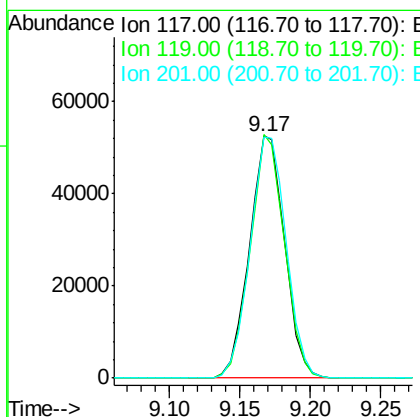
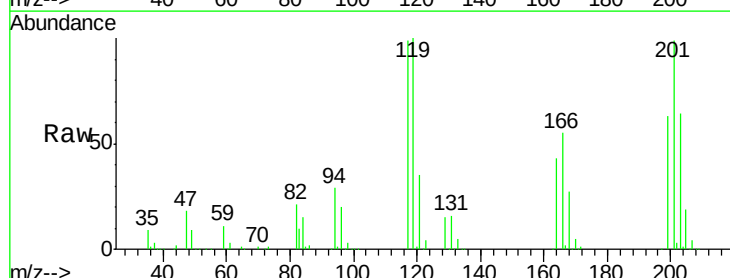
Manual Integrations
APPROVED

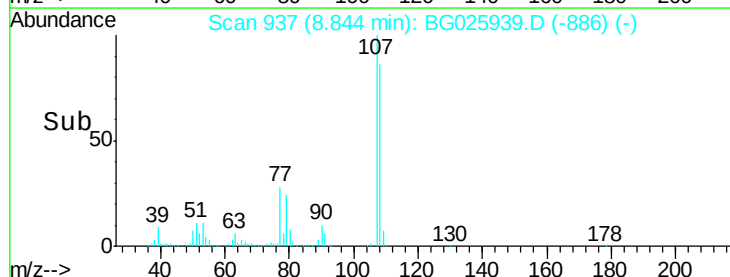
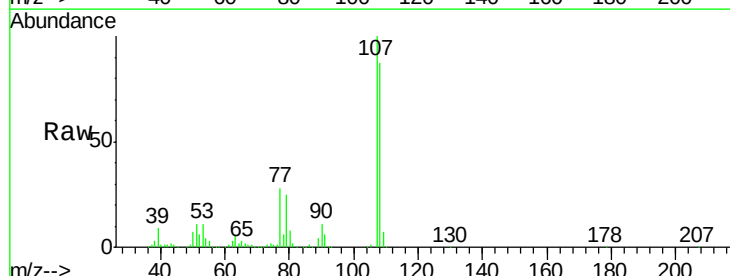
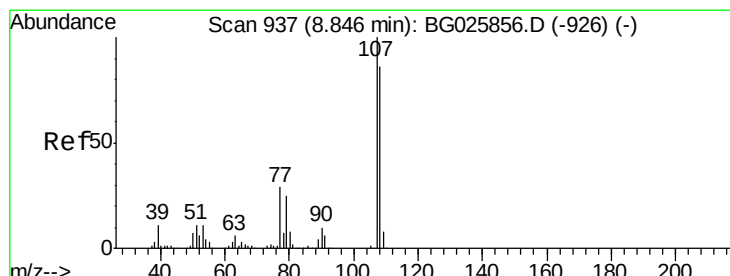
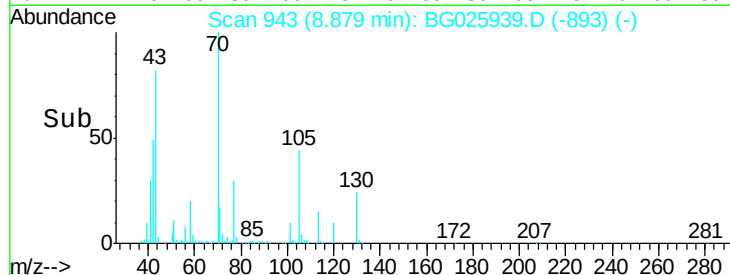
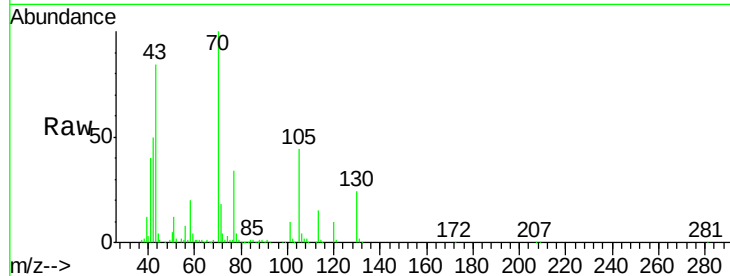
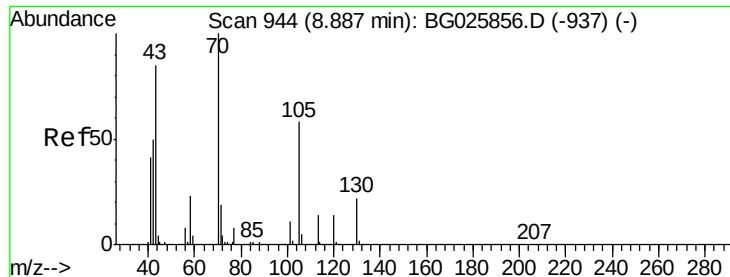
mohammad
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#18
Hexachloroethane
Concen: 40.48 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92049		
119	100.6	69.8	104.6	
201	99.4	95.4	143.0	





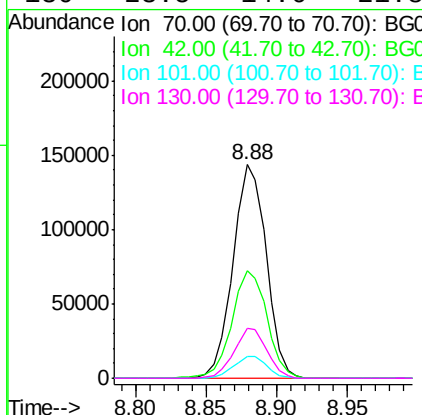
#19
n-Nitroso-di-n-propylamine
Concen: 44.30 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.4	56.1	84.1#
101	10.1	7.5	11.3
130	23.5	14.6	21.8#

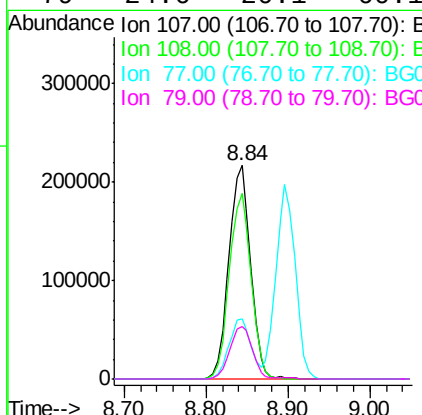
Manual Integrations
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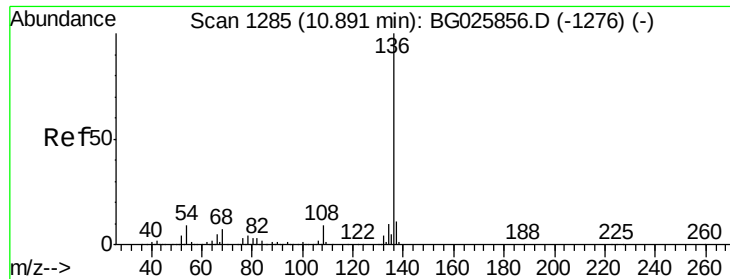
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#20
3+4-Methylphenols
Concen: 49.29 ng
RT: 8.84 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	70.8	110.8
77	27.9	25.8	65.8
79	24.6	20.1	60.1





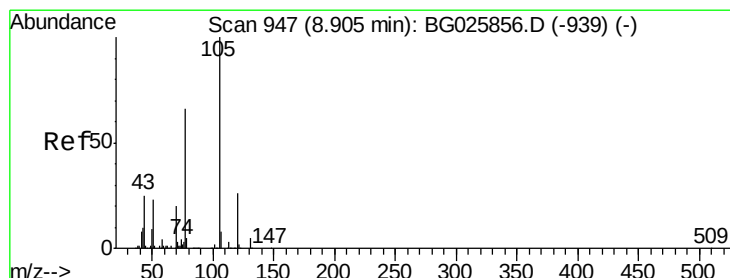
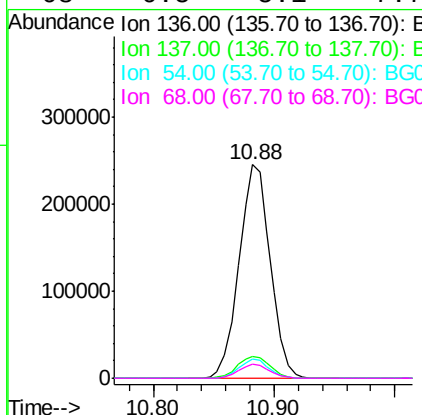
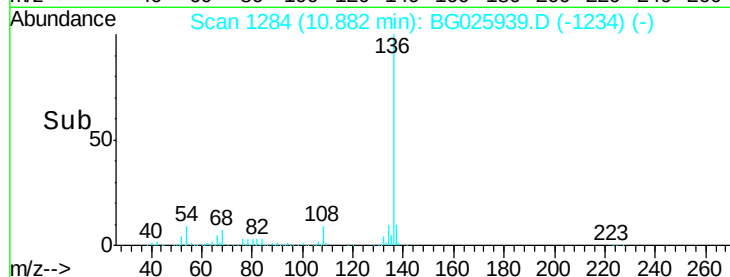
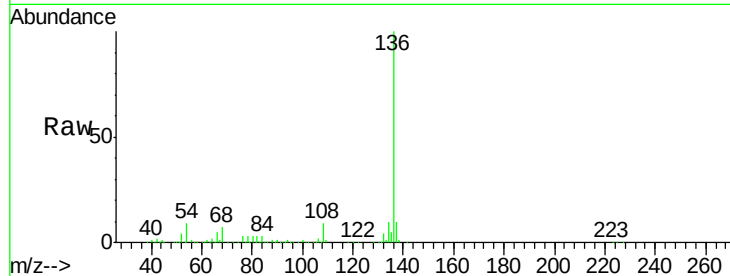
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.2	8.9	13.3
54	8.7	9.3	13.9#
68	6.5	5.1	7.7

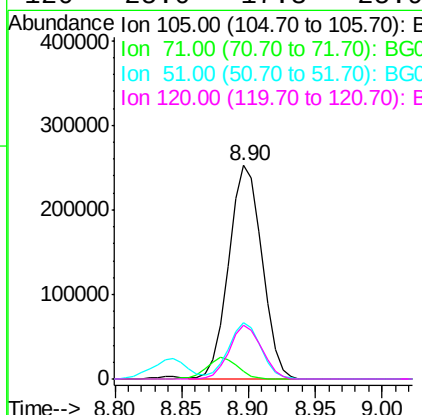
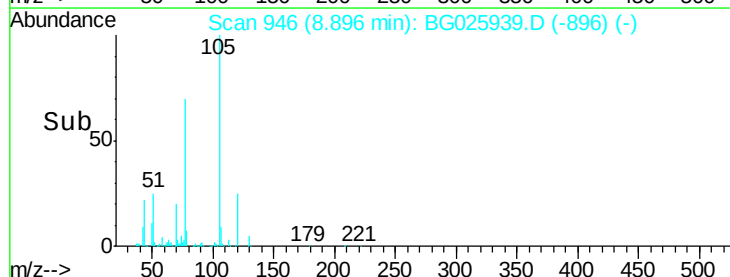
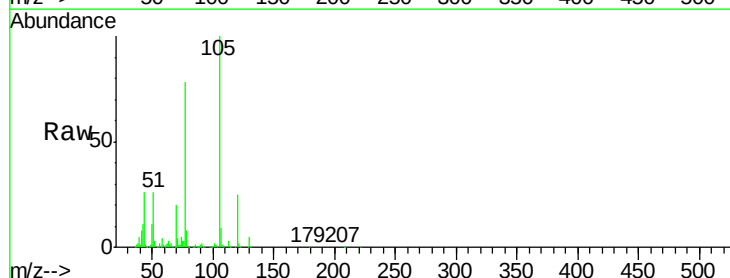
Manual Integrations
APPROVED

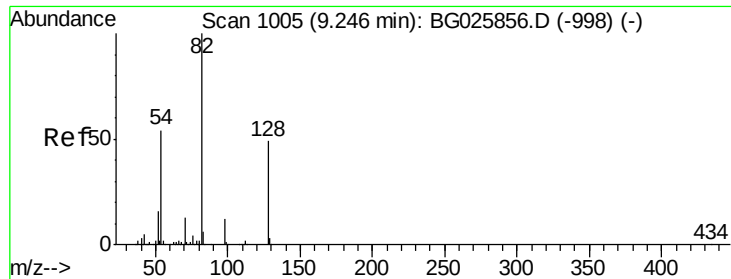
mohammad
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#22
Acetophenone
Concen: 41.62 ng
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.5	0.9	1.3#
51	26.4	34.0	51.0#
120	25.0	17.3	25.9





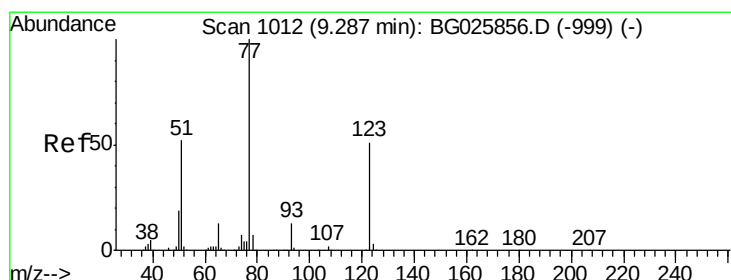
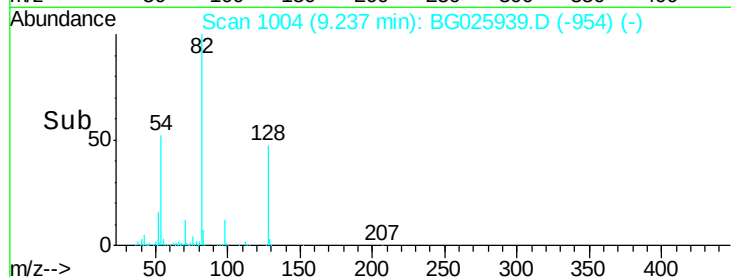
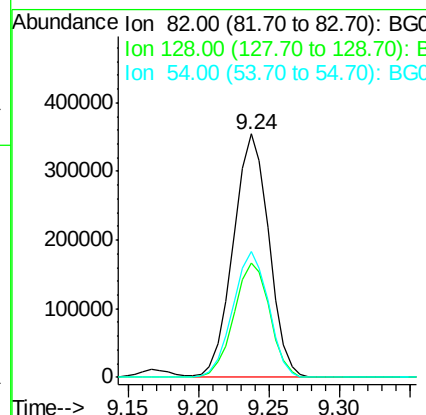
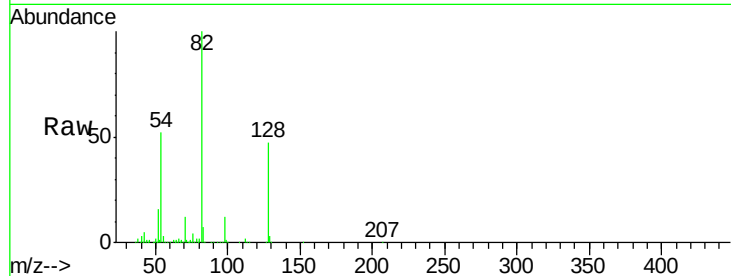
#23
 Nitrobenzene-d5
 Concen: 89.53 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	26.4	39.6#
54	51.9	49.4	74.2

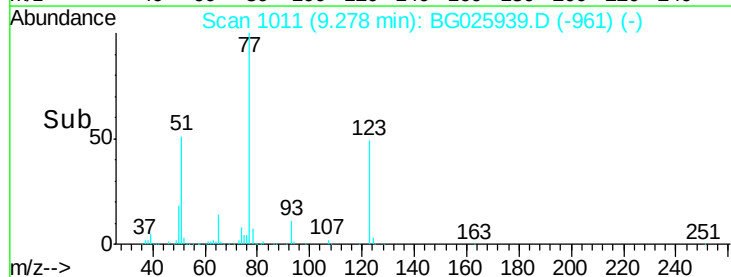
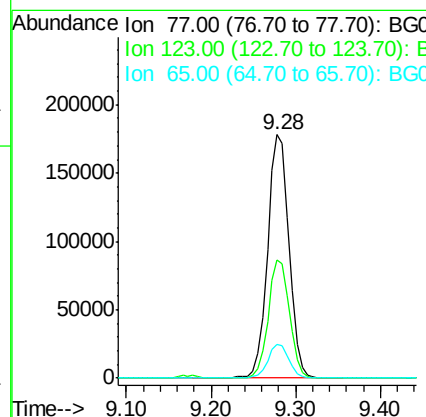
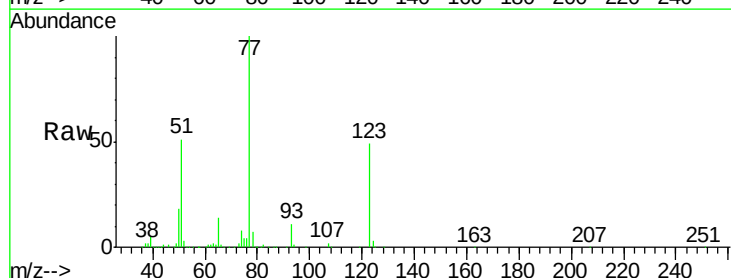
Manual Integrations
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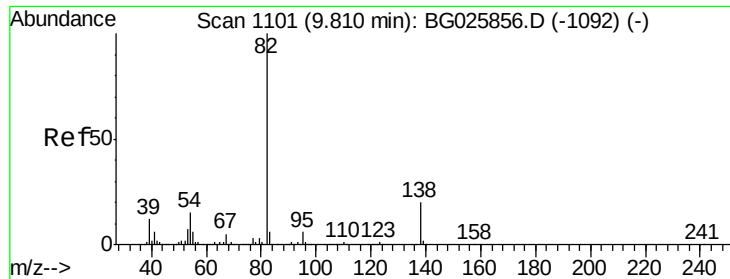
mohammad
 2/27/2017 1:06:58 PM



#24
 Nitrobenzene
 Concen: 41.59 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	26.1	39.1#
65	14.1	12.4	18.6





#25

Isophorone

Concen: 44.55 ng

RT: 9.80 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

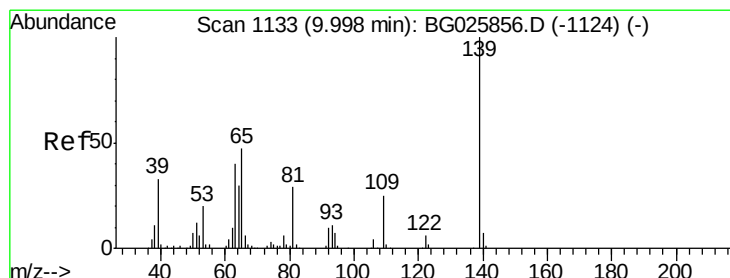
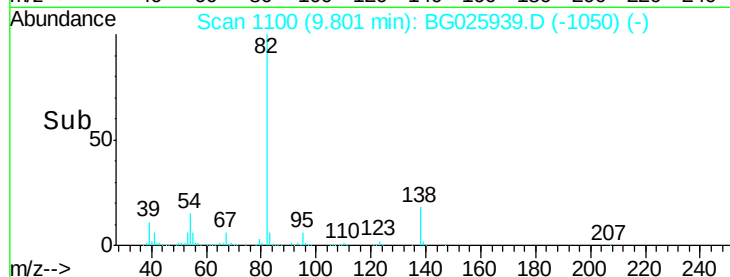
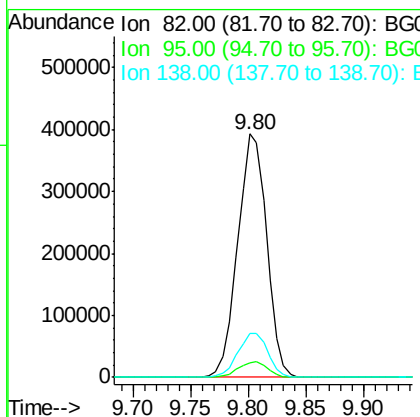
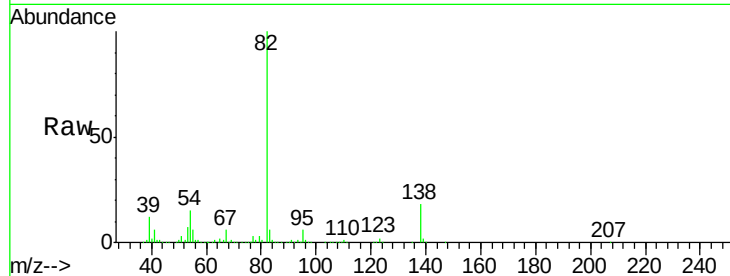
ClientSampled :

PB97159BS

Tgt Ion:	82	Resp:	681461
Ion Ratio	Lower	Upper	
82	100		
95	6.1	7.5	11.3#
138	18.3	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.21 ng

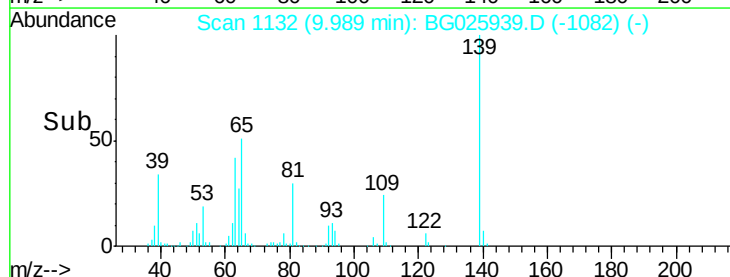
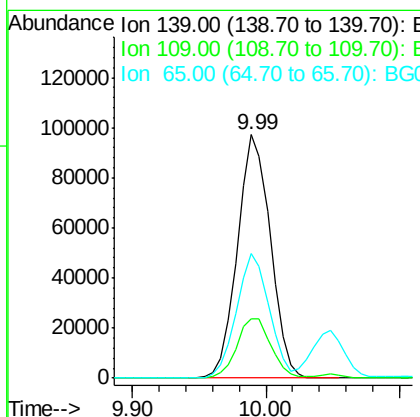
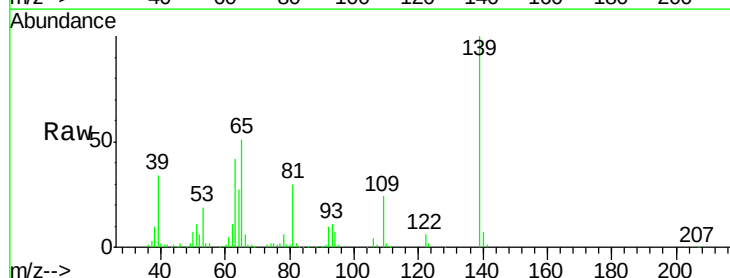
RT: 9.99 min Scan# 1132

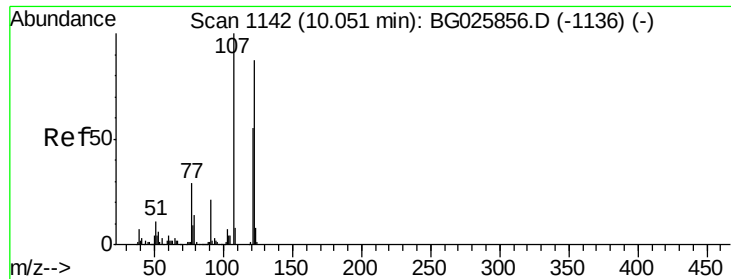
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion:	139	Resp:	165950
Ion Ratio	Lower	Upper	
139	100		
109	24.3	38.6	58.0#
65	51.3	57.1	85.7#





#27

2,4-Dimethylphenol

Concen: 51.42 ng

RT: 10.05 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

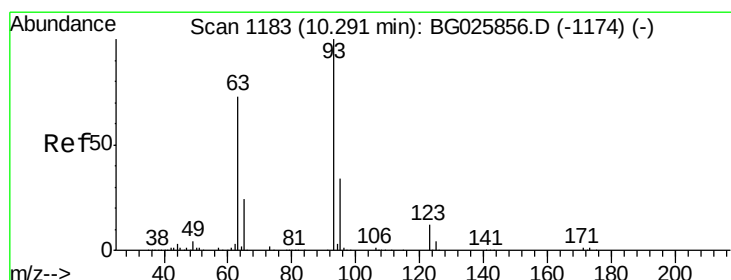
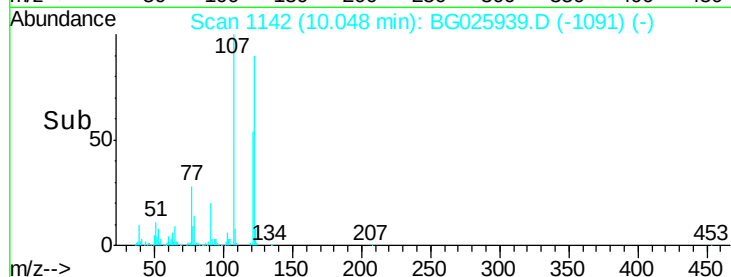
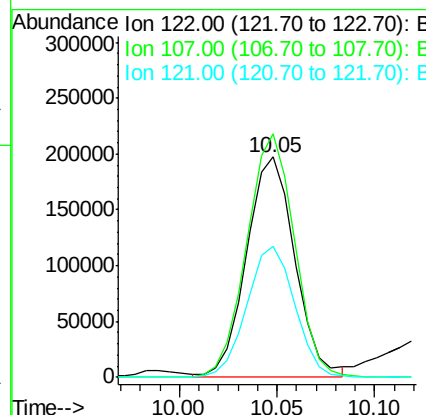
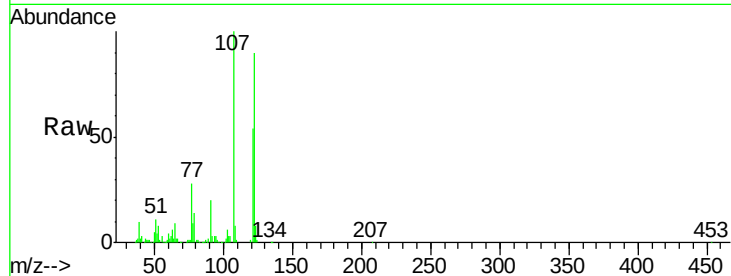
ClientSampleId :

PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	337367		
107	110.5	104.2	156.4	
121	59.2	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.77 ng

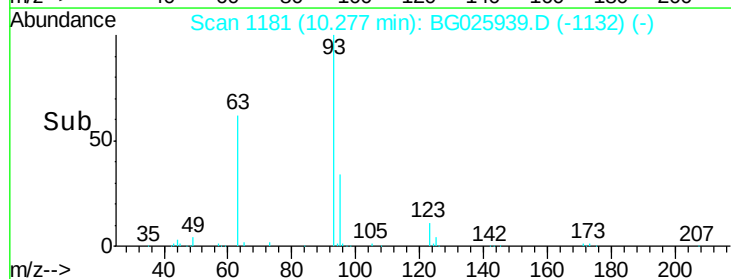
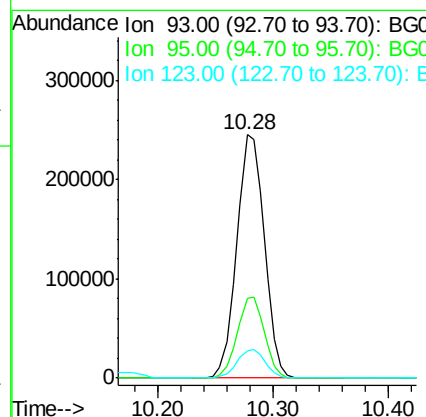
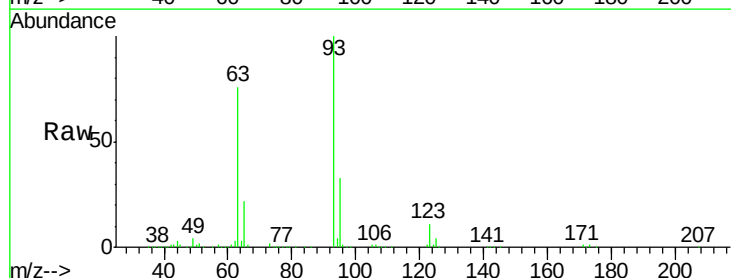
RT: 10.28 min Scan# 1181

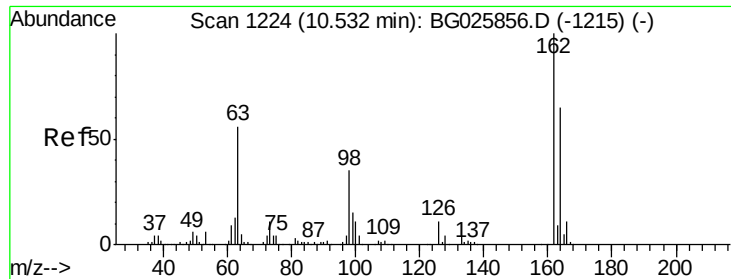
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	404947		
95	32.5	25.7	38.5	
123	11.4	8.3	12.5	





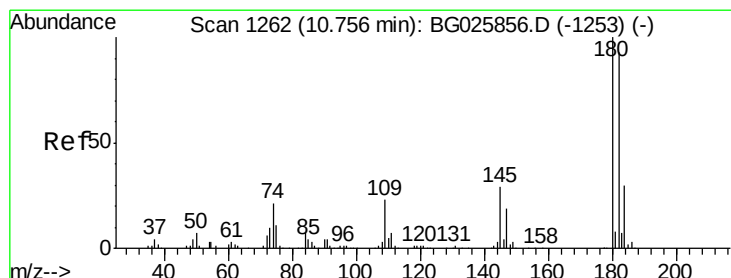
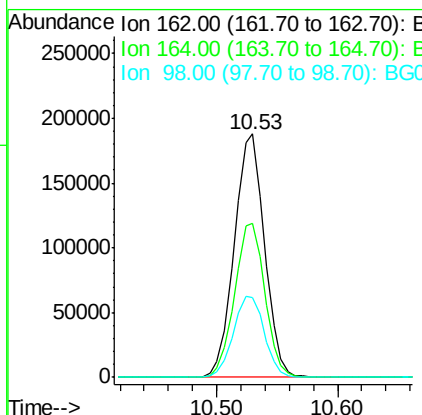
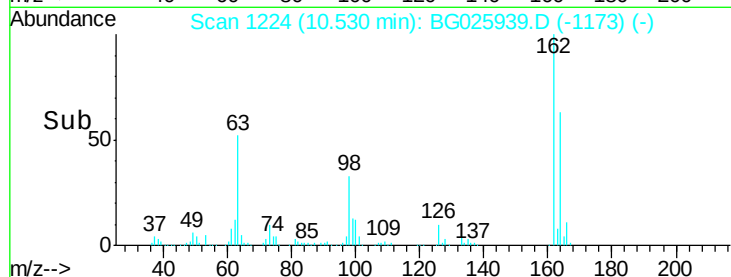
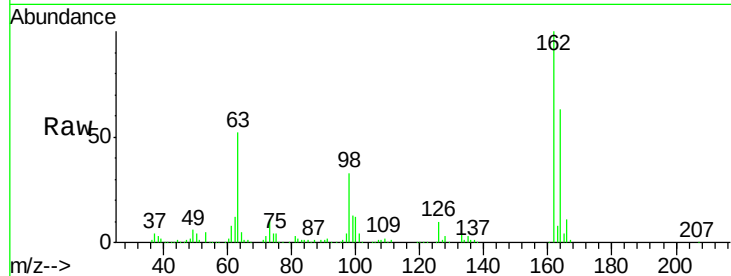
#29
2,4-Dichlorophenol
Concen: 52.46 ng
RT: 10.53 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	328487		
164	63.4	42.4	82.4	
98	32.9	20.3	60.3	

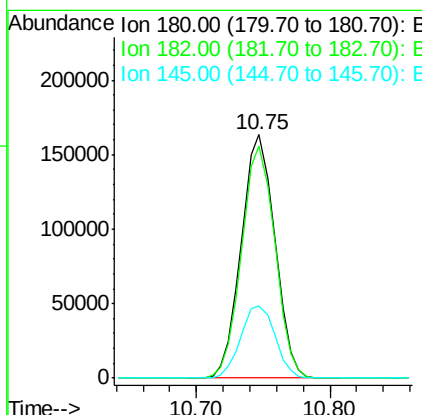
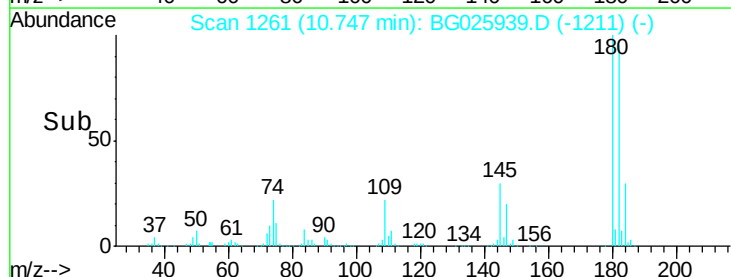
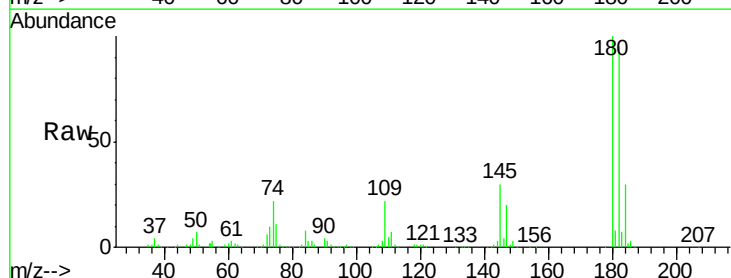
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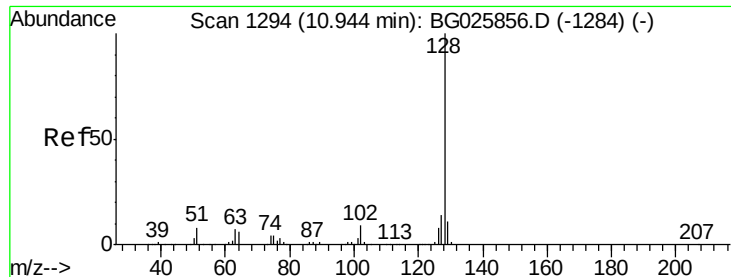
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#30
1,2,4-Trichlorobenzene
Concen: 41.72 ng
RT: 10.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284119		
182	95.3	77.0	115.4	
145	29.8	23.4	35.0	





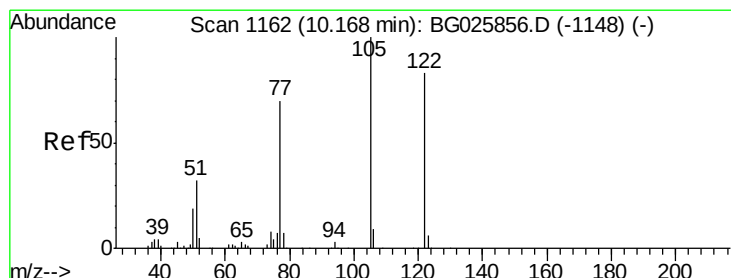
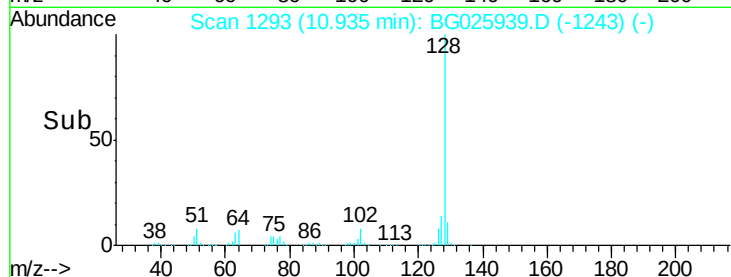
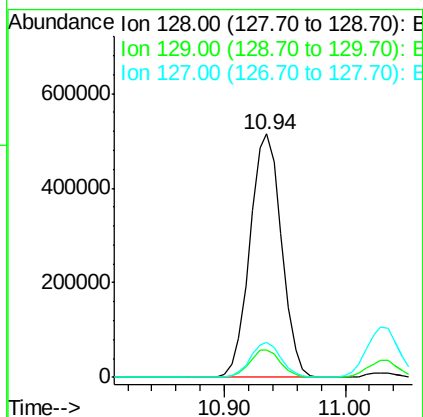
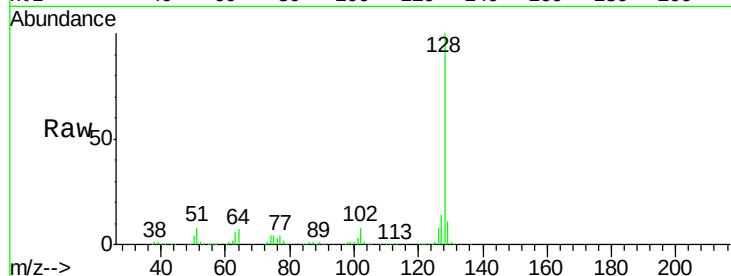
#31
Naphthalene
Concen: 41.26 ng
RT: 10.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.3	13.9
127	14.2	11.4	17.0

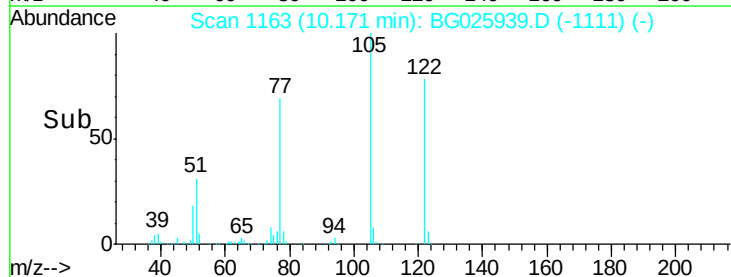
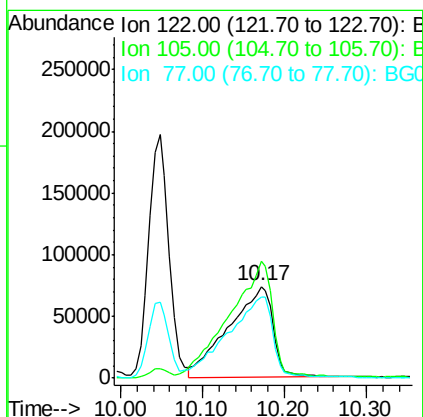
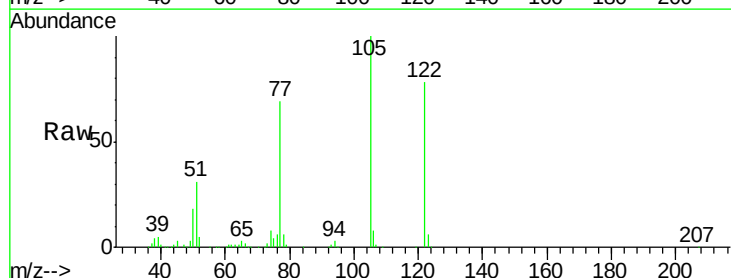
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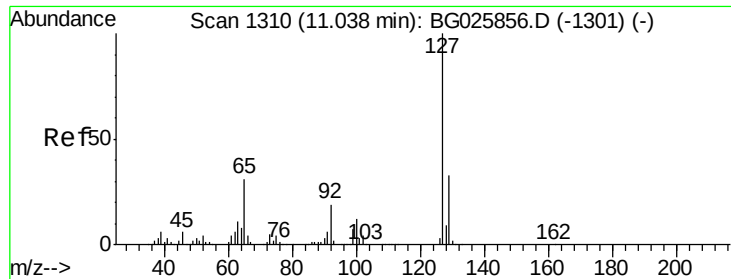
mohammad
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#32
Benzoic acid
Concen: 54.97 ng
RT: 10.17 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	127.7	120.1	160.1
77	88.7	104.6	144.6





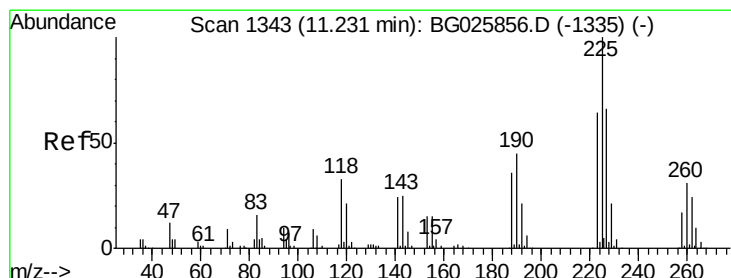
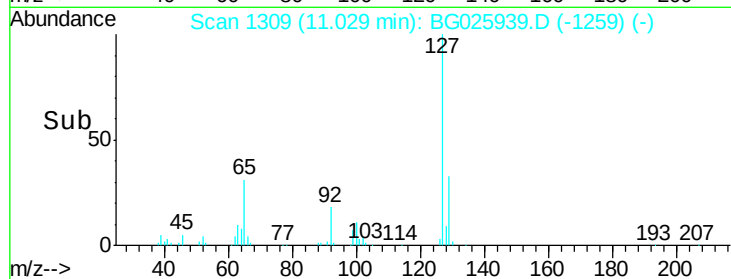
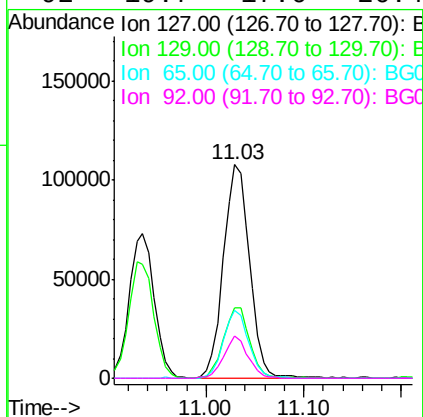
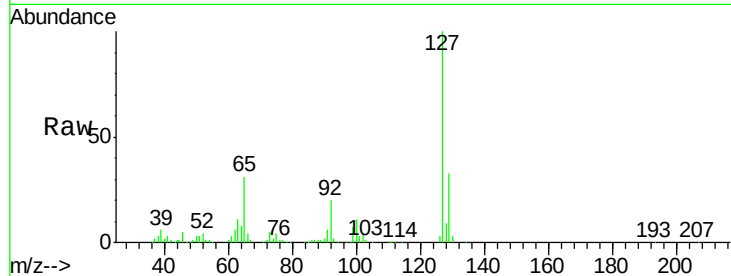
#33
4-Chloroaniline
Concen: 20.19 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	198874		
129	33.0	23.6	35.4	
65	31.5	37.7	56.5	
92	19.7	17.6	26.4	

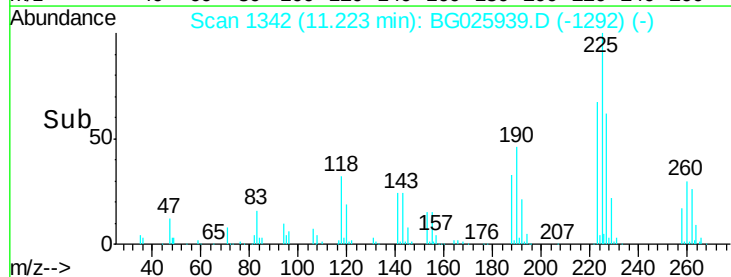
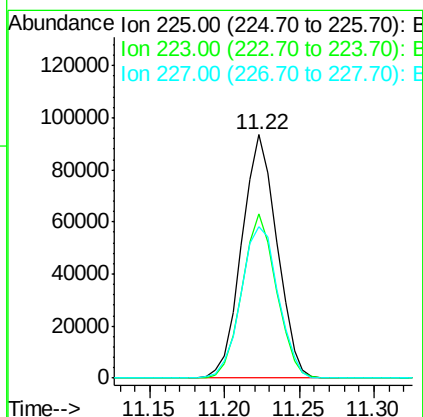
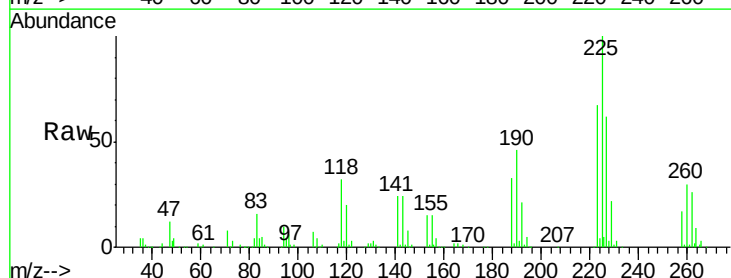
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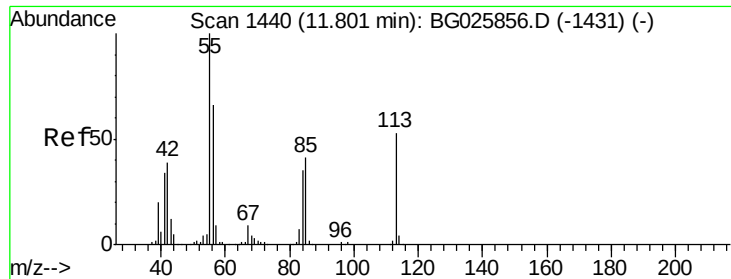
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#34
Hexachlorobutadiene
Concen: 39.34 ng
RT: 11.22 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152439		
223	67.4	50.7	76.1	
227	62.4	49.0	73.6	





#35

Caprolactam

Concen: 60.66 ng m

RT: 11.80 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion:113 Resp: 153400

Ion Ratio Lower Upper

113 100

55 184.1 198.6 238.6#

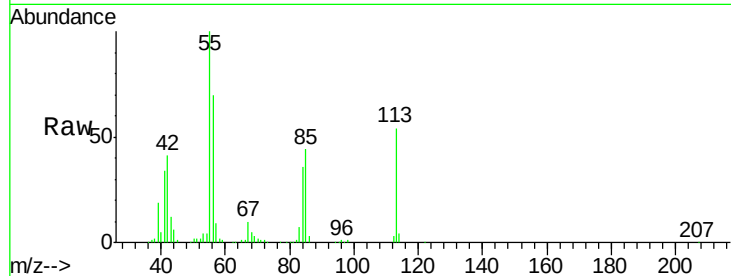
56 129.0 140.4 180.4#

Manual Integrations

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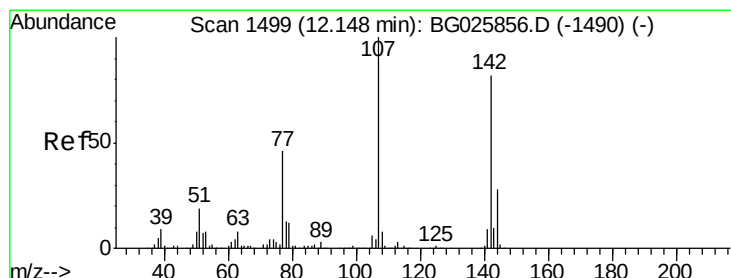
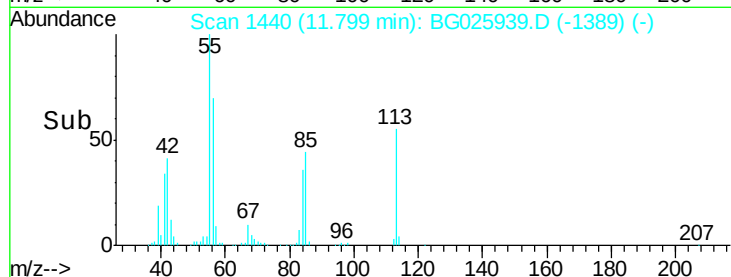
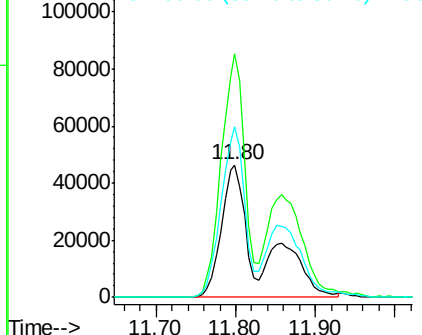
2/27/2017 1:06:58 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.44 ng

RT: 12.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

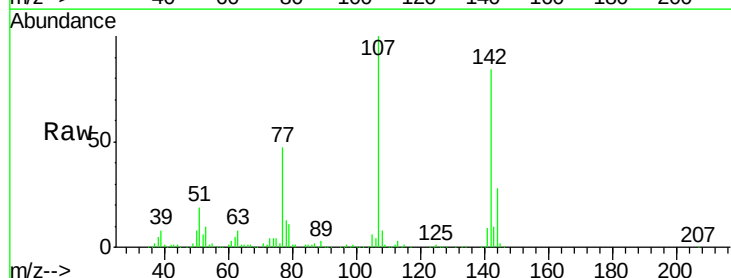
Tgt Ion:107 Resp: 392919

Ion Ratio Lower Upper

107 100

144 28.4 17.4 26.0#

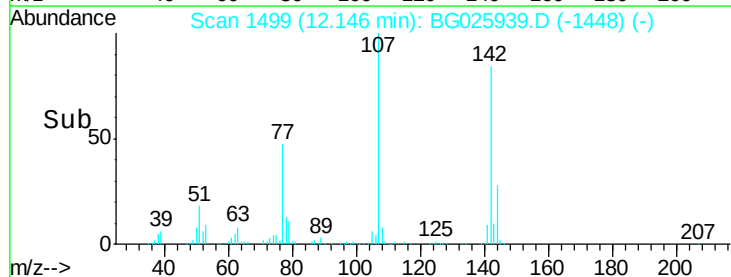
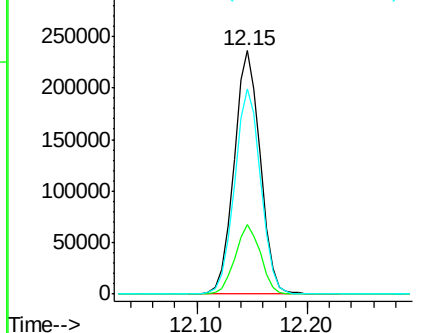
142 84.4 54.1 81.1#

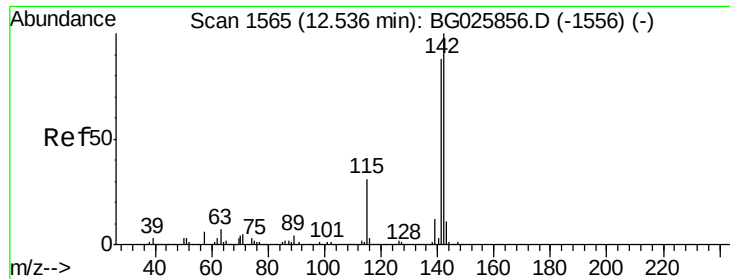


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





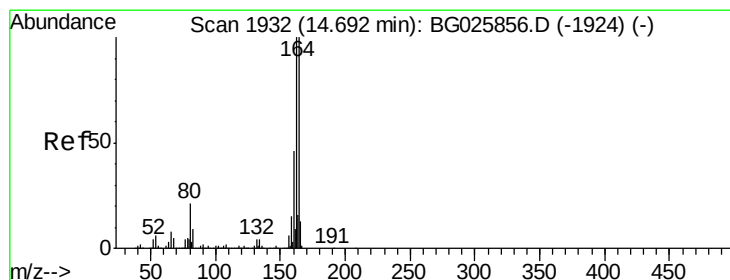
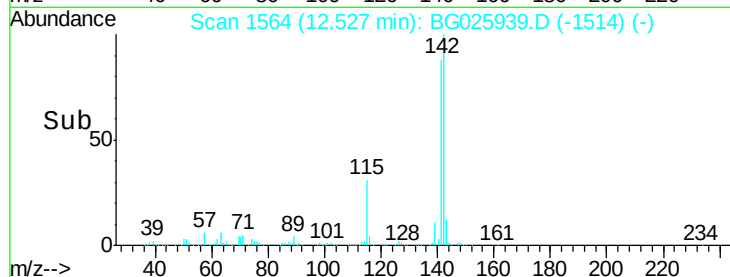
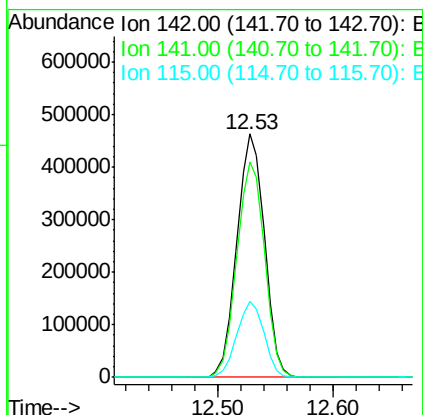
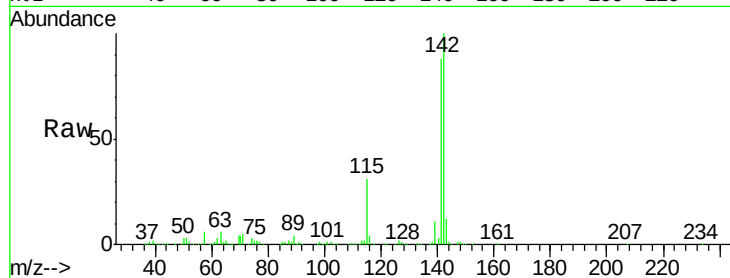
#37
 2-Methylnaphthalene
 Concen: 44.24 ng
 RT: 12.53 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	31.3	35.5	53.3

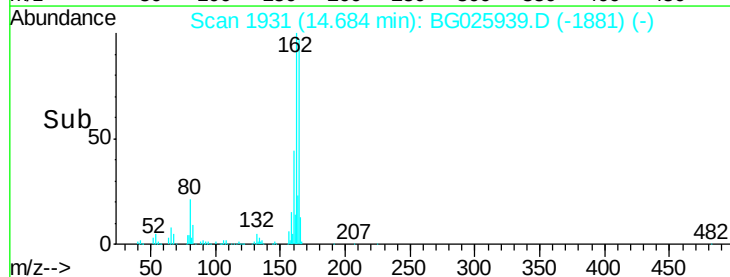
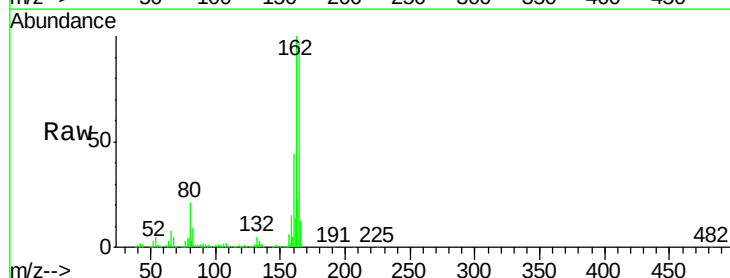
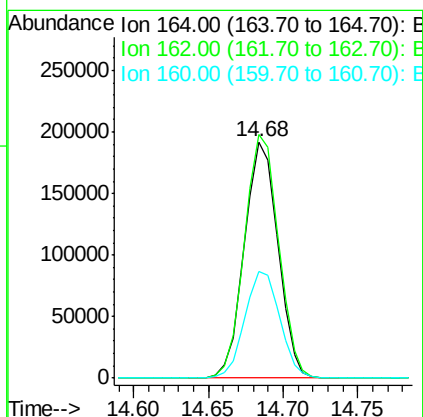
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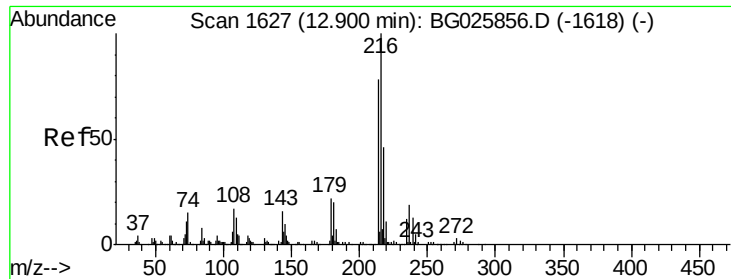
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	45.0	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.96 ng

RT: 12.90 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

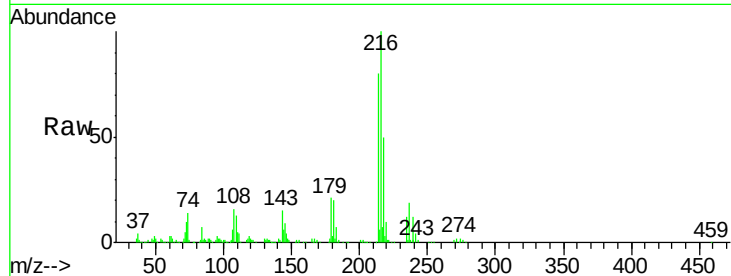
ClientSampleId :

PB97159BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.4	96.6
179	21.2	17.4	26.0
108	19.6	15.6	23.4

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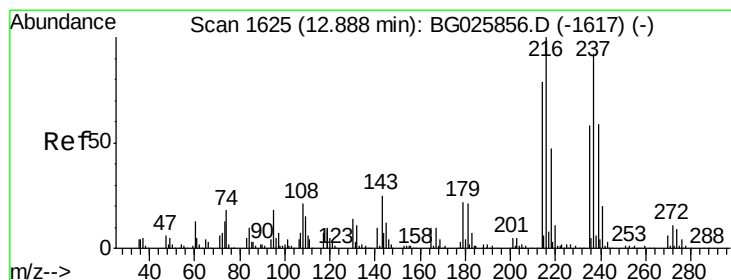
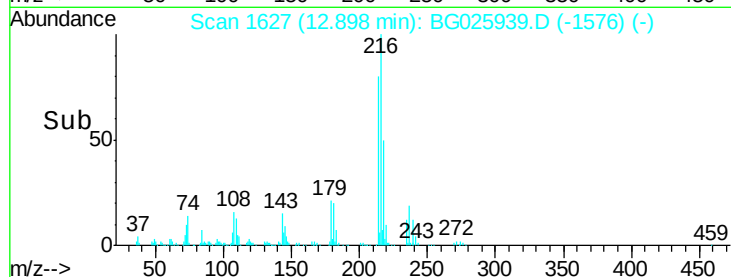
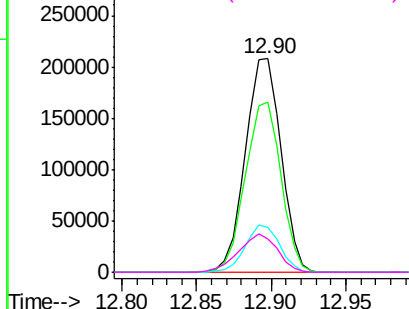
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.10 ng

RT: 12.88 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

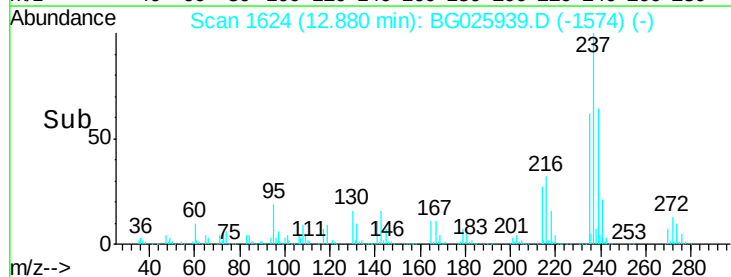
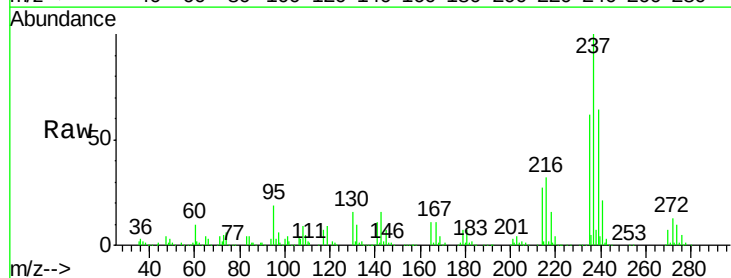
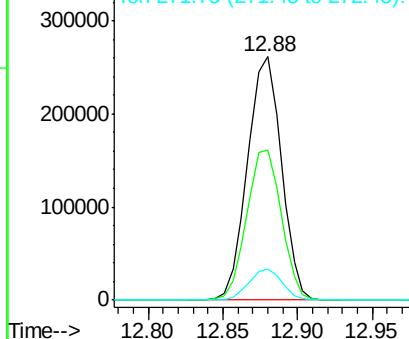
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	39.4	79.4
272	12.9	0.0	32.0

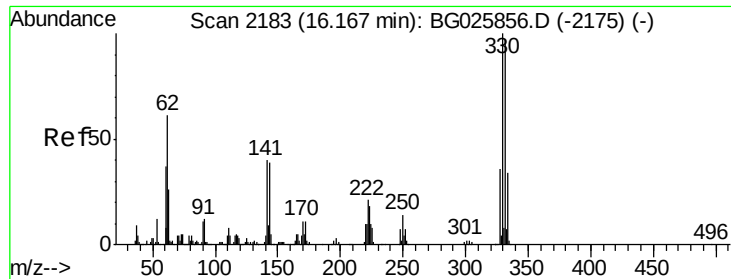
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





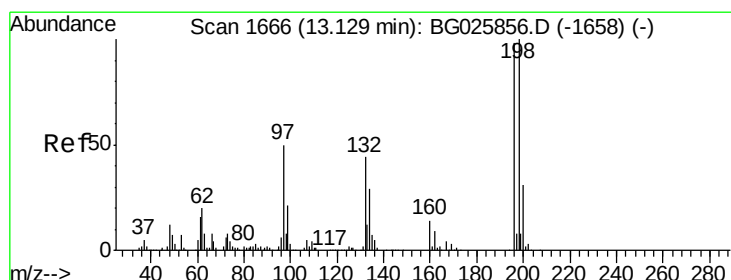
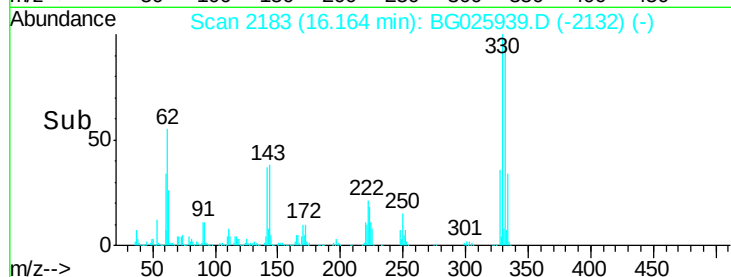
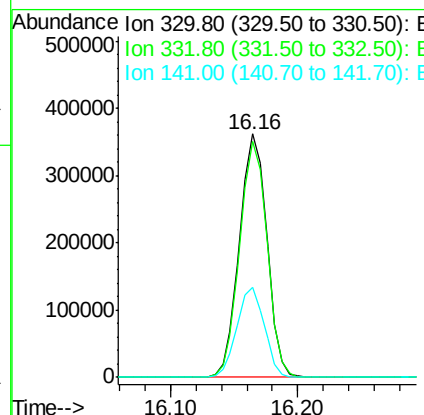
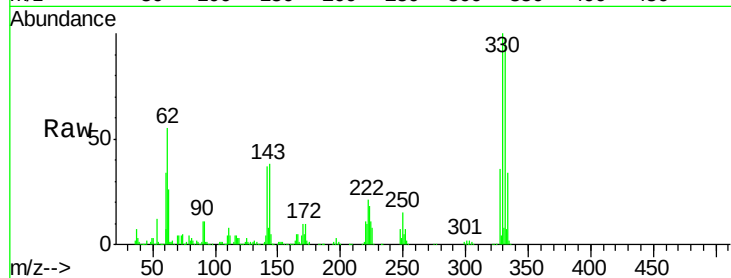
#41
 2,4,6-Tribromophenol
 Concen: 196.71 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	36.8	32.1	48.1

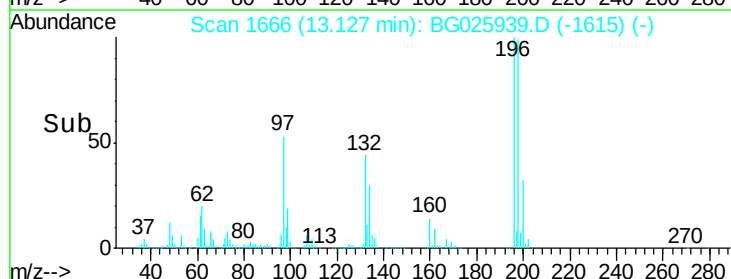
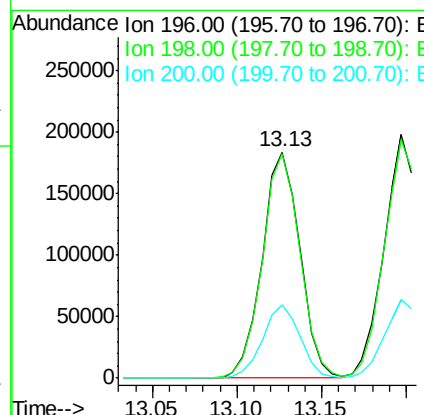
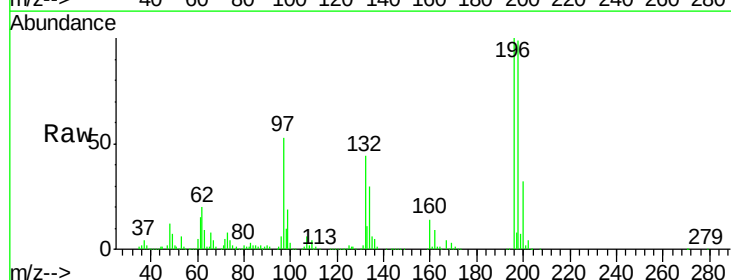
Manual Integrations
 APPROVED

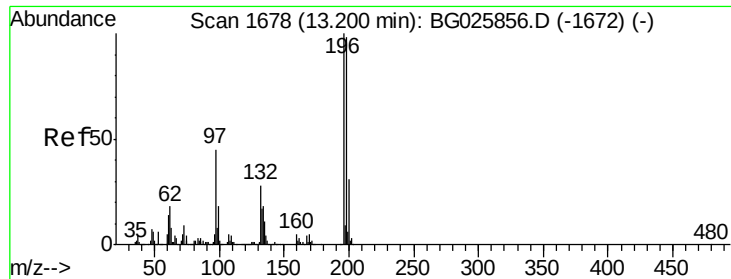
mohammad
 2/27/2017 1:06:58 PM



#42
 2,4,6-Trichlorophenol
 Concen: 59.12 ng
 RT: 13.13 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	81.4	122.2
200	32.3	27.0	40.6





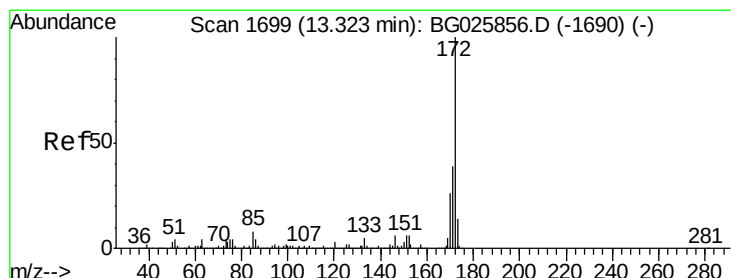
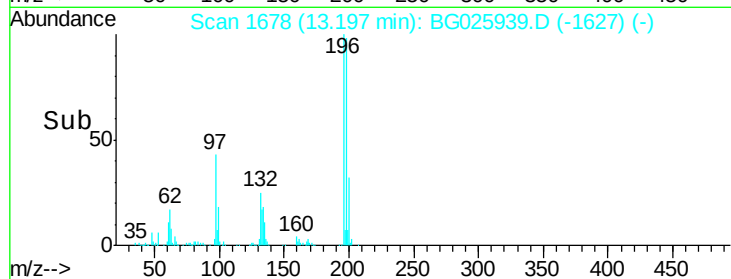
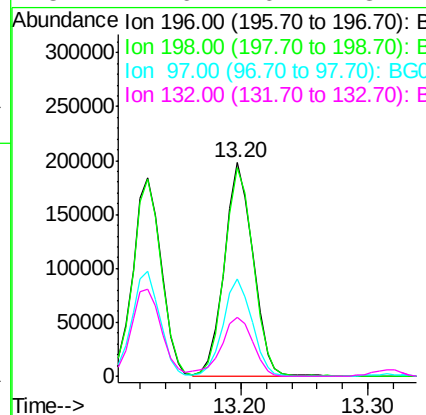
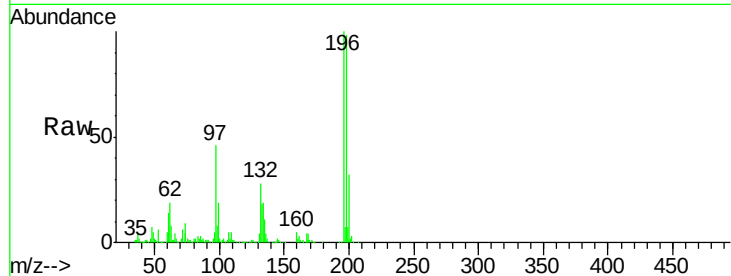
#43
 2,4,5-Trichlorophenol
 Concen: 56.48 ng
 RT: 13.20 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310141		
198	97.8	79.9	119.9	
97	45.5	45.4	68.0	
132	27.6	20.7	31.1	

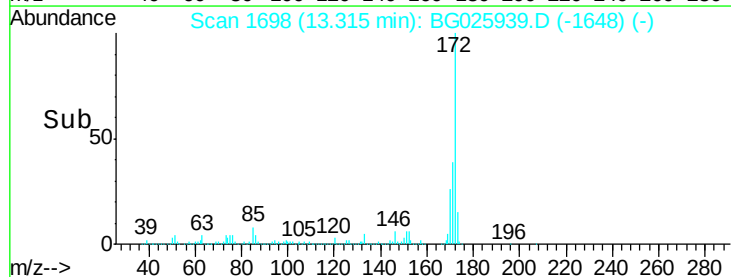
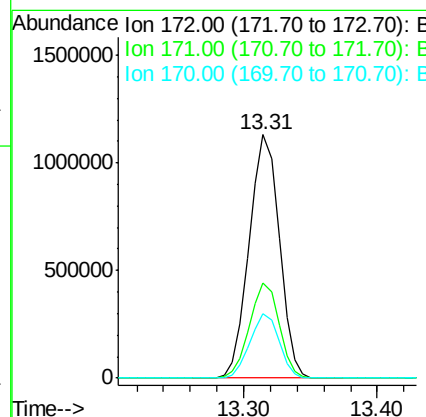
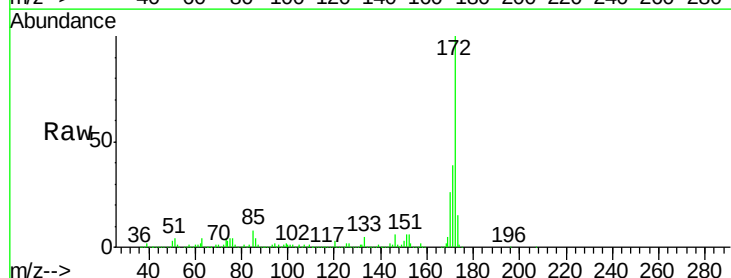
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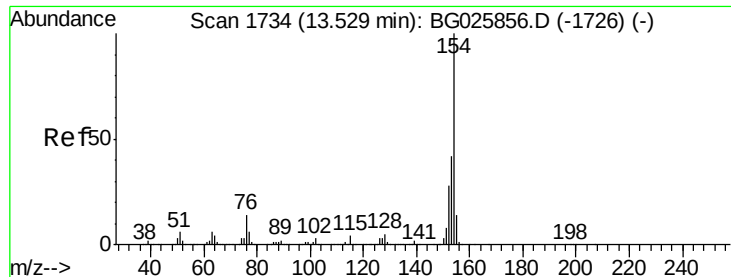
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 103.14 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1763627		
171	39.3	32.2	48.2	
170	26.4	21.8	32.6	





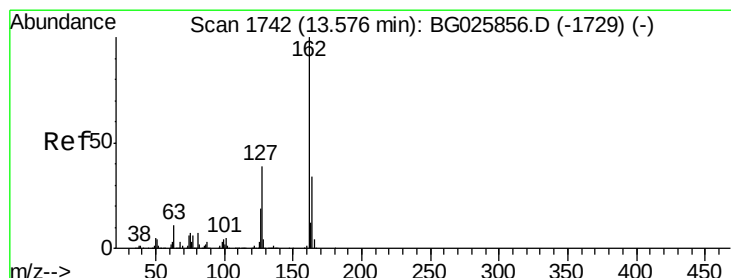
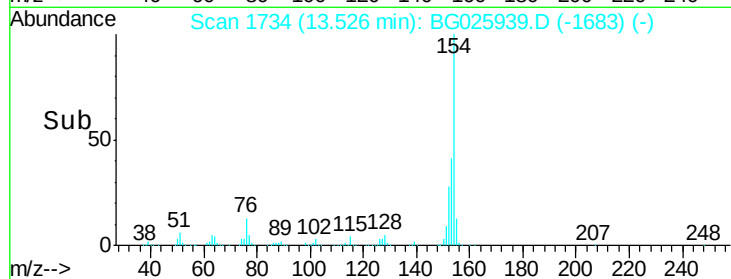
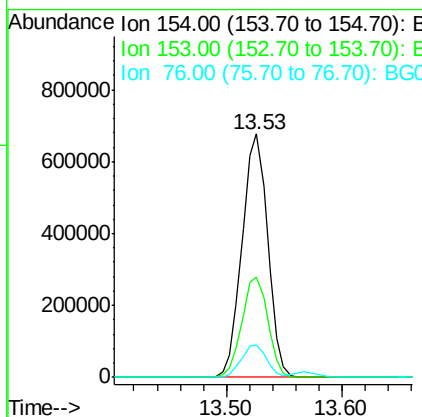
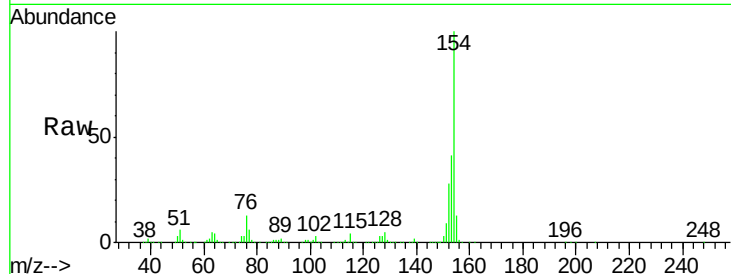
#45
 1,1'-Biphenyl
 Concen: 48.22 ng
 RT: 13.53 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.0	63.0
76	13.1	0.0	33.5

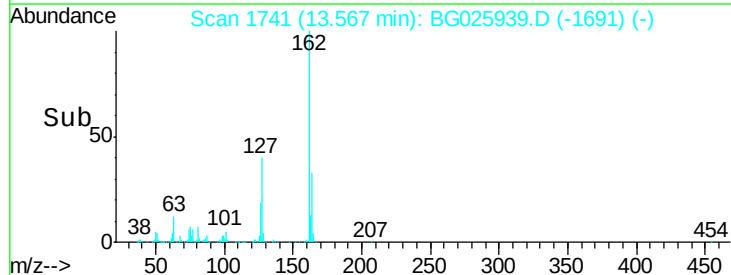
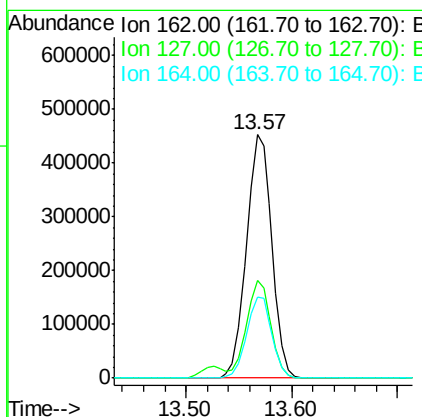
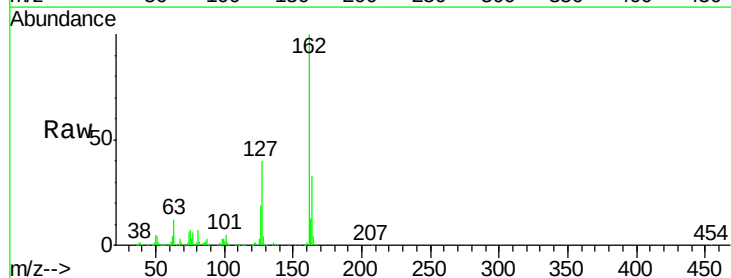
Manual Integrations
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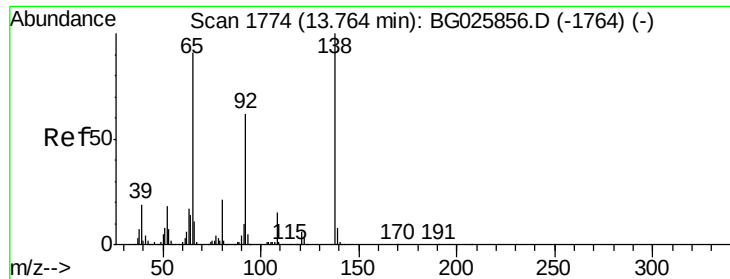
mohammad
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#46
 2-Chloronaphthalene
 Concen: 48.21 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	33.2	27.3	40.9





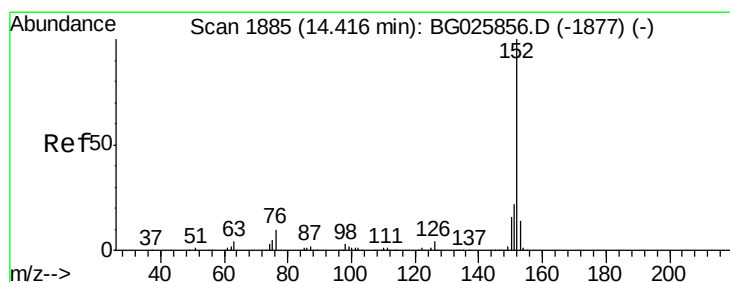
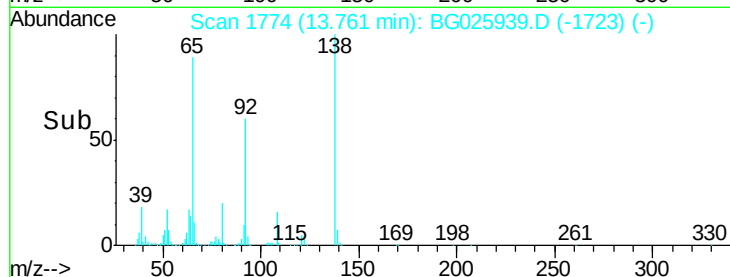
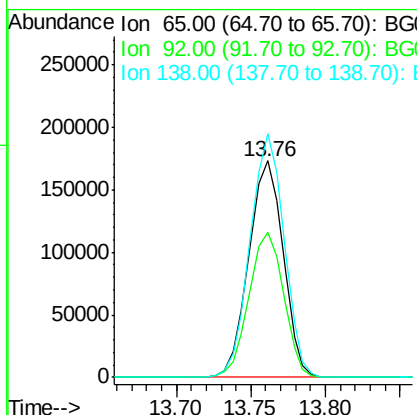
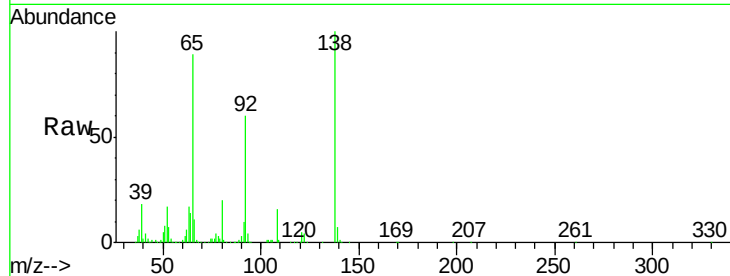
#47
2-Nitroaniline
Concen: 55.70 ng
RT: 13.76 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampled :
PB97159BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	49.0	73.4
138	112.5	58.6	87.8

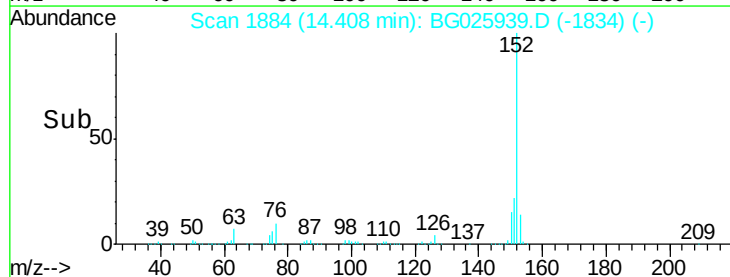
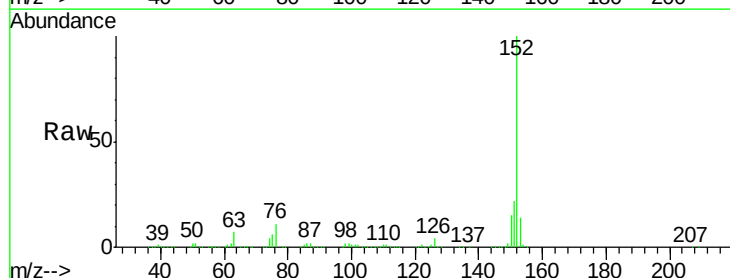
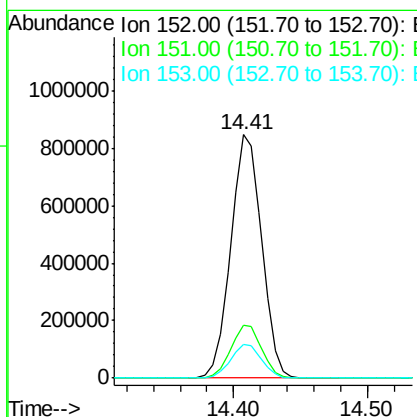
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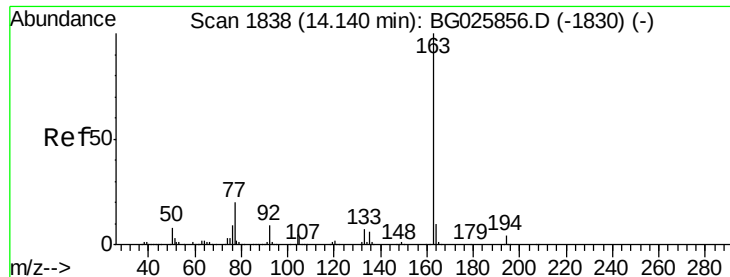
mohammad
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#48
Acenaphthylene
Concen: 48.73 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	18.2	27.2
153	14.1	11.3	16.9





#49

Dimethylphthalate

Concen: 53.38 ng

RT: 14.14 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

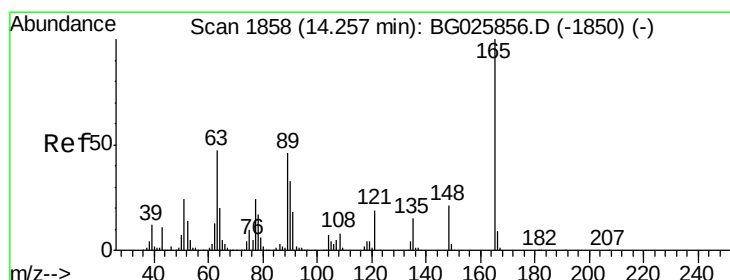
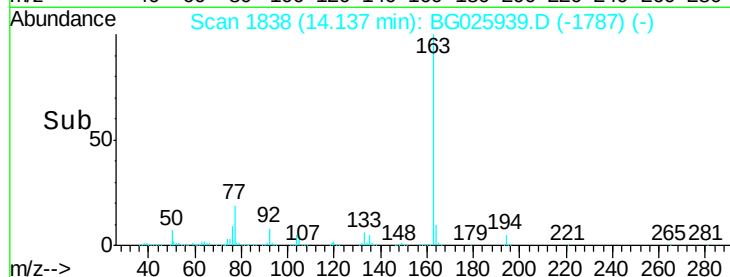
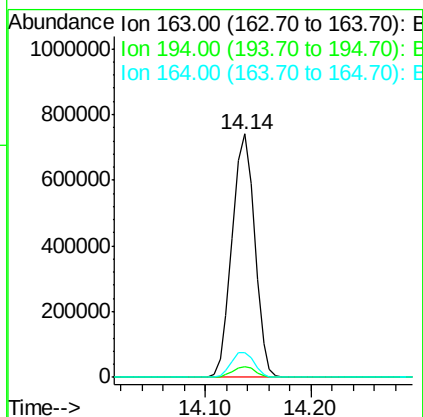
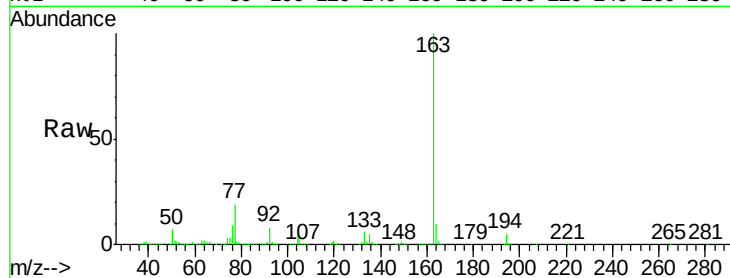
ClientSampleId :

PB97159BS

Tgt Ion:	163	Resp:	1094231
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	10.4	9.3	13.9

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 54.94 ng

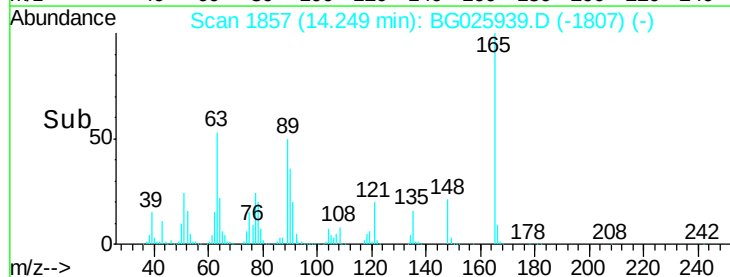
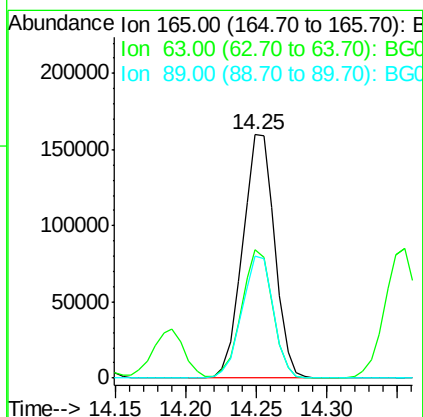
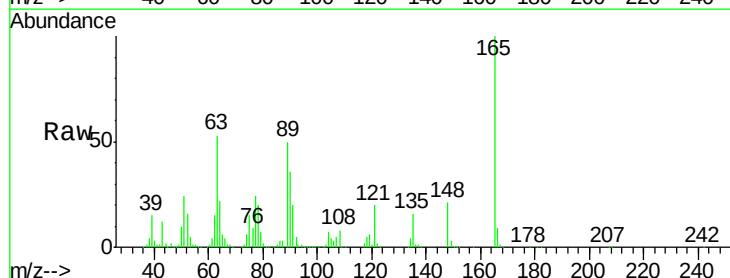
RT: 14.25 min Scan# 1857

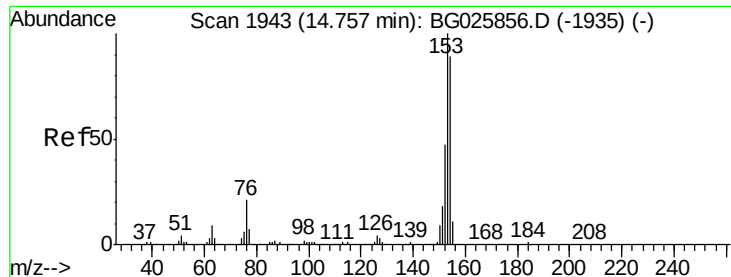
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion:	165	Resp:	252964
Ion Ratio	Lower	Upper	
165	100		
63	52.8	63.9	95.9#
89	50.2	58.6	88.0#





#51

Acenaphthene

Concen: 48.74 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

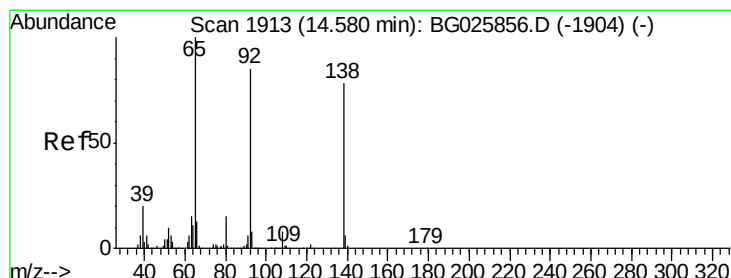
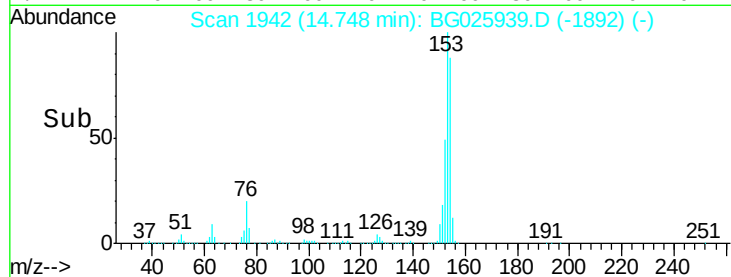
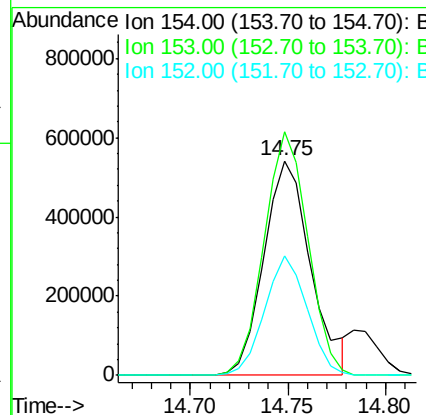
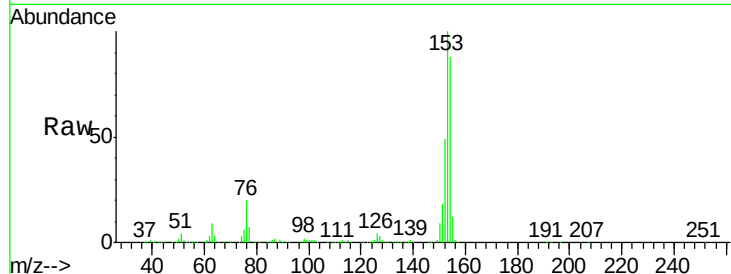
ClientSampleId :

PB97159BS

Tgt	Ion:154	Resp:	897172
Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.8	131.6
152	55.6	42.2	63.4

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#52

3-Nitroaniline

Concen: 32.75 ng

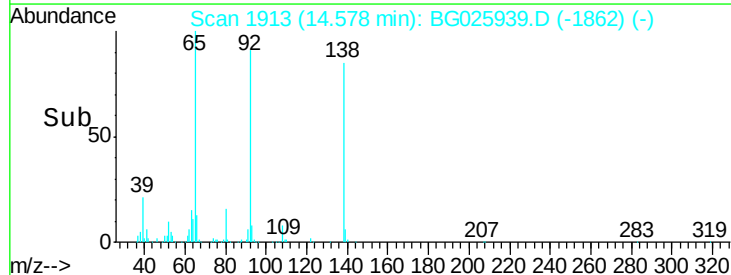
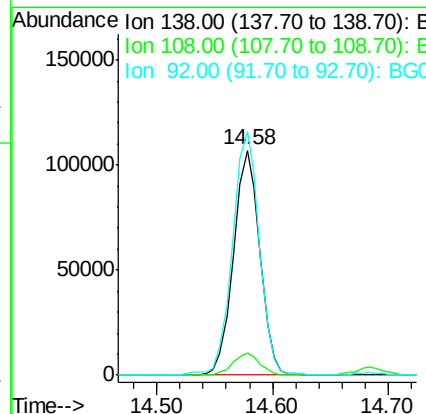
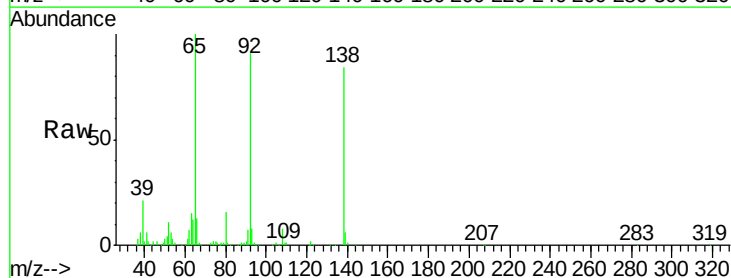
RT: 14.58 min Scan# 1913

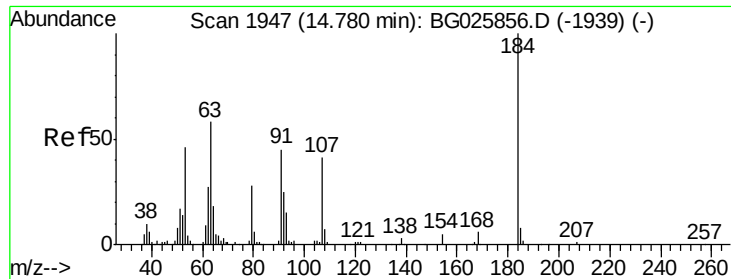
Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt	Ion:138	Resp:	168706
Ion	Ratio	Lower	Upper
138	100		
108	9.9	10.9	16.3#
92	108.2	115.3	172.9#





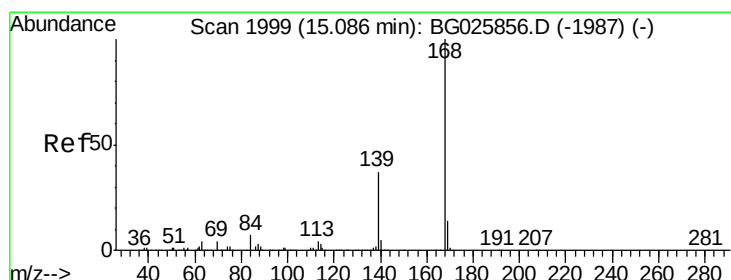
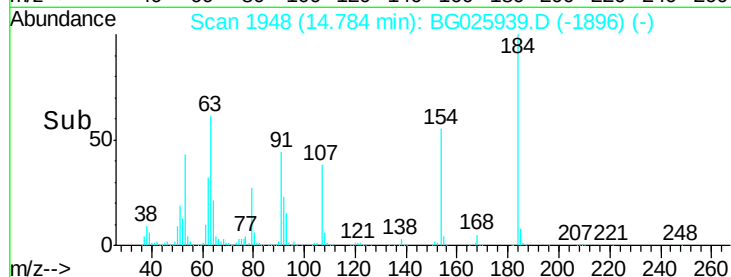
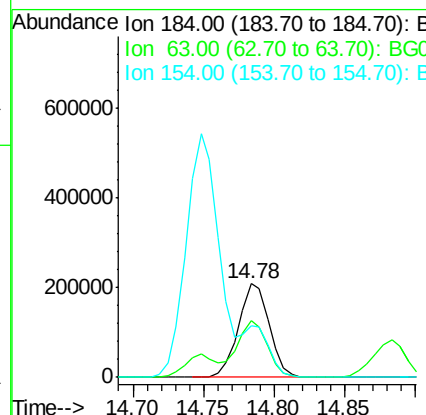
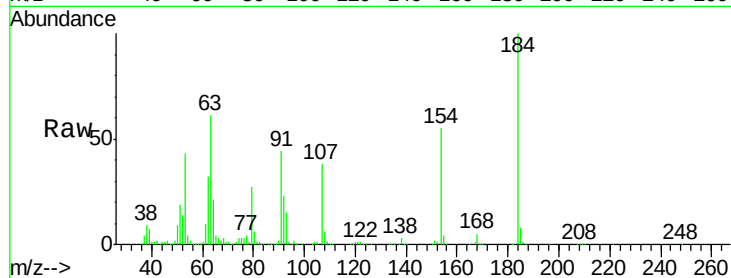
#53
2,4-Dinitrophenol
Concen: 131.84 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	317683		
63	60.5	52.7	79.1	
154	55.1	57.3	85.9	

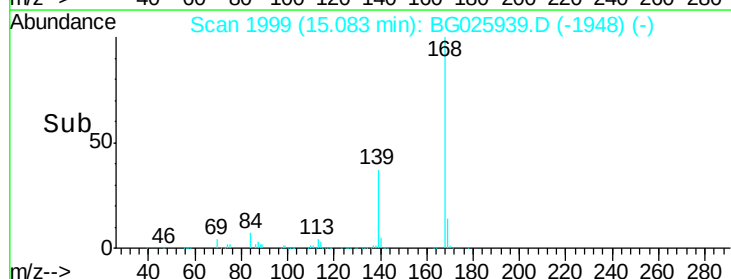
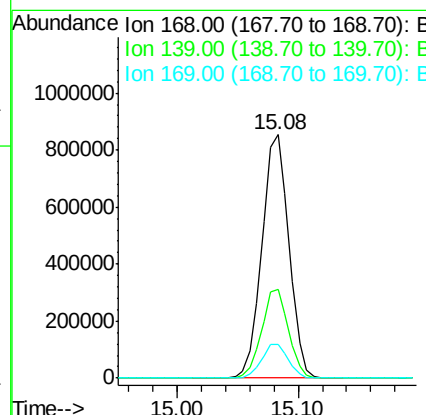
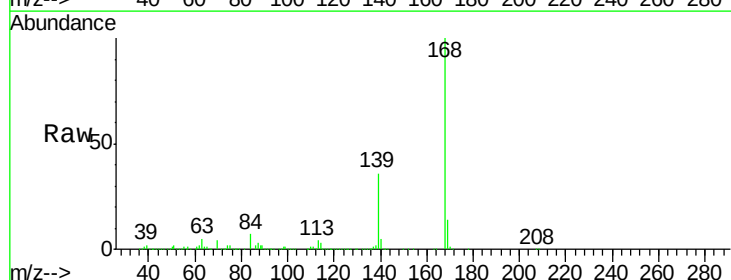
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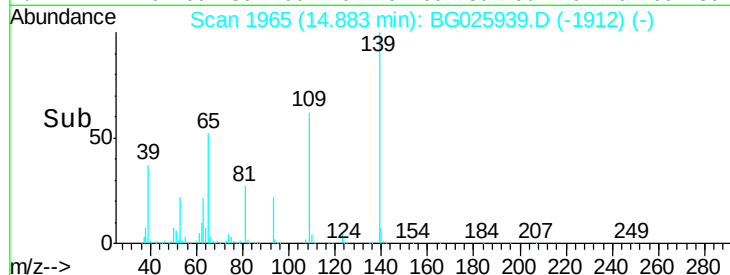
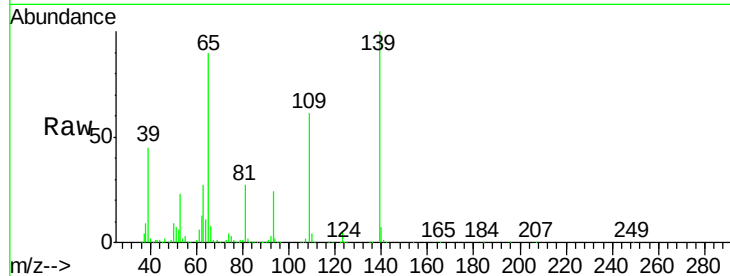
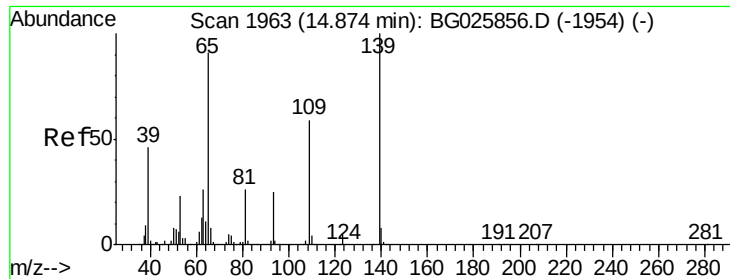
mohammad
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#54
Dibenzofuran
Concen: 53.84 ng
RT: 15.08 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1321298		
139	36.3	35.3	52.9	
169	13.7	11.5	17.3	





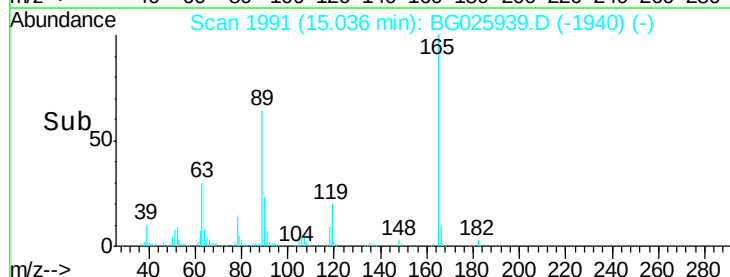
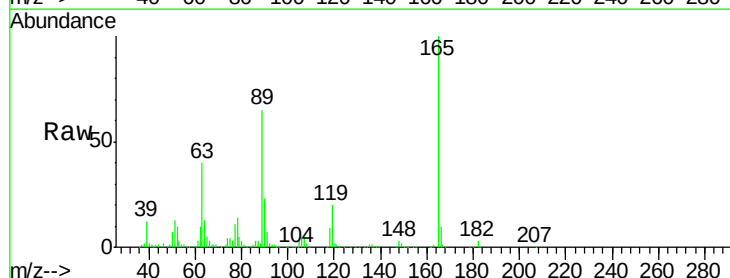
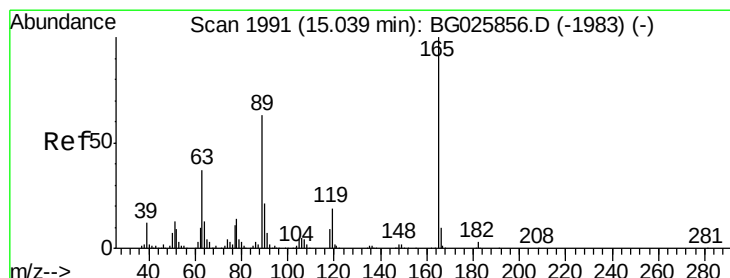
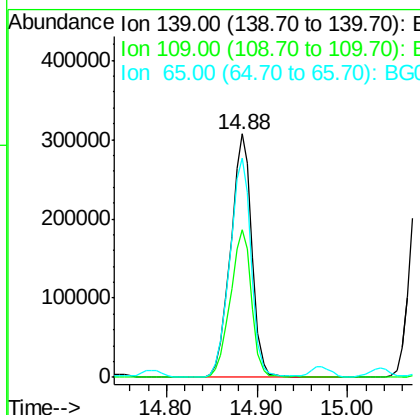
#55
4-Nitrophenol
Concen: 120.11 ng
RT: 14.88 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.7	101.2	141.2#	
65	90.1	135.3	175.3#	

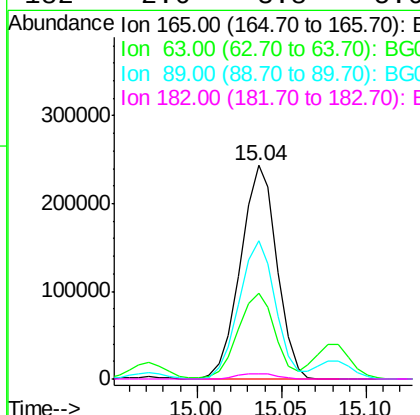
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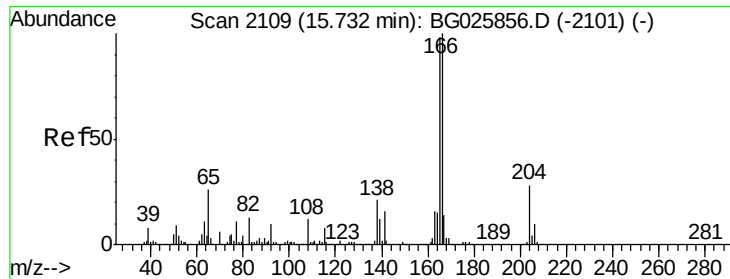
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#56
2,4-Dinitrotoluene
Concen: 58.65 ng
RT: 15.04 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.4	44.0	66.0#	
89	64.5	67.3	100.9#	
182	2.6	3.8	5.6#	





#57

Fluorene

Concen: 50.85 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion:166 Resp: 1114984

Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

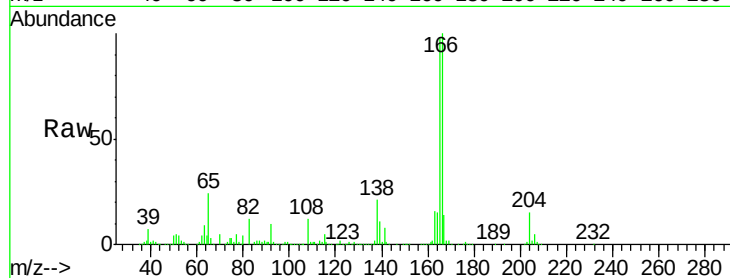
167 13.7 11.6 17.4

Manual Integrations

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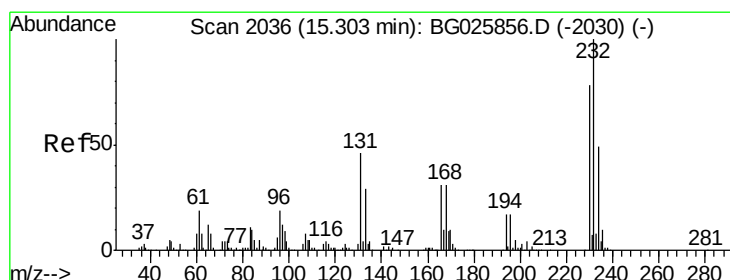
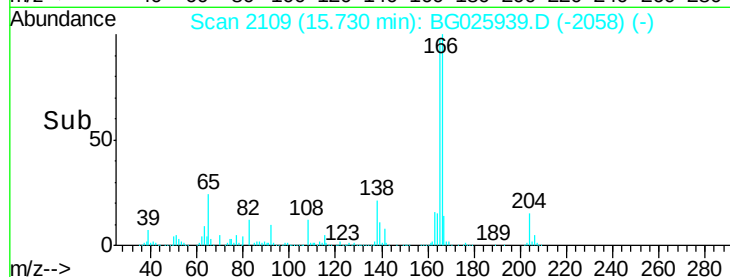
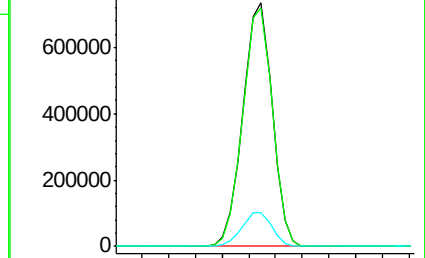
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 63.15 ng

RT: 15.31 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion:232 Resp: 305901

Ion Ratio Lower Upper

232 100

131 45.5 34.9 52.3

130 2.4 2.3 3.5

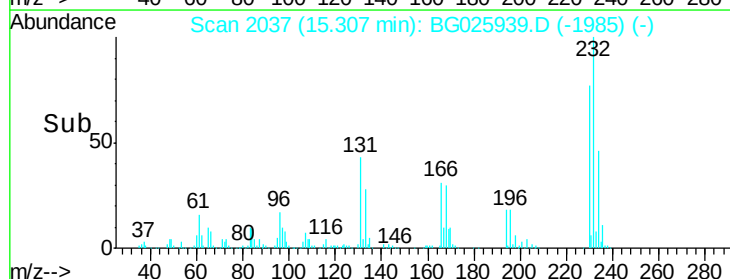
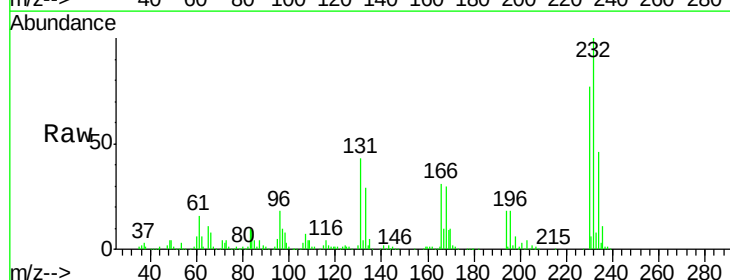
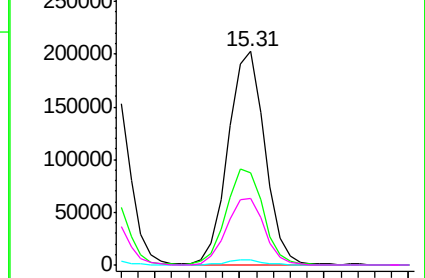
166 32.3 24.2 36.4

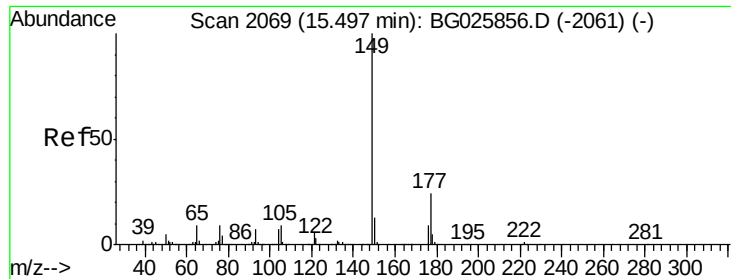
Abundance Ion 232.00 (231.70 to 232.70): E

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





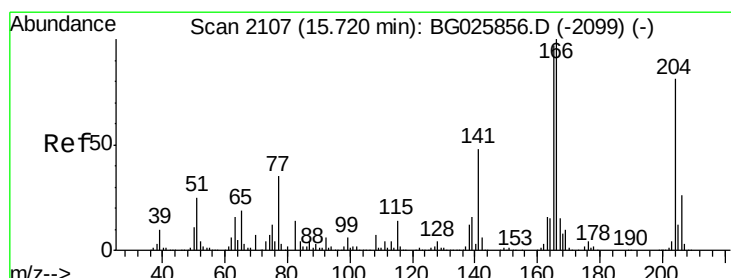
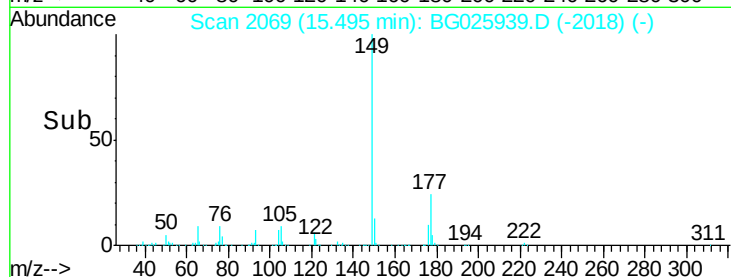
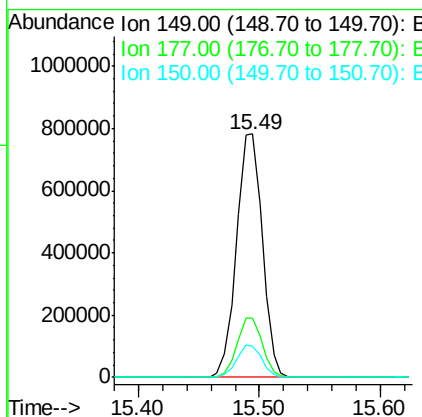
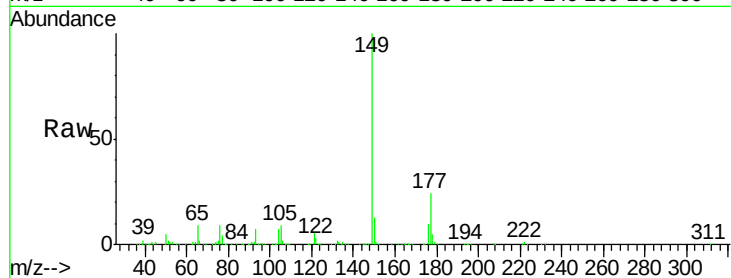
#59
Diethylphthalate
Concen: 55.10 ng
RT: 15.49 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampled :
PB97159BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	13.1	10.2	15.2

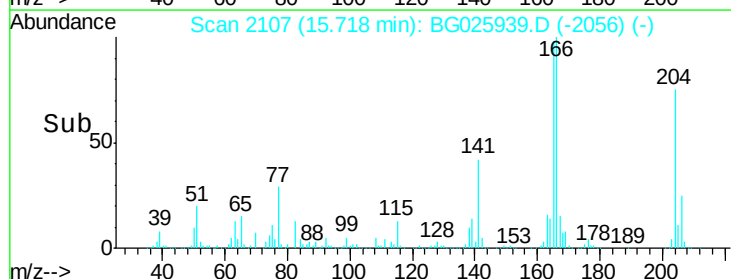
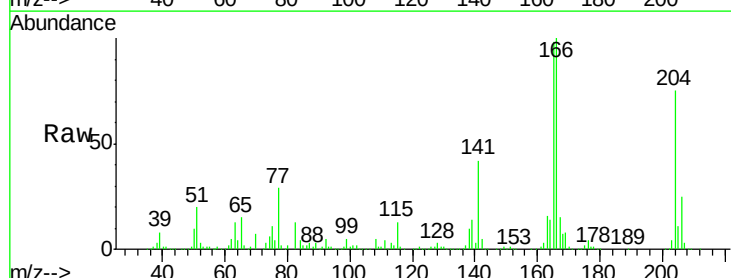
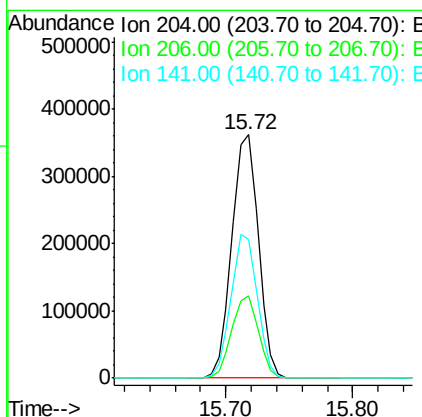
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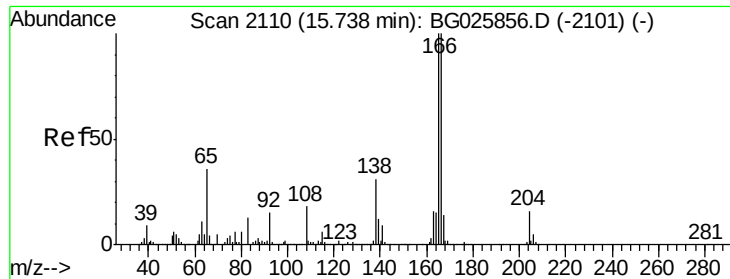
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 51.52 ng
RT: 15.72 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	56.7	50.6	76.0





#61

4-Nitroaniline

Concen: 56.39 ng

RT: 15.74 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

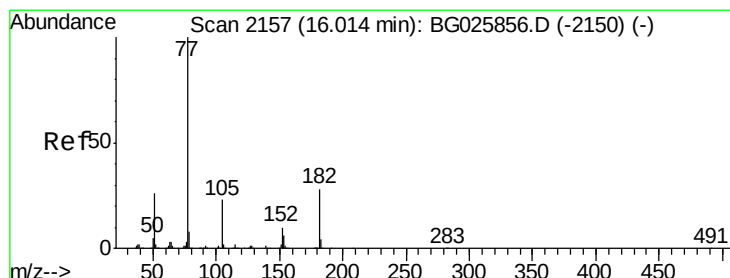
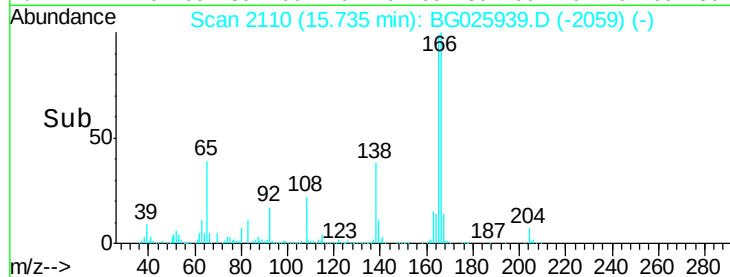
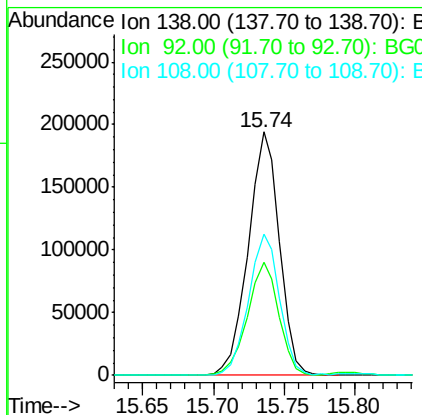
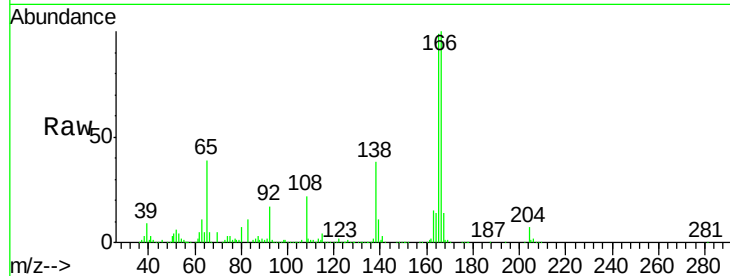
ClientSampleId :

PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	301111		
92	46.3	44.2	84.2	
108	58.1	104.8	144.8	

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#62

Azobenzene

Concen: 57.24 ng

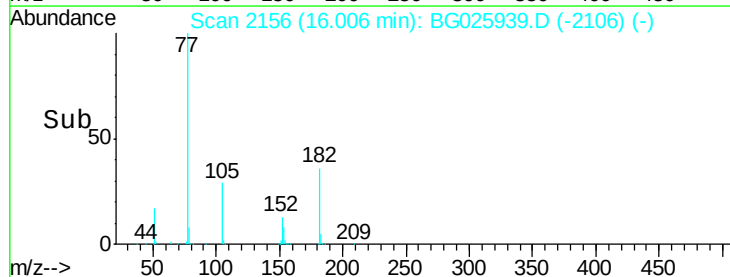
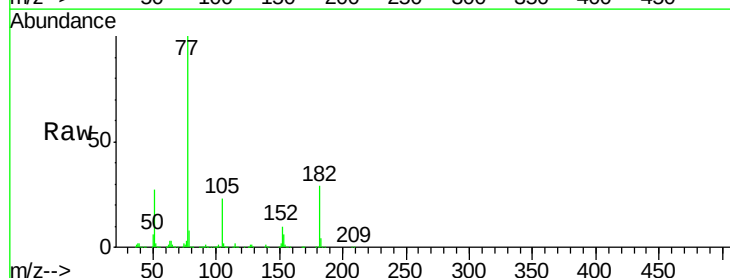
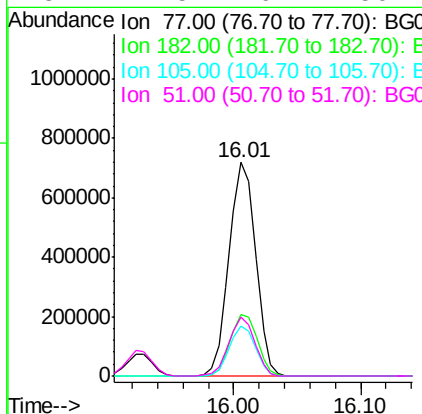
RT: 16.01 min Scan# 2156

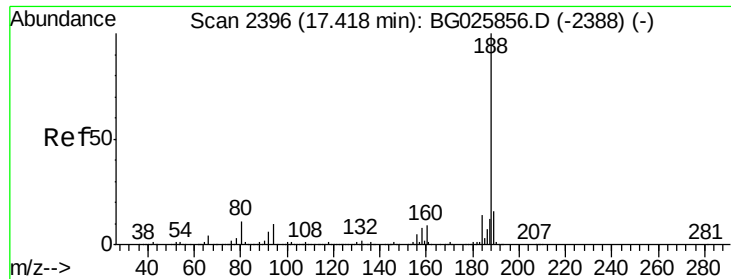
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1043286		
182	28.6	4.7	44.7	
105	23.3	0.0	36.3	
51	27.5	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

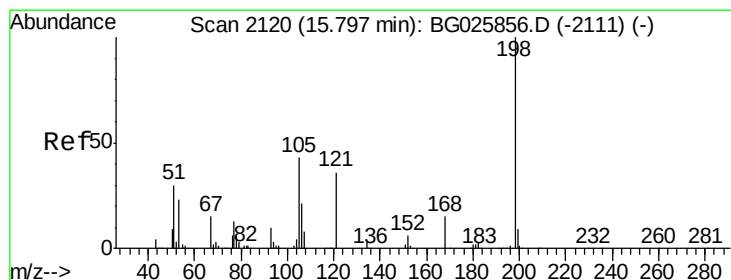
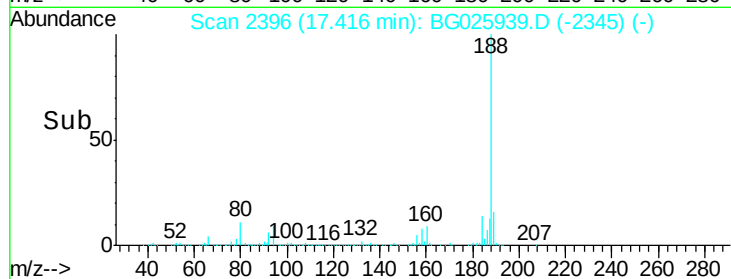
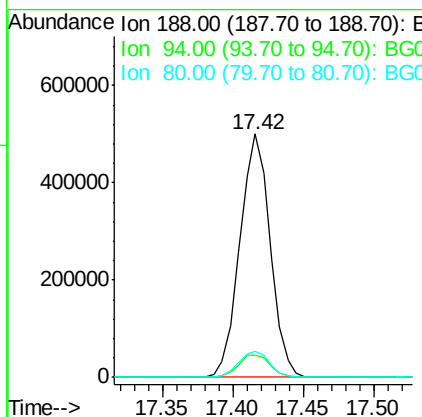
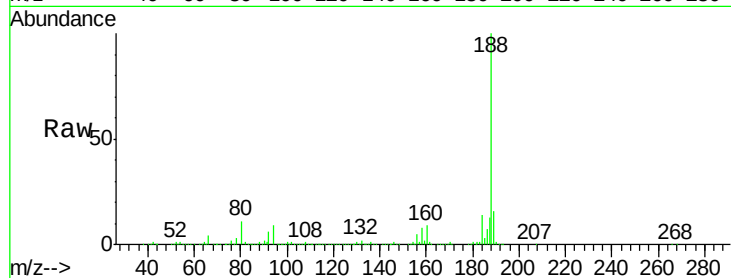
ClientSampleId :

PB97159BS

Tgt Ion:	188	Resp:	751233
Ion Ratio	Lower	Upper	
188	100		
94	9.0	5.8	8.8#
80	10.8	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.29 ng

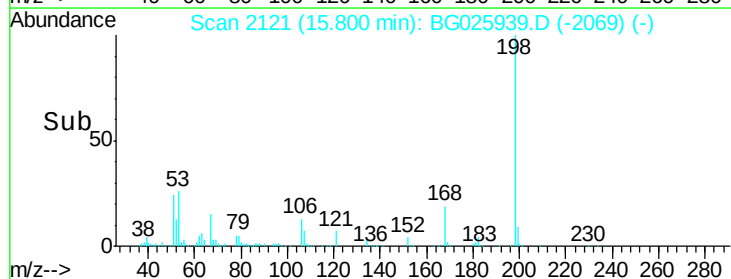
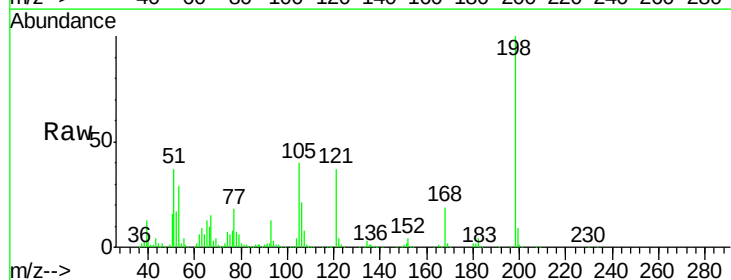
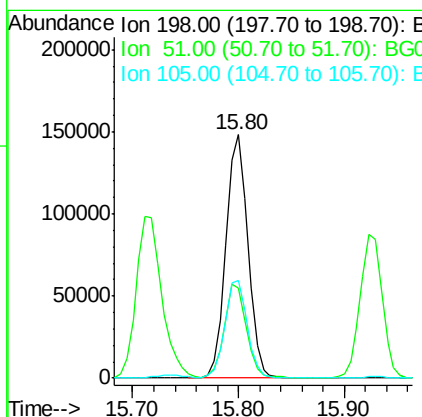
RT: 15.80 min Scan# 2121

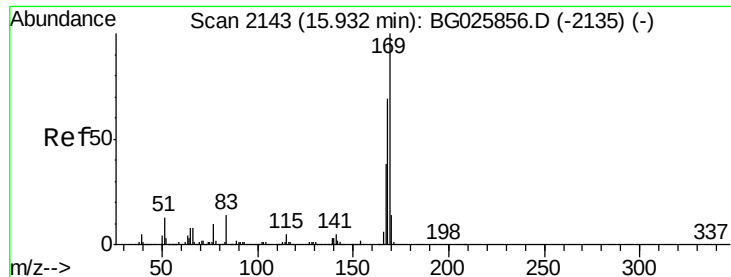
Delta R.T. 0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion:	198	Resp:	212311
Ion Ratio	Lower	Upper	
198	100		
51	36.7	22.6	62.6
105	39.9	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 45.28 ng

RT: 15.93 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion:169 Resp: 1031657

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

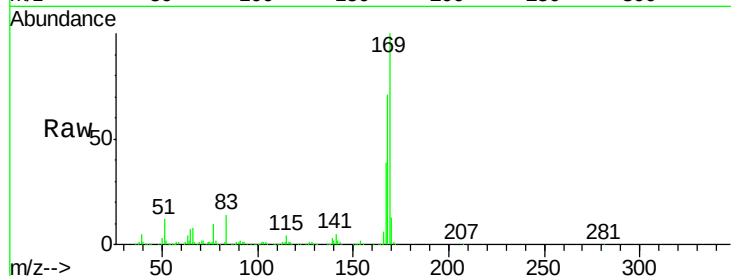
167 39.3 29.8 44.6

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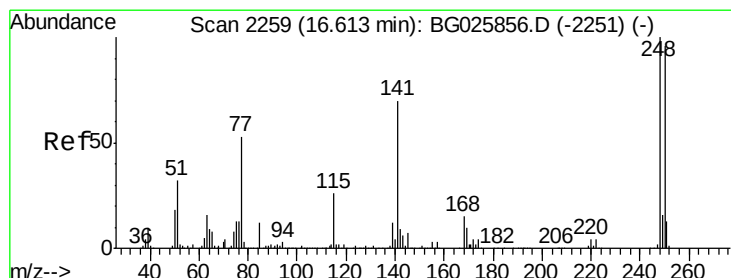
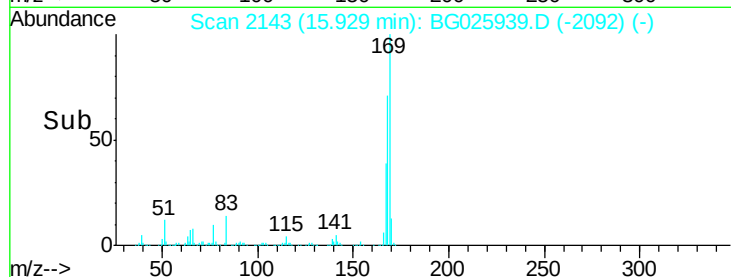
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.93

Time-->



#66

4-Bromophenyl-phenylether

Concen: 45.20 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

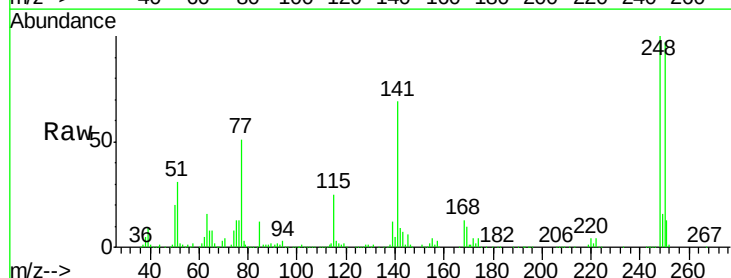
Tgt Ion:248 Resp: 355913

Ion Ratio Lower Upper

248 100

250 96.7 75.0 112.6

141 68.8 55.2 82.8



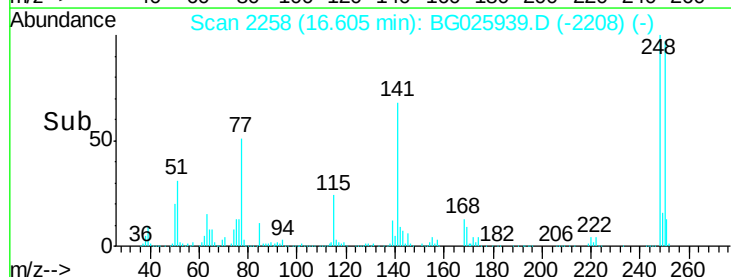
Abundance Ion 248.00 (247.70 to 248.70): E

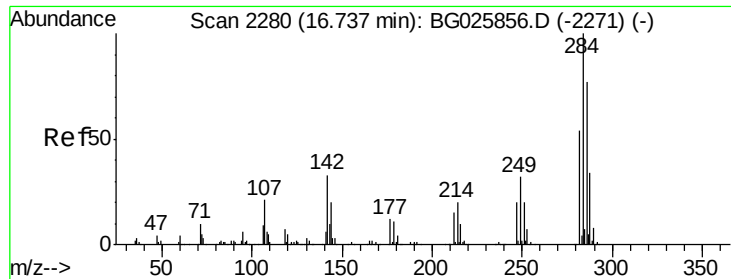
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.60

Time-->





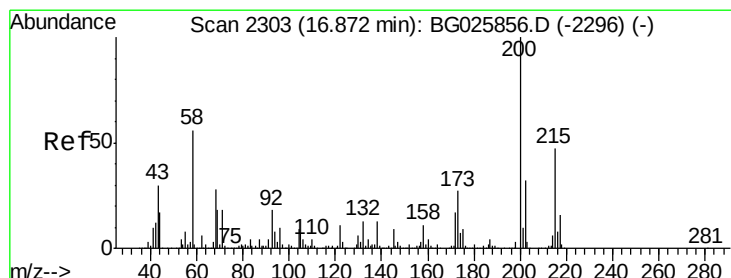
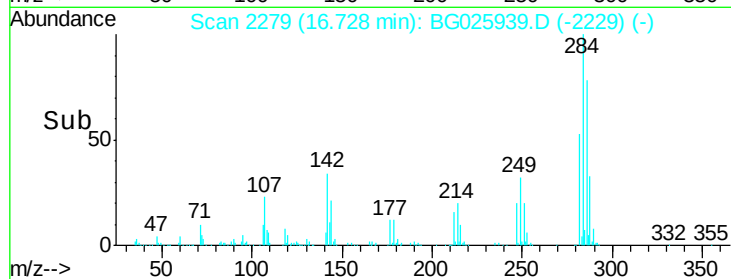
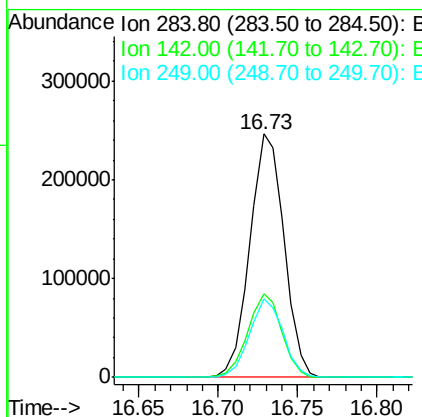
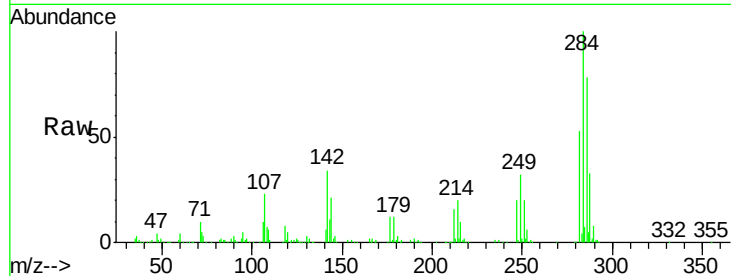
#67
Hexachlorobenzene
Concen: 45.51 ng
RT: 16.73 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.4	29.9	44.9
249	32.1	29.2	43.8

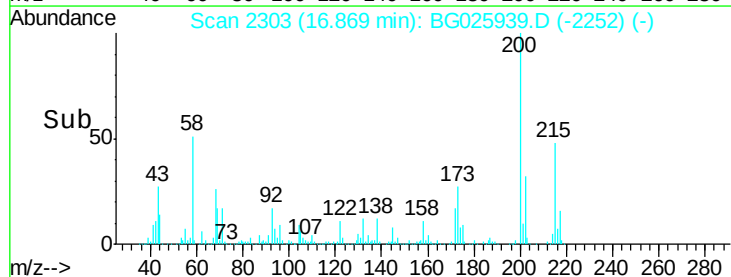
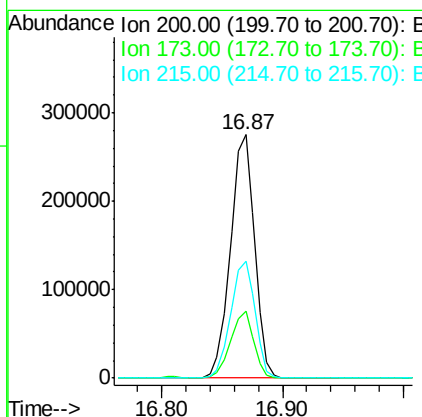
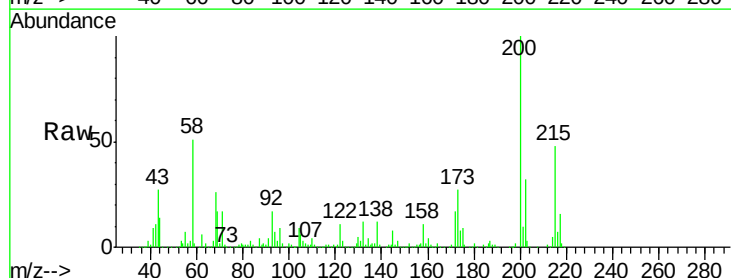
Manual Integrations
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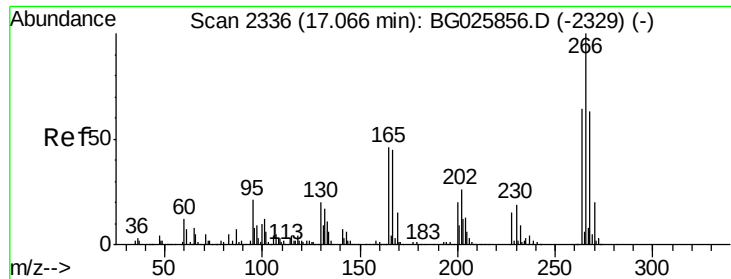
mohammad
2/27/2017 1:06:58 PM



#68
Atrazine
Concen: 47.40 ng
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	3.0	43.0
215	47.9	28.4	68.4





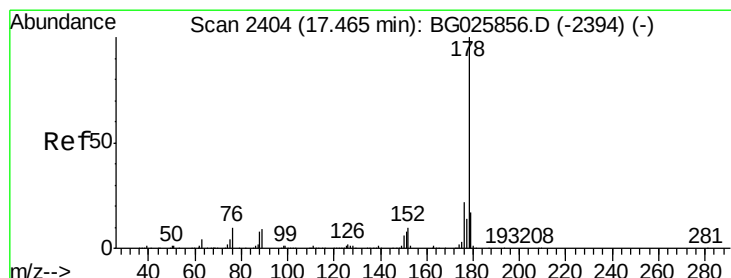
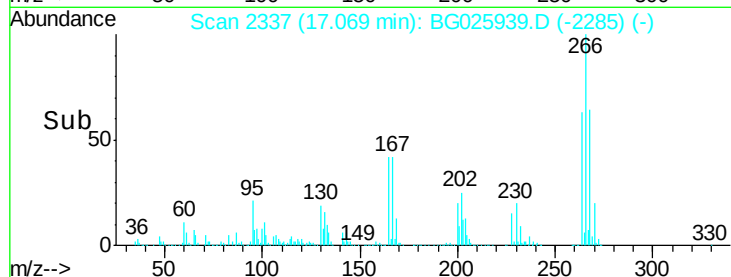
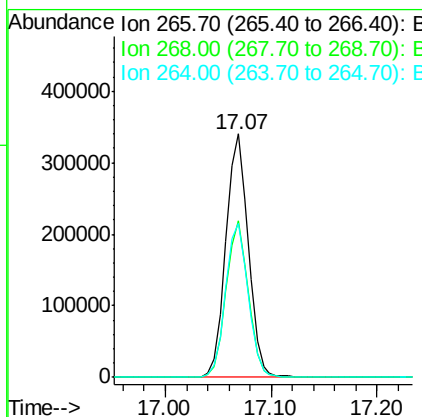
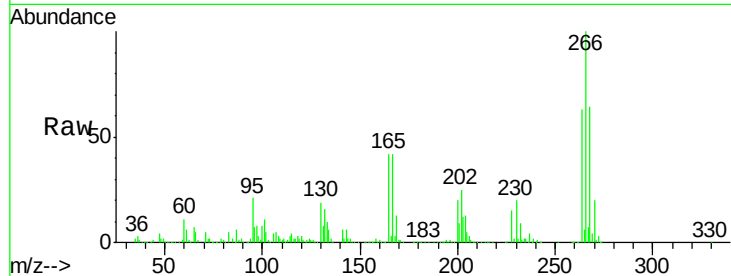
#69
 Pentachlorophenol
 Concen: 99.96 ng
 RT: 17.07 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	500375		
268	64.3	48.6	72.8	
264	63.2	50.1	75.1	

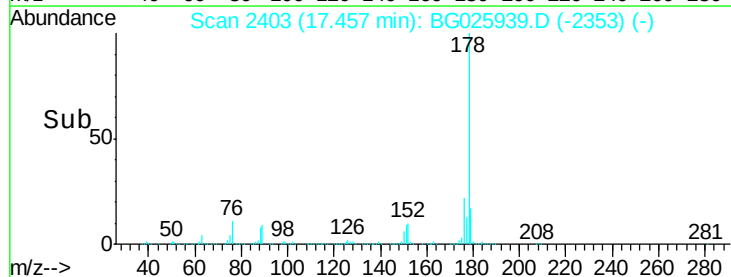
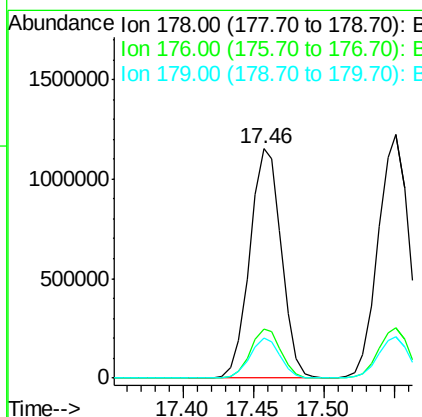
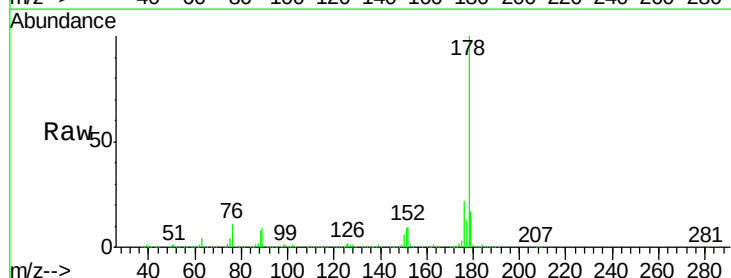
Manual Integrations
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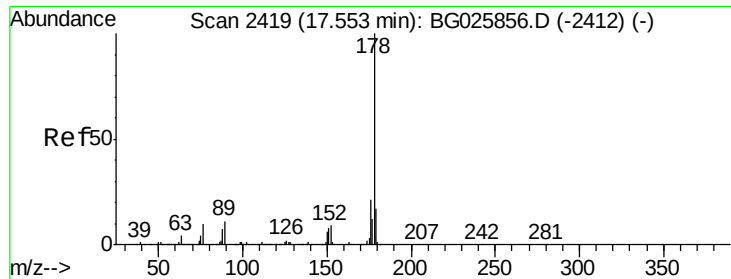
mohammad
 2/27/2017 1:06:58 PM



#70
 Phenanthrene
 Concen: 44.33 ng
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1807956		
176	21.7	17.7	26.5	
179	17.4	15.0	22.6	





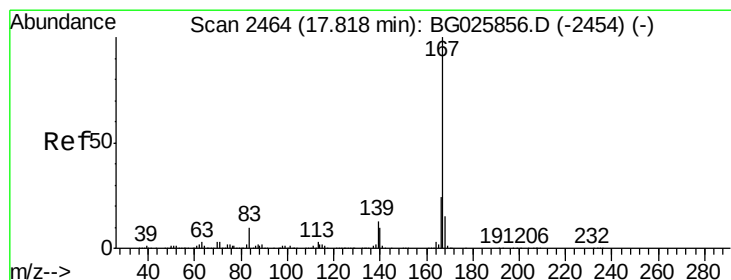
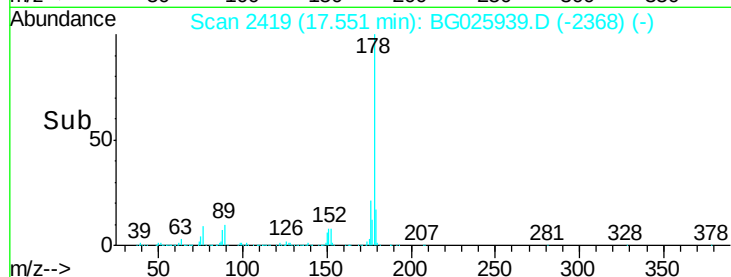
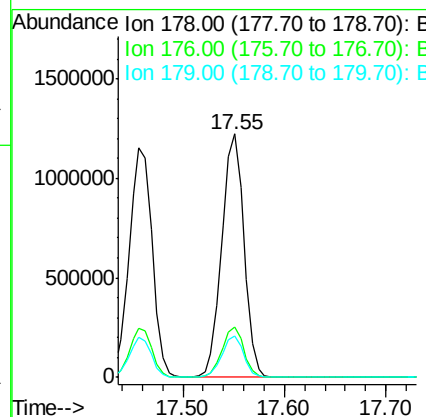
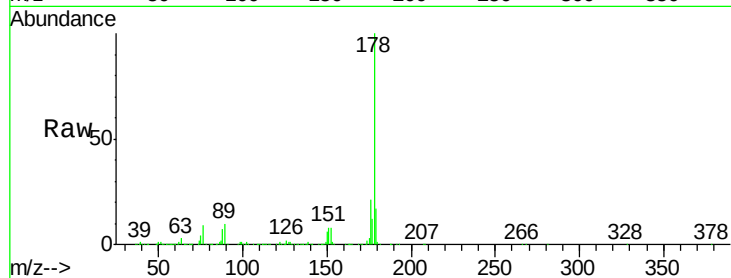
#71
 Anthracene
 Concen: 44.76 ng
 RT: 17.55 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.9	13.8	20.8

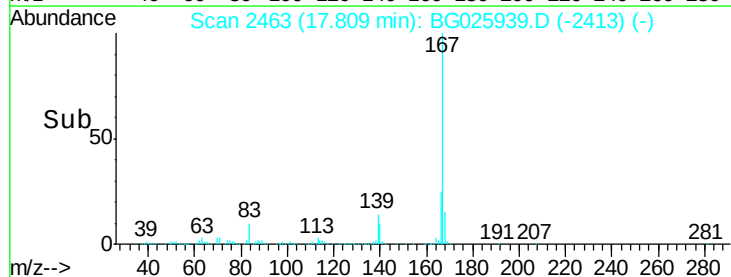
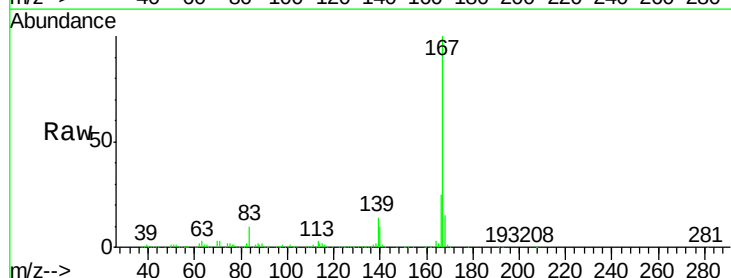
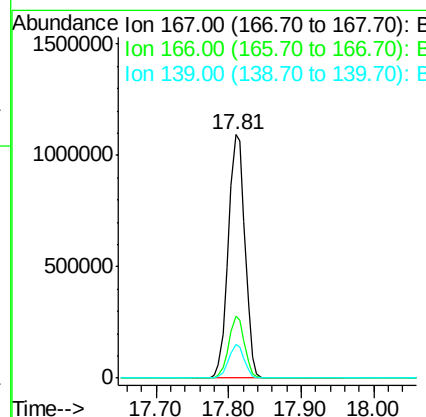
Manual Integrations
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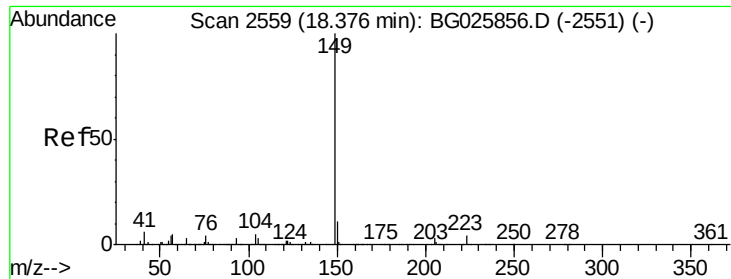
mohammad
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#72
 Carbazole
 Concen: 41.89 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	20.2	30.2
139	13.7	12.8	19.2





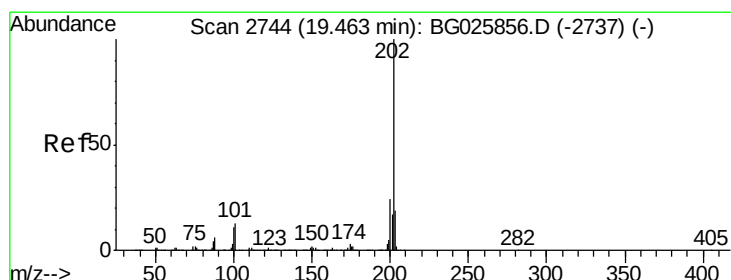
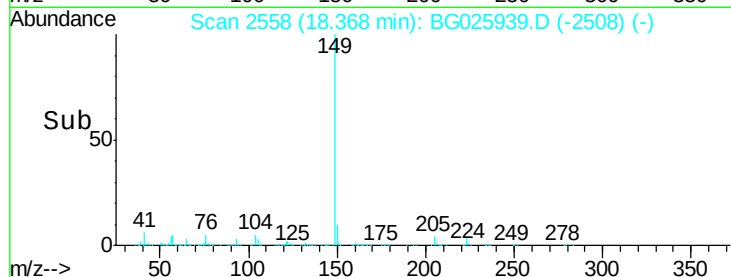
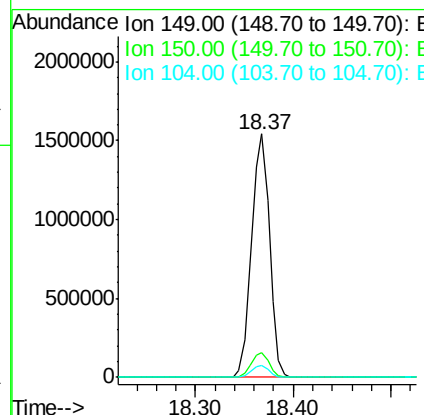
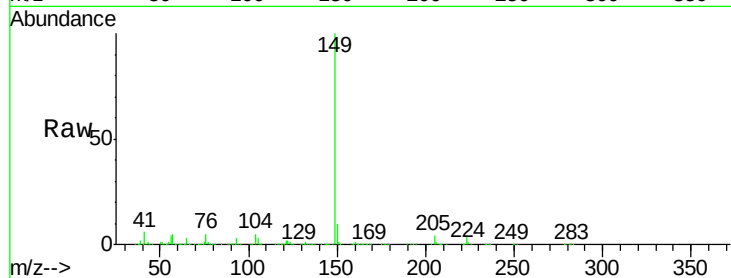
#73
Di-n-butylphthalate
Concen: 48.49 ng
RT: 18.37 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.1	13.7
104	5.0	6.7	10.1

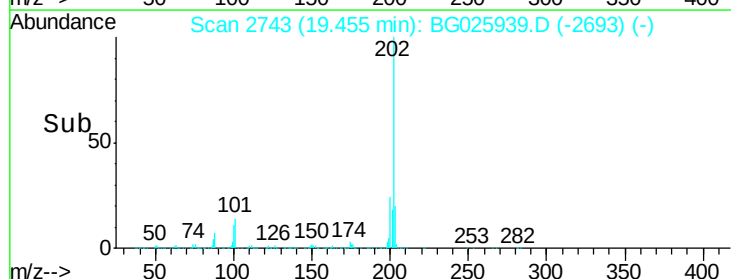
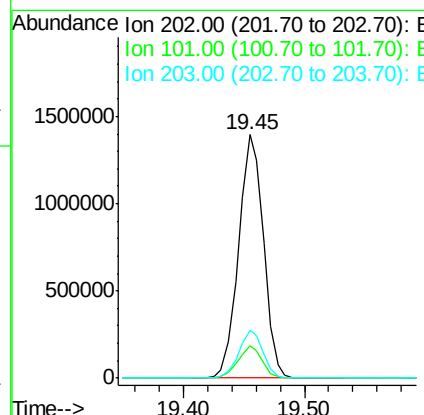
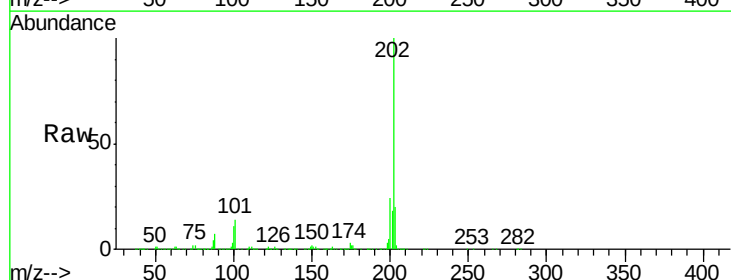
Manual Integrations
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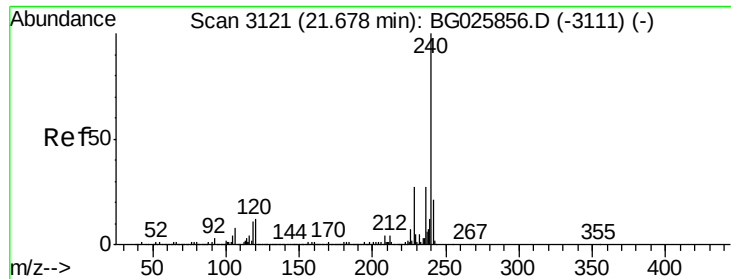
mohammad
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#74
Fluoranthene
Concen: 44.50 ng
RT: 19.45 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.1
203	19.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion:240 Resp: 760325

Ion Ratio Lower Upper

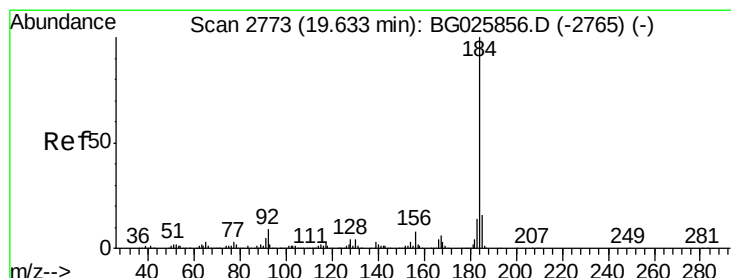
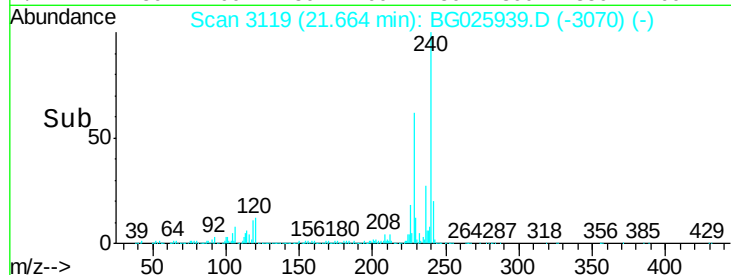
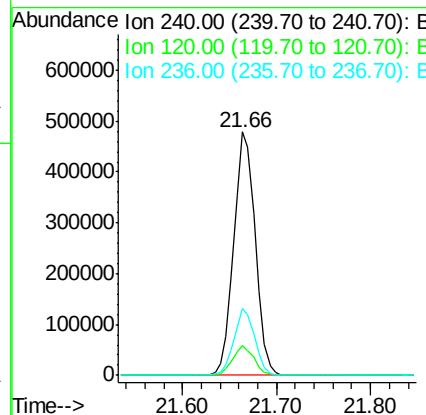
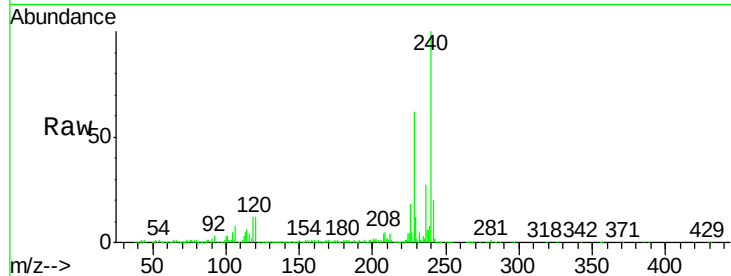
240 100

120 12.1 5.7 8.5#

236 27.3 22.2 33.4

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#76

Benzidine

Concen: 34.48 ng

RT: 19.62 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

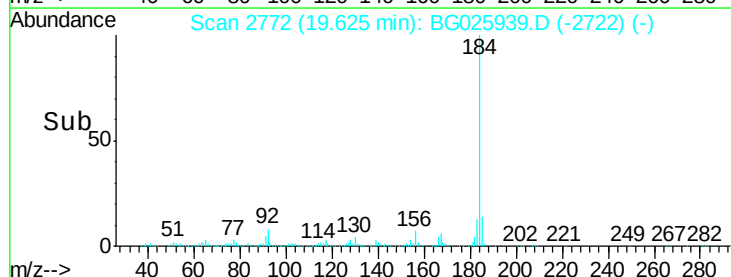
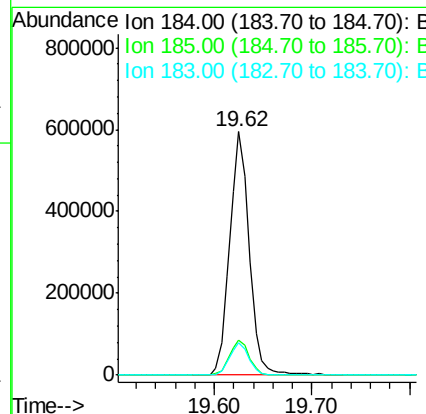
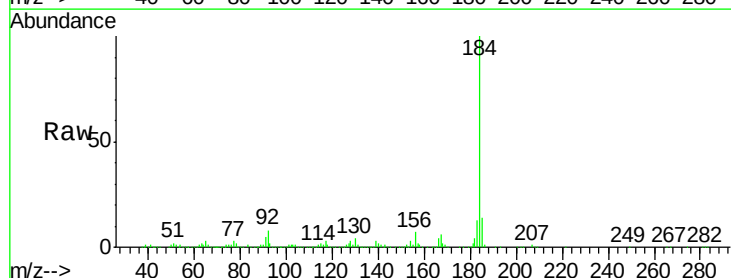
Tgt Ion:184 Resp: 827572

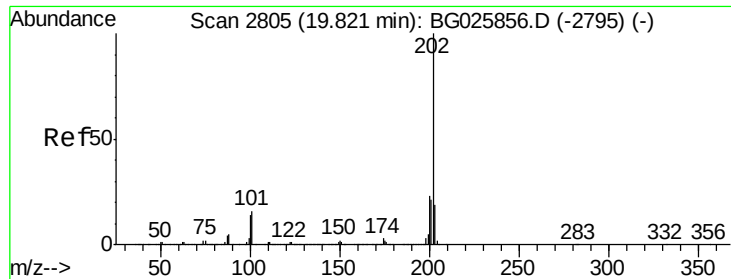
Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

183 13.2 11.0 16.6





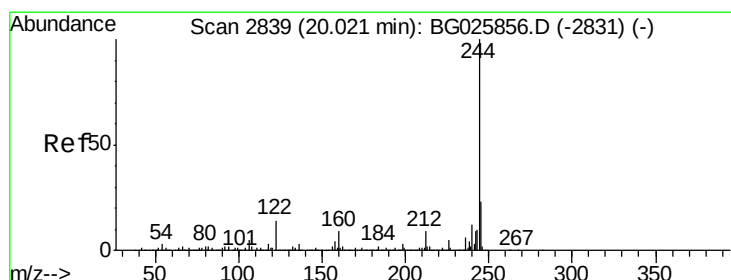
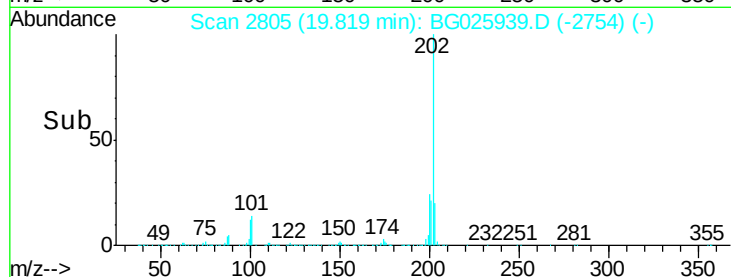
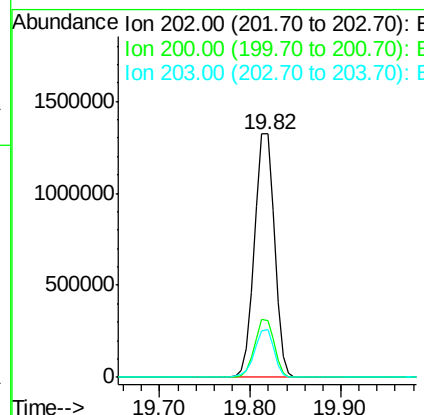
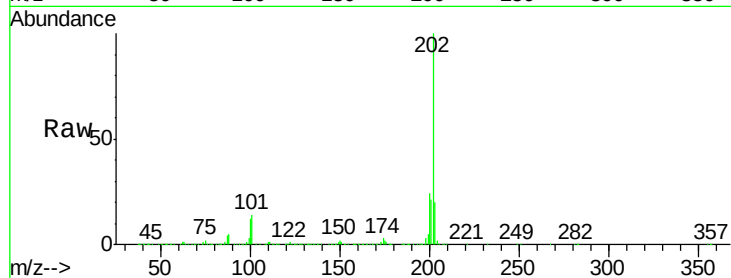
#77
 Pyrene
 Concen: 41.88 ng
 RT: 19.82 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	19.6	29.4
203	19.6	15.8	23.8

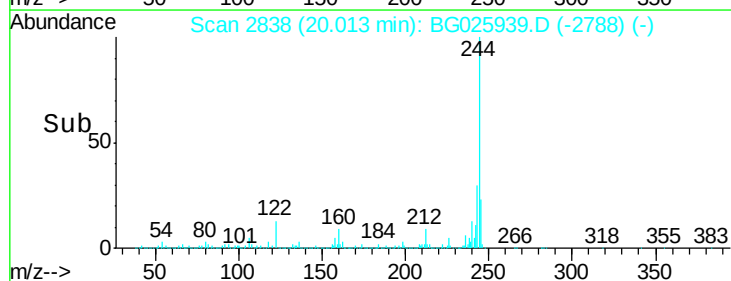
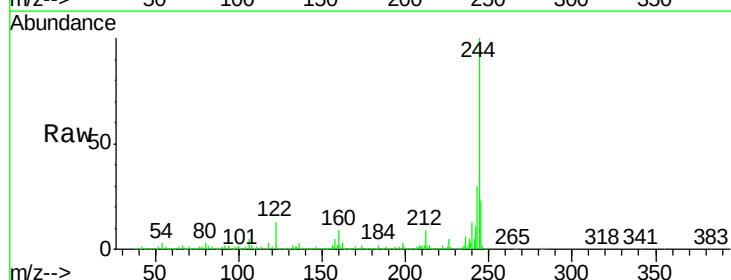
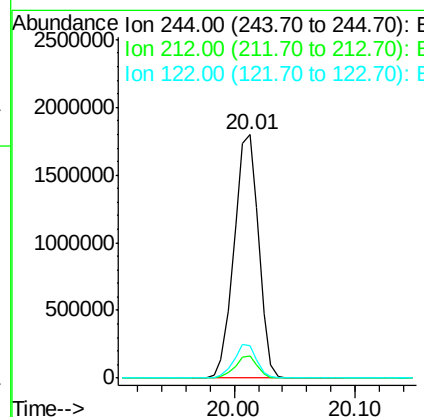
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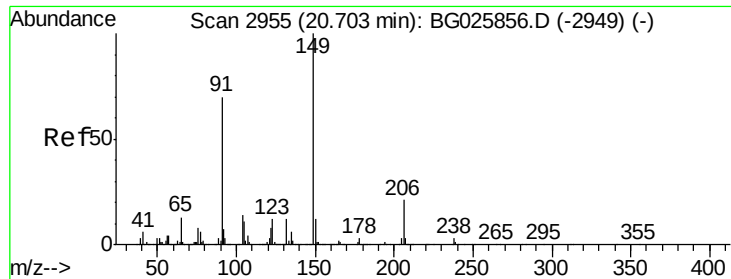
mohammad
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#78
 Terphenyl-d14
 Concen: 81.12 ng
 RT: 20.01 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	13.5	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 49.07 ng

RT: 20.69 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

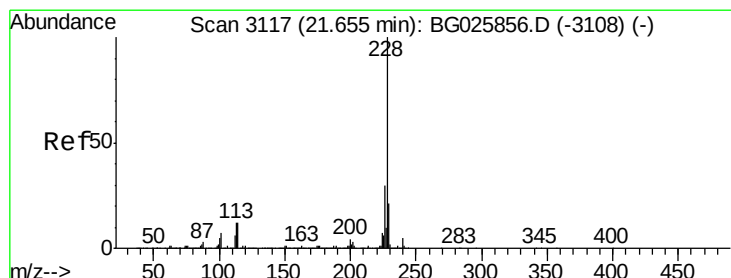
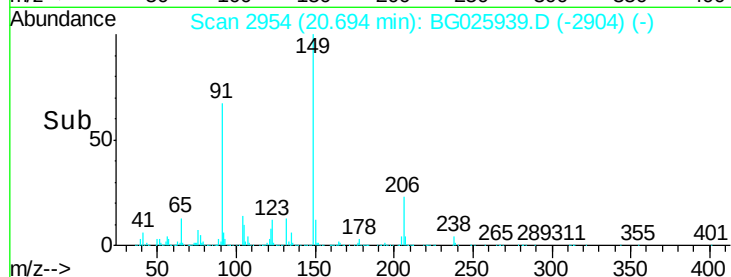
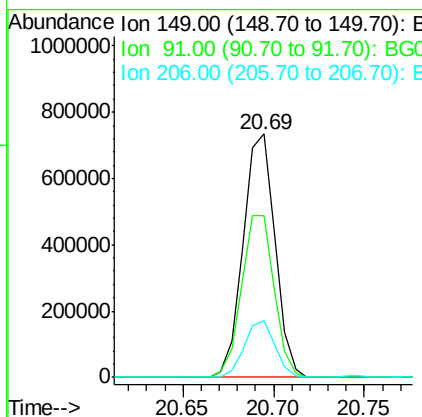
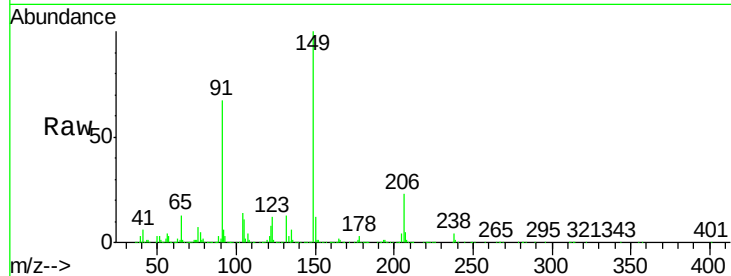
ClientSampleId :

PB97159BS

Tgt	Ion	149	Resp:	895430
	Ion	Ratio	Lower	Upper
	149	100		
	91	66.6	63.5	95.3
	206	23.2	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 43.99 ng

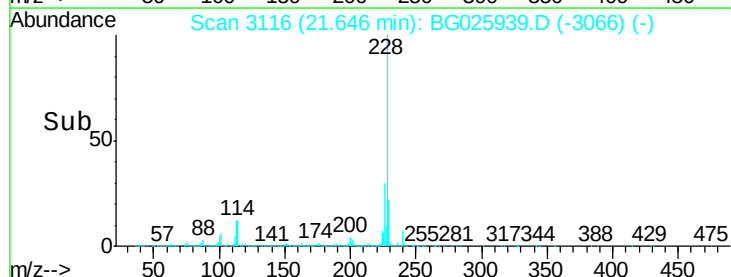
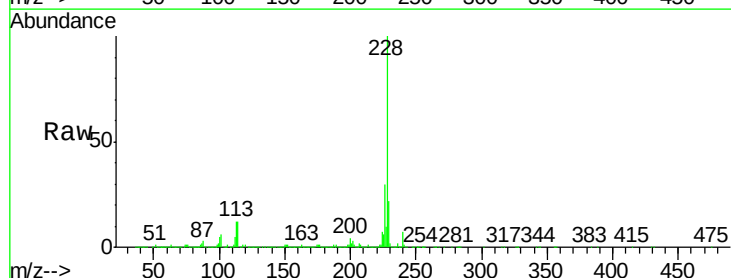
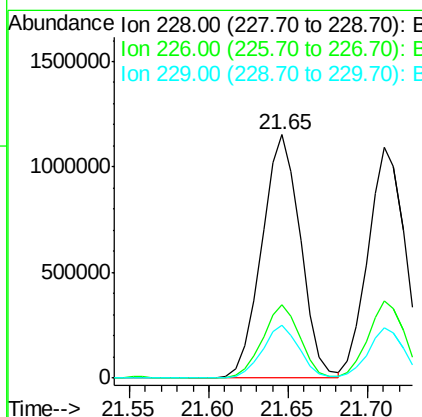
RT: 21.65 min Scan# 3116

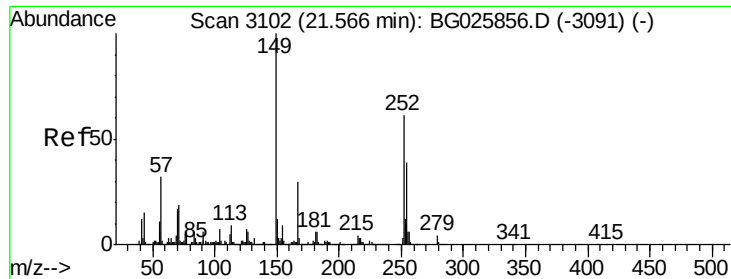
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt	Ion	228	Resp:	1952681
	Ion	Ratio	Lower	Upper
	228	100		
	226	30.2	24.9	37.3
	229	21.5	18.2	27.2





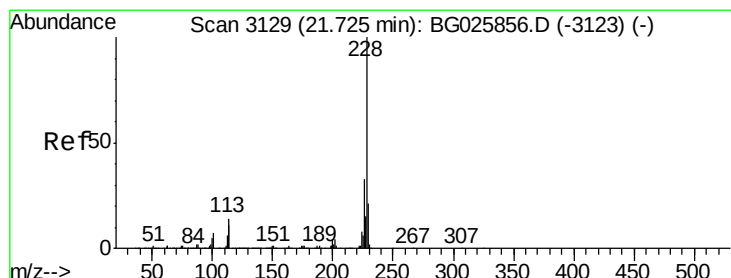
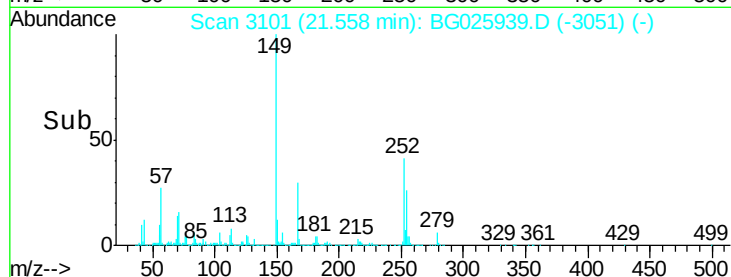
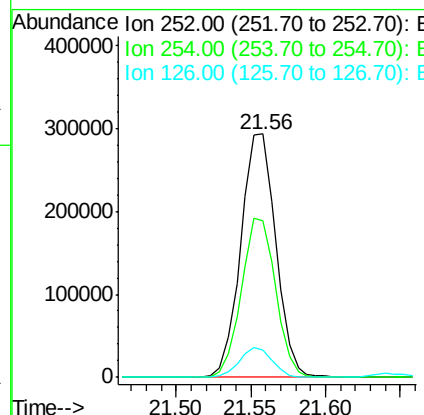
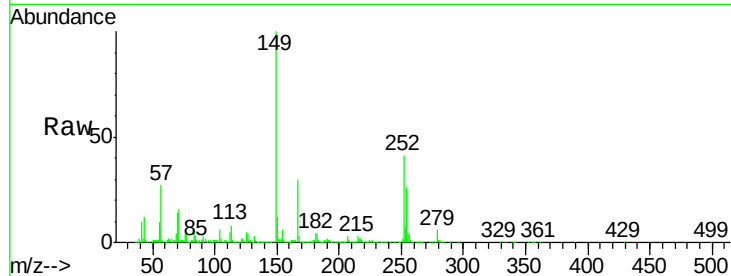
#81
 3,3'-Dichlorobenzidine
 Concen: 30.19 ng
 RT: 21.56 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97159BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.1	79.7
126	11.1	7.0	10.4

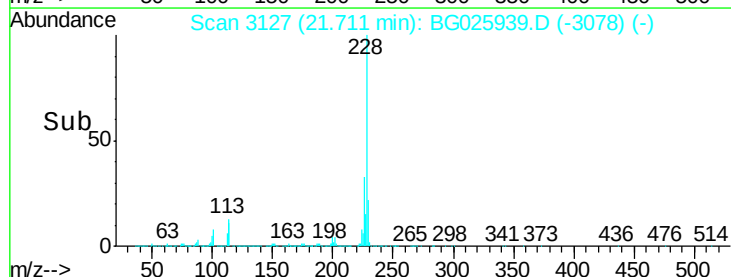
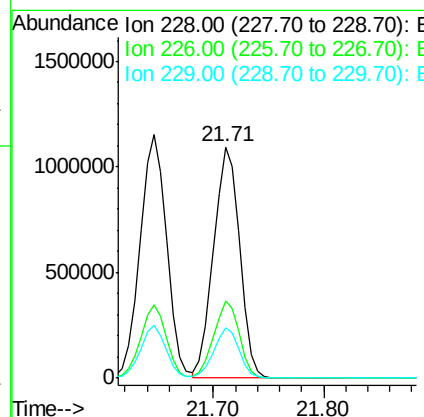
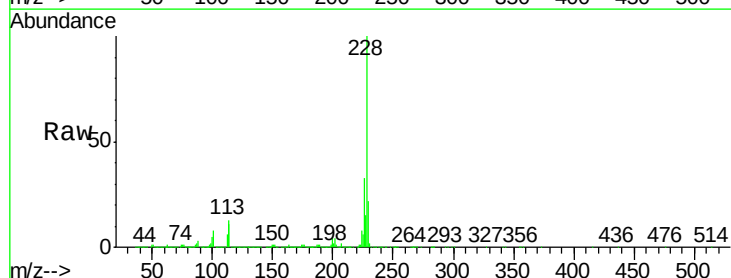
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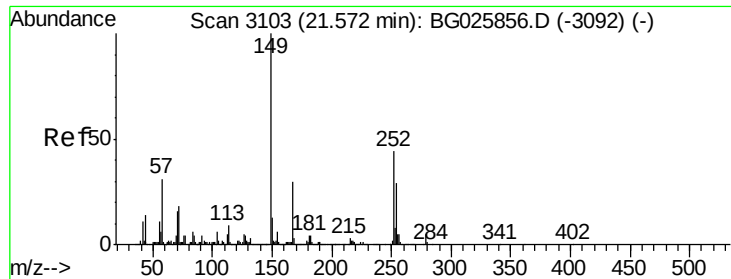
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#82
 Chrysene
 Concen: 41.57 ng
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG025939.D
 Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.0	40.4
229	21.7	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.31 ng

RT: 21.55 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion:149 Resp: 1272891

Ion Ratio Lower Upper

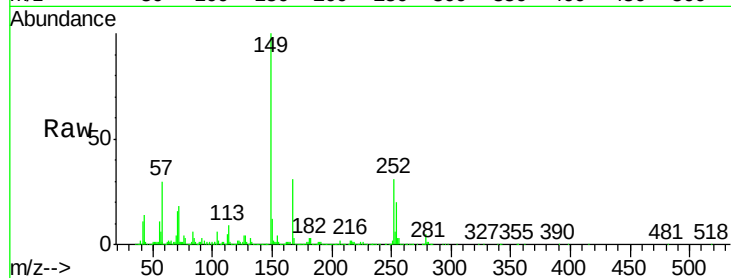
149 100

167 31.2 23.7 35.5

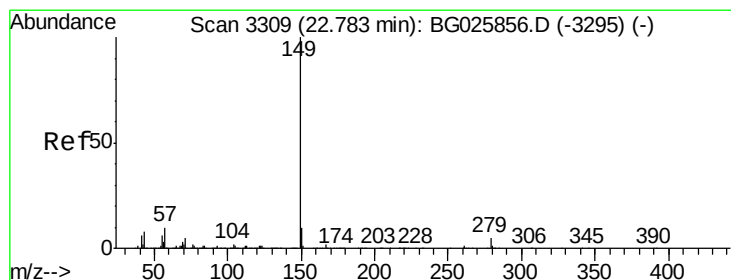
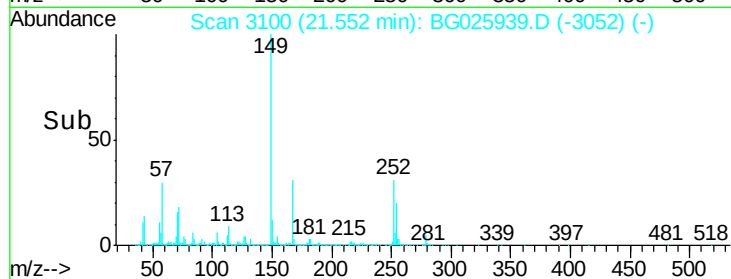
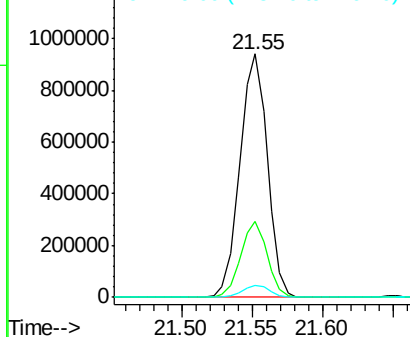
279 4.8 4.6 6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.14 ng

RT: 22.76 min Scan# 3305

Delta R.T. -0.03 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

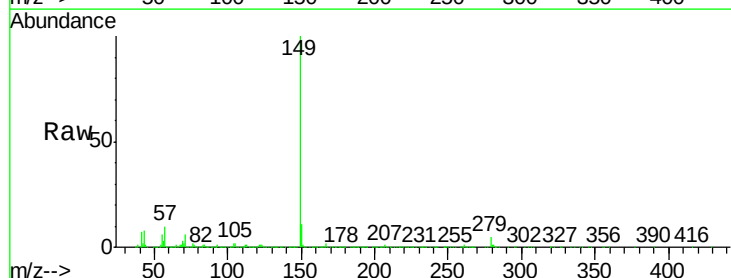
Tgt Ion:149 Resp: 2225530

Ion Ratio Lower Upper

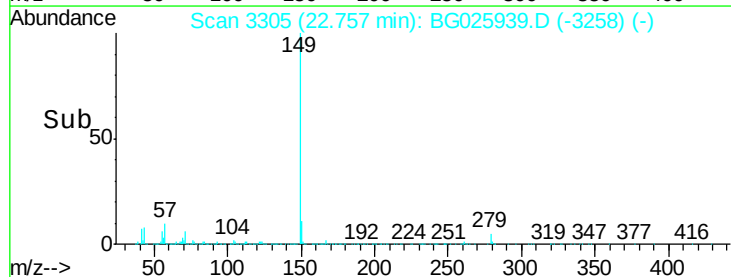
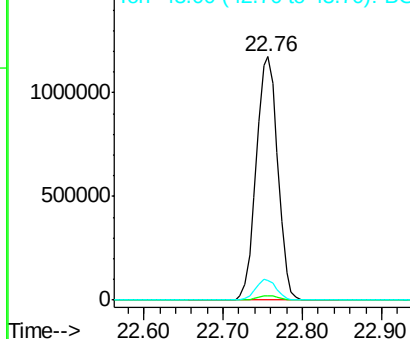
149 100

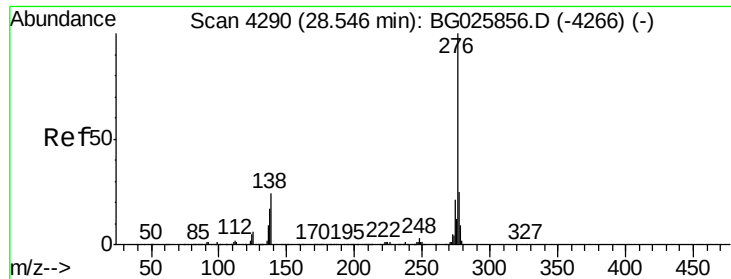
167 1.7 1.4 2.2

43 8.3 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.47 ng

RT: 28.54 min Scan# 4289

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampled :

PB97159BS

Tgt Ion:276 Resp: 2336385

Ion Ratio Lower Upper

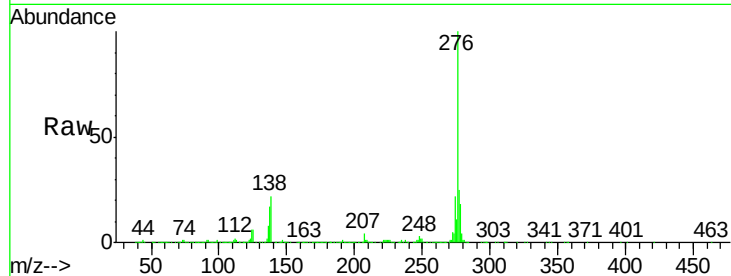
276 100

138 27.6 4.7 7.1#

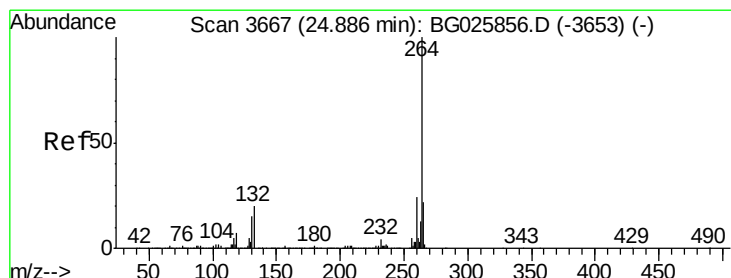
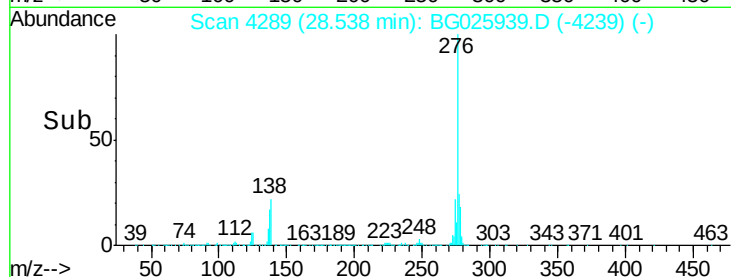
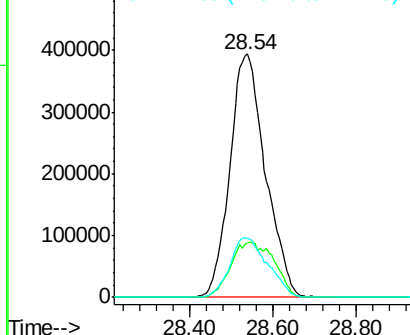
277 26.2 20.6 31.0

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

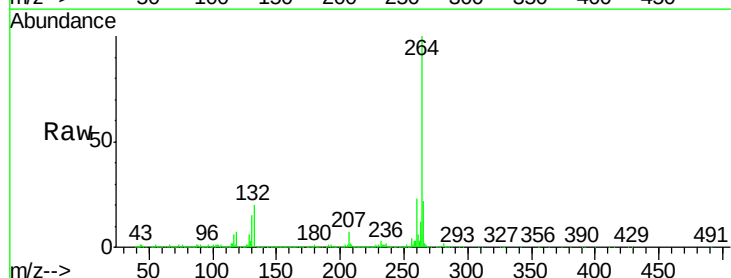
Tgt Ion:264 Resp: 738027

Ion Ratio Lower Upper

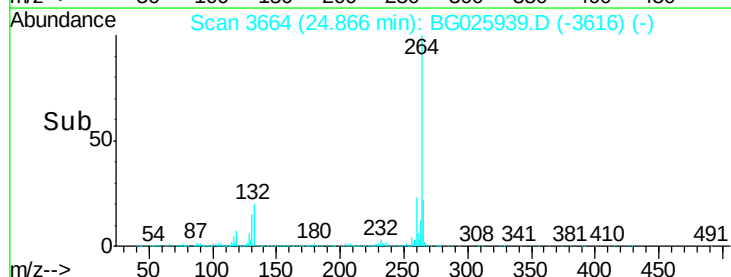
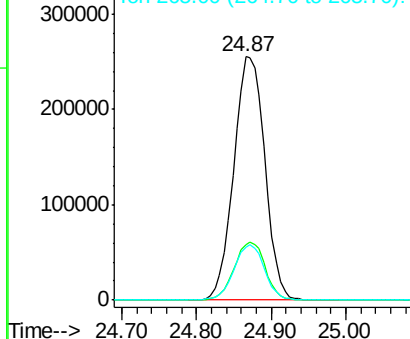
264 100

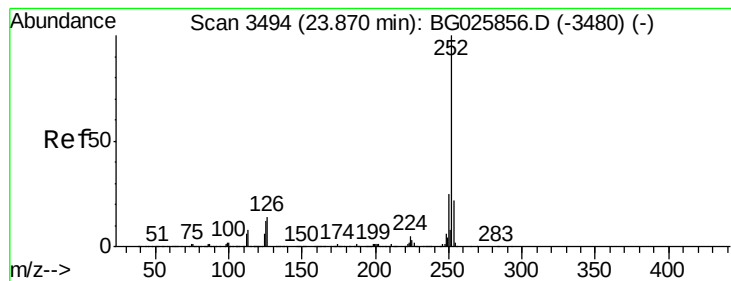
260 22.9 21.8 32.8

265 22.0 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 45.83 ng

RT: 23.86 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

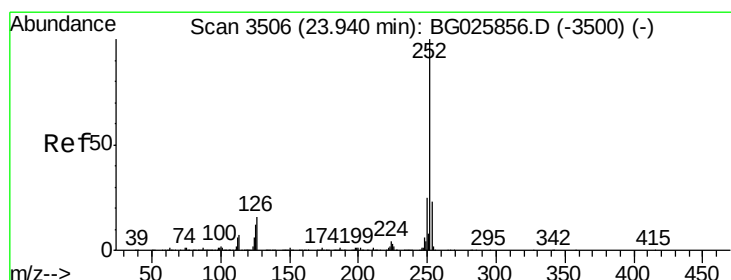
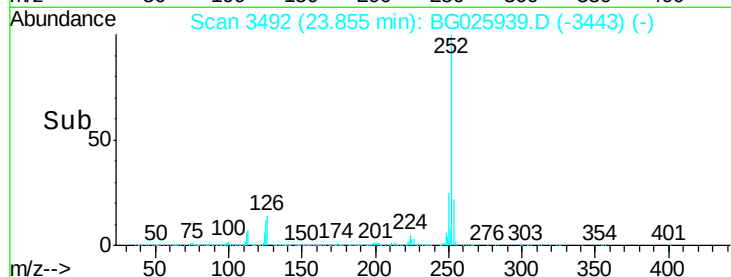
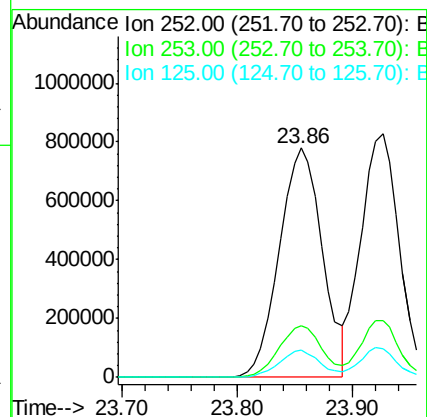
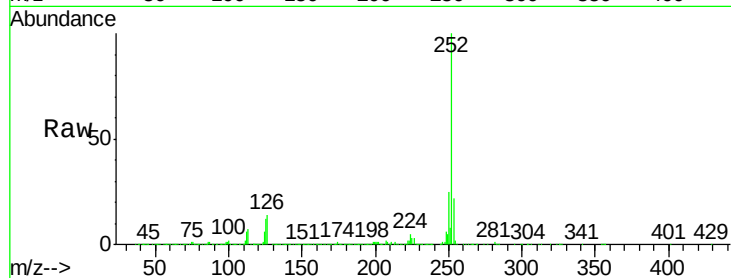
ClientSampled :

PB97159BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	11.7	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 44.21 ng

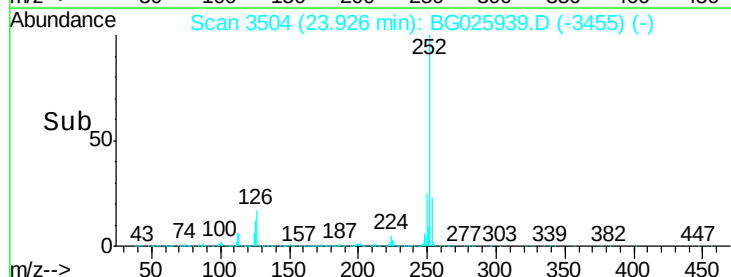
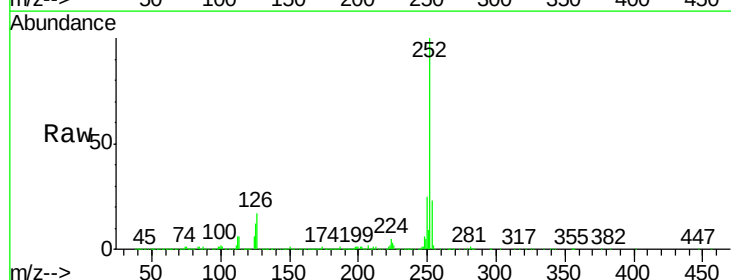
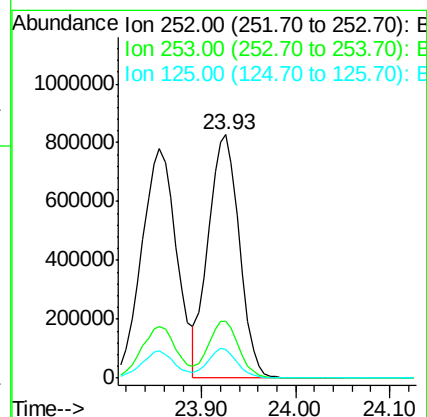
RT: 23.93 min Scan# 3504

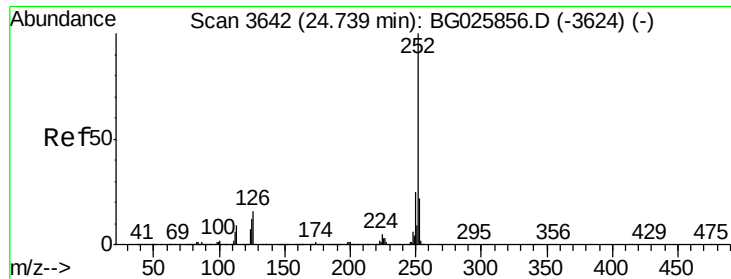
Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.2
125	11.8	5.1	7.7#





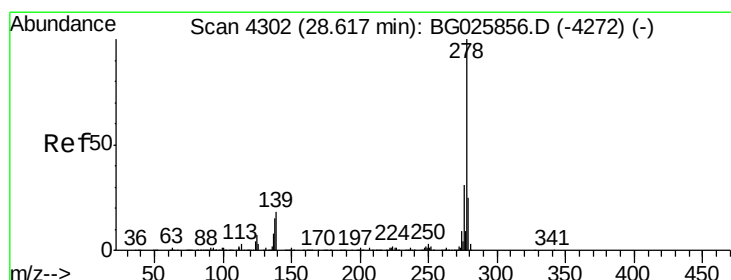
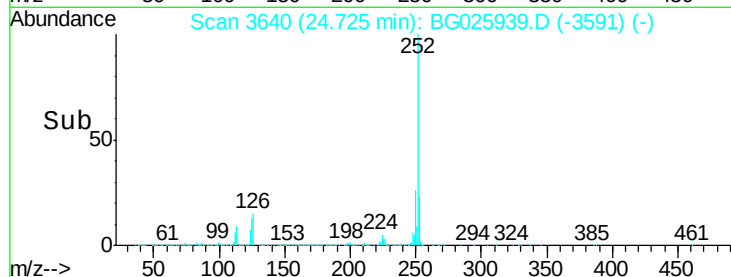
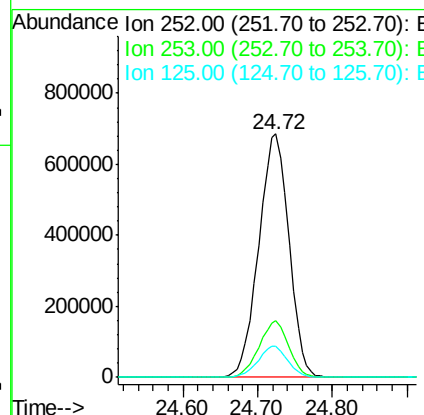
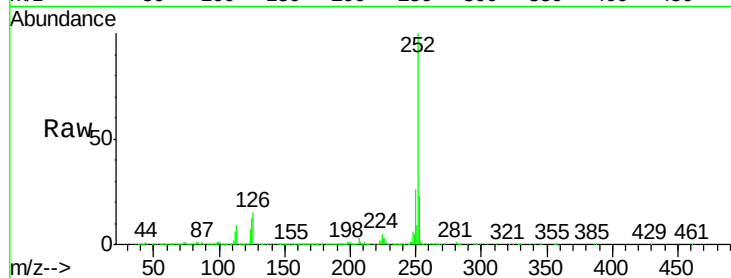
#89
Benzo(a)pyrene
Concen: 46.00 ng
RT: 24.72 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	12.7	5.4	8.0#

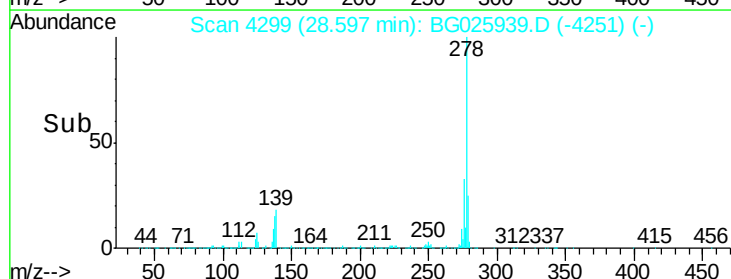
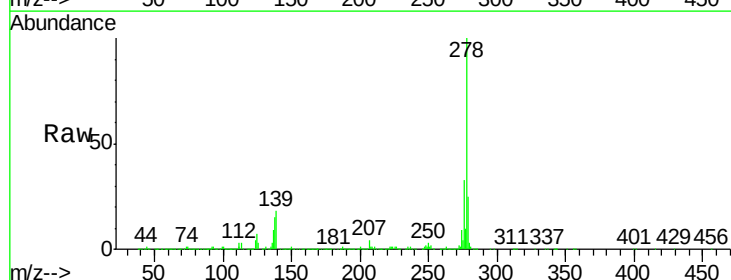
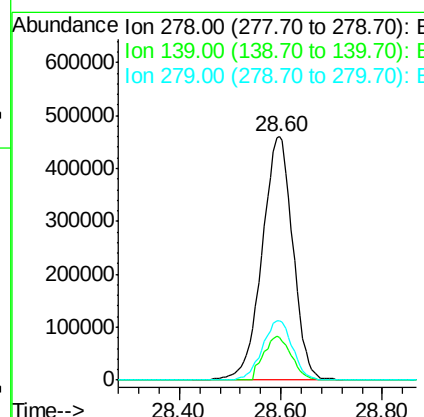
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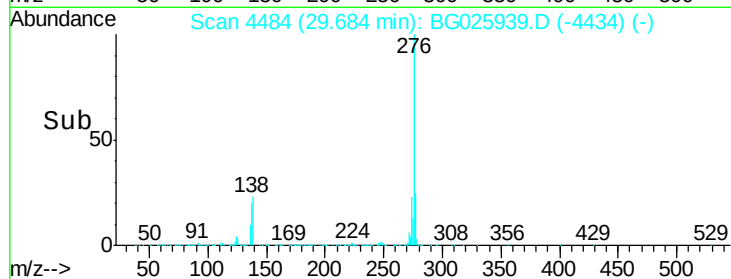
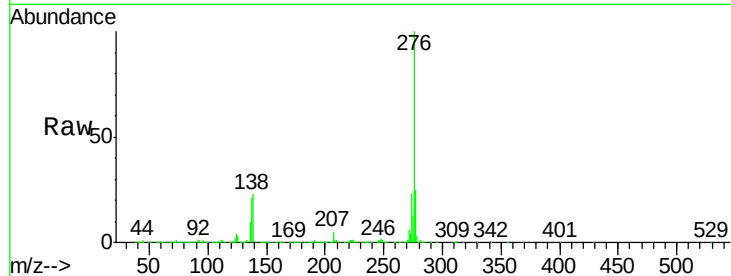
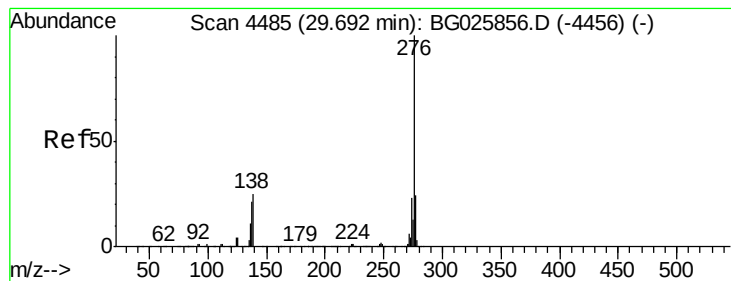
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 46.05 ng
RT: 28.60 min Scan# 4299
Delta R.T. -0.02 min
Lab File: BG025939.D
Acq: 24 Feb 2017 19:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5#
279	24.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 45.67 ng

RT: 29.68 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG025939.D

Acq: 24 Feb 2017 19:39

Instrument :

BNA_G

ClientSampleId :

PB97159BS

Tgt Ion: 276 Resp: 1925513

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 22.8 8.1 12.1#

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