

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
 Data File : BG025864.D
 Acq On : 17 Feb 2017 18:19
 Operator : SJ/MA
 Sample : PB97017BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Manual Integrations
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mohammad
 2/20/2017 12:58:36 PM

Quant Time: Feb 20 09:56:33 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	8.09	152	93388	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	455361	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	340636	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	753014	20.00	ng	0.00
75) Chrysene-d12	21.67	240	745375	20.00	ng	0.00
86) Perylene-d12	24.89	264	735269	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	527555	98.35	ng	0.00
7) Phenol-d6	7.24	99	739459	93.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	596340	82.65	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	287222	91.27	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1616803	82.94	ng	0.00
78) Terphenyl-d14	20.02	244	2298216	74.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	77833	31.75	ng	# 87
3) Pyridine	3.95	79	235555	32.24	ng	# 76
4) n-Nitrosodimethylamine	3.85	42	104660	39.84	ng	# 42
6) Aniline	7.41	93	248904	22.55	ng	93
8) 2-Chlorophenol	7.65	128	291868	45.78	ng	89
9) Benzaldehyde	7.22	77	49936	10.62	ng	# 68
10) Phenol	7.27	94	403734	46.81	ng	# 73
11) bis(2-Chloroethyl)ether	7.50	93	269901	38.07	ng	92
12) 1,3-Dichlorobenzene	7.98	146	286189	38.84	ng	# 89
13) 1,4-Dichlorobenzene	8.12	146	295505m	39.58	ng	
14) 1,2-Dichlorobenzene	8.45	146	282426	38.54	ng	92
15) Benzyl Alcohol	8.32	79	262016	45.08	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.62	45	378583	36.80	ng	94
17) 2-Methylphenol	8.52	107	273811	44.06	ng	# 82
18) Hexachloroethane	9.18	117	95925	38.77	ng	87
19) n-Nitroso-di-n-propylamine	8.89	70	220402	38.02	ng	# 84
20) 3+4-Methylphenols	8.84	107	385787	43.58	ng	86
22) Acetophenone	8.90	105	428724	39.24	ng	# 80
24) Nitrobenzene	9.28	77	312893	40.10	ng	# 81
25) Isophorone	9.81	82	634149	39.94	ng	# 92
26) 2-Nitrophenol	10.00	139	157570	43.18	ng	# 68
27) 2,4-Dimethylphenol	10.05	122	314454	46.17	ng	88
28) bis(2-Chloroethoxy)methane	10.29	93	398457	39.60	ng	# 97
29) 2,4-Dichlorophenol	10.53	162	309471	47.61	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	284301	40.22	ng	98
31) Naphthalene	10.94	128	917462	38.97	ng	99
32) Benzoic acid	10.16	122	218638	42.05	ng	# 81
33) 4-Chloroaniline	11.04	127	96041	9.39	ng	# 87
34) Hexachlorobutadiene	11.23	225	155315	38.61	ng	99
35) Caprolactam	11.80	113	125921m	47.97	ng	
36) 4-Chloro-3-methylphenol	12.14	107	362728	46.64	ng	# 80
37) 2-Methylnaphthalene	12.54	142	726988	40.54	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	316954	37.12	ng	98
40) Hexachlorocyclopentadiene	12.88	237	386334	82.69	ng	94

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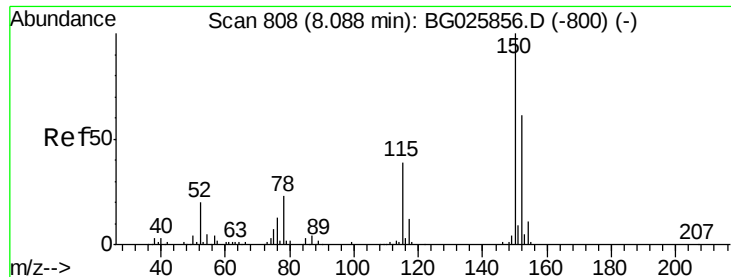
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	257717	46.74	ng	94
43) 2,4,5-Trichlorophenol	13.20	196	274452	43.85	ng #	93
45) 1,1'-Biphenyl	13.53	154	962469	38.99	ng	98
46) 2-Chloronaphthalene	13.58	162	712521	39.93	ng	97
47) 2-Nitroaniline	13.76	65	250742	44.30	ng #	73
48) Acenaphthylene	14.41	152	1269218	39.94	ng	99
49) Dimethylphthalate	14.14	163	1013604	43.37	ng	99
50) 2,6-Dinitrotoluene	14.25	165	230124	43.84	ng #	69
51) Acenaphthene	14.75	154	928570	44.25	ng	98
52) 3-Nitroaniline	14.57	138	109207	18.60	ng #	75
53) 2,4-Dinitrophenol	14.79	184	264647	96.34	ng #	86
54) Dibenzofuran	15.09	168	1212394	43.34	ng	91
55) 4-Nitrophenol	14.88	139	450642	94.30	ng #	48
56) 2,4-Dinitrotoluene	15.04	165	330536	46.80	ng #	77
57) Fluorene	15.73	166	1020279	40.81	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	270249	48.94	ng	97
59) Diethylphthalate	15.50	149	1068410	44.20	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	470746	40.64	ng	95
61) 4-Nitroaniline	15.74	138	269472	44.27	ng #	55
62) Azobenzene	16.01	77	971624	46.76	ng	87
64) 4,6-Dinitro-2-methylphenol	15.80	198	182294	41.37	ng	92
65) n-Nitrosodiphenylamine	15.93	169	938127	41.08	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	322120	40.81	ng	98
67) Hexachlorobenzene	16.73	284	320821	39.44	ng	96
68) Atrazine	16.87	200	329784	40.80	ng	97
69) Pentachlorophenol	17.07	266	424863	84.67	ng	99
70) Phenanthrene	17.47	178	1643459	40.20	ng	97
71) Anthracene	17.55	178	1690622	40.57	ng	99
72) Carbazole	17.81	167	1611823	38.50	ng	97
73) Di-n-butylphthalate	18.38	149	1859799	45.25	ng #	94
74) Fluoranthene	19.46	202	1876177	41.69	ng	94
76) Benzidine	19.63	184	529676	22.51	ng	99
77) Pyrene	19.82	202	1897892	40.26	ng	98
79) Butylbenzylphthalate	20.70	149	809600	45.25	ng	90
80) Benzo(a)anthracene	21.65	228	1780260	40.91	ng	98
81) 3,3'-Dichlorobenzidine	21.57	252	347971	22.43	ng #	98
82) Chrysene	21.72	228	1625284	38.84	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	1168577	45.24	ng	99
84) Di-n-octyl phthalate	22.78	149	1999276	46.87	ng #	87
85) Indeno(1,2,3-cd)pyrene	28.55	276	2087725	42.36	ng #	87
87) Benzo(b)fluoranthene	23.86	252	1800382	40.88	ng #	96
88) Benzo(k)fluoranthene	23.93	252	1777229	41.36	ng #	94
89) Benzo(a)pyrene	24.73	252	1756734	42.13	ng #	94
90) Dibenzo(a,h)anthracene	28.61	278	1732421	41.36	ng #	92
91) Benzo(g,h,i)perylene	29.69	276	1734827	41.30	ng #	86

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



#1

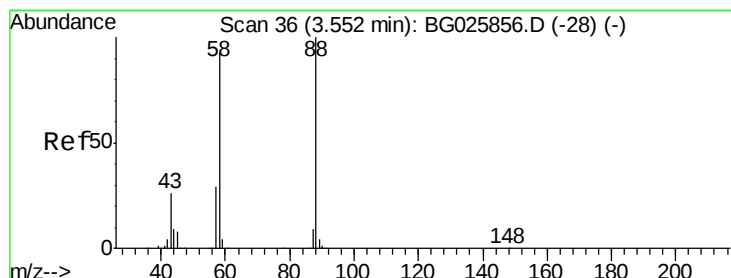
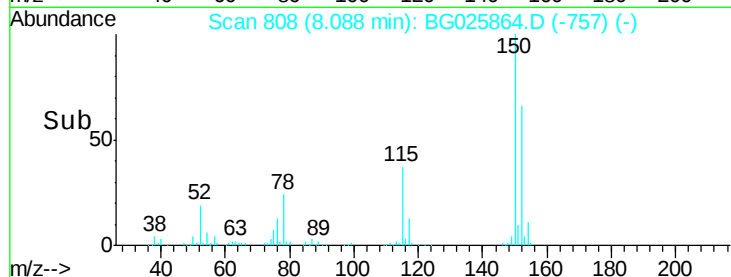
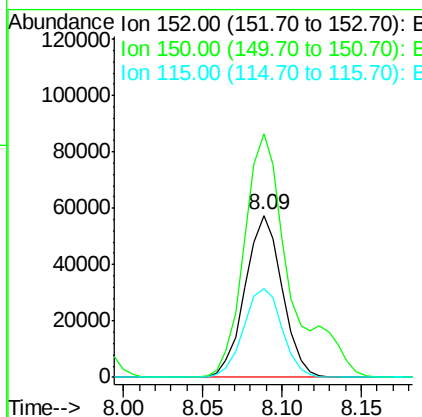
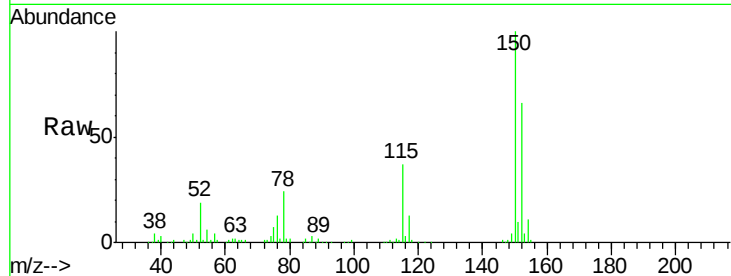
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.5	114.0	171.0
115	55.2	48.1	72.1

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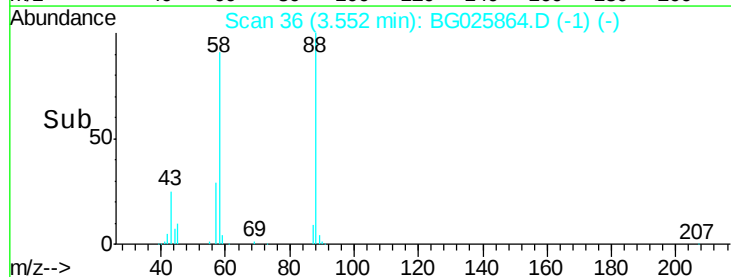
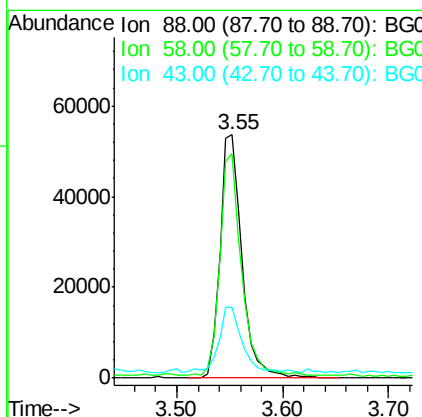
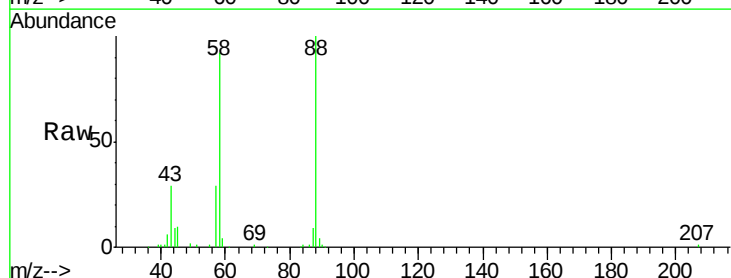
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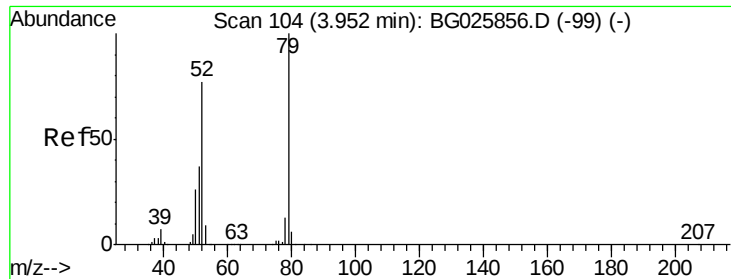


#2

1,4-Dioxane
Concen: 31.75 ng
RT: 3.55 min Scan# 36
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	79.4	119.2
43	28.8	33.8	50.6#





#3

Pyridine

Concen: 32.24 ng

RT: 3.95 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

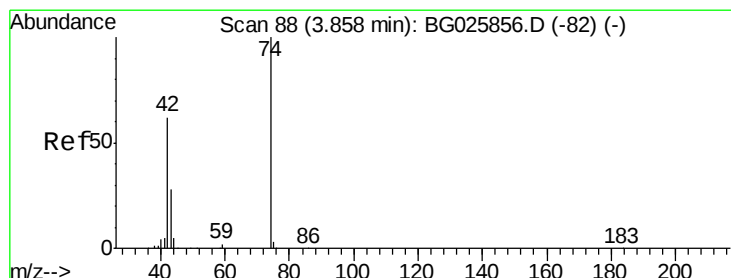
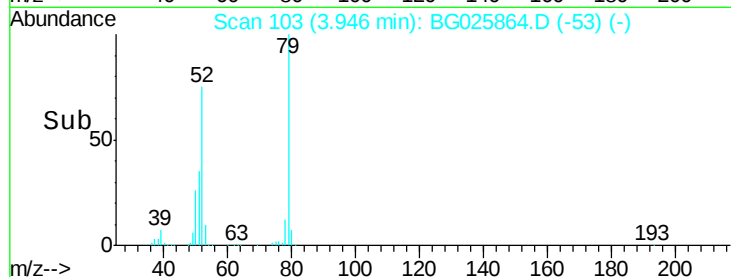
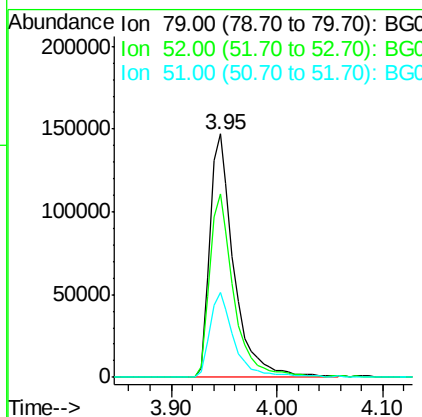
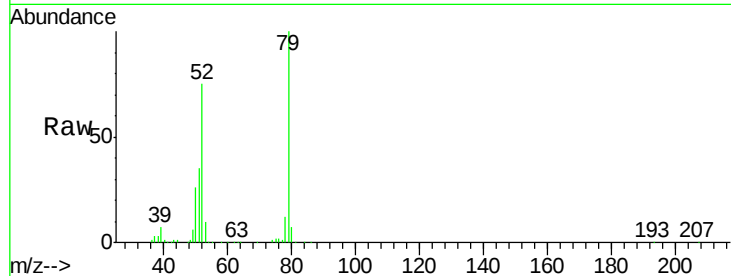
ClientSampleId :

PB97017BS

Tgt Ion:	79	Resp:	235555
Ion Ratio		Lower	Upper
79	100		
52	75.3	77.8	116.6#
51	34.7	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.84 ng

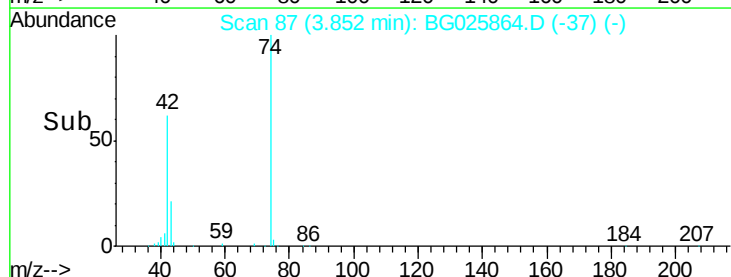
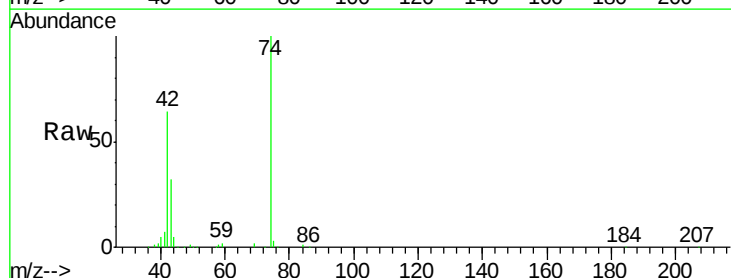
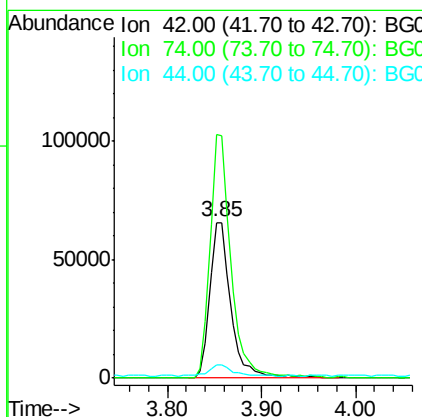
RT: 3.85 min Scan# 87

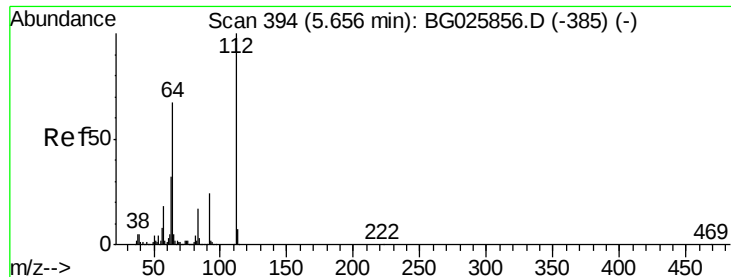
Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	42	Resp:	104660
Ion Ratio		Lower	Upper
42	100		
74	156.4	76.7	115.1#
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 98.35 ng

RT: 5.66 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

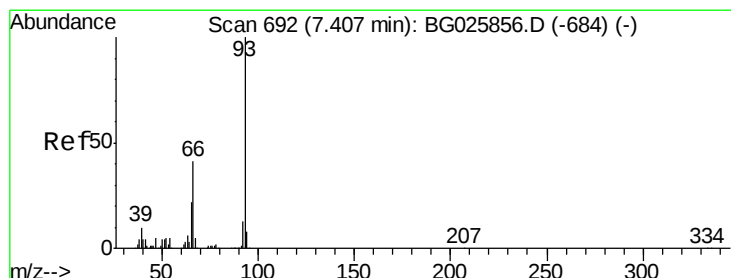
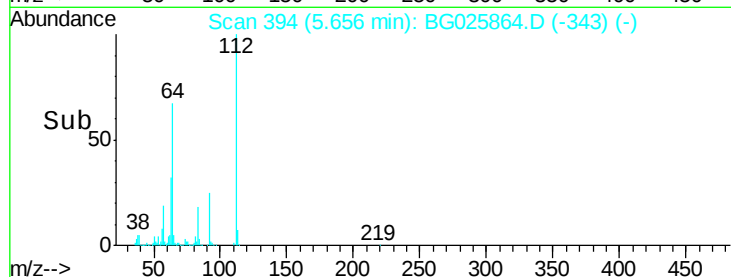
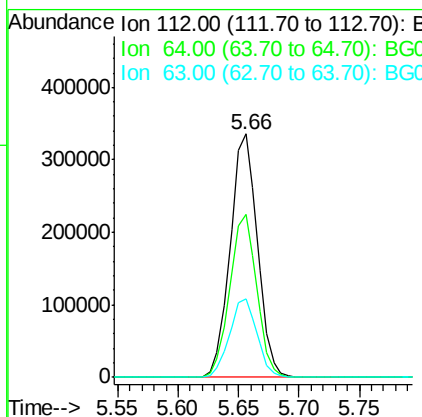
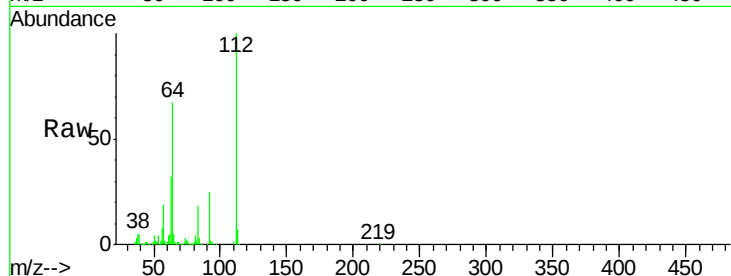
ClientSampleId :

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Tgt Ion:	112	Resp:	527555
Ion Ratio	Lower	Upper	
112	100		
64	66.9	61.8	92.6
63	32.4	37.2	55.8#

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#6

Aniline

Concen: 22.55 ng

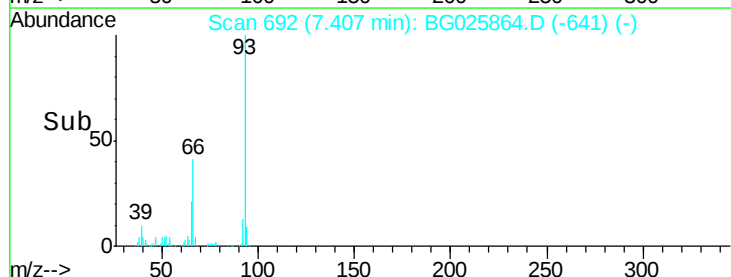
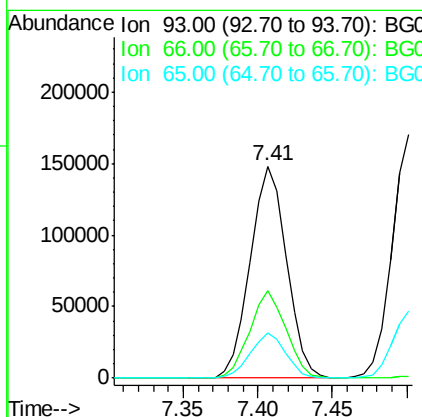
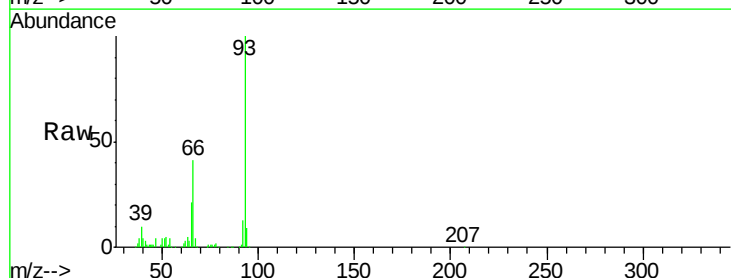
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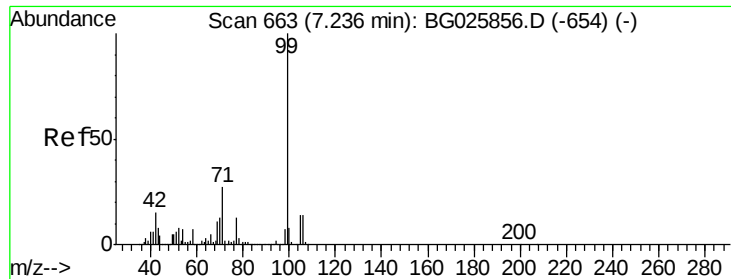
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	93	Resp:	248904
Ion Ratio	Lower	Upper	
93	100		
66	41.4	35.4	53.2
65	21.3	21.2	31.8





#7

Phenol-d6

Concen: 93.16 ng

RT: 7.24 min Scan# 663

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

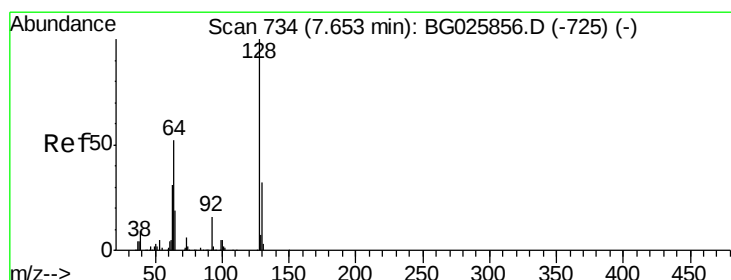
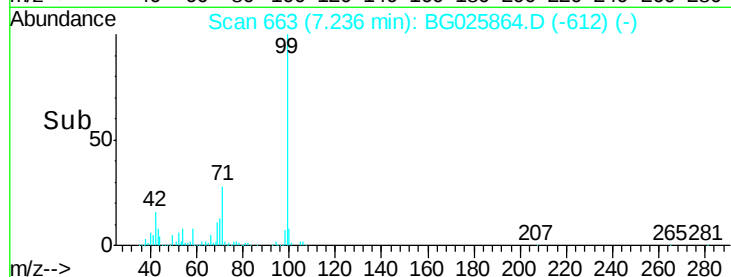
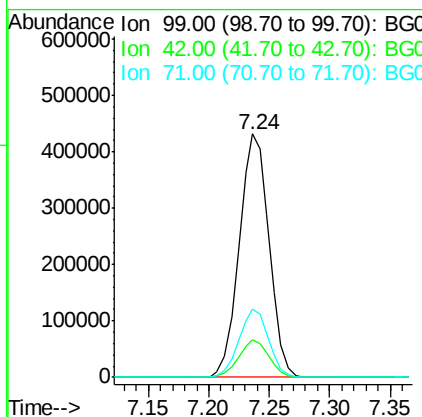
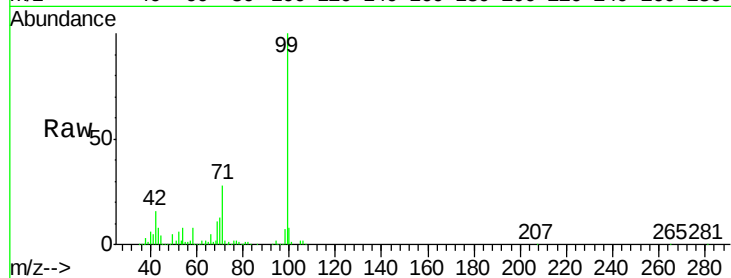
ClientSampleId :

PB97017BS

Tgt Ion:	99	Resp:	739459
Ion Ratio	Lower	Upper	
99	100		
42	15.7	20.5	30.7#
71	28.1	37.6	56.4#

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#8

2-Chlorophenol

Concen: 45.78 ng

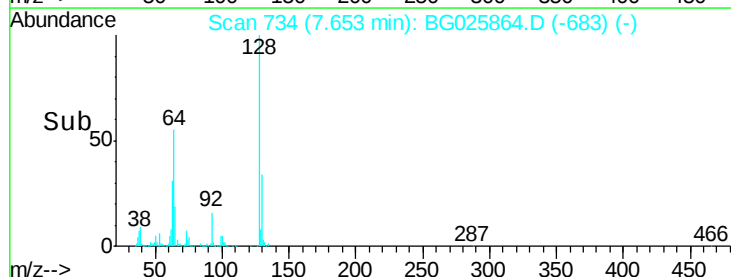
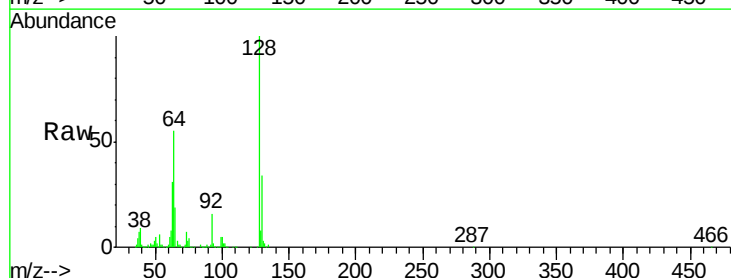
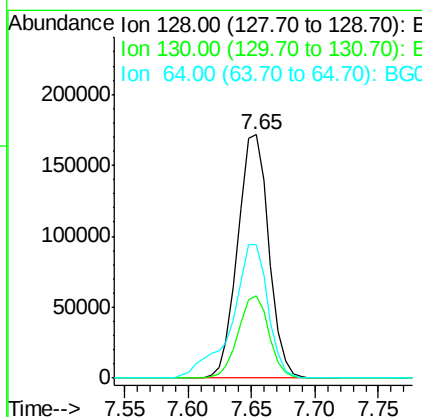
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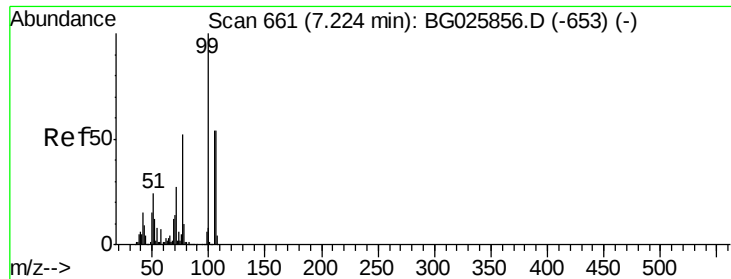
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	128	Resp:	291868
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.4	51.4
64	54.9	46.6	86.6





#9

Benzaldehyde

Concen: 10.62 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

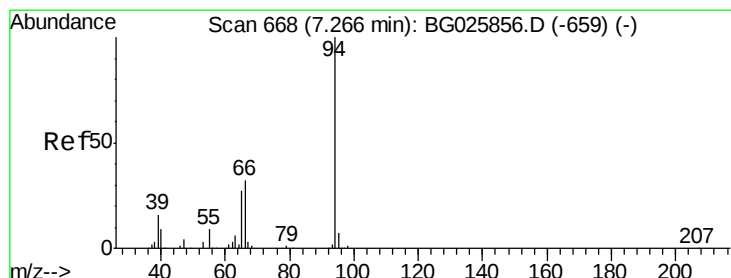
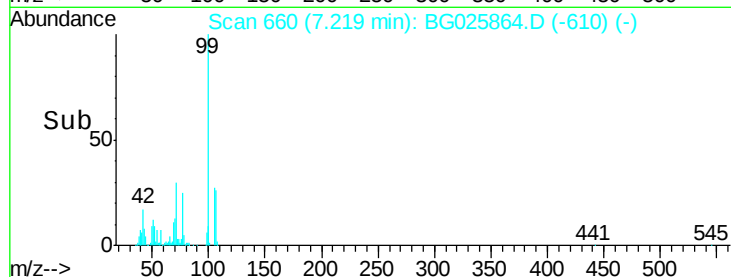
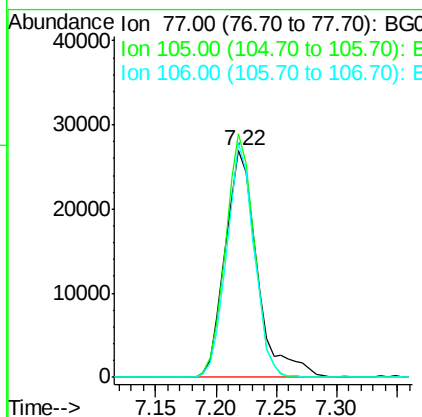
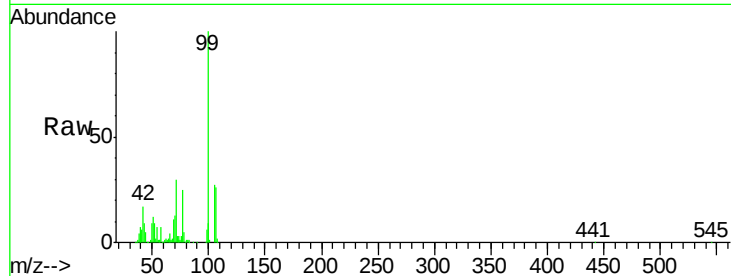
ClientSampleId :

PB97017BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.6	60.9	100.9#
106	103.9	55.1	95.1#

Manual Integrations
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2/20/2017 12:58:36 PM



#10

Phenol

Concen: 46.81 ng

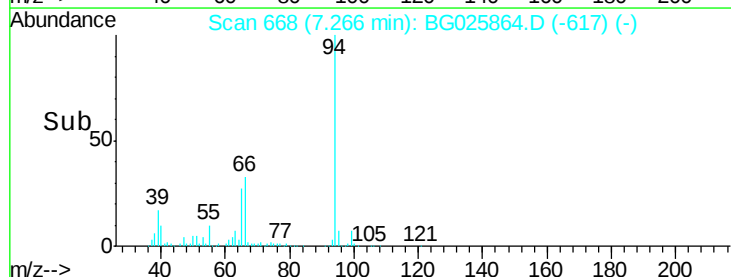
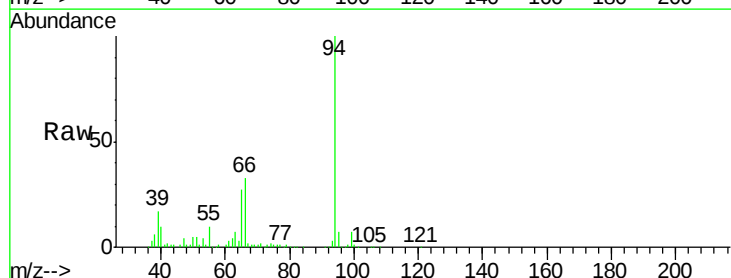
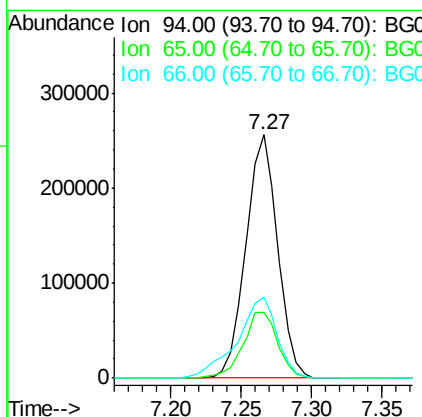
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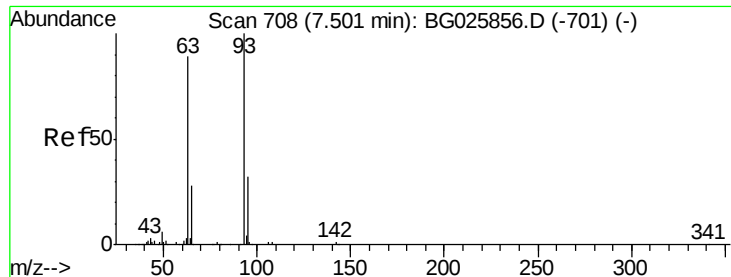
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	20.6	60.6
66	33.1	35.5	75.5#





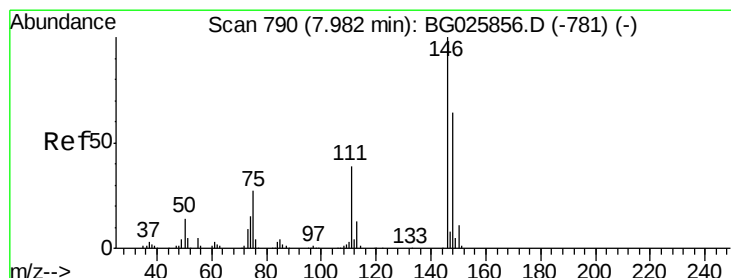
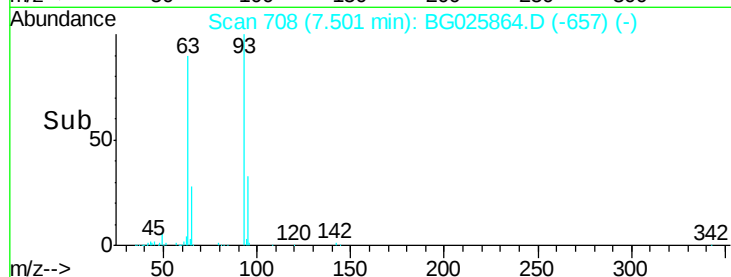
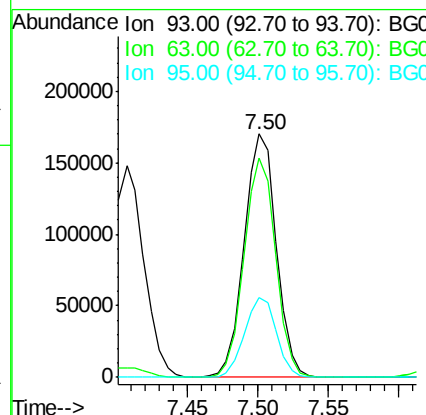
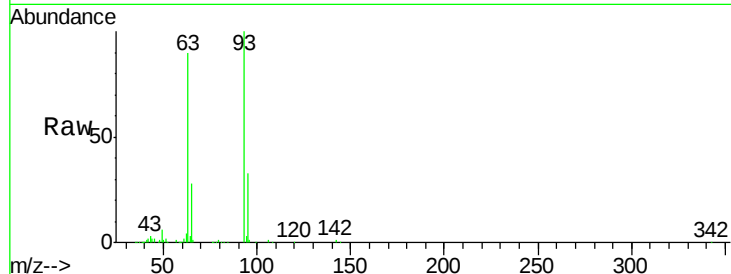
#11
bis(2-Chloroethyl)ether
Concen: 38.07 ng
RT: 7.50 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	269901		
63	90.0	78.5	118.5	
95	33.0	9.8	49.8	

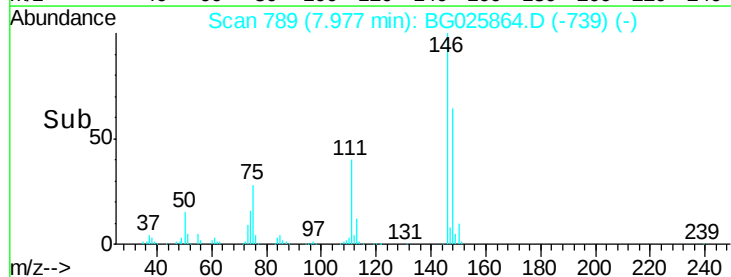
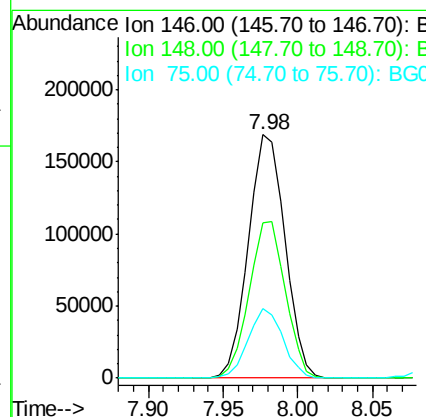
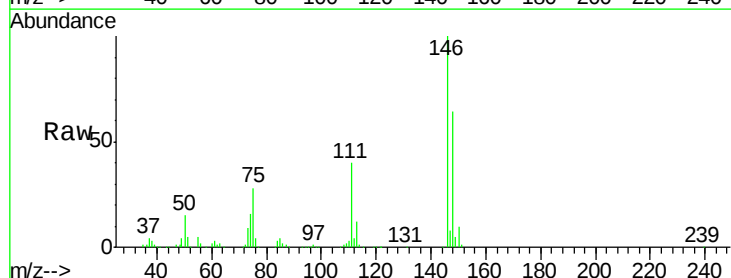
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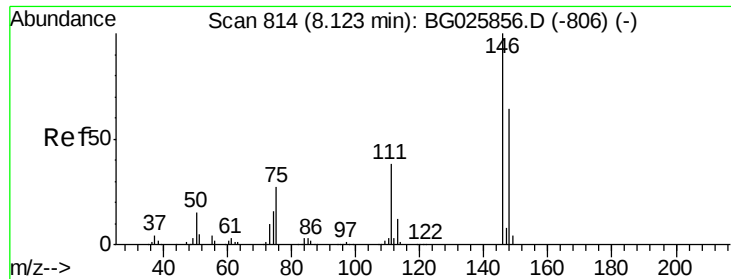
mohammad
2/20/2017 12:58:36 PM



#12
1,3-Dichlorobenzene
Concen: 38.84 ng
RT: 7.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286189		
148	64.0	49.2	73.8	
75	28.3	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 39.58 ng m

RT: 8.12 min Scan# 814

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

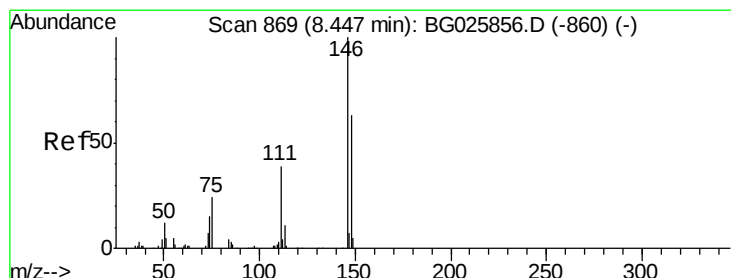
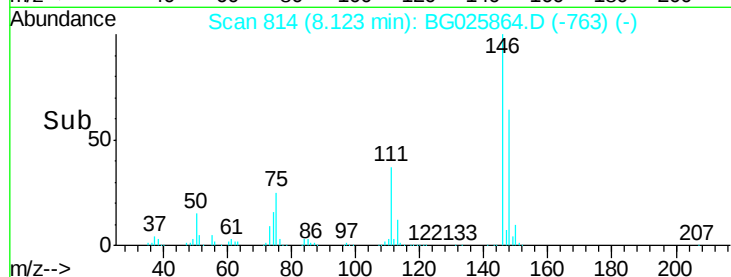
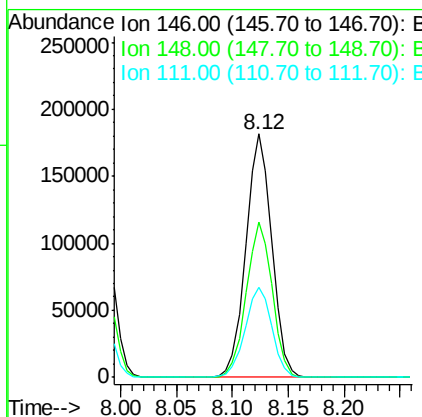
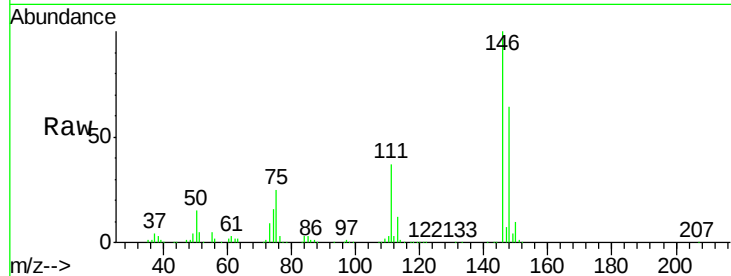
ClientSampleId :

PB97017BS

Tgt Ion:	146	Resp:	295505
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	36.8	37.0	55.6#

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#14

1,2-Dichlorobenzene

Concen: 38.54 ng

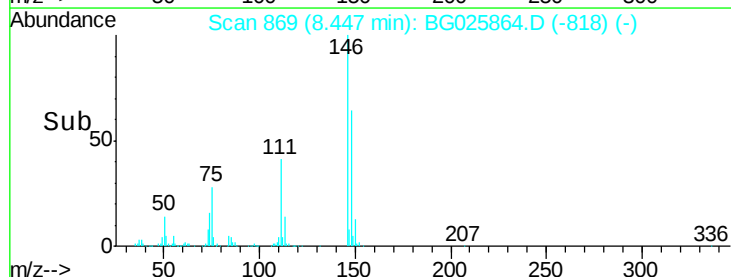
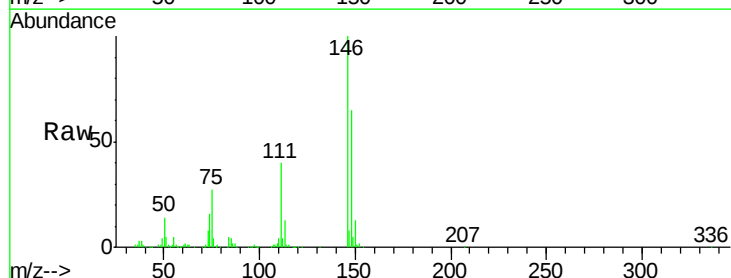
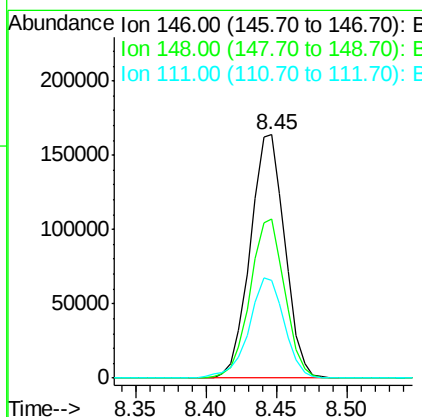
RT: 8.45 min Scan# 869

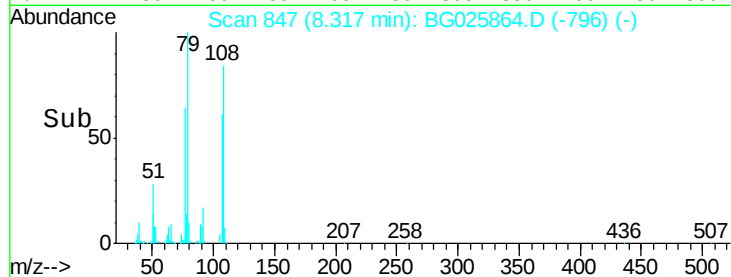
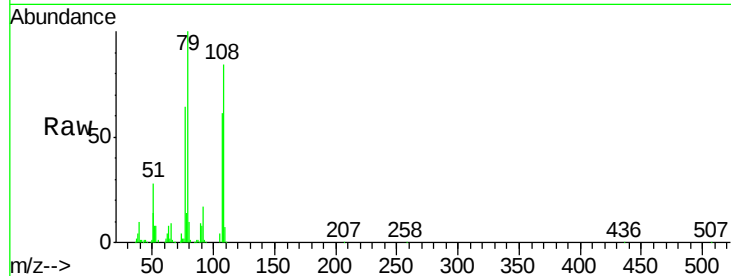
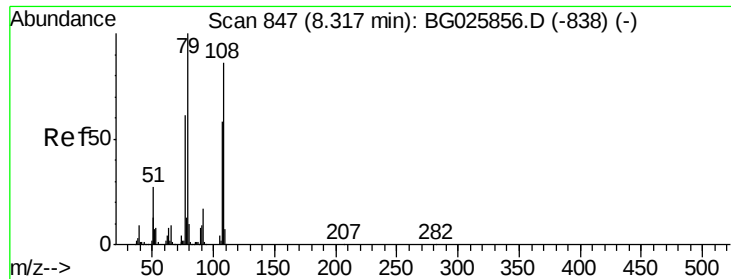
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	146	Resp:	282426
Ion Ratio	Lower	Upper	
146	100		
148	65.2	54.6	81.8
111	40.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 45.08 ng

RT: 8.32 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.5	45.5	68.3#
77	63.8	54.3	81.5

Instrument :

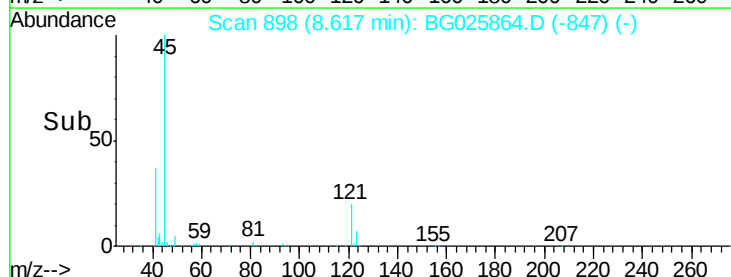
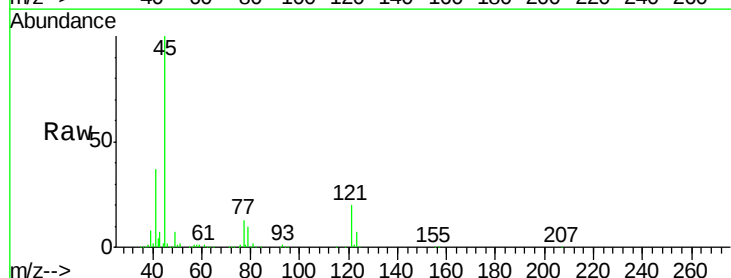
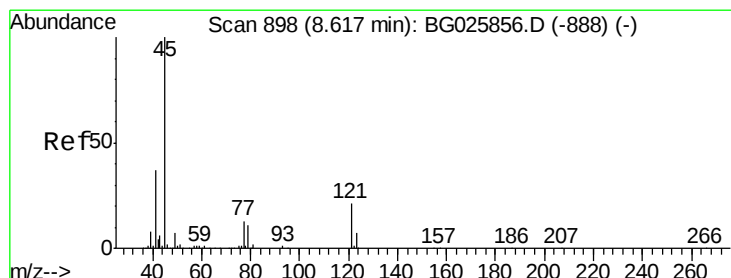
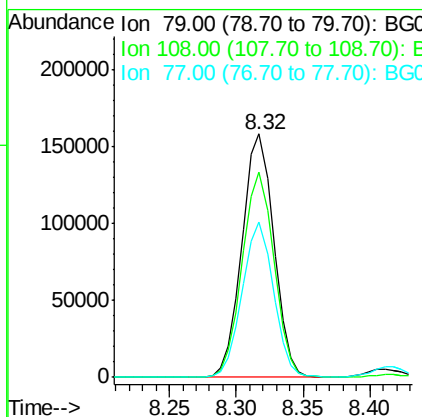
BNA_G

ClientSampleId :

PB97017BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.80 ng

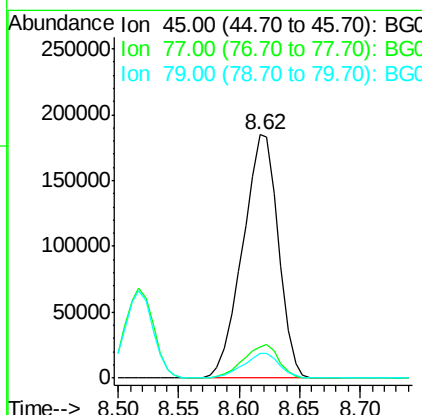
RT: 8.62 min Scan# 898

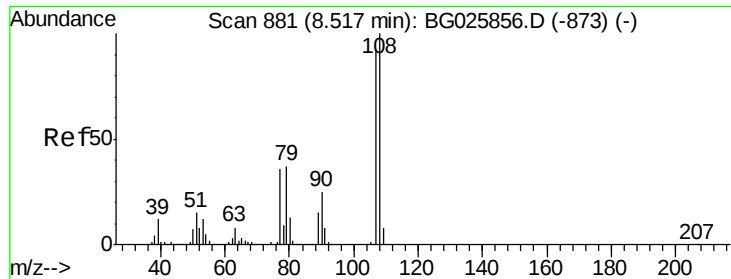
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.6
79	10.4	0.0	28.5





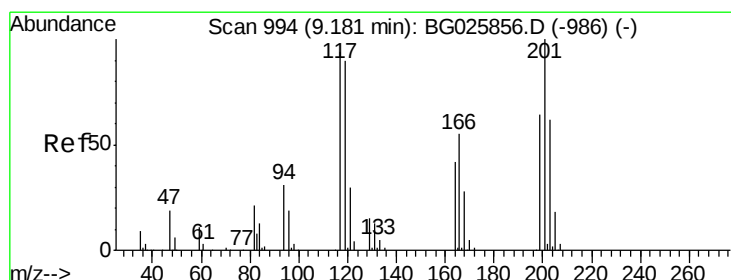
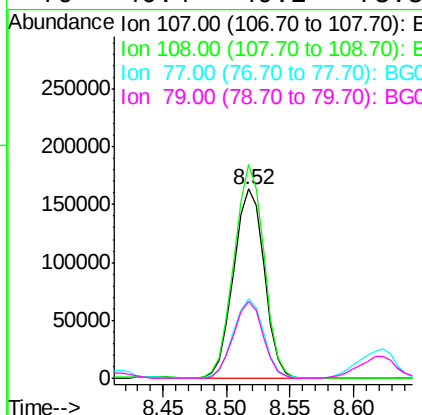
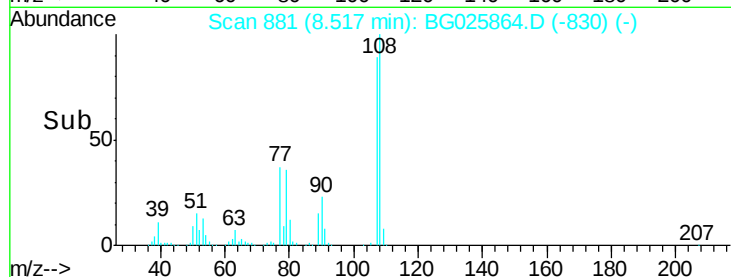
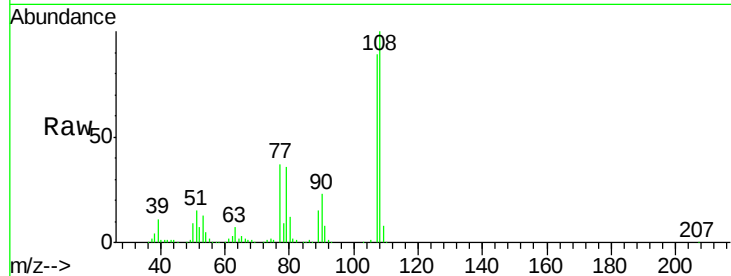
#17
2-Methylphenol
Concen: 44.06 ng
RT: 8.52 min Scan# 881
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	273811		
108	113.0	85.6	128.4	
77	41.7	51.4	77.2#	
79	40.4	49.2	73.8#	

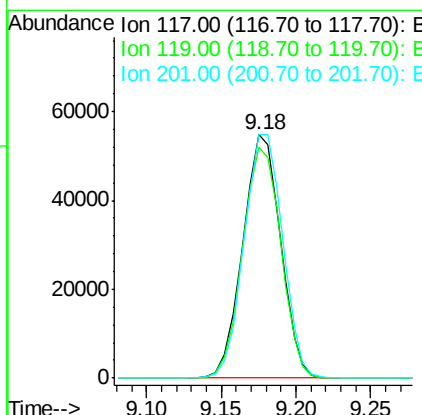
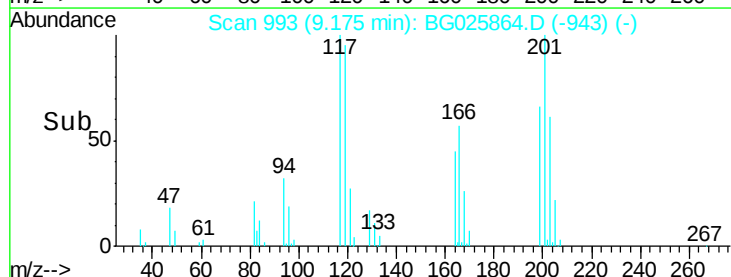
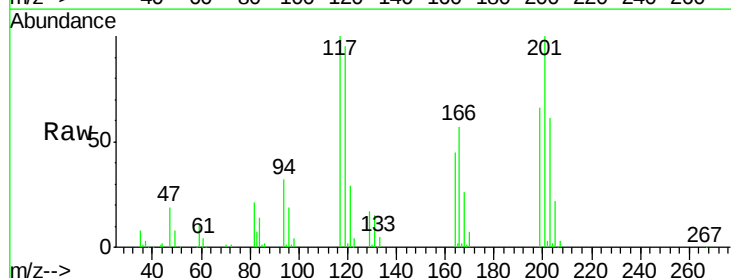
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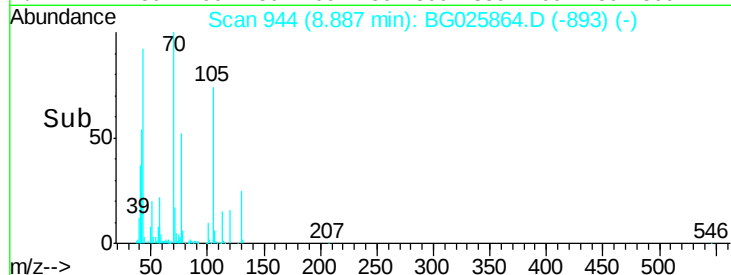
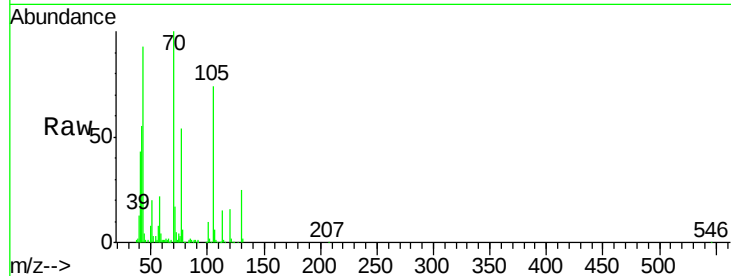
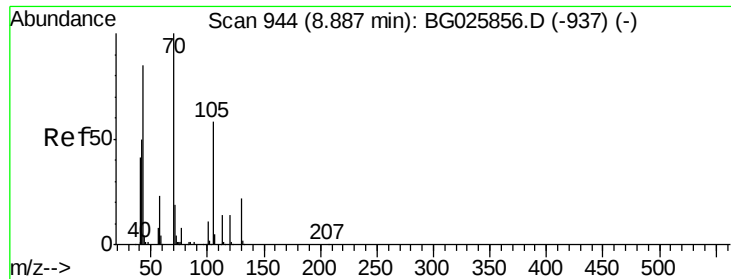
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#18
Hexachloroethane
Concen: 38.77 ng
RT: 9.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95925		
119	94.8	69.8	104.6	
201	100.0	95.4	143.0	





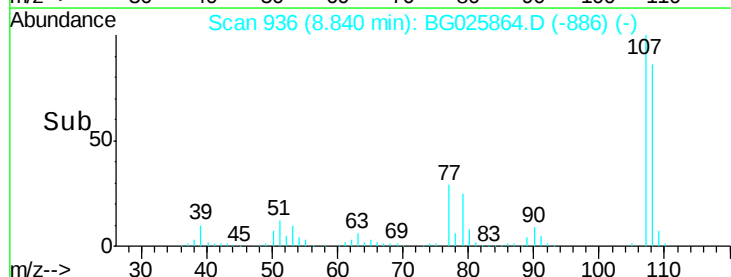
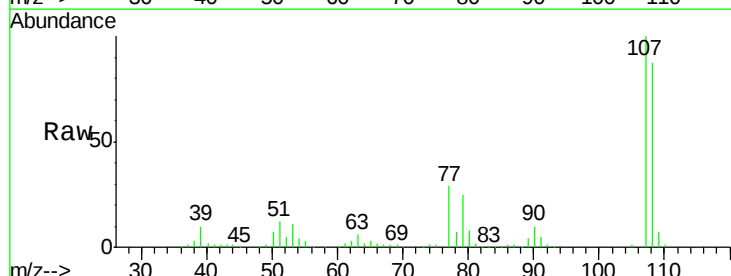
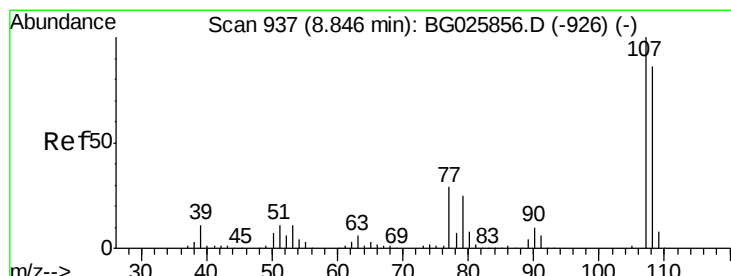
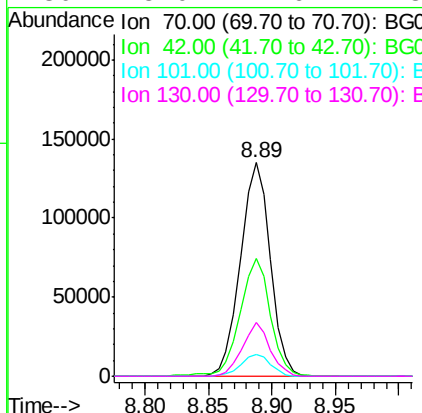
#19
n-Nitroso-di-n-propylamine
Concen: 38.02 ng
RT: 8.89 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.9	56.1	84.1#
101	10.4	7.5	11.3
130	25.0	14.6	21.8#

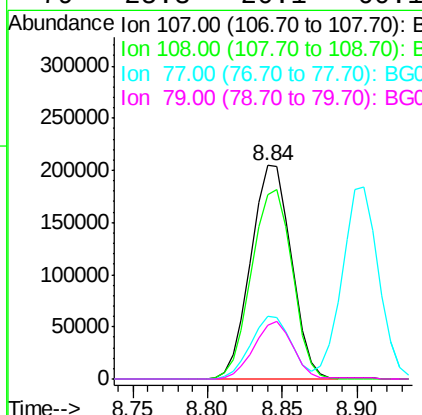
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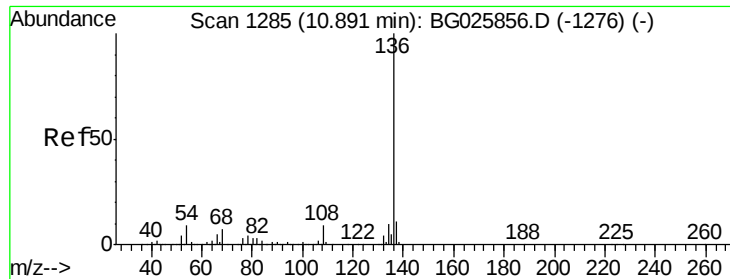
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#20
3+4-Methylphenols
Concen: 43.58 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.8	110.8
77	29.2	25.8	65.8
79	25.3	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

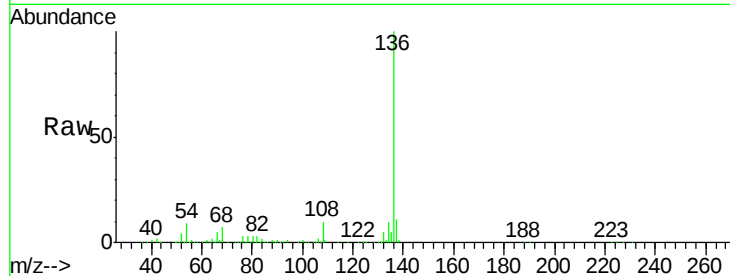
ClientSampleId :

PB97017BS

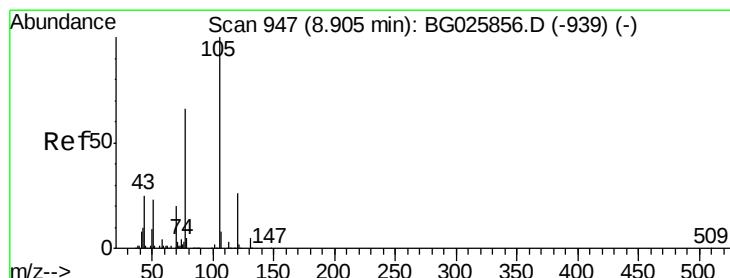
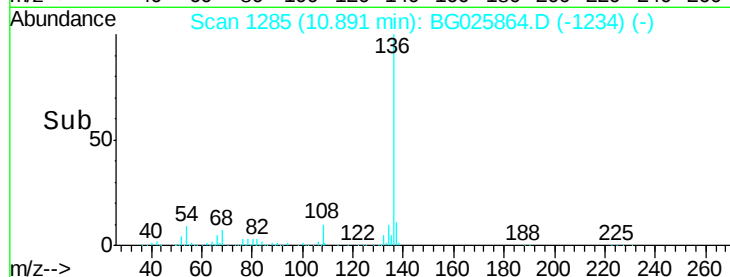
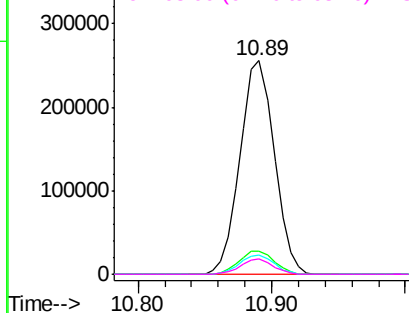
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	9.3	13.9#
68	7.2	5.1	7.7

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



#22

Acetophenone

Concen: 39.24 ng

RT: 8.90 min Scan# 947

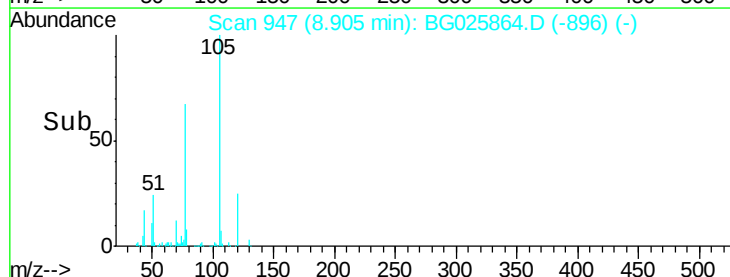
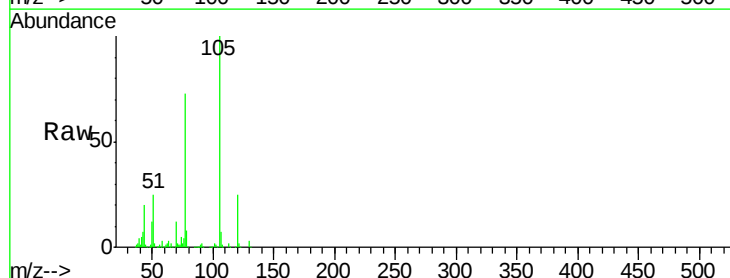
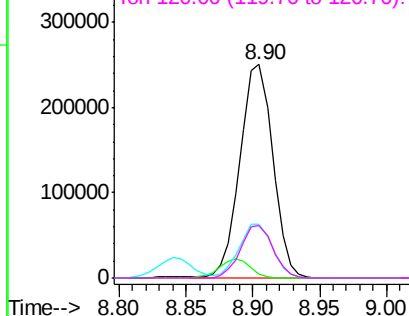
Delta R.T. 0.00 min

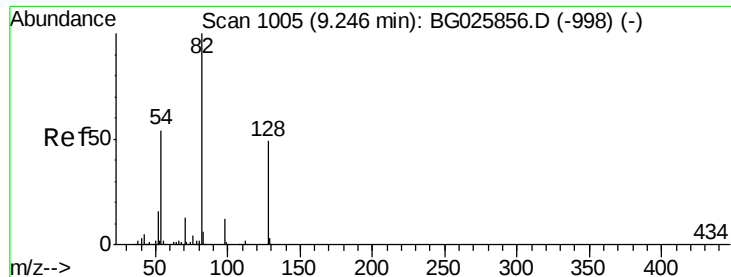
Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.1	0.9	1.3#
51	25.1	34.0	51.0#
120	24.6	17.3	25.9

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





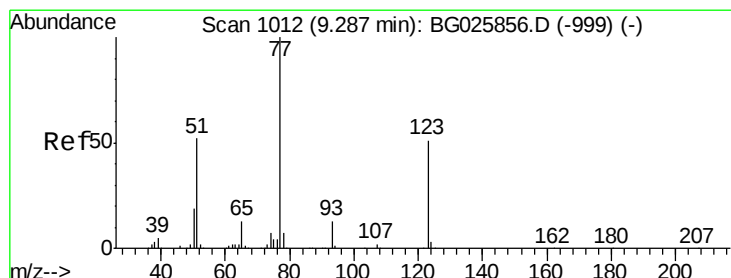
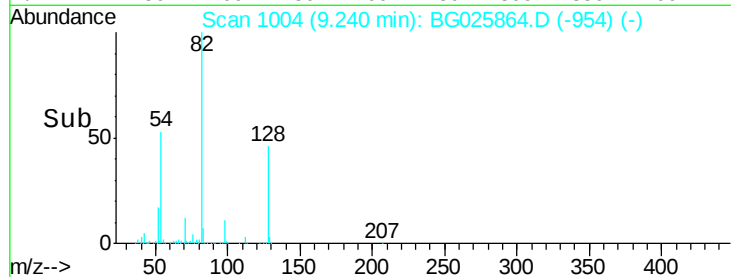
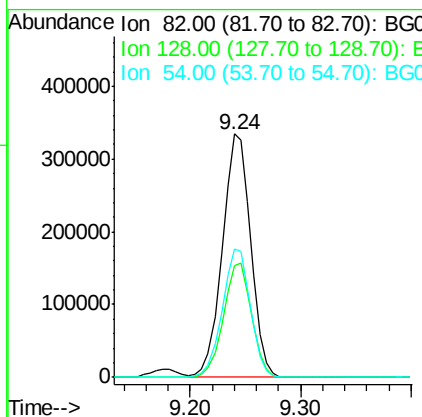
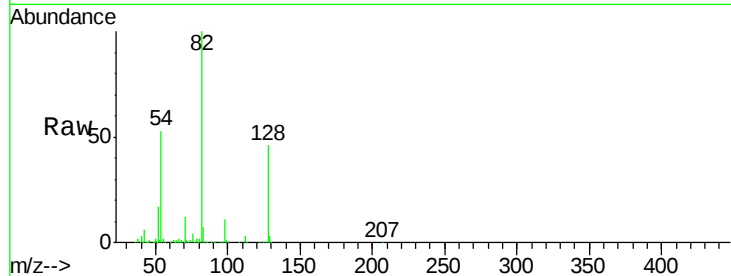
#23
 Nitrobenzene-d5
 Concen: 82.65 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleID :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	26.4	39.6#
54	52.9	49.4	74.2

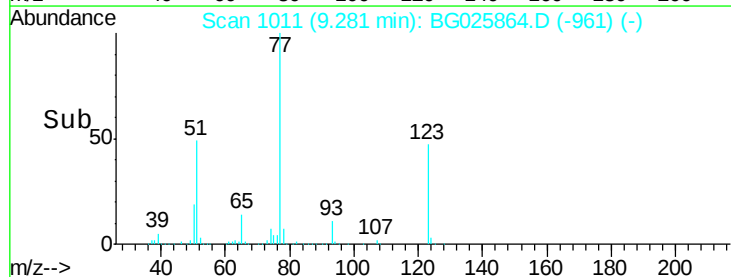
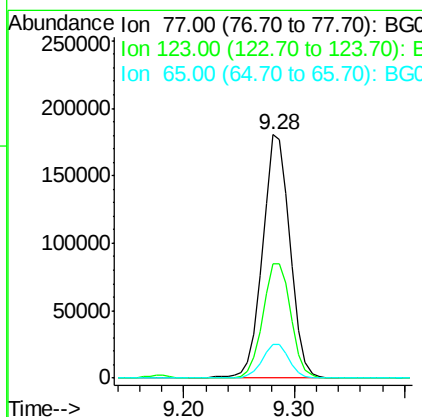
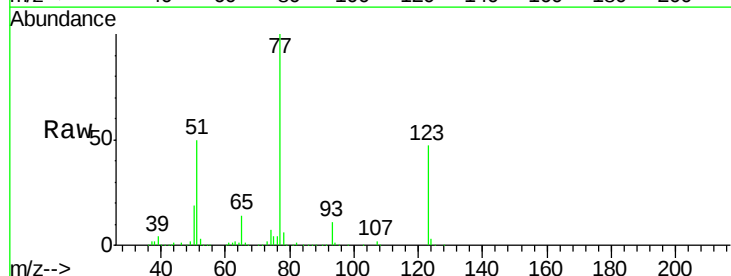
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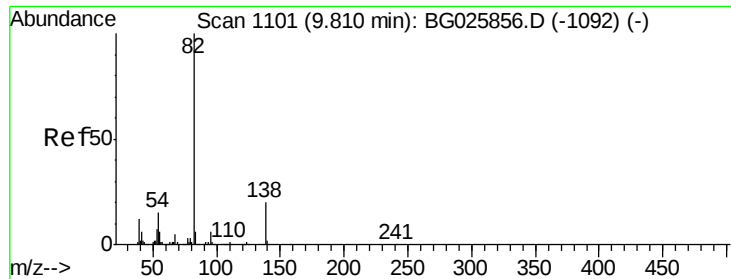
mohammad
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#24
 Nitrobenzene
 Concen: 40.10 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	26.1	39.1#
65	13.6	12.4	18.6





#25

Isophorone

Concen: 39.94 ng

RT: 9.81 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

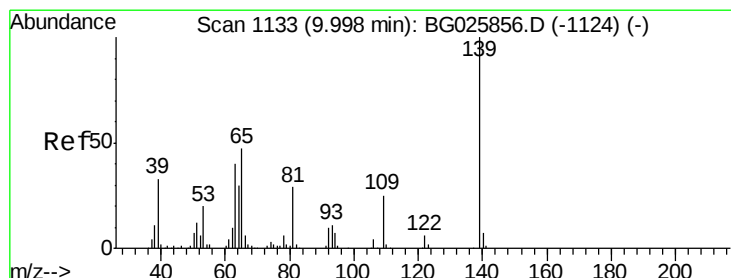
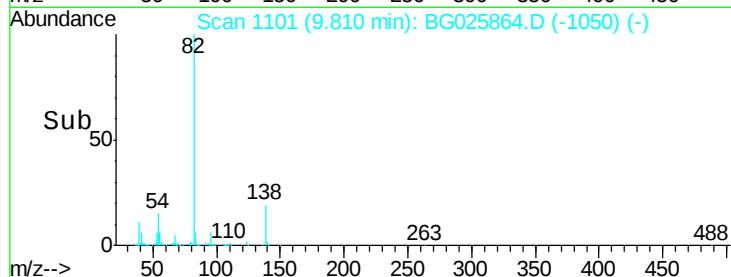
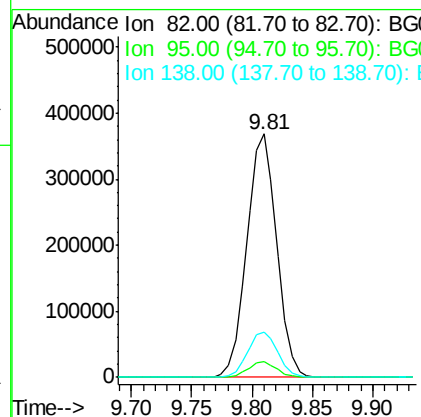
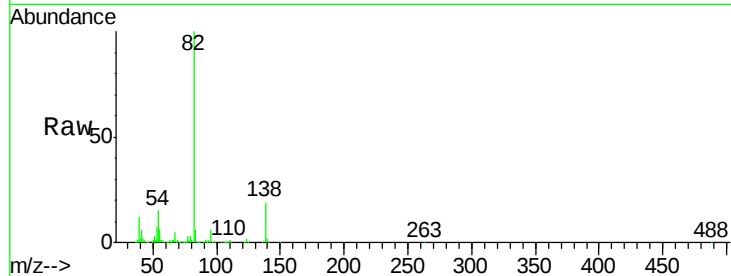
ClientSampleId :

PB97017BS

Tgt Ion:	82	Resp:	634149
Ion Ratio	Lower	Upper	
82	100		
95	6.4	7.5	11.3#
138	18.8	12.3	18.5#

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#26

2-Nitrophenol

Concen: 43.18 ng

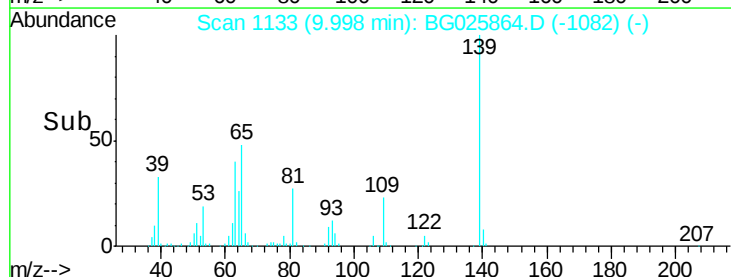
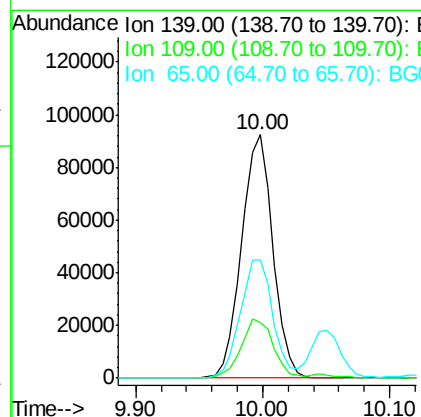
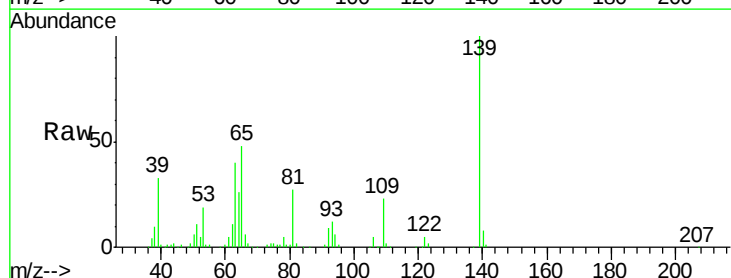
RT: 10.00 min Scan# 1133

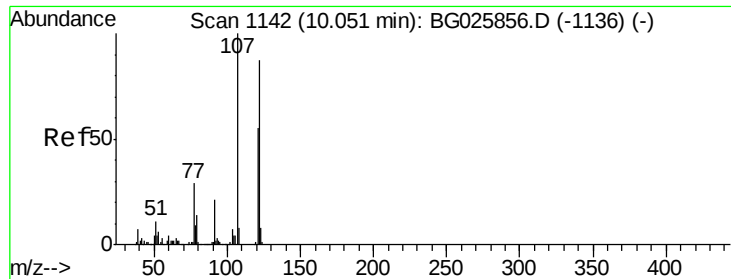
Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	139	Resp:	157570
Ion Ratio	Lower	Upper	
139	100		
109	22.9	38.6	58.0#
65	48.4	57.1	85.7#





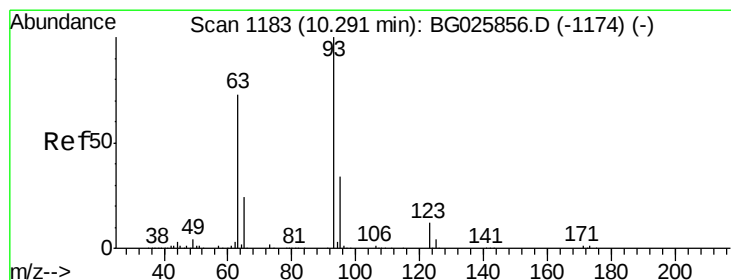
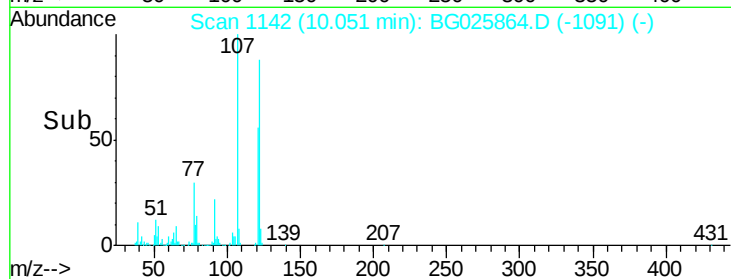
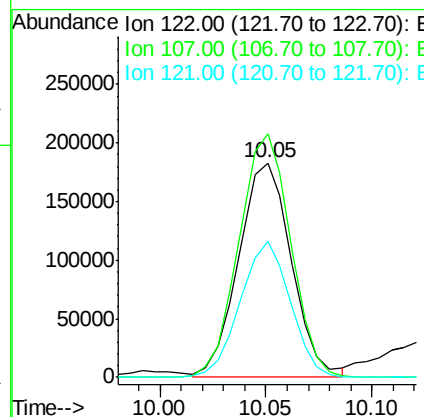
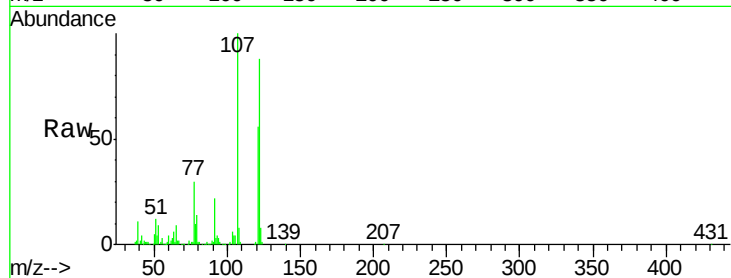
#27
2,4-Dimethylphenol
Concen: 46.17 ng
RT: 10.05 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	314454		
107	113.6	104.2	156.4	
121	63.3	46.0	69.0	

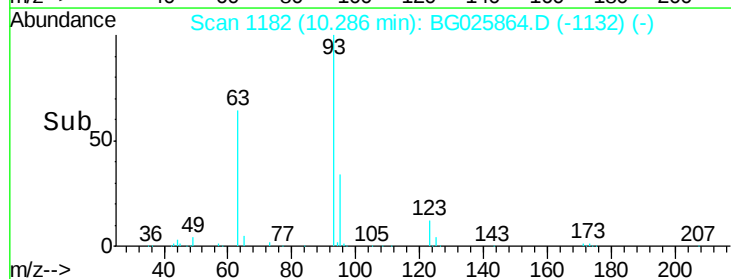
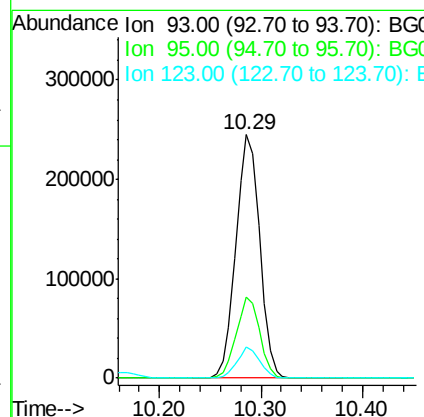
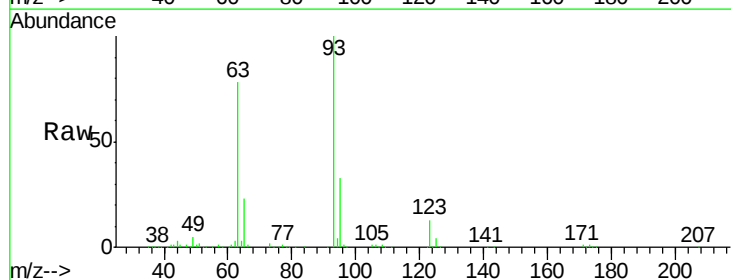
Manual Integrations
APPROVED

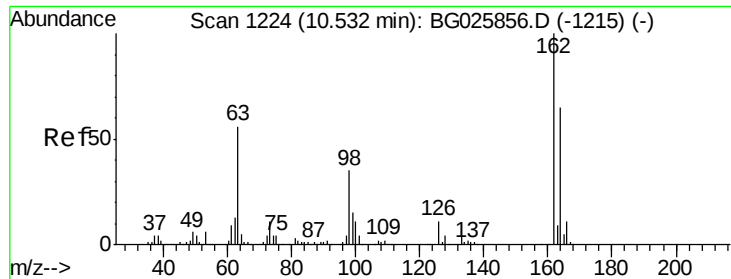
mohammad
2/20/2017 12:58:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.60 ng
RT: 10.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	398457		
95	33.1	25.7	38.5	
123	12.6	8.3	12.5#	





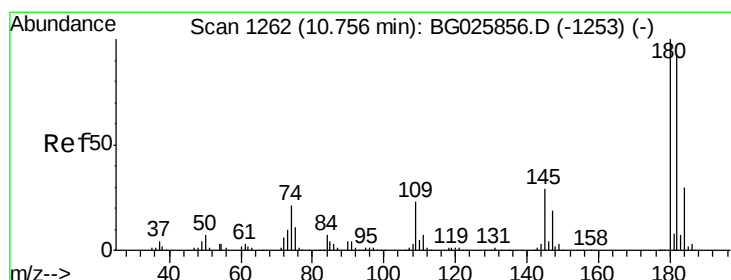
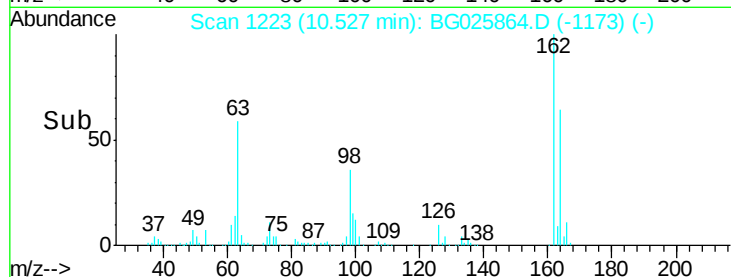
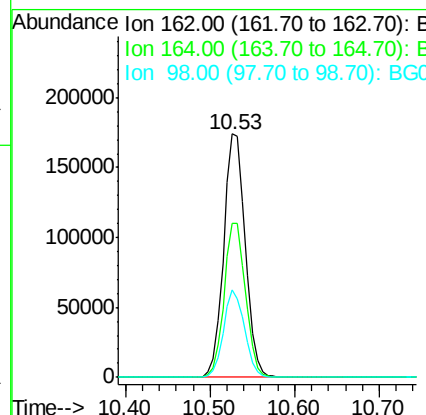
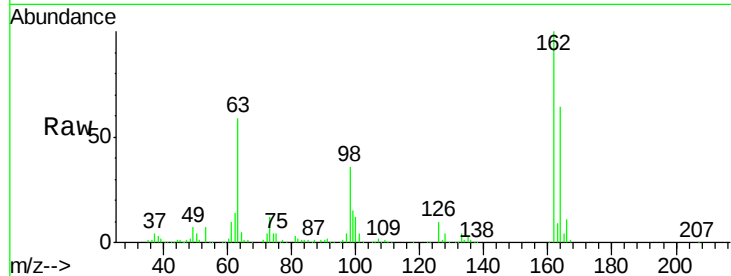
#29
2,4-Dichlorophenol
Concen: 47.61 ng
RT: 10.53 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	309471		
164	63.5	42.4	82.4	
98	36.1	20.3	60.3	

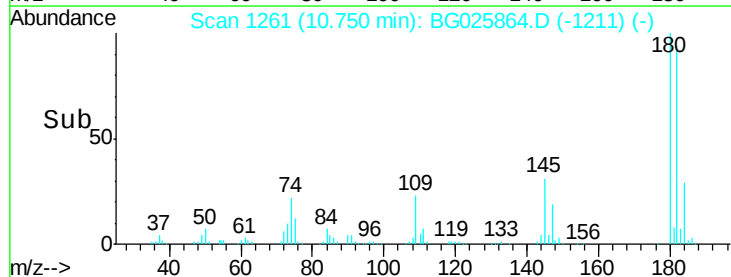
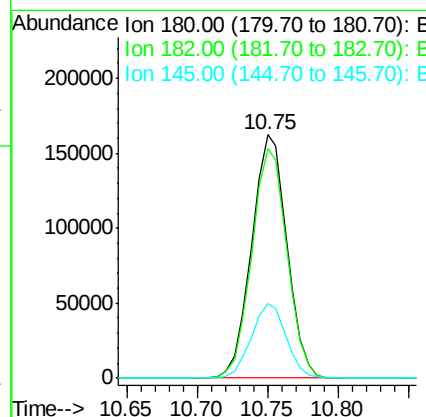
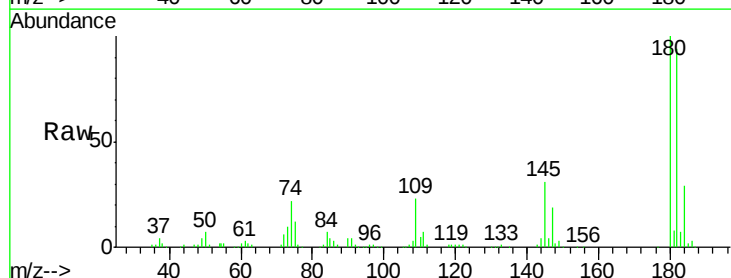
Manual Integrations
APPROVED

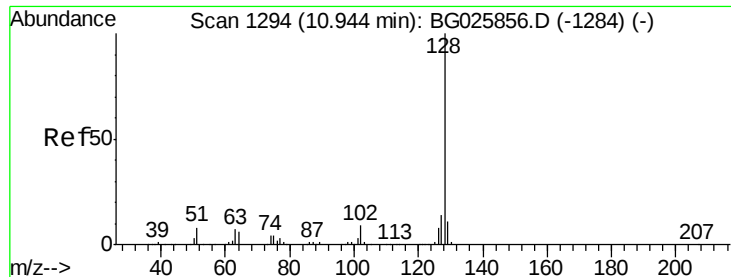
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.22 ng
RT: 10.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284301		
182	94.4	77.0	115.4	
145	30.6	23.4	35.0	





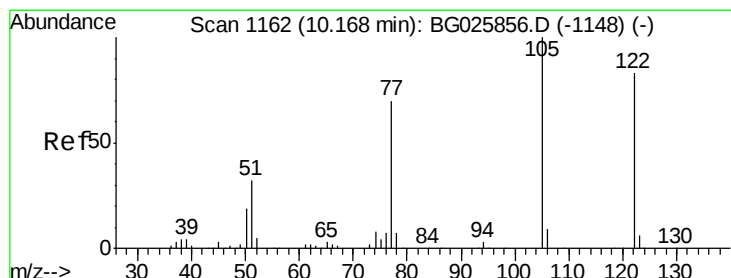
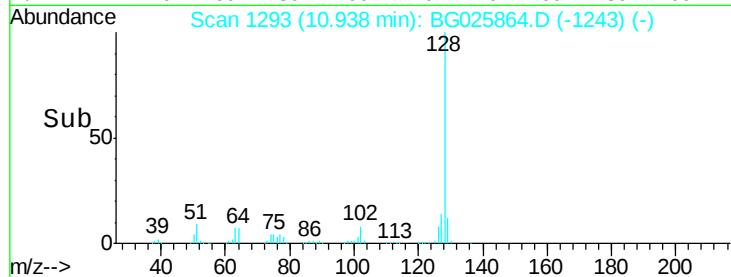
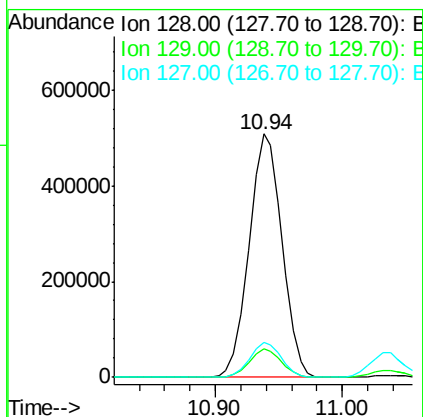
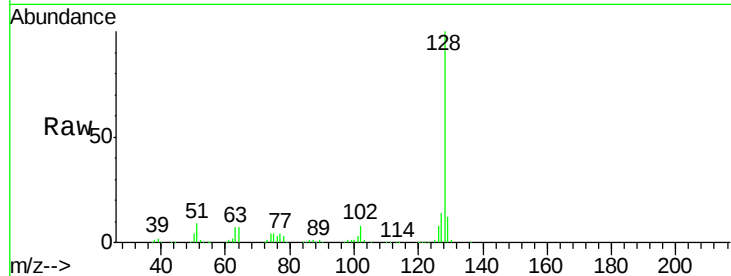
#31
Naphthalene
Concen: 38.97 ng
RT: 10.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	917462		
129	11.8	9.3	13.9	
127	14.4	11.4	17.0	

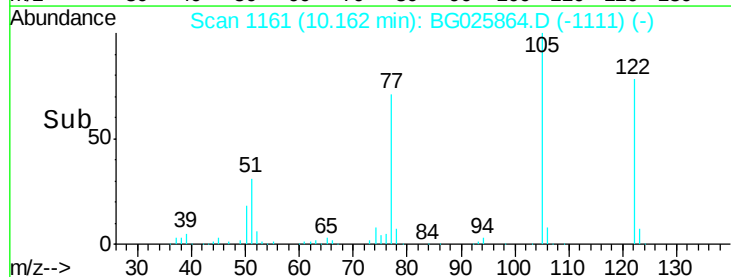
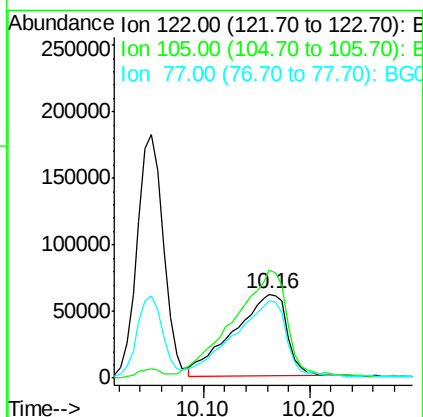
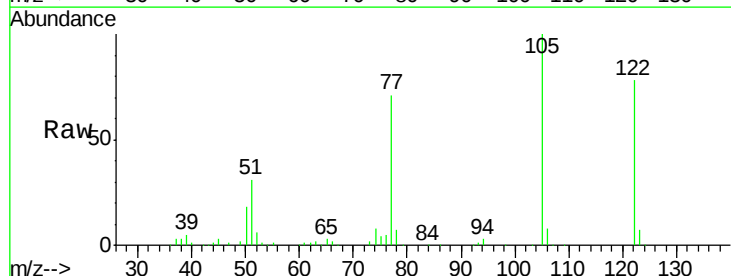
Manual Integrations
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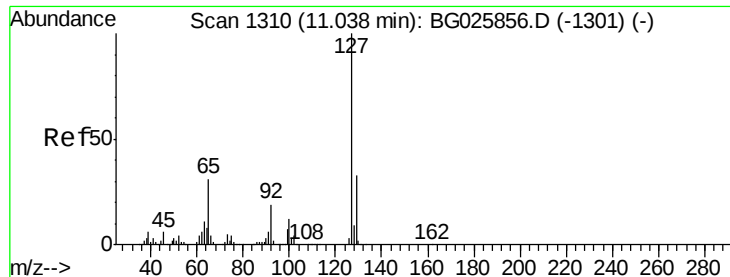
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#32
Benzoic acid
Concen: 42.05 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	218638		
105	127.8	120.1	160.1	
77	91.3	104.6	144.6	





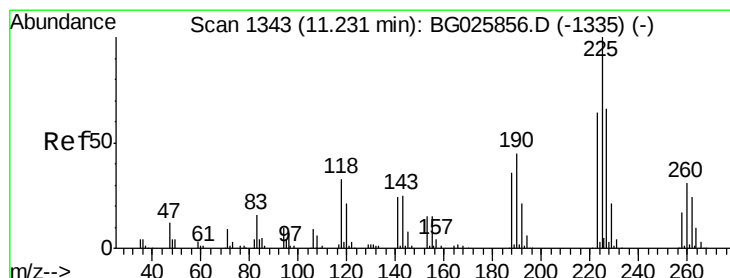
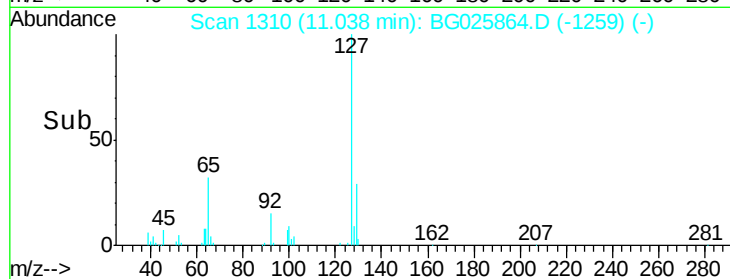
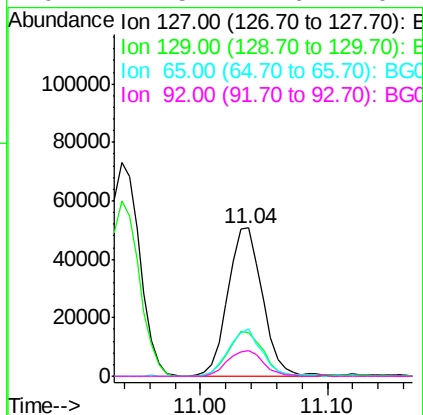
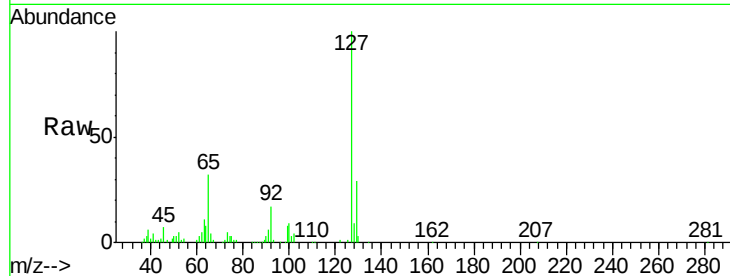
#33
4-Chloroaniline
Concen: 9.39 ng
RT: 11.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	96041		
129	29.4	23.6	35.4	
65	31.6	37.7	56.5	
92	17.5	17.6	26.4	

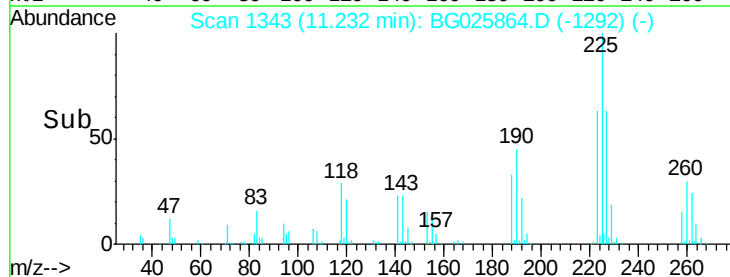
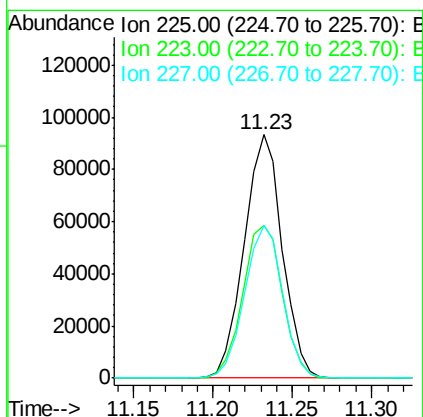
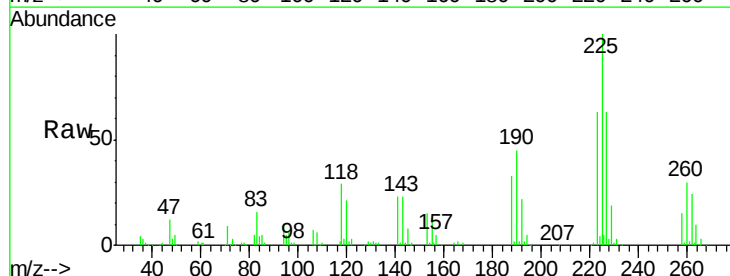
Manual Integrations
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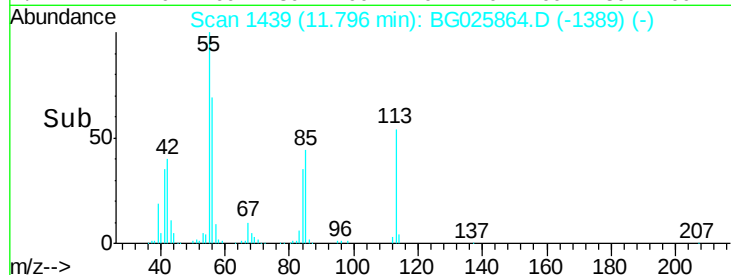
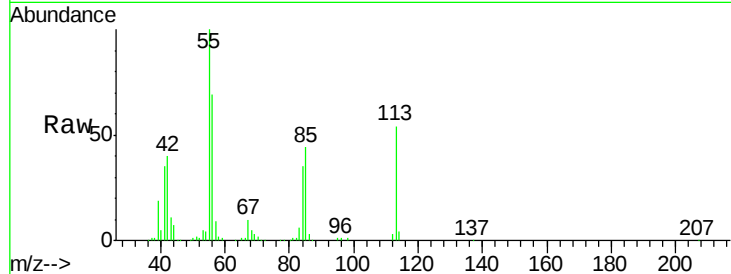
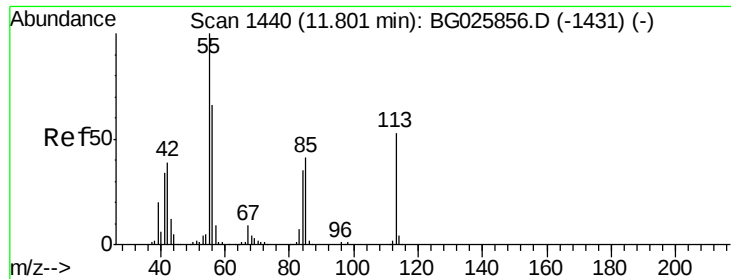
mohammad
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#34
Hexachlorobutadiene
Concen: 38.61 ng
RT: 11.23 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155315		
223	62.9	50.7	76.1	
227	62.5	49.0	73.6	





#35

Caprolactam

Concen: 47.97 ng m

RT: 11.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

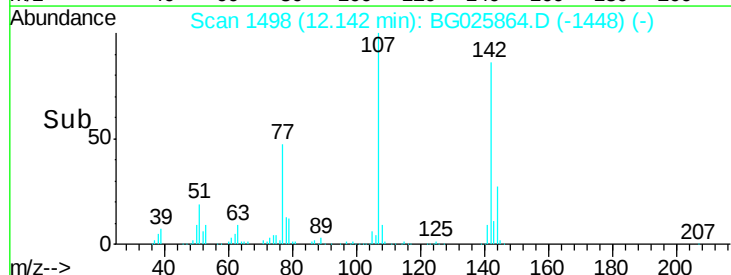
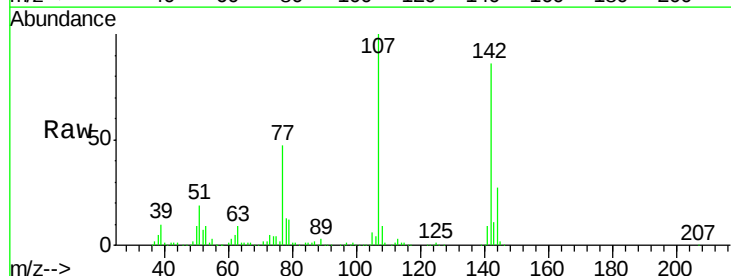
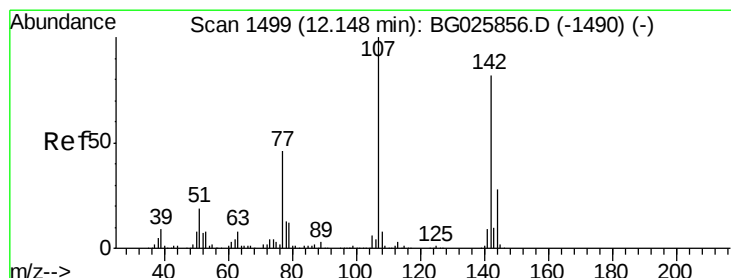
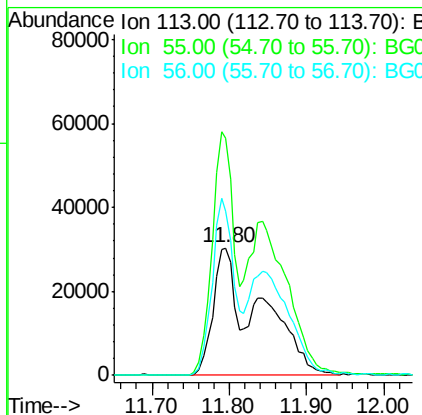
ClientSampleId :

PB97017BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	186.9	198.6	238.6#
56	129.1	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 46.64 ng

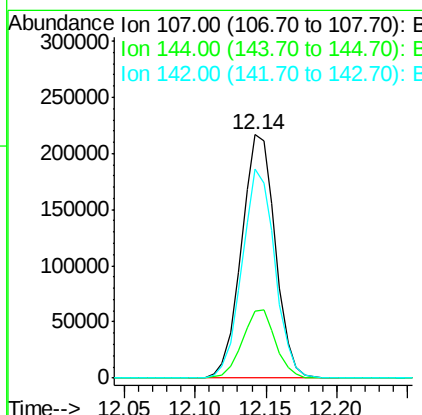
RT: 12.14 min Scan# 1498

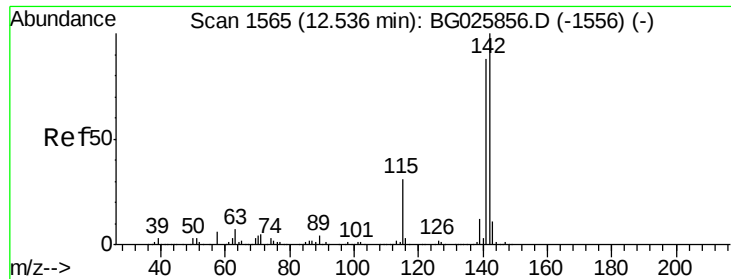
Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	17.4	26.0#
142	86.0	54.1	81.1#





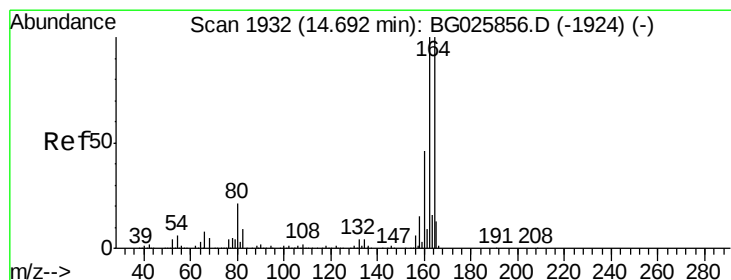
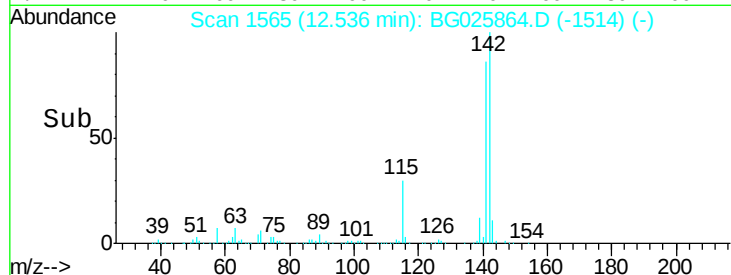
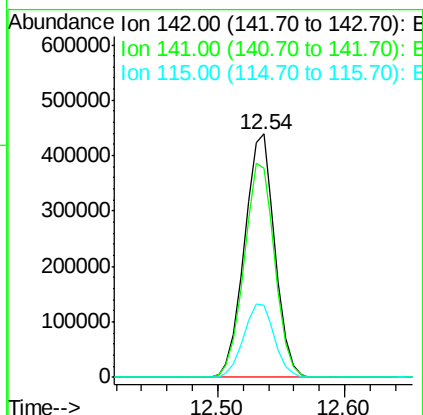
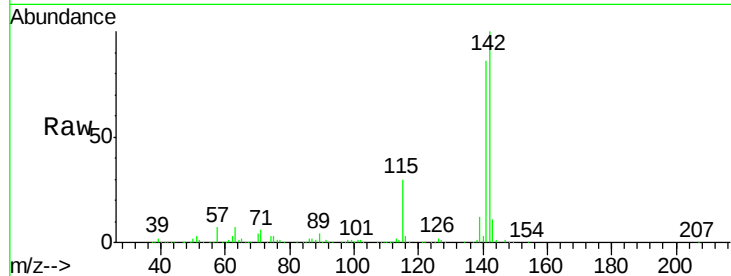
#37
2-Methylnaphthalene
Concen: 40.54 ng
RT: 12.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.4	105.6
115	29.8	35.5	53.3

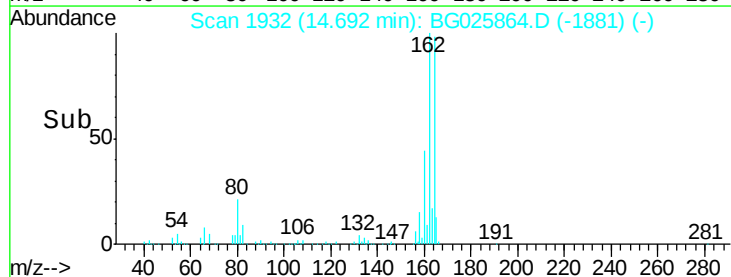
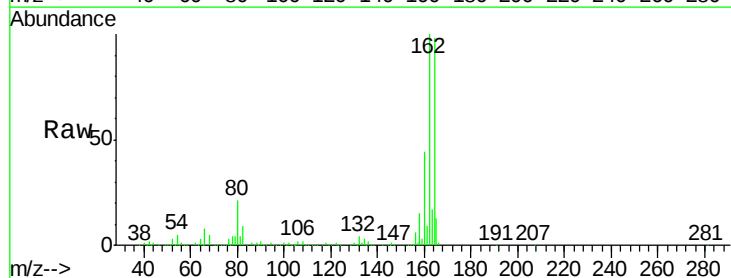
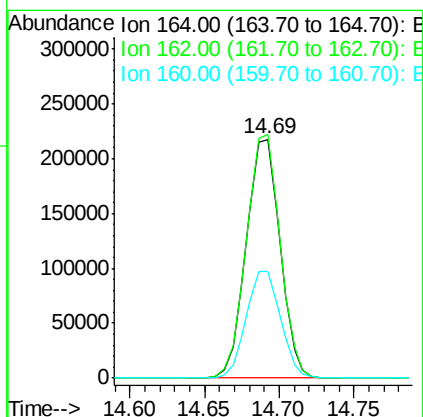
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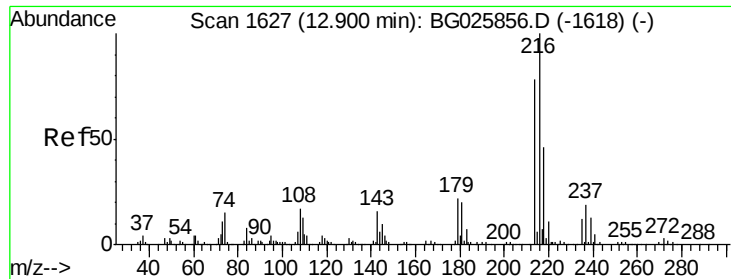
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	44.8	34.7	52.1





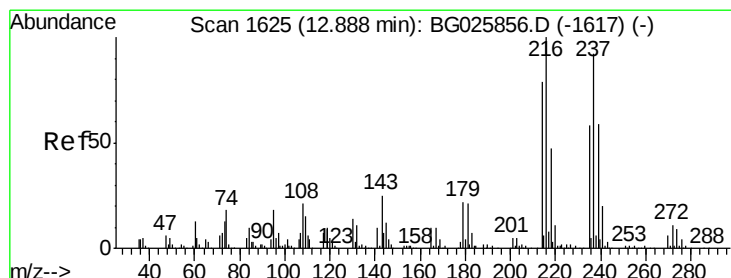
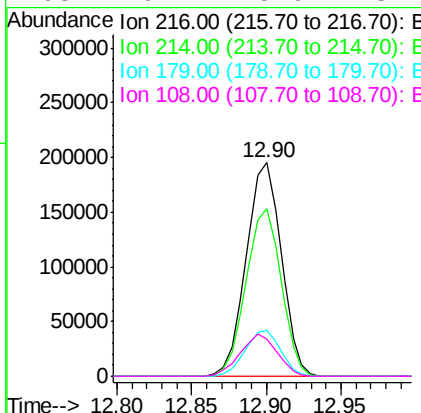
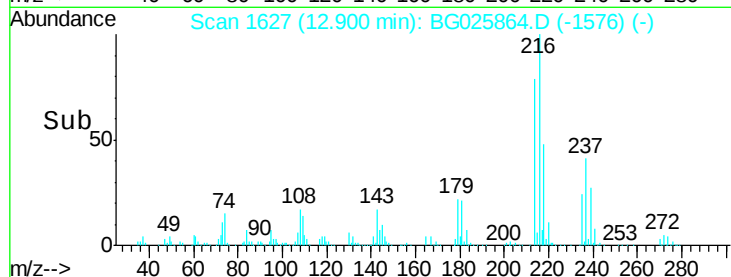
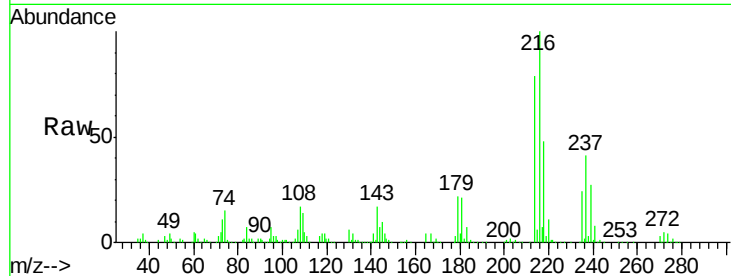
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.12 ng
 RT: 12.90 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	316954		
214	78.9	64.4	96.6	
179	21.8	17.4	26.0	
108	20.7	15.6	23.4	

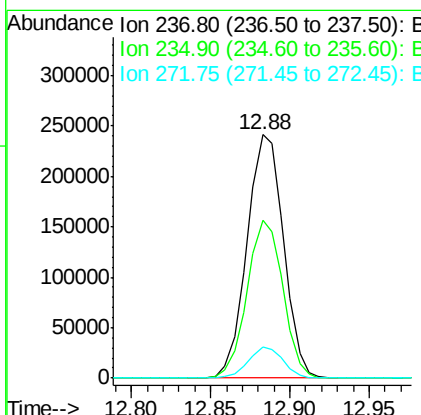
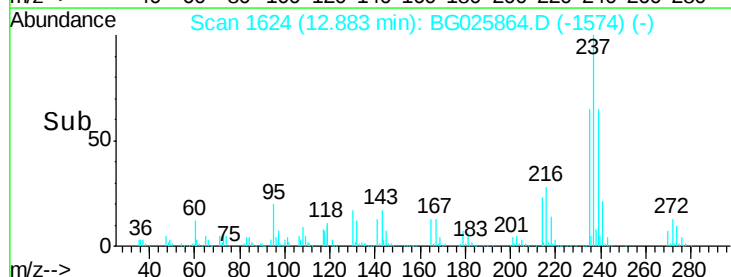
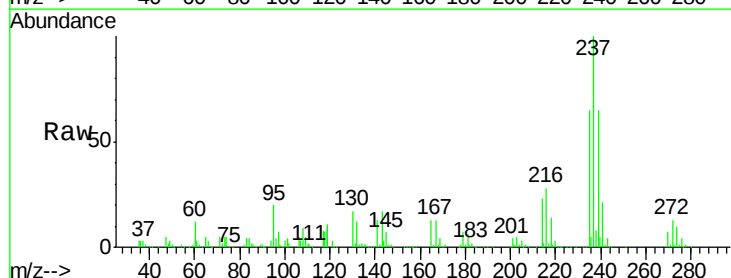
Manual Integrations
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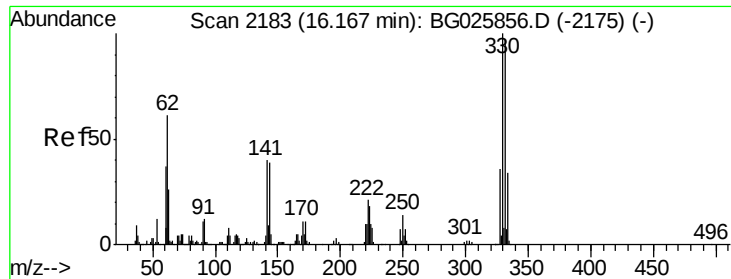
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#40
 Hexachlorocyclopentadiene
 Concen: 82.69 ng
 RT: 12.88 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	386334		
235	65.0	39.4	79.4	
272	12.7	0.0	32.0	





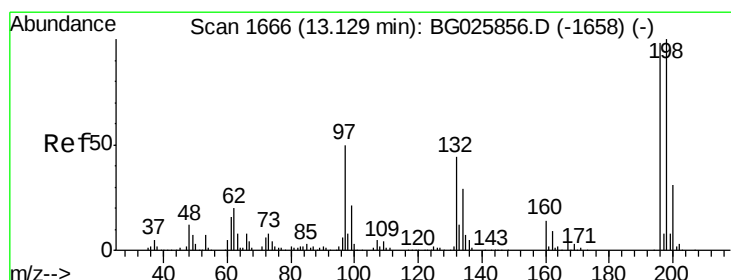
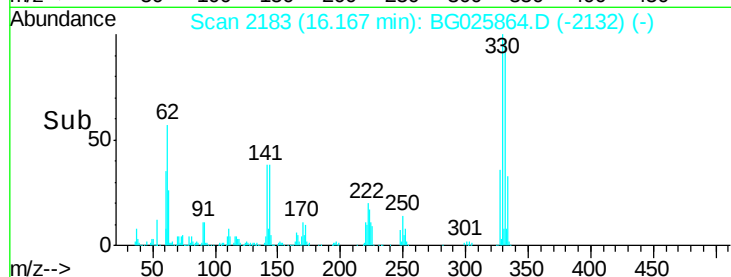
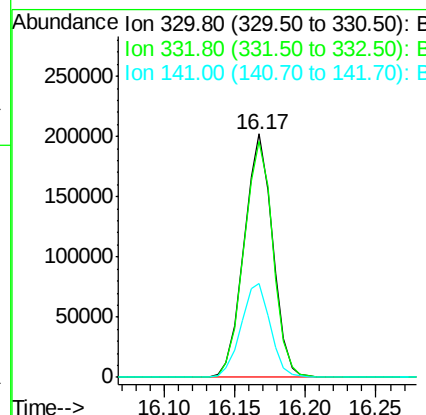
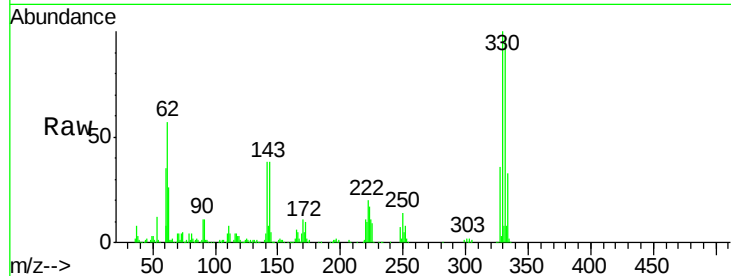
#41
2,4,6-Tribromophenol
Concen: 91.27 ng
RT: 16.17 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	39.4	32.1	48.1

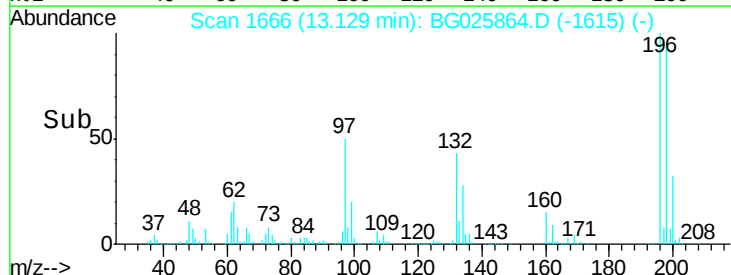
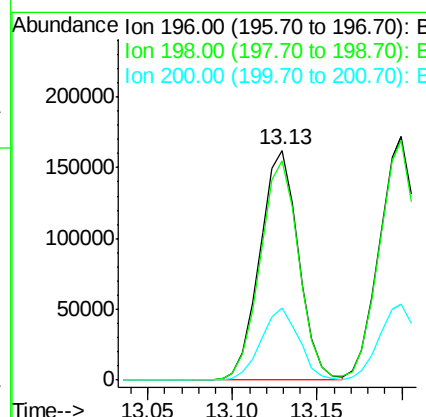
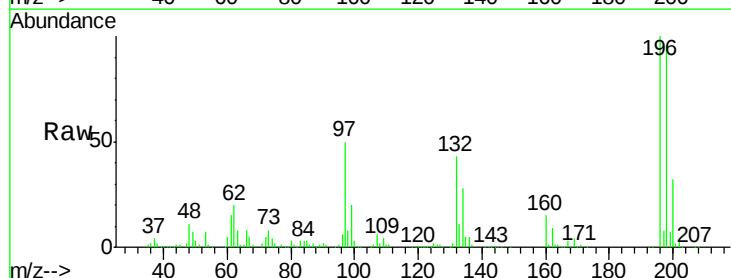
Manual Integrations
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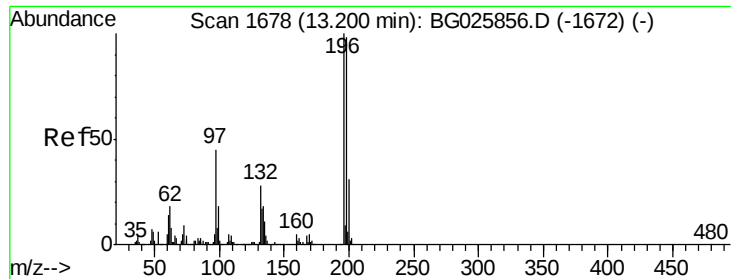
mohammad
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#42
2,4,6-Trichlorophenol
Concen: 46.74 ng
RT: 13.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	81.4	122.2
200	31.6	27.0	40.6





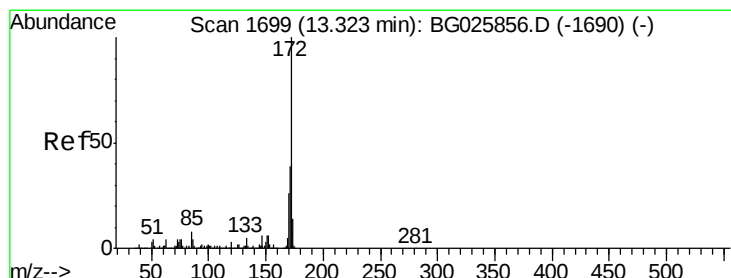
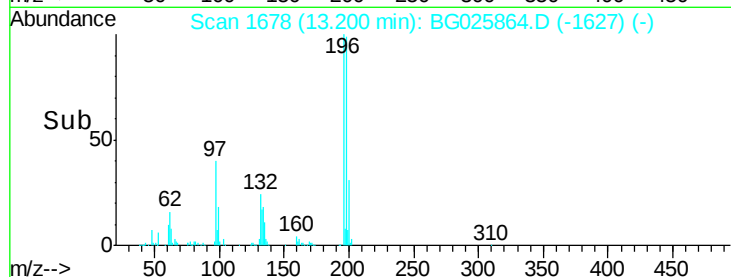
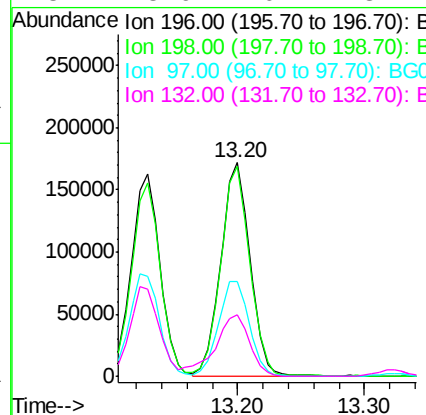
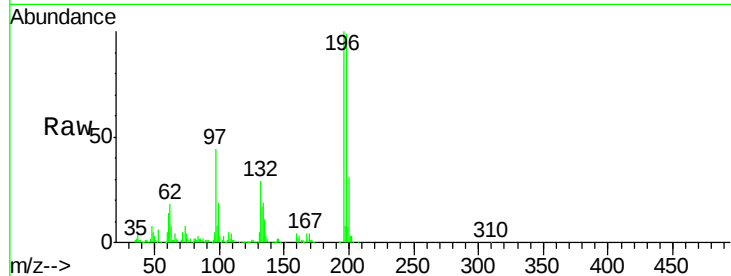
#43
2,4,5-Trichlorophenol
Concen: 43.85 ng
RT: 13.20 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274452		
198	98.5	79.9	119.9	
97	44.1	45.4	68.0	
132	28.9	20.7	31.1	

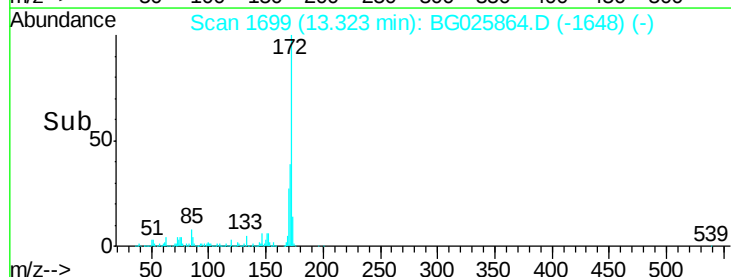
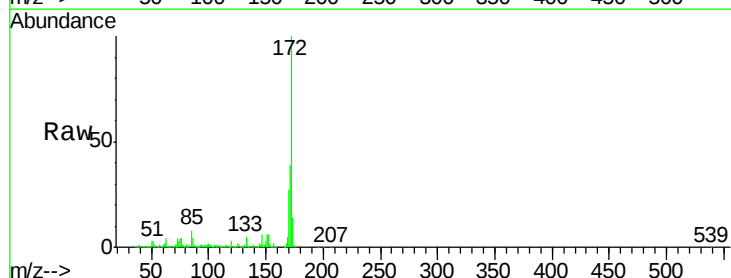
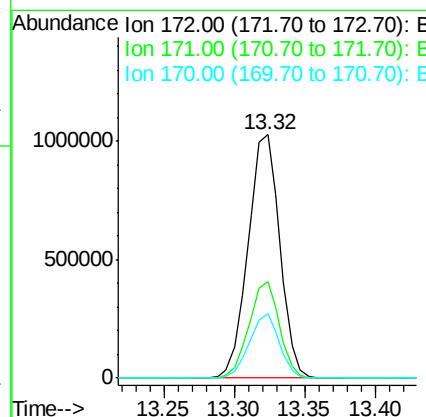
Manual Integrations
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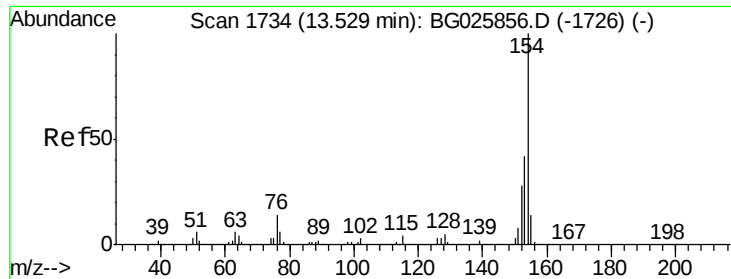
mohammad
2/20/2017 12:58:36 PM



#44
2-Fluorobiphenyl
Concen: 82.94 ng
RT: 13.32 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1616803		
171	39.5	32.2	48.2	
170	26.5	21.8	32.6	





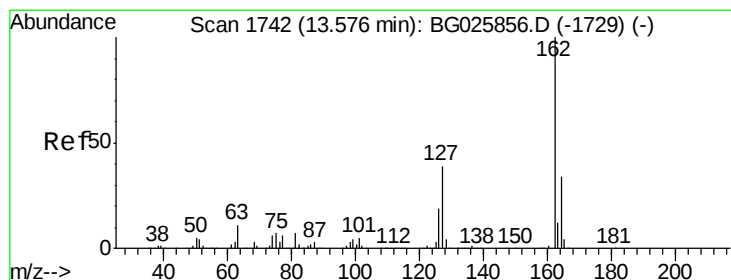
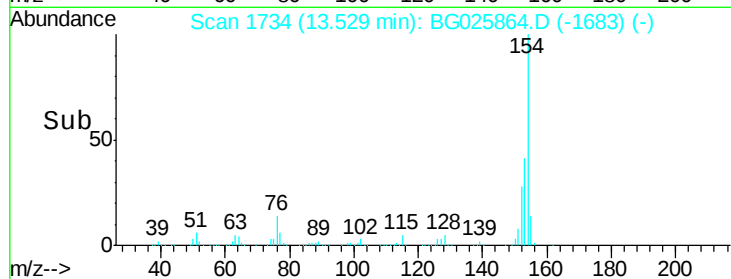
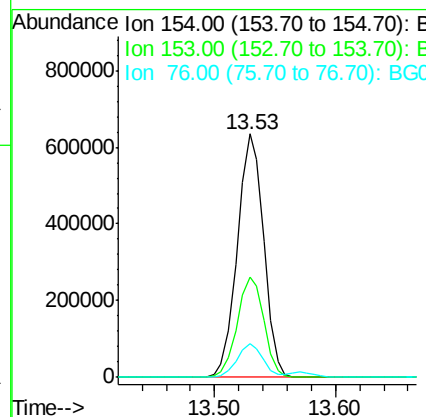
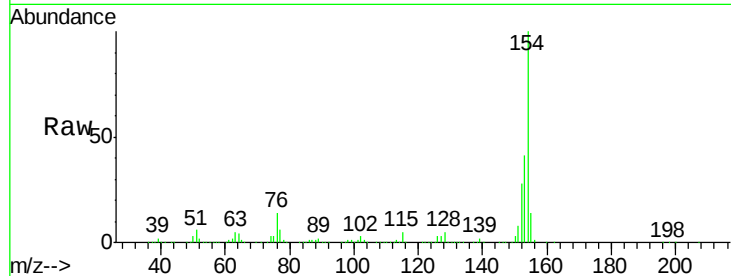
#45
 1,1'-Biphenyl
 Concen: 38.99 ng
 RT: 13.53 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	962469		
153	41.3	23.0	63.0	
76	13.9	0.0	33.5	

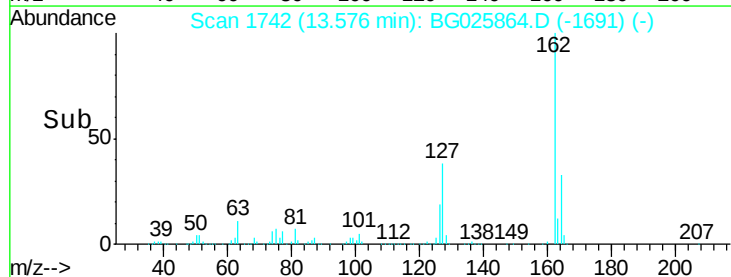
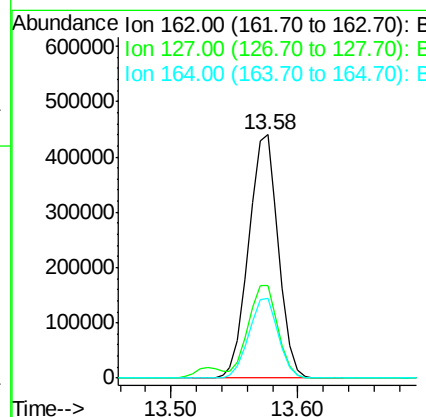
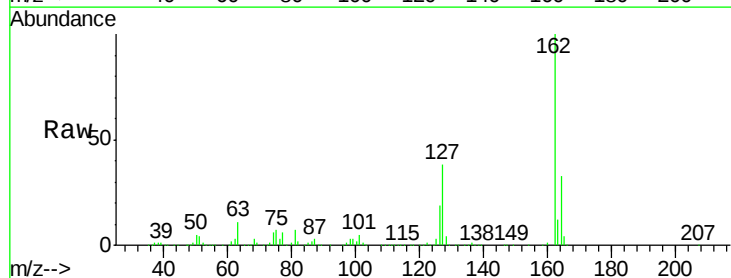
Manual Integrations
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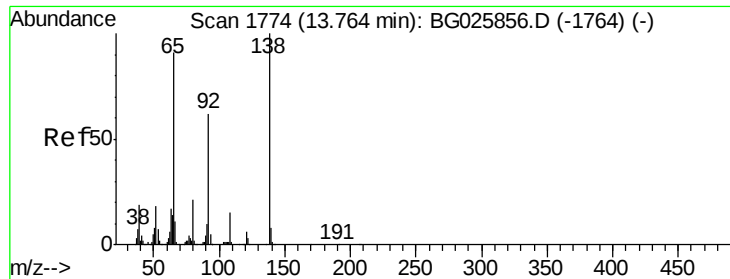
mohammad
 2/20/2017 12:58:36 PM



#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 13.58 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	712521		
127	37.9	32.2	48.4	
164	32.6	27.3	40.9	





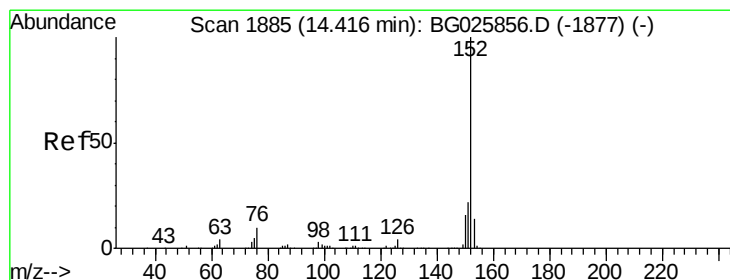
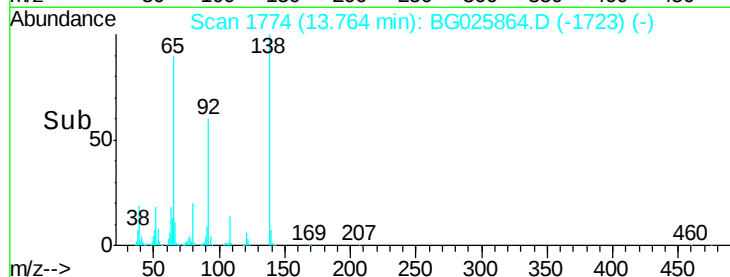
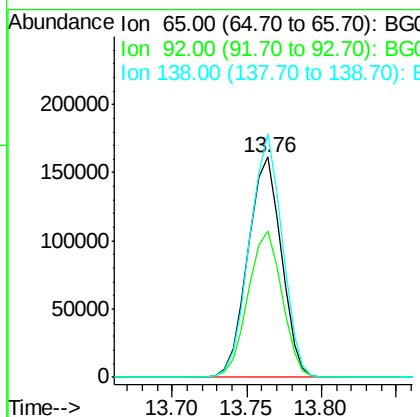
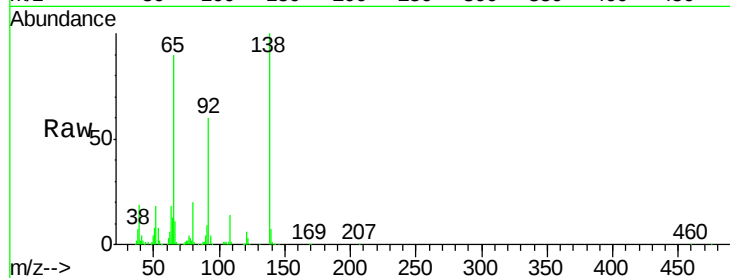
#47
2-Nitroaniline
Concen: 44.30 ng
RT: 13.76 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	49.0	73.4
138	110.6	58.6	87.8

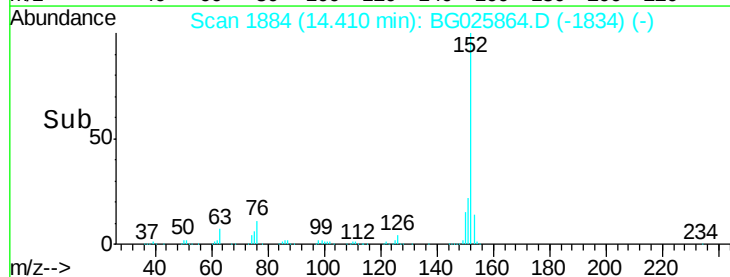
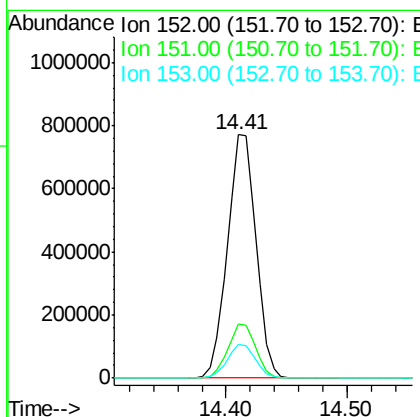
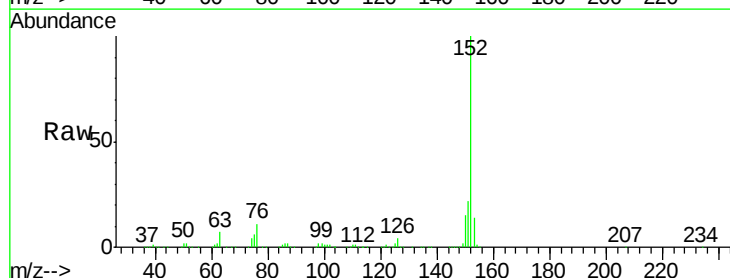
Manual Integrations
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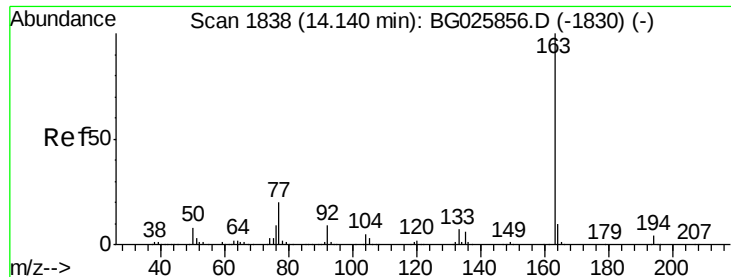
mohammad
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#48
Acenaphthylene
Concen: 39.94 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.2	27.2
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 43.37 ng

RT: 14.14 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

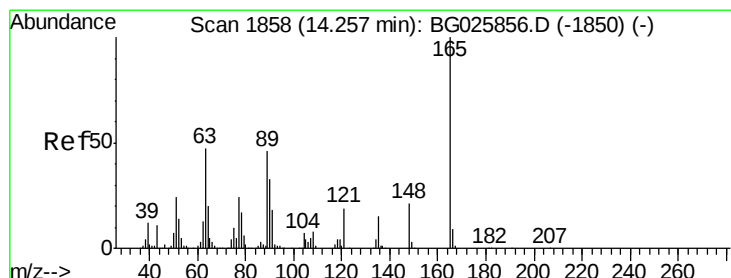
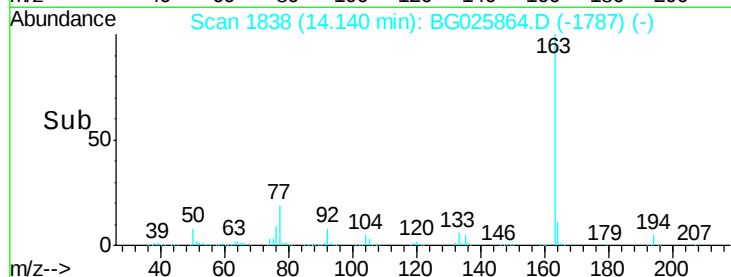
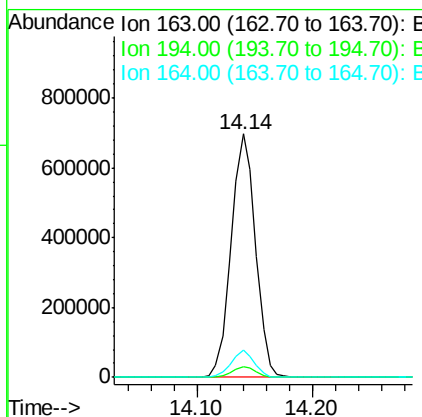
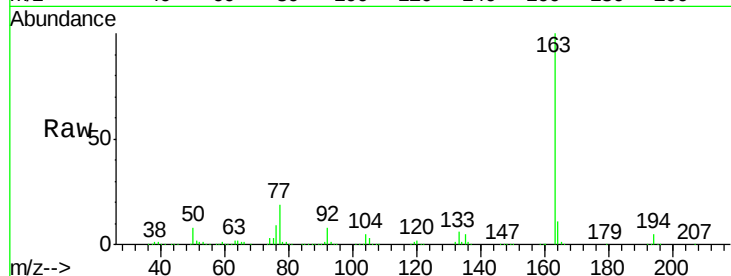
ClientSampleId :

PB97017BS

Tgt Ion:	163	Resp:	1013604
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	11.0	9.3	13.9

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 43.84 ng

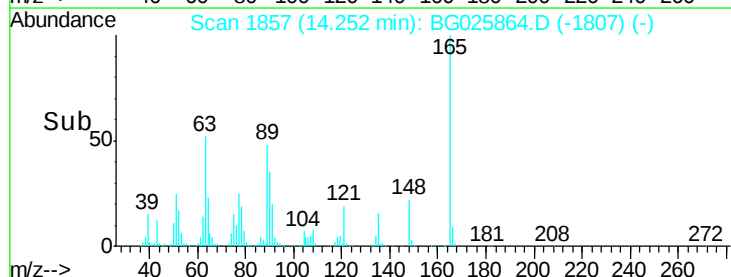
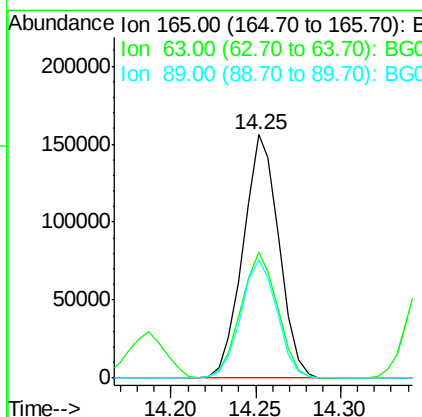
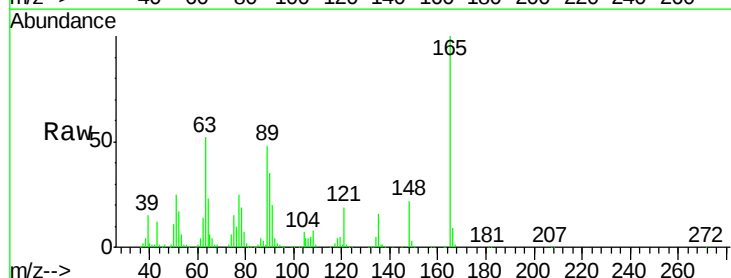
RT: 14.25 min Scan# 1857

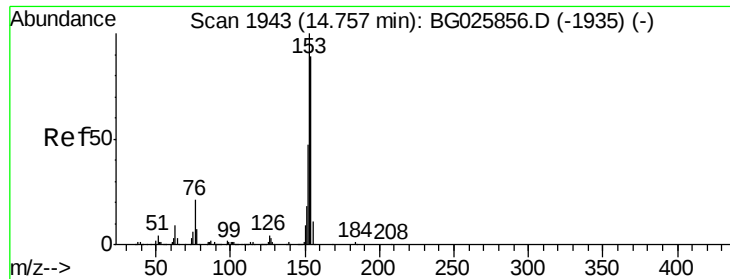
Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:	165	Resp:	230124
Ion Ratio	Lower	Upper	
165	100		
63	51.9	63.9	95.9#
89	48.4	58.6	88.0#





#51

Acenaphthene

Concen: 44.25 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

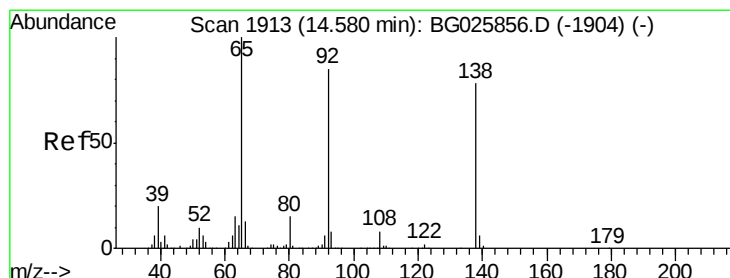
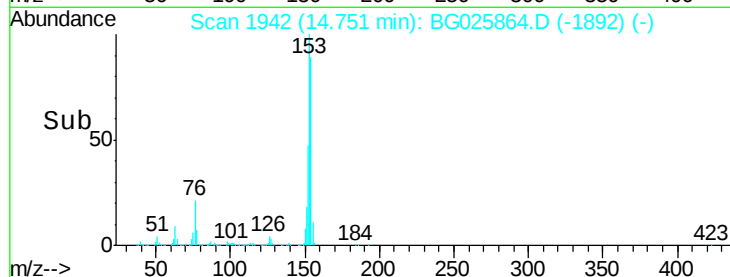
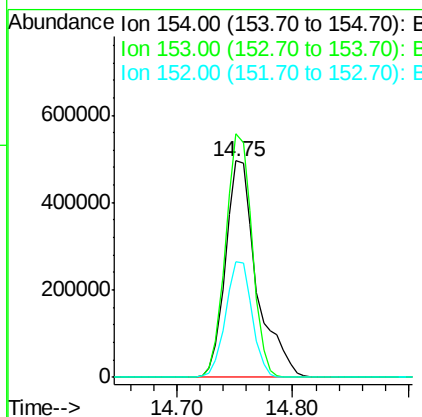
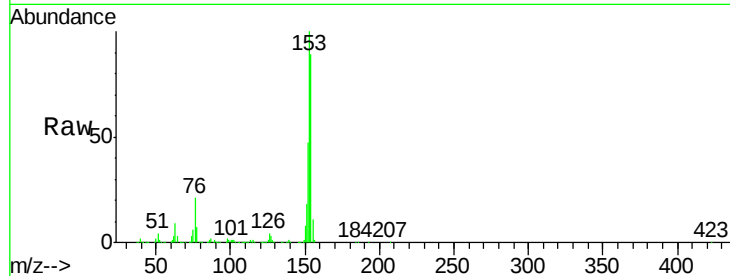
ClientSampleId :

PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	928570		
153	112.5	87.8	131.6	
152	53.2	42.2	63.4	

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#52

3-Nitroaniline

Concen: 18.60 ng

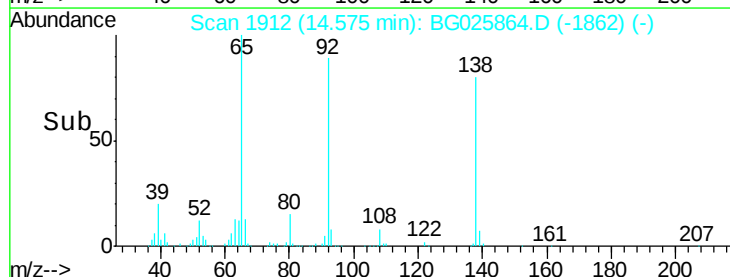
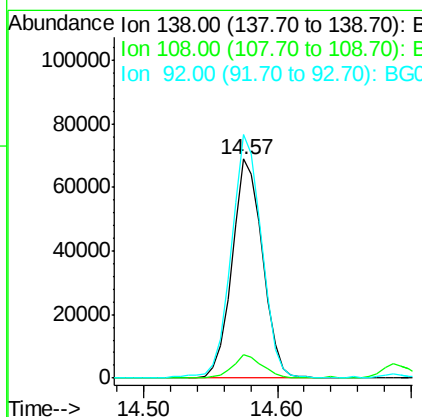
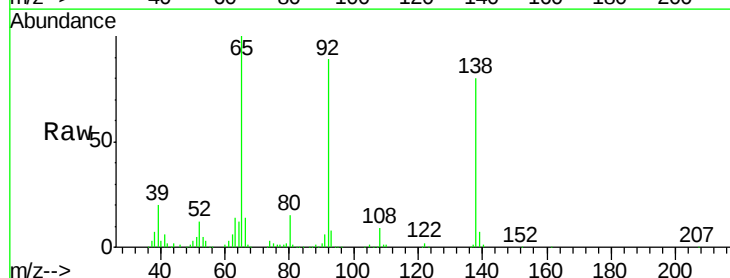
RT: 14.57 min Scan# 1912

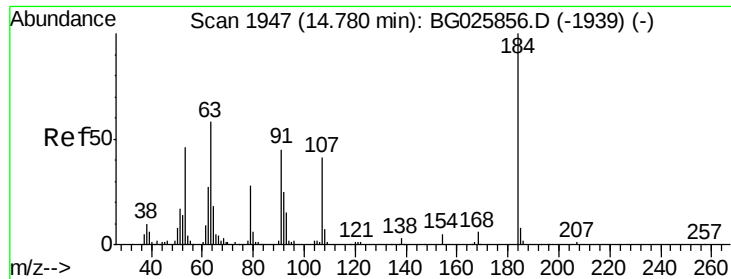
Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109207		
108	10.9	10.9	16.3	
92	111.3	115.3	172.9#	





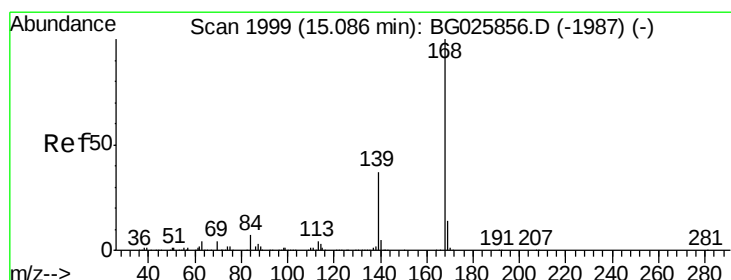
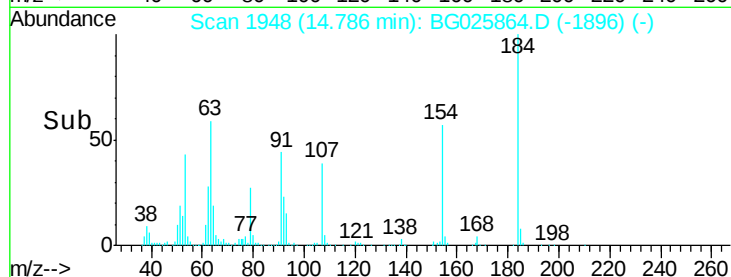
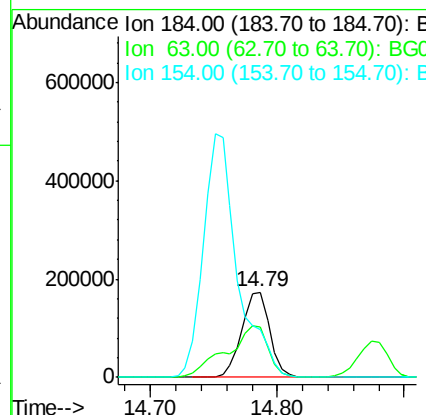
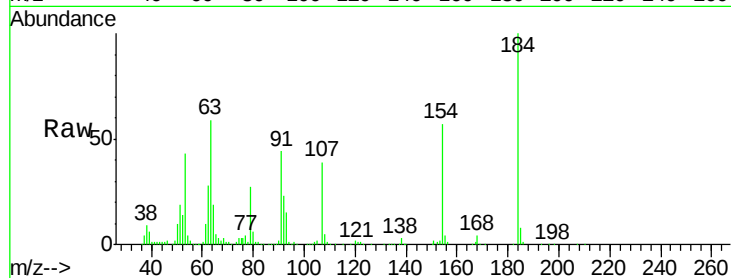
#53
2,4-Dinitrophenol
Concen: 96.34 ng
RT: 14.79 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	264647		
63	58.6	52.7	79.1	
154	56.6	57.3	85.9	

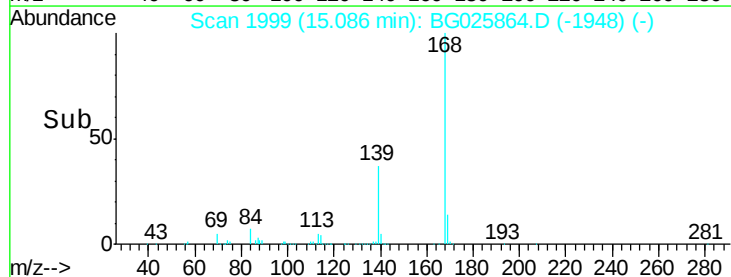
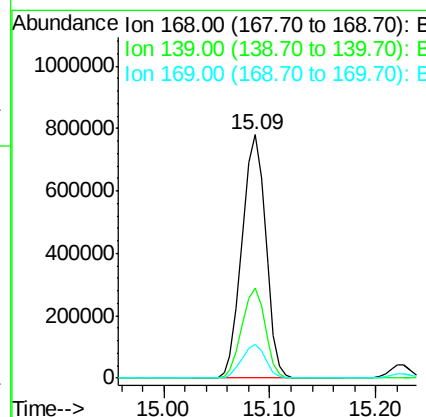
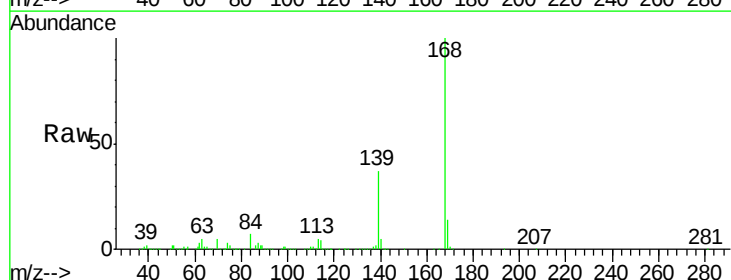
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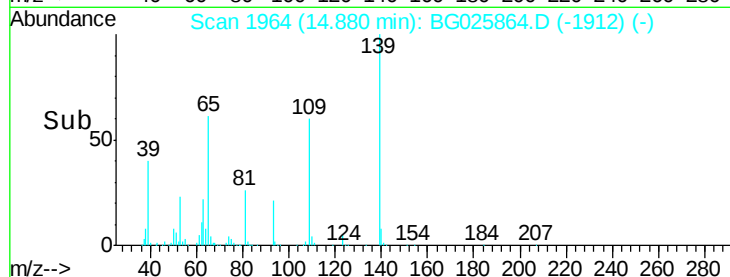
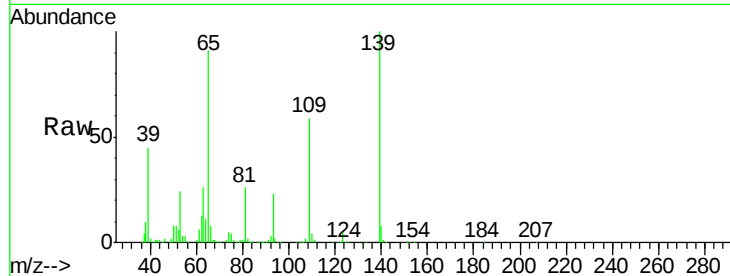
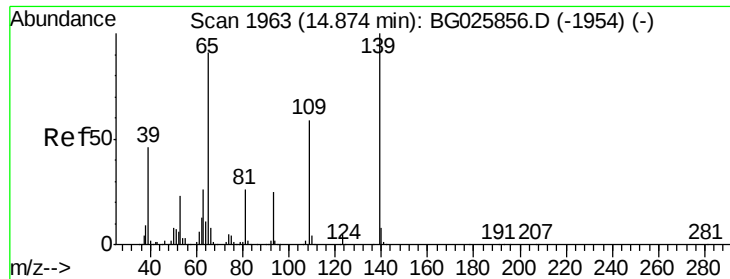
mohammad
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#54
Dibenzofuran
Concen: 43.34 ng
RT: 15.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1212394		
139	36.7	35.3	52.9	
169	13.9	11.5	17.3	





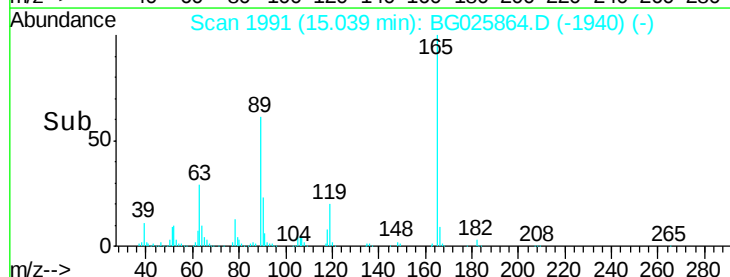
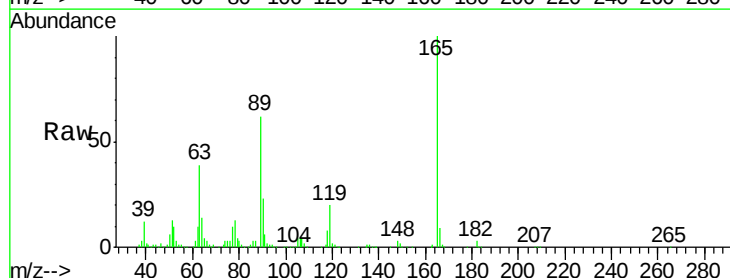
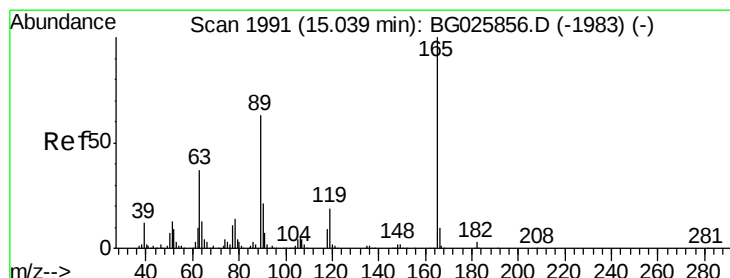
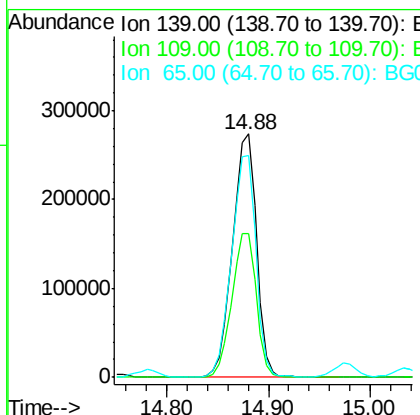
#55
4-Nitrophenol
Concen: 94.30 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	450642		
109	59.2	101.2	141.2#	
65	91.2	135.3	175.3#	

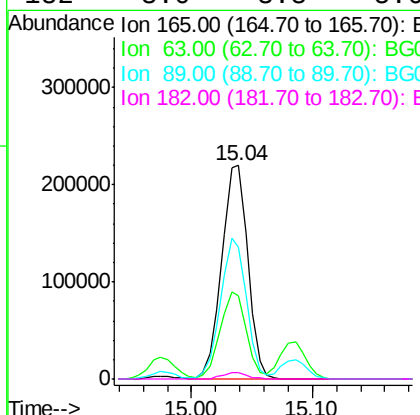
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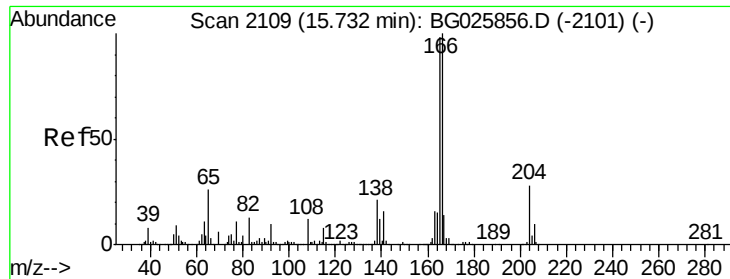
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#56
2,4-Dinitrotoluene
Concen: 46.80 ng
RT: 15.04 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	330536		
63	38.9	44.0	66.0#	
89	61.6	67.3	100.9#	
182	3.0	3.8	5.6#	





#57

Fluorene

Concen: 40.81 ng

RT: 15.73 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

PB97017BS

Tgt Ion:166 Resp: 1020279

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

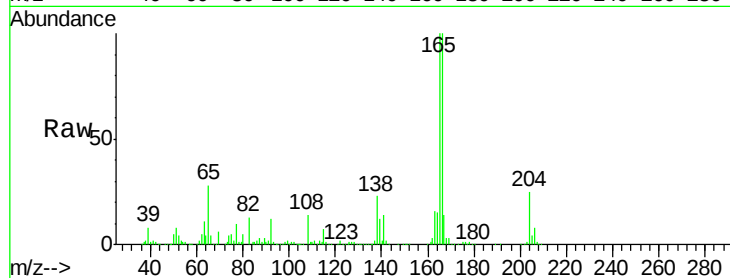
167 14.4 11.6 17.4

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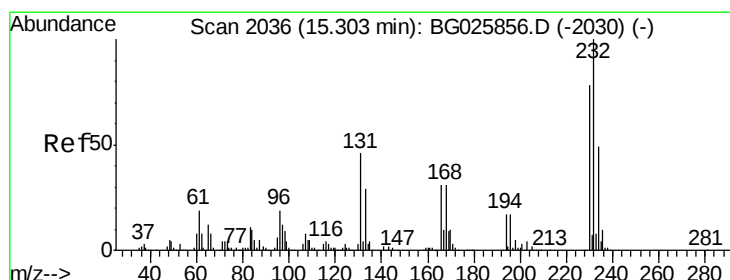
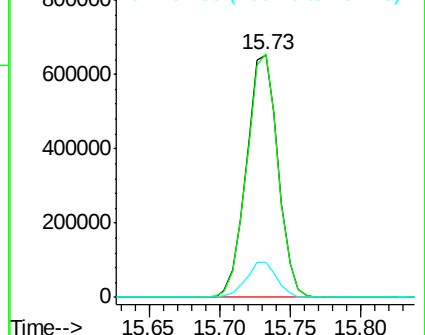
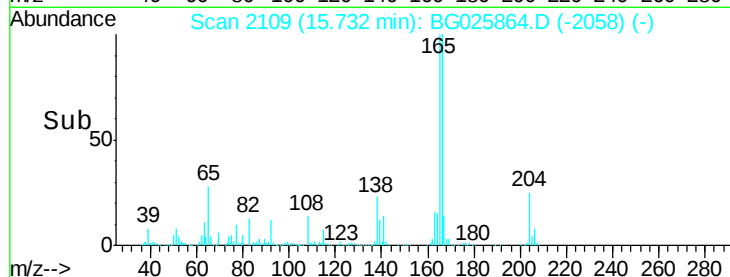
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 48.94 ng

RT: 15.30 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion:232 Resp: 270249

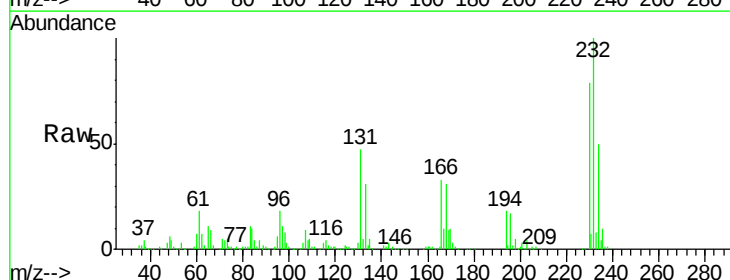
Ion Ratio Lower Upper

232 100

131 45.3 34.9 52.3

130 2.5 2.3 3.5

166 32.5 24.2 36.4

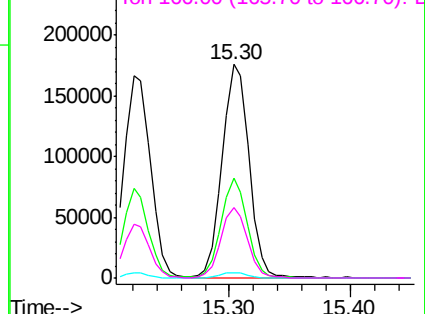
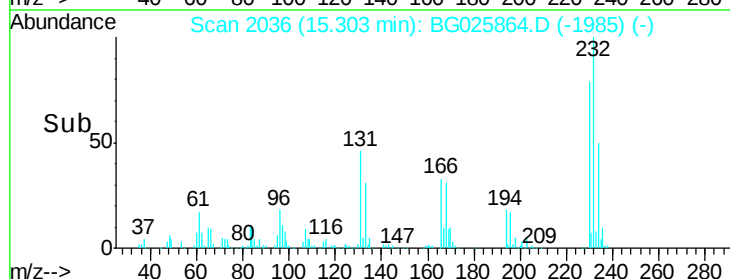


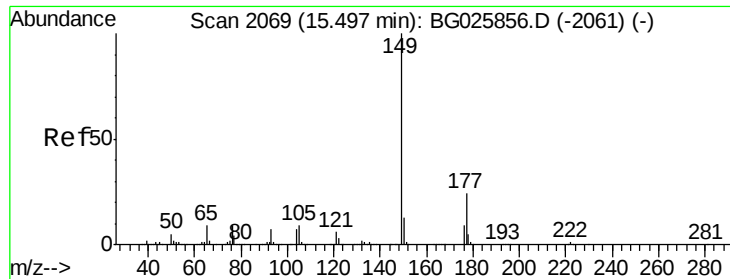
Abundance Ion 232.00 (231.70 to 232.70): E

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





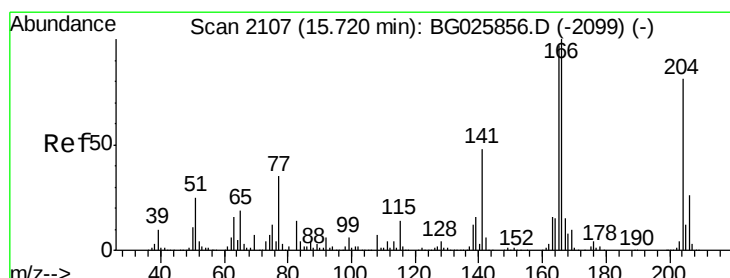
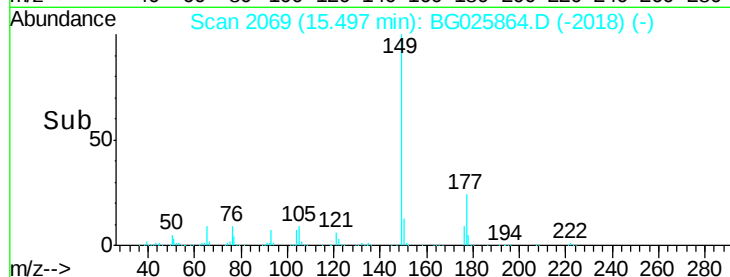
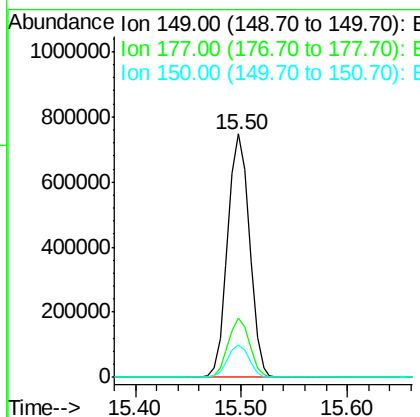
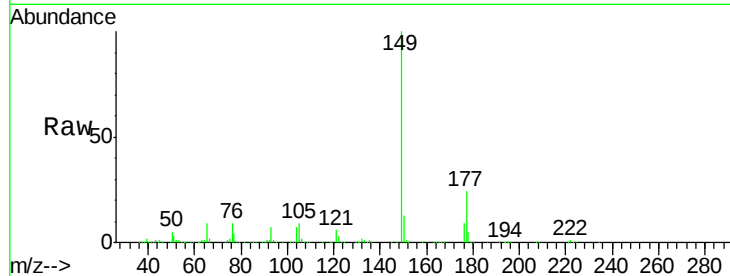
#59
Diethylphthalate
Concen: 44.20 ng
RT: 15.50 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.1	30.1
150	13.4	10.2	15.2

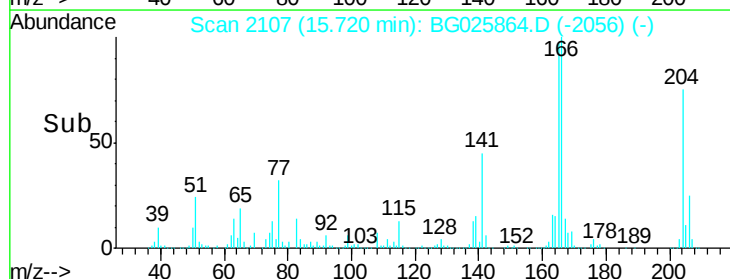
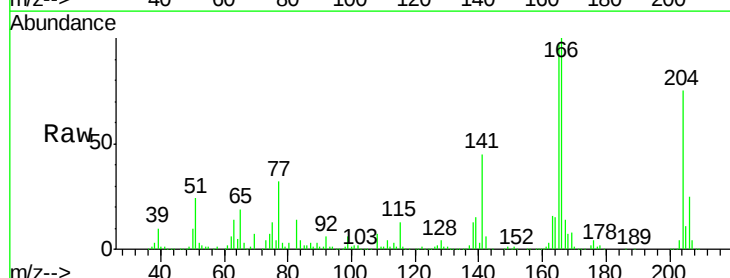
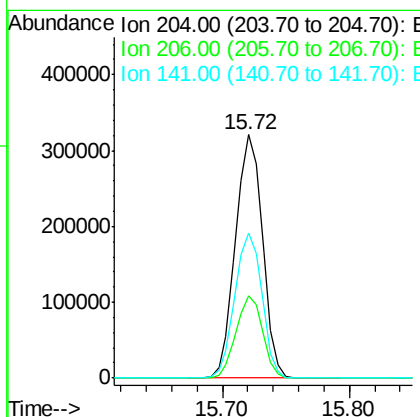
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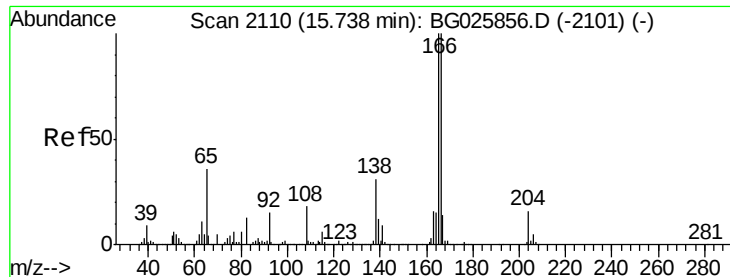
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.64 ng
RT: 15.72 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	30.1	45.1
141	59.6	50.6	76.0





#61

4-Nitroaniline

Concen: 44.27 ng

RT: 15.74 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

PB97017BS

Tgt Ion: 138 Resp: 269472
Ion Ratio Lower Upper

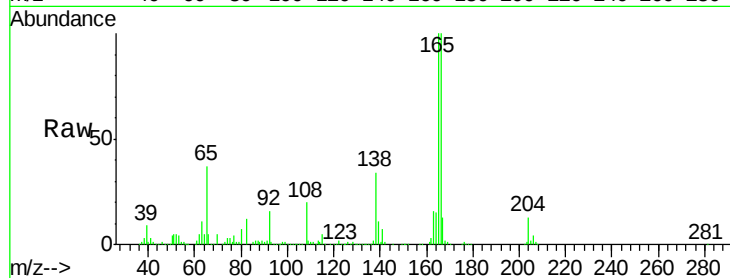
138 100

92 47.3 44.2 84.2

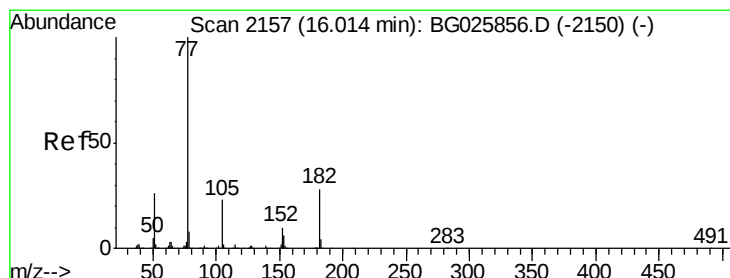
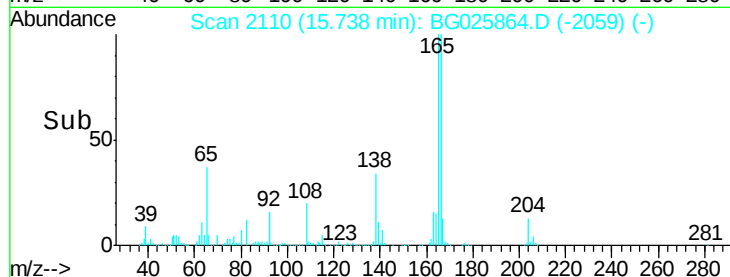
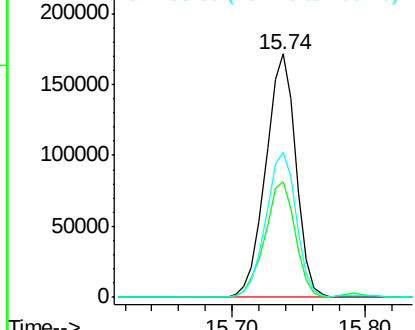
108 59.6 104.8 144.8#

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



#62

Azobenzene

Concen: 46.76 ng

RT: 16.01 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion: 77 Resp: 971624
Ion Ratio Lower Upper

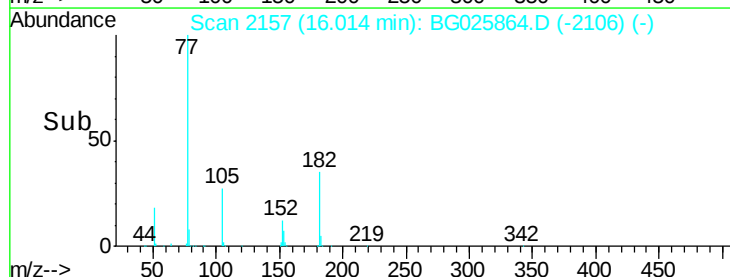
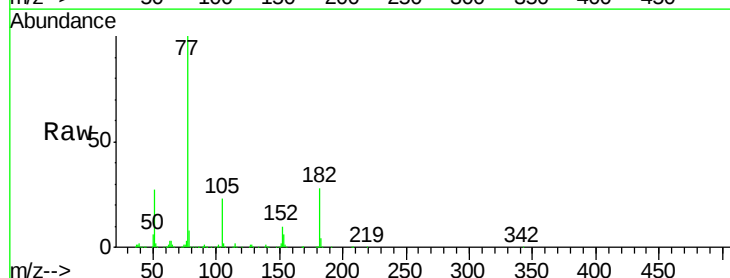
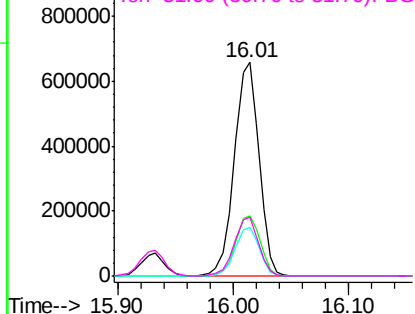
77 100

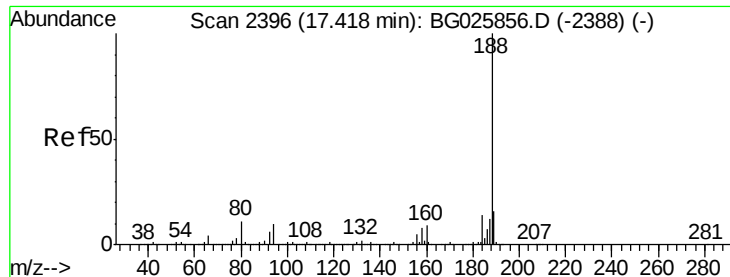
182 28.4 4.7 44.7

105 22.6 0.0 36.3

51 27.3 16.4 56.4

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





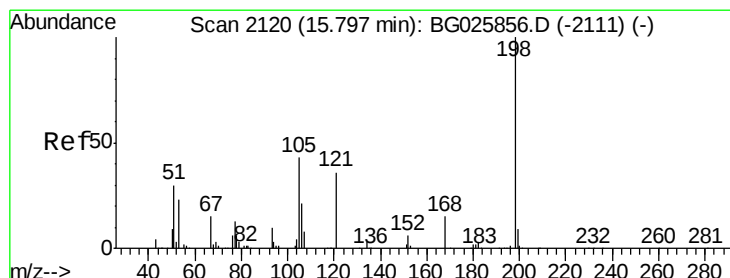
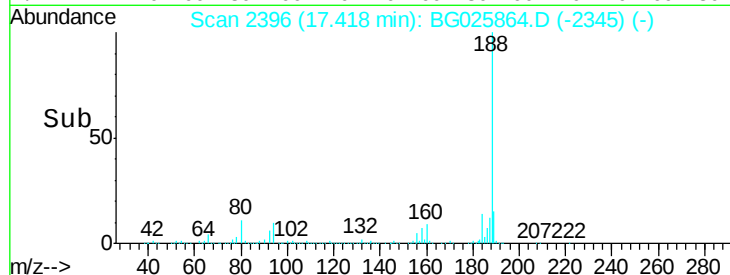
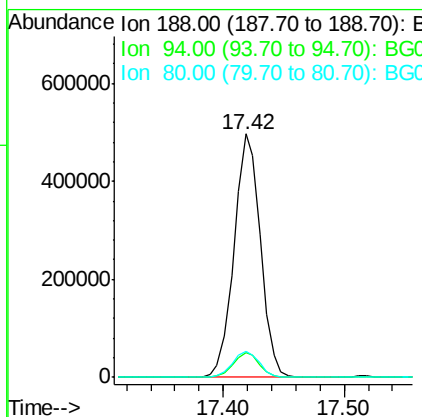
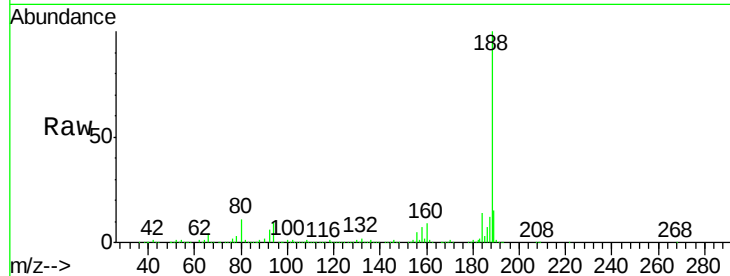
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	753014		
94	10.3	5.8	8.8#	
80	10.8	7.5	11.3	

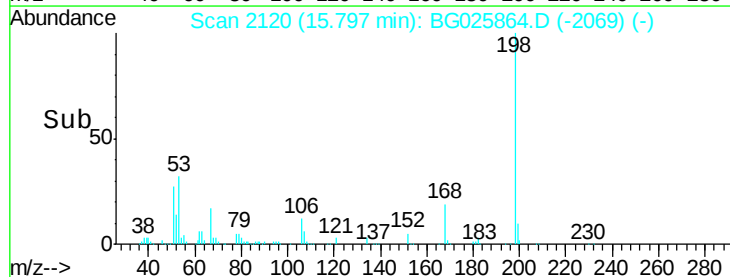
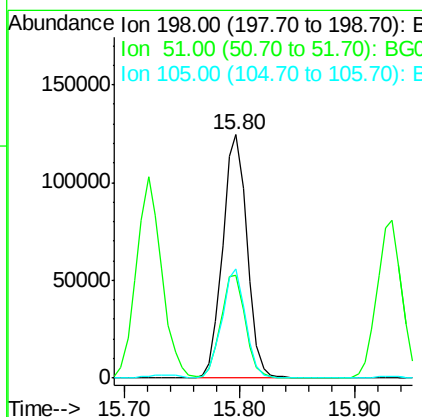
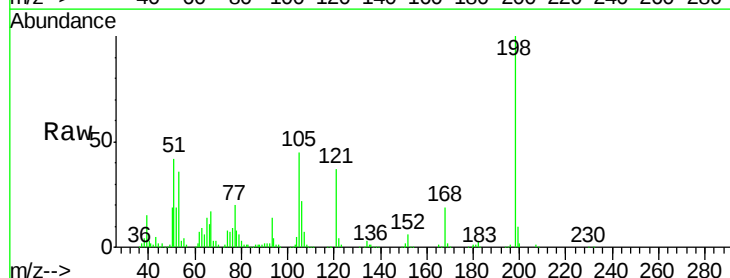
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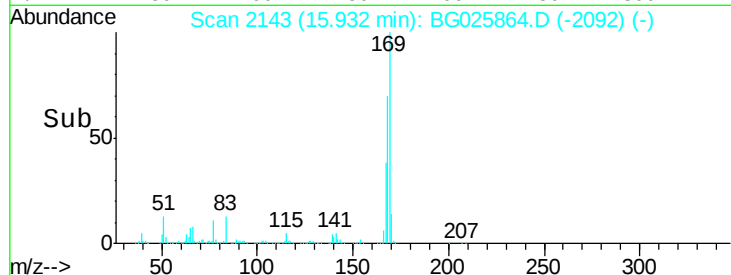
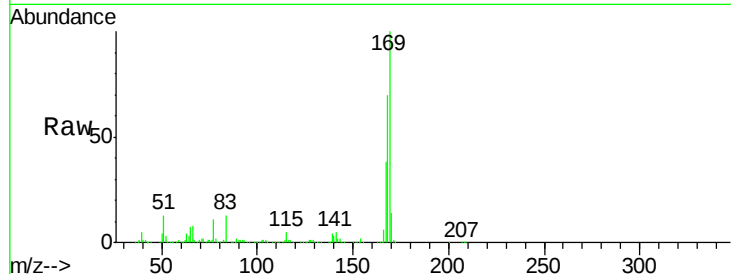
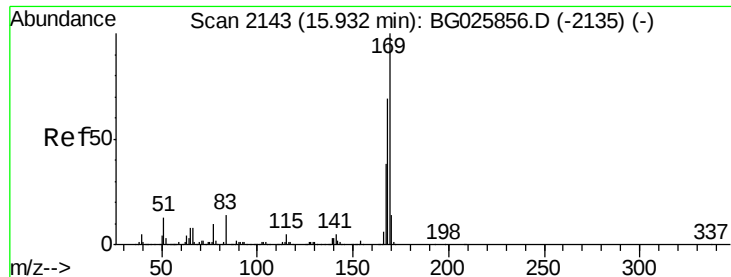
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.37 ng
RT: 15.80 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	182294		
51	42.4	22.6	62.6	
105	44.8	14.4	54.4	





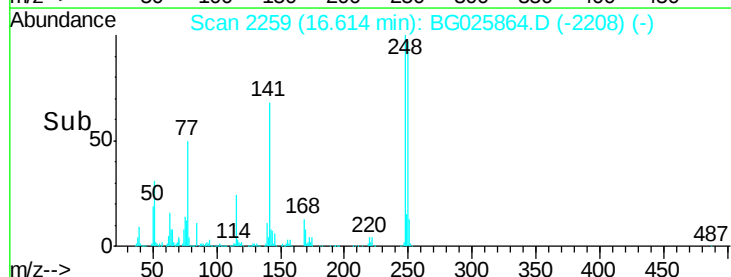
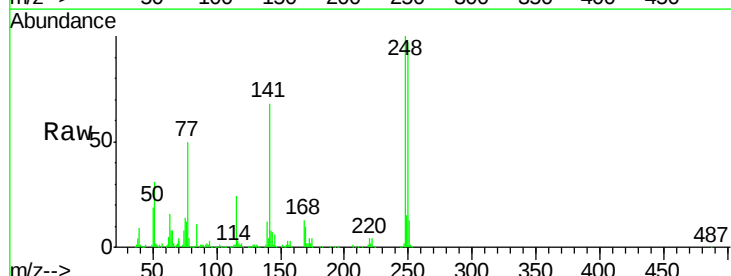
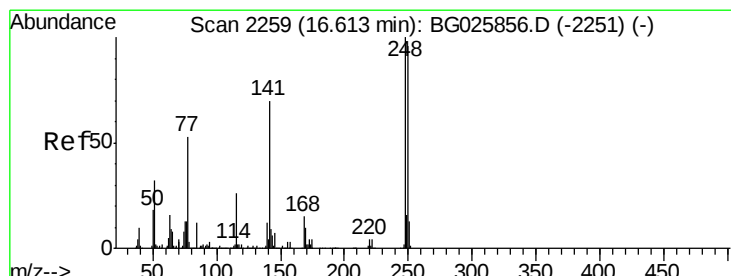
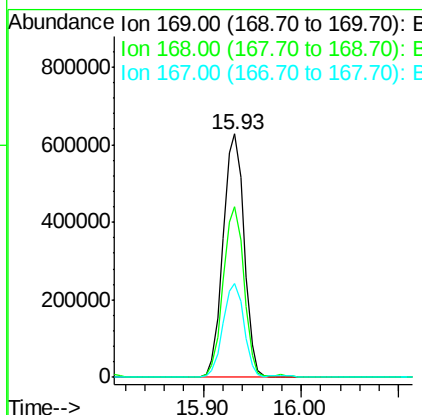
#65
n-Nitrosodiphenylamine
Concen: 41.08 ng
RT: 15.93 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	938127		
168	70.0	55.7	83.5	
167	38.4	29.8	44.6	

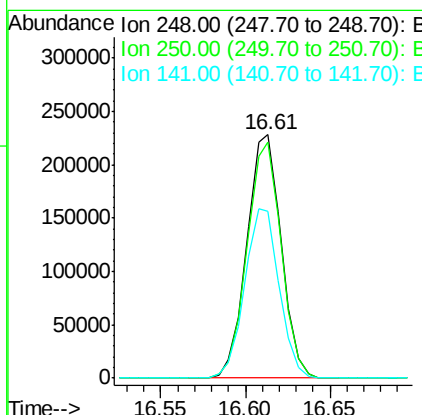
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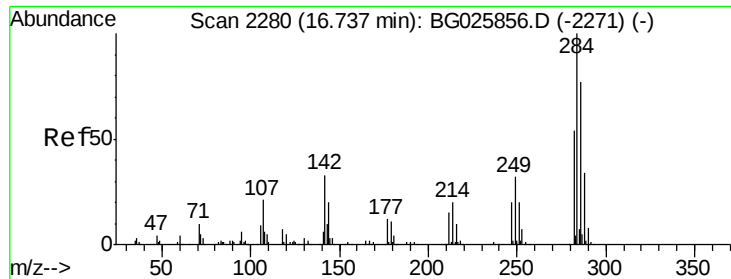
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#66
4-Bromophenyl-phenylether
Concen: 40.81 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	322120		
250	97.1	75.0	112.6	
141	68.3	55.2	82.8	





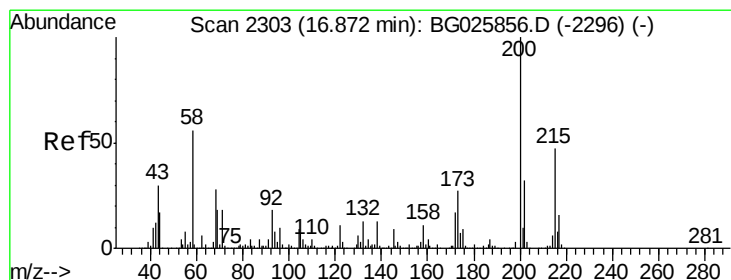
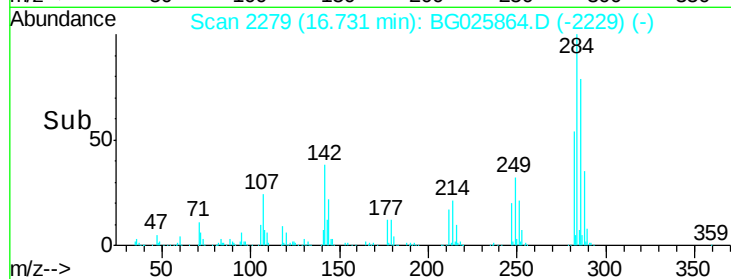
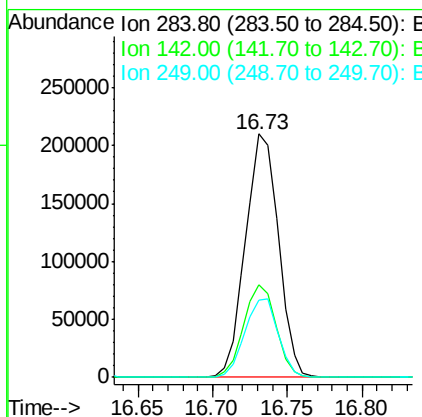
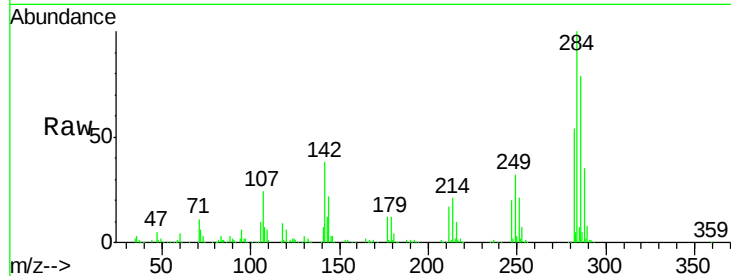
#67
Hexachlorobenzene
Concen: 39.44 ng
RT: 16.73 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampled :
PB97017BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	37.8	29.9	44.9
249	31.9	29.2	43.8

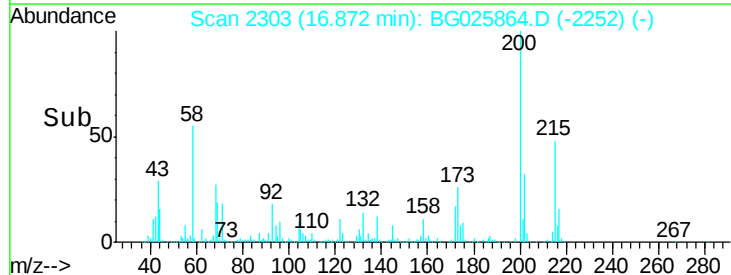
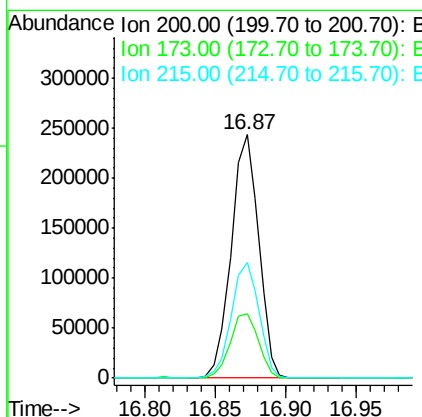
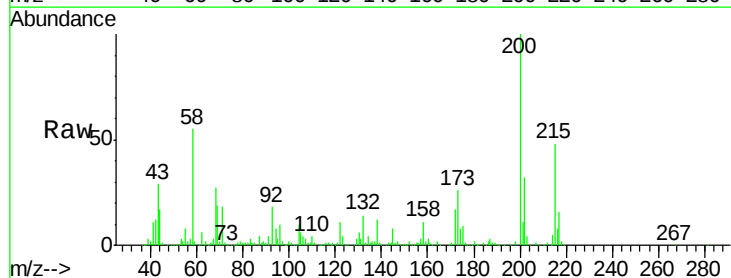
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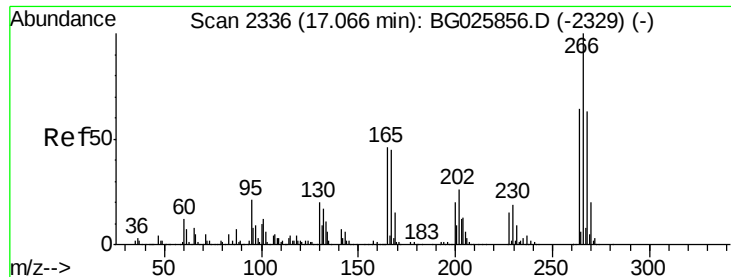
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#68
Atrazine
Concen: 40.80 ng
RT: 16.87 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	3.0	43.0
215	47.6	28.4	68.4





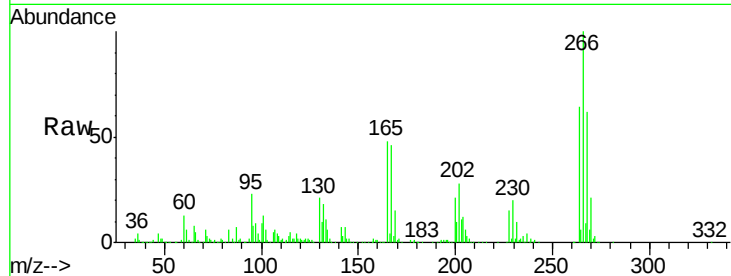
#69
 Pentachlorophenol
 Concen: 84.67 ng
 RT: 17.07 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	48.6	72.8
264	63.5	50.1	75.1

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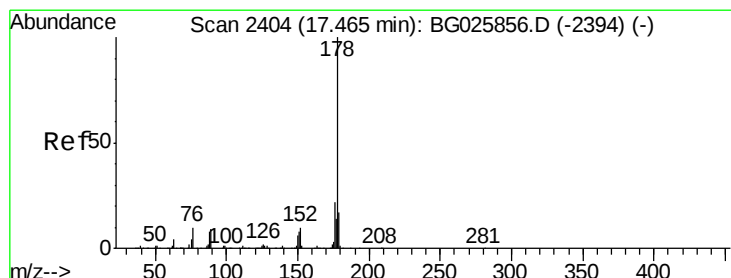
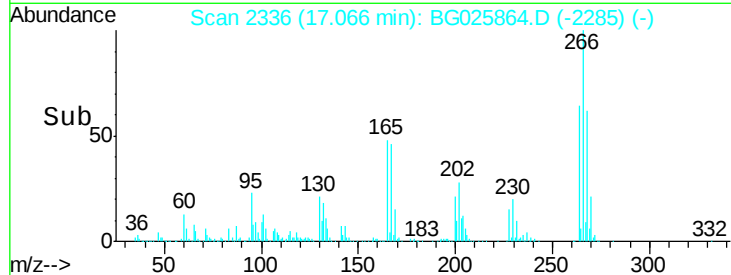
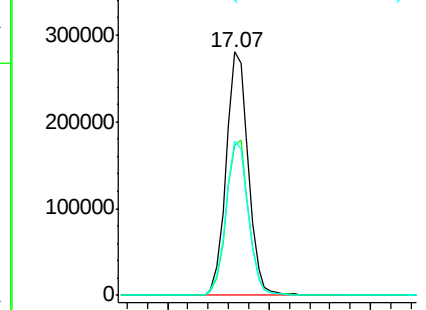


Abundance

Ion 265.70 (265.40 to 266.40): E

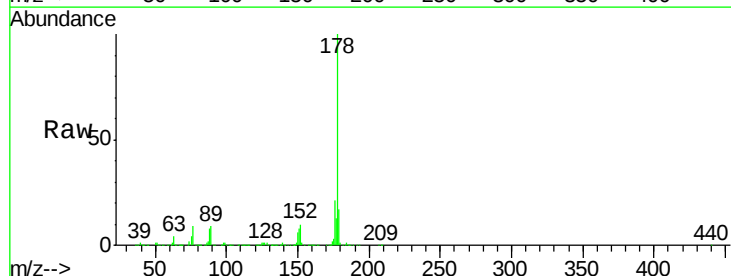
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.20 ng
 RT: 17.47 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	16.5	15.0	22.6

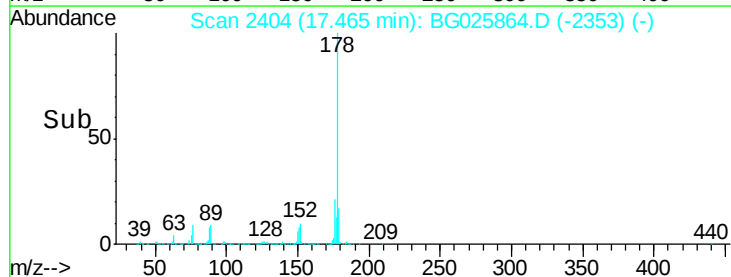
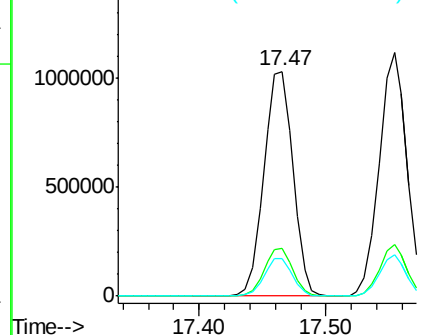


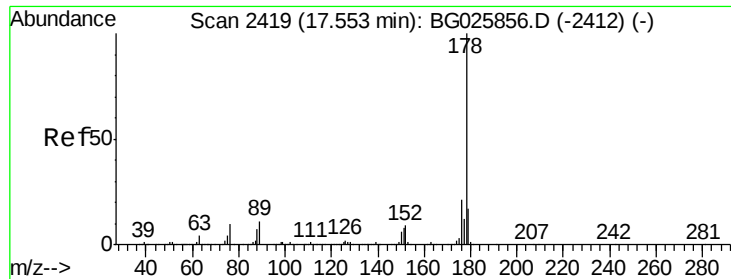
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





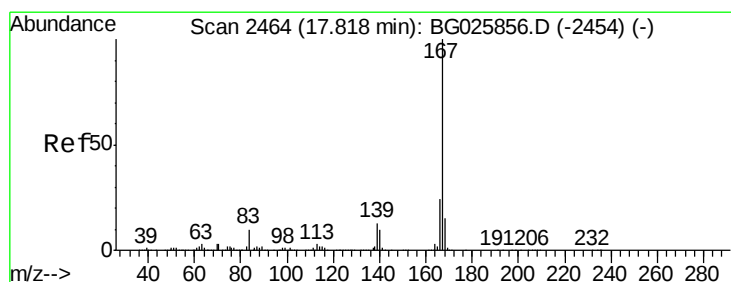
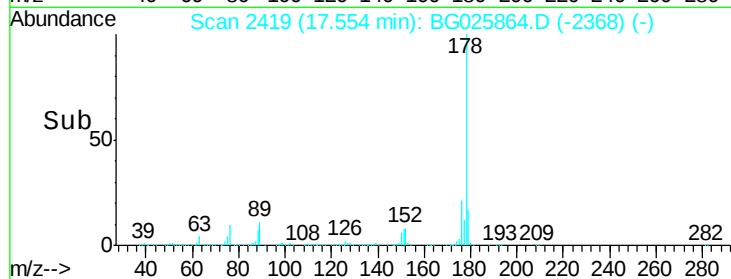
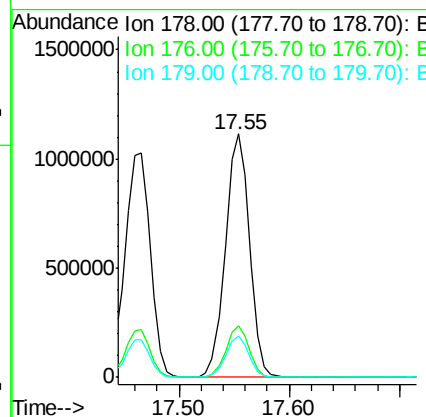
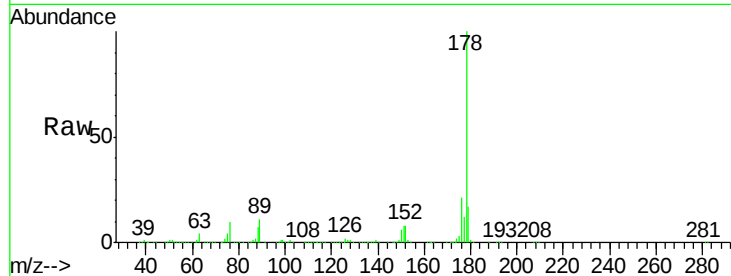
#71
 Anthracene
 Concen: 40.57 ng
 RT: 17.55 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.4	24.6
179	16.8	13.8	20.8

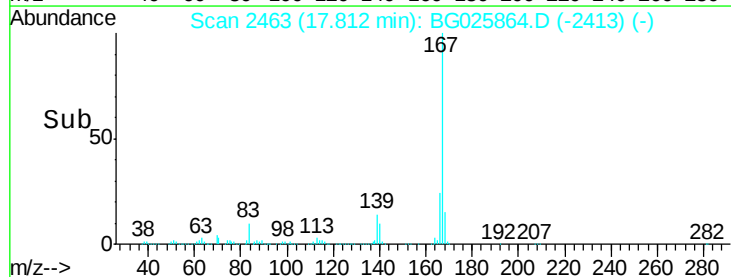
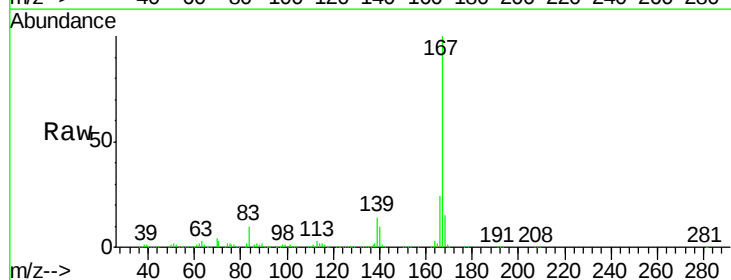
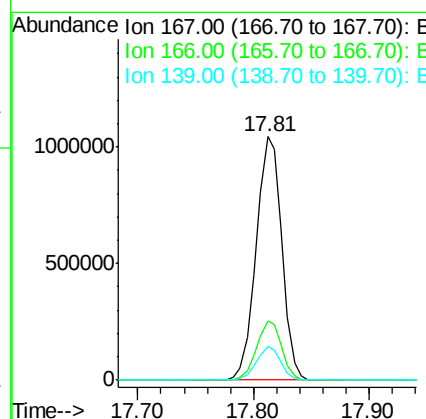
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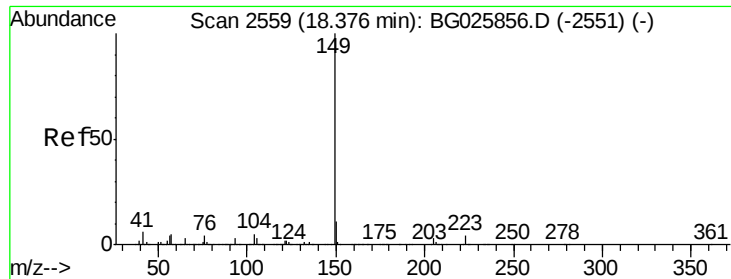
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#72
 Carbazole
 Concen: 38.50 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	13.6	12.8	19.2





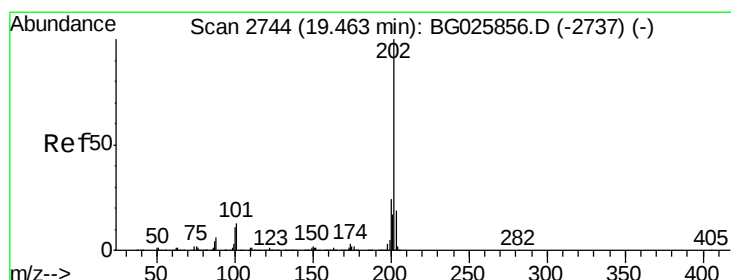
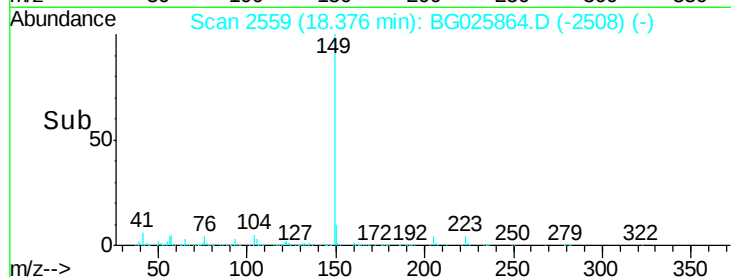
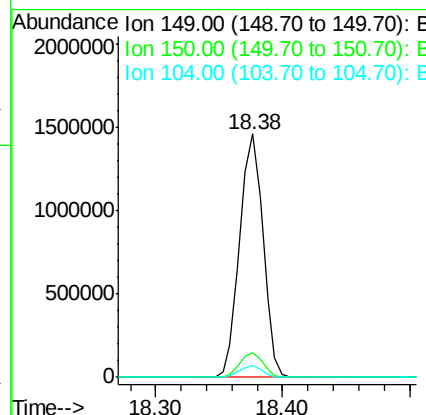
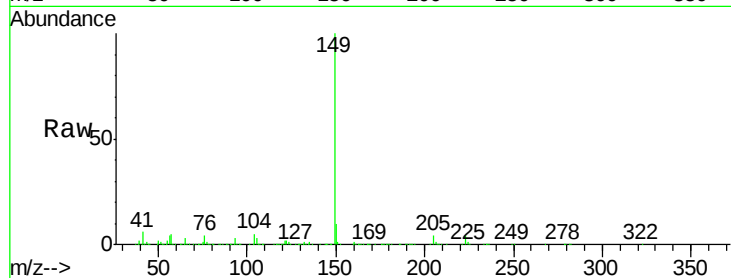
#73
Di-n-butylphthalate
Concen: 45.25 ng
RT: 18.38 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1859799		
150	10.2		9.1	13.7
104	4.8		6.7	10.1

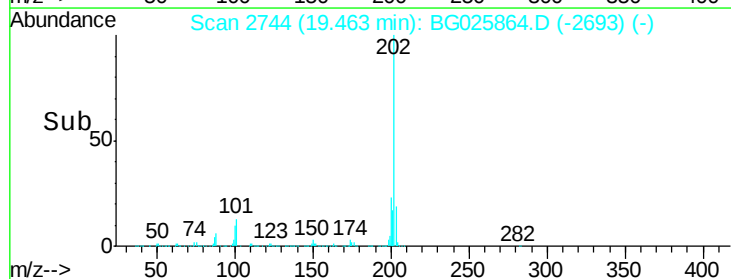
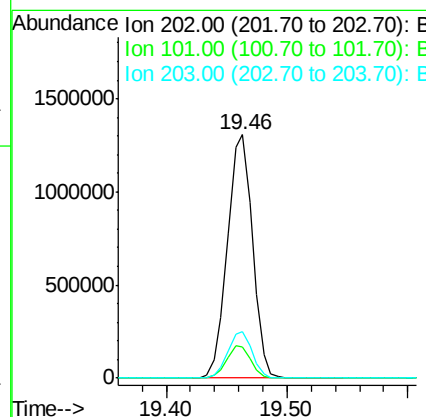
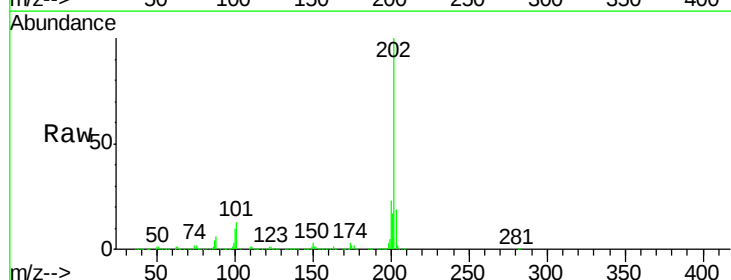
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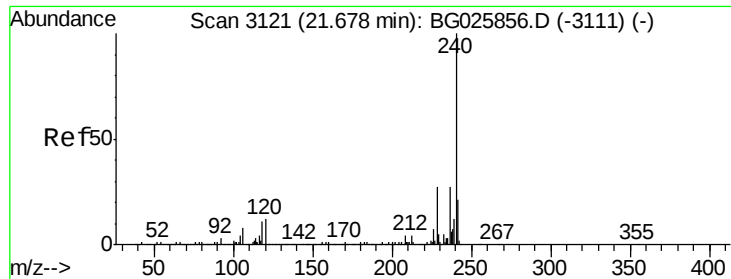
mohammad
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#74
Fluoranthene
Concen: 41.69 ng
RT: 19.46 min Scan# 2744
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1876177		
101	13.0		0.0	30.1
203	19.0		1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.67 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

PB97017BS

Tgt Ion:240 Resp: 745375

Ion Ratio Lower Upper

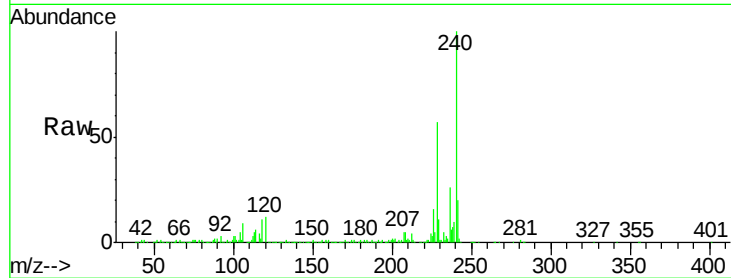
240 100

120 12.2 5.7 8.5#

236 26.3 22.2 33.4

Manual Integrations
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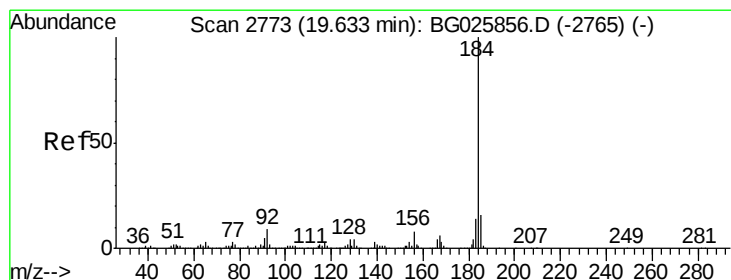
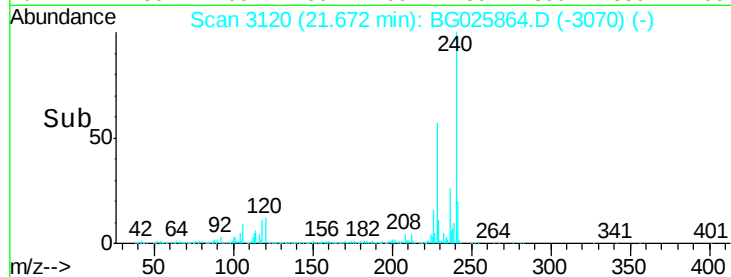
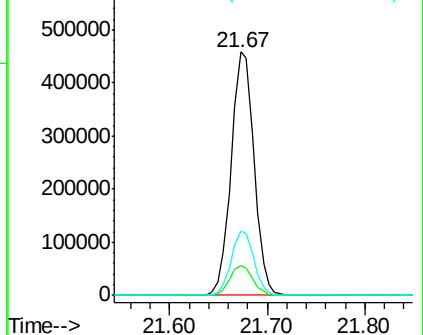
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.51 ng

RT: 19.63 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

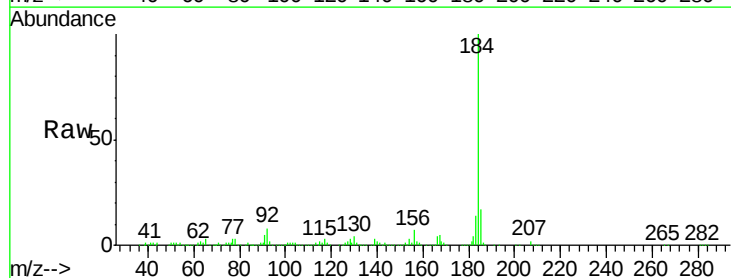
Tgt Ion:184 Resp: 529676

Ion Ratio Lower Upper

184 100

185 17.0 13.0 19.6

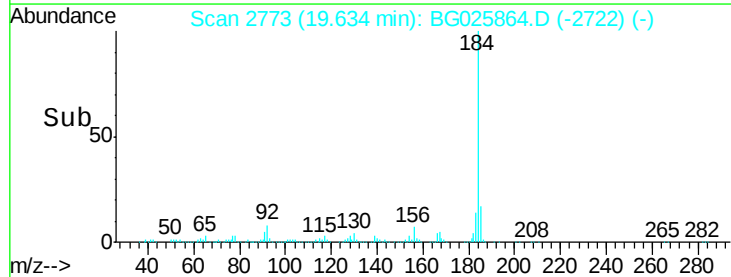
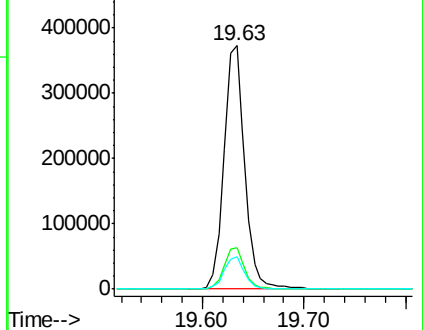
183 13.6 11.0 16.6

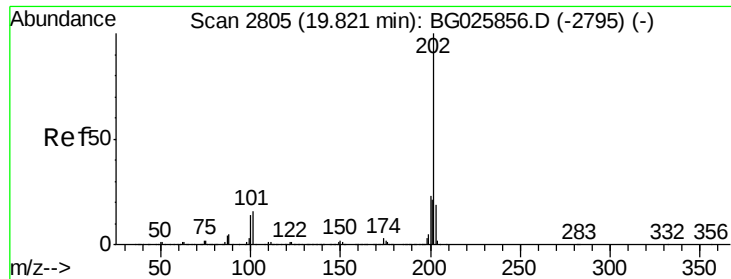


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.26 ng

RT: 19.82 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

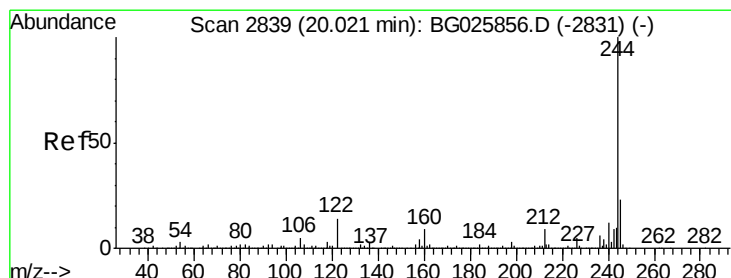
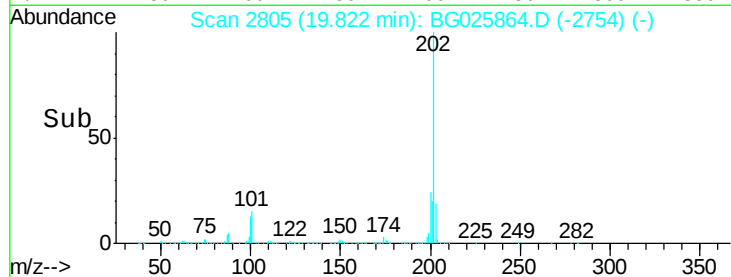
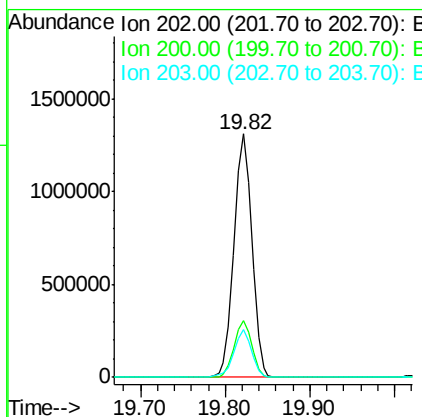
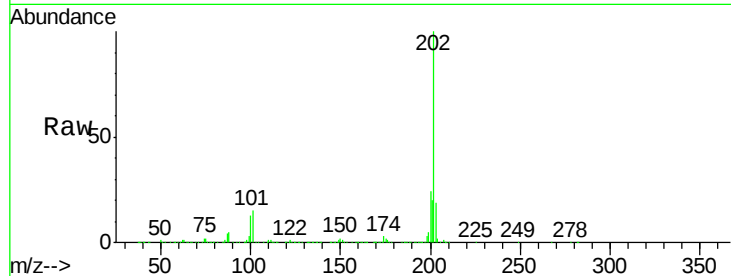
ClientSampleId :

PB97017BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	19.6	29.4
203	19.4	15.8	23.8

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#78

Terphenyl-d14

Concen: 74.99 ng

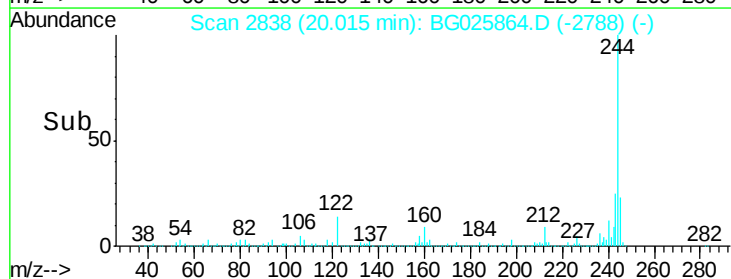
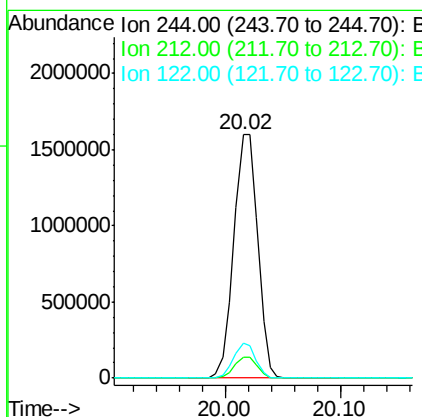
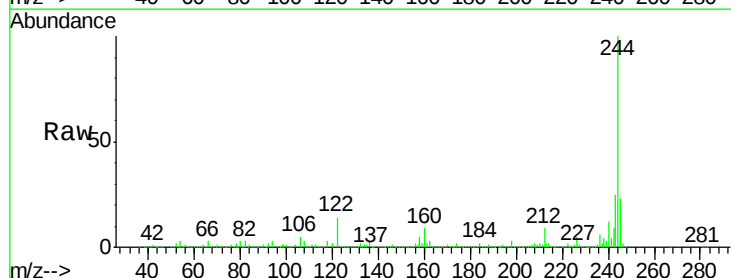
RT: 20.02 min Scan# 2838

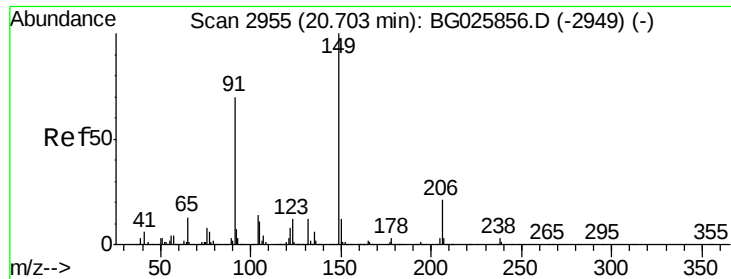
Delta R.T. -0.01 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	14.3	8.6	12.8#





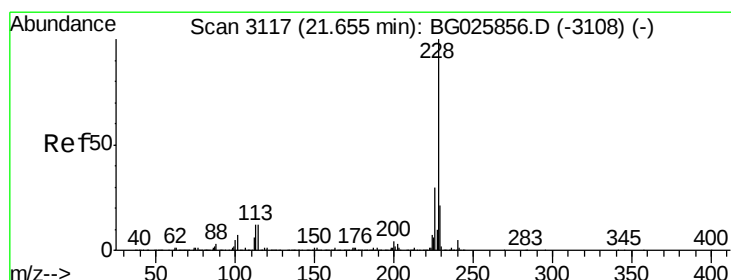
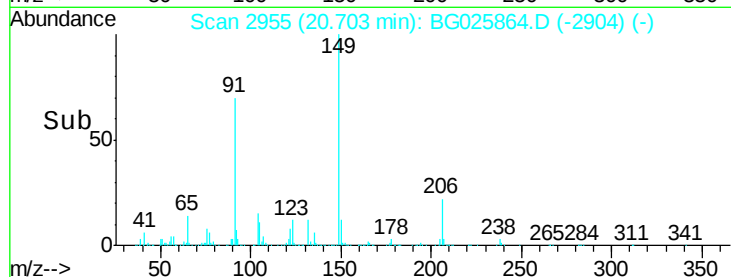
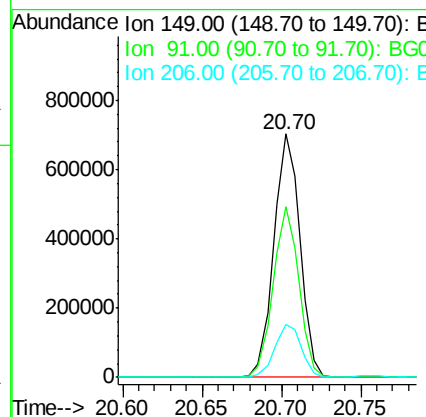
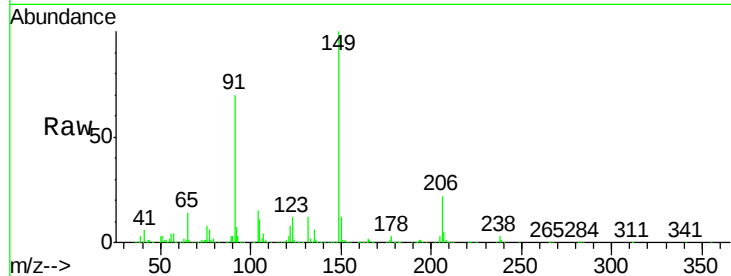
#79
Butylbenzylphthalate
Concen: 45.25 ng
RT: 20.70 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	809600		
91	70.0	63.5	95.3	
206	21.7	21.0	31.6	

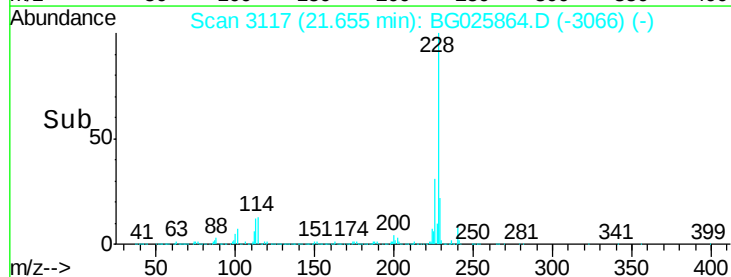
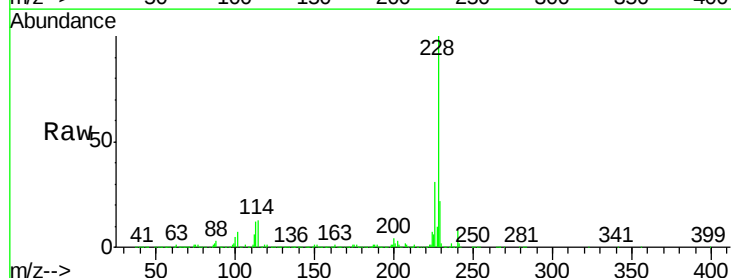
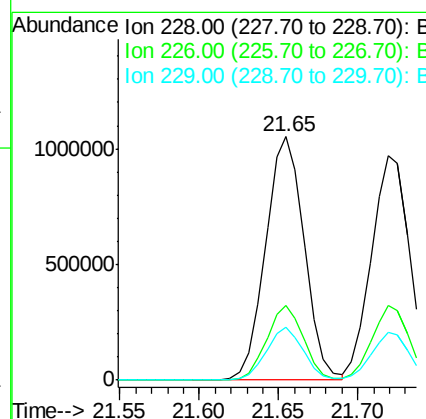
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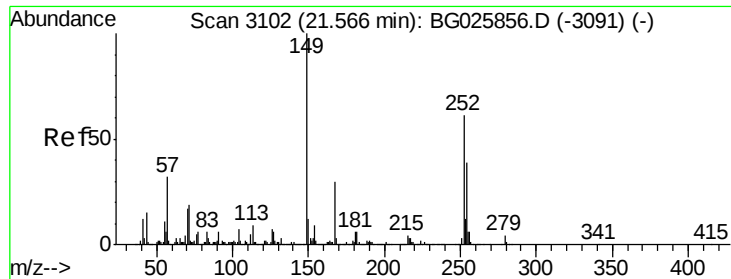
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#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 21.65 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1780260		
226	30.6	24.9	37.3	
229	21.5	18.2	27.2	





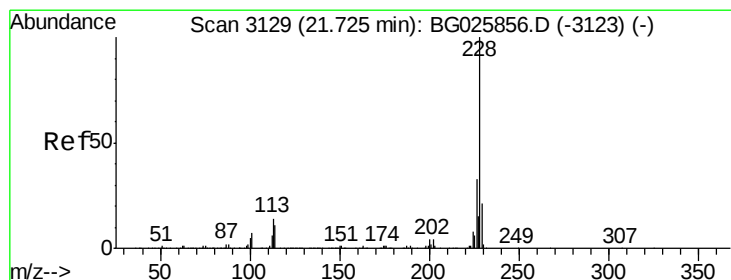
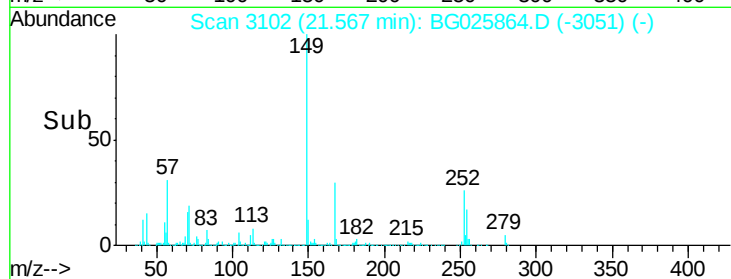
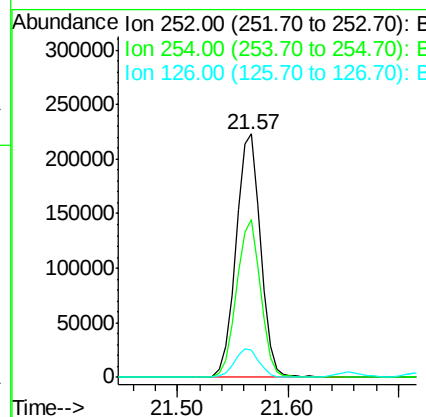
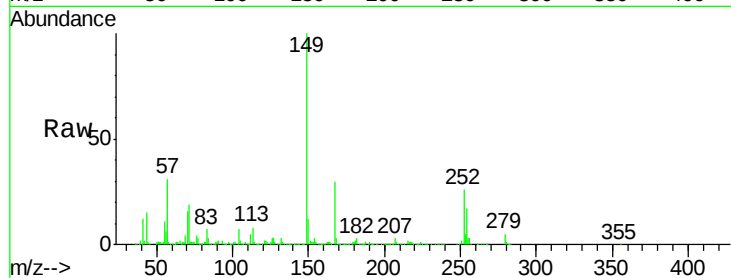
#81
 3,3'-Dichlorobenzidine
 Concen: 22.43 ng
 RT: 21.57 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.1	79.7
126	11.0	7.0	10.4

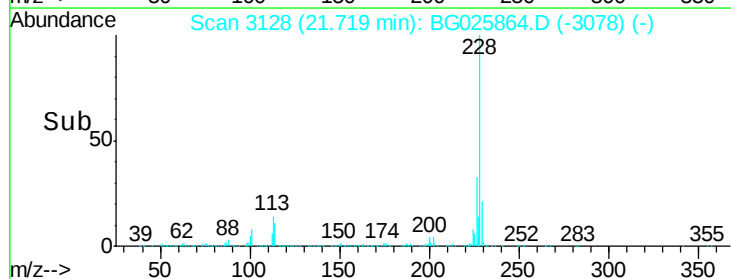
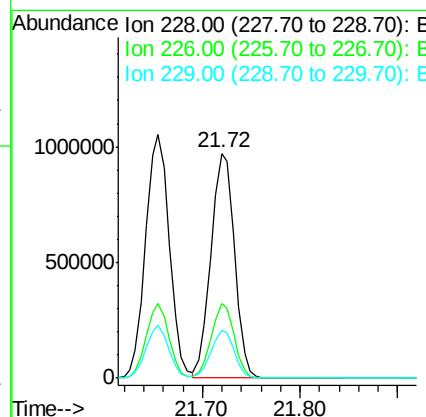
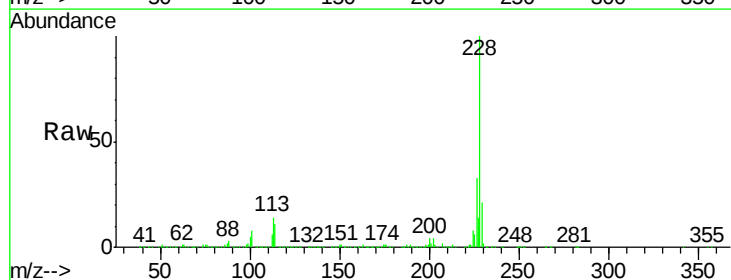
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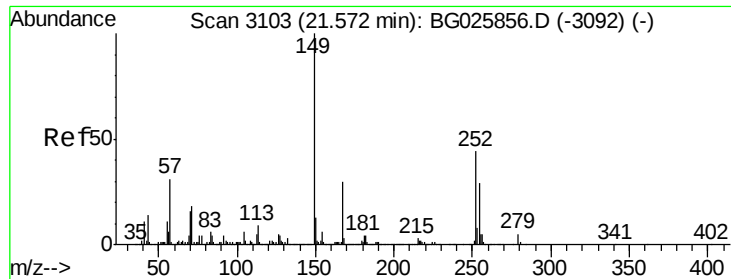
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#82
 Chrysene
 Concen: 38.84 ng
 RT: 21.72 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.0	40.4
229	21.2	17.8	26.6





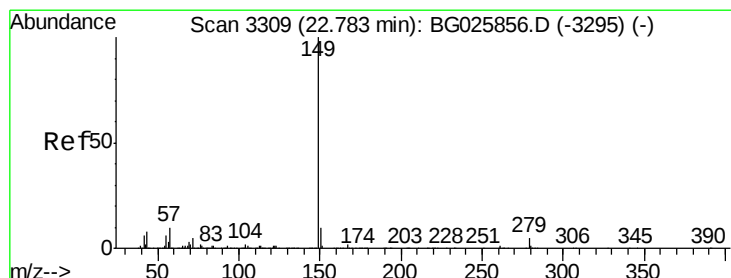
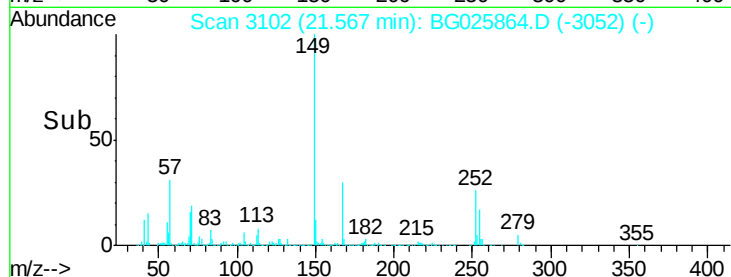
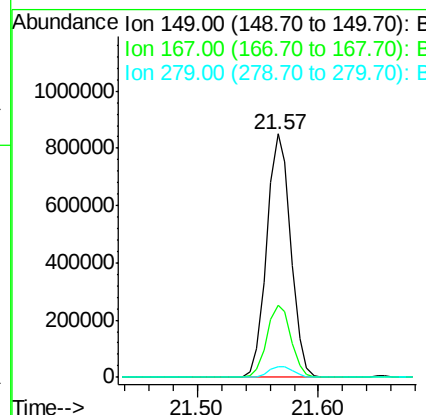
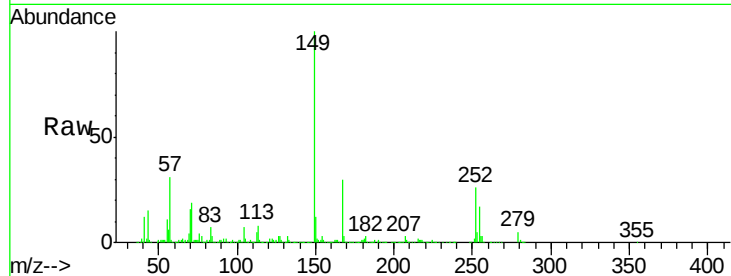
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.24 ng
 RT: 21.57 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	4.6	4.6	6.8

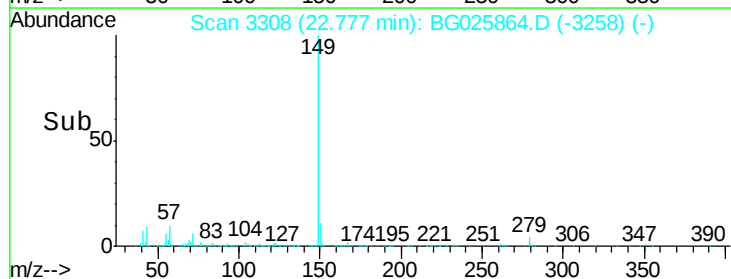
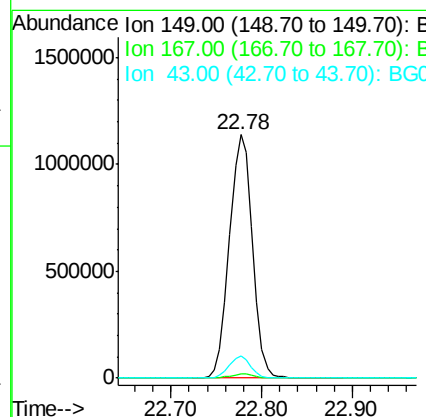
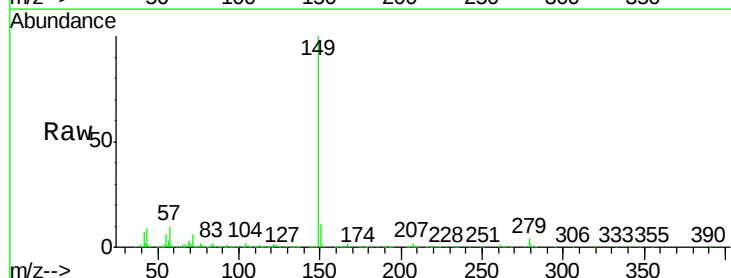
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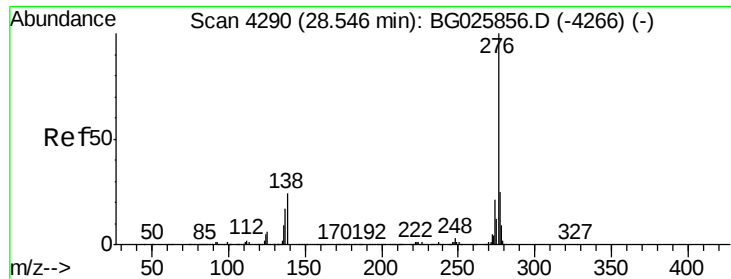
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#84
 Di-n-octyl phthalate
 Concen: 46.87 ng
 RT: 22.78 min Scan# 3308
 Delta R.T. -0.01 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.6	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.36 ng

RT: 28.55 min Scan# 4290

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

Instrument :

BNA_G

ClientSampled :

PB97017BS

Tgt Ion:276 Resp: 2087725

Ion Ratio Lower Upper

276 100

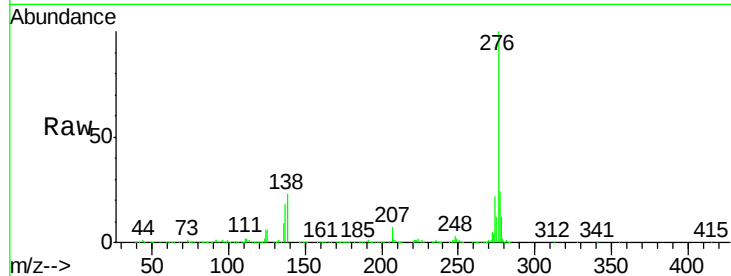
138 28.8 4.7 7.1#

277 26.1 20.6 31.0

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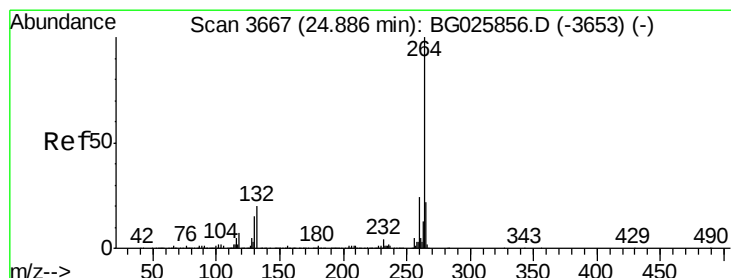
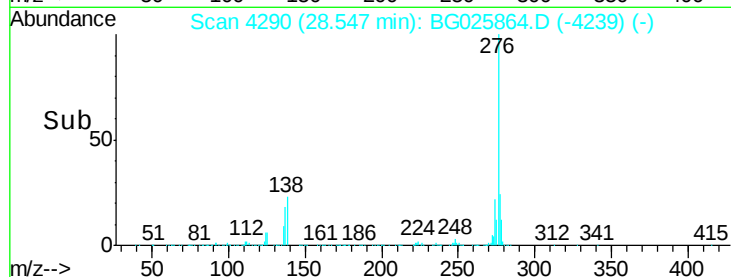
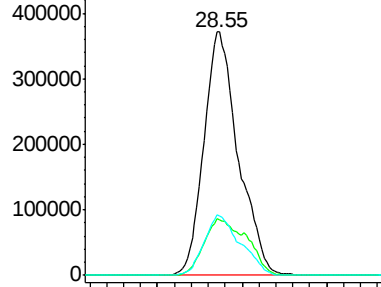
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.89 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG025864.D

Acq: 17 Feb 2017 18:19

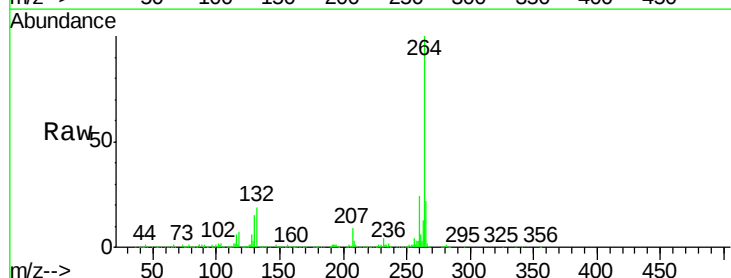
Tgt Ion:264 Resp: 735269

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

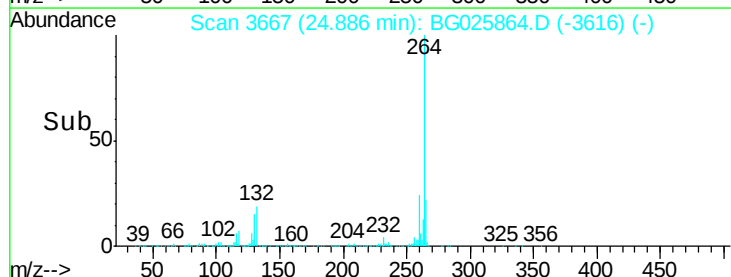
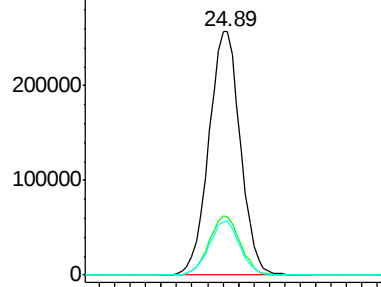
265 22.0 18.2 27.4

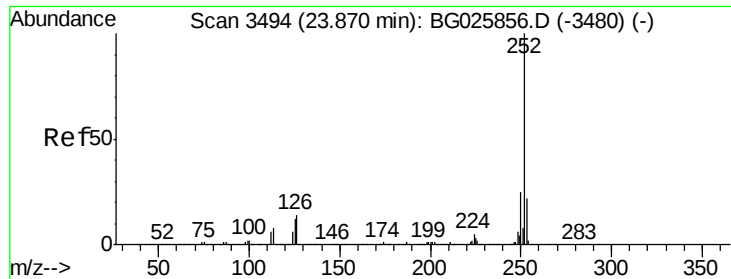


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





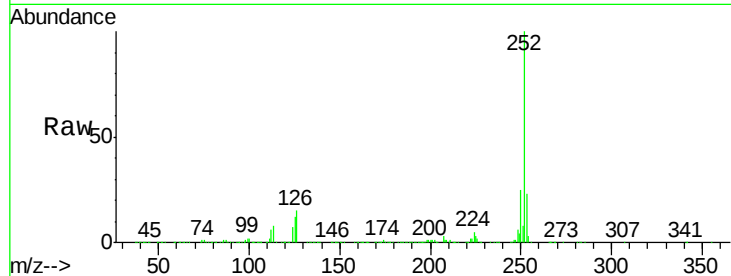
#87
Benzo(b)fluoranthene
Concen: 40.88 ng
RT: 23.86 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

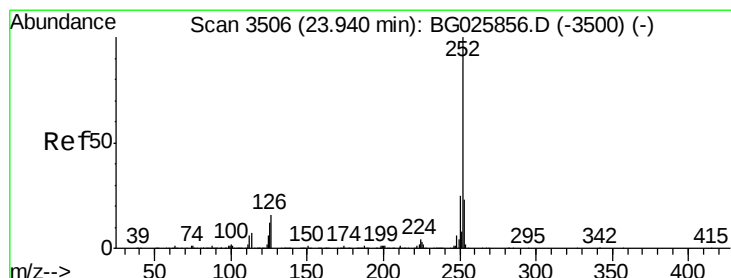
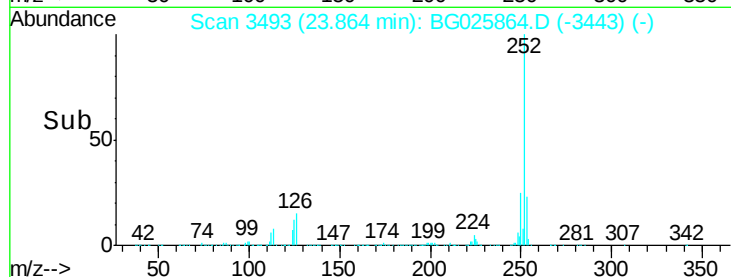
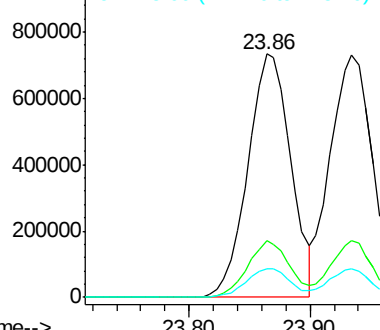
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	12.0	5.3	7.9#

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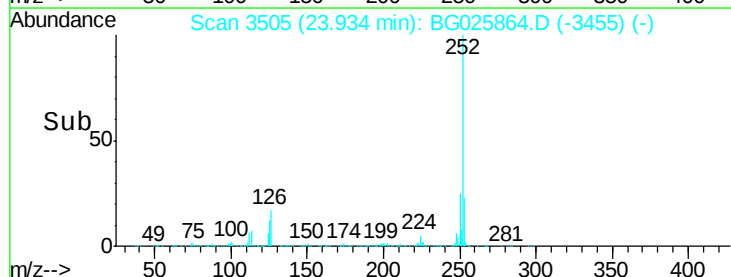
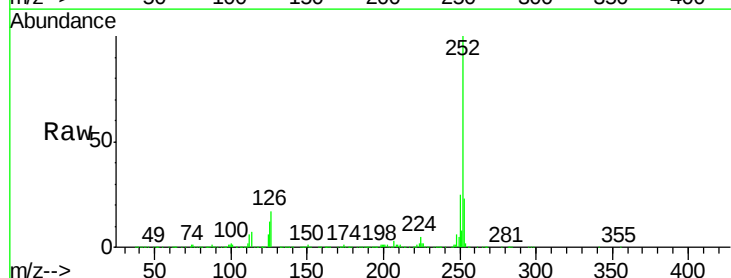
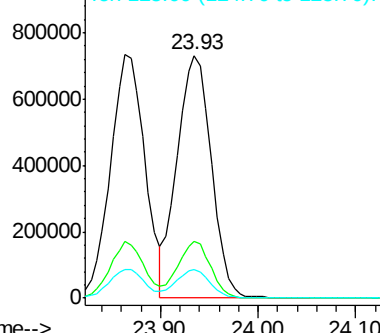
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

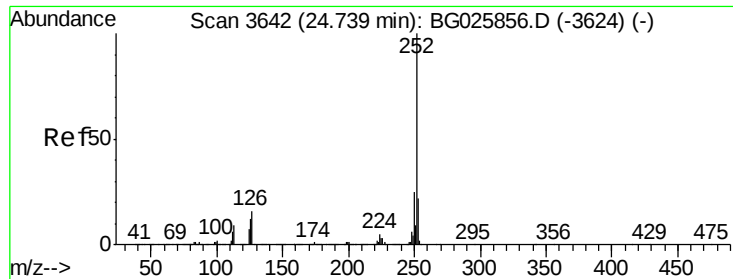


#88
Benzo(k)fluoranthene
Concen: 41.36 ng
RT: 23.93 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	11.8	5.1	7.7#

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





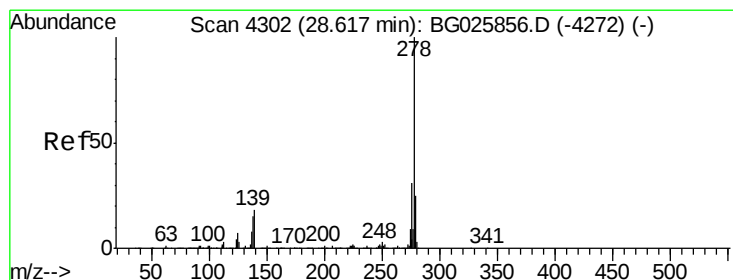
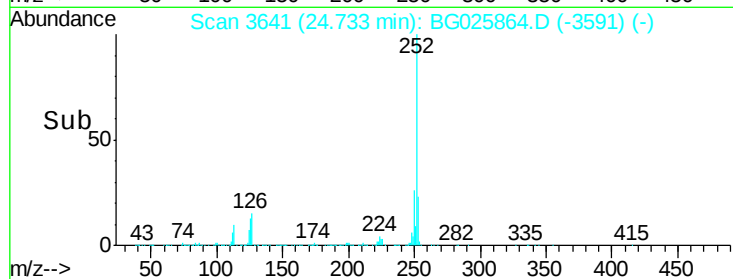
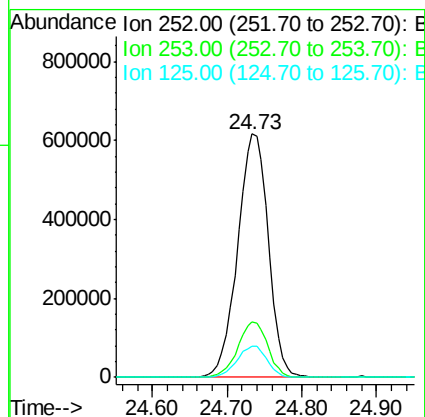
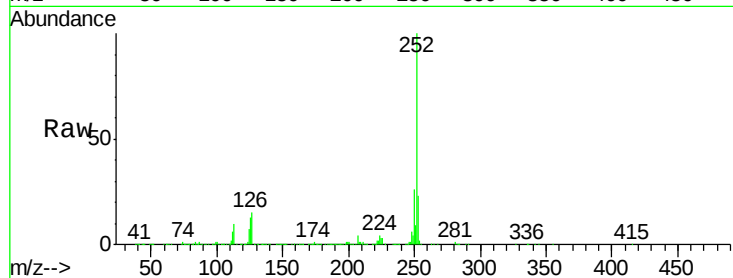
#89
Benzo(a)pyrene
Concen: 42.13 ng
RT: 24.73 min Scan# 3641
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
PB97017BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	12.9	5.4	8.0#

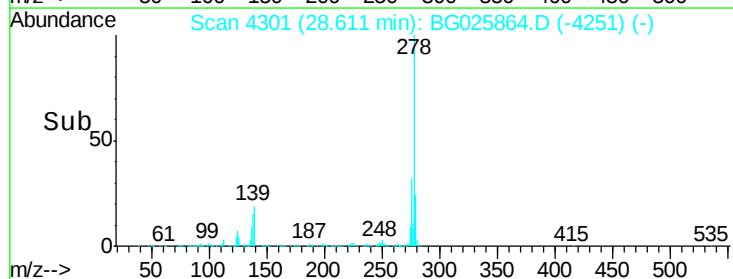
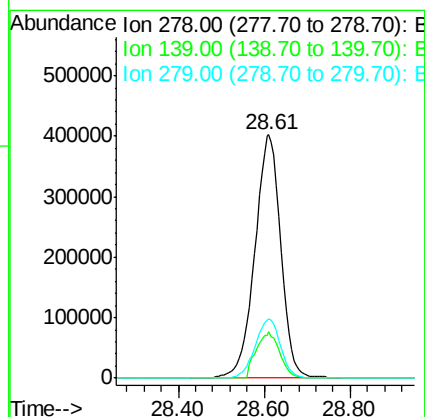
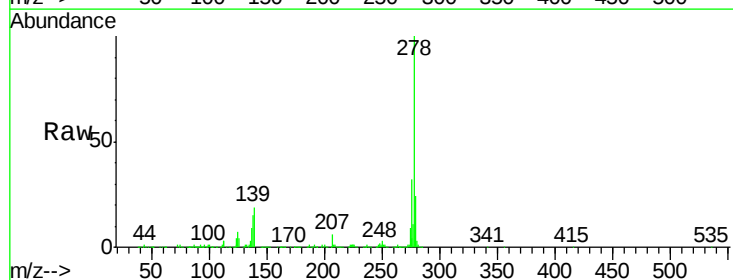
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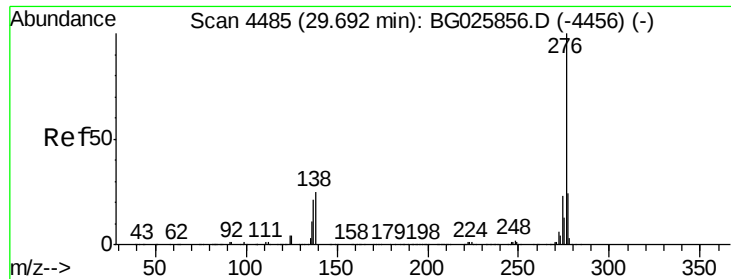
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#90
Dibenzo(a,h)anthracene
Concen: 41.36 ng
RT: 28.61 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG025864.D
Acq: 17 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	7.7	11.5#
279	24.3	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 41.30 ng
 RT: 29.69 min Scan# 4485
 Delta R.T. 0.00 min
 Lab File: BG025864.D
 Acq: 17 Feb 2017 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB97017BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	25.5	8.1	12.1

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