

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025954.D
 Acq On : 25 Feb 2017 5:39
 Operator : SJ/MA
 Sample : PB97153BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:07:10 PM

Quant Time: Feb 26 23:44:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82052	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	404373	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	293065	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	757715	20.00	ng	0.00
75) Chrysene-d12	21.66	240	773752	20.00	ng	-0.01
86) Perylene-d12	24.87	264	756468	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	479910	101.83	ng	0.00
7) Phenol-d6	7.23	99	696348	99.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	557983	87.08	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	337278	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1600021	95.40	ng	0.00
78) Terphenyl-d14	20.01	244	2371289	74.54	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	66787	31.01	ng	# 85
3) Pyridine	3.94	79	197750	30.81	ng	# 79
4) n-Nitrosodimethylamine	3.84	42	85921	37.22	ng	# 43
6) Aniline	7.40	93	225113	23.22	ng	# 90
8) 2-Chlorophenol	7.64	128	264976	47.31	ng	# 86
9) Benzaldehyde	7.21	77	86218	20.86	ng	# 73
10) Phenol	7.26	94	363136	47.92	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	227421	36.51	ng	# 90
12) 1,3-Dichlorobenzene	7.97	146	248434	38.37	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	251143	38.29	ng	# 94
14) 1,2-Dichlorobenzene	8.44	146	248645	38.61	ng	# 89
15) Benzyl Alcohol	8.31	79	240840	47.16	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311889	34.50	ng	# 90
17) 2-Methylphenol	8.51	107	253764	46.48	ng	# 82
18) Hexachloroethane	9.17	117	83236	38.29	ng	# 87
19) n-Nitroso-di-n-propylamine	8.88	70	201479	39.55	ng	# 80
20) 3+4-Methylphenols	8.84	107	365557	47.00	ng	# 86
22) Acetophenone	8.90	105	391935	40.39	ng	# 79
24) Nitrobenzene	9.28	77	282153	40.72	ng	# 80
25) Isophorone	9.80	82	590008	41.84	ng	# 92
26) 2-Nitrophenol	9.99	139	153792	47.46	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	296687	49.06	ng	# 89
28) bis(2-Chloroethoxy)methane	10.28	93	362163	40.53	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	302808	52.46	ng	# 96
30) 1,2,4-Trichlorobenzene	10.75	180	256278	40.83	ng	# 98
31) Naphthalene	10.93	128	838586	40.11	ng	# 99
32) Benzoic acid	10.16	122	249645	54.07	ng	# 75
33) 4-Chloroaniline	11.03	127	125142	13.78	ng	# 84
34) Hexachlorobutadiene	11.22	225	138995	38.91	ng	# 97
35) Caprolactam	11.79	113	138866m	59.58	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	363323	52.61	ng	# 93
37) 2-Methylnaphthalene	12.53	142	701269	44.04	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	313893	42.73	ng	# 93
40) Hexachlorocyclopentadiene	12.87	237	351497	87.45	ng	# 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	264292	55.71	ng	96
43) 2,4,5-Trichlorophenol	13.20	196	288962	53.66	ng #	94
45) 1,1'-Biphenyl	13.53	154	957727	45.10	ng	98
46) 2-Chloronaphthalene	13.57	162	694879	45.26	ng	99
47) 2-Nitroaniline	13.76	65	255913	52.55	ng #	69
48) Acenaphthylene	14.41	152	1247913	45.65	ng	99
49) Dimethylphthalate	14.13	163	1012329	50.35	ng	98
50) 2,6-Dinitrotoluene	14.25	165	239723	53.08	ng #	68
51) Acenaphthene	14.75	154	834268	46.21	ng	99
52) 3-Nitroaniline	14.57	138	119849	23.72	ng #	73
53) 2,4-Dinitrophenol	14.78	184	293071	124.01	ng #	85
54) Dibenzofuran	15.08	168	1229773	51.09	ng #	89
55) 4-Nitrophenol	14.88	139	468291	113.90	ng #	48
56) 2,4-Dinitrotoluene	15.04	165	346341	57.00	ng #	77
57) Fluorene	15.72	166	1036749	48.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	290334	61.11	ng	99
59) Diethylphthalate	15.49	149	1072488	51.57	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	485351	48.70	ng	94
61) 4-Nitroaniline	15.73	138	274112	52.34	ng #	56
62) Azobenzene	16.01	77	957294	53.55	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	205543	46.35	ng	91
65) n-Nitrosodiphenylamine	15.92	169	957837	41.68	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	331364	41.72	ng	96
67) Hexachlorobenzene	16.73	284	342708	41.87	ng	94
68) Atrazine	16.86	200	355993	43.77	ng	97
69) Pentachlorophenol	17.07	266	455910	90.30	ng	98
70) Phenanthrene	17.46	178	1678640	40.81	ng	98
71) Anthracene	17.54	178	1736886	41.42	ng	99
72) Carbazole	17.81	167	1634461	38.80	ng	97
73) Di-n-butylphthalate	18.37	149	1896910	45.87	ng #	94
74) Fluoranthene	19.45	202	1885648	41.64	ng	96
76) Benzidine	19.62	184	478056	19.57	ng	98
77) Pyrene	19.81	202	1913147	39.10	ng	99
79) Butylbenzylphthalate	20.69	149	851666	45.86	ng	86
80) Benzo(a)anthracene	21.65	228	1831050	40.53	ng	98
81) 3,3'-Dichlorobenzidine	21.55	252	392671	24.38	ng #	98
82) Chrysene	21.71	228	1678292	38.63	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1203461	44.88	ng	97
84) Di-n-octyl phthalate	22.75	149	2065072	46.63	ng #	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2198774	42.97	ng #	88
87) Benzo(b)fluoranthene	23.85	252	1864496	41.15	ng #	97
88) Benzo(k)fluoranthene	23.92	252	1832012	41.44	ng #	93
89) Benzo(a)pyrene	24.72	252	1820122	42.43	ng #	95
90) Dibenzo(a,h)anthracene	28.58	278	1811767	42.04	ng #	91
91) Benzo(g,h,i)perylene	29.67	276	1815740	42.02	ng #	90

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

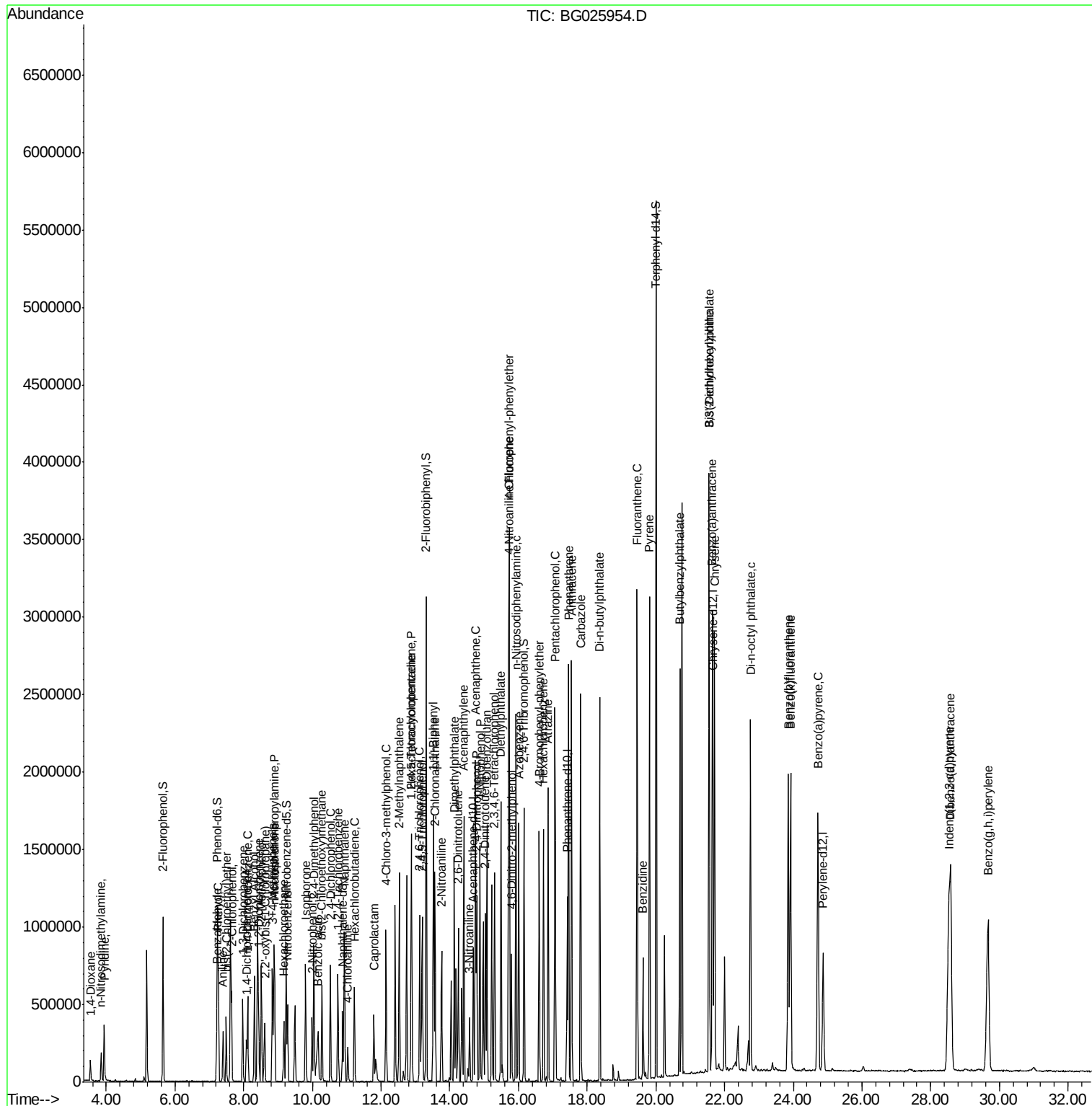
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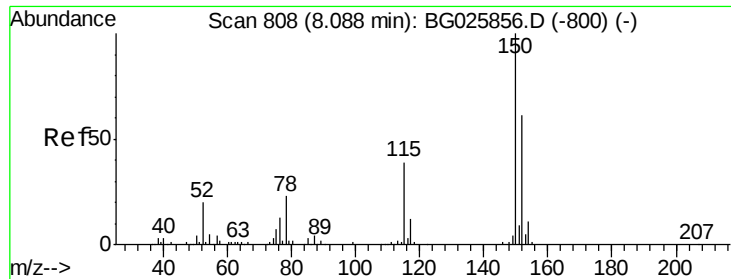
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

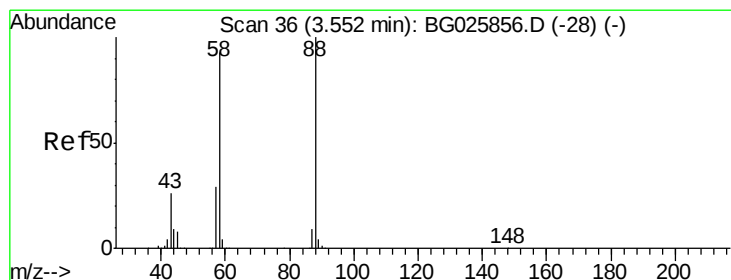
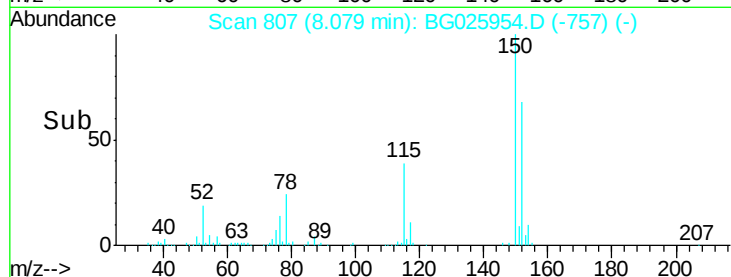
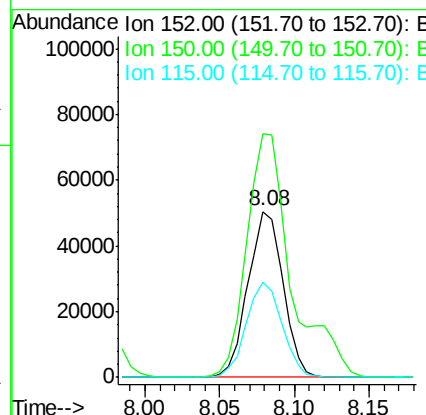
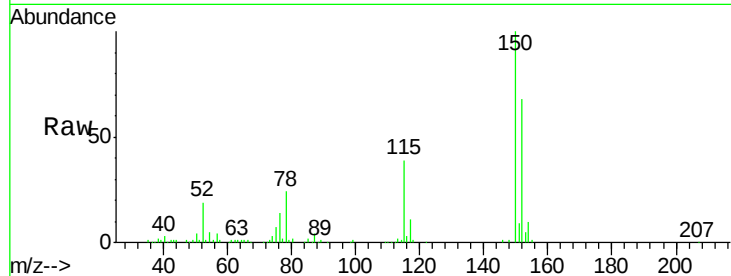
ClientSampleId :

PB97153BSD

Tgt Ion:	152	Resp:	82052
Ion Ratio	Lower	Upper	
152	100		
150	146.8	114.0	171.0
115	57.3	48.1	72.1

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#2

1,4-Dioxane

Concen: 31.01 ng

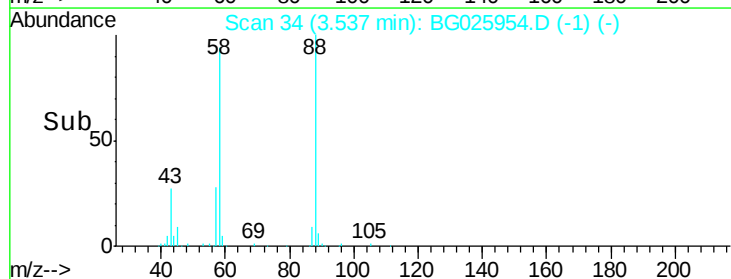
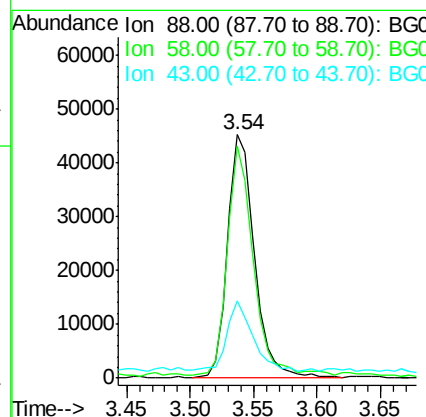
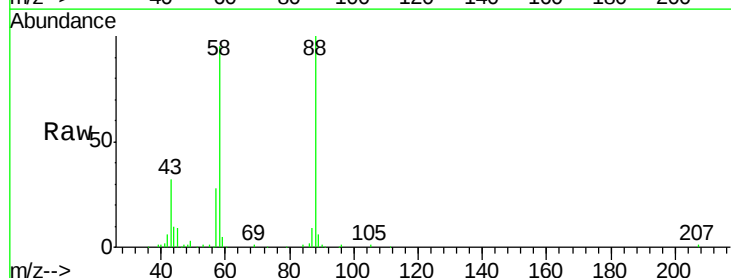
RT: 3.54 min Scan# 34

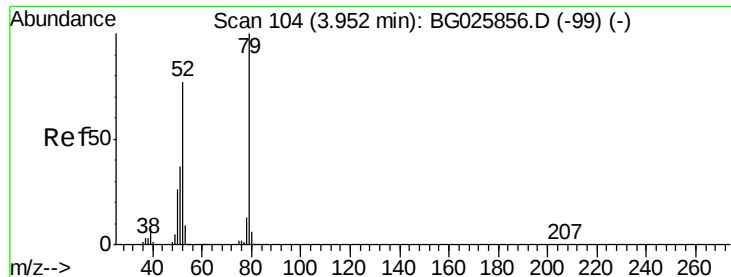
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	88	Resp:	66787
Ion Ratio	Lower	Upper	
88	100		
58	88.6	79.4	119.2
43	26.7	33.8	50.6#





#3

Pyridine

Concen: 30.81 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

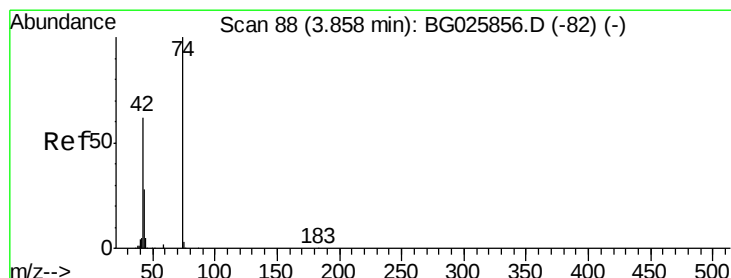
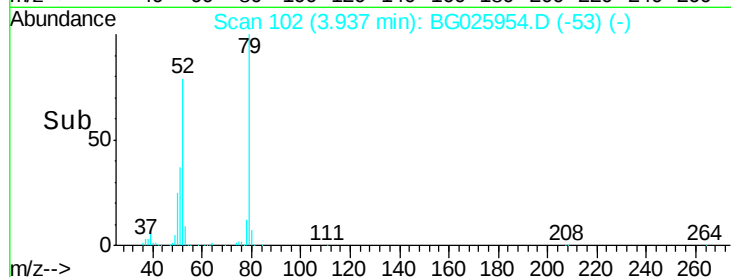
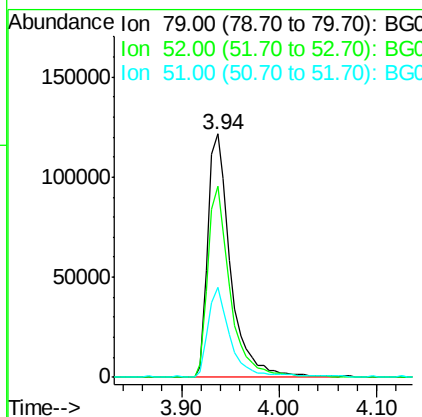
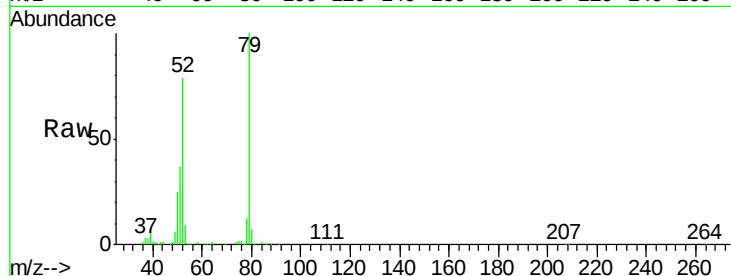
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.5	77.8	116.6
51	37.1	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 37.22 ng

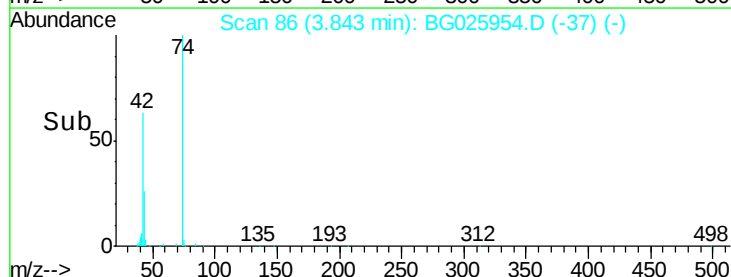
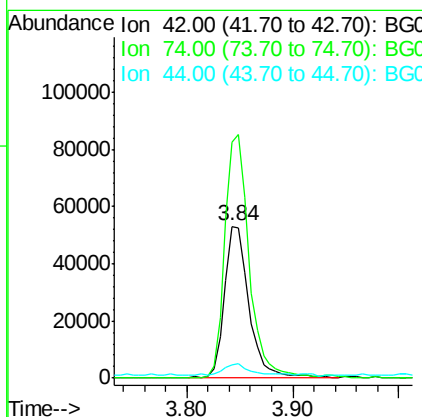
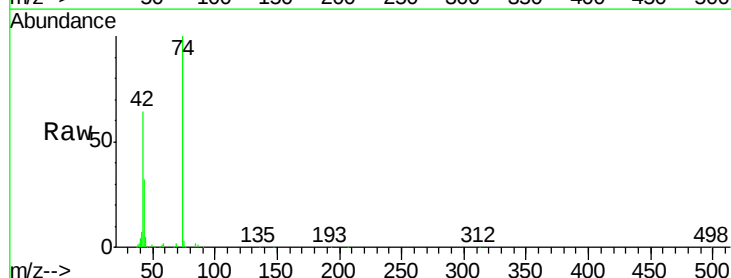
RT: 3.84 min Scan# 86

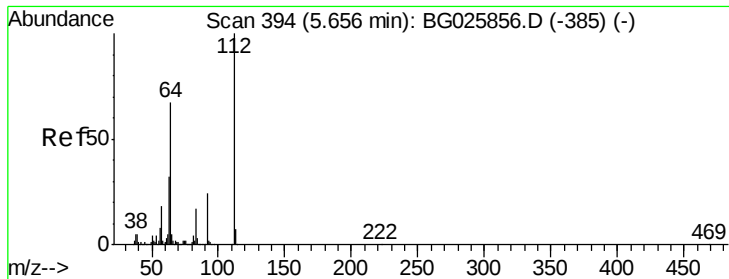
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.7	76.7	115.1#
44	8.5	6.1	9.1





#5

2-Fluorophenol

Concen: 101.83 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

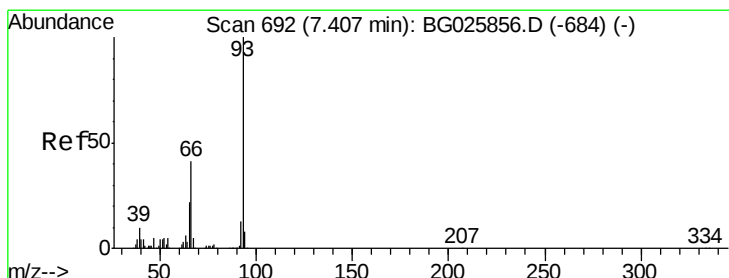
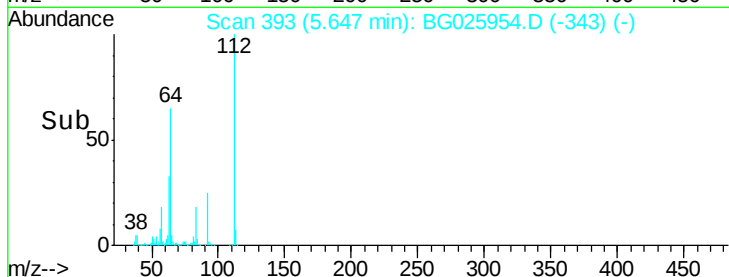
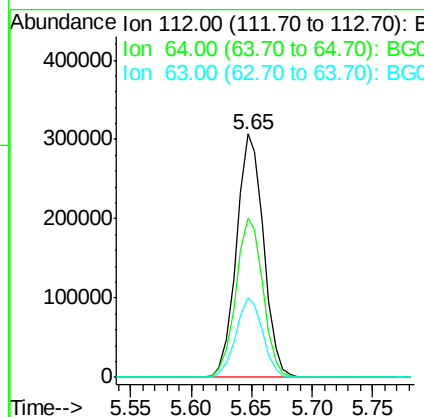
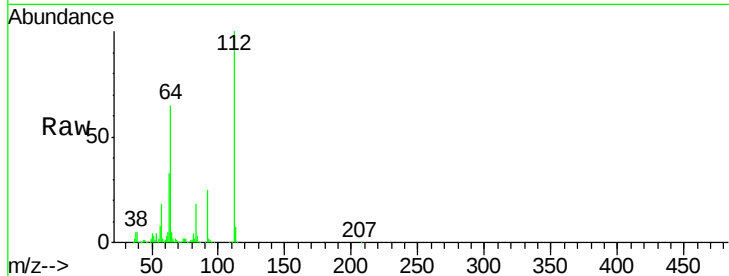
ClientSampleId :

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Tgt Ion:	112	Resp:	479910
Ion Ratio	Lower	Upper	
112	100		
64	65.5	61.8	92.6
63	32.8	37.2	55.8#

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#6

Aniline

Concen: 23.22 ng

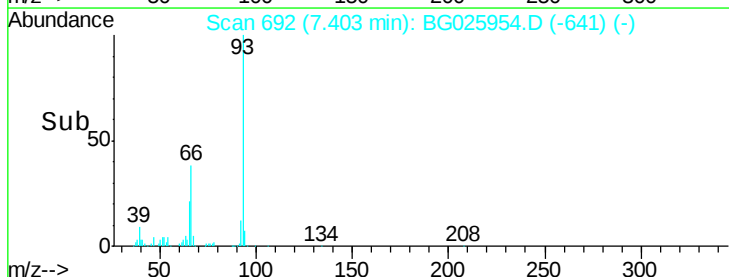
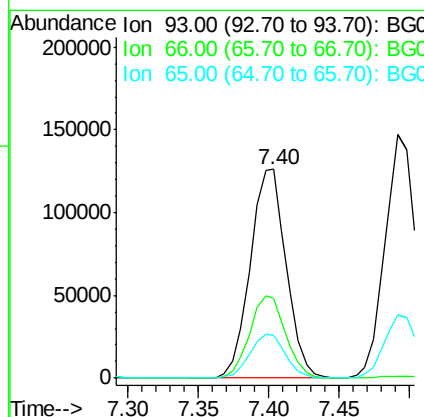
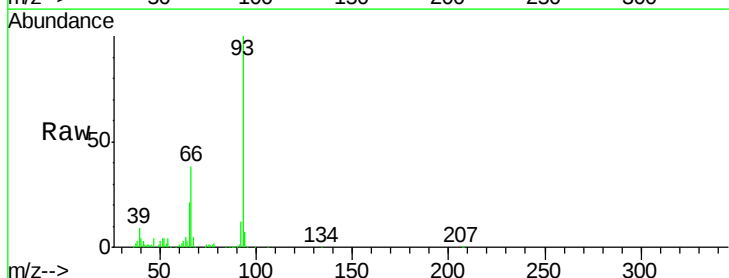
RT: 7.40 min Scan# 692

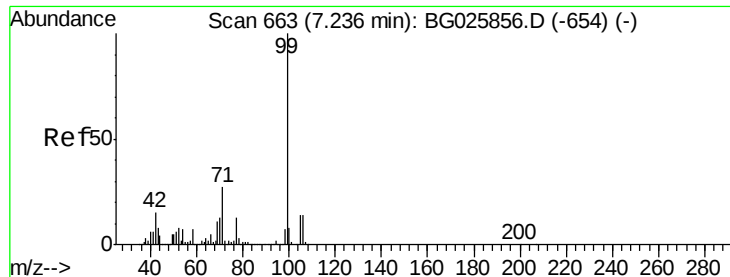
Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	93	Resp:	225113
Ion Ratio	Lower	Upper	
93	100		
66	38.5	35.4	53.2
65	20.6	21.2	31.8#





#7

Phenol-d6

Concen: 99.85 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

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Tgt Ion: 99 Resp: 696348

Ion Ratio Lower Upper

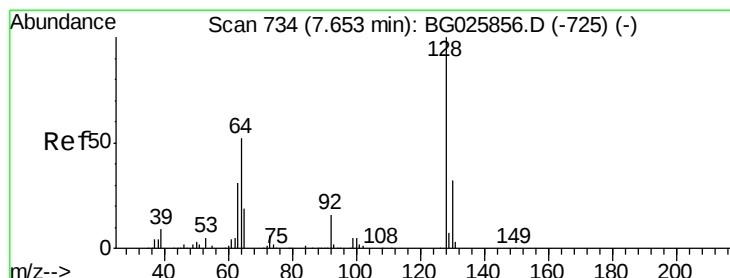
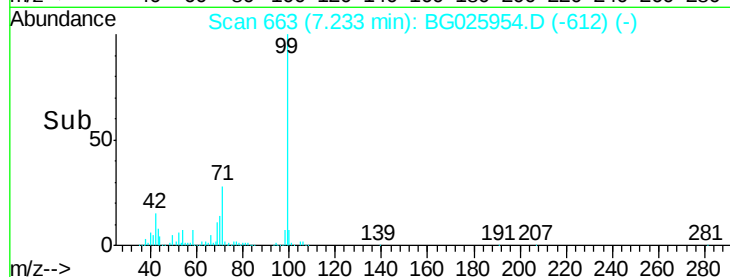
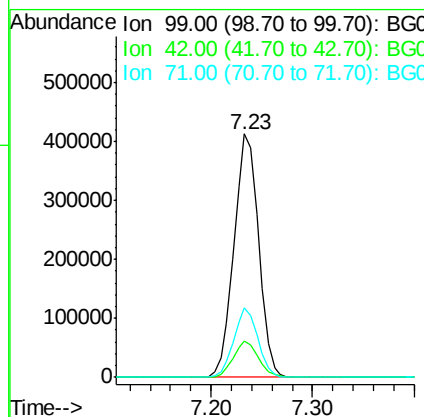
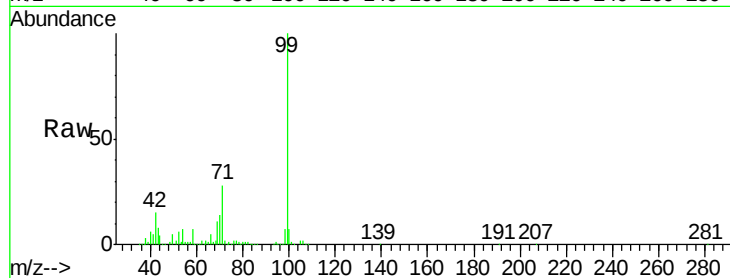
99 100

42 15.1 20.5 30.7#

71 28.3 37.6 56.4#

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#8

2-Chlorophenol

Concen: 47.31 ng

RT: 7.64 min Scan# 733

Delta R.T. -0.01 min

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Acq: 25 Feb 2017 5:39

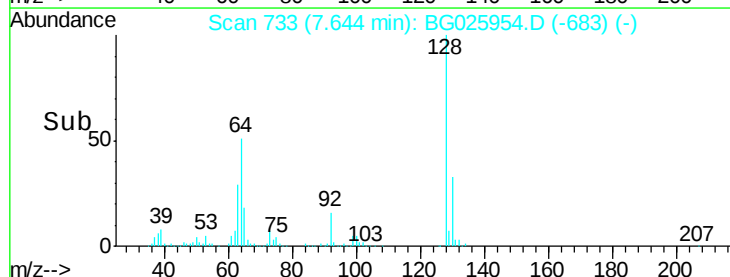
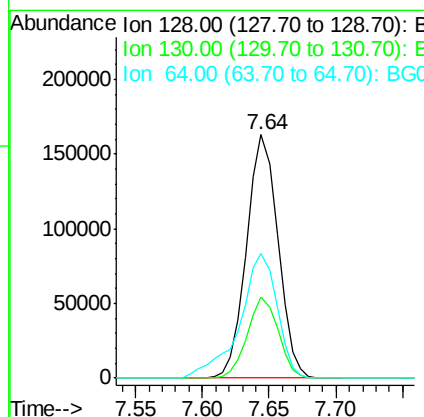
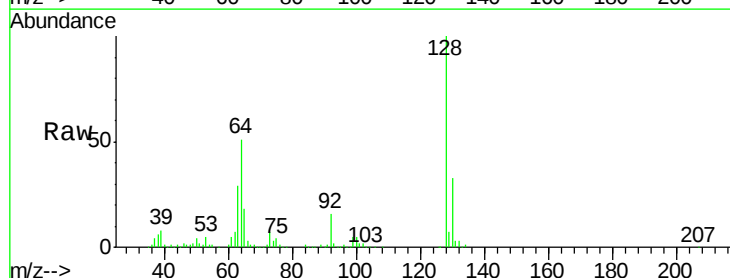
Tgt Ion: 128 Resp: 264976

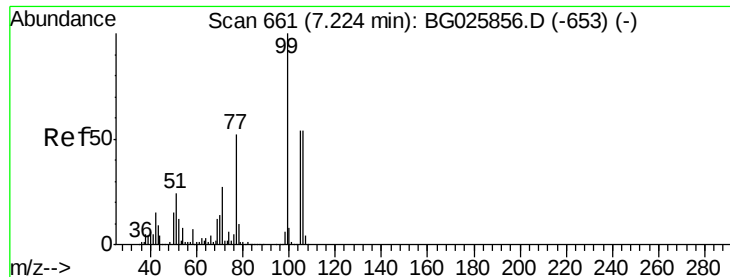
Ion Ratio Lower Upper

128 100

130 33.3 11.4 51.4

64 51.0 46.6 86.6





#9

Benzaldehyde

Concen: 20.86 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

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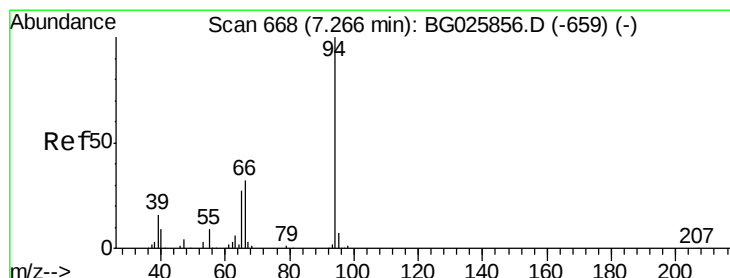
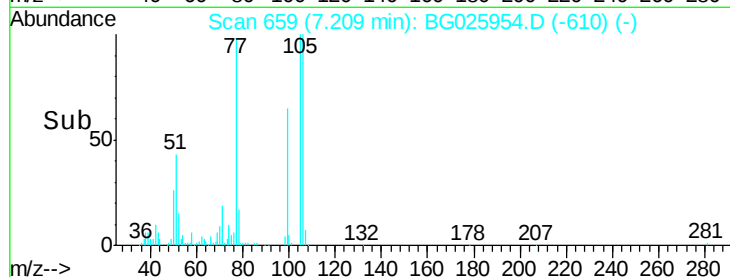
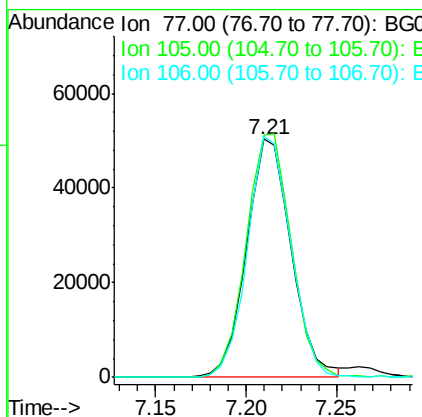
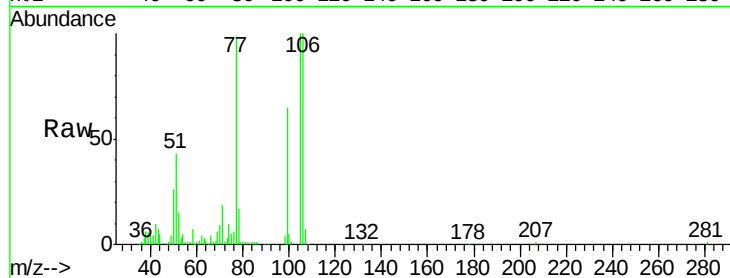
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.7	60.9	100.9#
106	101.3	55.1	95.1#

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#10

Phenol

Concen: 47.92 ng

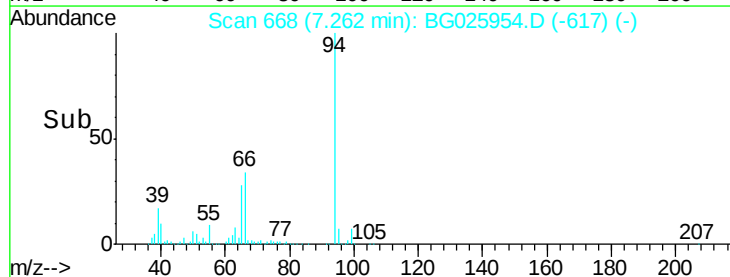
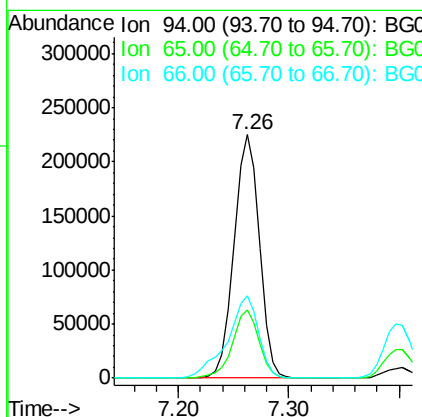
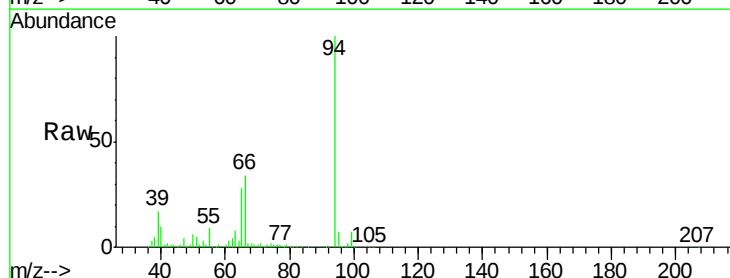
RT: 7.26 min Scan# 668

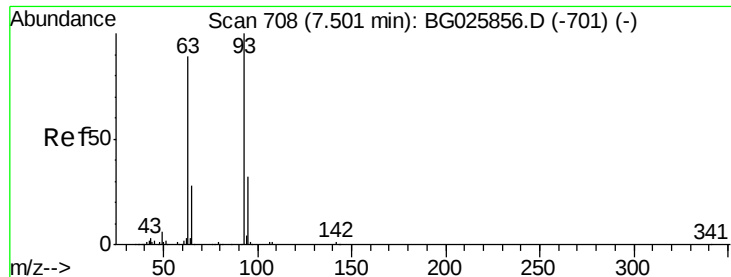
Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	20.6	60.6
66	33.7	35.5	75.5#





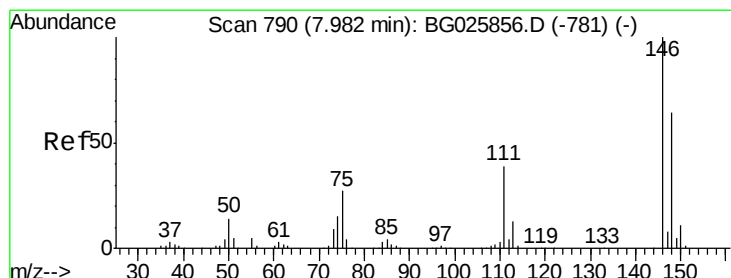
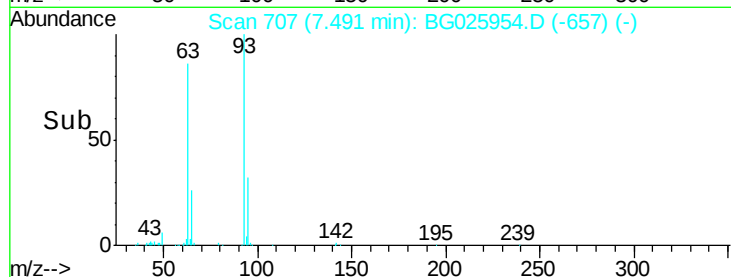
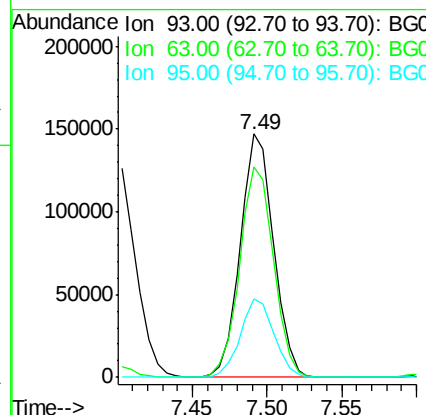
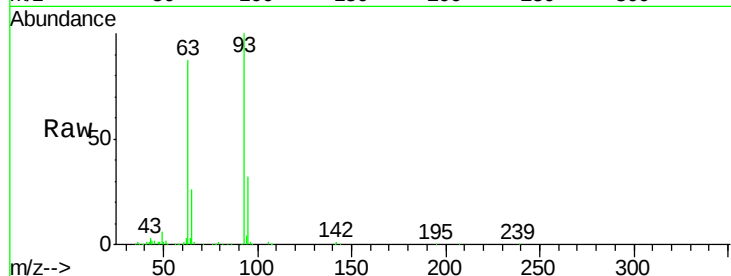
#11
bis(2-Chloroethyl)ether
Concen: 36.51 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227421		
63	86.6	78.5	118.5	
95	32.4	9.8	49.8	

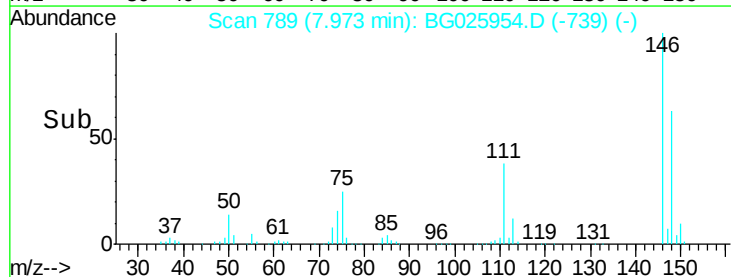
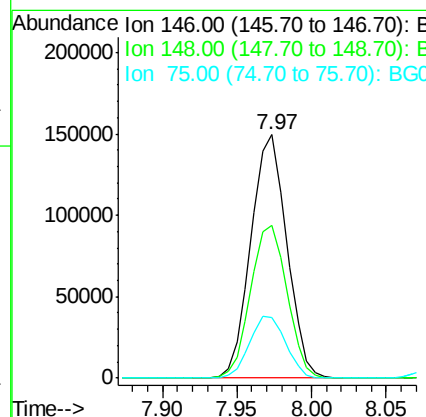
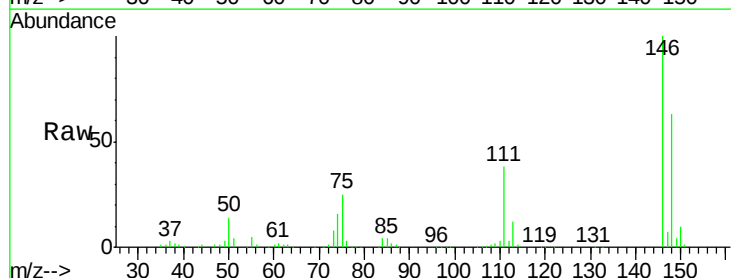
Manual Integrations
APPROVED

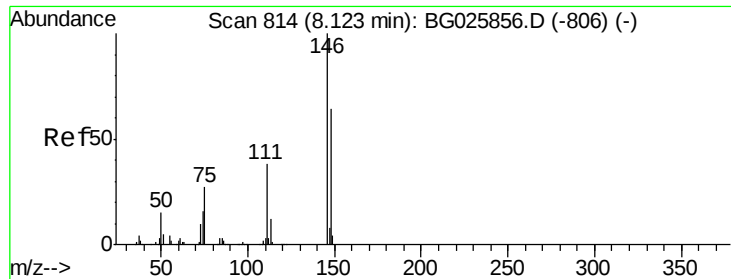
mohammad
2/27/2017 1:07:10 PM



#12
1,3-Dichlorobenzene
Concen: 38.37 ng
RT: 7.97 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	248434		
148	63.0	49.2	73.8	
75	24.6	33.4	50.2	





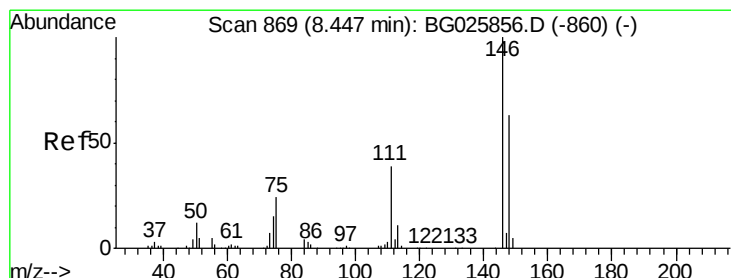
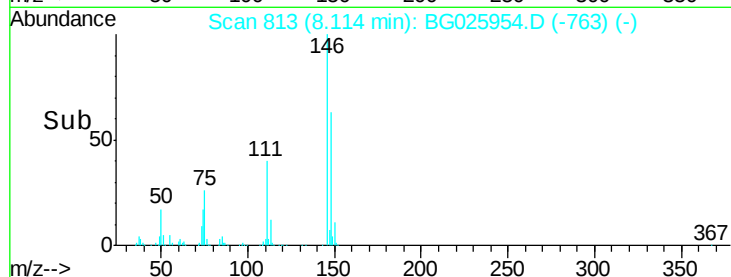
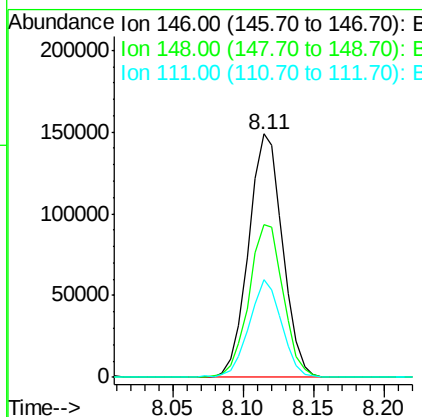
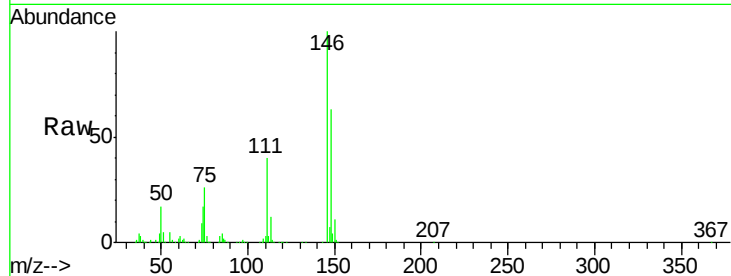
#13
1,4-Dichlorobenzene
Concen: 38.29 ng
RT: 8.11 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	40.1	37.0	55.6

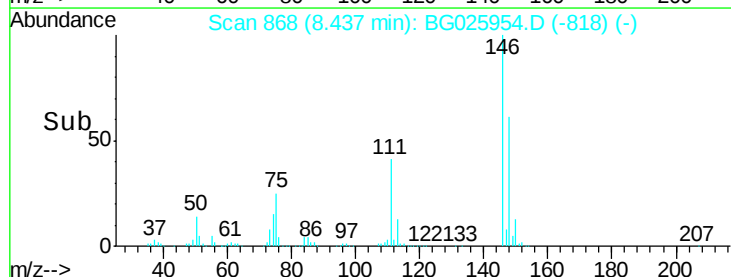
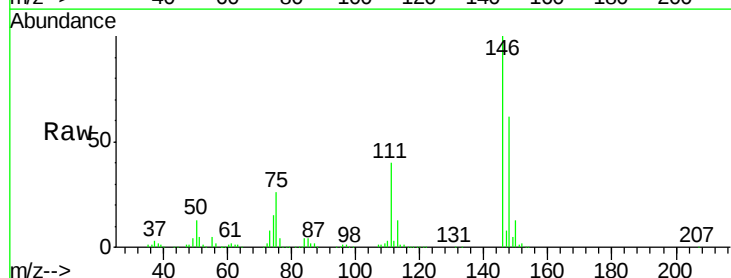
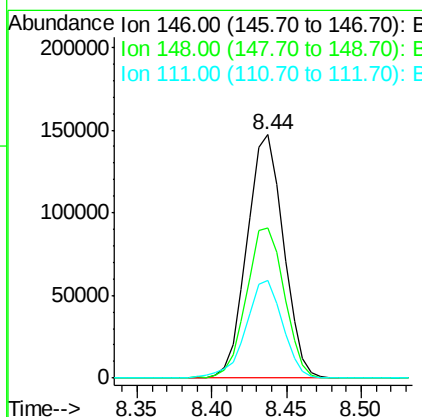
Manual Integrations
APPROVED

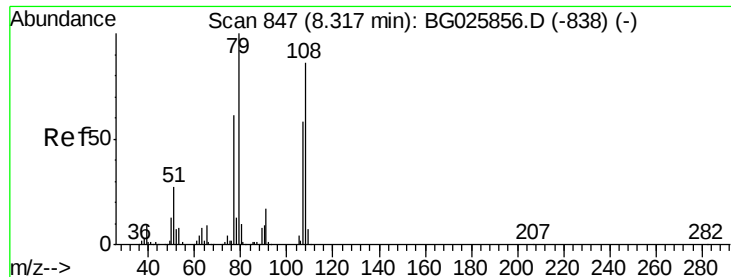
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.61 ng
RT: 8.44 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	54.6	81.8
111	40.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.16 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion: 79 Resp: 240840

Ion Ratio Lower Upper

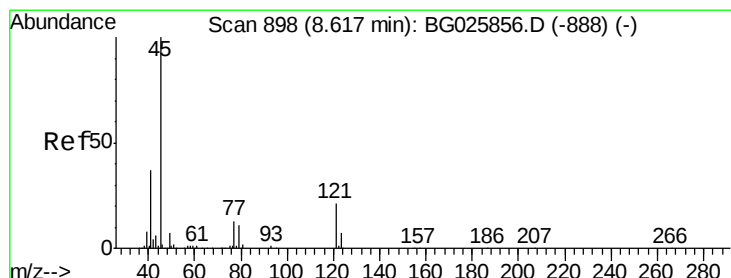
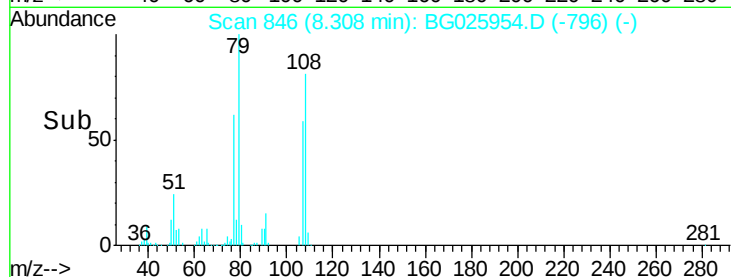
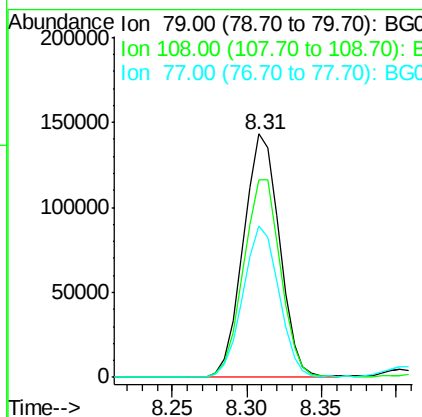
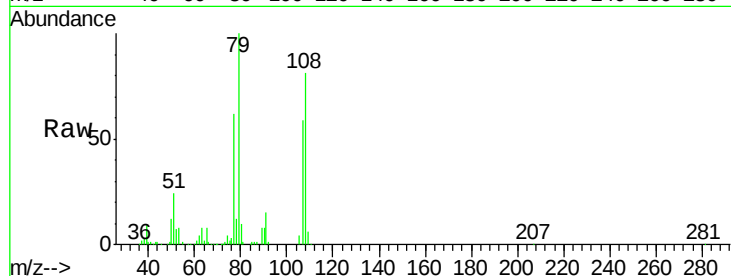
79 100

108 81.3 45.5 68.3#

77 62.0 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.50 ng

RT: 8.61 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

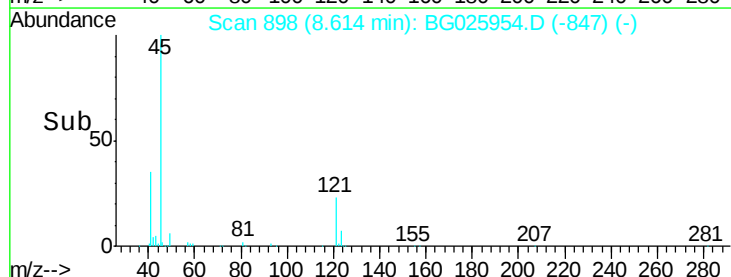
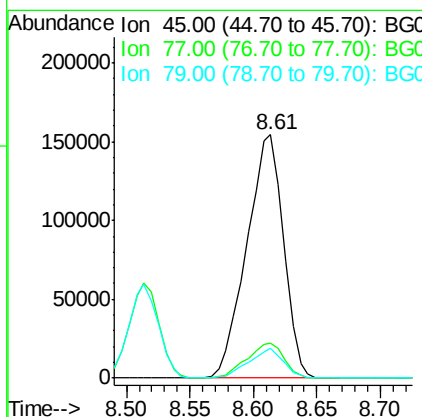
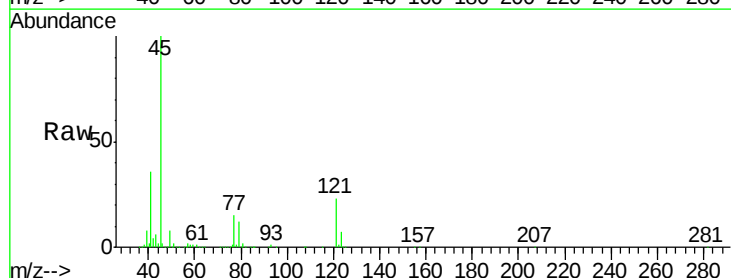
Tgt Ion: 45 Resp: 311889

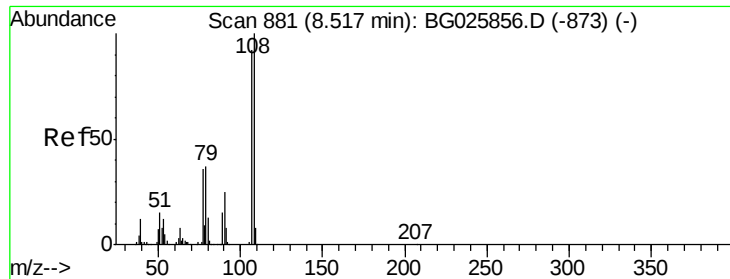
Ion Ratio Lower Upper

45 100

77 14.6 0.0 30.6

79 12.2 0.0 28.5





#17

2-Methylphenol

Concen: 46.48 ng

RT: 8.51 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

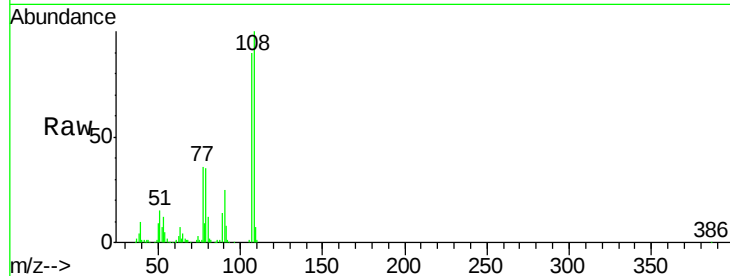
ClientSampleId :

PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	253764		
108	111.7	85.6	128.4	
77	40.0	51.4	77.2#	
79	39.4	49.2	73.8#	

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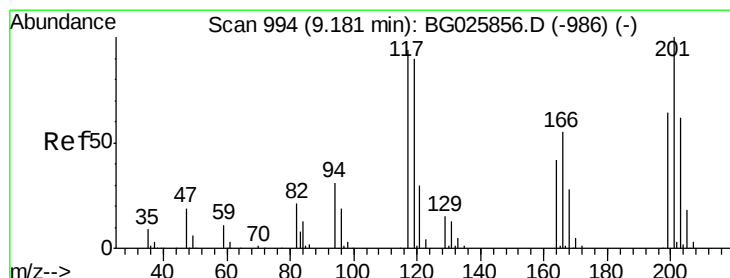
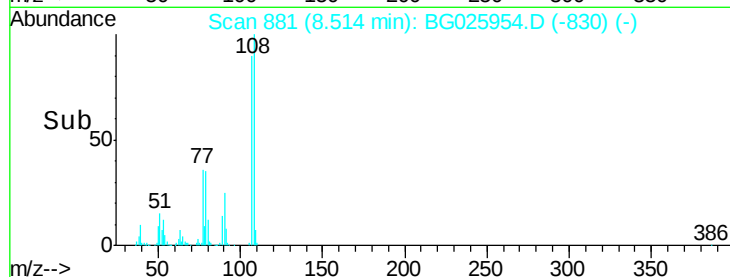
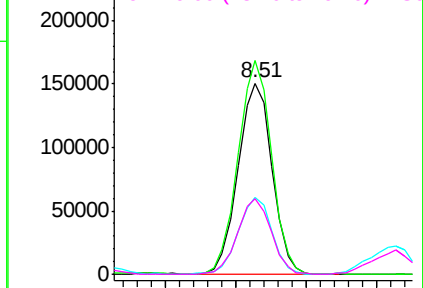
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.29 ng

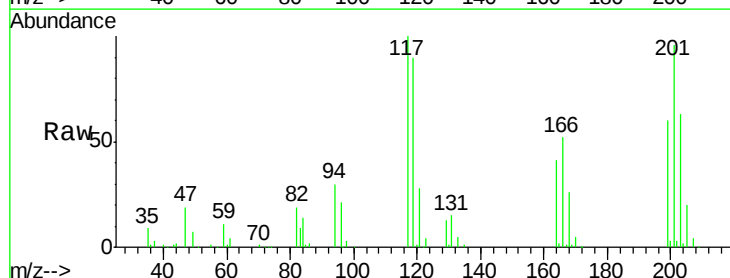
RT: 9.17 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83236		
119	90.1	69.8	104.6	
201	96.1	95.4	143.0	

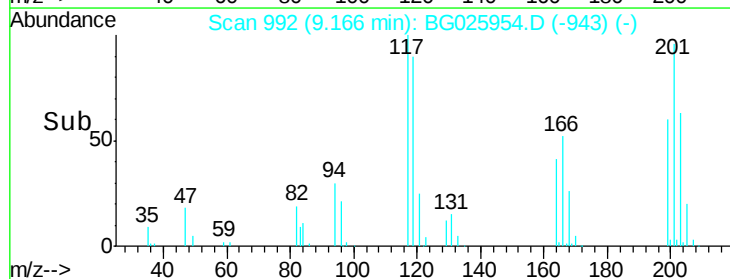
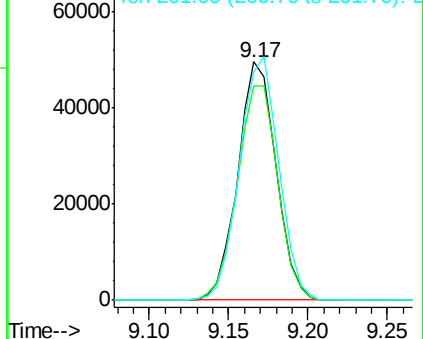


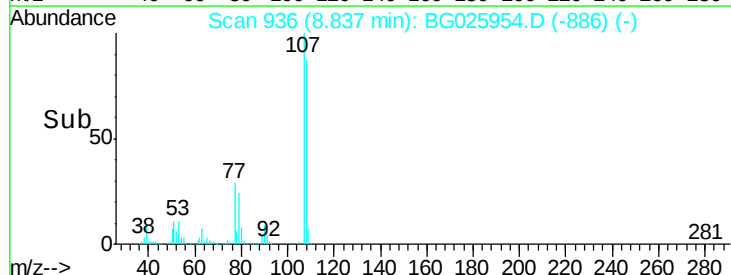
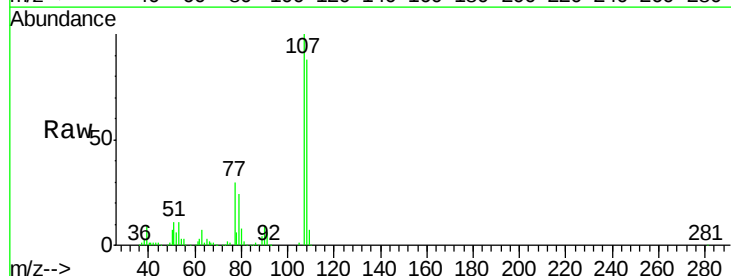
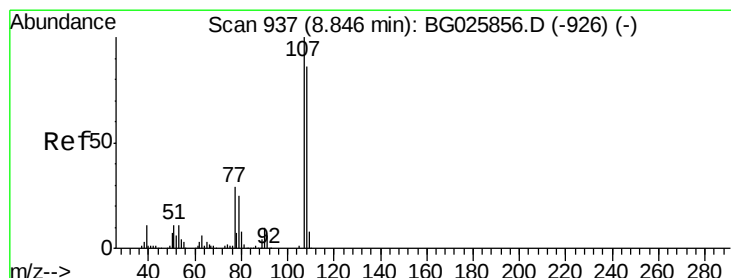
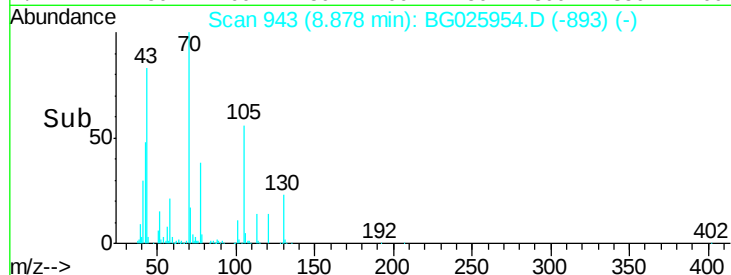
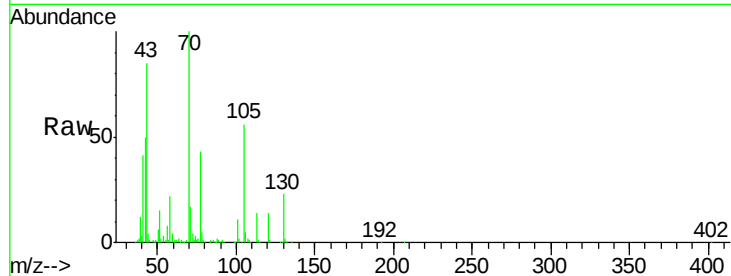
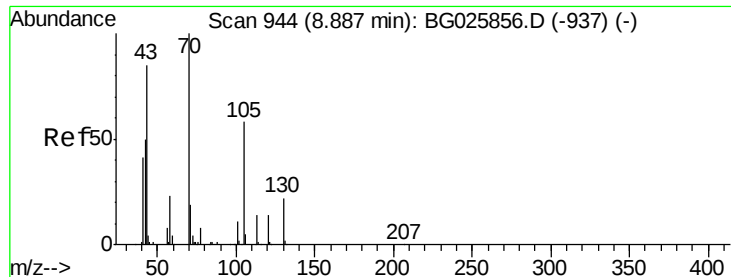
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





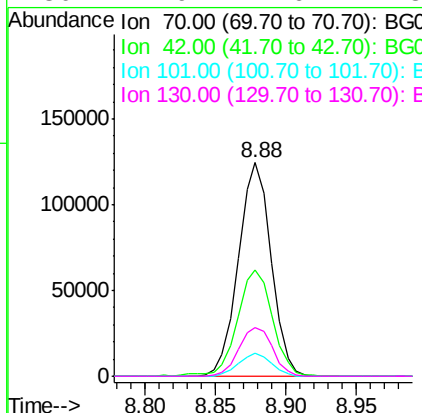
#19
n-Nitroso-di-n-propylamine
Concen: 39.55 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.9	56.1	84.1#
101	11.1	7.5	11.3
130	22.9	14.6	21.8#

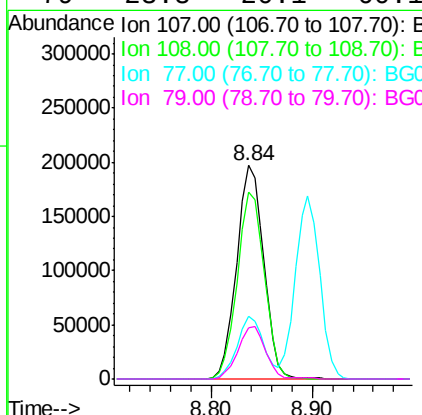
Manual Integrations
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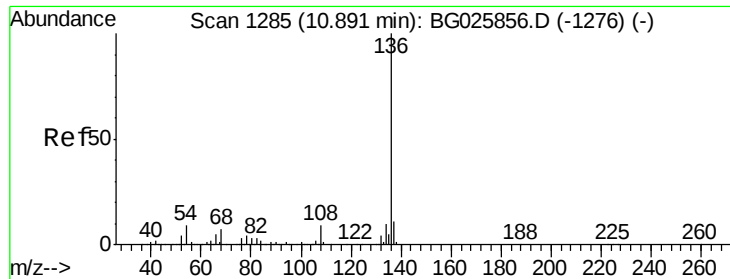
mohammad
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#20
3+4-Methylphenols
Concen: 47.00 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.8	110.8
77	29.5	25.8	65.8
79	23.8	20.1	60.1





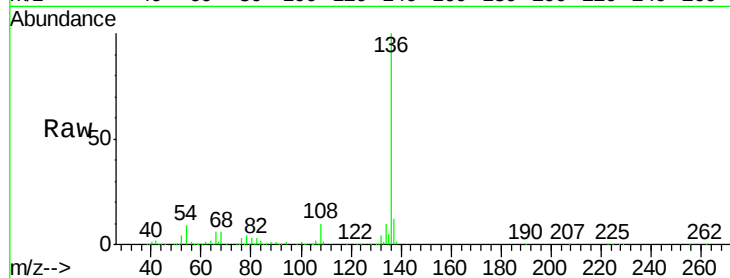
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

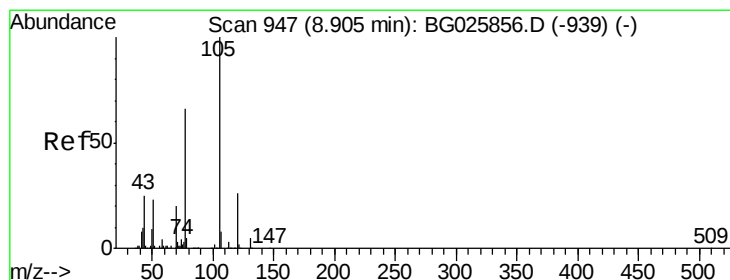
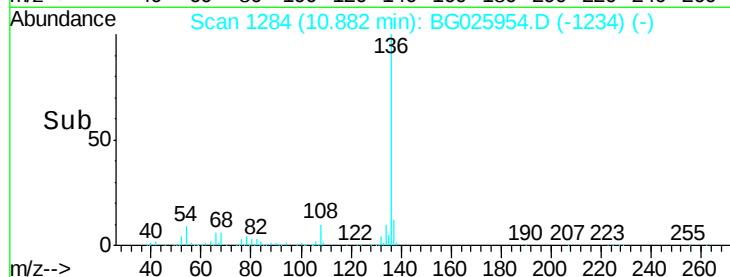
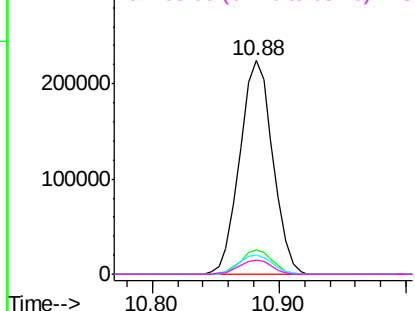
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	404373		
137	11.7	8.9	13.3	
54	9.0	9.3	13.9	
68	6.4	5.1	7.7	

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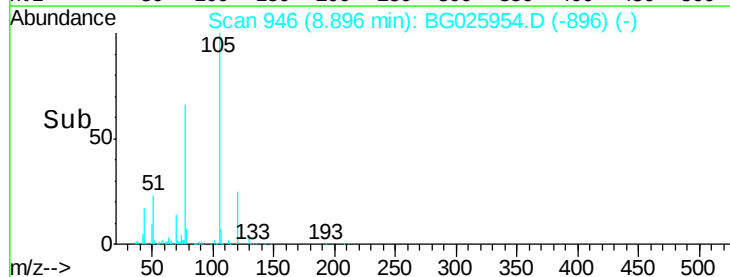
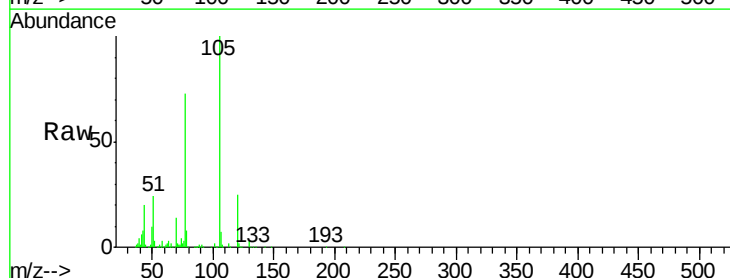
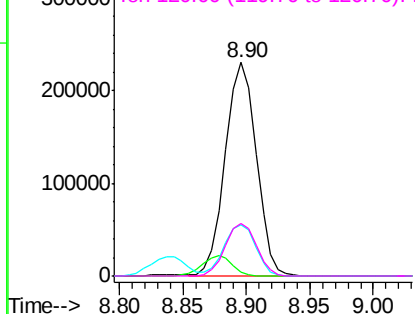
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

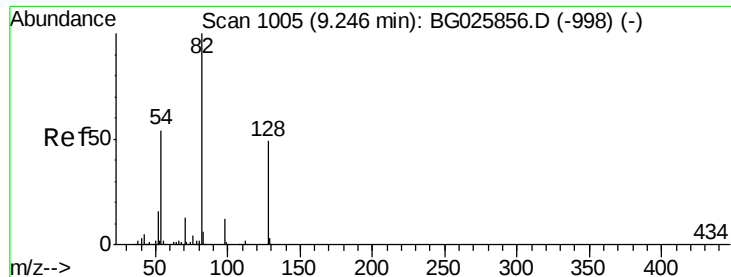


#22
Acetophenone
Concen: 40.39 ng
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	391935		
71	2.0	0.9	1.3	
51	24.1	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





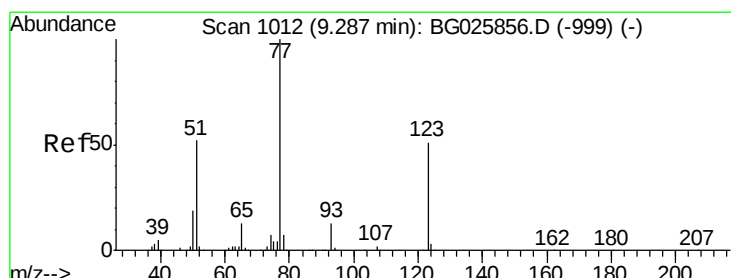
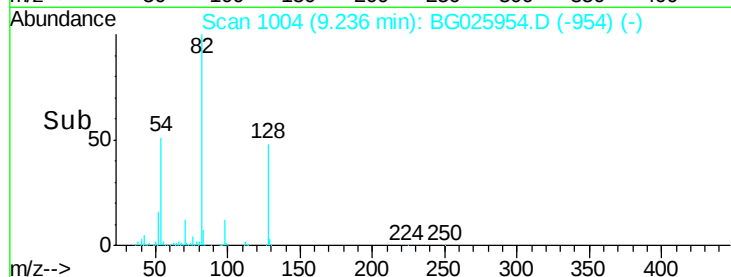
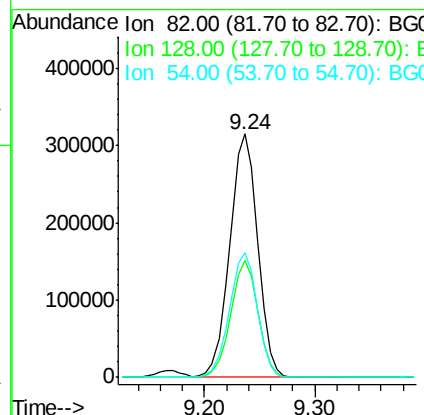
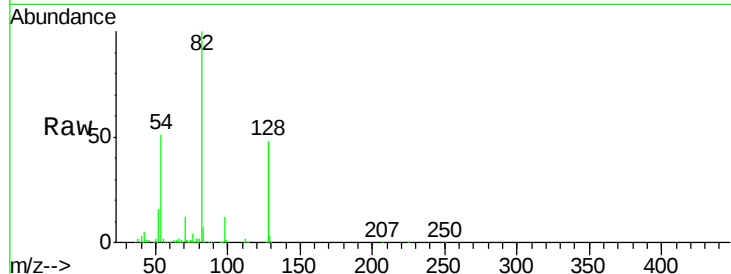
#23
 Nitrobenzene-d5
 Concen: 87.08 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	26.4	39.6#
54	51.3	49.4	74.2

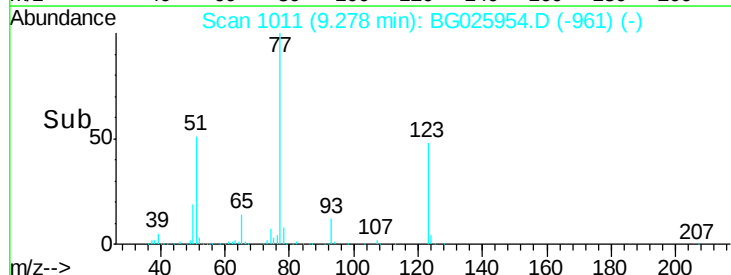
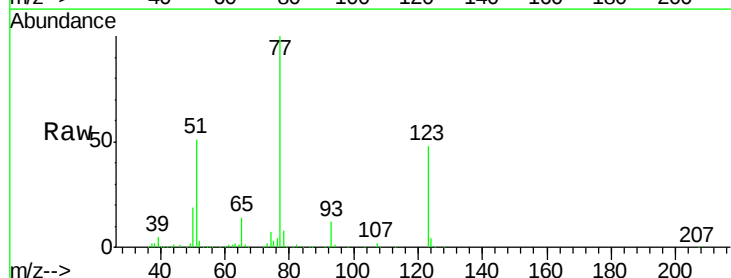
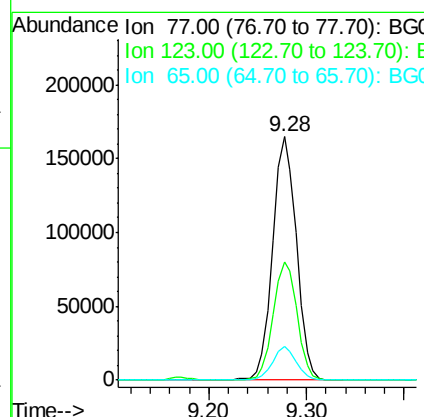
Manual Integrations
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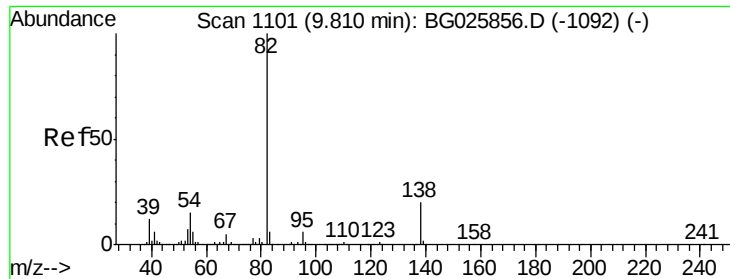
mohammad
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#24
 Nitrobenzene
 Concen: 40.72 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	26.1	39.1#
65	13.8	12.4	18.6





#25

Isophorone

Concen: 41.84 ng

RT: 9.80 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

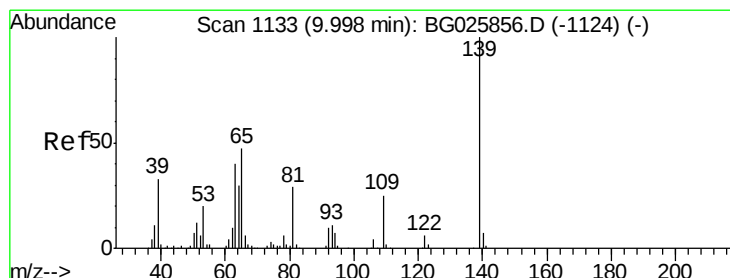
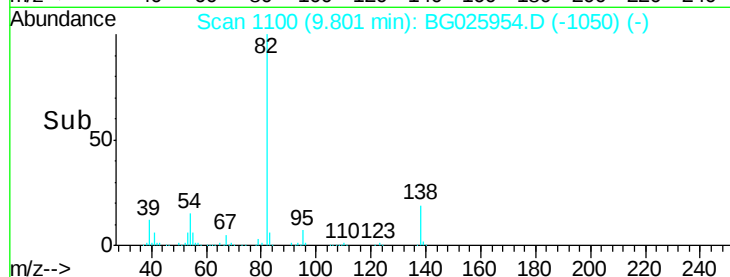
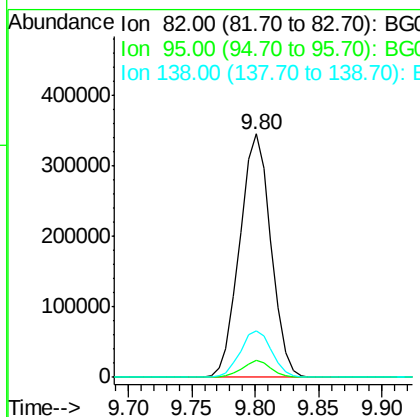
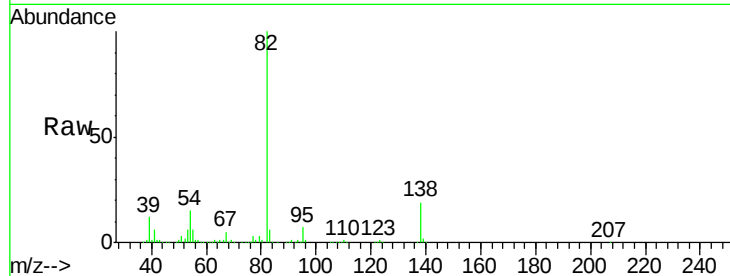
ClientSampleId :

PB97153BSD

Tgt Ion:	82	Resp:	590008
Ion Ratio		Lower	Upper
82	100		
95	7.0	7.5	11.3#
138	19.3	12.3	18.5#

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#26

2-Nitrophenol

Concen: 47.46 ng

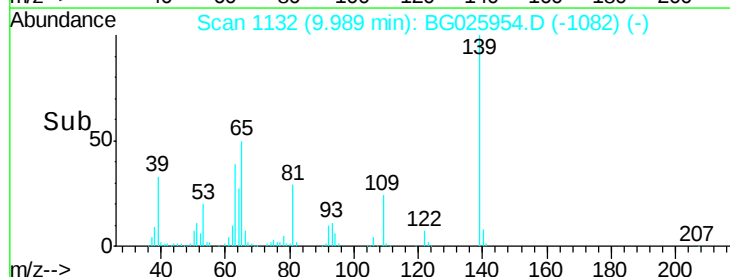
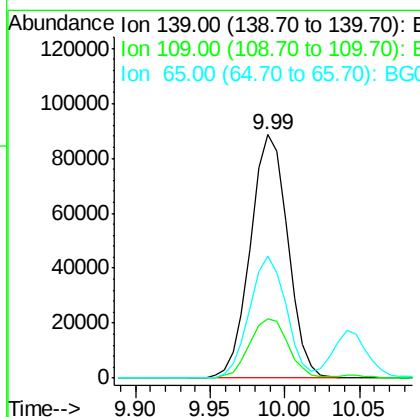
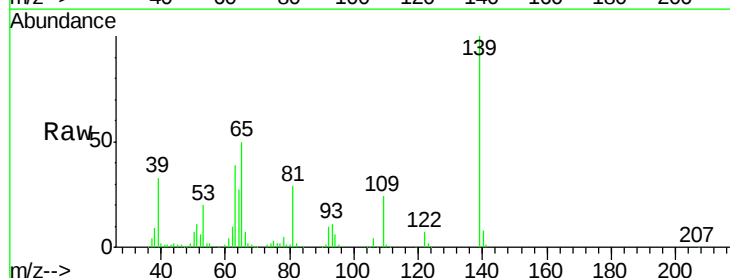
RT: 9.99 min Scan# 1132

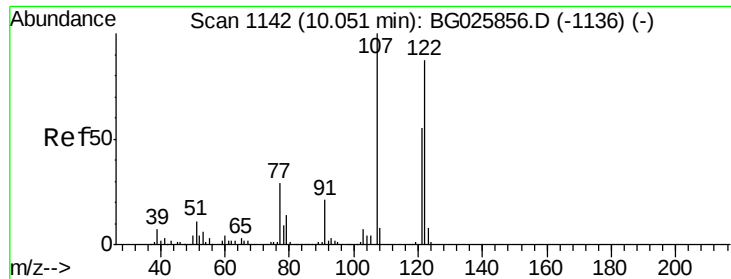
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	139	Resp:	153792
Ion Ratio		Lower	Upper
139	100		
109	24.4	38.6	58.0#
65	50.1	57.1	85.7#





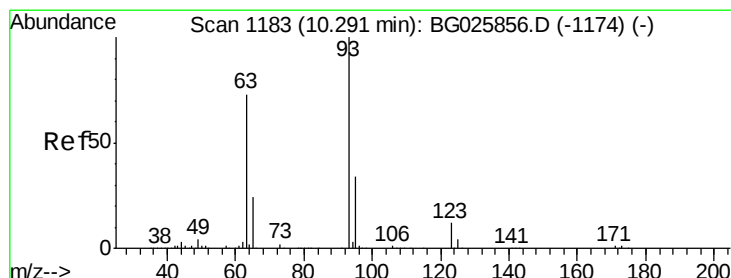
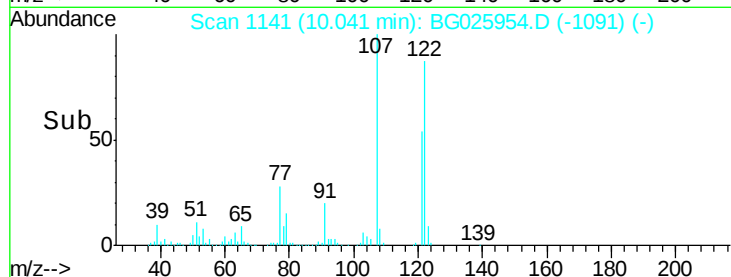
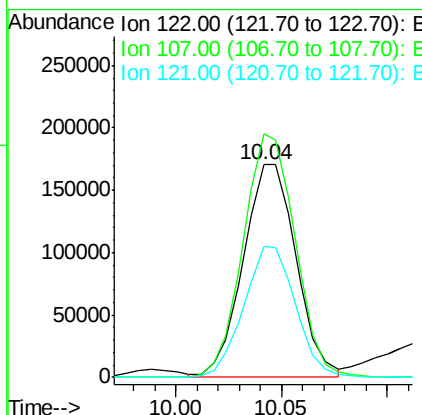
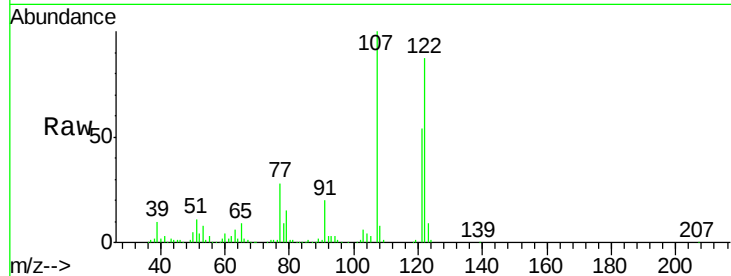
#27
2,4-Dimethylphenol
Concen: 49.06 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.4	104.2	156.4
121	61.4	46.0	69.0

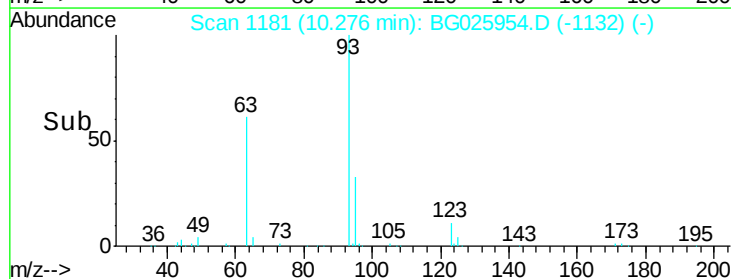
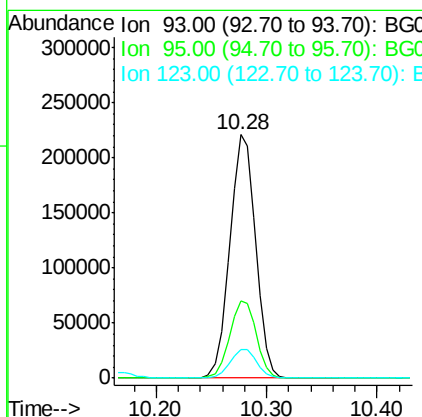
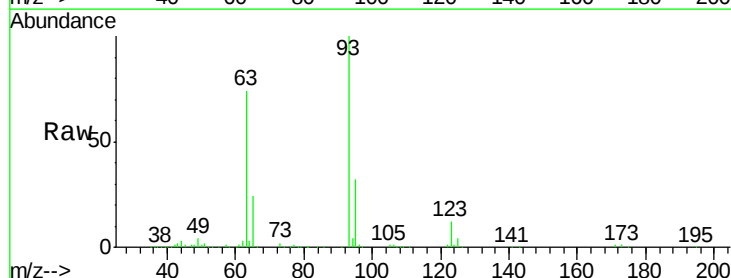
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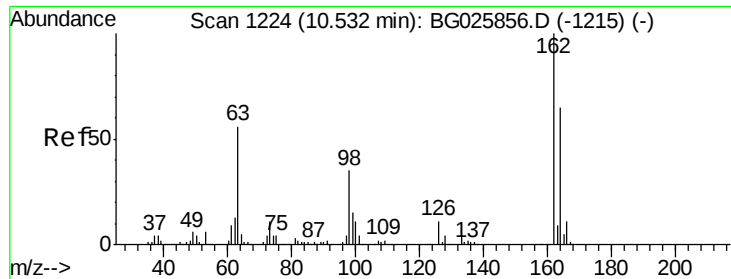
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.53 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.6	8.3	12.5





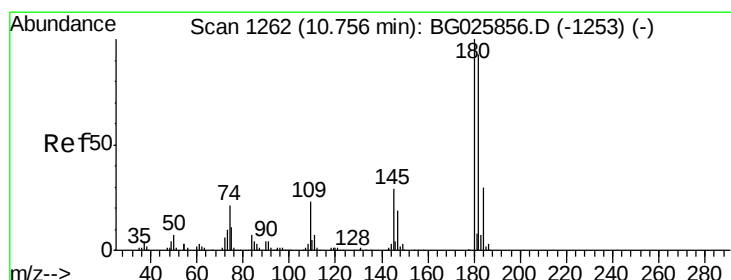
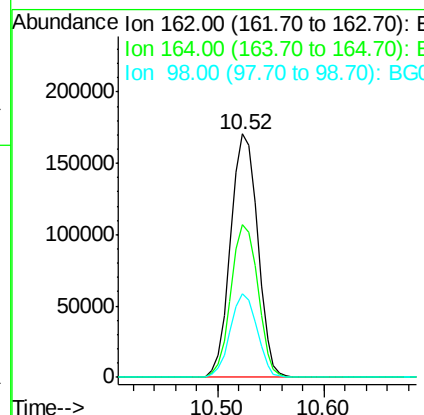
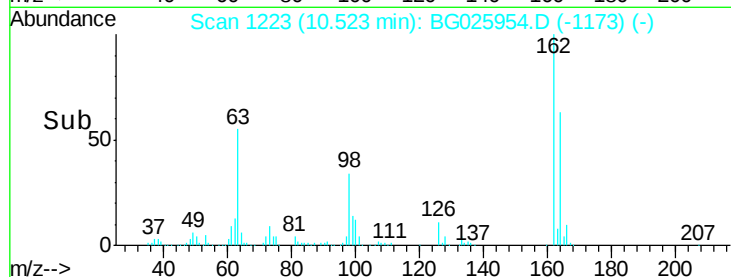
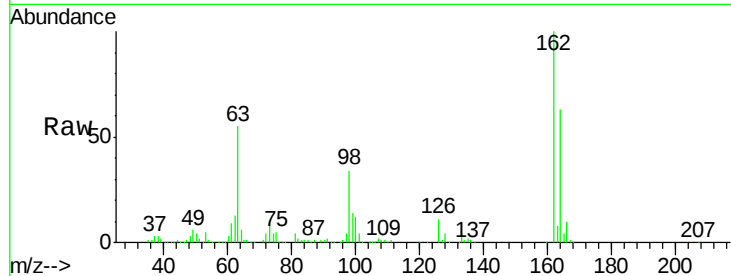
#29
2,4-Dichlorophenol
Concen: 52.46 ng
RT: 10.52 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.9	42.4	82.4
98	34.3	20.3	60.3

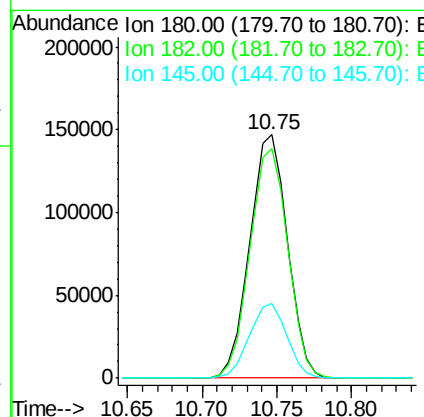
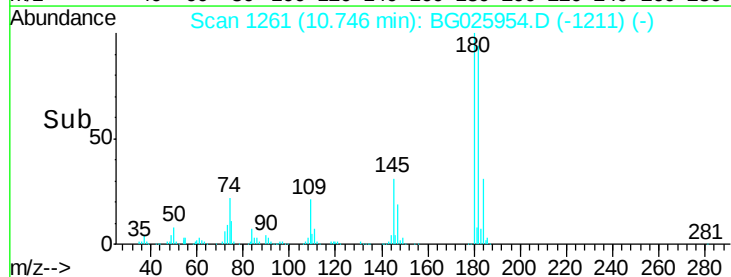
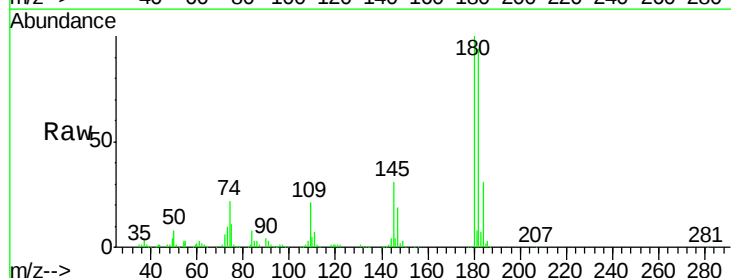
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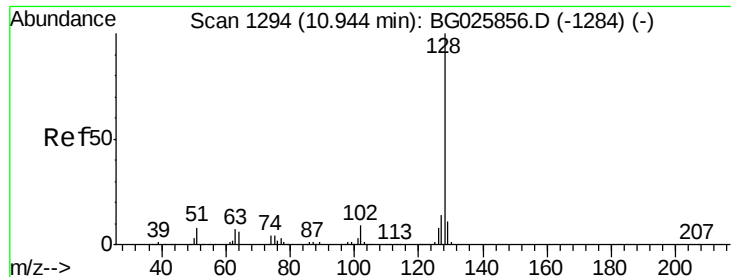
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.83 ng
RT: 10.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	77.0	115.4
145	30.5	23.4	35.0





#31

Naphthalene

Concen: 40.11 ng

RT: 10.93 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

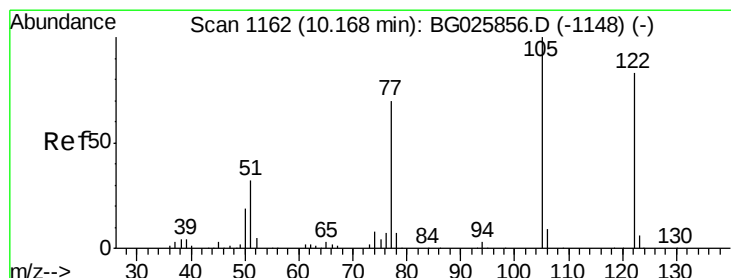
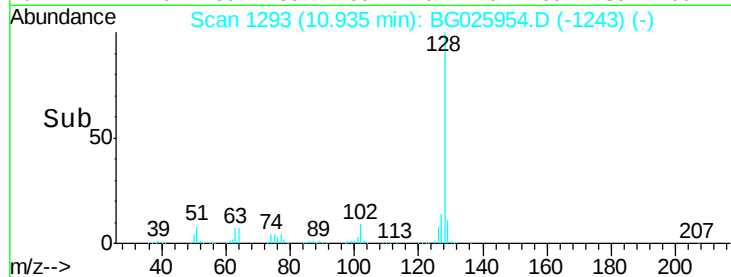
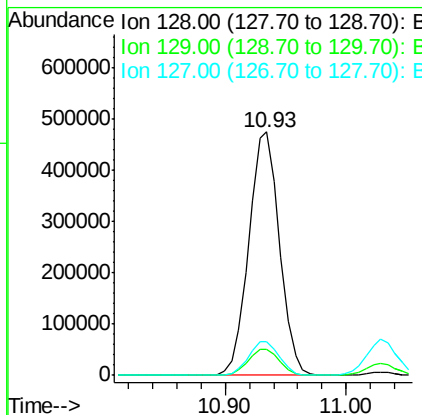
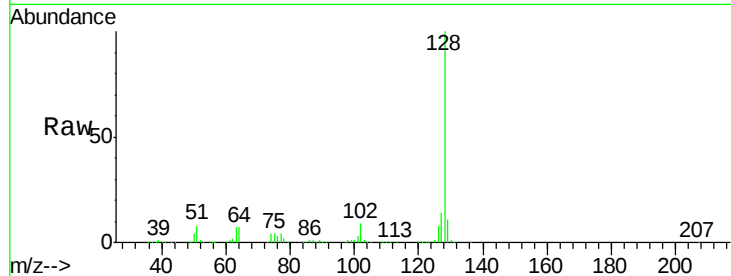
ClientSampleId :

PB97153BSD

Tgt Ion:	128	Resp:	838586
Ion Ratio		Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.8	11.4	17.0

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#32

Benzoic acid

Concen: 54.07 ng

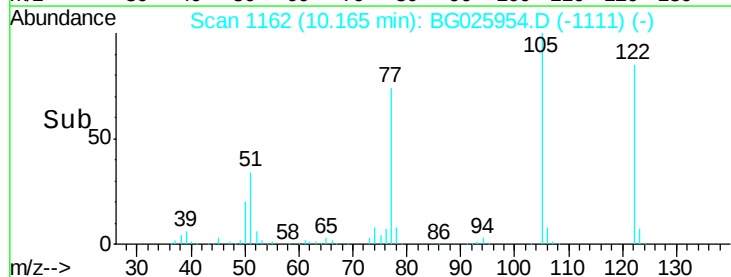
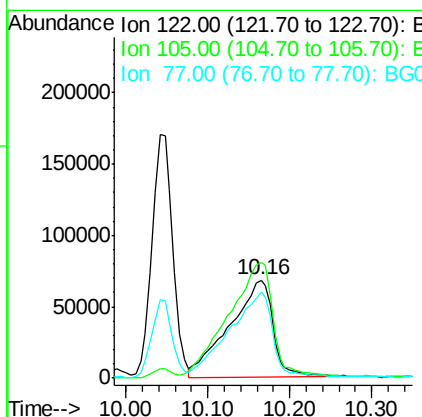
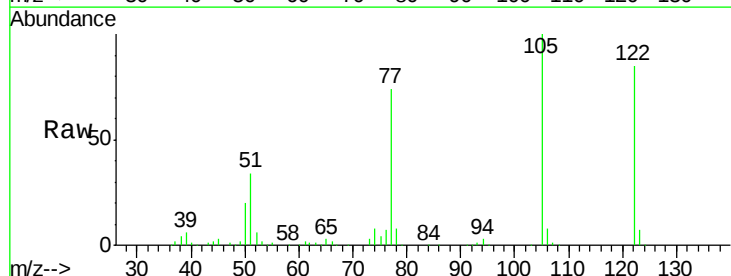
RT: 10.16 min Scan# 1162

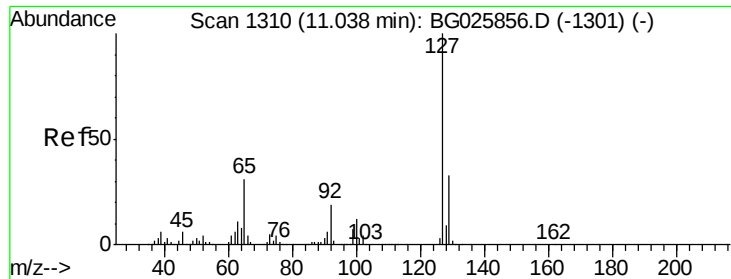
Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	122	Resp:	249645
Ion Ratio		Lower	Upper
122	100		
105	118.2	120.1	160.1#
77	87.3	104.6	144.6#





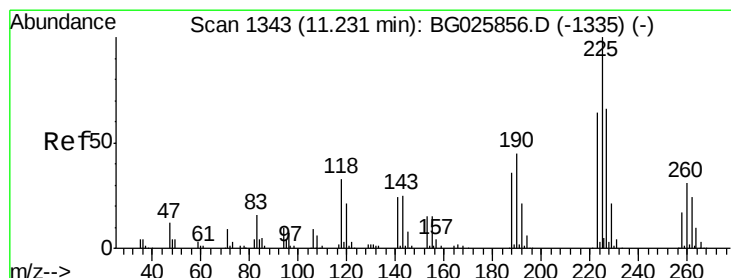
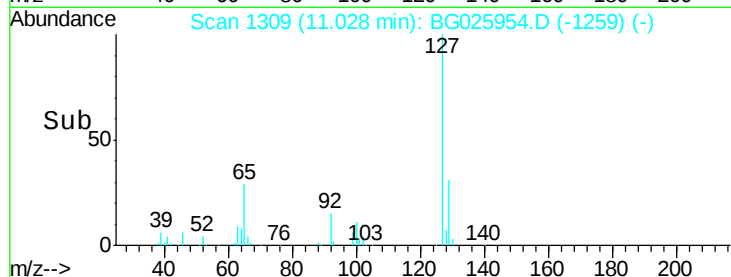
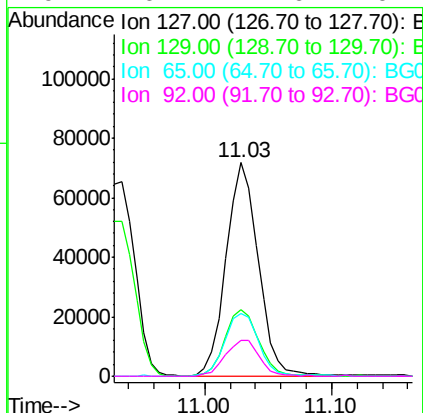
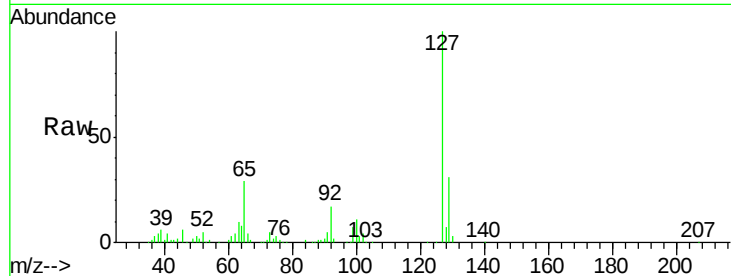
#33
4-Chloroaniline
Concen: 13.78 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	125142		
129	31.4	23.6	35.4	
65	29.1	37.7	56.5	
92	16.7	17.6	26.4	

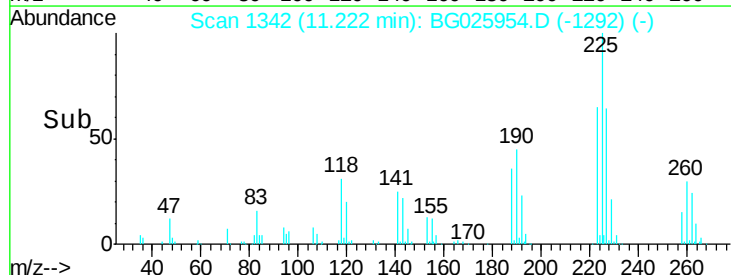
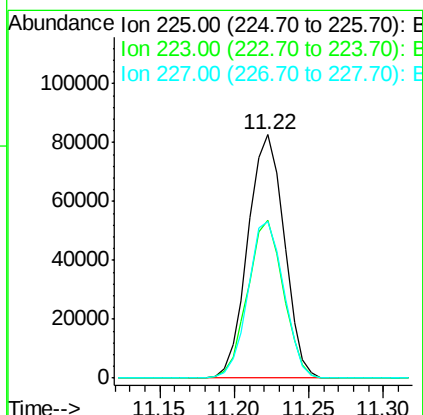
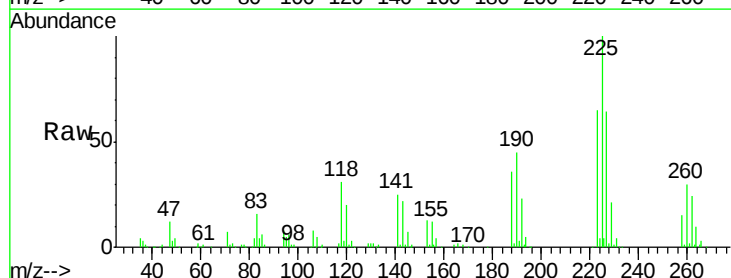
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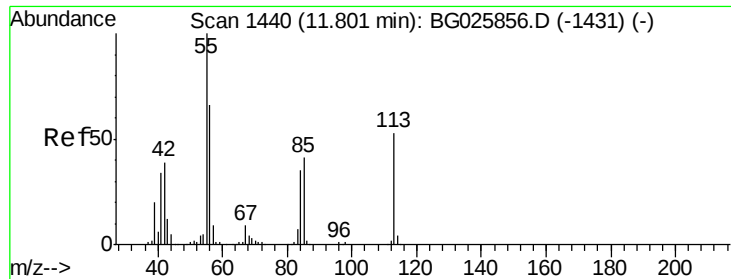
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#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 11.22 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138995		
223	64.9	50.7	76.1	
227	64.4	49.0	73.6	





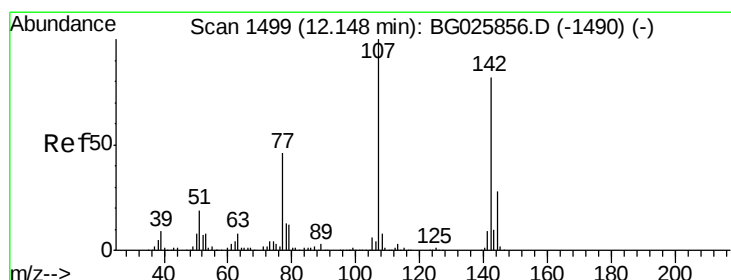
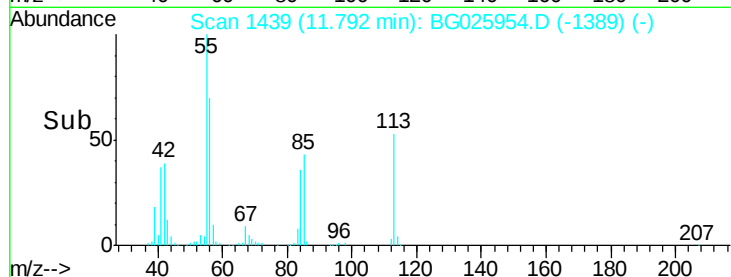
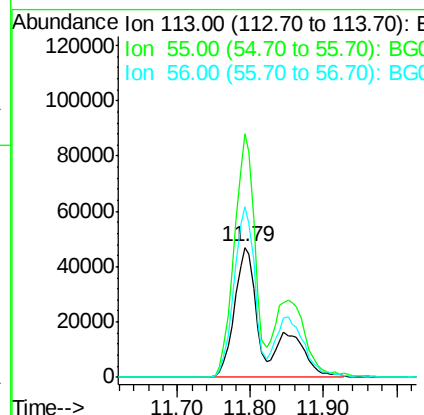
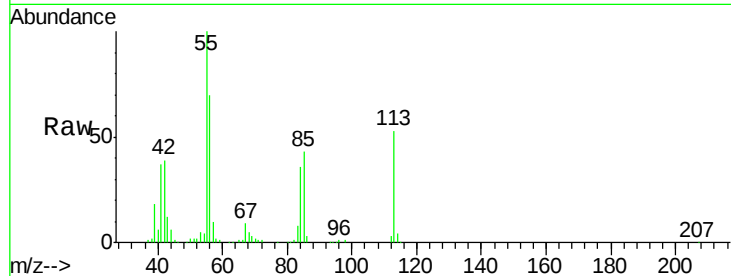
#35
 Caprolactam
 Concen: 59.58 ng m
 RT: 11.79 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	186.9	198.6	238.6#	
56	130.6	140.4	180.4#	

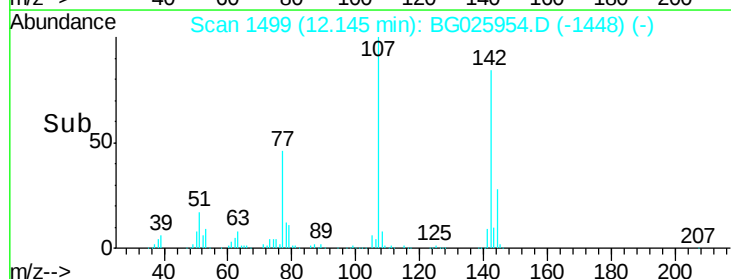
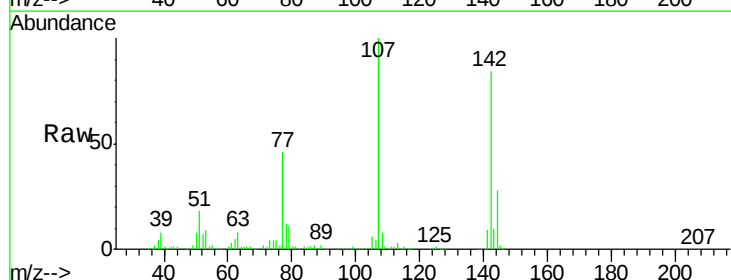
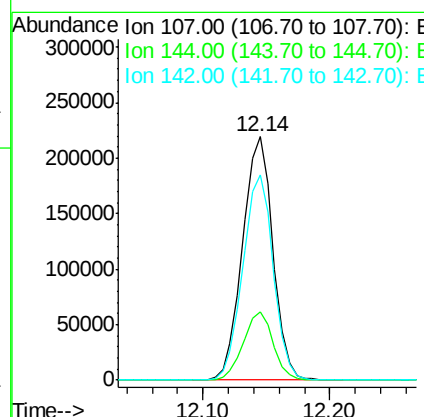
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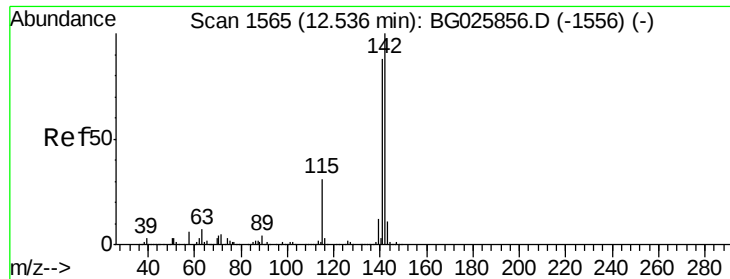
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 52.61 ng
 RT: 12.14 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.9	17.4	26.0#	
142	84.4	54.1	81.1#	





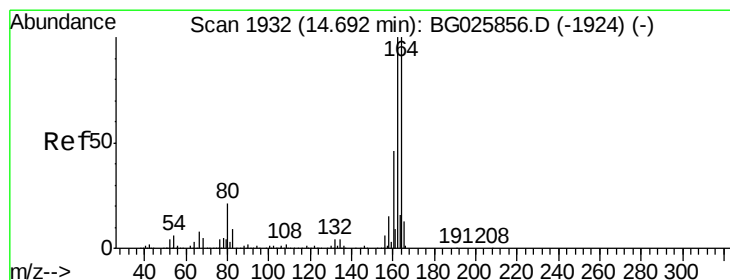
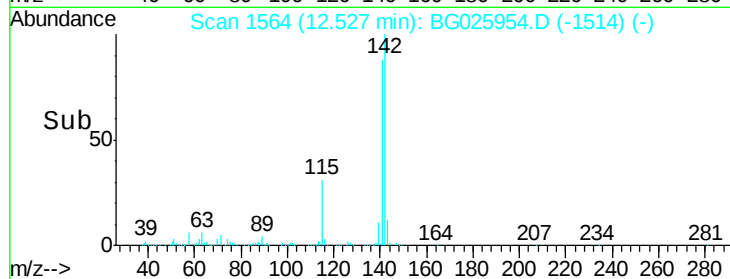
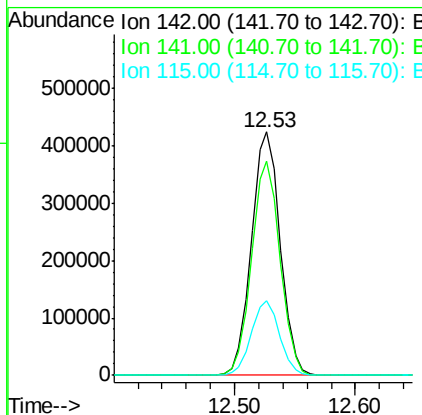
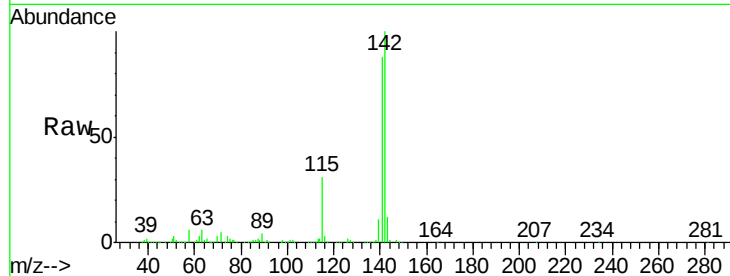
#37
 2-Methylnaphthalene
 Concen: 44.04 ng
 RT: 12.53 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	30.9	35.5	53.3

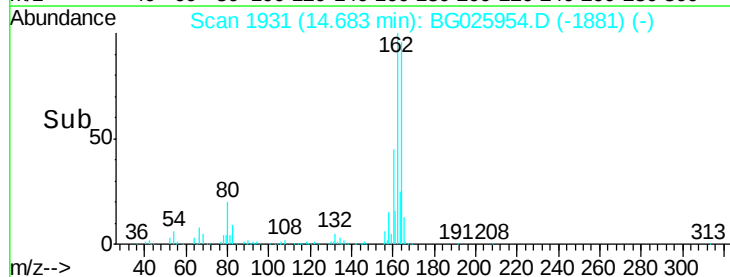
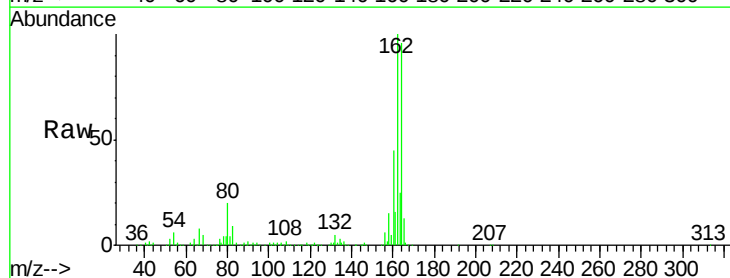
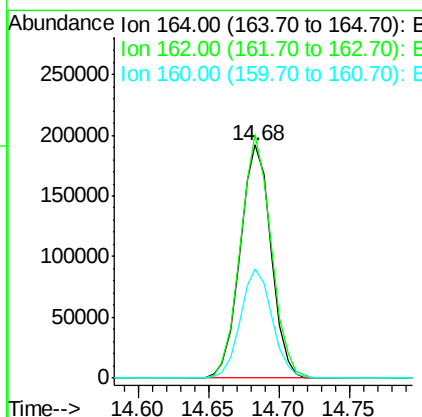
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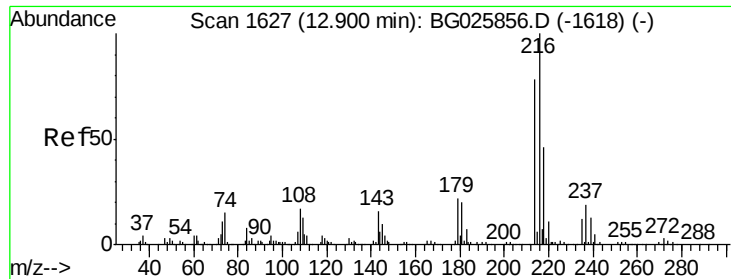
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	47.1	34.7	52.1





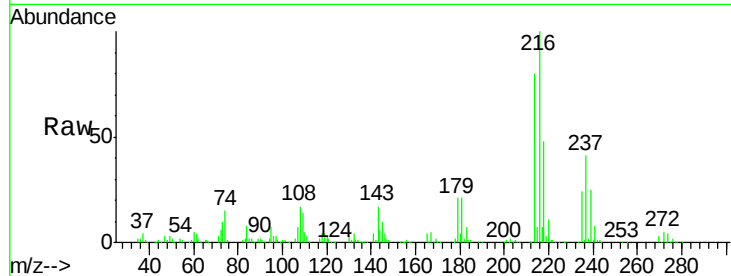
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.73 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

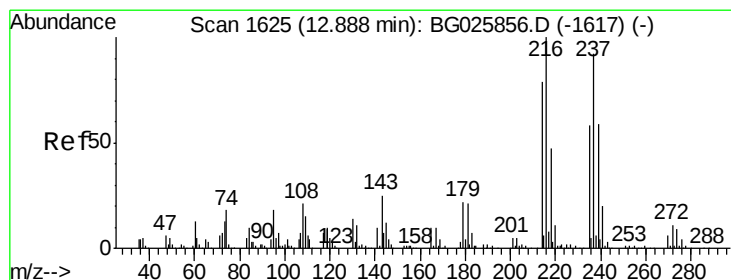
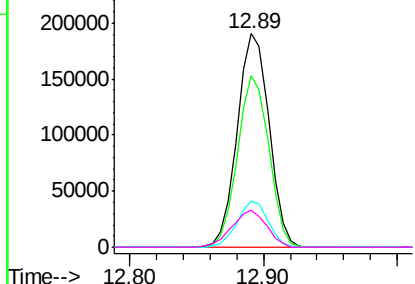
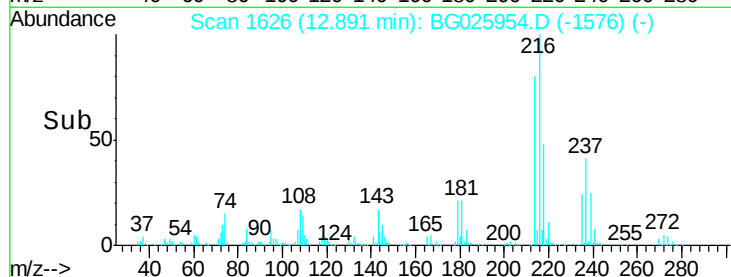
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	313893		
214	78.7	64.4	96.6	
179	21.1	17.4	26.0	
108	19.0	15.6	23.4	

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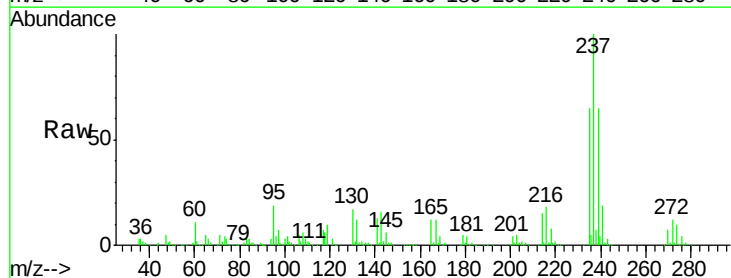


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

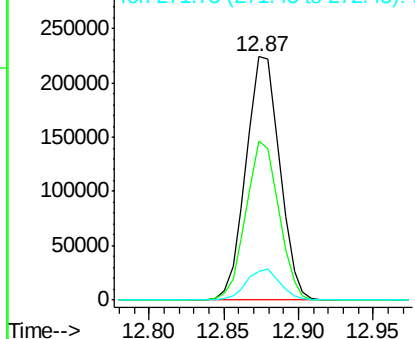
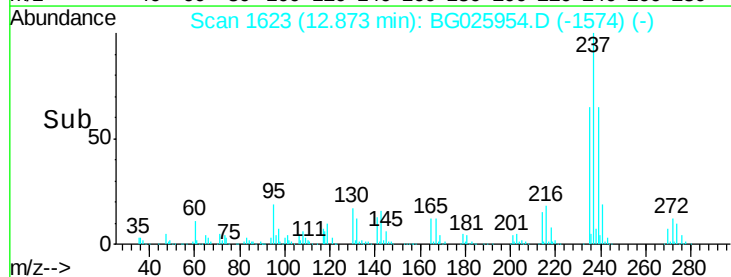


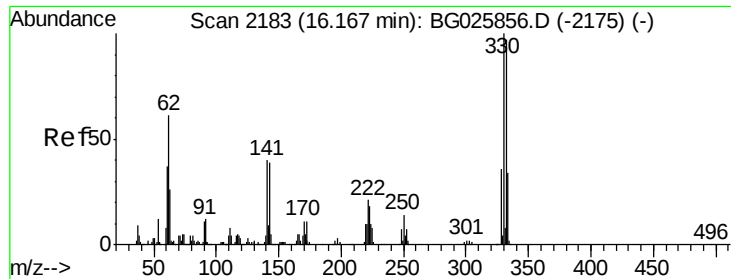
#40
 Hexachlorocyclopentadiene
 Concen: 87.45 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	351497		
235	65.2	39.4	79.4	
272	11.8	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





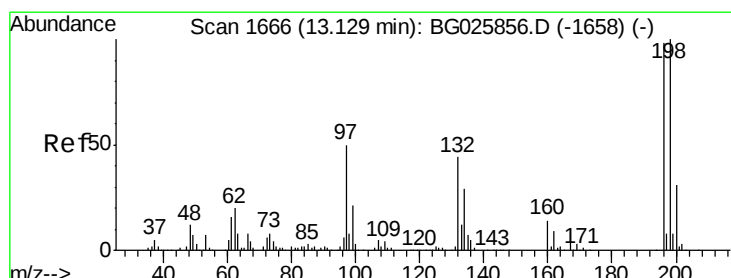
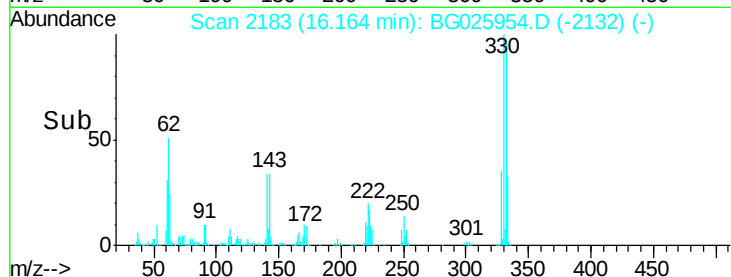
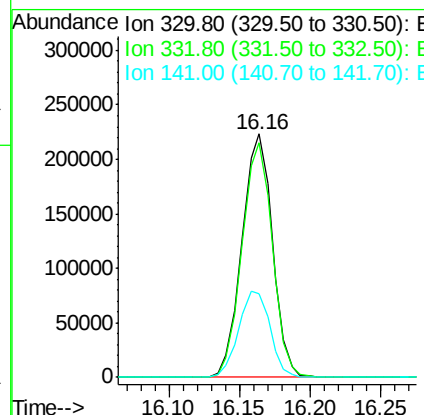
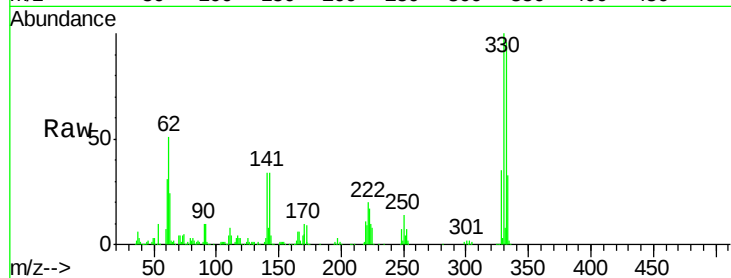
#41
 2,4,6-Tribromophenol
 Concen: 124.57 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	337278		
332	95.9	77.3	115.9	
141	36.6	32.1	48.1	

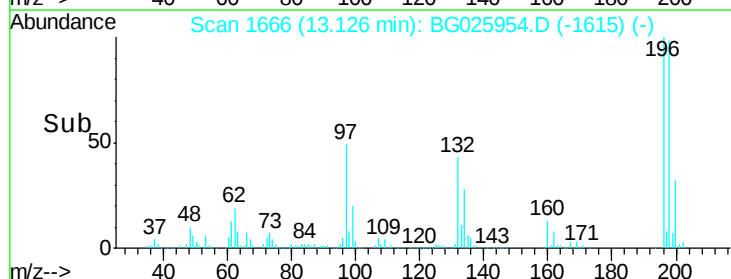
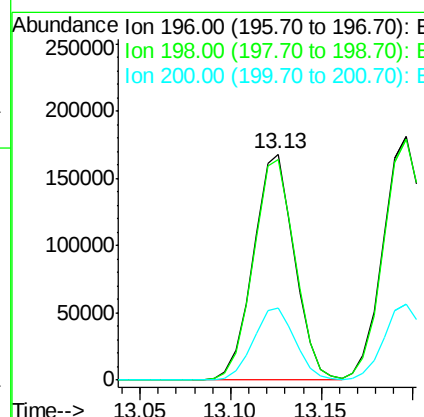
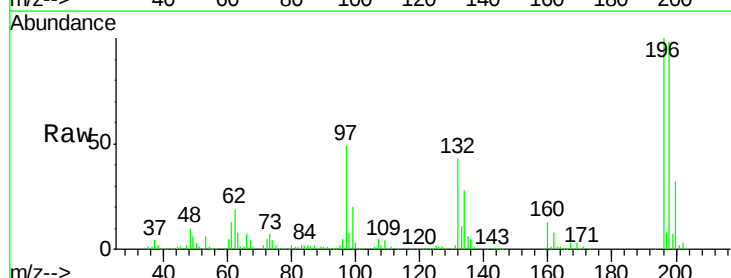
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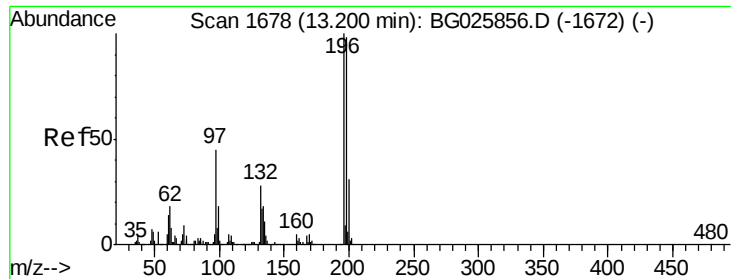
mohammad
 2/27/2017 1:07:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.71 ng
 RT: 13.13 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264292		
198	97.9	81.4	122.2	
200	32.2	27.0	40.6	





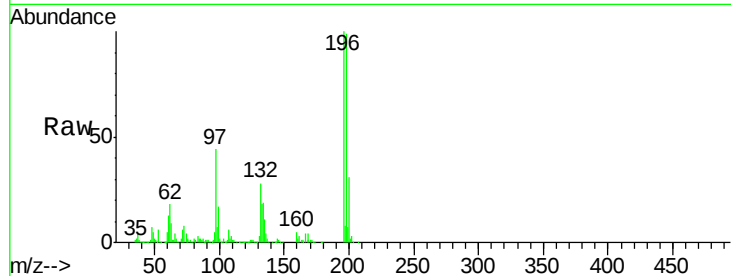
#43
2,4,5-Trichlorophenol
Concen: 53.66 ng
RT: 13.20 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288962		
198	99.0	79.9	119.9	
97	44.2	45.4	68.0	
132	27.8	20.7	31.1	

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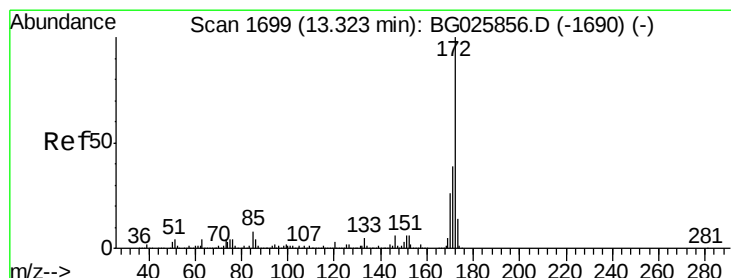
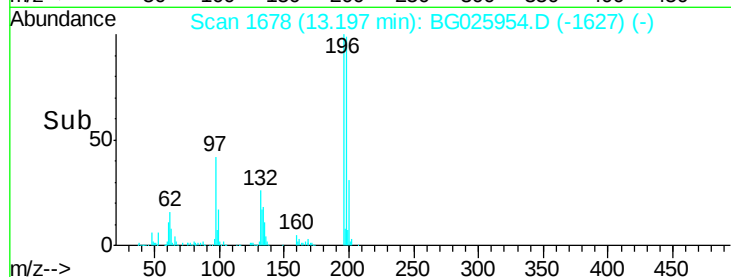
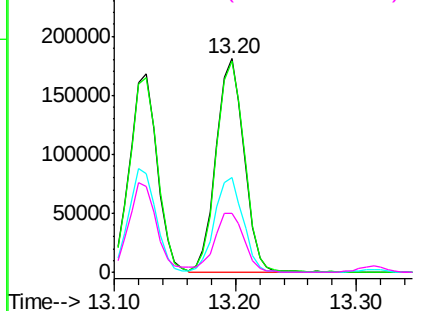
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 95.40 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

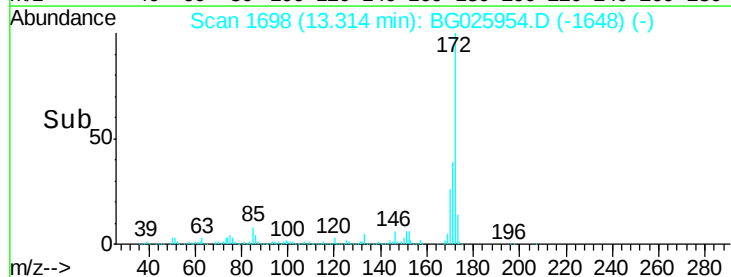
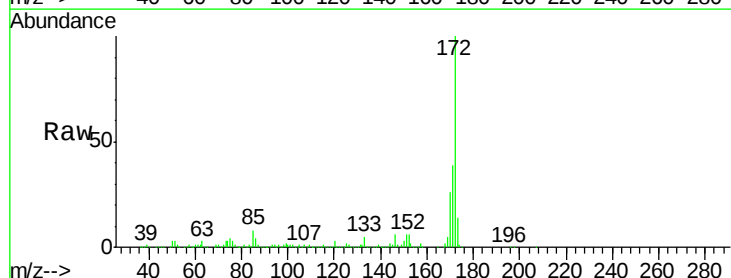
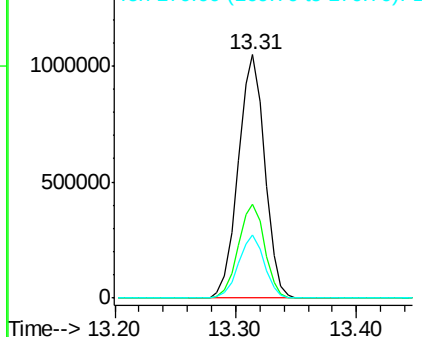
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1600021		
171	38.7	32.2	48.2	
170	26.0	21.8	32.6	

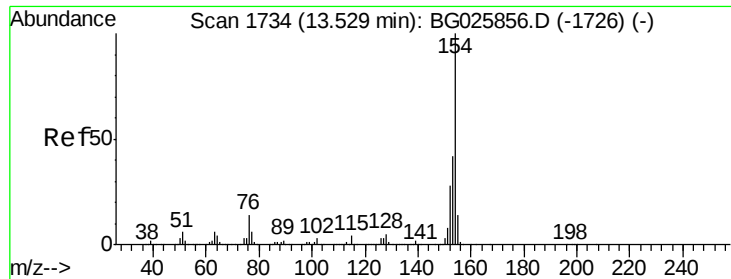
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





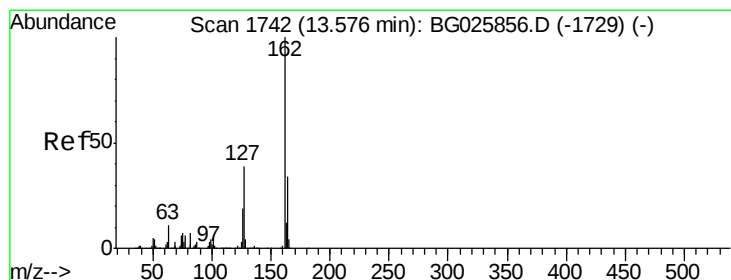
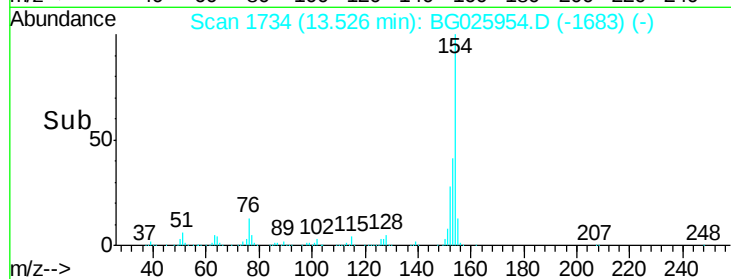
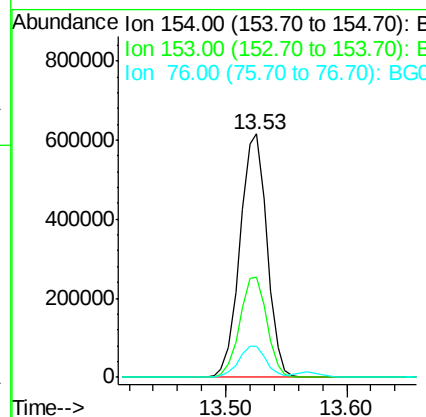
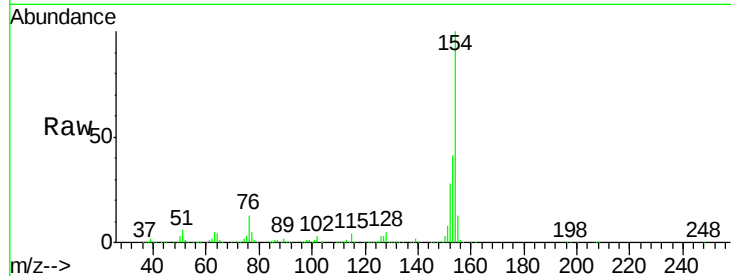
#45
 1,1'-Biphenyl
 Concen: 45.10 ng
 RT: 13.53 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion:	154	Resp:	957727
Ion Ratio	Lower	Upper	
154	100		
153	41.3	23.0	63.0
76	12.9	0.0	33.5

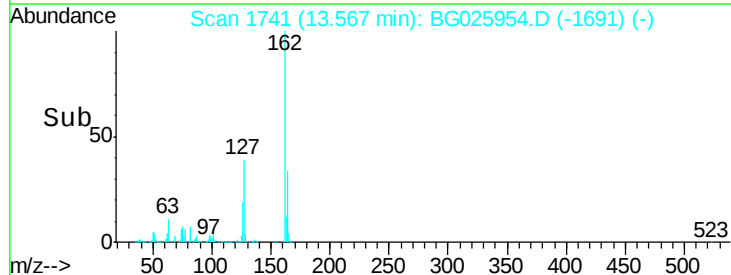
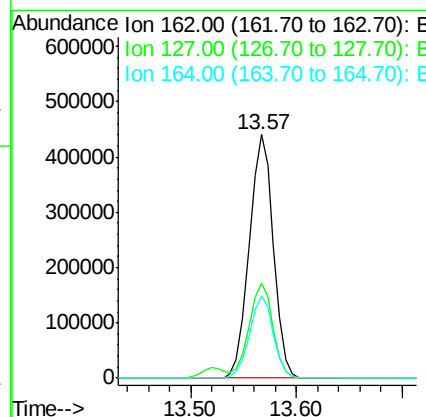
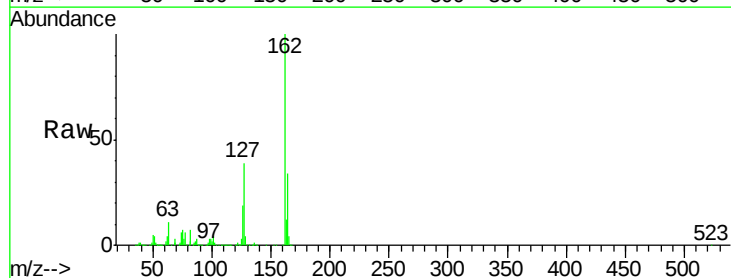
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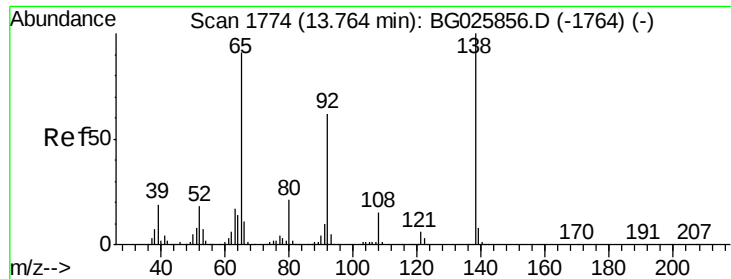
mohammad
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#46
 2-Chloronaphthalene
 Concen: 45.26 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion:	162	Resp:	694879
Ion Ratio	Lower	Upper	
162	100		
127	39.3	32.2	48.4
164	33.6	27.3	40.9





#47

2-Nitroaniline

Concen: 52.55 ng

RT: 13.76 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

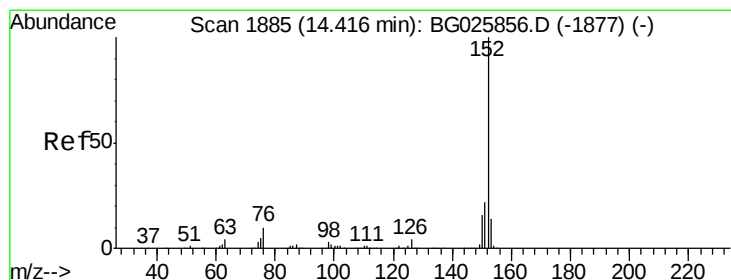
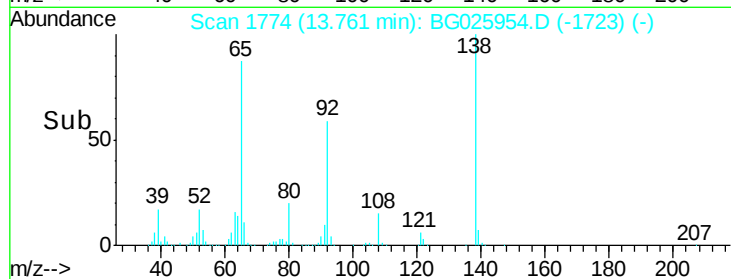
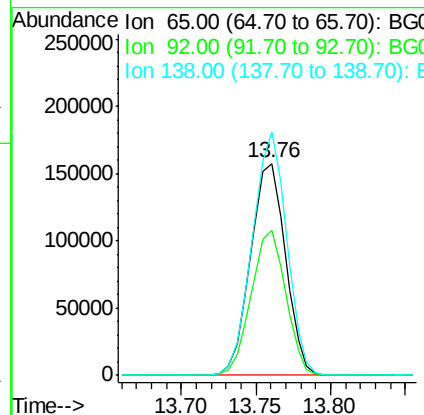
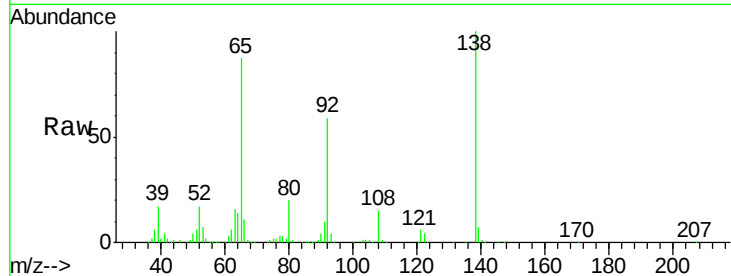
ClientSampleId :

PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	255913		
92	68.2	49.0	73.4	
138	115.0	58.6	87.8	

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#48

Acenaphthylene

Concen: 45.65 ng

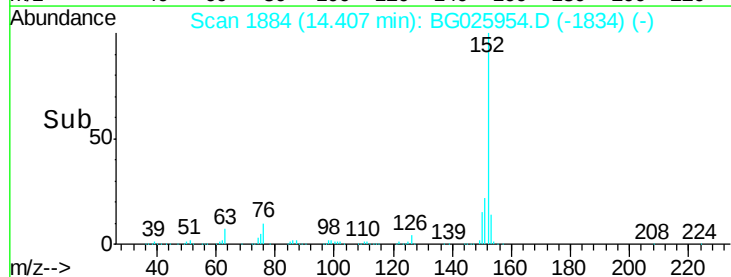
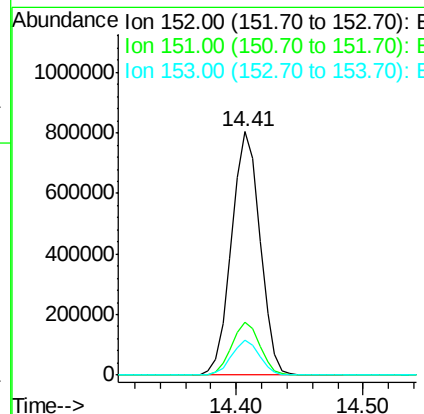
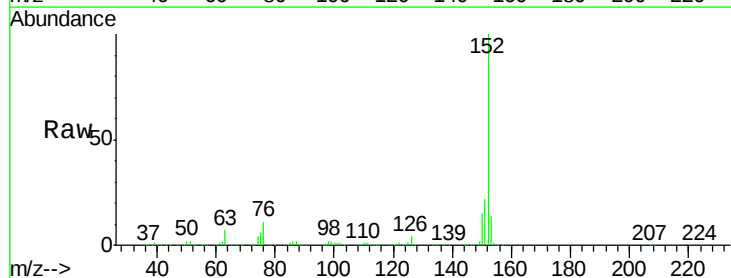
RT: 14.41 min Scan# 1884

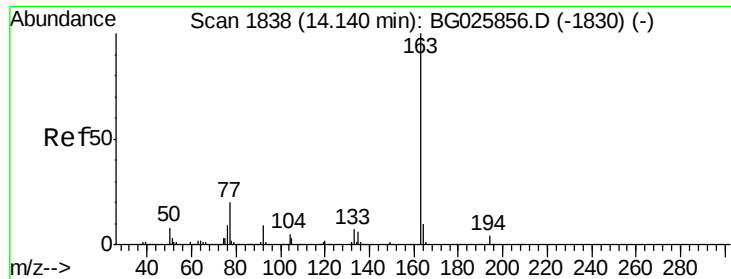
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1247913		
151	22.0	18.2	27.2	
153	14.3	11.3	16.9	





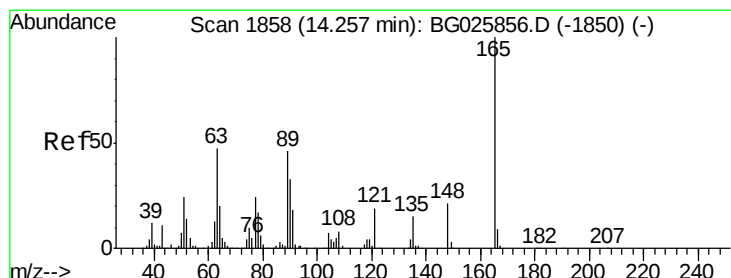
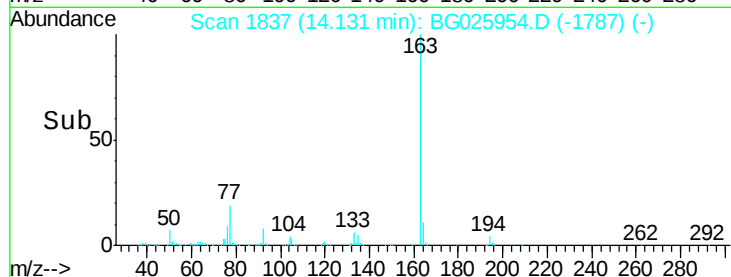
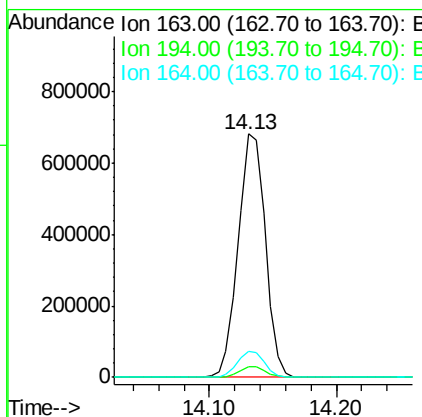
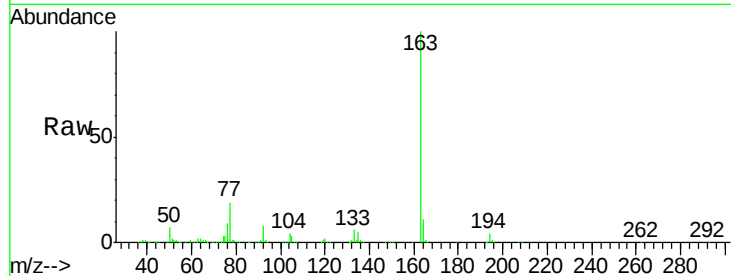
#49
Dimethylphthalate
Concen: 50.35 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.7	9.3	13.9

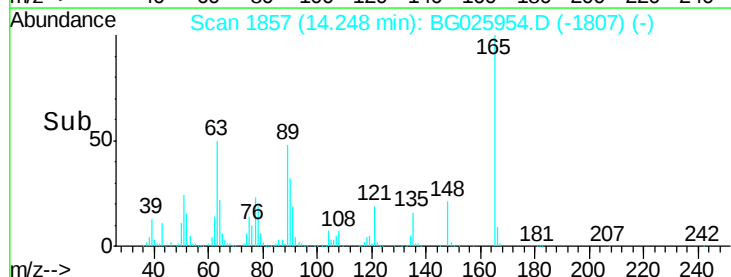
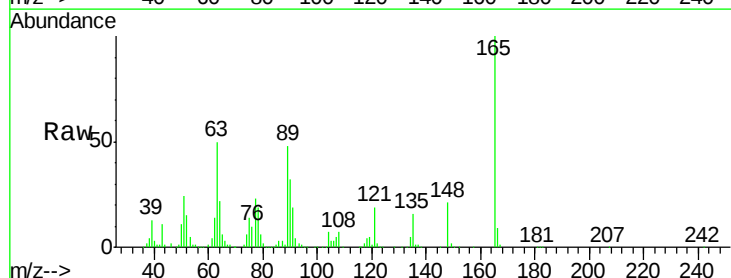
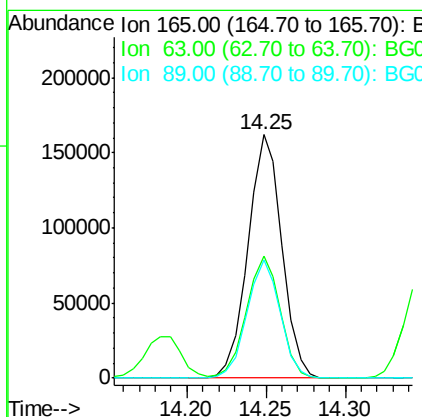
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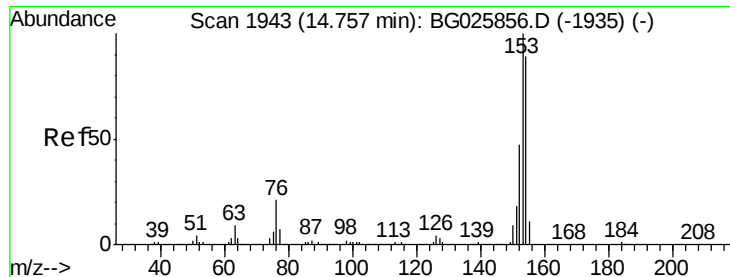
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#50
2,6-Dinitrotoluene
Concen: 53.08 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	63.9	95.9#
89	48.4	58.6	88.0#





#51

Acenaphthene

Concen: 46.21 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

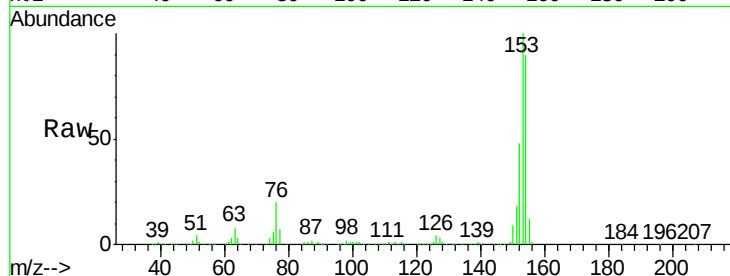
ClientSampleId :

PB97153BSD

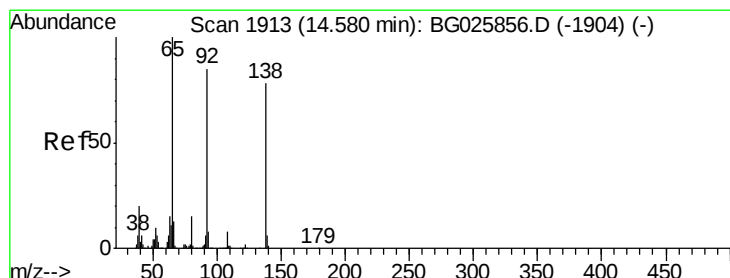
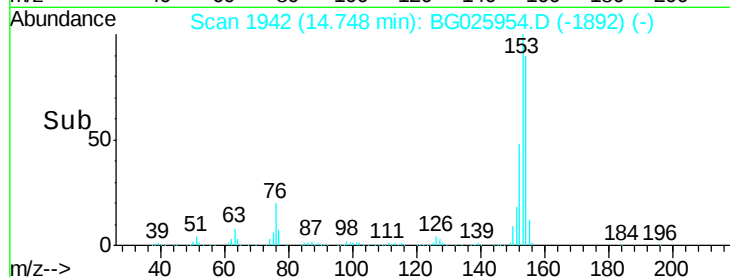
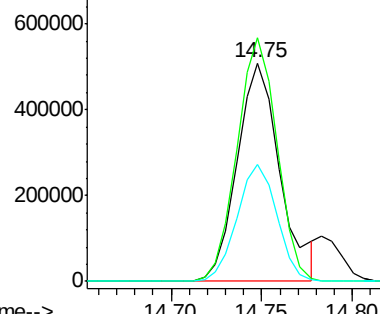
Tgt Ion:	154	Resp:	834268
Ion Ratio	Lower	Upper	
154	100		
153	111.4	87.8	131.6
152	53.3	42.2	63.4

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



#52

3-Nitroaniline

Concen: 23.72 ng

RT: 14.57 min Scan# 1912

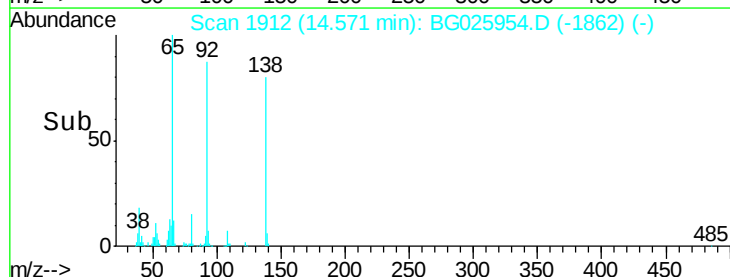
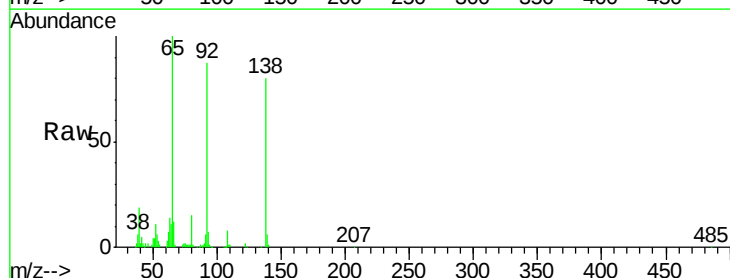
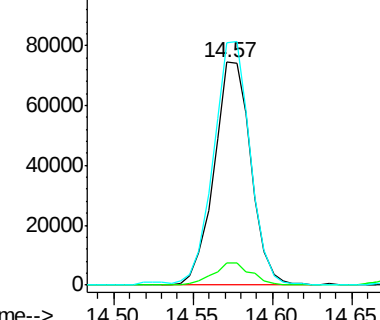
Delta R.T. -0.01 min

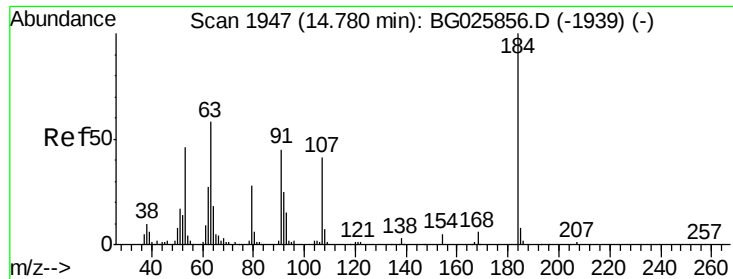
Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	138	Resp:	119849
Ion Ratio	Lower	Upper	
138	100		
108	9.7	10.9	16.3#
92	109.1	115.3	172.9#

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





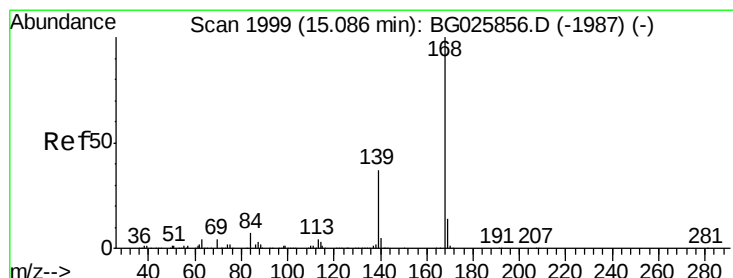
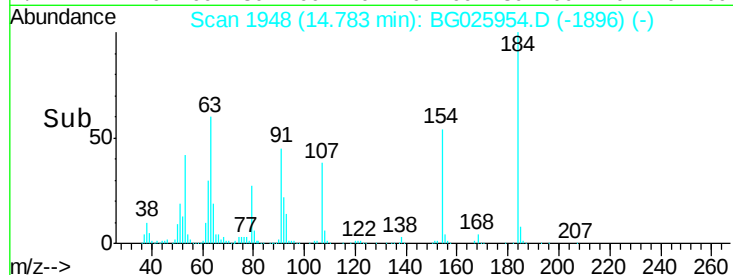
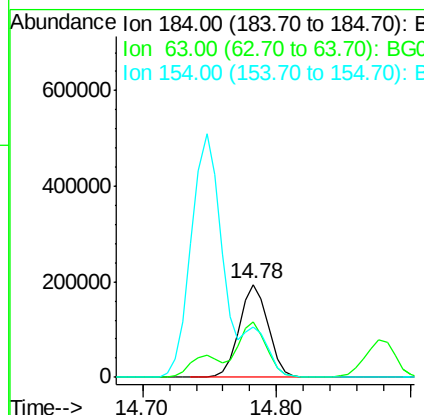
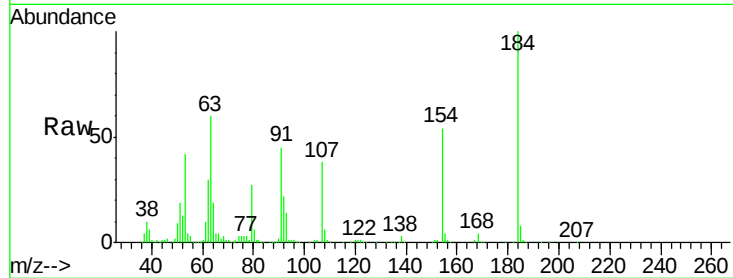
#53
2,4-Dinitrophenol
Concen: 124.01 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	293071		
63	60.0	52.7	79.1	
154	53.8	57.3	85.9#	

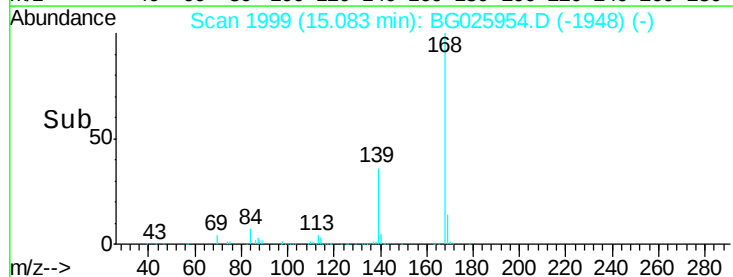
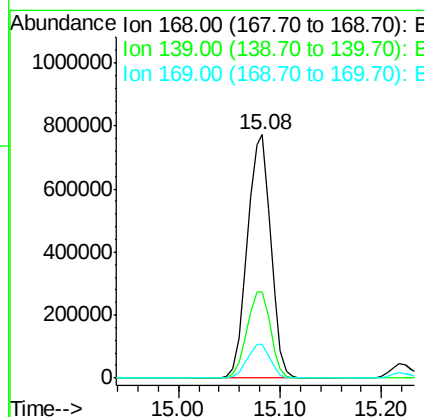
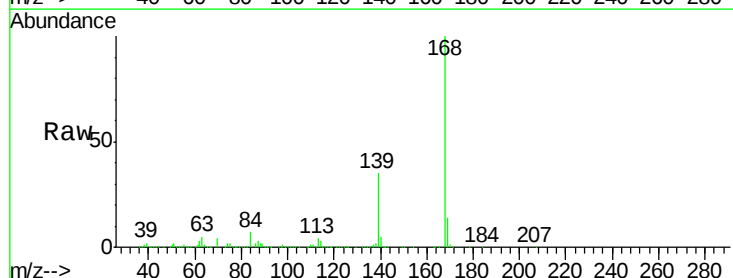
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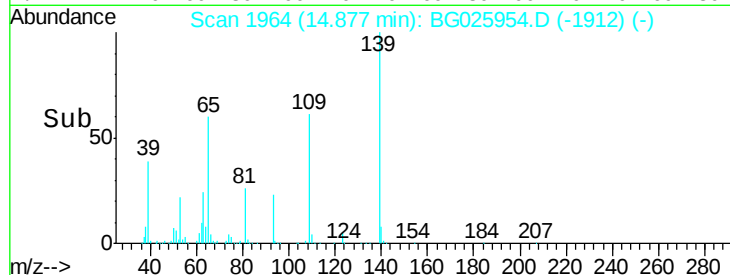
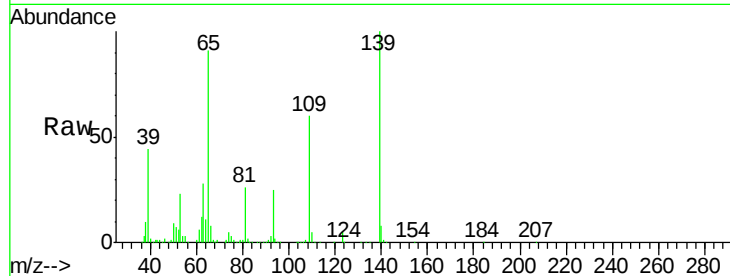
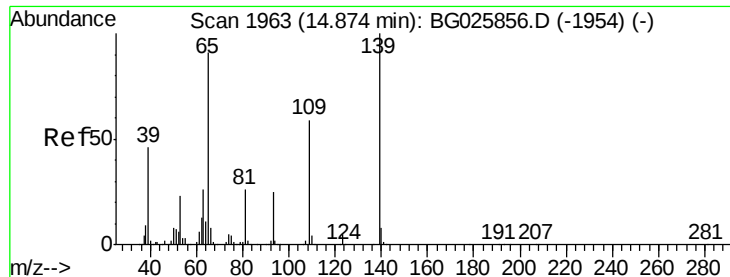
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#54
Dibenzofuran
Concen: 51.09 ng
RT: 15.08 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1229773		
139	35.2	35.3	52.9#	
169	13.8	11.5	17.3	





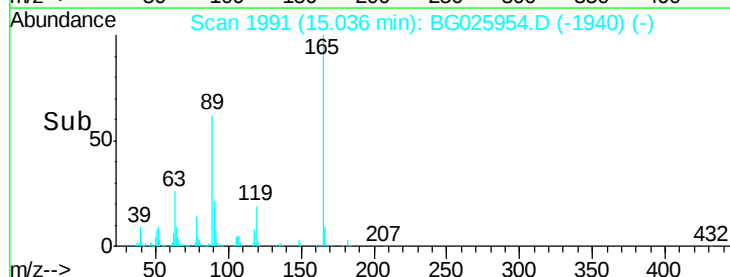
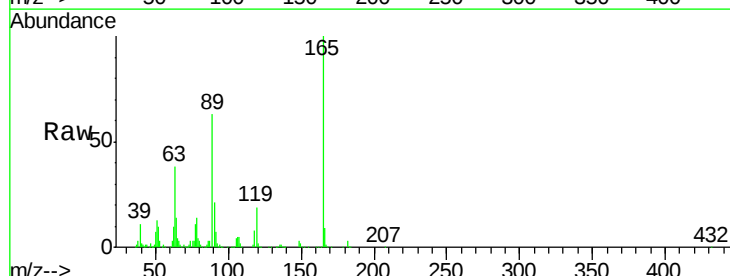
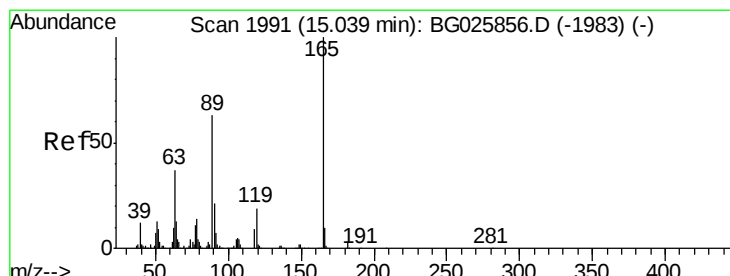
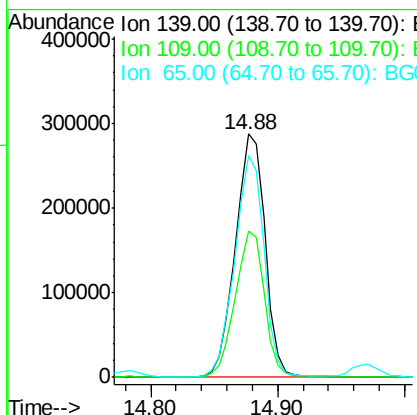
#55
4-Nitrophenol
Concen: 113.90 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	468291		
109	60.1	101.2	141.2#	
65	90.9	135.3	175.3#	

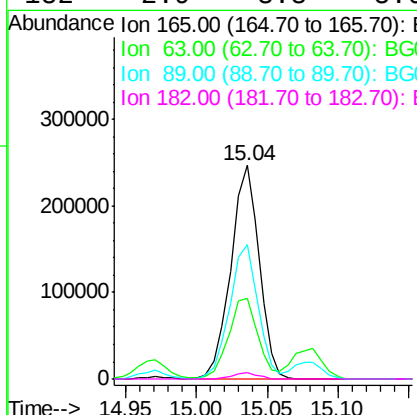
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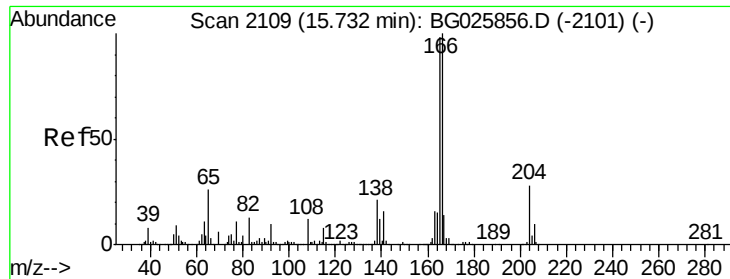
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#56
2,4-Dinitrotoluene
Concen: 57.00 ng
RT: 15.04 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	346341		
63	38.0	44.0	66.0#	
89	62.7	67.3	100.9#	
182	2.9	3.8	5.6#	





#57

Fluorene

Concen: 48.20 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:166 Resp: 1036749

Ion Ratio Lower Upper

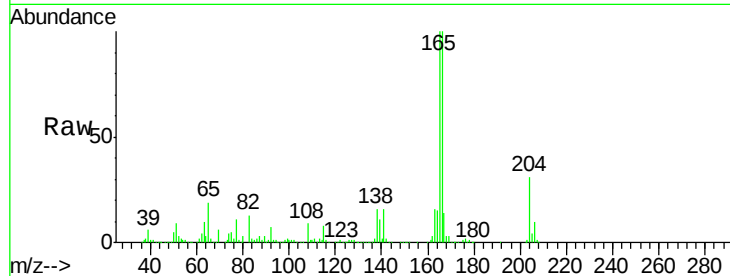
166 100

165 100.3 78.6 117.8

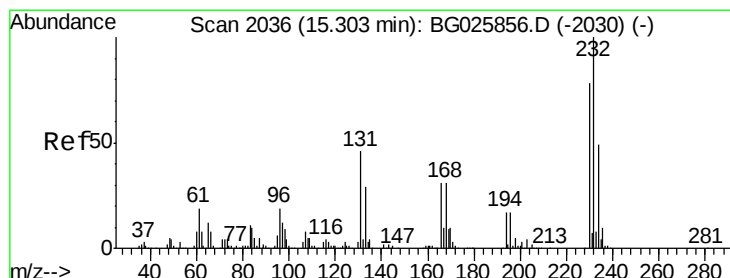
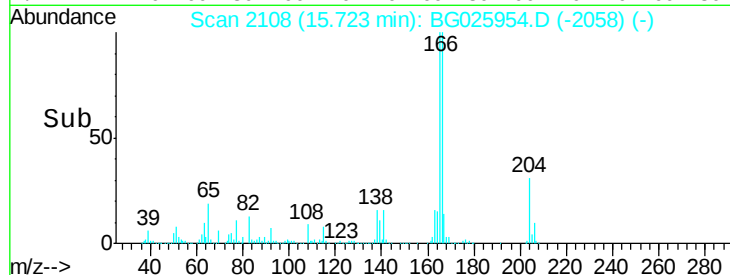
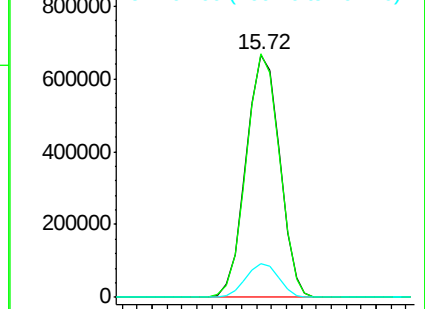
167 14.0 11.6 17.4

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.11 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:232 Resp: 290334

Ion Ratio Lower Upper

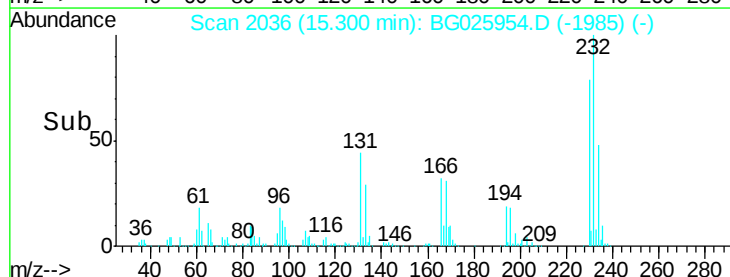
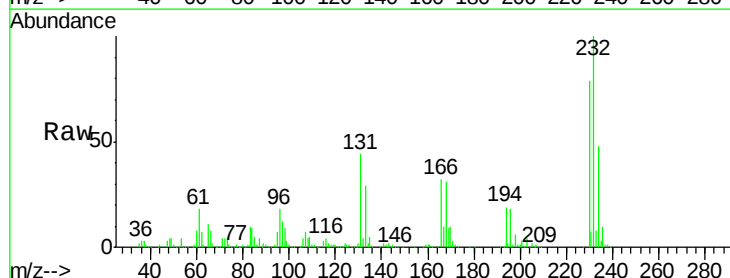
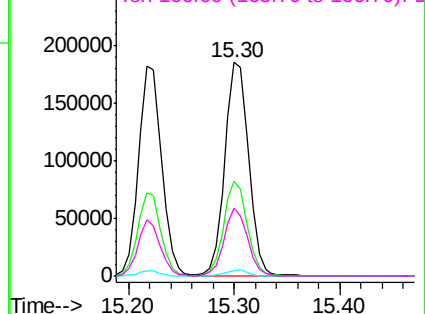
232 100

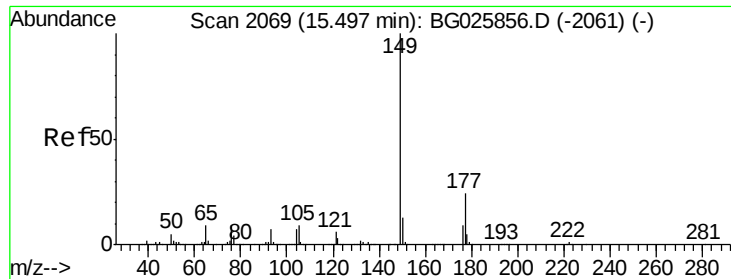
131 43.4 34.9 52.3

130 2.5 2.3 3.5

166 30.9 24.2 36.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





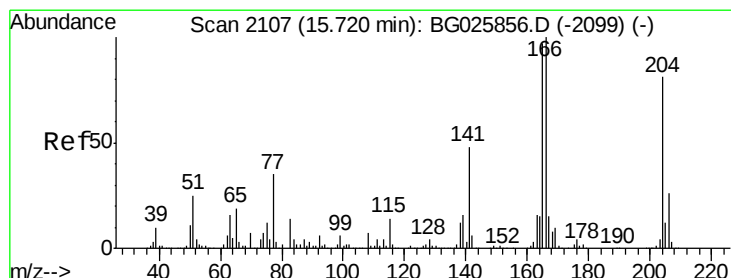
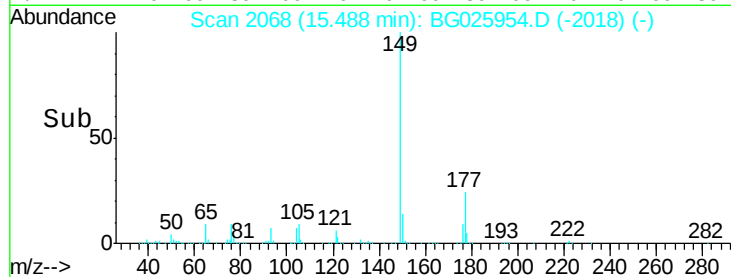
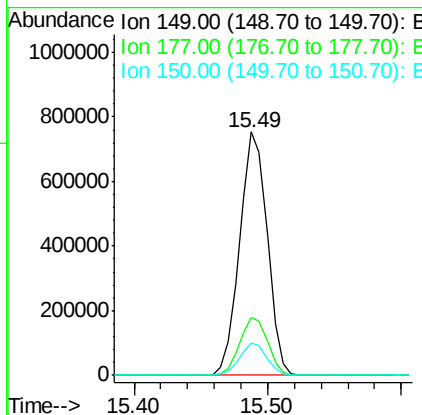
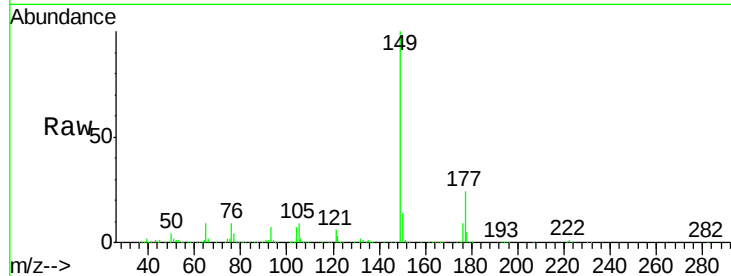
#59
Diethylphthalate
Concen: 51.57 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion:149 Resp: 1072488
Ion Ratio Lower Upper
149 100
177 23.8 20.1 30.1
150 13.5 10.2 15.2

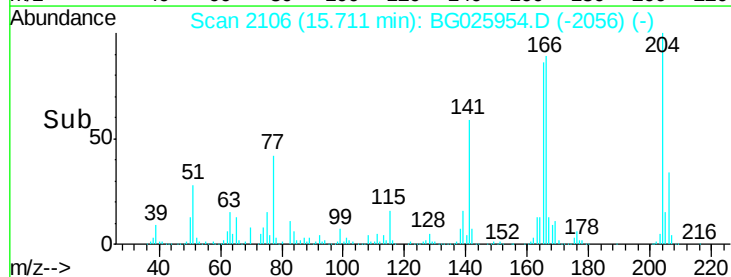
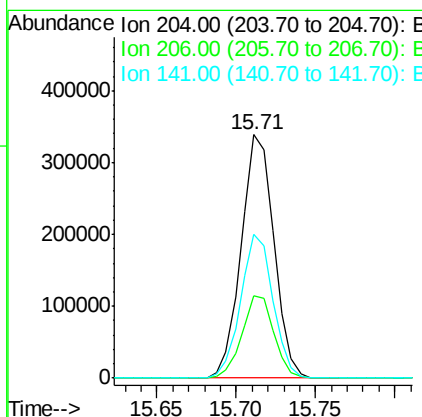
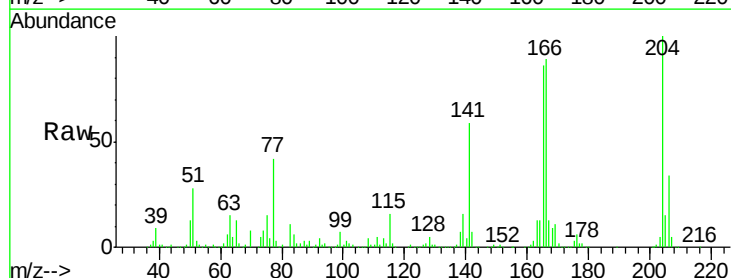
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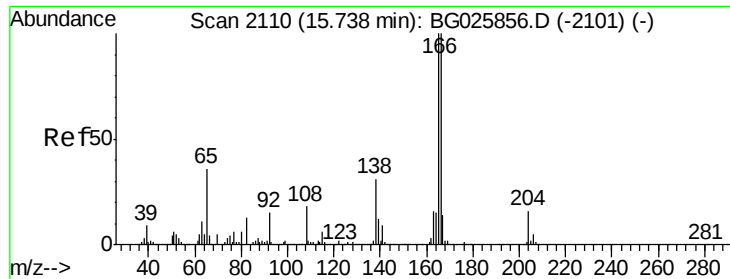
mohammad
2/27/2017 1:07:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.70 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion:204 Resp: 485351
Ion Ratio Lower Upper
204 100
206 33.9 30.1 45.1
141 59.0 50.6 76.0





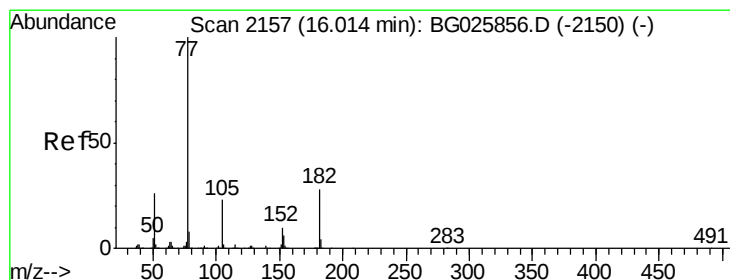
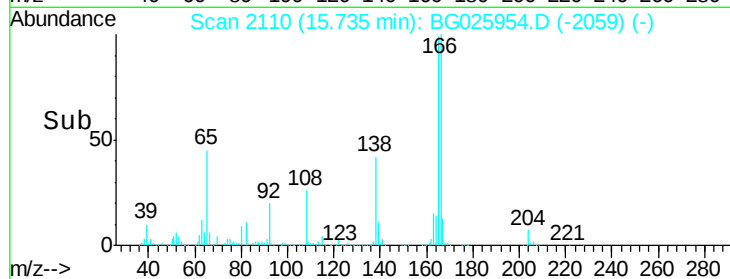
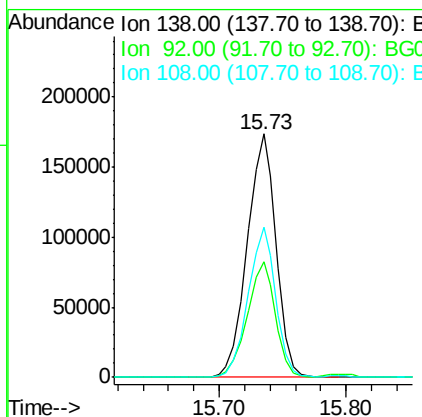
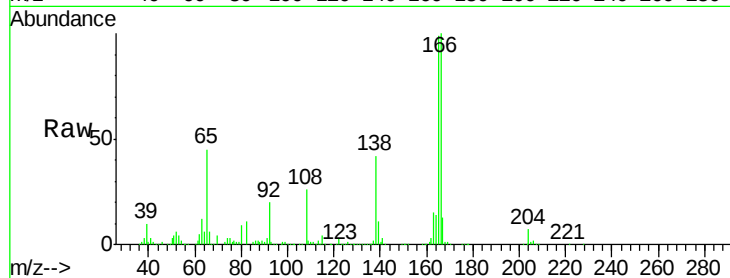
#61
4-Nitroaniline
Concen: 52.34 ng
RT: 15.73 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	274112		
92	47.6	44.2	84.2	
108	61.9	104.8	144.8	

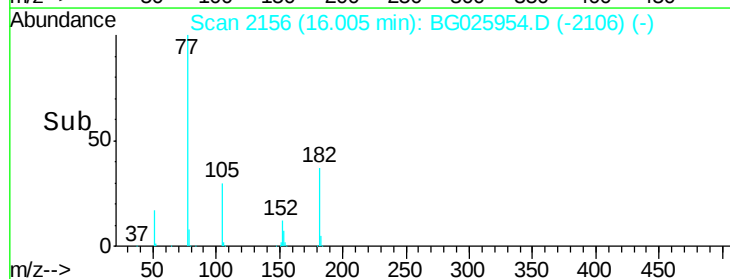
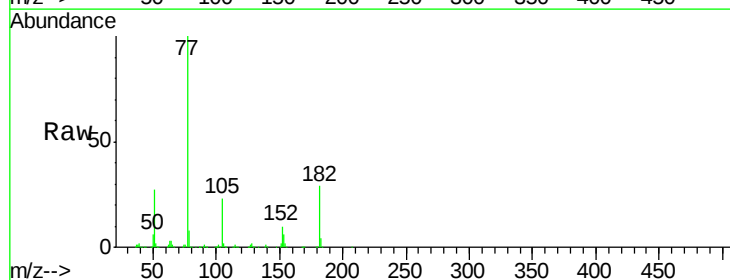
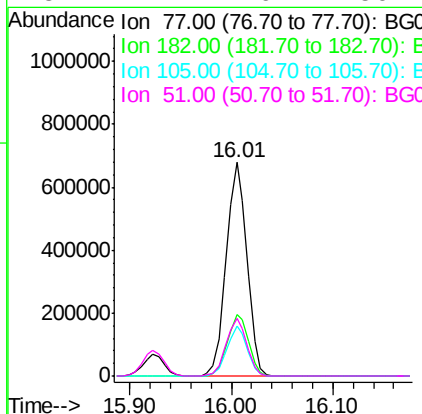
Manual Integrations
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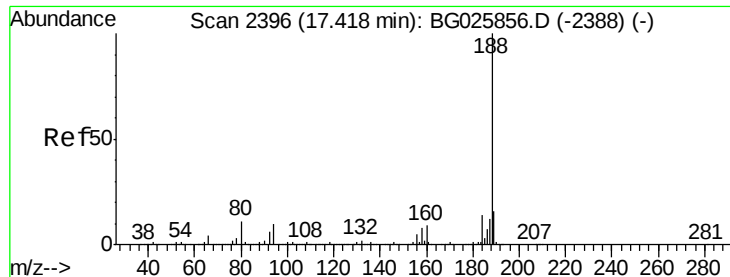
mohammad
2/27/2017 1:07:10 PM



#62
Azobenzene
Concen: 53.55 ng
RT: 16.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	957294		
182	28.9	4.7	44.7	
105	23.4	0.0	36.3	
51	27.2	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

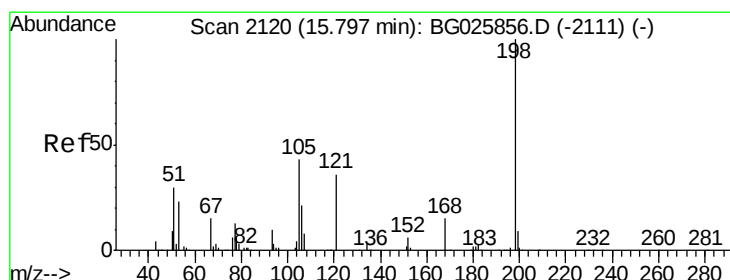
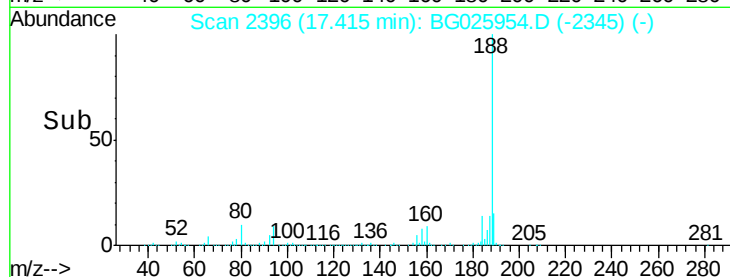
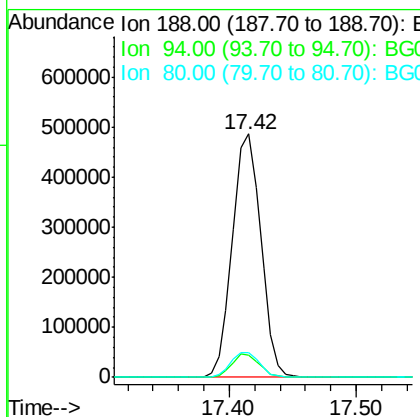
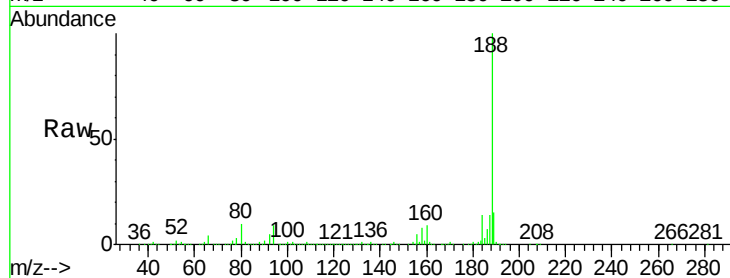
ClientSampleId :

PB97153BSD

Tgt Ion:	188	Resp:	757715
Ion Ratio	Lower	Upper	
188	100		
94	9.4	5.8	8.8#
80	10.1	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.35 ng

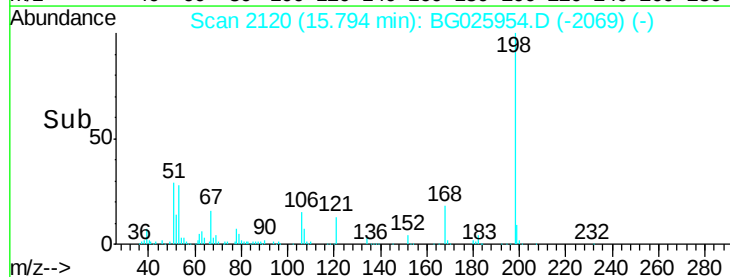
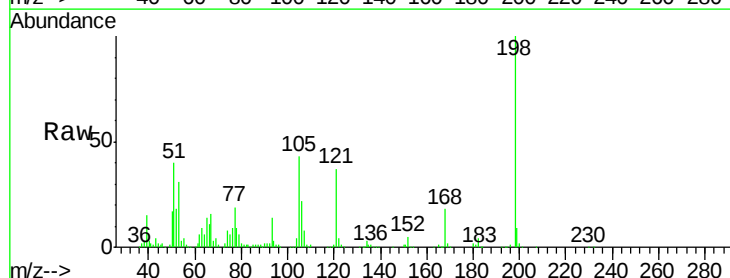
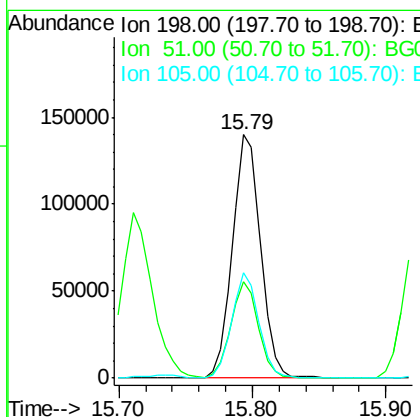
RT: 15.79 min Scan# 2120

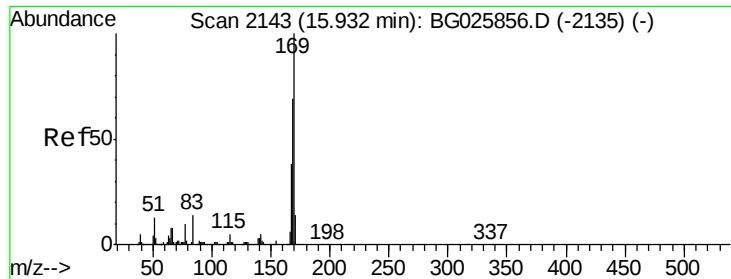
Delta R.T. -0.00 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion:	198	Resp:	205543
Ion Ratio	Lower	Upper	
198	100		
51	39.8	22.6	62.6
105	43.1	14.4	54.4





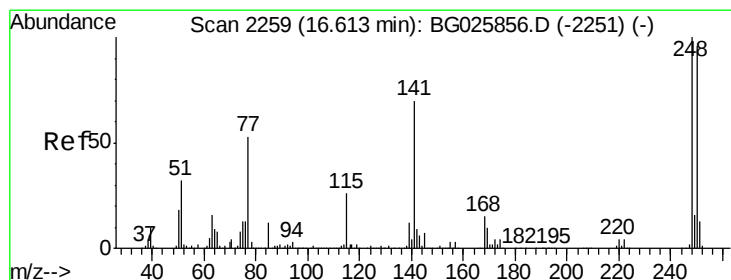
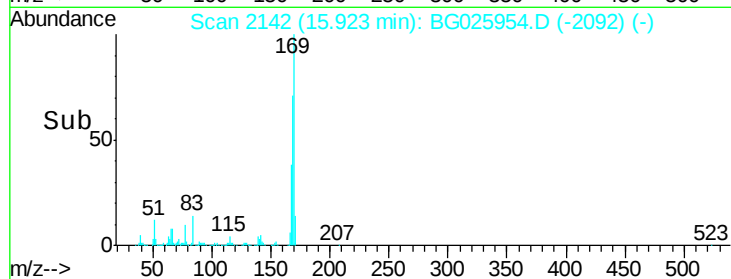
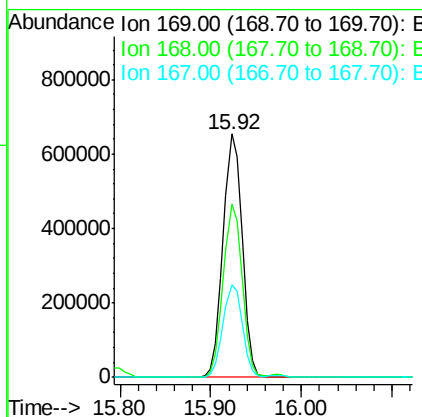
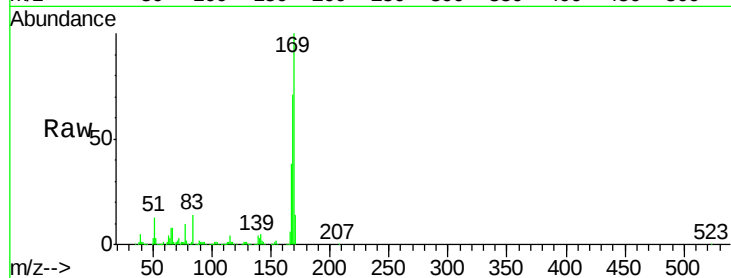
#65
n-Nitrosodiphenylamine
Concen: 41.68 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	38.2	29.8	44.6

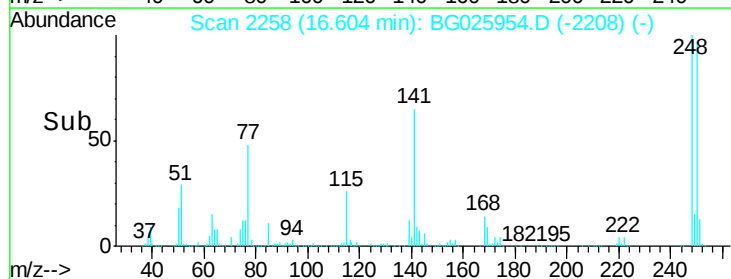
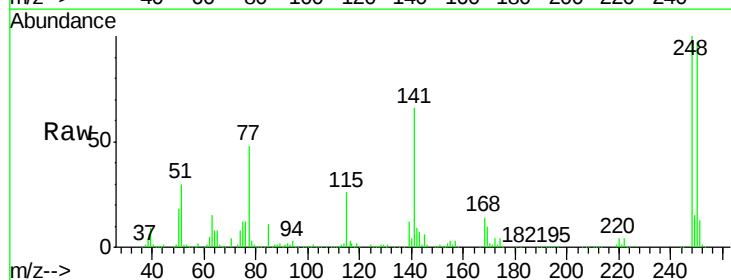
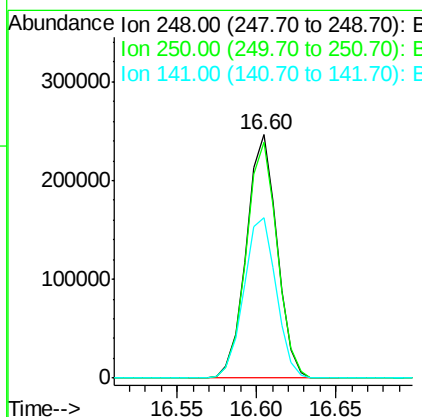
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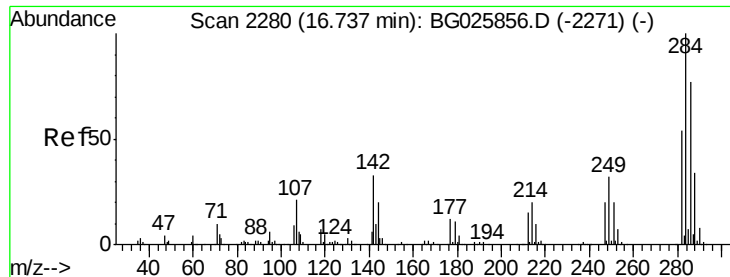
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 41.72 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.0	112.6
141	65.6	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.87 ng

RT: 16.73 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

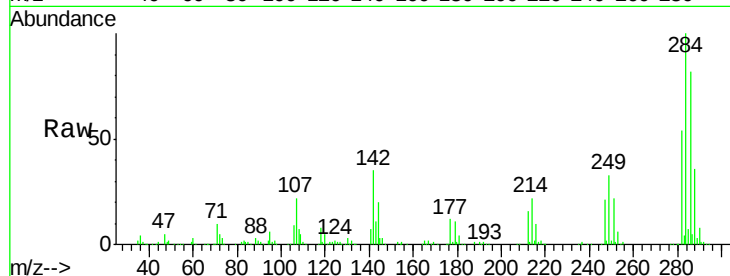
ClientSampleId :

PB97153BSD

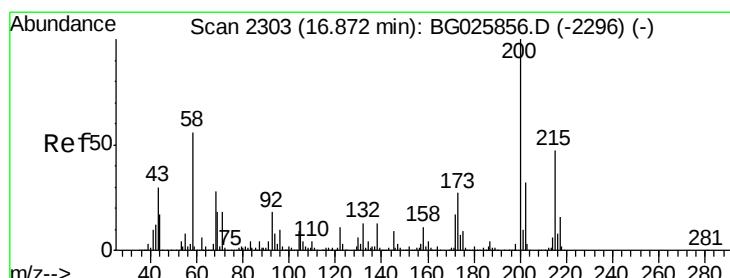
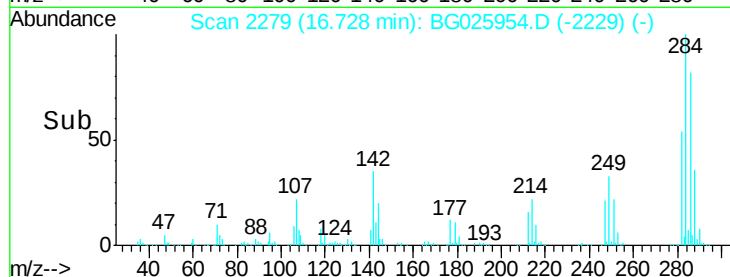
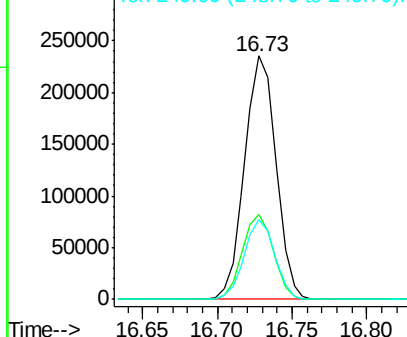
Tgt Ion:	284	Resp:	342708
Ion Ratio		Lower	Upper
284	100		
142	34.7	29.9	44.9
249	32.6	29.2	43.8

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



#68

Atrazine

Concen: 43.77 ng

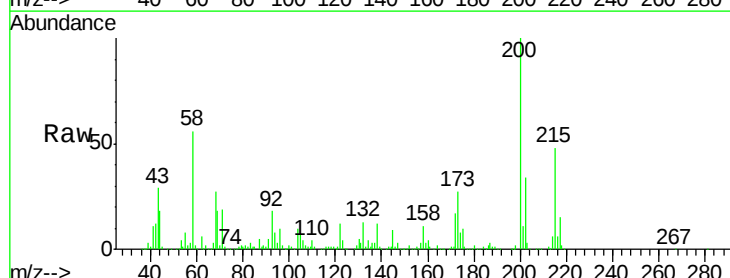
RT: 16.86 min Scan# 2302

Delta R.T. -0.01 min

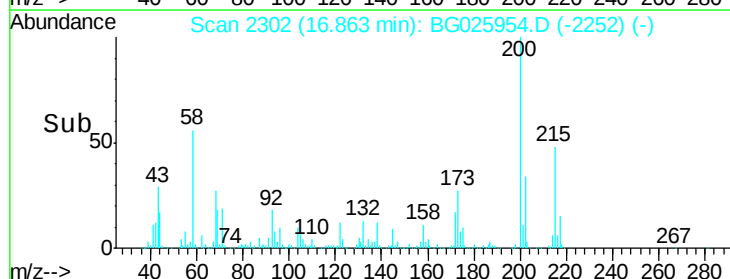
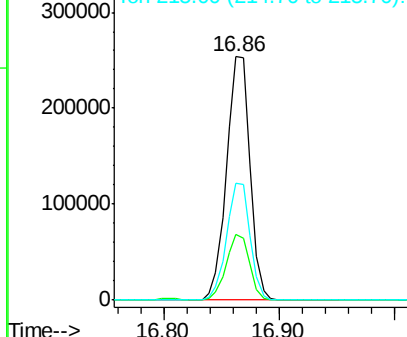
Lab File: BG025954.D

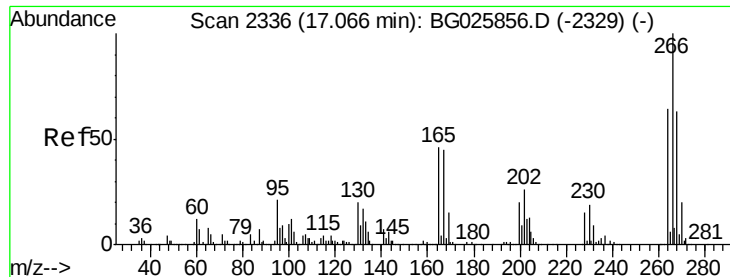
Acq: 25 Feb 2017 5:39

Tgt Ion:	200	Resp:	355993
Ion Ratio		Lower	Upper
200	100		
173	26.8	3.0	43.0
215	48.0	28.4	68.4



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





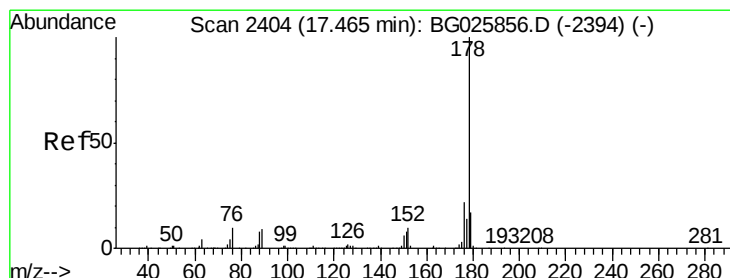
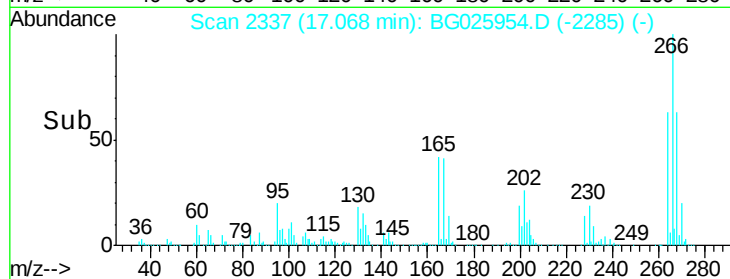
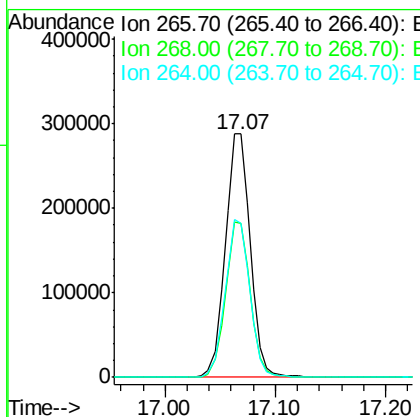
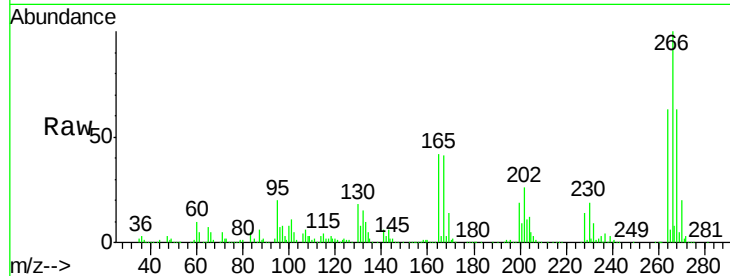
#69
 Pentachlorophenol
 Concen: 90.30 ng
 RT: 17.07 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	455910		
268	63.5	48.6	72.8	
264	63.4	50.1	75.1	

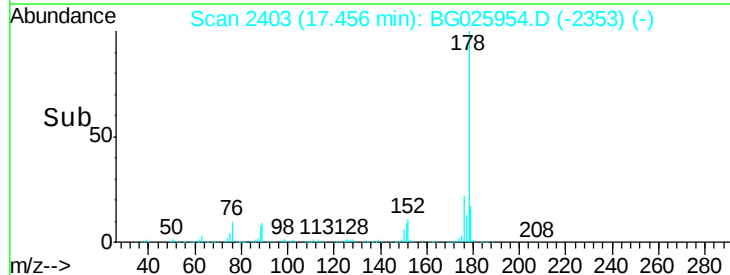
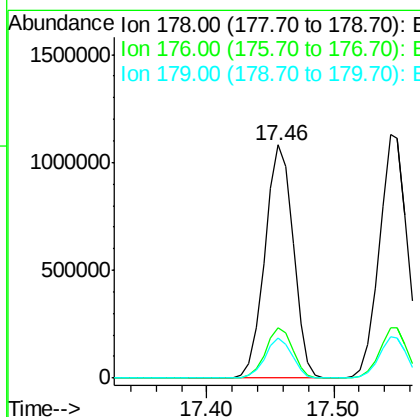
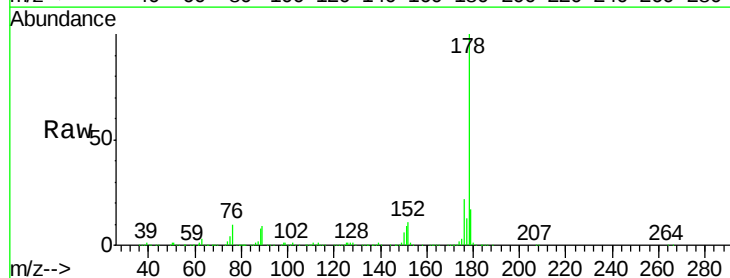
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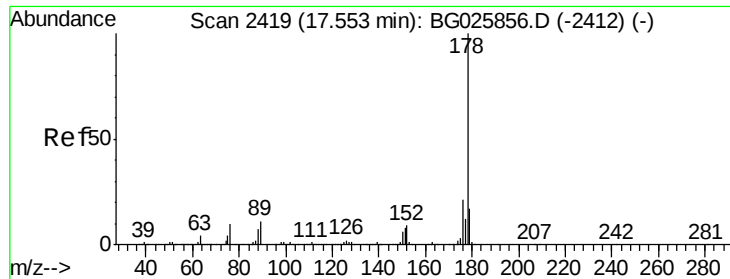
mohammad
 2/27/2017 1:07:10 PM



#70
 Phenanthrene
 Concen: 40.81 ng
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1678640		
176	21.8	17.7	26.5	
179	17.0	15.0	22.6	





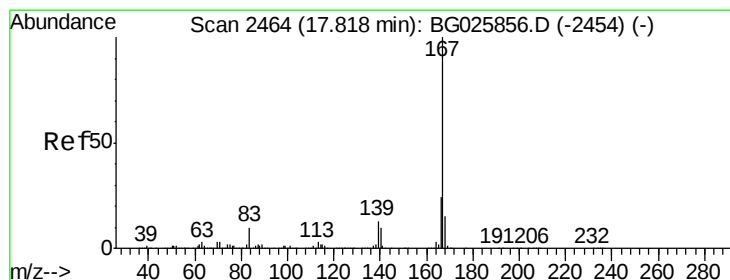
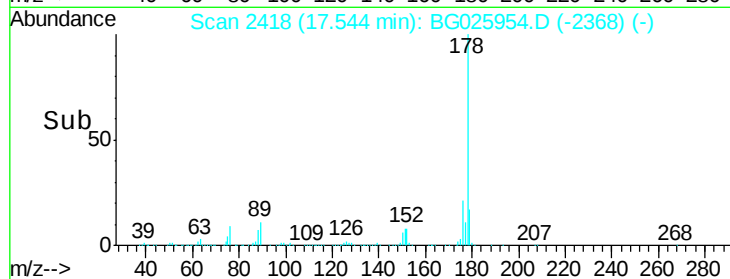
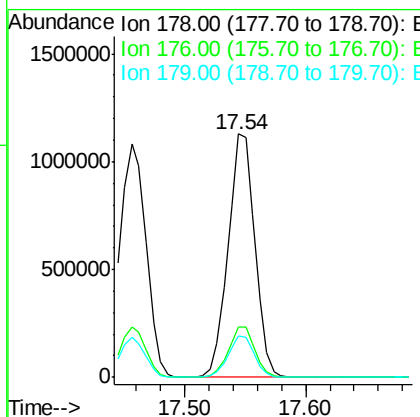
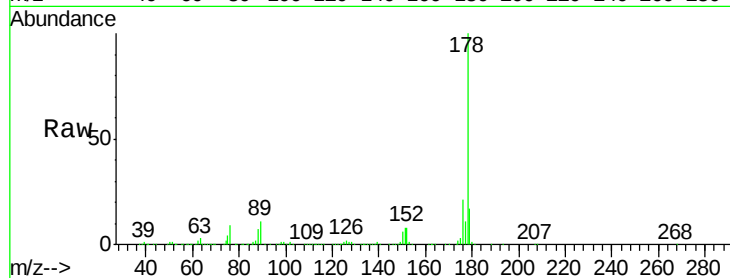
#71
 Anthracene
 Concen: 41.42 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion:178 Resp: 1736886
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.4 24.6
 179 16.8 13.8 20.8

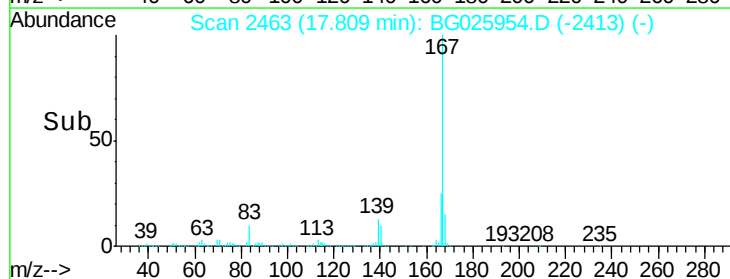
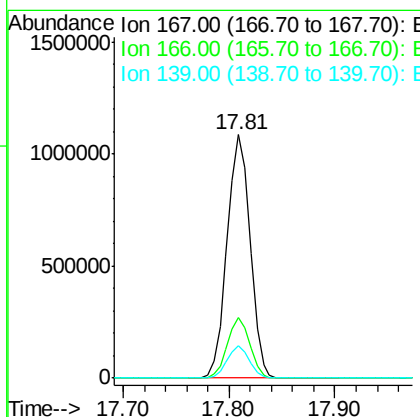
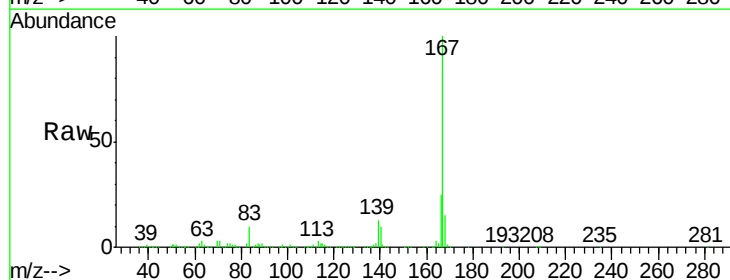
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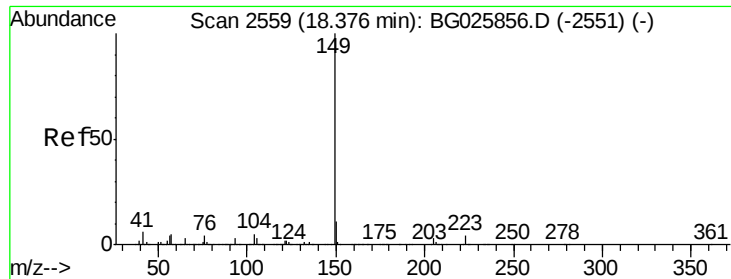
mohammad
 2/27/2017 1:07:10 PM



#72
 Carbazole
 Concen: 38.80 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion:167 Resp: 1634461
 Ion Ratio Lower Upper
 167 100
 166 24.9 20.2 30.2
 139 13.2 12.8 19.2





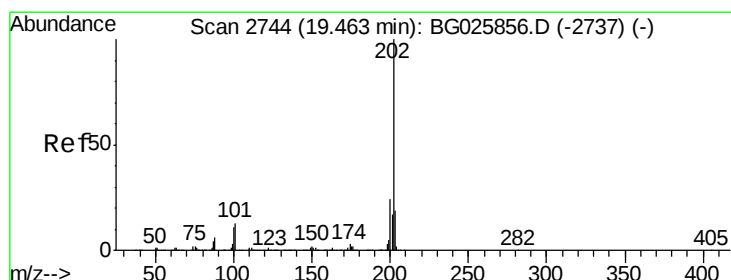
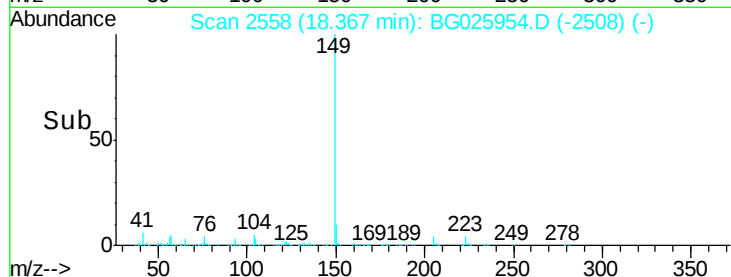
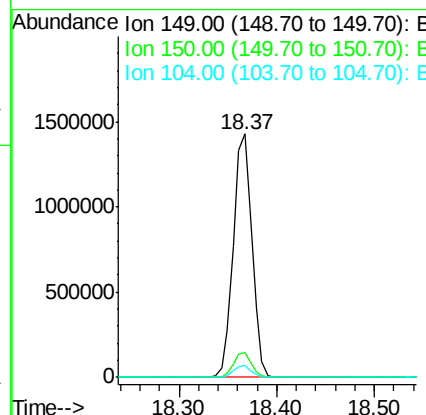
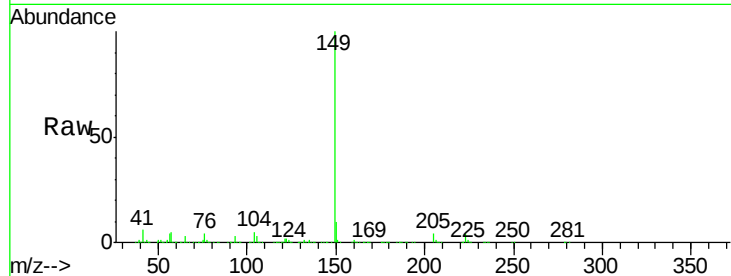
#73
Di-n-butylphthalate
Concen: 45.87 ng
RT: 18.37 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1896910		
150	10.1		9.1	13.7
104	4.7		6.7	10.1

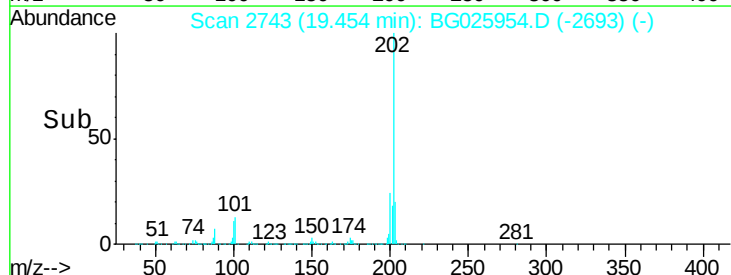
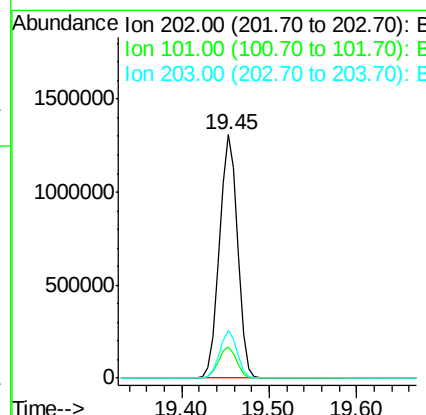
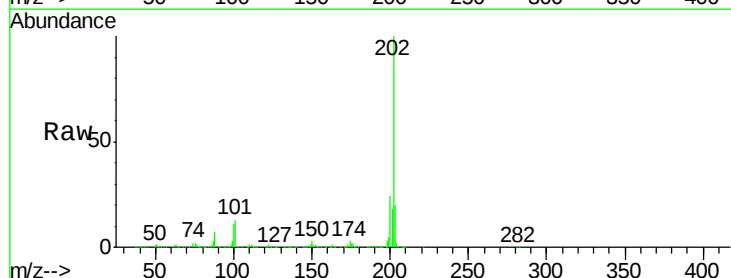
Manual Integrations
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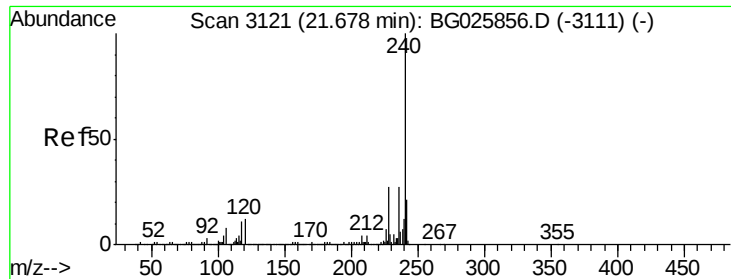
mohammad
2/27/2017 1:07:10 PM



#74
Fluoranthene
Concen: 41.64 ng
RT: 19.45 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1885648		
101	12.9		0.0	30.1
203	19.9		1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

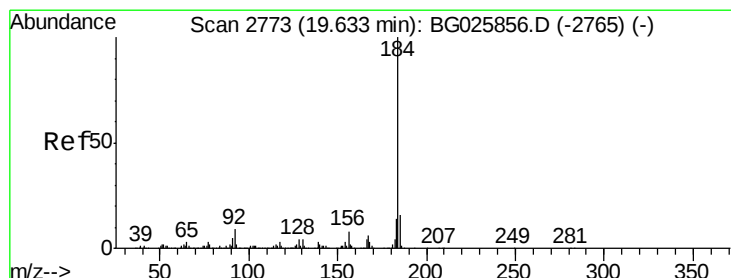
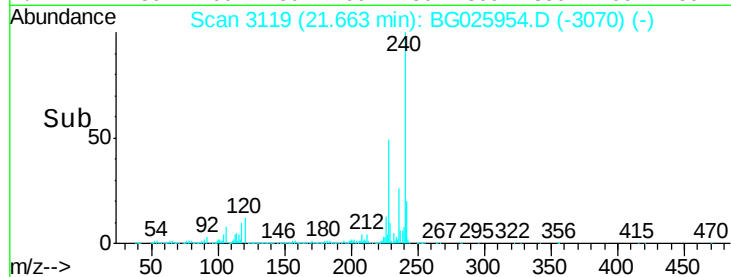
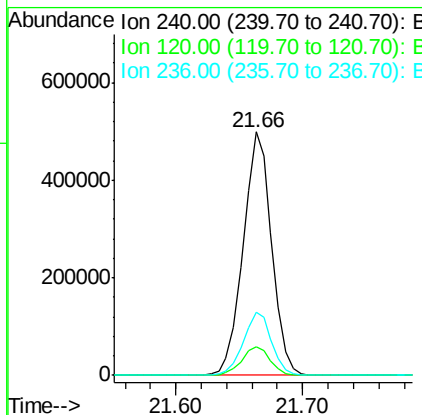
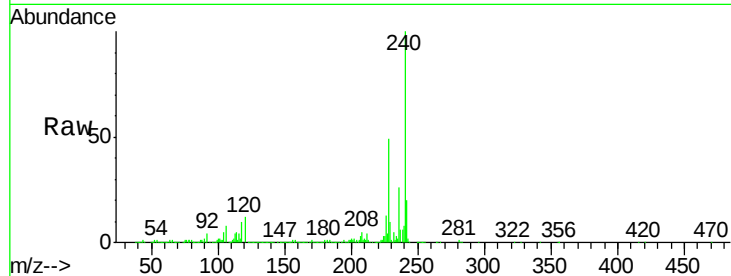
ClientSampleId :

PB97153BSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	25.8	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 19.57 ng

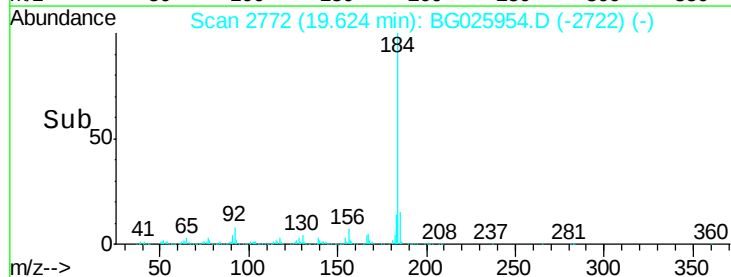
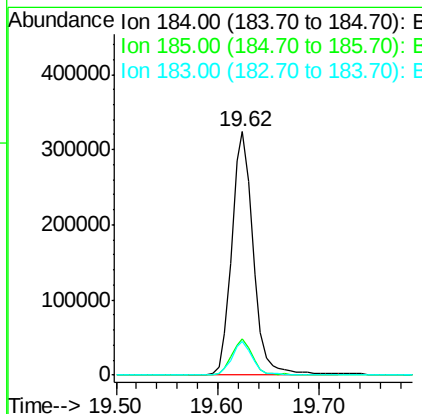
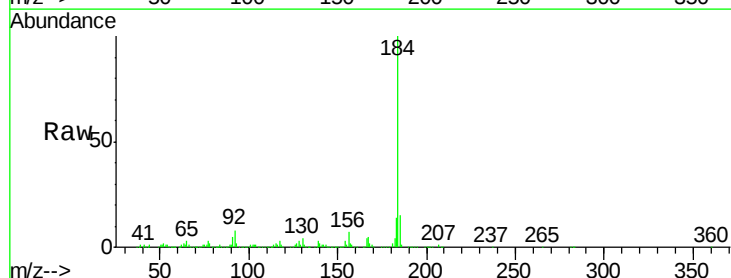
RT: 19.62 min Scan# 2772

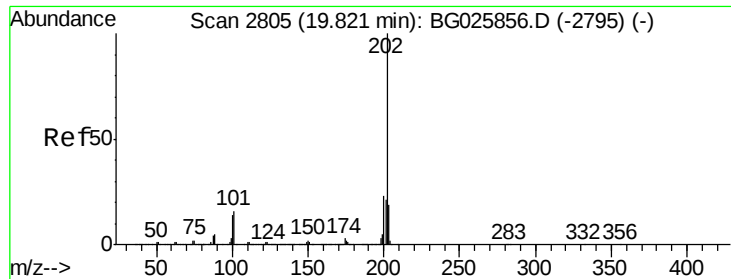
Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	13.6	11.0	16.6





#77

Pyrene

Concen: 39.10 ng

RT: 19.81 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

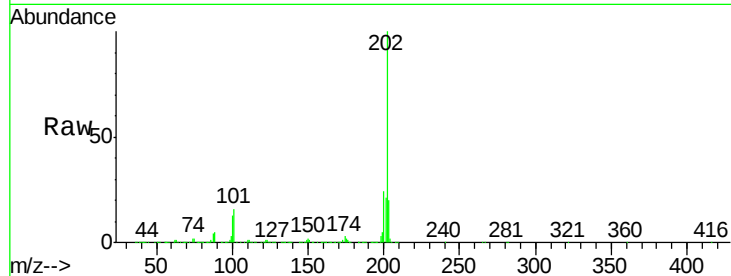
ClientSampleId :

PB97153BSD

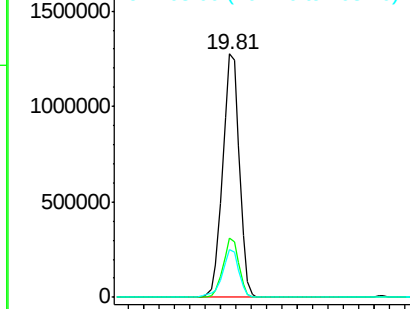
Tgt Ion:	202	Resp:	1913147
Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.6	29.4
203	19.7	15.8	23.8

Manual Integrations
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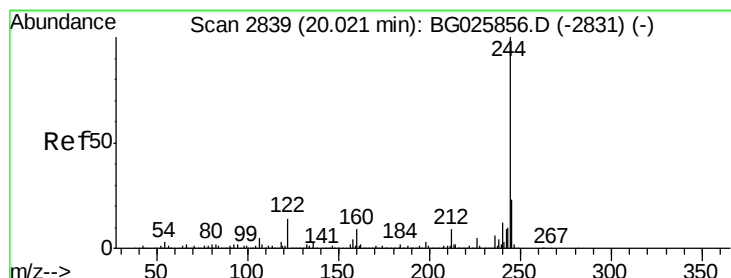
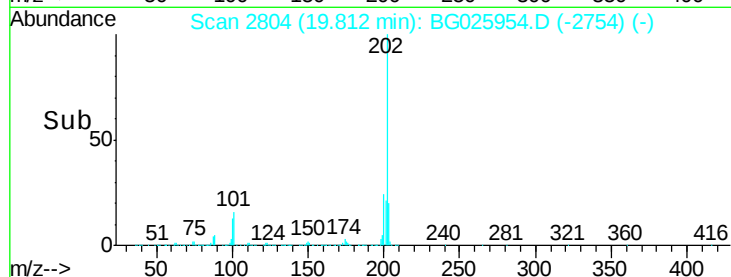
mohammad
2/27/2017 1:07:10 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.54 ng

RT: 20.01 min Scan# 2837

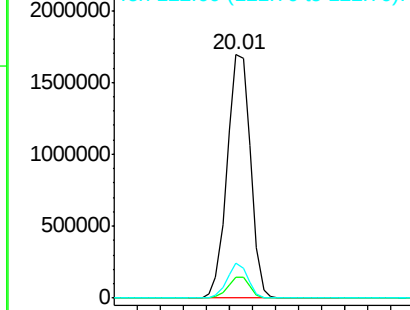
Delta R.T. -0.01 min

Lab File: BG025954.D

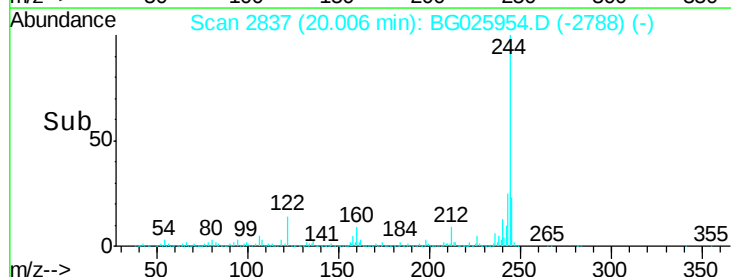
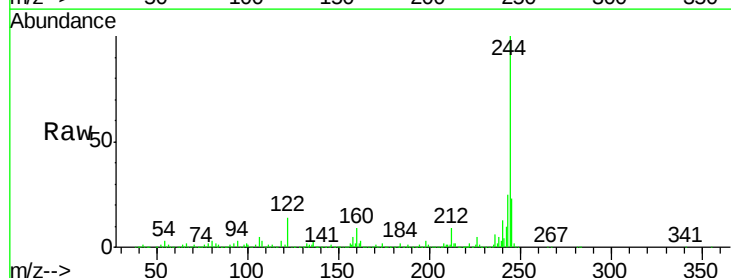
Acq: 25 Feb 2017 5:39

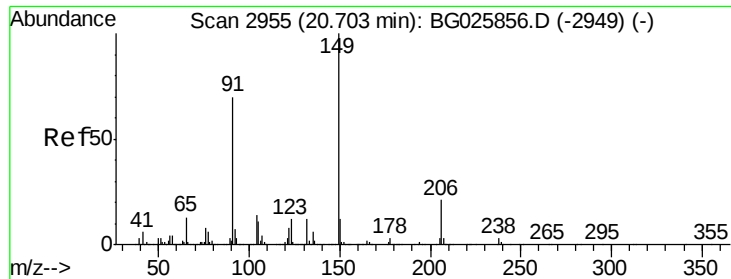
Tgt Ion:	244	Resp:	2371289
Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	14.1	8.6	12.8#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





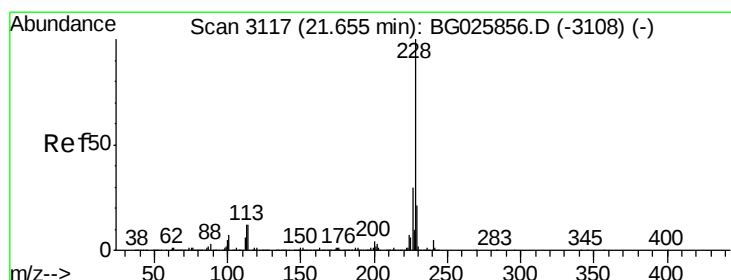
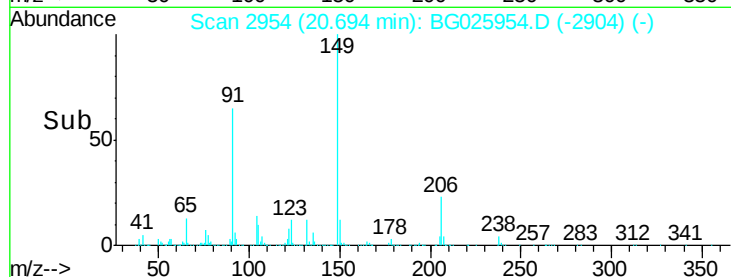
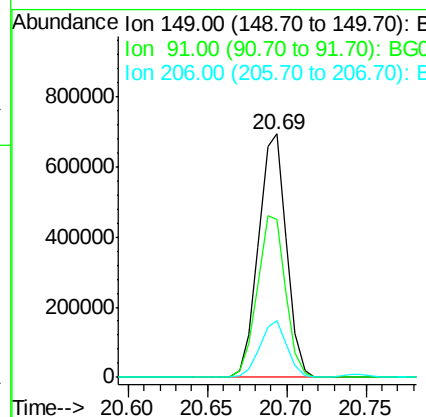
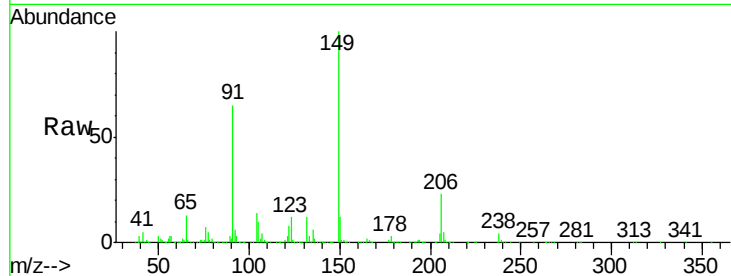
#79
Butylbenzylphthalate
Concen: 45.86 ng
RT: 20.69 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	851666		
91	65.0	63.5	95.3	
206	23.1	21.0	31.6	

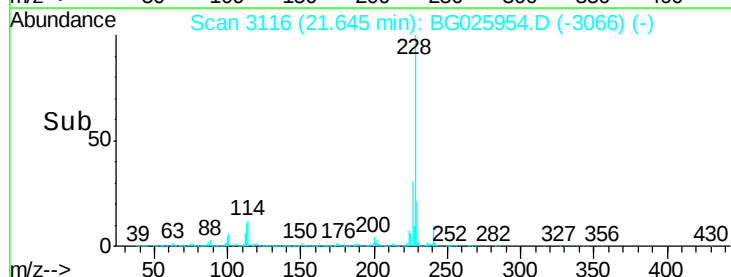
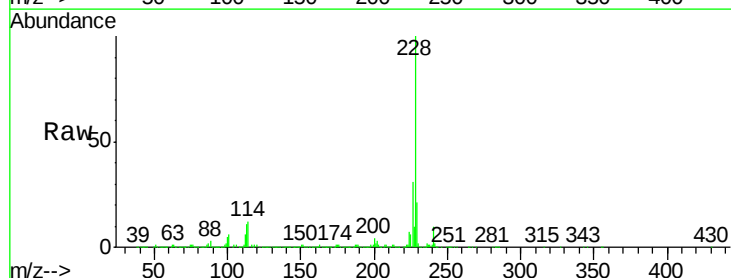
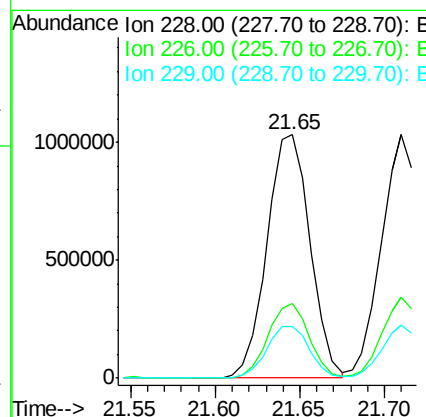
Manual Integrations
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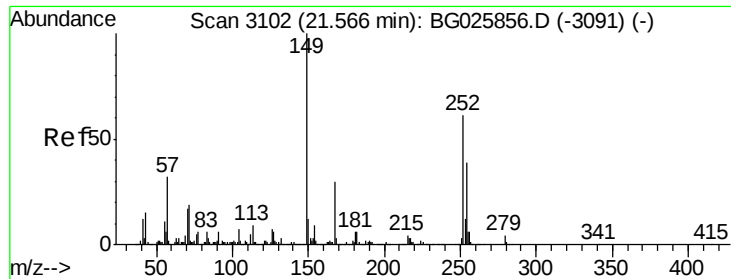
mohammad
2/27/2017 1:07:10 PM



#80
Benzo(a)anthracene
Concen: 40.53 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1831050		
226	30.6	24.9	37.3	
229	21.5	18.2	27.2	





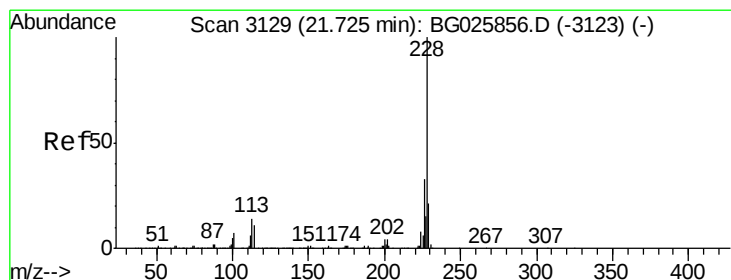
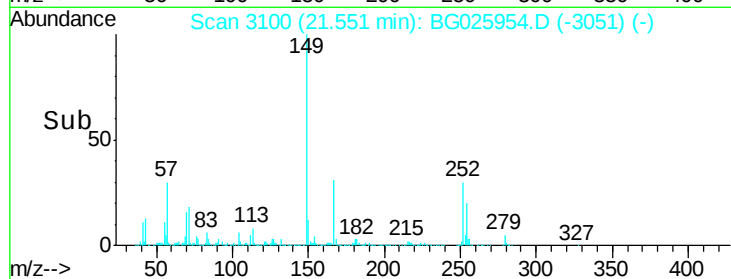
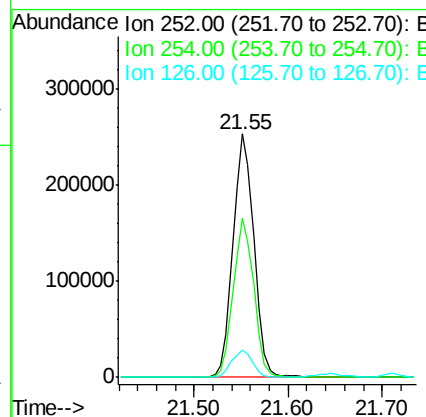
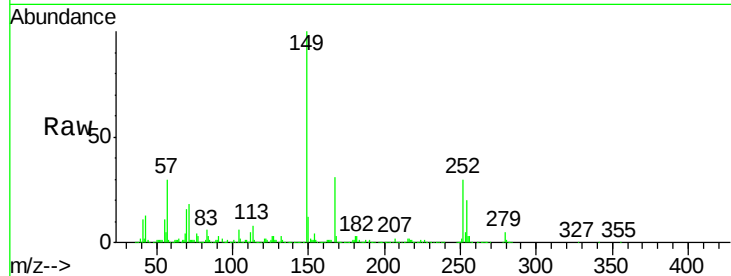
#81
 3,3'-Dichlorobenzidine
 Concen: 24.38 ng
 RT: 21.55 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	392671		
254	65.6	53.1	79.7	
126	11.4	7.0	10.4	

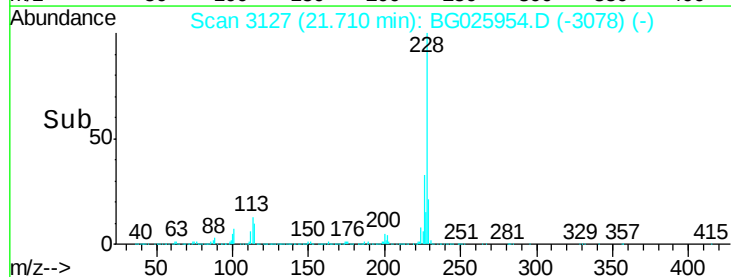
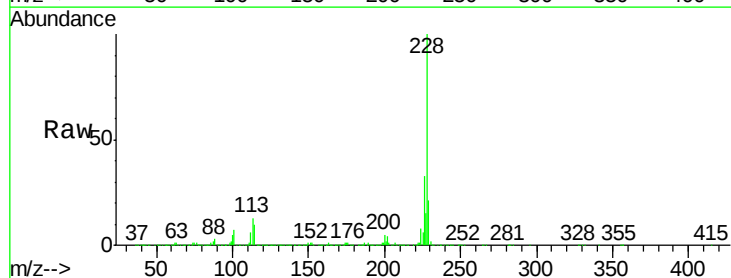
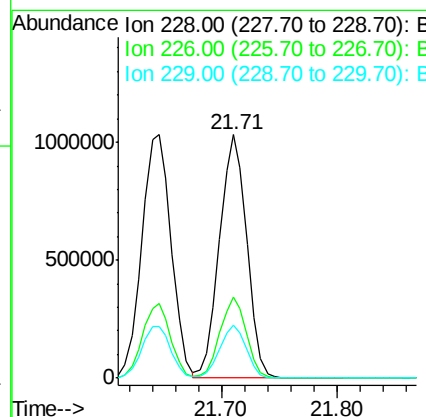
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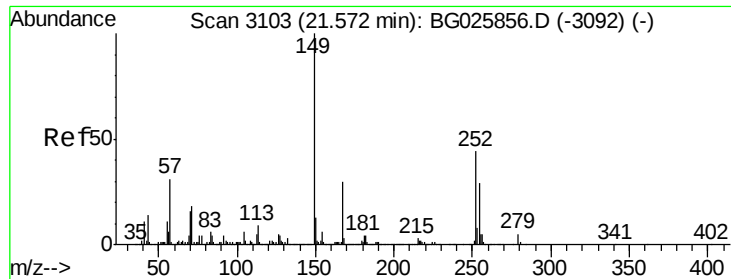
mohammad
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#82
 Chrysene
 Concen: 38.63 ng
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1678292		
226	33.3	27.0	40.4	
229	21.5	17.8	26.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.88 ng

RT: 21.55 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:149 Resp: 1203461

Ion Ratio Lower Upper

149 100

167 31.1 23.7 35.5

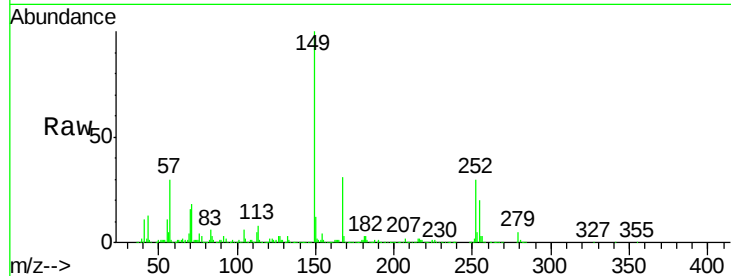
279 4.8 4.6 6.8

Manual Integrations

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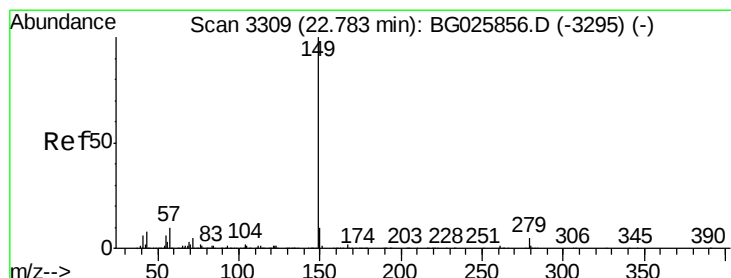
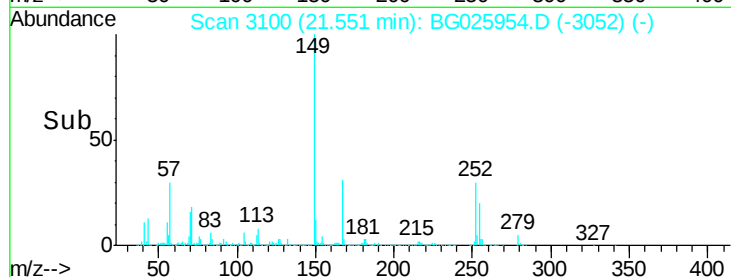
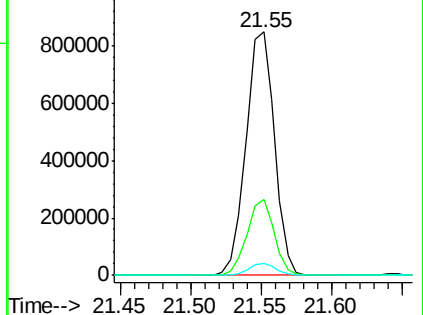
2/27/2017 1:07:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.63 ng

RT: 22.75 min Scan# 3304

Delta R.T. -0.03 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

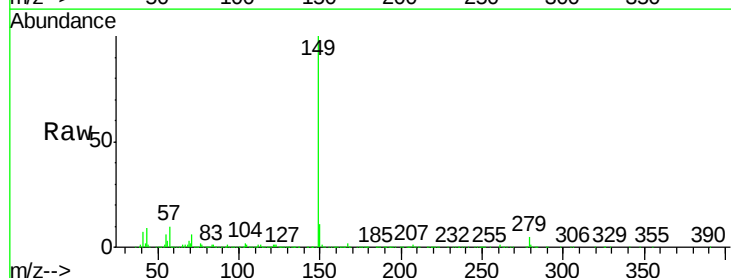
Tgt Ion:149 Resp: 2065072

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

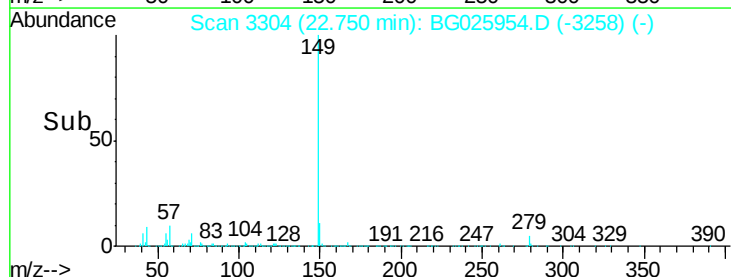
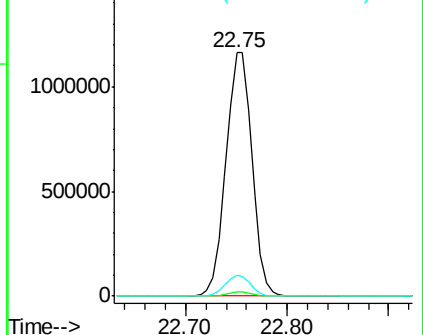
43 8.3 11.8 17.6#

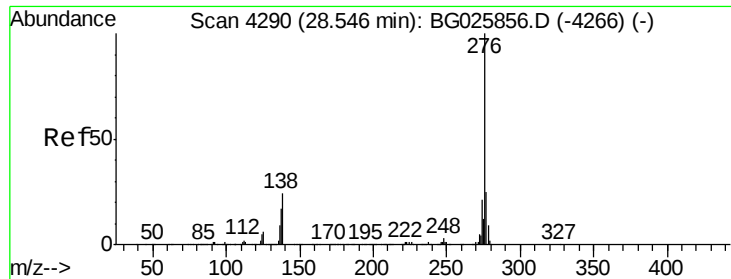


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.97 ng

RT: 28.53 min Scan# 4288

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

ClientSampleId :

PB97153BSD

Tgt Ion:276 Resp: 2198774

Ion Ratio Lower Upper

276 100

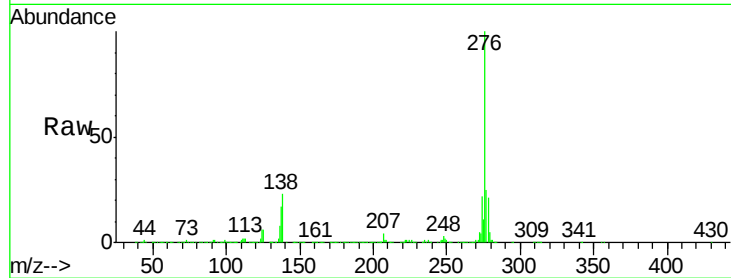
138 27.7 4.7 7.1#

277 26.0 20.6 31.0

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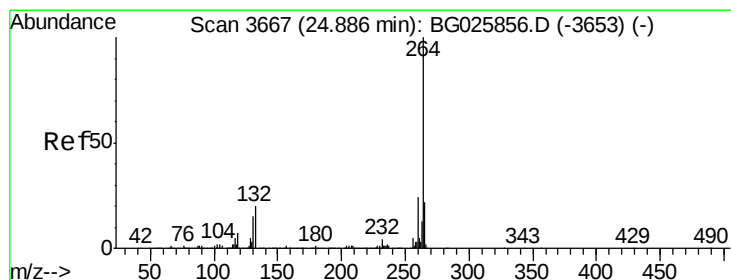
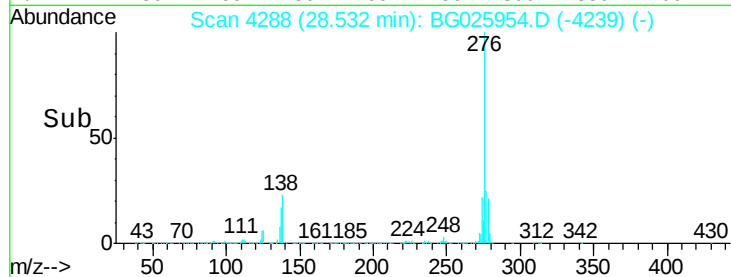
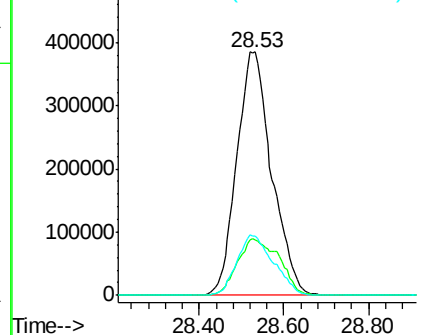
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

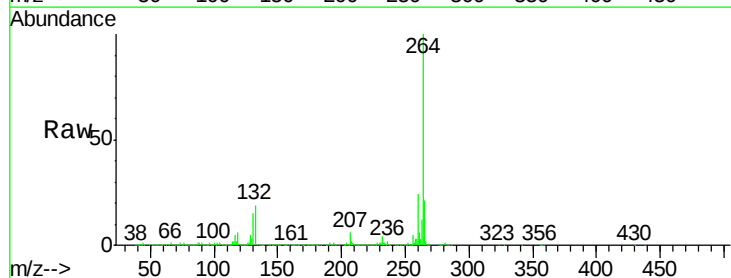
Tgt Ion:264 Resp: 756468

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

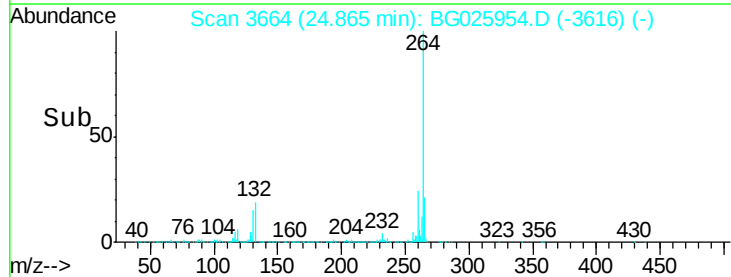
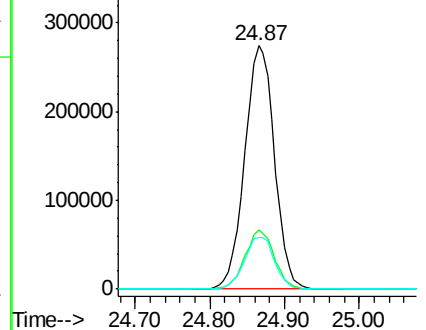
265 21.2 18.2 27.4

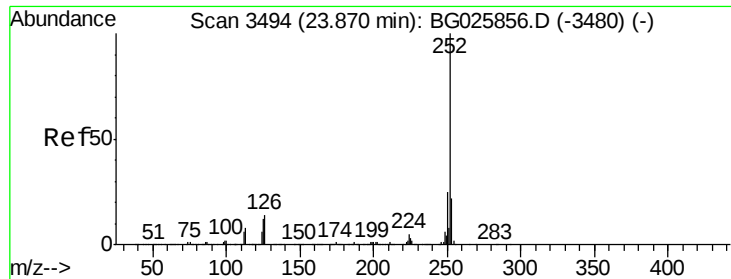


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.15 ng

RT: 23.85 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Instrument :

BNA_G

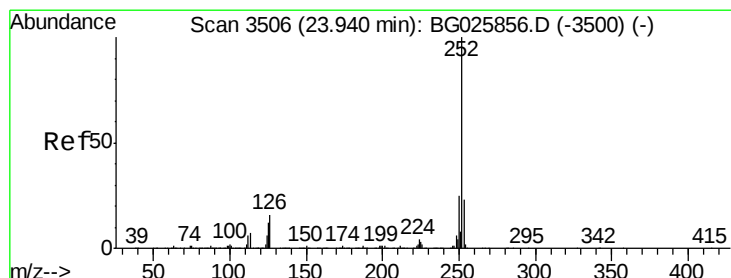
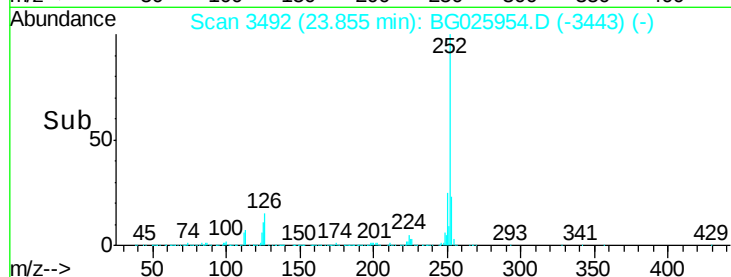
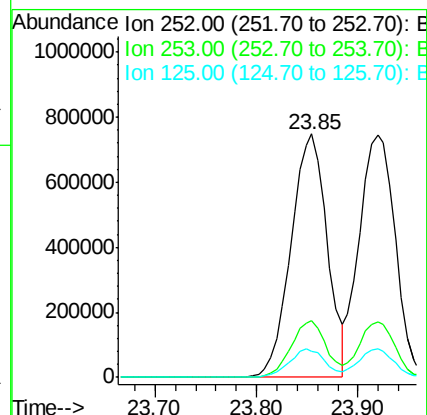
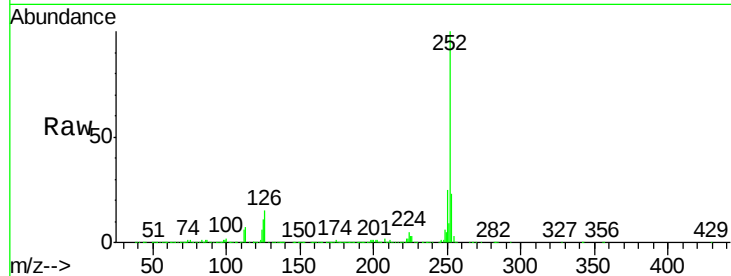
ClientSampleId :

PB97153BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	10.9	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.44 ng

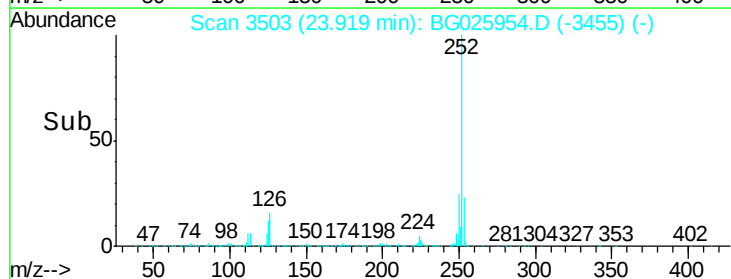
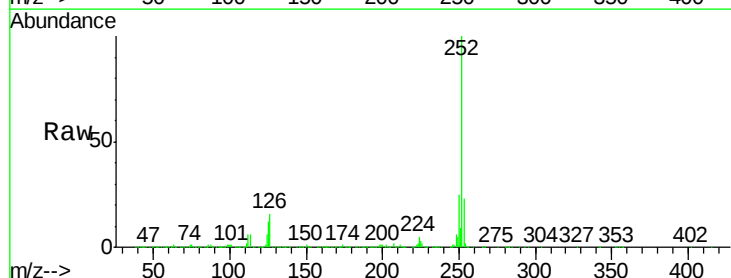
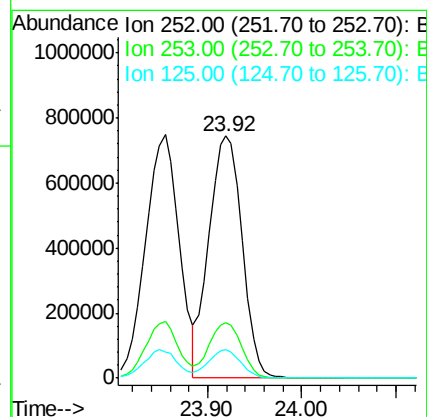
RT: 23.92 min Scan# 3503

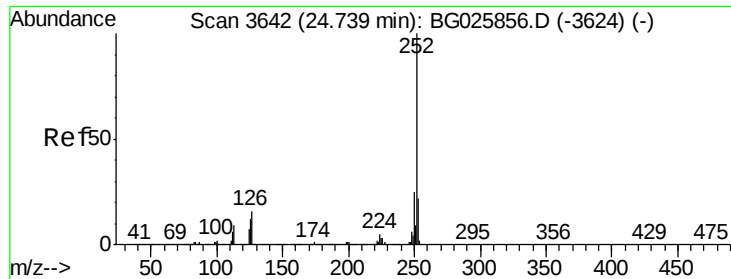
Delta R.T. -0.02 min

Lab File: BG025954.D

Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	12.0	5.1	7.7#





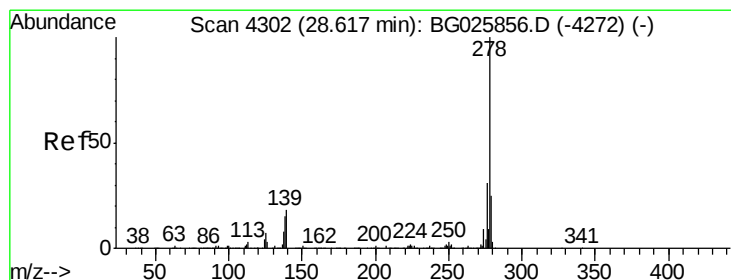
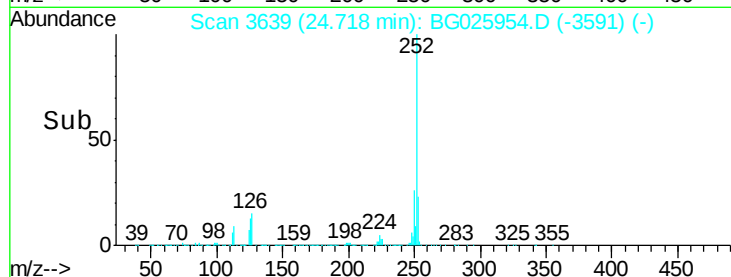
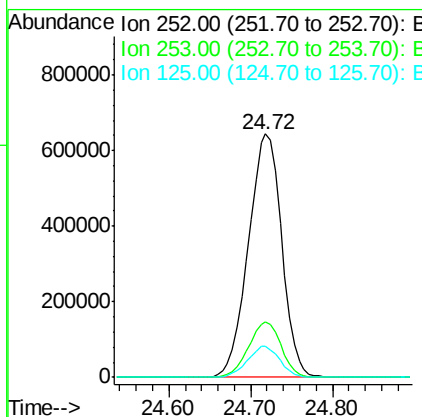
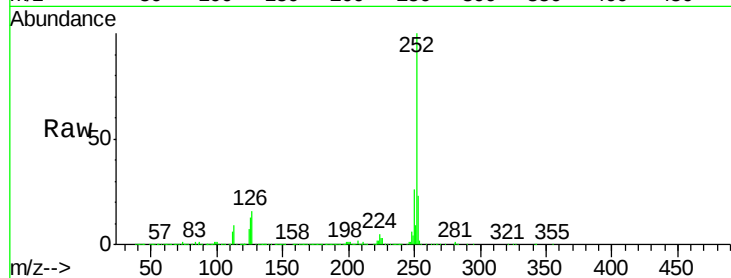
#89
Benzo(a)pyrene
Concen: 42.43 ng
RT: 24.72 min Scan# 3639
Delta R.T. -0.02 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Instrument :
BNA_G
ClientSampleId :
PB97153BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	12.7	5.4	8.0

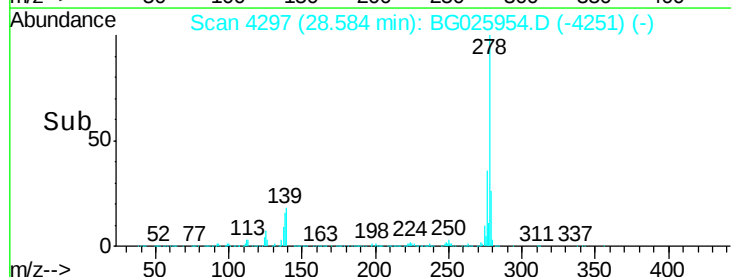
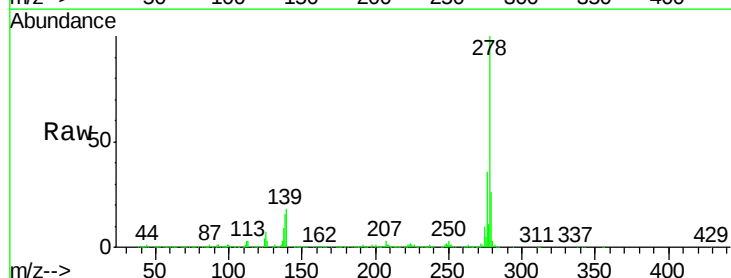
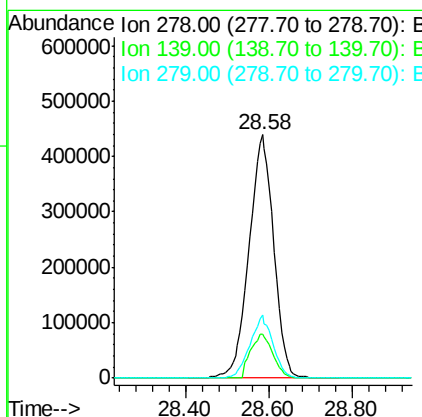
Manual Integrations
APPROVED

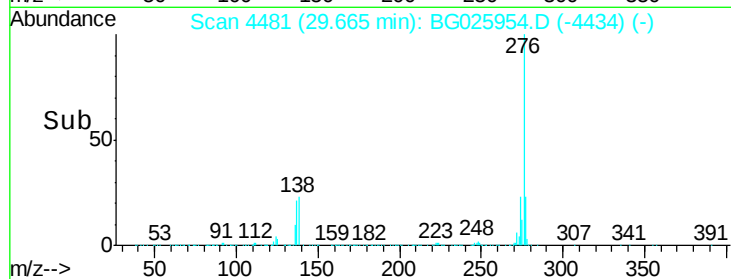
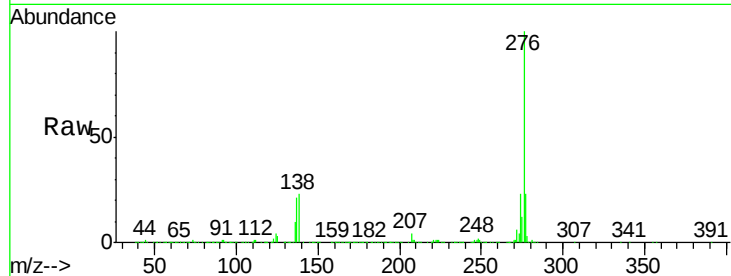
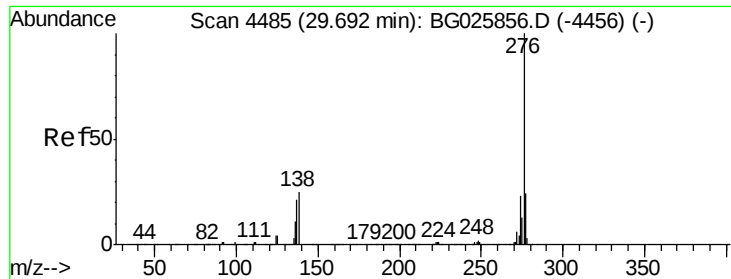
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.04 ng
RT: 28.58 min Scan# 4297
Delta R.T. -0.03 min
Lab File: BG025954.D
Acq: 25 Feb 2017 5:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	7.7	11.5
279	25.7	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.02 ng
 RT: 29.67 min Scan# 4481
 Delta R.T. -0.03 min
 Lab File: BG025954.D
 Acq: 25 Feb 2017 5:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	22.8	8.1	12.1

Manual Integrations
 APPROVED

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