

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027746.D
 Acq On : 29 Jun 2017 18:34
 Operator : SJ/JU
 Sample : PB100123BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Manual Integrations
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 6/30/2017 2:50:42 PM

Quant Time: Jun 30 05:32:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	33539	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	170710	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	107932	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	261137	20.00	ng	0.00
75) Chrysene-d12	22.18	240	287328	20.00	ng	0.00
86) Perylene-d12	25.79	264	271645	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	311743	143.13	ng	0.00
7) Phenol-d6	7.62	99	452580	136.02	ng	0.00
23) Nitrobenzene-d5	9.64	82	256529	83.76	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	208512	140.85	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	657643	87.02	ng	0.00
78) Terphenyl-d14	20.39	244	1088390	88.80	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.05	88	26605	32.81	ng	89
3) Pyridine	4.42	79	83807	33.56	ng	92
4) n-Nitrosodimethylamine	4.33	42	46328	37.84	ng	82
6) Aniline	7.80	93	105079	27.24	ng	99
8) 2-Chlorophenol	8.04	128	113786	46.75	ng	91
9) Benzaldehyde	7.62	77	50246	25.38	ng	88
10) Phenol	7.65	94	155349	47.19	ng	82
11) bis(2-Chloroethyl)ether	7.88	93	95765	38.30	ng	94
12) 1,3-Dichlorobenzene	8.36	146	103823	40.11	ng	# 93
13) 1,4-Dichlorobenzene	8.51	146	106414	39.67	ng	96
14) 1,2-Dichlorobenzene	8.83	146	105467	40.55	ng	90
15) Benzyl Alcohol	8.71	79	94733	41.16	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.98	45	216083	40.52	ng	97
17) 2-Methylphenol	8.90	107	106141	45.57	ng	# 86
18) Hexachloroethane	9.56	117	36854	39.06	ng	# 78
19) n-Nitroso-di-n-propylamine	9.26	70	92952	38.40	ng	93
20) 3+4-Methylphenols	9.22	107	145540	43.33	ng	87
22) Acetophenone	9.29	105	165209	40.11	ng	# 88
24) Nitrobenzene	9.69	77	130704	40.82	ng	# 85
25) Isophorone	10.20	82	258669	38.75	ng	# 94
26) 2-Nitrophenol	10.40	139	62114	42.95	ng	# 76
27) 2,4-Dimethylphenol	10.43	122	124760	46.06	ng	91
28) bis(2-Chloroethoxy)methane	10.67	93	148128	39.14	ng	98
29) 2,4-Dichlorophenol	10.93	162	111624	47.02	ng	98
30) 1,2,4-Trichlorobenzene	11.15	180	99068	40.92	ng	94
31) Naphthalene	11.34	128	361714	39.84	ng	97
32) Benzoic acid	10.56	122	54888	35.89	ng	# 81
33) 4-Chloroaniline	11.46	127	19725	5.03	ng	# 84
34) Hexachlorobutadiene	11.61	225	55658	41.26	ng	97
35) Caprolactam	12.21	113	48475m	40.60	ng	
36) 4-Chloro-3-methylphenol	12.53	107	146955	43.99	ng	93
37) 2-Methylnaphthalene	12.91	142	277084	40.98	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	120761	42.58	ng	# 97
40) Hexachlorocyclopentadiene	13.25	237	153435	114.74	ng	92

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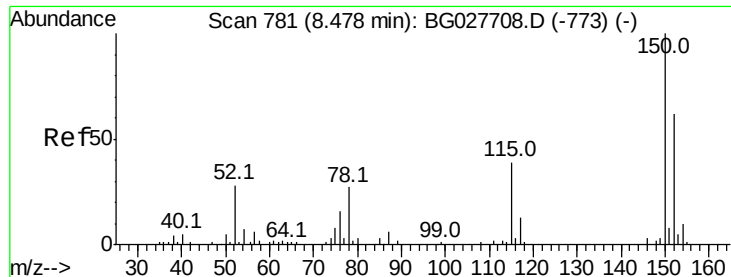
Manual Integrations
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 6/30/2017 2:50:42 PM

Quant Time: Jun 30 05:32:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	91760	44.79	nq	95
43) 2,4,5-Trichlorophenol	13.58	196	103069	44.41	nq #	94
45) 1,1'-Biphenyl	13.90	154	363446	42.01	nq	97
46) 2-Chloronaphthalene	13.95	162	272085	41.63	nq	99
47) 2-Nitroaniline	14.15	65	111044	42.45	nq #	86
48) Acenaphthylene	14.79	152	474871	39.77	nq	97
49) Dimethylphthalate	14.50	163	386305	41.96	nq	98
50) 2,6-Dinitrotoluene	14.63	165	83944	41.94	nq #	79
51) Acenaphthene	15.13	154	299738	39.16	nq	96
52) 3-Nitroaniline	14.96	138	42210	17.93	nq	82
53) 2,4-Dinitrophenol	15.16	184	92179	83.50	nq	93
54) Dibenzofuran	15.46	168	440396	43.52	nq	97
55) 4-Nitrophenol	15.26	139	161223	89.70	nq #	59
56) 2,4-Dinitrotoluene	15.42	165	123287	44.16	nq #	87
57) Fluorene	16.11	166	393056	40.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	94126m	47.04	nq	
59) Diethylphthalate	15.85	149	426099	41.79	nq	94
60) 4-Chlorophenyl-phenylether	16.08	204	180174	41.48	nq	92
61) 4-Nitroaniline	16.13	138	103931	42.37	nq #	64
62) Azobenzene	16.38	77	398059	44.43	nq	94
64) 4,6-Dinitro-2-methylphenol	16.18	198	66717	41.83	nq	83
65) n-Nitrosodiphenylamine	16.30	169	349853	41.18	nq	98
66) 4-Bromophenyl-phenylether	16.98	248	117230	42.92	nq	91
67) Hexachlorobenzene	17.11	284	123013	42.53	nq	96
68) Atrazine	17.24	200	120613	44.97	nq	96
69) Pentachlorophenol	17.45	266	150233	81.25	nq	98
70) Phenanthrene	17.85	178	634072	42.06	nq	95
71) Anthracene	17.95	178	643762	42.29	nq	97
72) Carbazole	18.21	167	586966	39.15	nq	96
73) Di-n-butylphthalate	18.73	149	743330	45.12	nq #	94
74) Fluoranthene	19.85	202	715444	43.42	nq	93
76) Benzidine	20.02	184	309371	45.42	nq	96
77) Pyrene	20.21	202	736872	40.87	nq	95
79) Butylbenzylphthalate	21.08	149	348942	42.97	nq #	87
80) Benzo(a)anthracene	22.15	228	725415	41.76	nq	95
81) 3,3'-Dichlorobenzidine	22.05	252	136124	21.59	nq #	98
82) Chrysene	22.23	228	667239	40.98	nq	95
83) Bis(2-ethylhexyl)phthalate	22.01	149	500821	42.20	nq #	94
84) Di-n-octyl phthalate	23.35	149	855825	43.65	nq #	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	812255	43.65	nq #	87
87) Benzo(b)fluoranthene	24.63	252	724712	41.41	nq #	95
88) Benzo(k)fluoranthene	24.70	252	689405	39.85	nq #	93
89) Benzo(a)pyrene	25.61	252	683951	41.65	nq #	93
90) Dibenzo(a,h)anthracene	30.02	278	685267	41.19	nq #	93
91) Benzo(g,h,i)perylene	31.25	276	655959	41.03	nq #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion:152 Resp: 33539

Ion Ratio Lower Upper

152 100

150 145.2 114.0 171.0

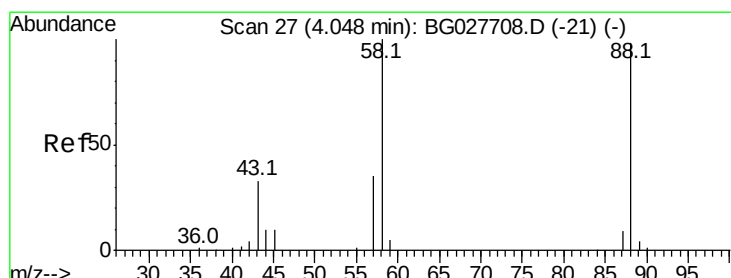
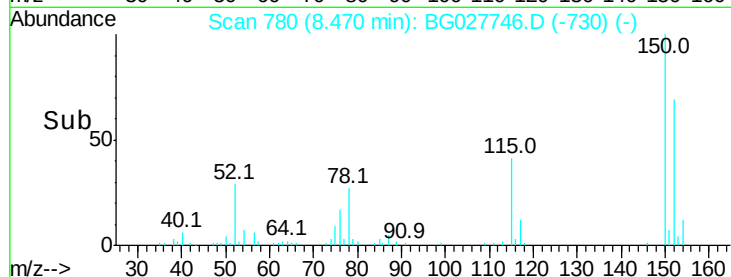
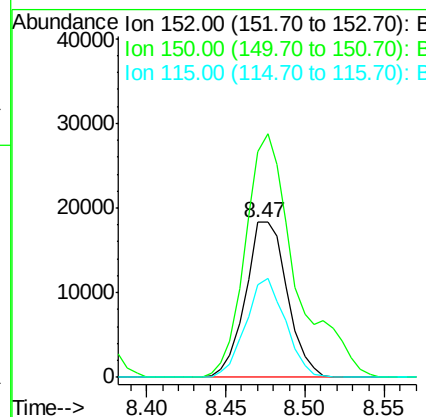
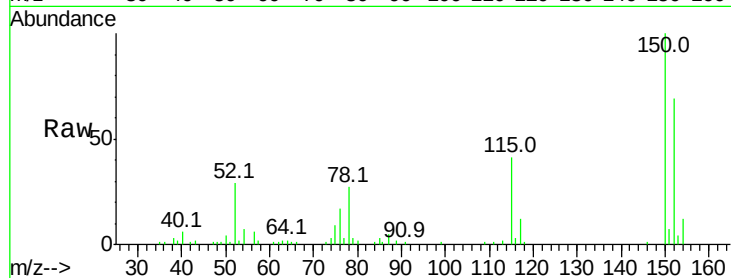
115 59.3 48.1 72.1

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#2

1,4-Dioxane

Concen: 32.81 ng

RT: 4.05 min Scan# 27

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

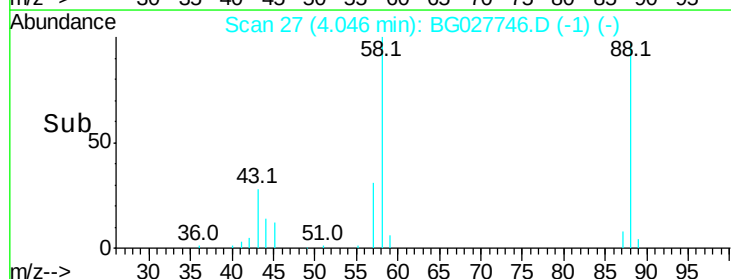
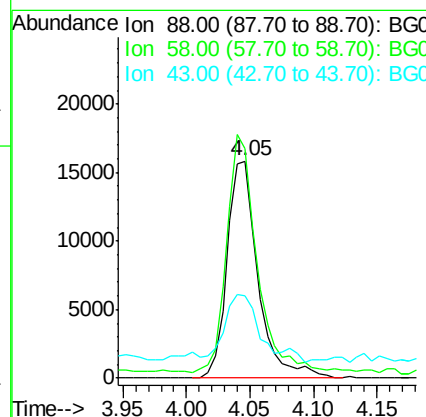
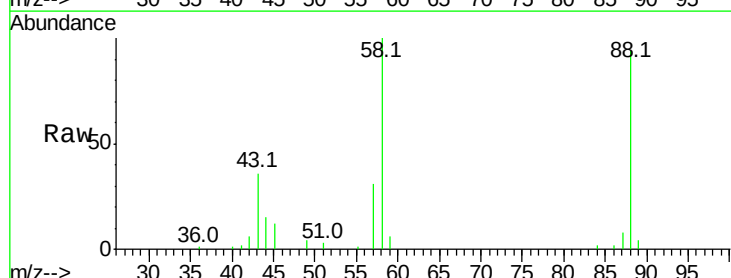
Tgt Ion: 88 Resp: 26605

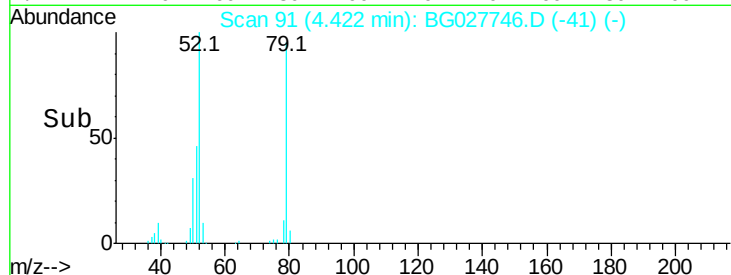
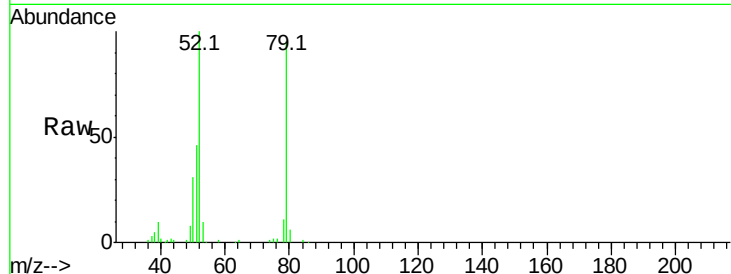
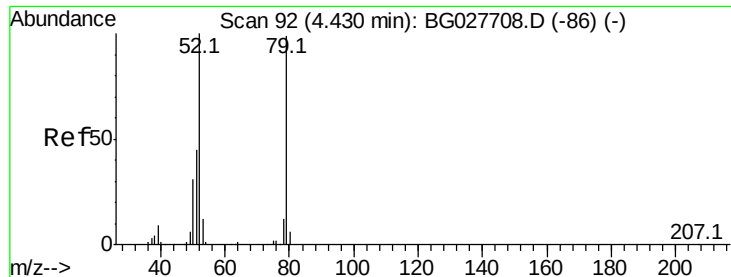
Ion Ratio Lower Upper

88 100

58 109.7 79.4 119.2

43 33.8 33.8 50.6





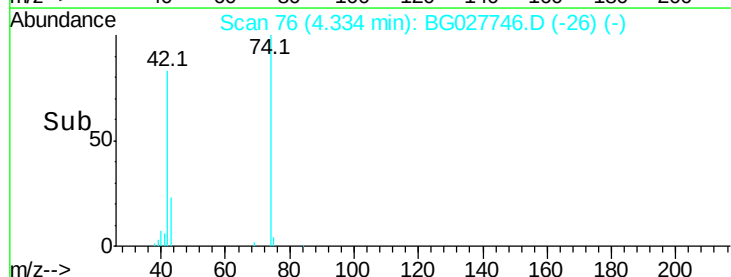
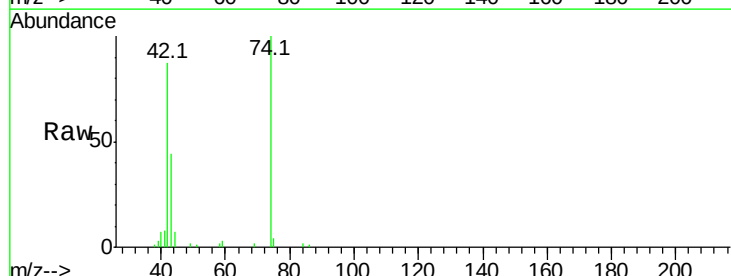
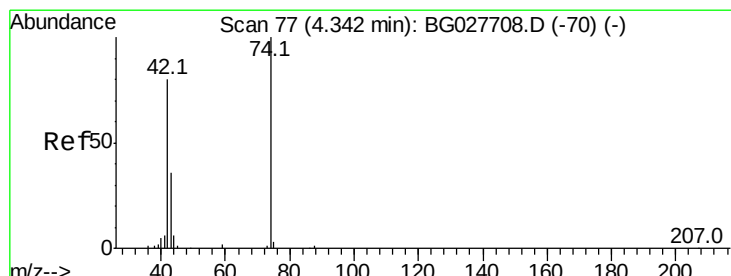
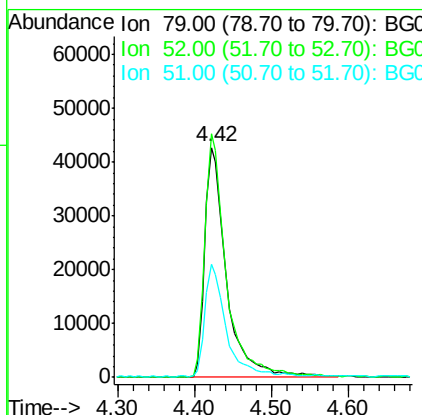
#3
 Pvridine
 Concen: 33.56 ng
 RT: 4.42 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	105.8	77.8	116.6
51	49.0	43.2	64.8

Instrument :
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 PB100123BS

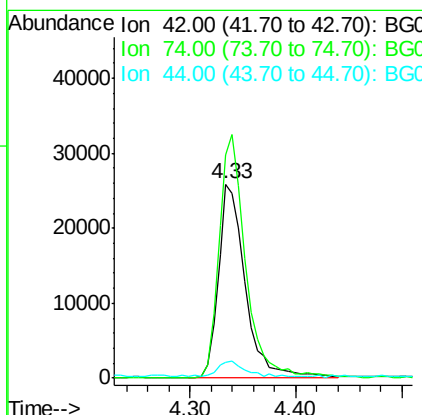
Manual Integrations
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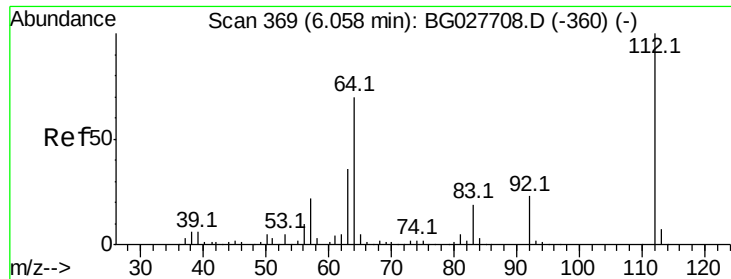
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#4
 n-Nitrosodimethylamine
 Concen: 37.84 ng
 RT: 4.33 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.1	76.7	115.1
44	8.0	6.1	9.1





#5

2-Fluorophenol

Concen: 143.13 ng

RT: 6.06 min Scan# 370

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

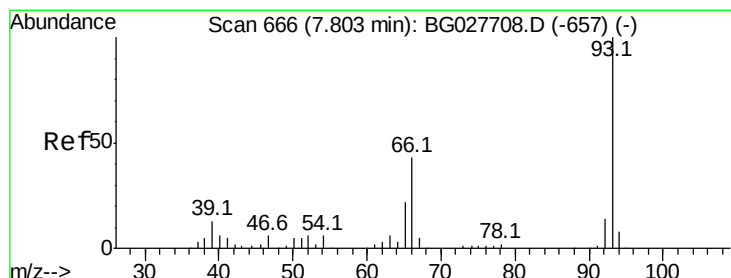
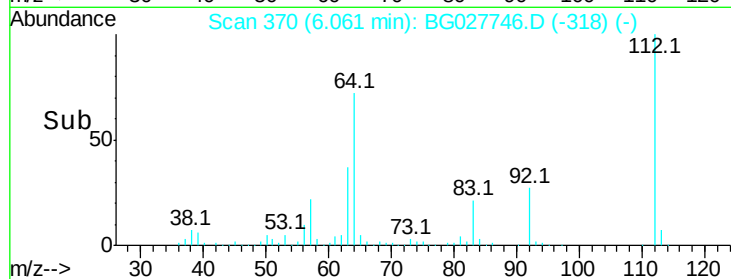
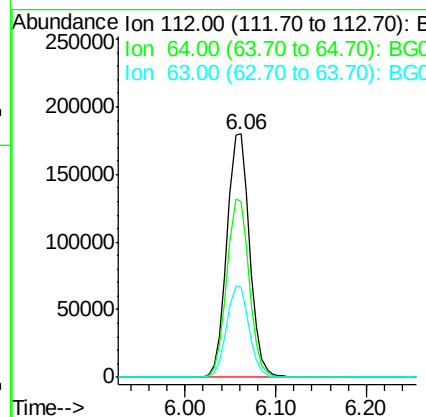
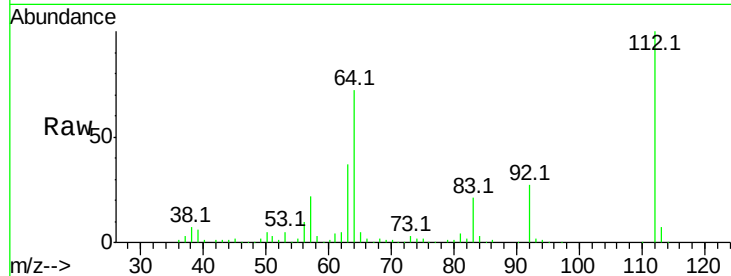
ClientSampleId :

PB100123BS

Tot Ion:	112	Resp:	311743
Ion Ratio	Lower	Upper	
112	100		
64	72.2	61.8	92.6
63	36.8	37.2	55.8#

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#6

Aniline

Concen: 27.24 ng

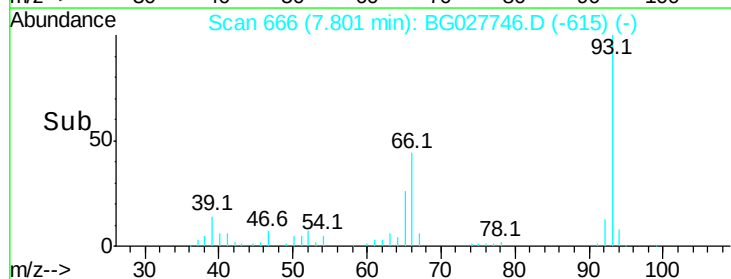
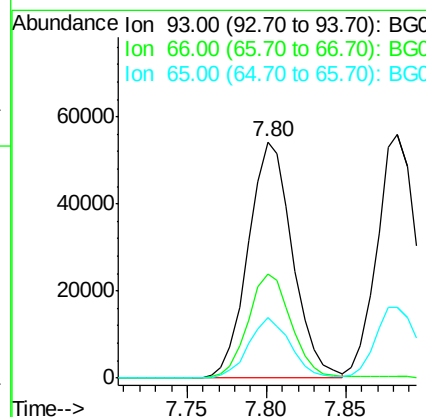
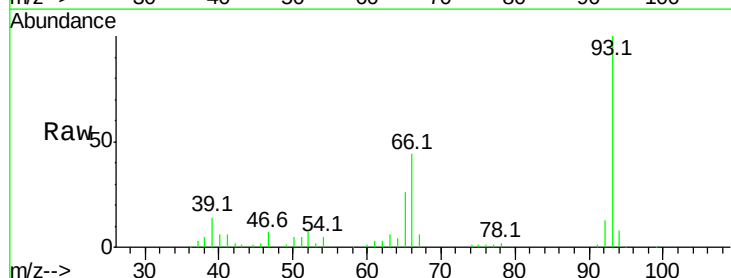
RT: 7.80 min Scan# 666

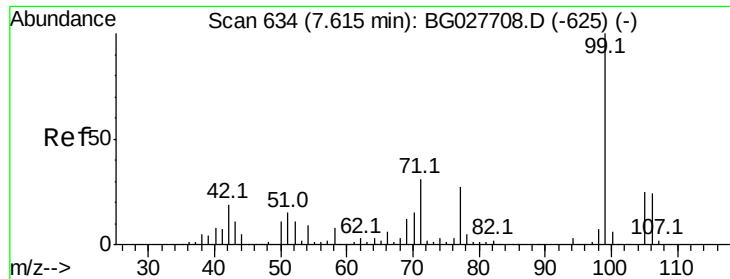
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	93	Resp:	105079
Ion Ratio	Lower	Upper	
93	100		
66	43.8	35.4	53.2
65	25.7	21.2	31.8





#7

Phenol-d6

Concen: 136.02 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion: 99 Resp: 452580

Ion Ratio Lower Upper

99 100

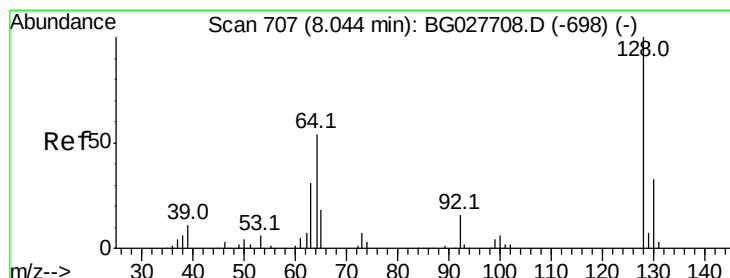
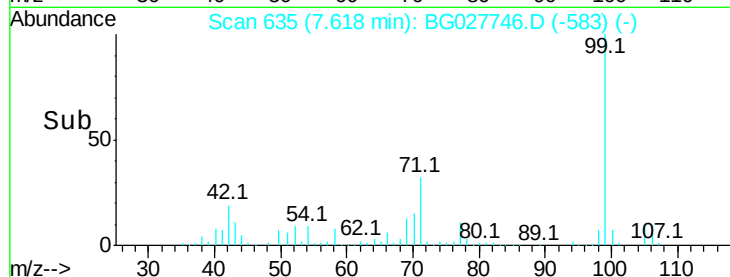
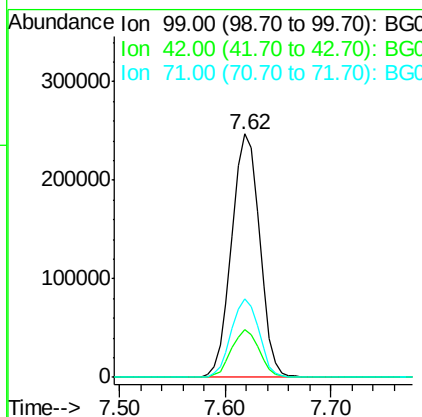
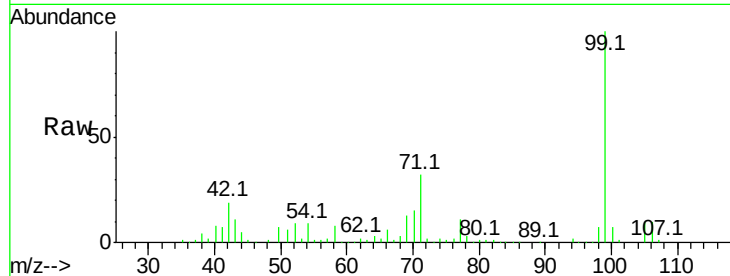
42 19.4 20.5 30.7#

71 32.4 37.6 56.4#

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#8

2-Chlorophenol

Concen: 46.75 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

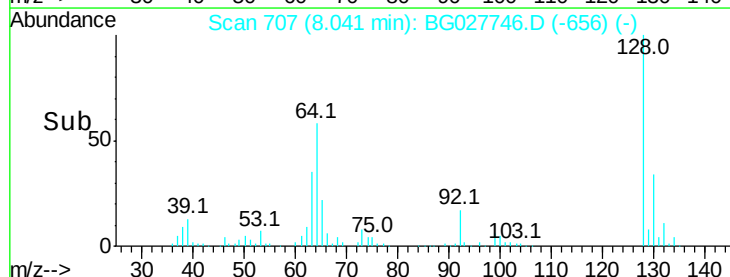
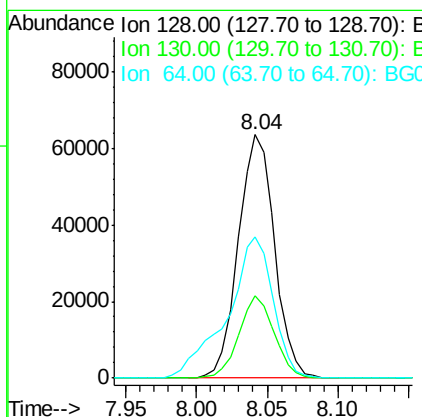
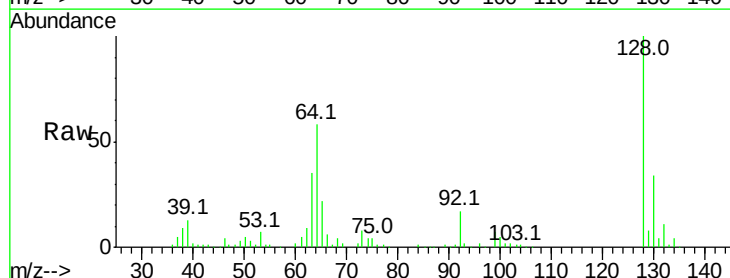
Tgt Ion: 128 Resp: 113786

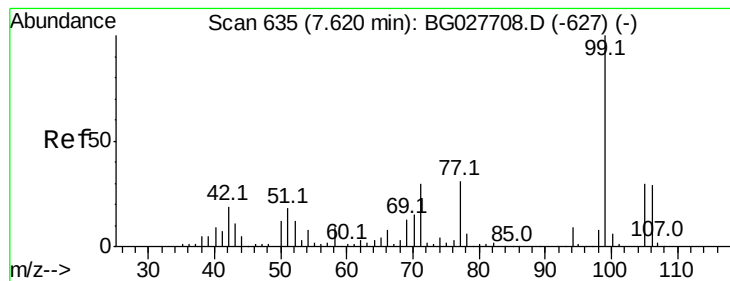
Ion Ratio Lower Upper

128 100

130 33.8 11.4 51.4

64 58.2 46.6 86.6





#9

Benzaldehyde

Concen: 25.38 ng

RT: 7.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion: 77 Resp: 50246

Ion Ratio Lower Upper

77 100

105 89.4 60.9 100.9

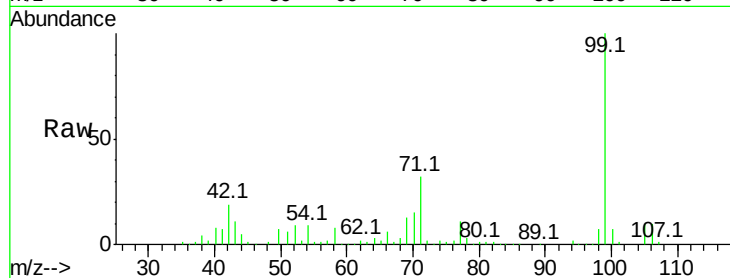
106 87.3 55.1 95.1

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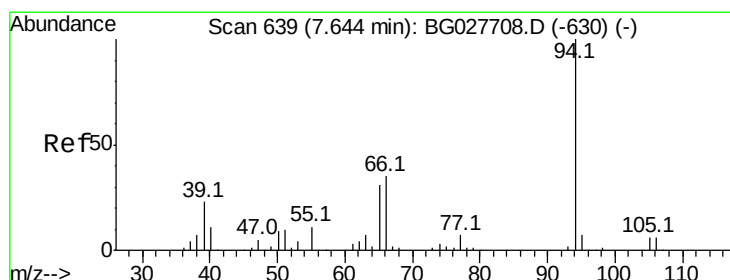
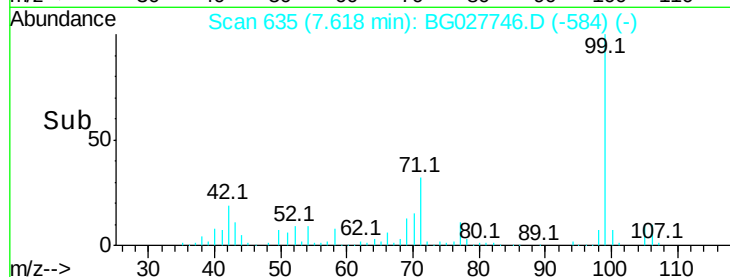
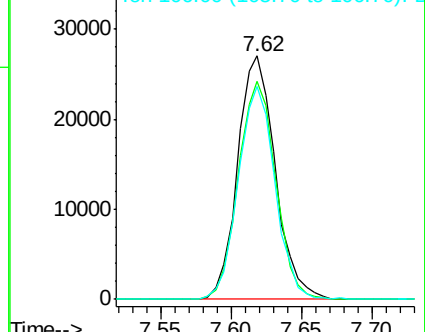
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.19 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

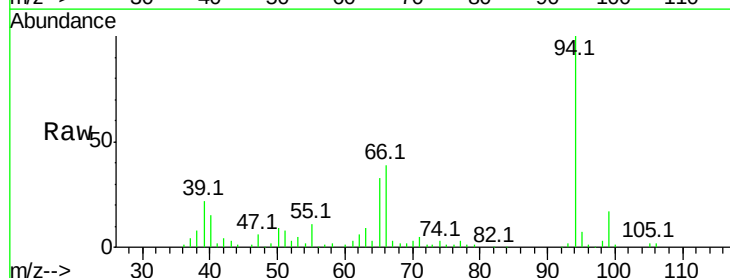
Tgt Ion: 94 Resp: 155349

Ion Ratio Lower Upper

94 100

65 33.2 20.6 60.6

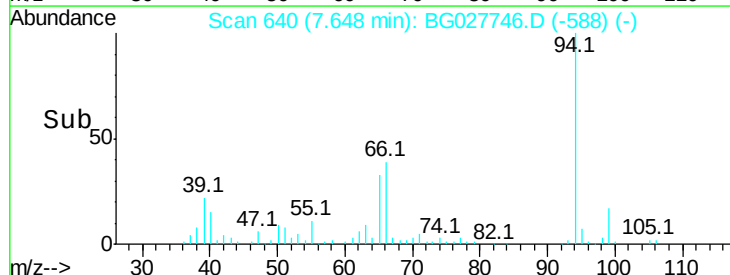
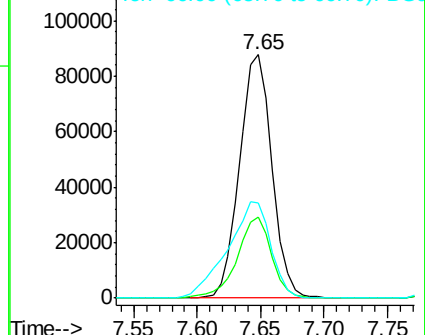
66 39.3 35.5 75.5

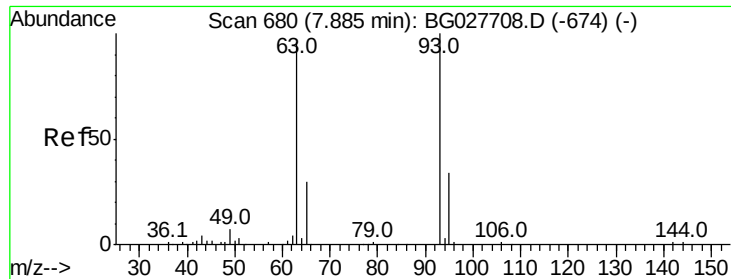


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





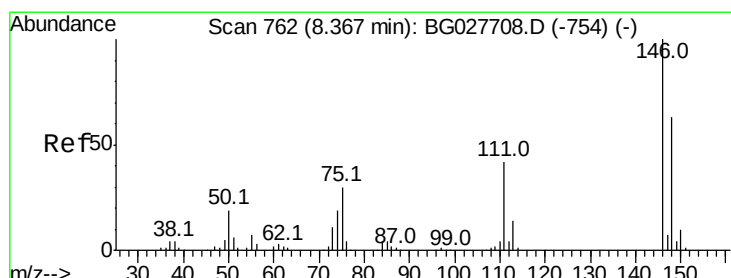
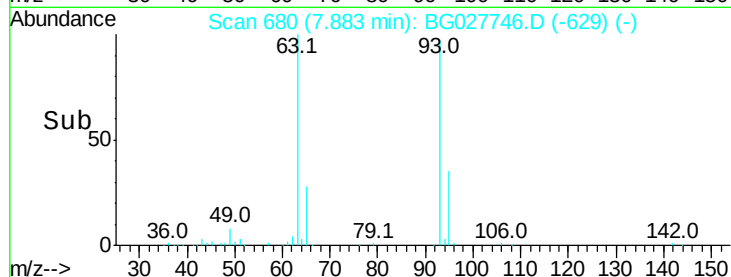
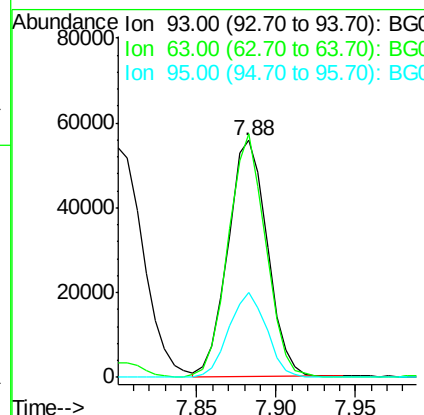
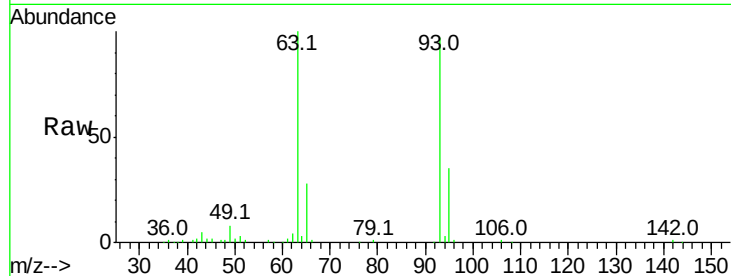
#11
bis(2-Chloroethyl)ether
Concen: 38.30 ng
RT: 7.88 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	102.7	78.5	118.5
95	35.6	9.8	49.8

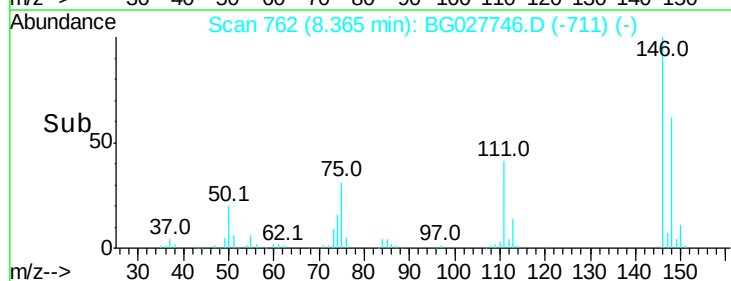
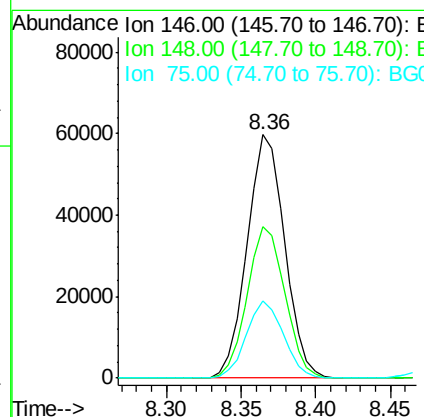
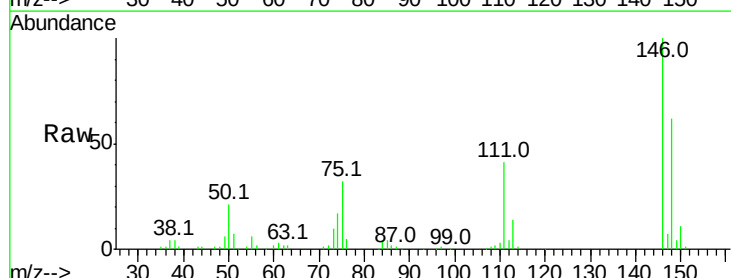
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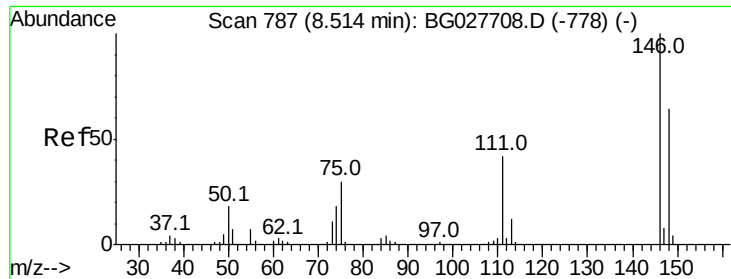
mohammad
6/30/2017 2:50:42 PM



#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 8.36 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.2	73.8
75	31.7	33.4	50.2#





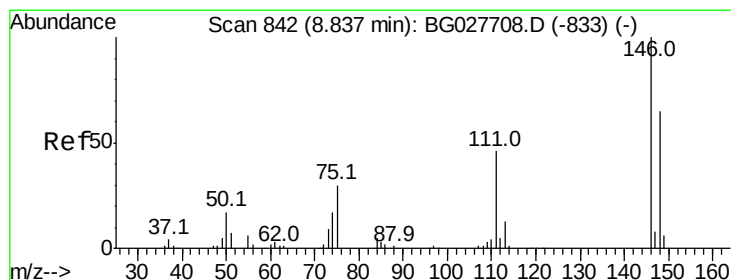
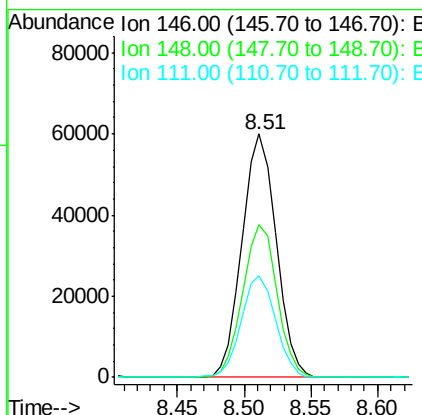
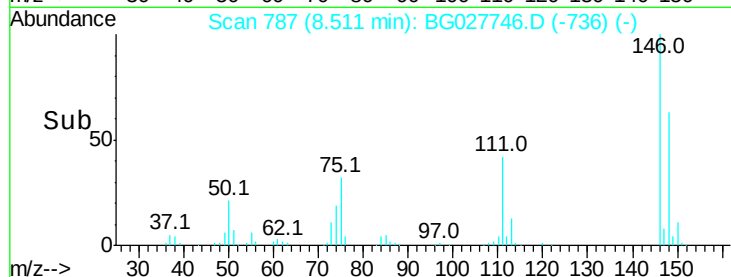
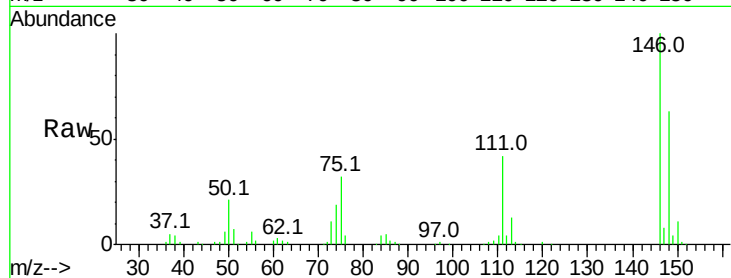
#13
 1,4-Dichlorobenzene
 Concen: 39.67 ng
 RT: 8.51 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	41.9	37.0	55.6

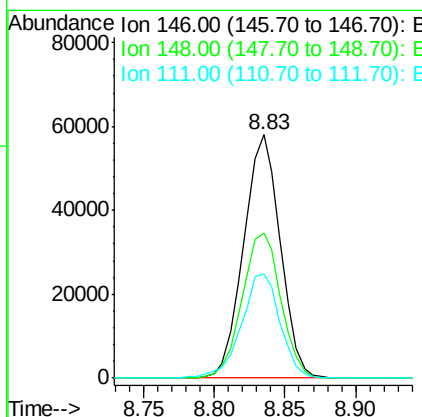
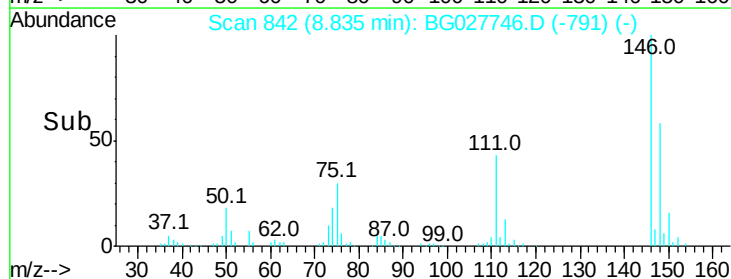
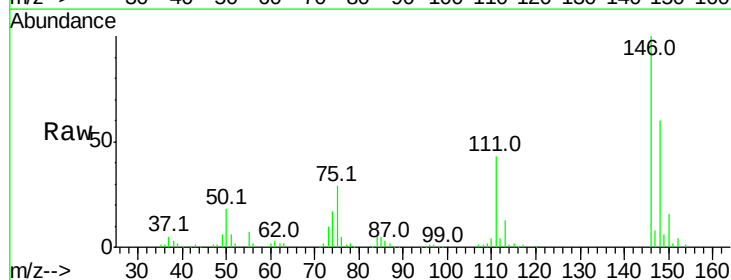
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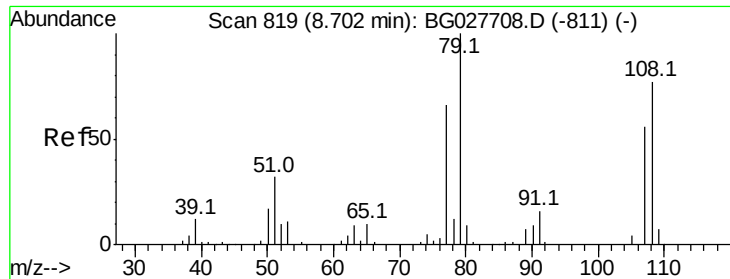
mohammad
 6/30/2017 2:50:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.55 ng
 RT: 8.83 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.6	54.6	81.8
111	42.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.16 ng

RT: 8.71 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion: 79 Resp: 94733

Ion Ratio Lower Upper

79 100

108 78.9 45.5 68.3#

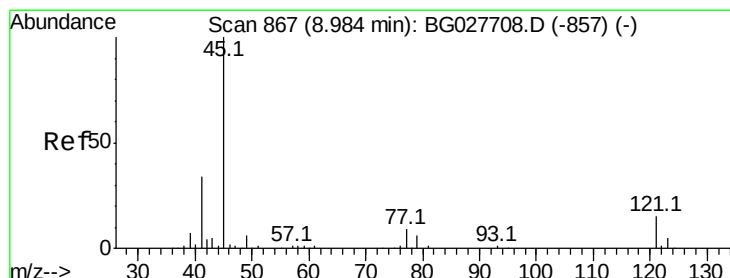
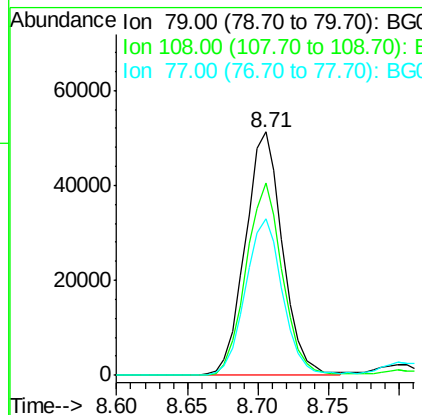
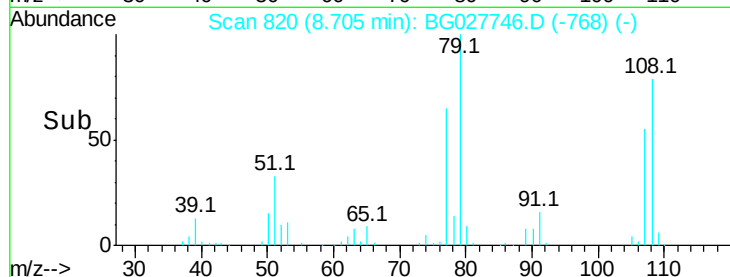
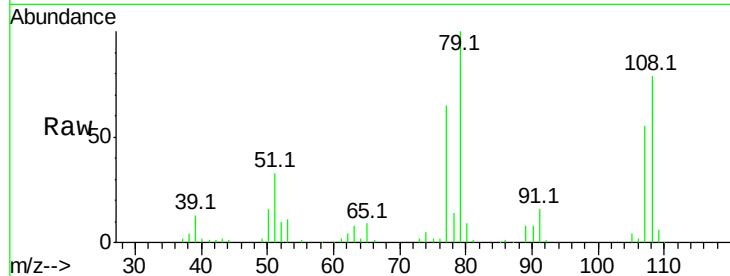
77 64.5 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.52 ng

RT: 8.98 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

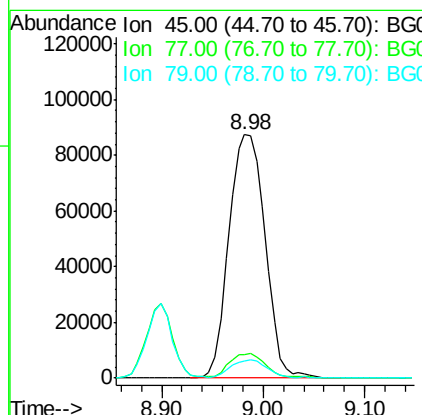
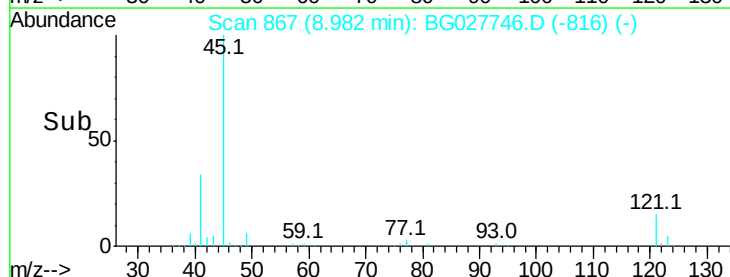
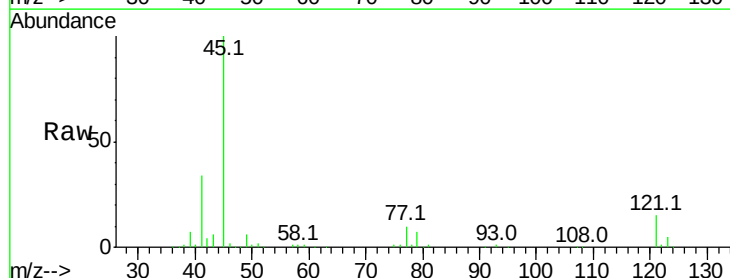
Tgt Ion: 45 Resp: 216083

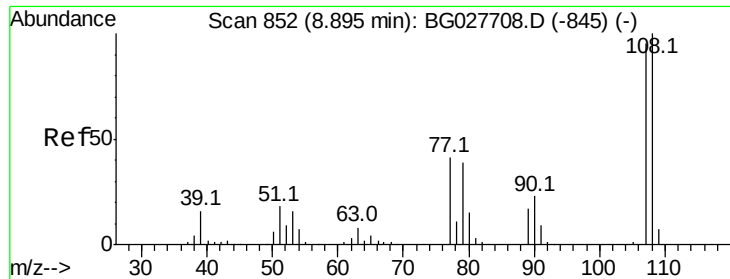
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.6

79 6.9 0.0 28.5





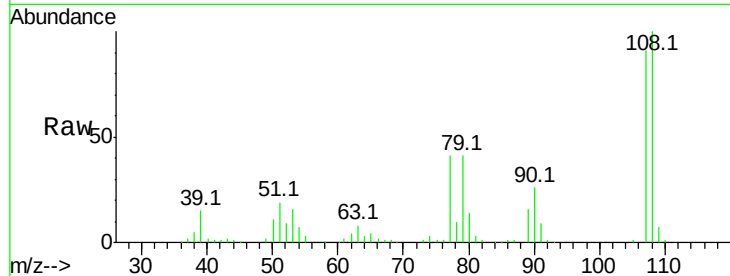
#17
2-Methylphenol
Concen: 45.57 ng
RT: 8.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

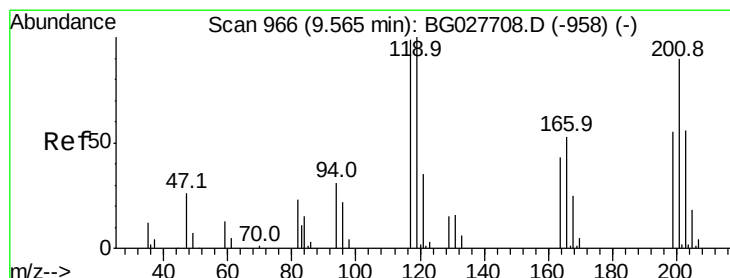
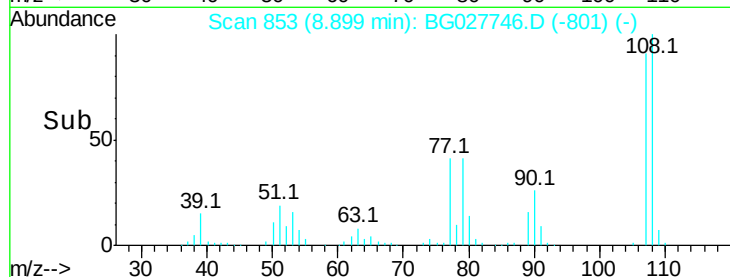
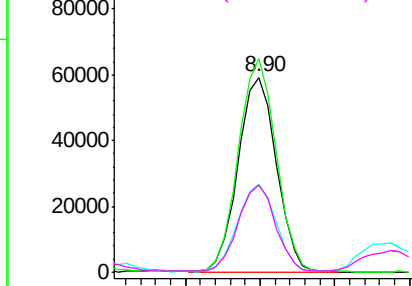
Tot Ion	107	Resp	106141
Ion Ratio	Lower	Upper	
107	100		
108	109.6	85.6	128.4
77	45.4	51.4	77.2#
79	44.9	49.2	73.8#

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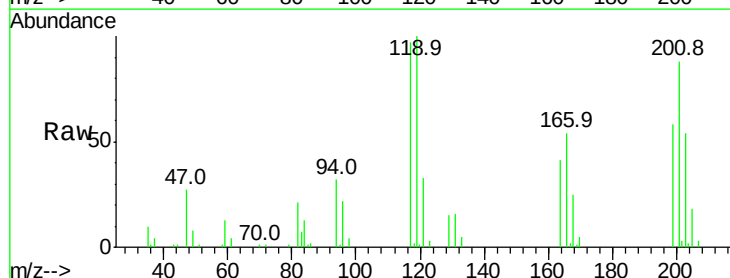


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

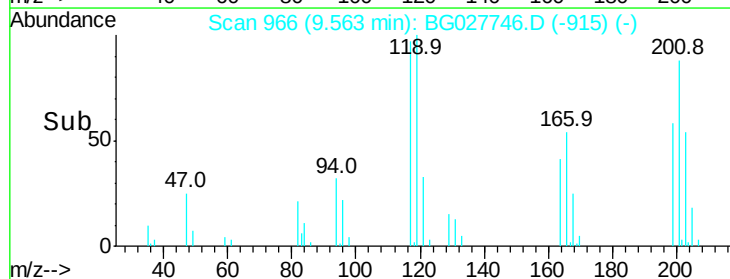
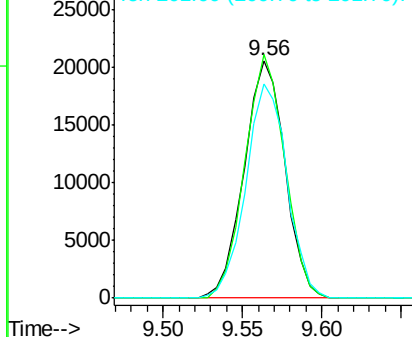


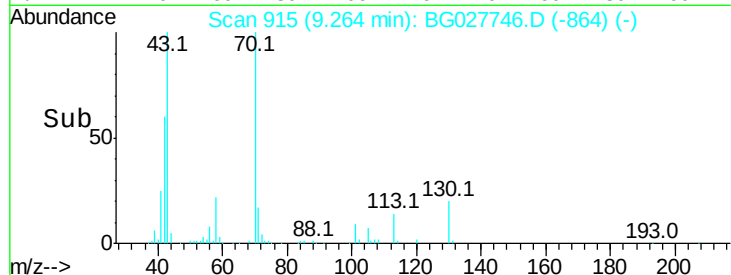
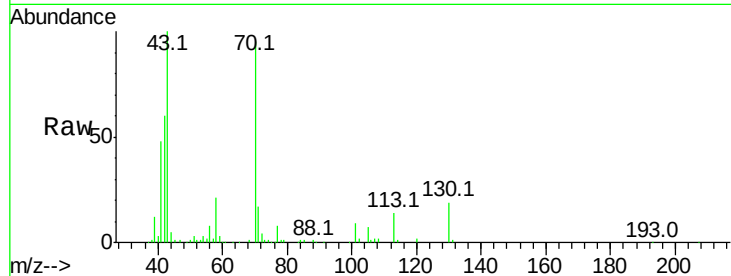
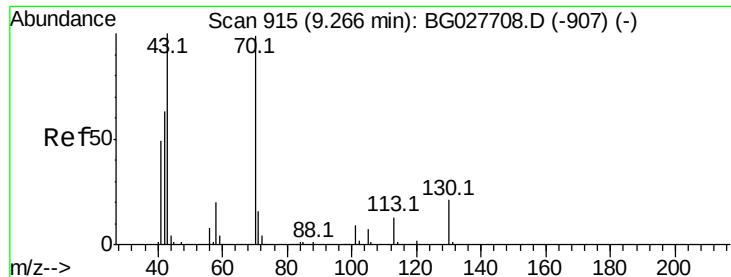
#18
Hexachloroethane
Concen: 39.06 ng
RT: 9.56 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	117	Resp	36854
Ion Ratio	Lower	Upper	
117	100		
119	102.6	69.8	104.6
201	90.1	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





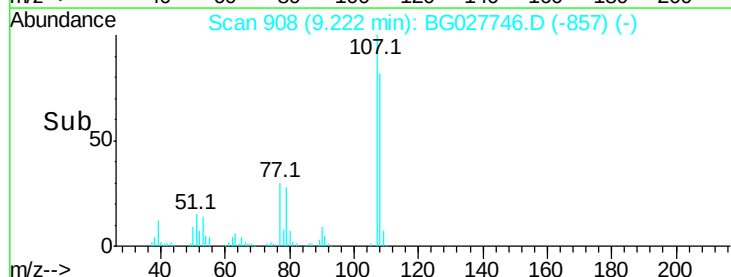
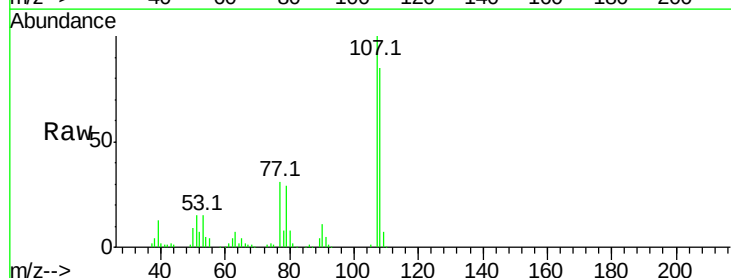
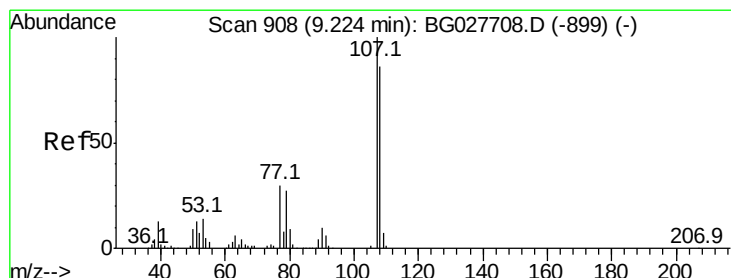
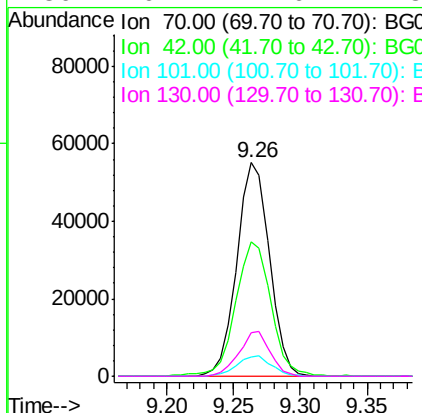
#19
n-Nitroso-di-n-propylamine
Concen: 38.40 ng
RT: 9.26 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.8	56.1	84.1	
101	8.9	7.5	11.3	
130	20.2	14.6	21.8	

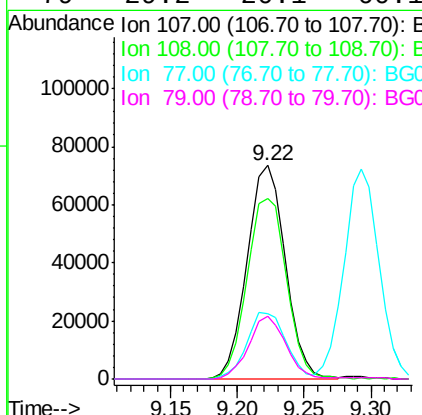
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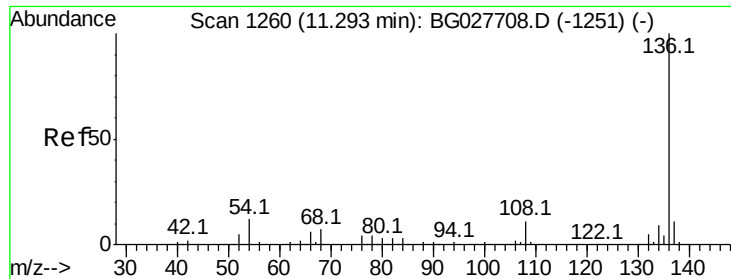
mohammad
6/30/2017 2:50:42 PM



#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	70.8	110.8	
77	30.9	25.8	65.8	
79	29.2	20.1	60.1	





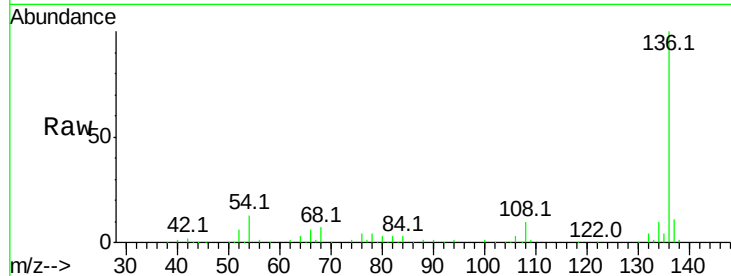
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

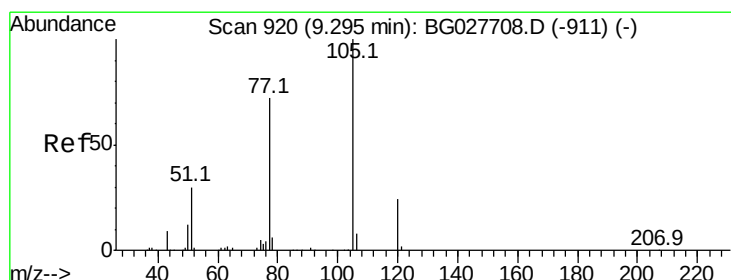
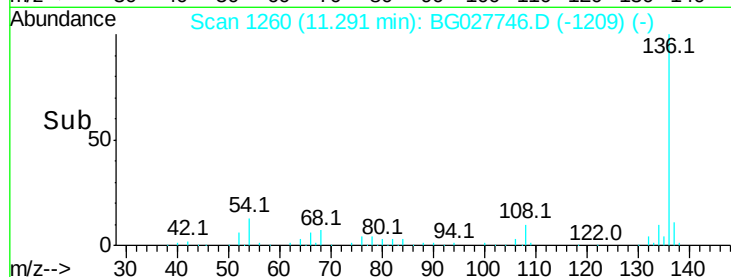
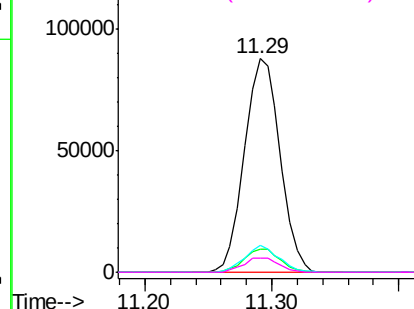
Tot Ion	Ratio	Resp	Lower	Upper
136	100	170710		
137	10.7		8.9	13.3
54	12.6		9.3	13.9
68	6.6		5.1	7.7

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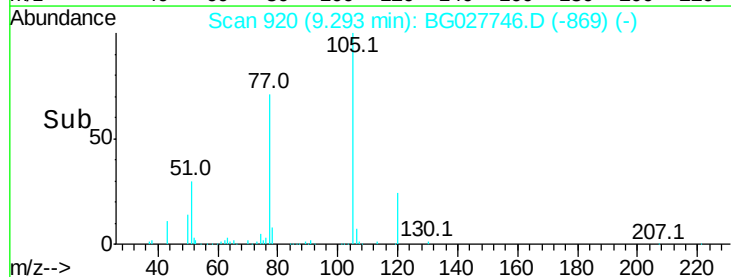
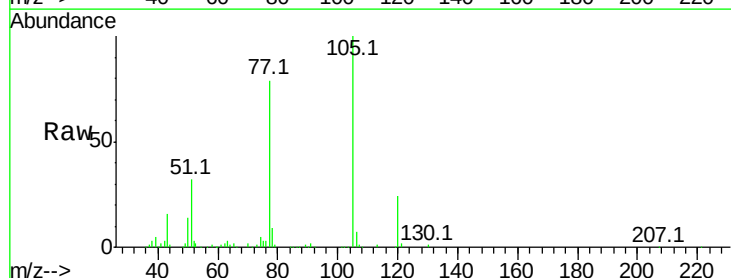
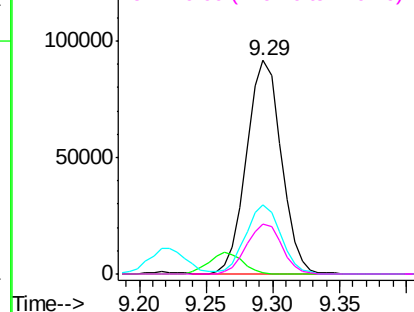
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

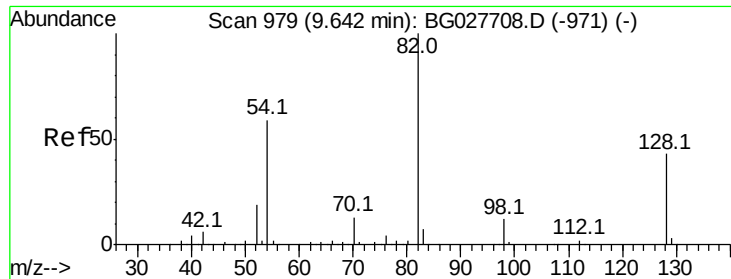


#22
Acetophenone
Concen: 40.11 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165209		
71	0.4		0.9	1.3#
51	32.5		34.0	51.0#
120	23.5		17.3	25.9

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





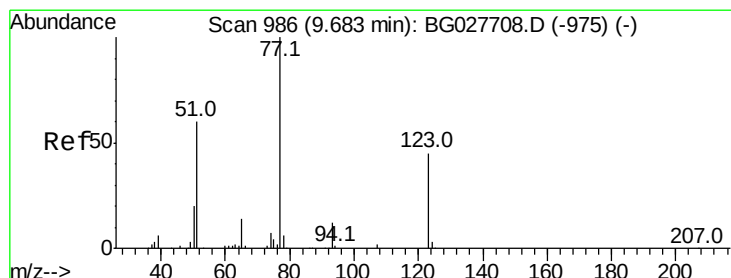
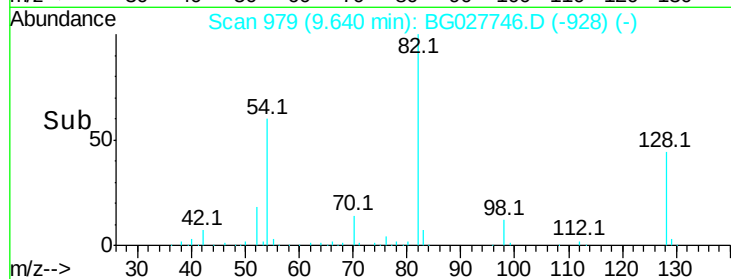
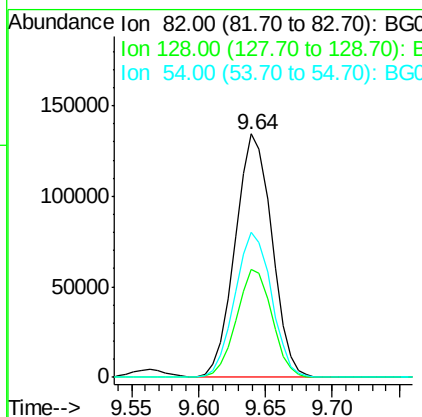
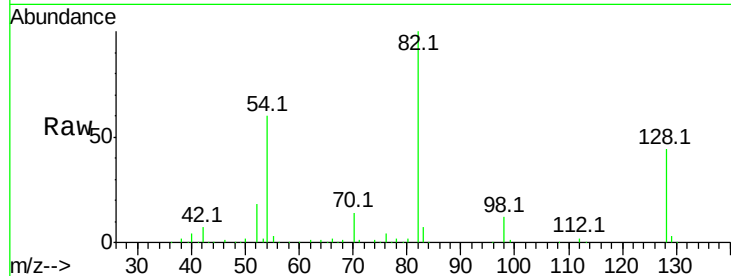
#23
Nitrobenzene-d5
Concen: 83.76 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	26.4	39.6#	
54	59.7	49.4	74.2	

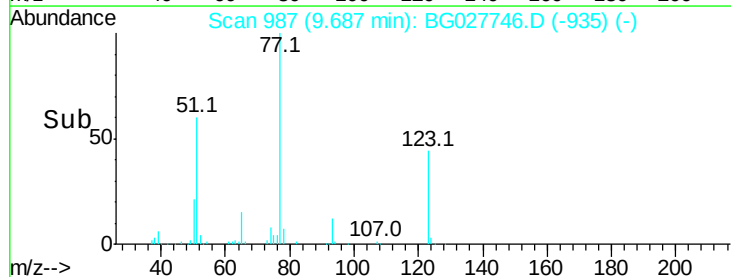
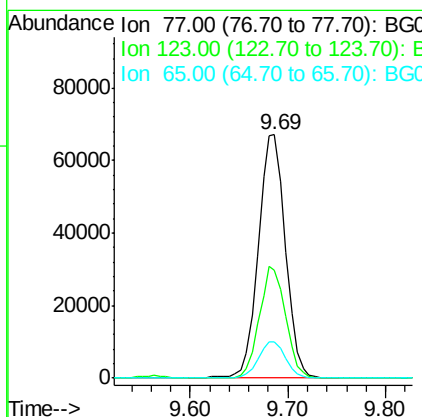
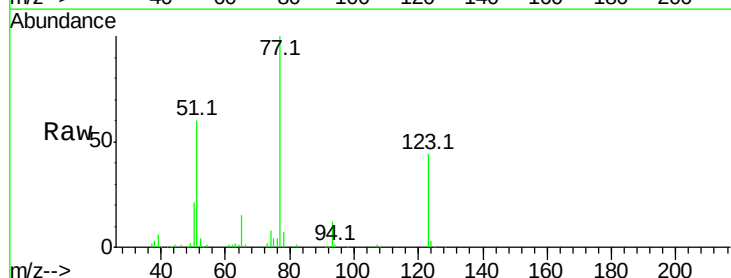
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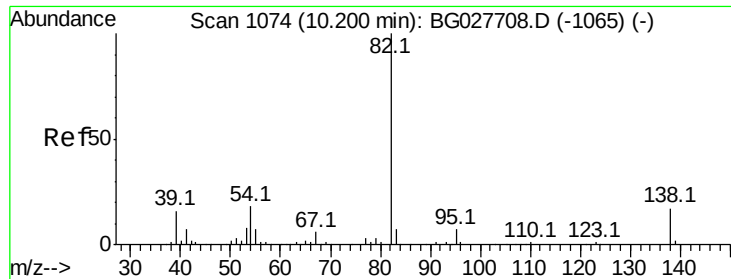
mohammad
6/30/2017 2:50:42 PM



#24
Nitrobenzene
Concen: 40.82 ng
RT: 9.69 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.2	26.1	39.1#	
65	14.7	12.4	18.6	





#25

Isophorone

Concen: 38.75 ng

RT: 10.20 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

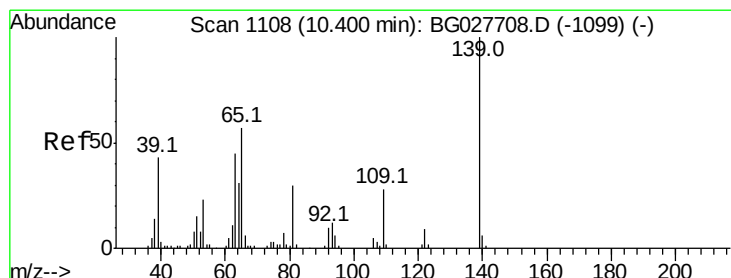
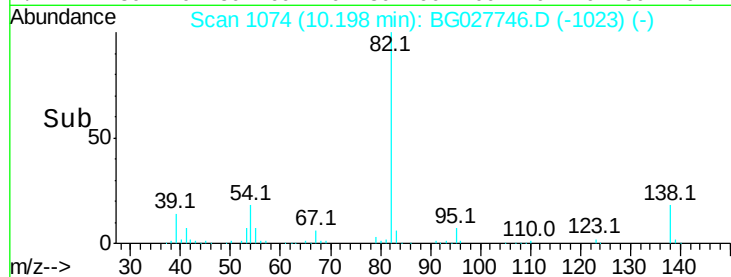
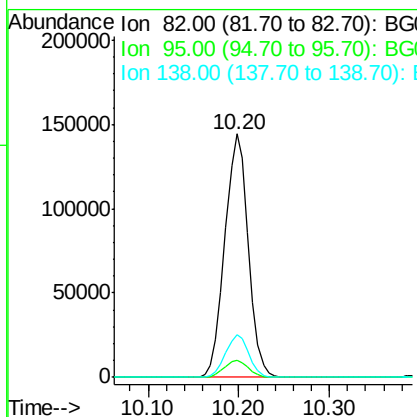
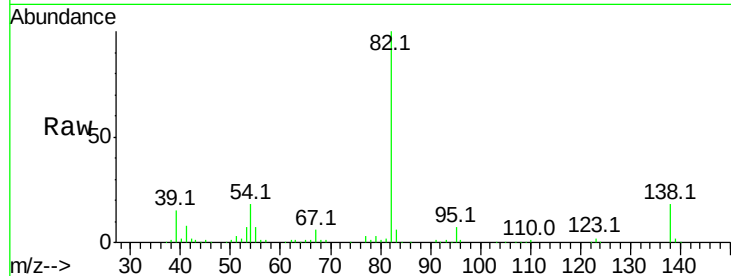
ClientSampleId :

PB100123BS

Tot Ion:	82	Resp:	258669
Ion Ratio	Lower	Upper	
82	100		
95	7.1	7.5	11.3#
138	17.6	12.3	18.5

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#26

2-Nitrophenol

Concen: 42.95 ng

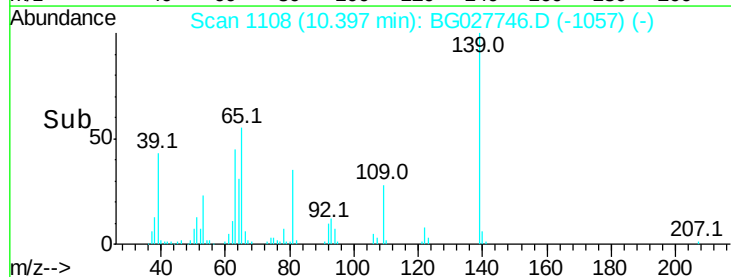
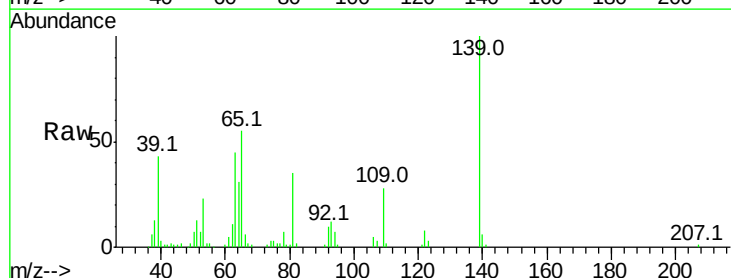
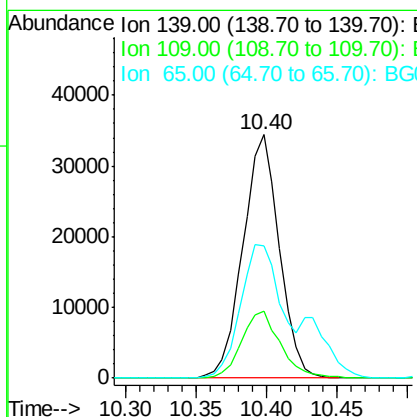
RT: 10.40 min Scan# 1108

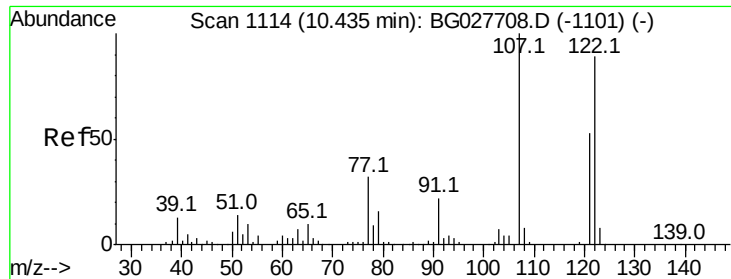
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	139	Resp:	62114
Ion Ratio	Lower	Upper	
139	100		
109	27.6	38.6	58.0#
65	54.6	57.1	85.7#





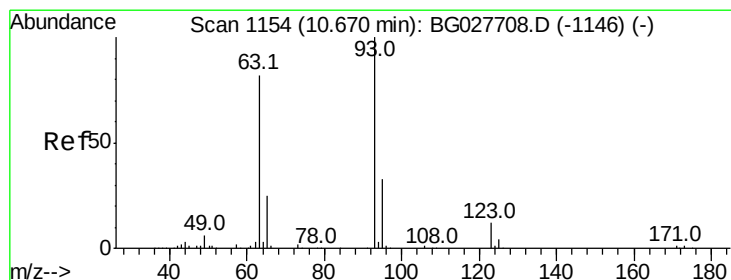
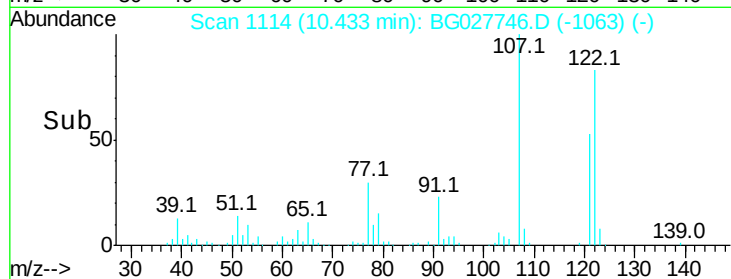
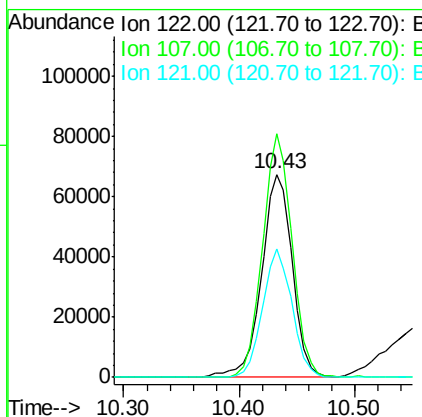
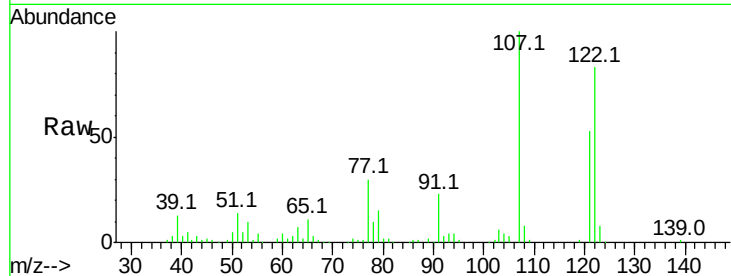
#27
2,4-Dimethylphenol
Concen: 46.06 ng
RT: 10.43 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampled :
PB100123BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.0	104.2	156.4
121	63.5	46.0	69.0

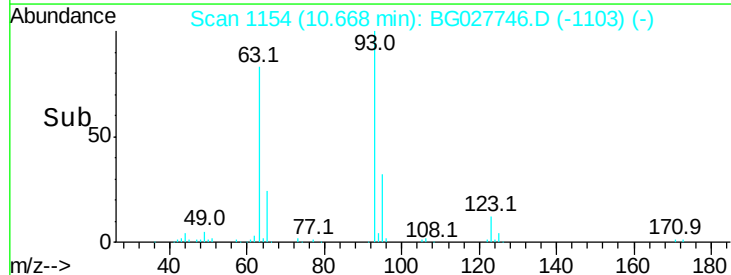
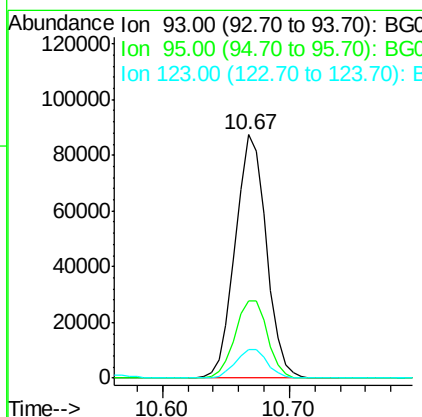
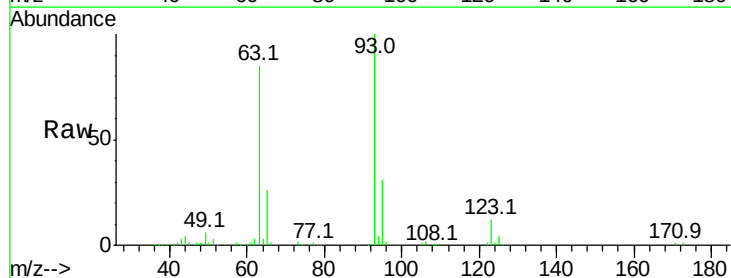
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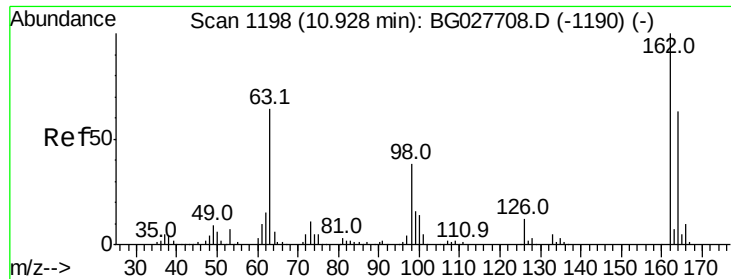
mohammad
6/30/2017 2:50:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.14 ng
RT: 10.67 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	11.5	8.3	12.5





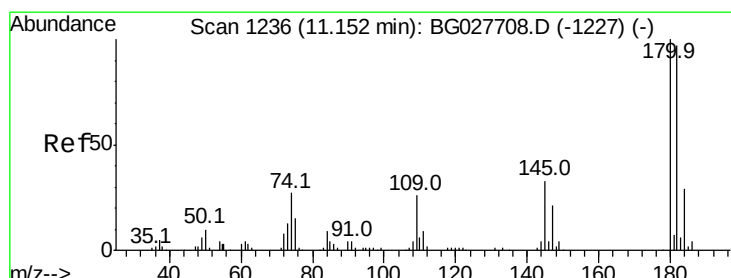
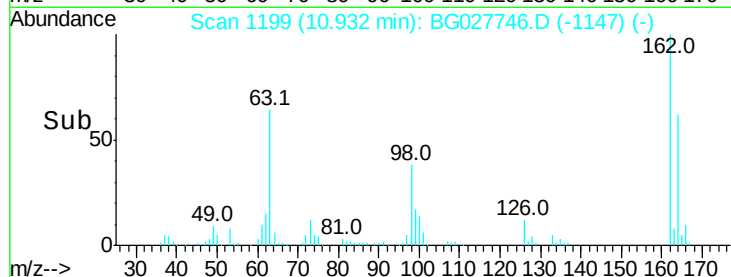
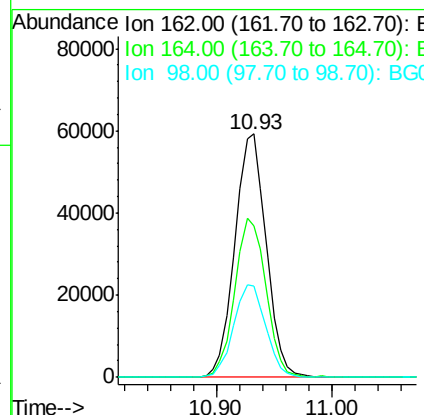
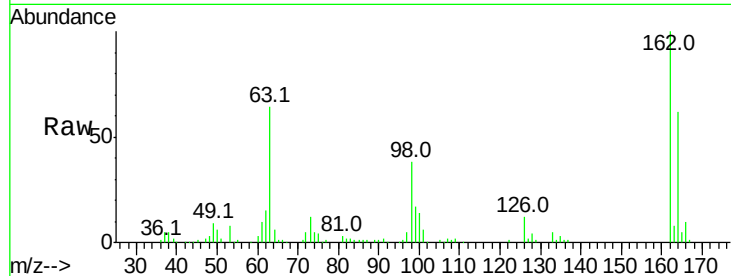
#29
 2,4-Dichlorophenol
 Concen: 47.02 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	111624		
164	62.2	42.4	82.4	
98	37.8	20.3	60.3	

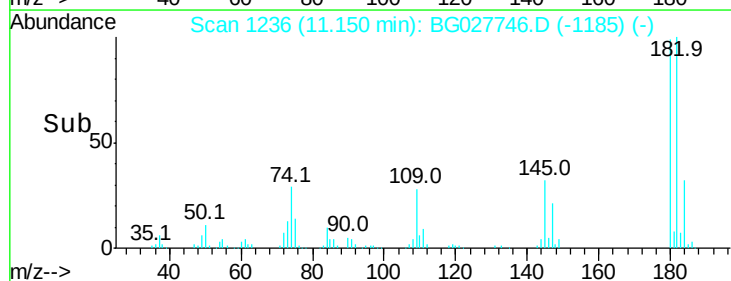
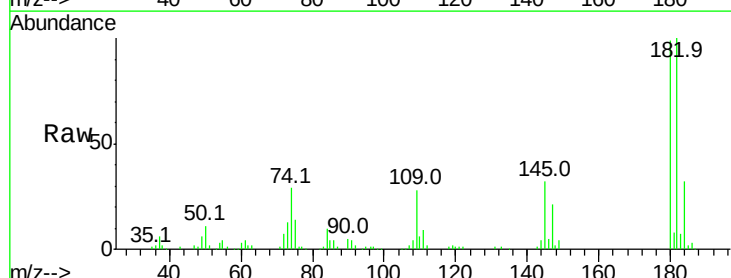
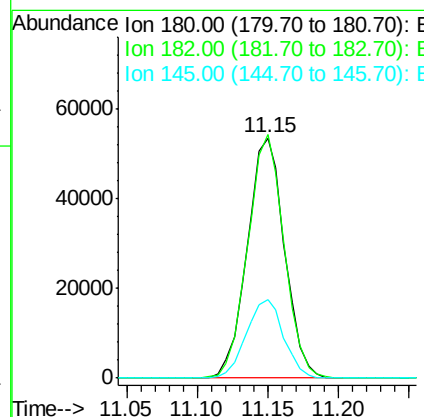
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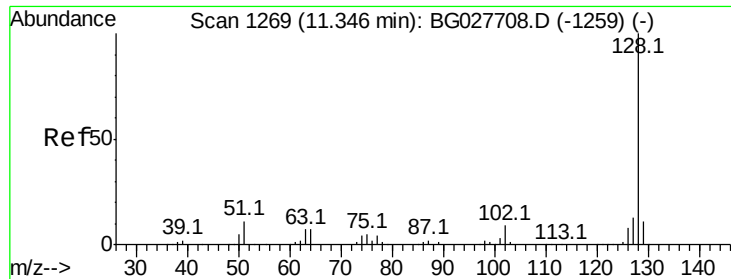
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99068		
182	101.4	77.0	115.4	
145	32.9	23.4	35.0	





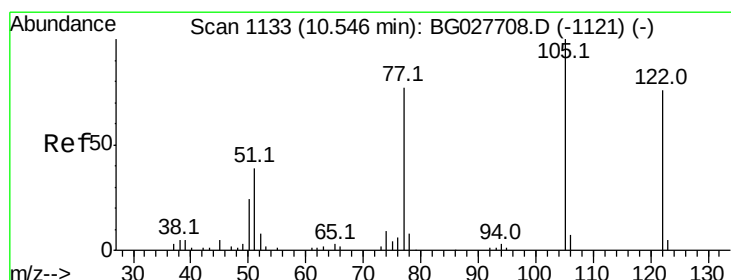
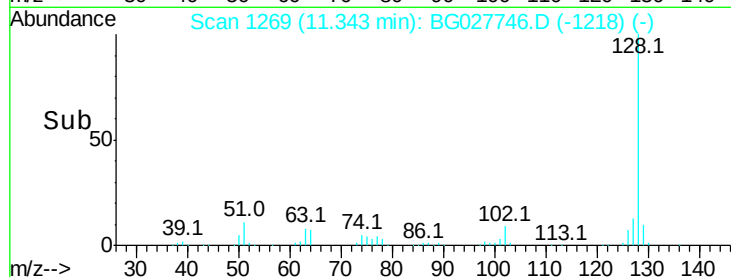
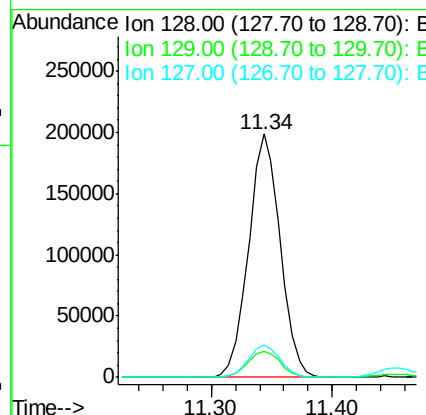
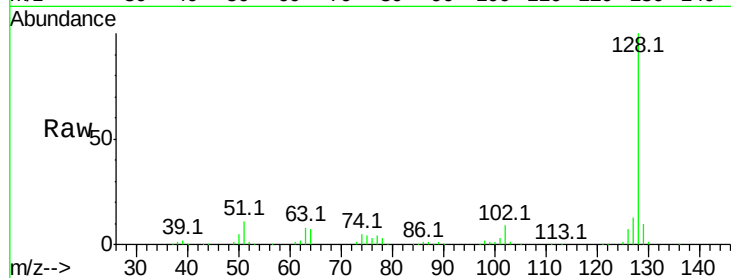
#31
Naphthalene
Concen: 39.84 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampled :
PB100123BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	13.1	11.4	17.0

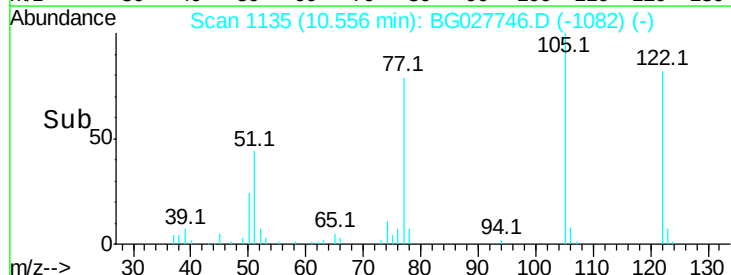
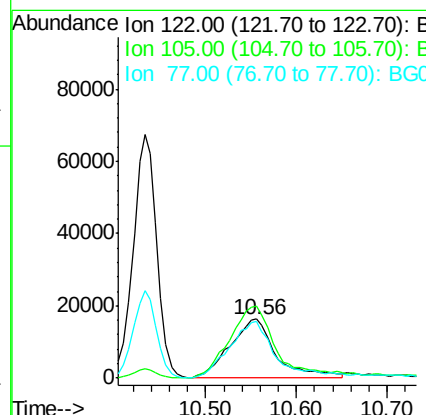
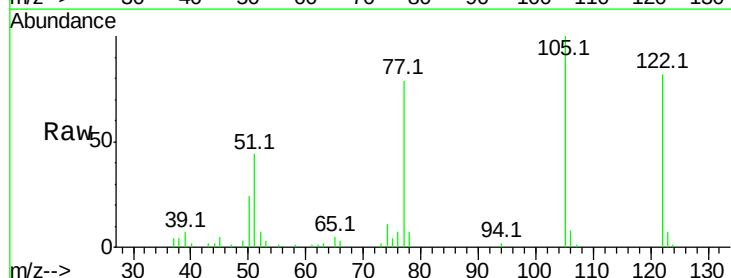
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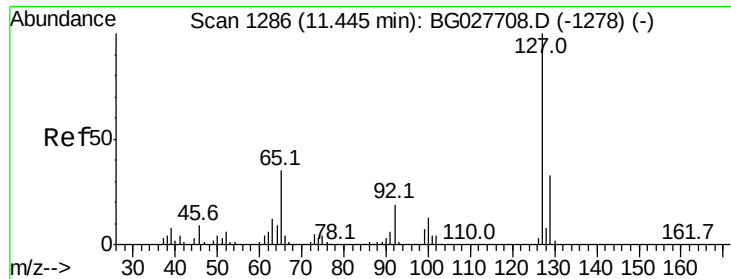
mohammad
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#32
Benzoic acid
Concen: 35.89 ng
RT: 10.56 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	120.1	160.1
77	96.3	104.6	144.6#





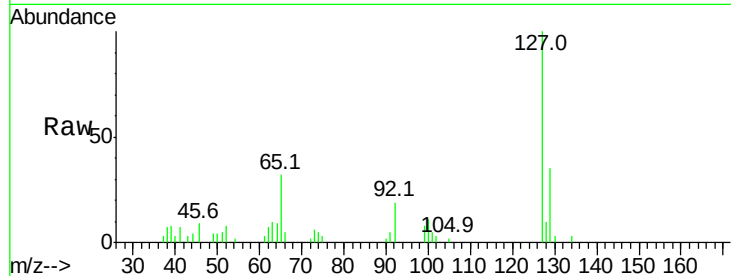
#33
4-Chloroaniline
Concen: 5.03 ng
RT: 11.46 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

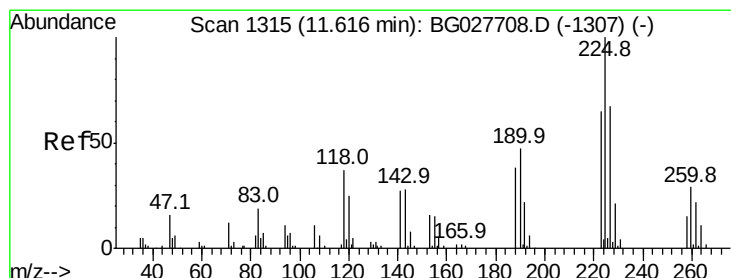
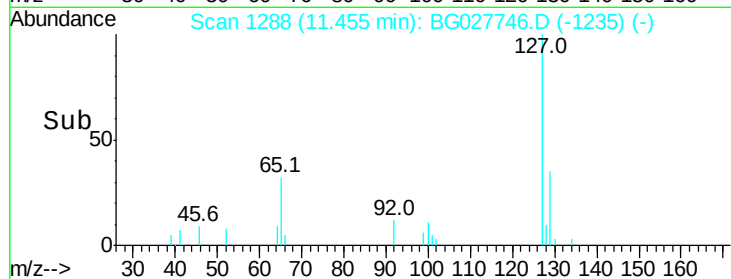
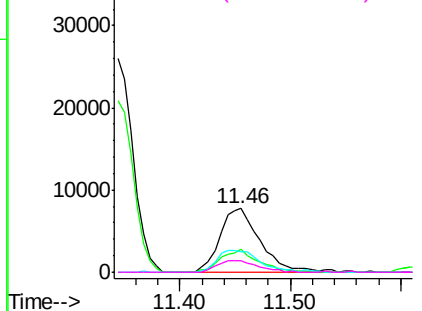
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.3	23.6	35.4		
65	32.0	37.7	56.5		
92	18.8	17.6	26.4		

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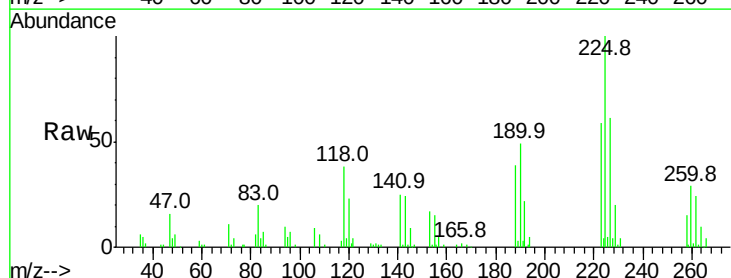


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

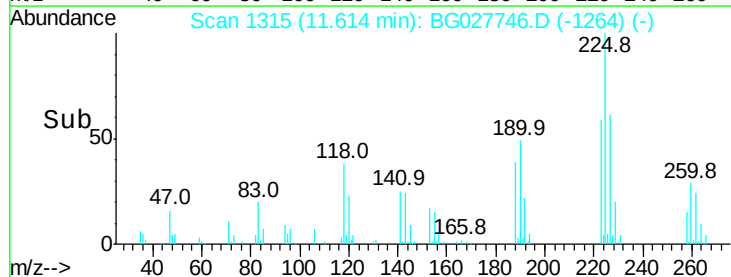
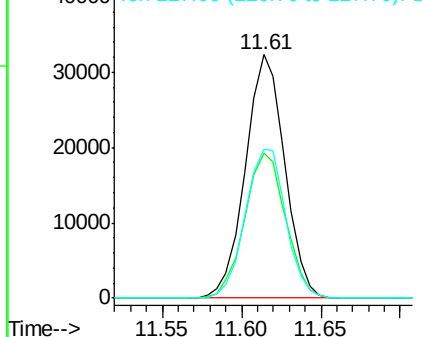


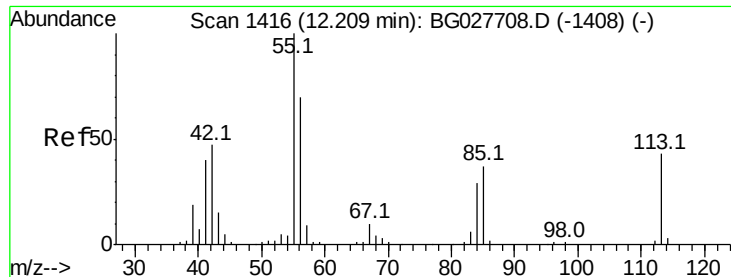
#34
Hexachlorobutadiene
Concen: 41.26 ng
RT: 11.61 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.3	50.7	76.1		
227	61.3	49.0	73.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.60 ng/mL

RT: 12.21 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion:113 Resp: 48475

Ion Ratio Lower Upper

113 100

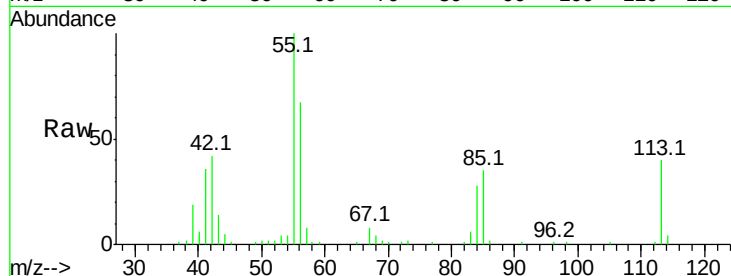
55 250.9 198.6 238.6#

56 168.9 140.4 180.4

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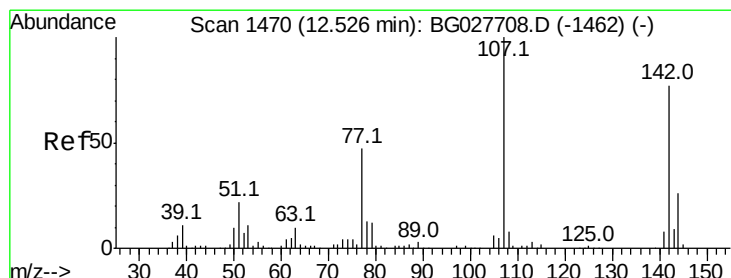
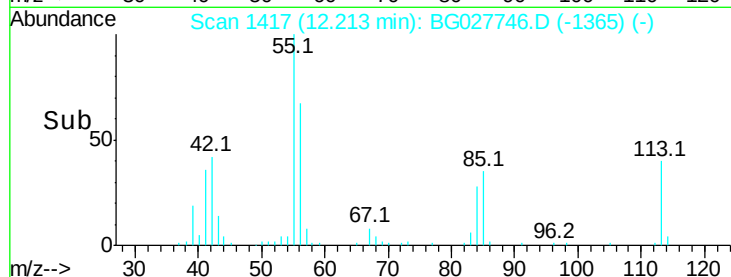
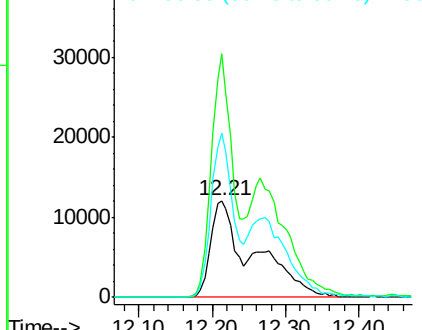
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.99 ng/mL

RT: 12.53 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

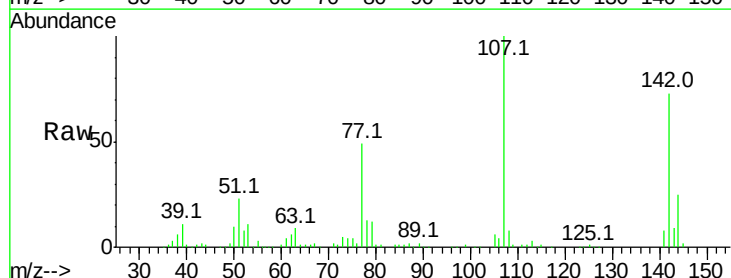
Tgt Ion:107 Resp: 146955

Ion Ratio Lower Upper

107 100

144 25.3 17.4 26.0

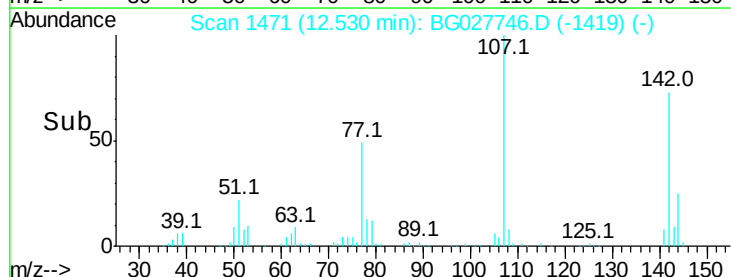
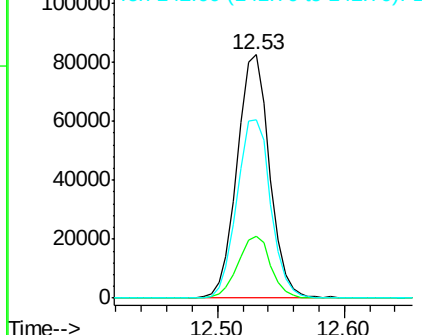
142 73.5 54.1 81.1

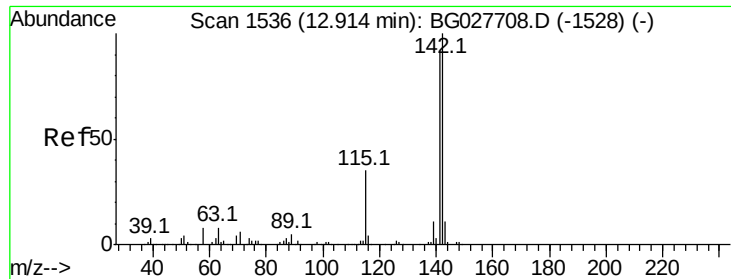


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





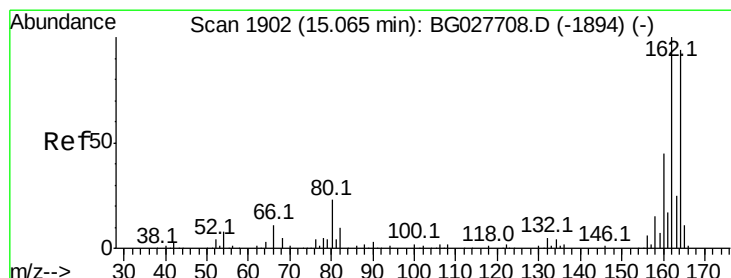
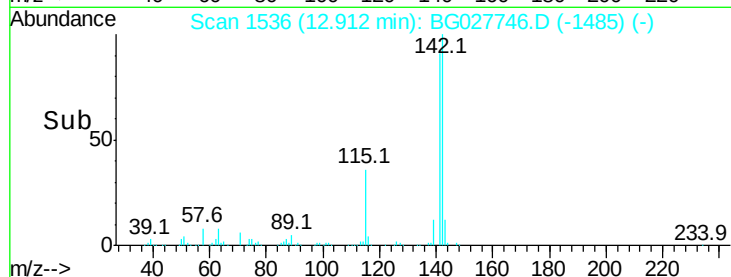
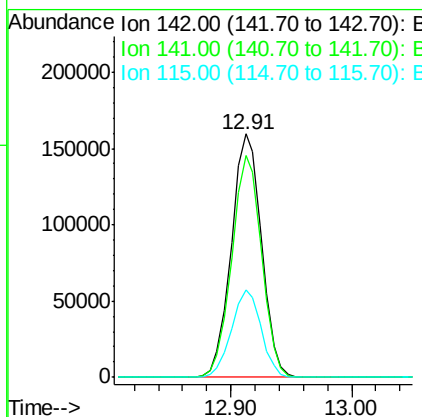
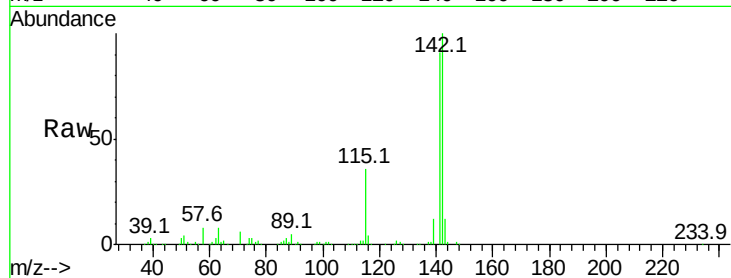
#37
2-Methylnaphthalene
Concen: 40.98 ng
RT: 12.91 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	35.7	35.5	53.3

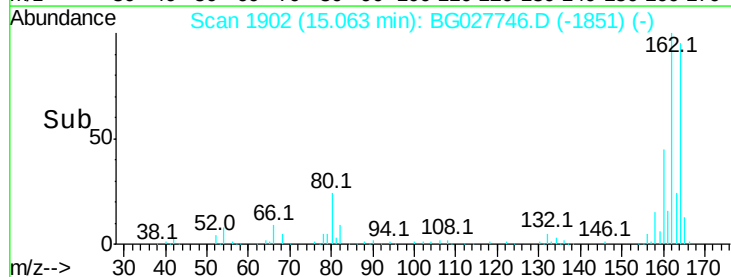
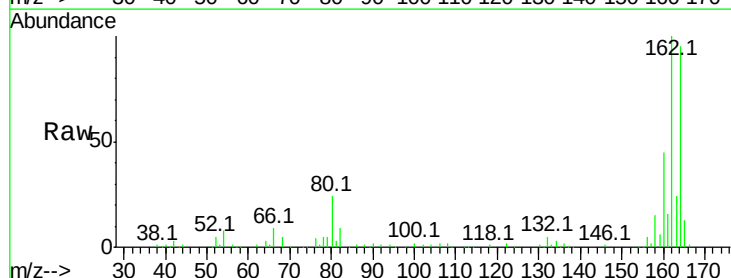
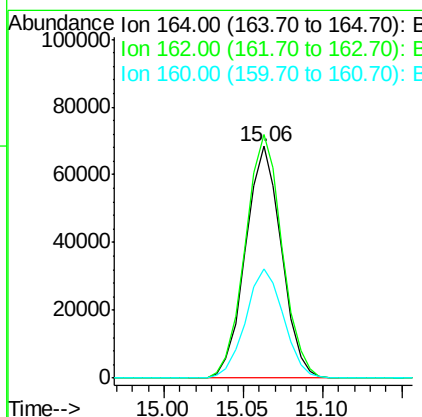
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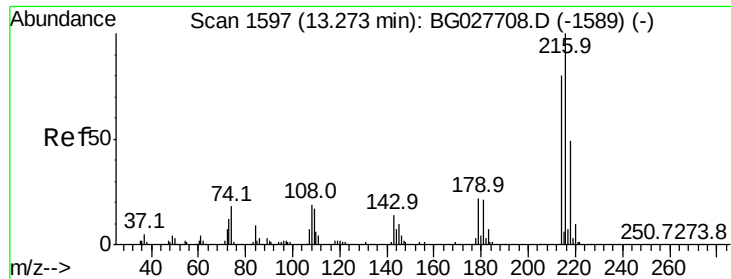
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	47.2	34.7	52.1





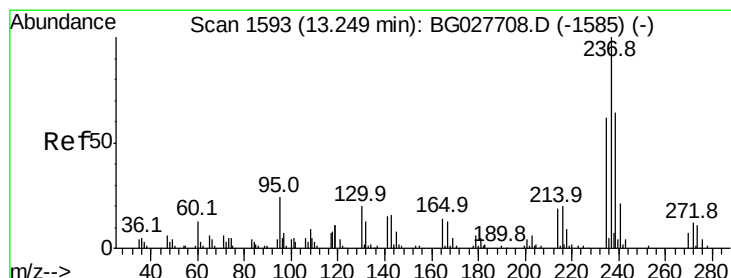
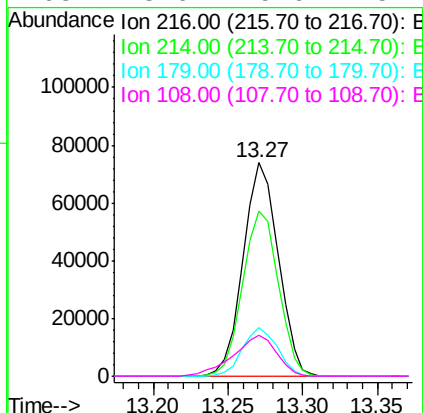
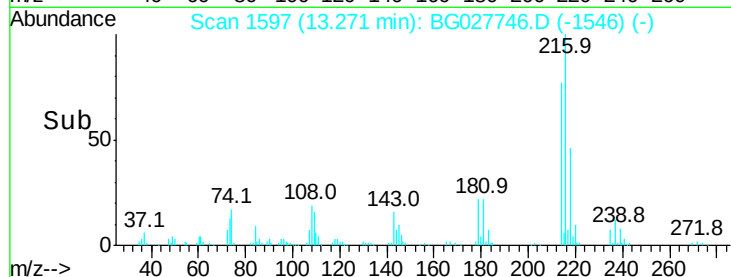
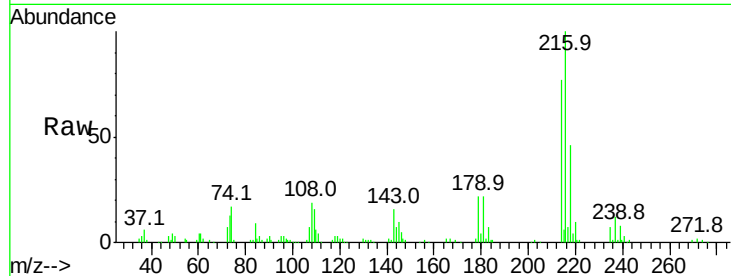
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.58 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	64.4	96.6	
179	22.3	17.4	26.0	
108	23.6	15.6	23.4	

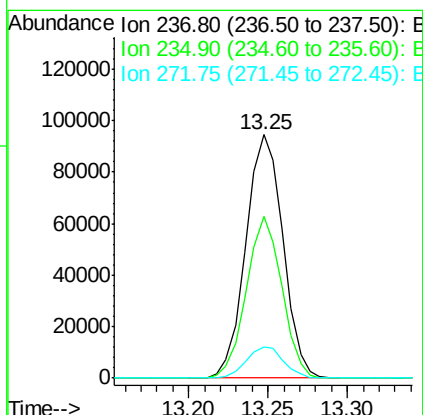
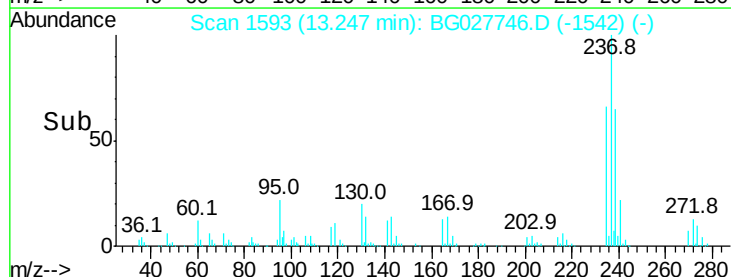
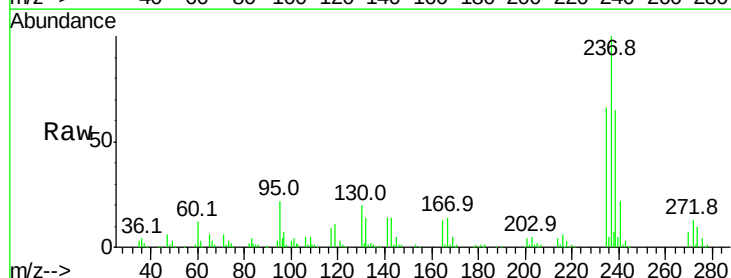
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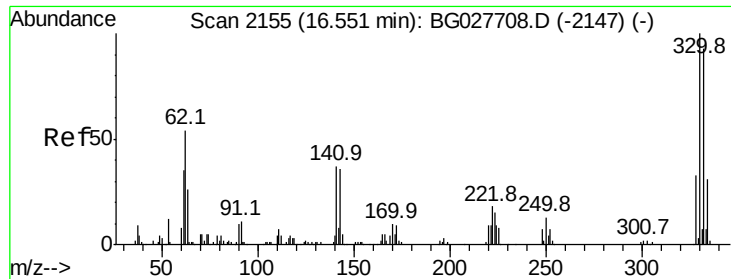
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#40
 Hexachlorocyclopentadiene
 Concen: 114.74 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.4	39.4	79.4	
272	12.6	0.0	32.0	





#41

2,4,6-Tribromophenol

Concen: 140.85 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

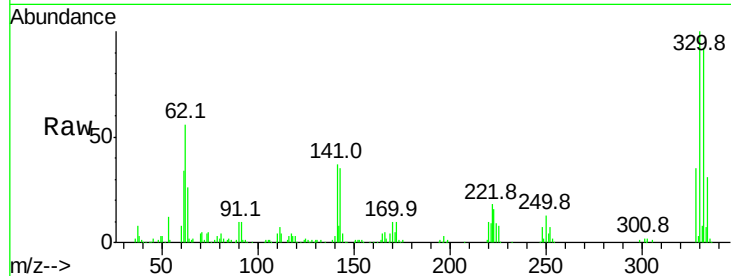
ClientSampleId :

PB100123BS

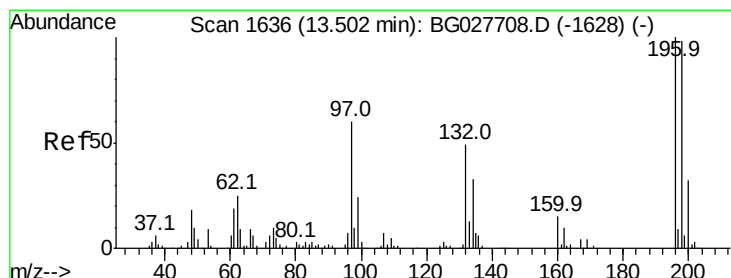
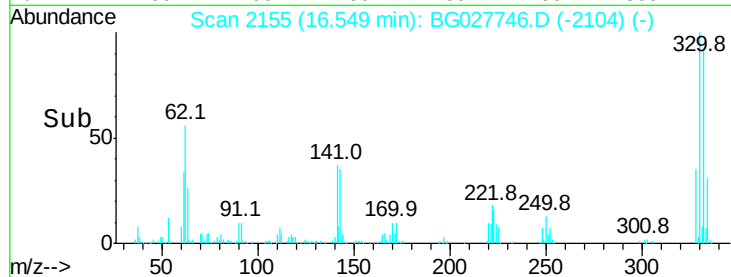
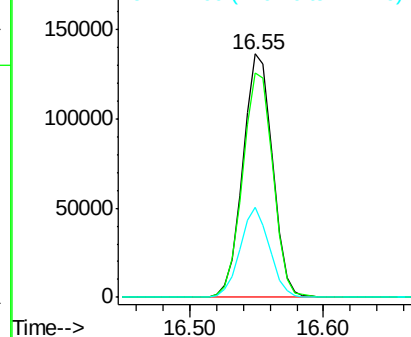
Tot Ion:	330	Resp:	208512
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.3	115.9
141	36.9	32.1	48.1

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.79 ng

RT: 13.51 min Scan# 1637

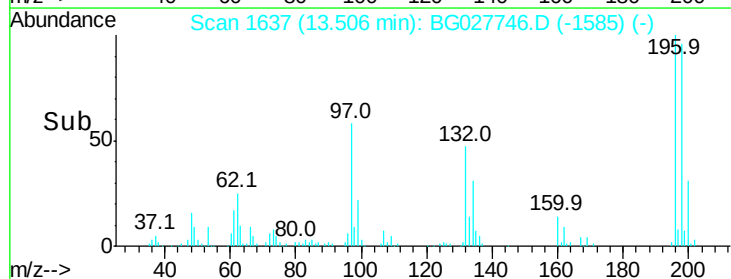
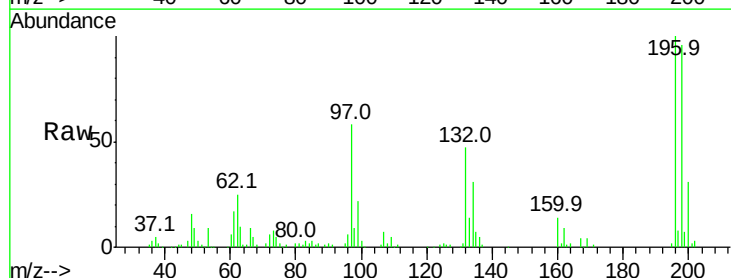
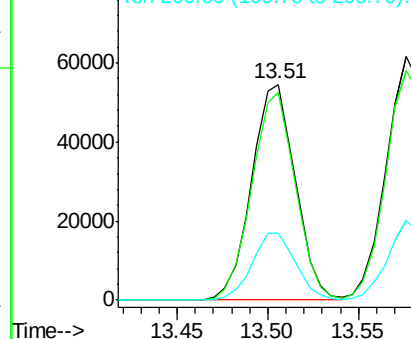
Delta R.T. 0.00 min

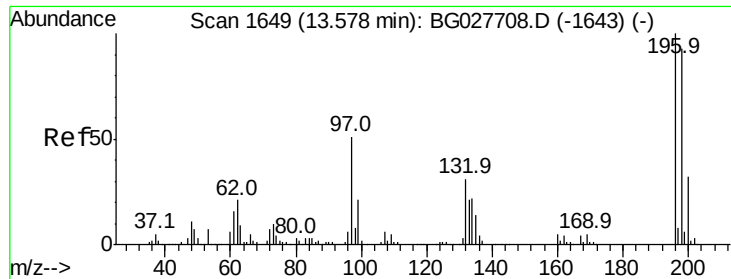
Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	196	Resp:	91760
Ion Ratio	Lower	Upper	
196	100		
198	96.3	81.4	122.2
200	31.4	27.0	40.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





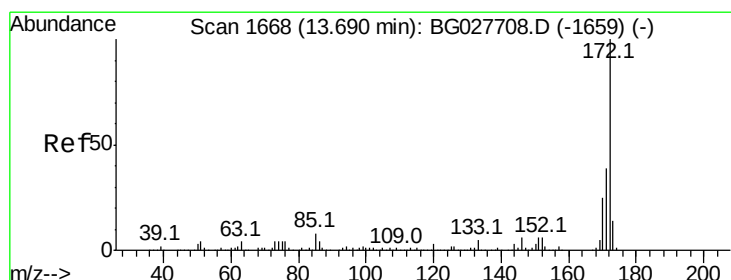
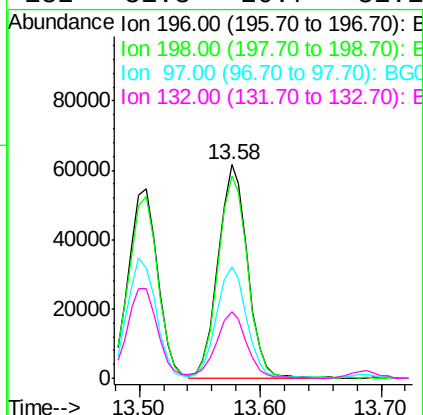
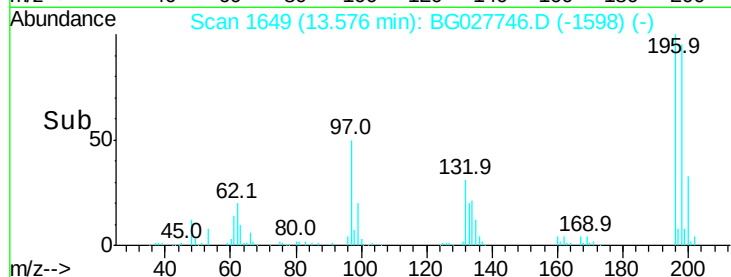
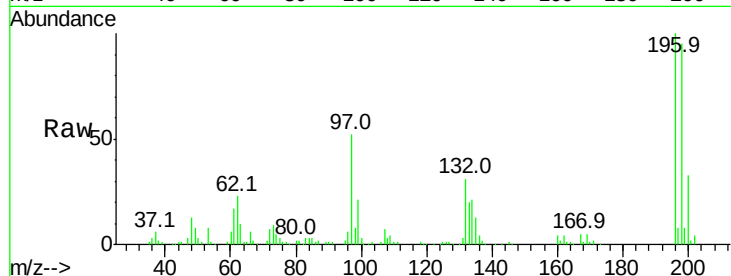
#43
 2,4,5-Trichlorophenol
 Concen: 44.41 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103069		
198	94.5	79.9	119.9	
97	52.2	45.4	68.0	
132	31.3	20.7	31.1	#

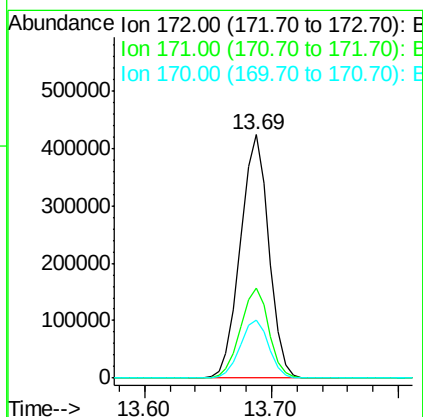
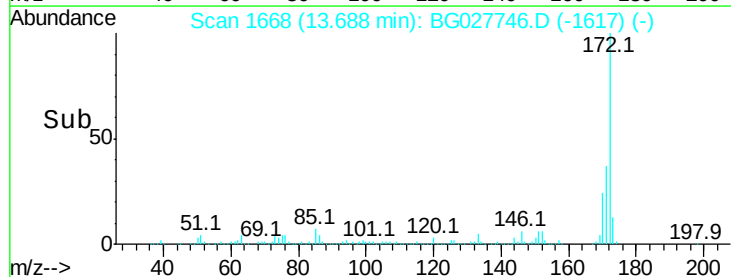
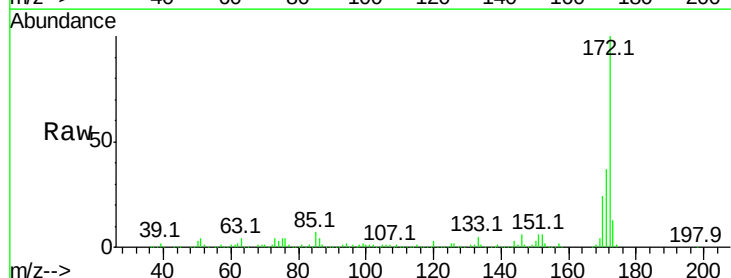
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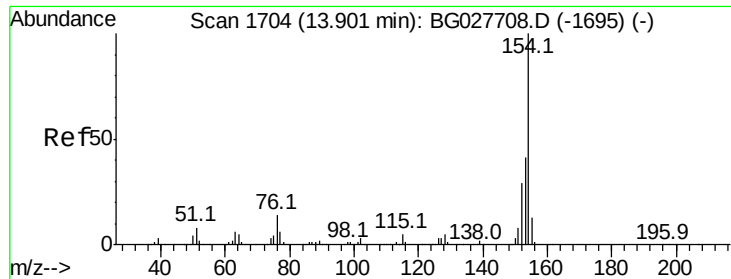
mohammad
 6/30/2017 2:50:42 PM



#44
 2-Fluorobiphenyl
 Concen: 87.02 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	657643		
171	37.0	32.2	48.2	
170	24.0	21.8	32.6	





#45

1,1'-Biphenyl

Concen: 42.01 ng

RT: 13.90 min Scan# 1704

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

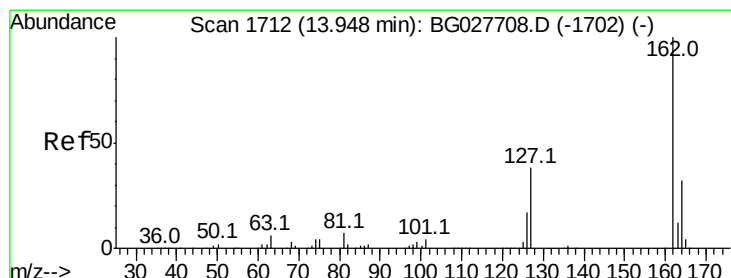
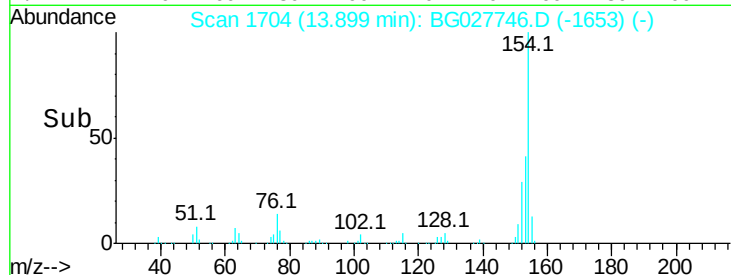
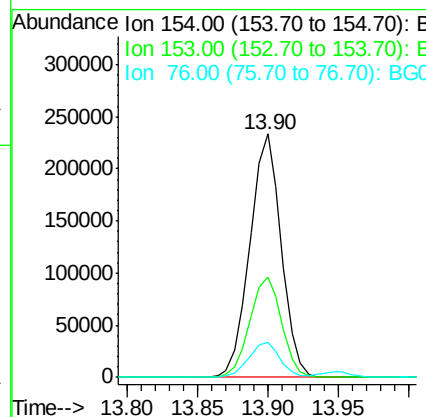
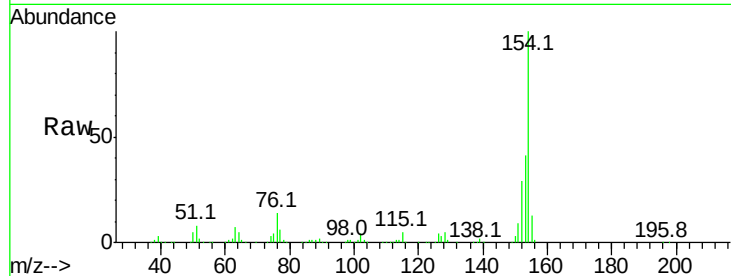
ClientSampleId :

PB100123BS

Tot Ion:	154	Resp:	363446
Ion Ratio	Lower	Upper	
154	100		
153	41.1	23.0	63.0
76	14.3	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 41.63 ng

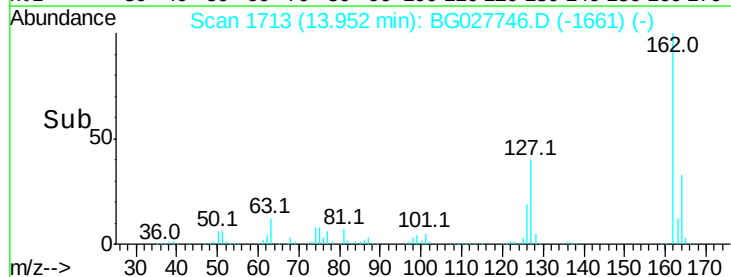
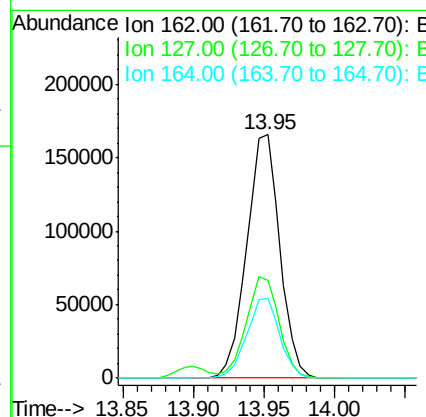
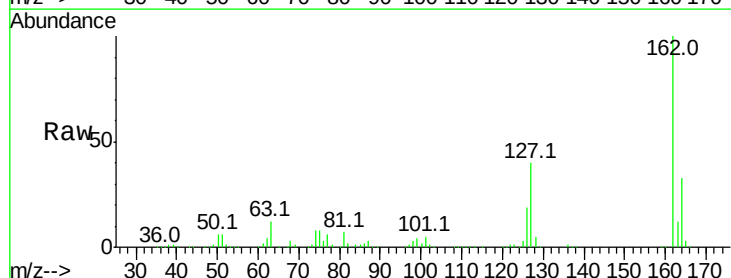
RT: 13.95 min Scan# 1713

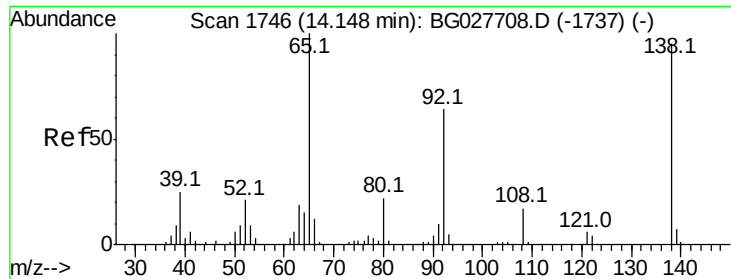
Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	162	Resp:	272085
Ion Ratio	Lower	Upper	
162	100		
127	40.2	32.2	48.4
164	33.0	27.3	40.9





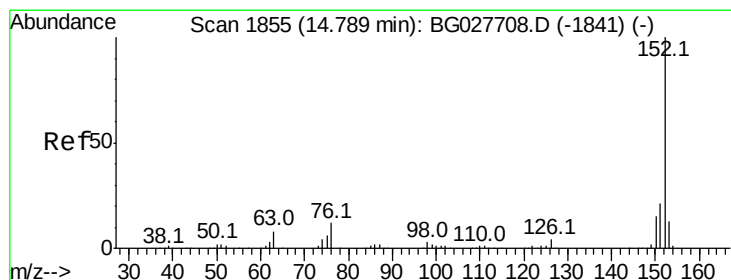
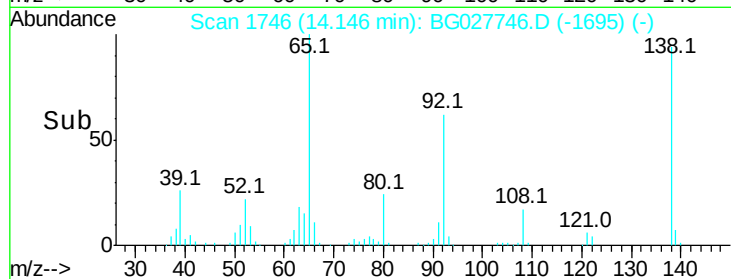
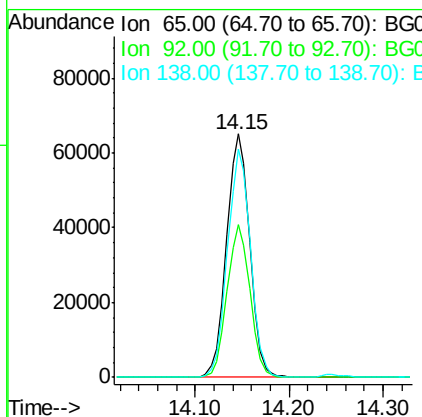
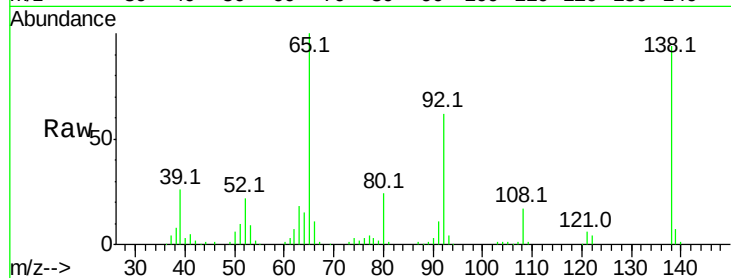
#47
2-Nitroaniline
Concen: 42.45 ng
RT: 14.15 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	49.0	73.4
138	93.9	58.6	87.8

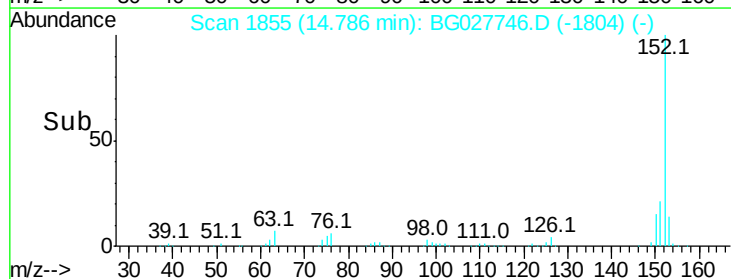
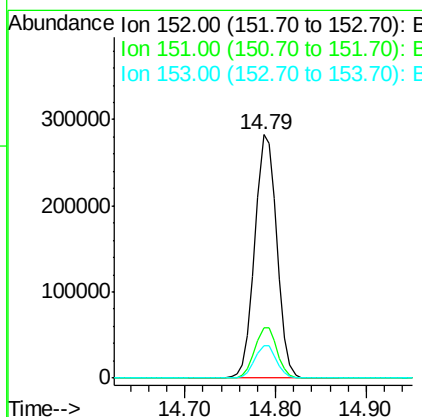
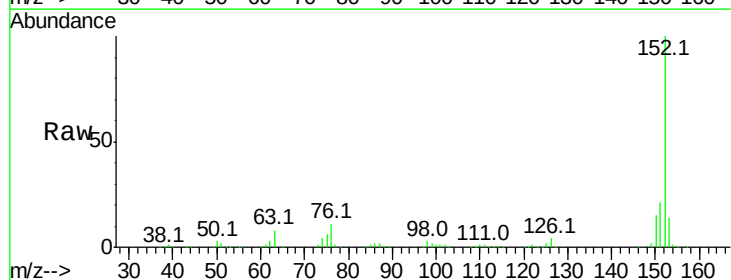
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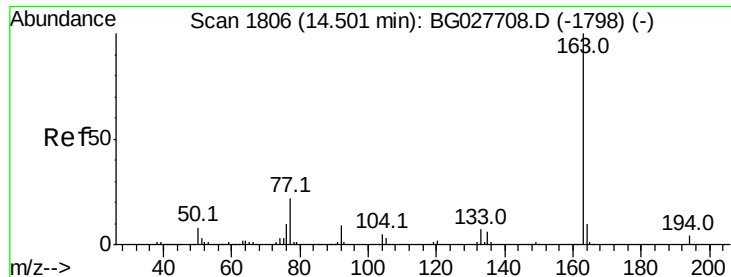
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#48
Acenaphthylene
Concen: 39.77 ng
RT: 14.79 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.2	27.2
153	13.5	11.3	16.9





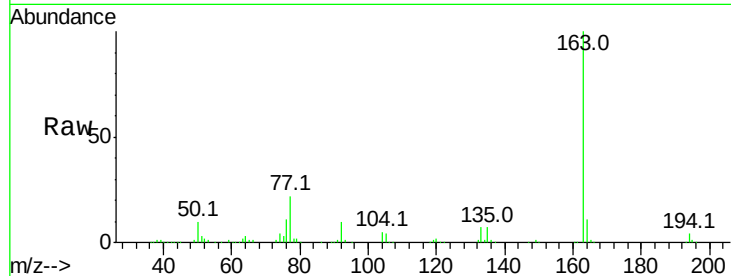
#49
Dimethylphthalate
Concen: 41.96 ng
RT: 14.50 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

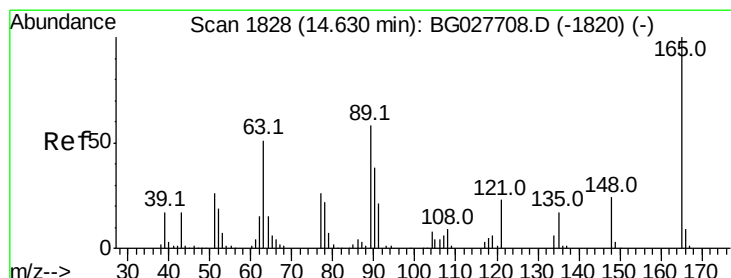
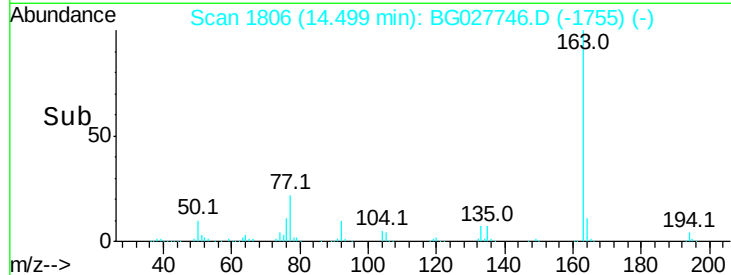
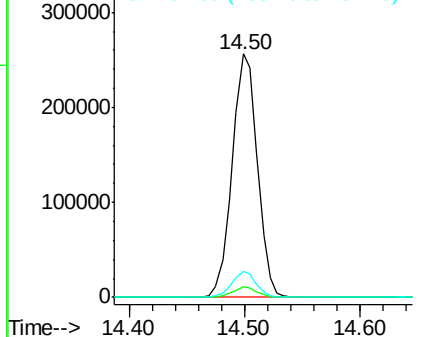
Tot Ion	Ratio	Resp	Lower	Upper
163	100	386305		
194	4.4		3.8	5.6
164	10.8		9.3	13.9

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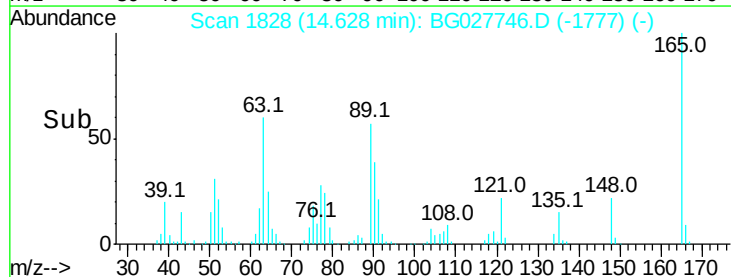
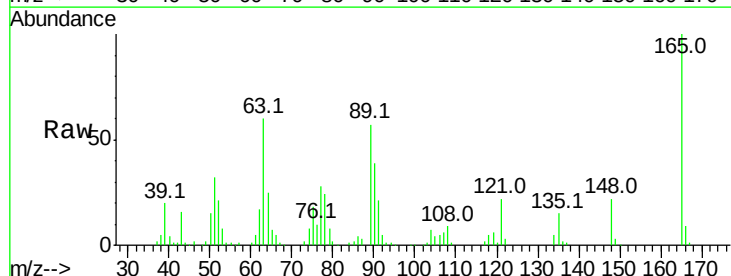
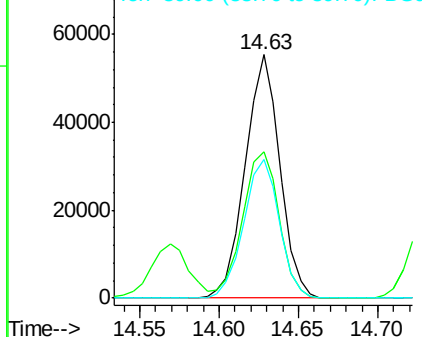
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

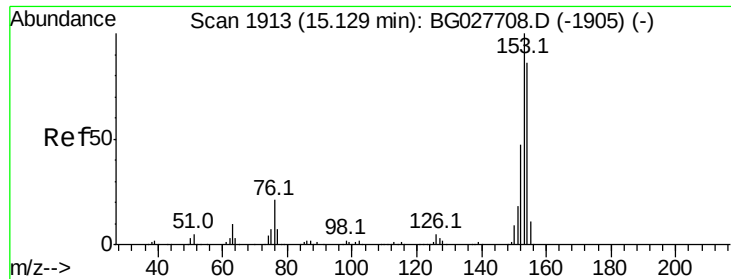


#50
2,6-Dinitrotoluene
Concen: 41.94 ng
RT: 14.63 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83944		
63	60.3		63.9	95.9#
89	57.1		58.6	88.0#

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





#51

Acenaphthene

Concen: 39.16 ng

RT: 15.13 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

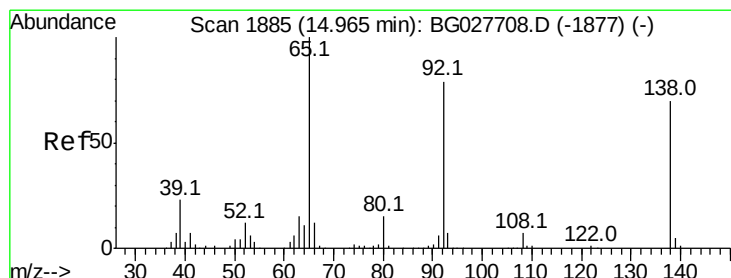
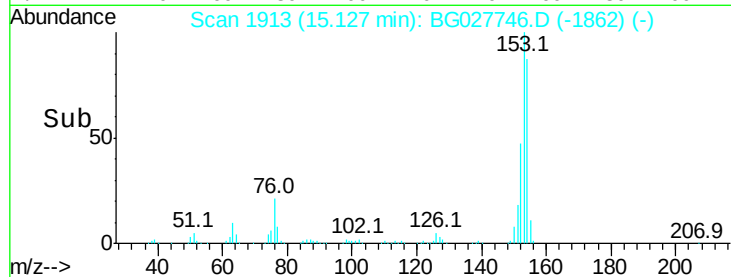
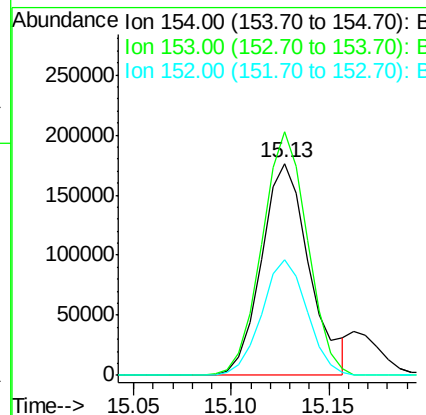
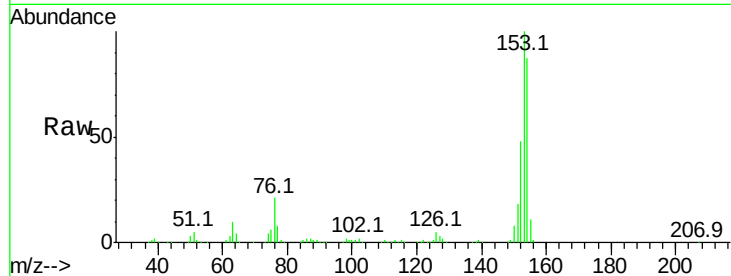
ClientSampleId :

PB100123BS

Tot Ion:	154	Resp:	299738
Ion	Ratio	Lower	Upper
154	100		
153	114.8	87.8	131.6
152	54.8	42.2	63.4

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#52

3-Nitroaniline

Concen: 17.93 ng

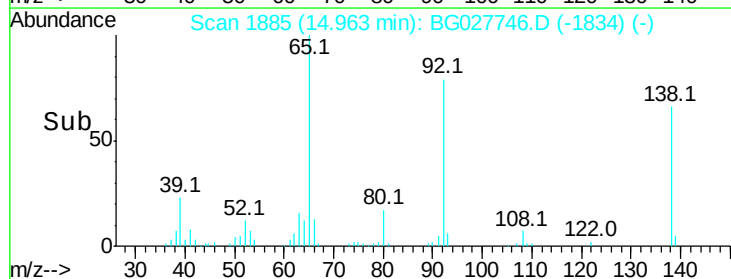
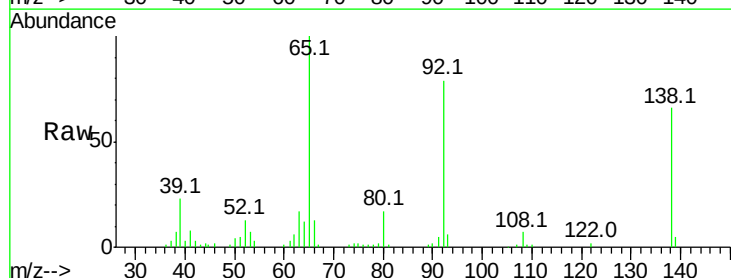
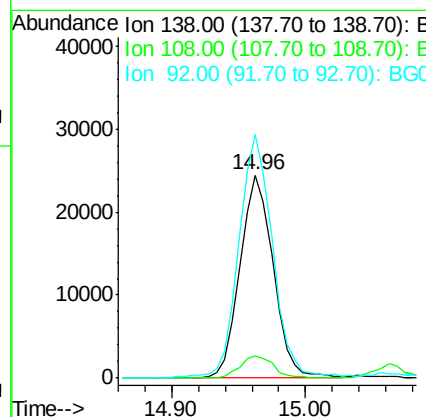
RT: 14.96 min Scan# 1885

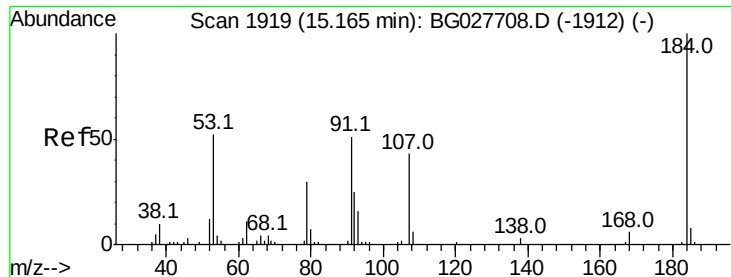
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	138	Resp:	42210
Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.9	16.3
92	120.1	115.3	172.9





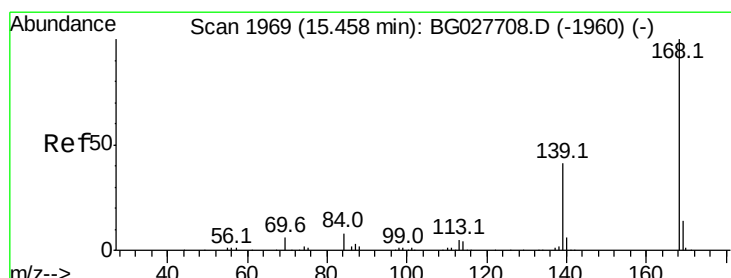
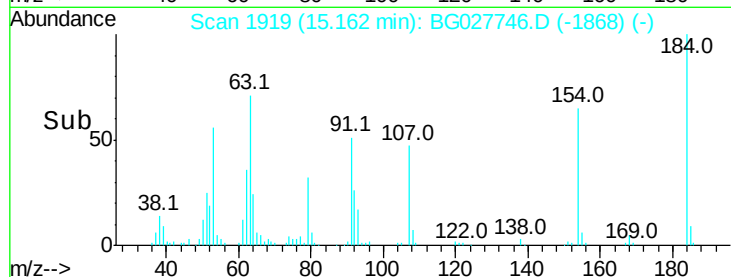
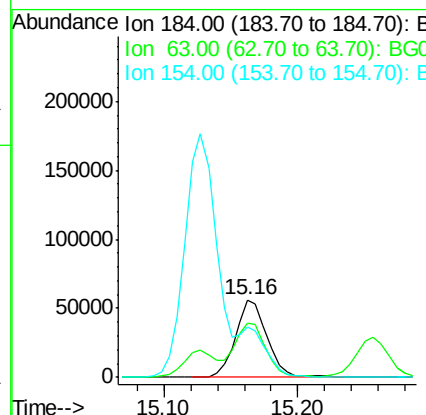
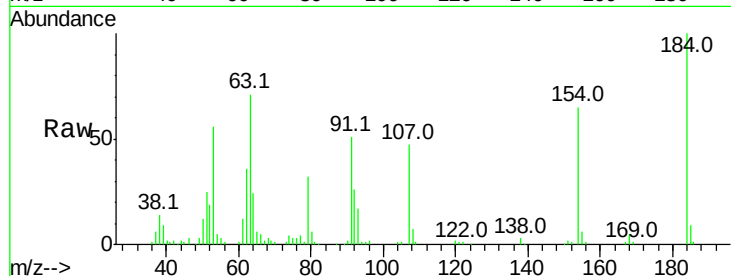
#53
 2,4-Dinitrophenol
 Concen: 83.50 ng
 RT: 15.16 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.0	52.7	79.1
154	64.6	57.3	85.9

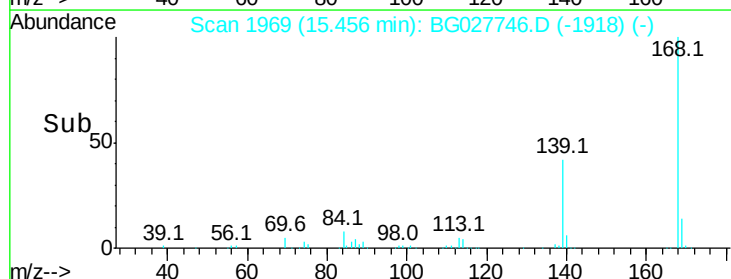
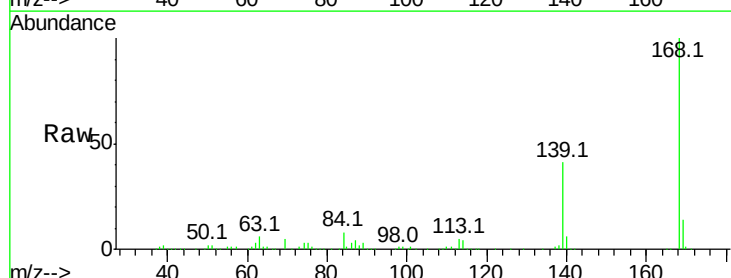
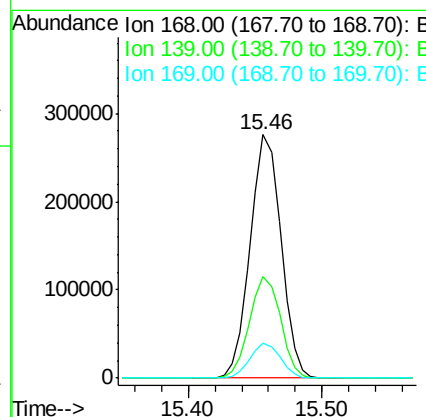
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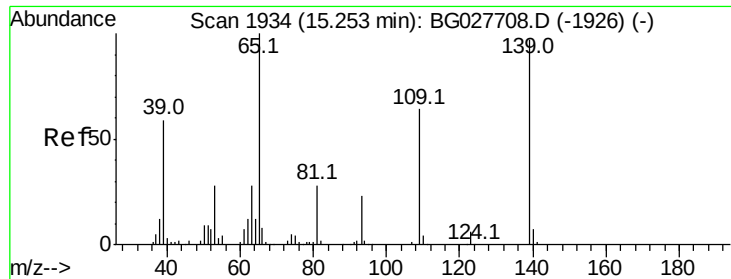
mohammad
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#54
 Dibenzofuran
 Concen: 43.52 ng
 RT: 15.46 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	35.3	52.9
169	14.4	11.5	17.3





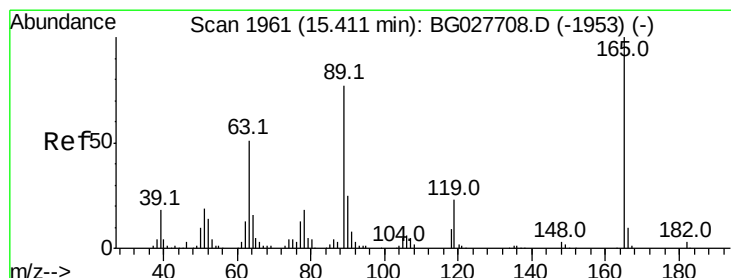
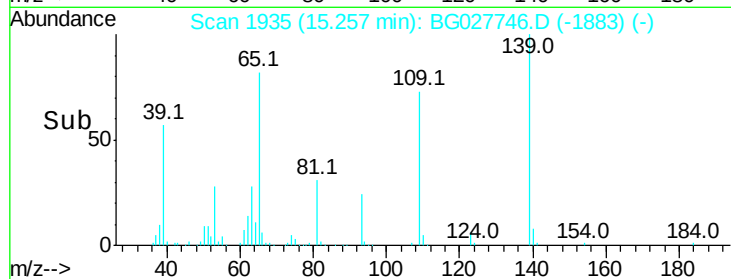
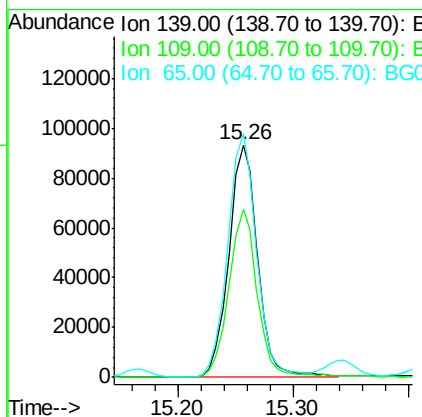
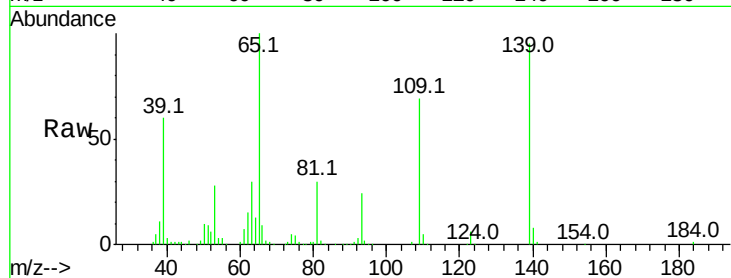
#55
4-Nitrophenol
Concen: 89.70 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.4	101.2	141.2#
65	104.8	135.3	175.3#

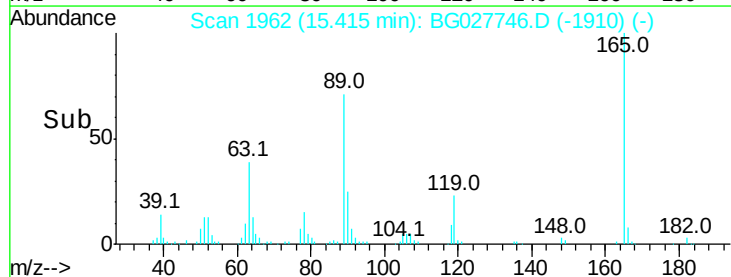
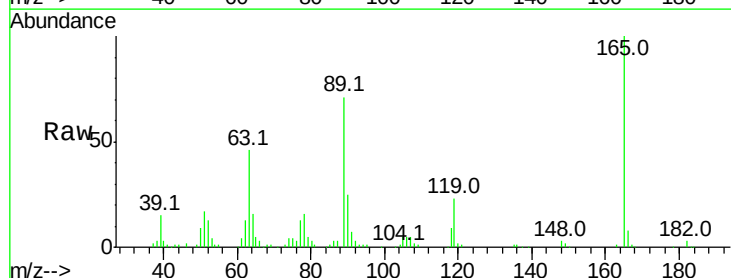
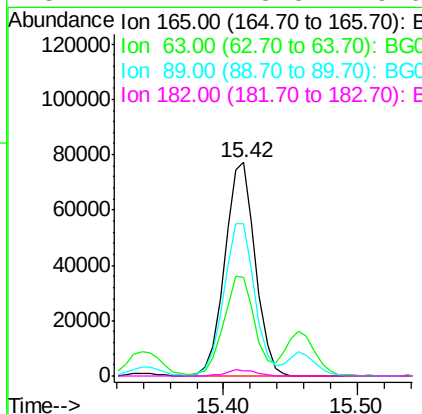
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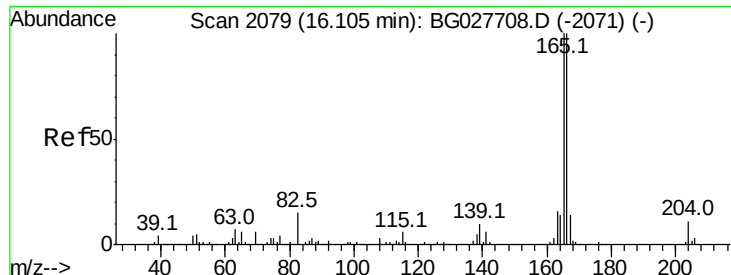
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.16 ng
RT: 15.42 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	44.0	66.0
89	71.2	67.3	100.9
182	2.7	3.8	5.6#





#57

Fluorene

Concen: 40.06 ng

RT: 16.11 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

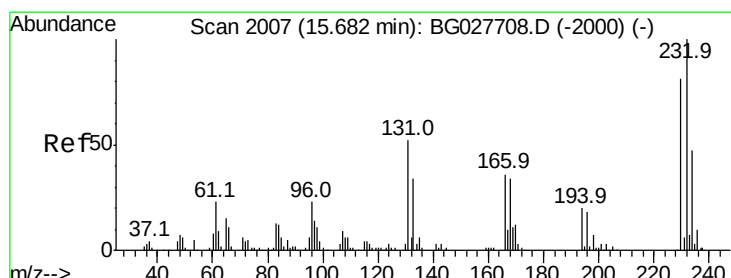
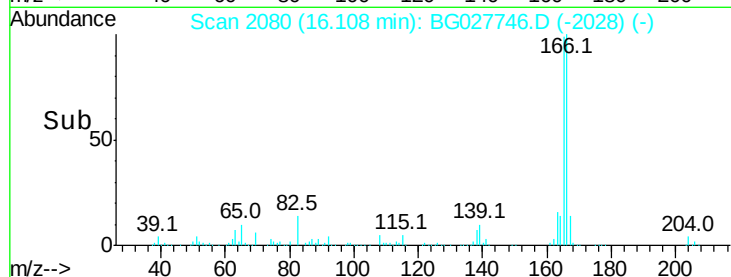
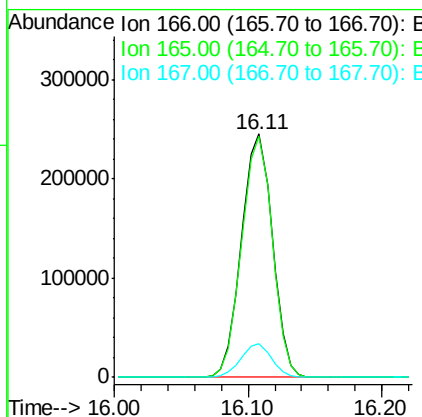
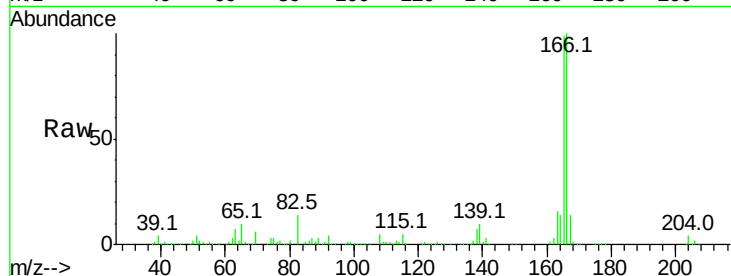
ClientSampleId :

PB100123BS

Tot Ion:	166	Resp:	393056
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.6	117.8
167	13.9	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.04 ng m

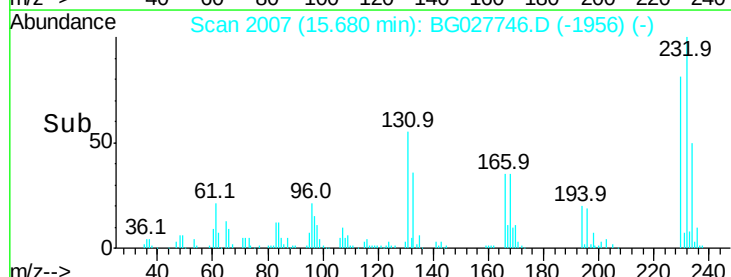
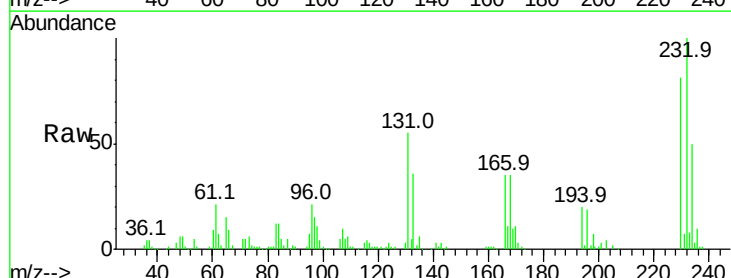
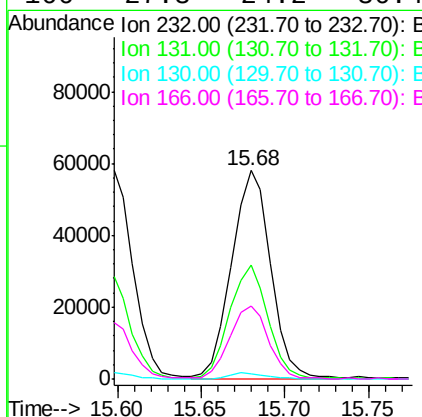
RT: 15.68 min Scan# 2007

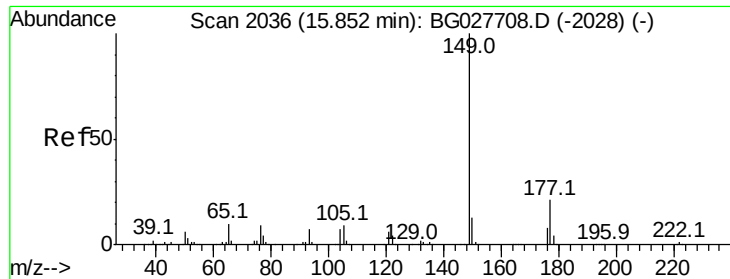
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	232	Resp:	94126
Ion Ratio	Lower	Upper	
232	100		
131	46.7	34.9	52.3
130	2.9	2.3	3.5
166	27.3	24.2	36.4





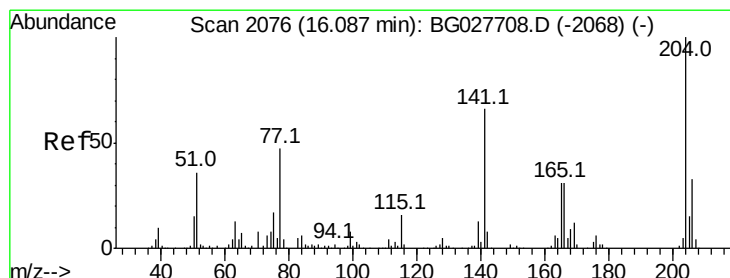
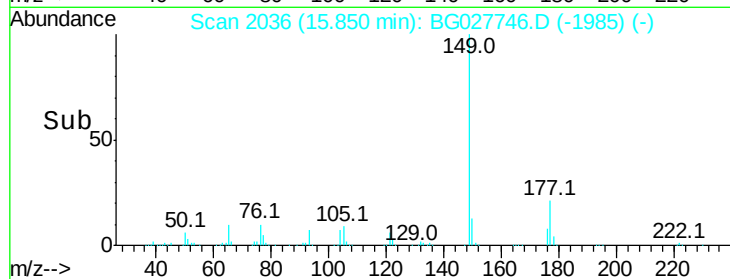
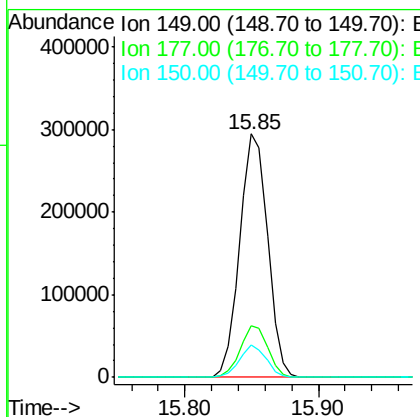
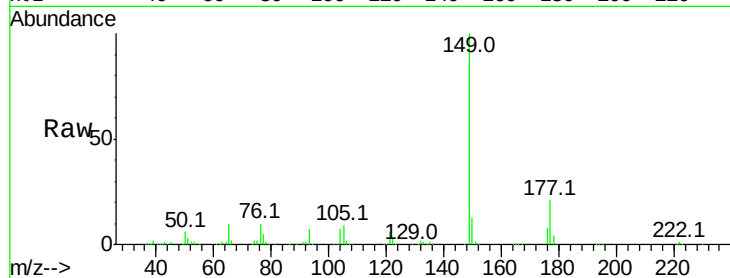
#59
Diethylphthalate
Concen: 41.79 ng
RT: 15.85 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	20.1	30.1
150	13.2	10.2	15.2

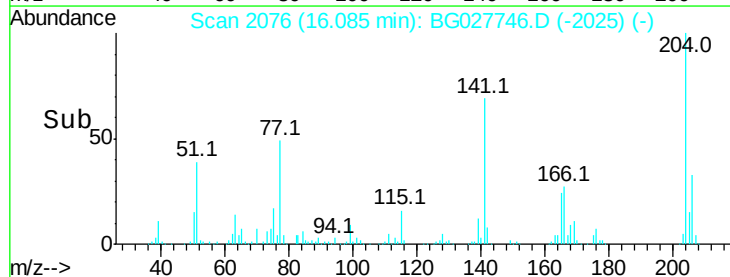
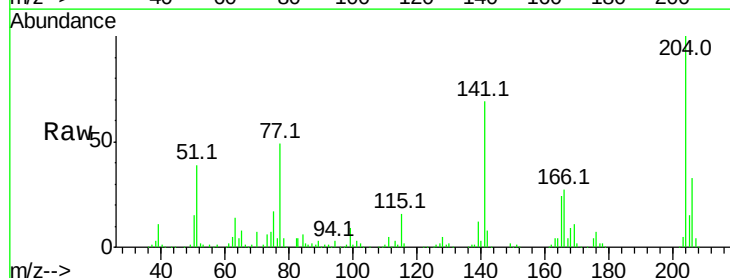
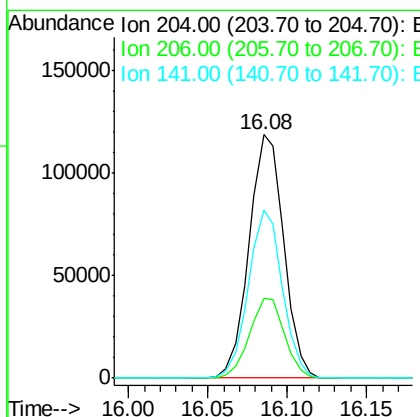
Manual Integrations
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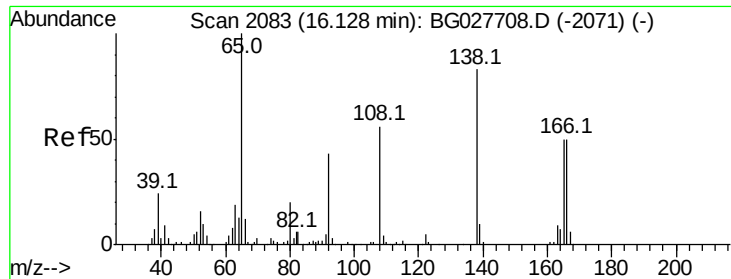
mohammad
6/30/2017 2:50:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.48 ng
RT: 16.08 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	30.1	45.1
141	68.8	50.6	76.0





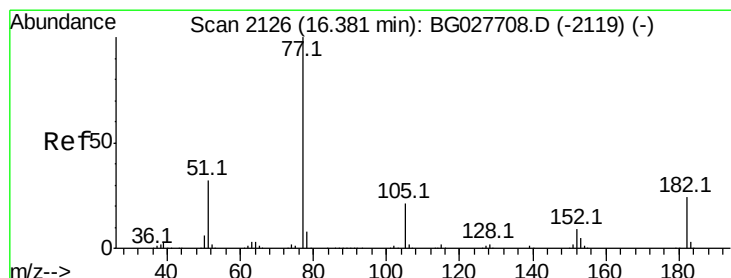
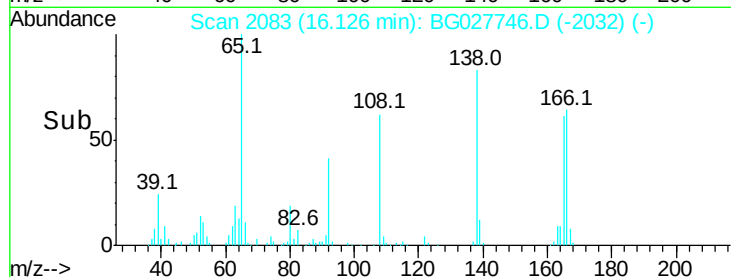
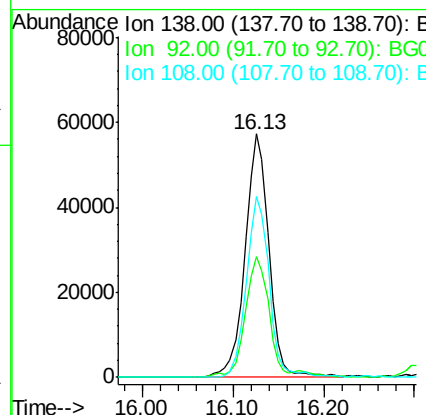
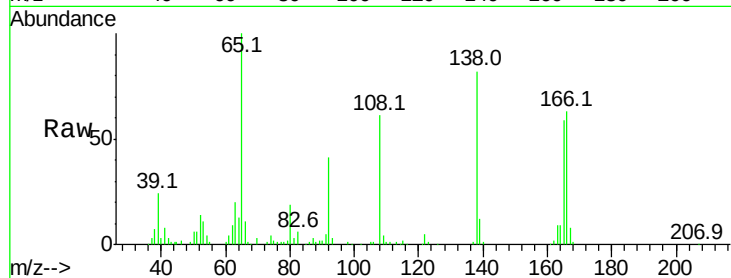
#61
4-Nitroaniline
Concen: 42.37 ng
RT: 16.13 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.7	44.2	84.2	
108	74.0	104.8	144.8	

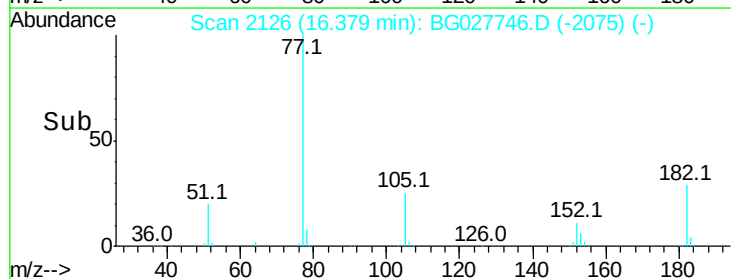
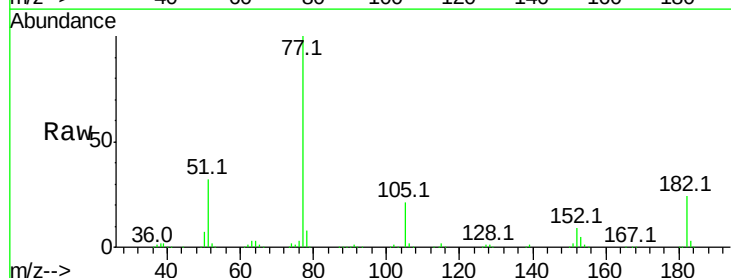
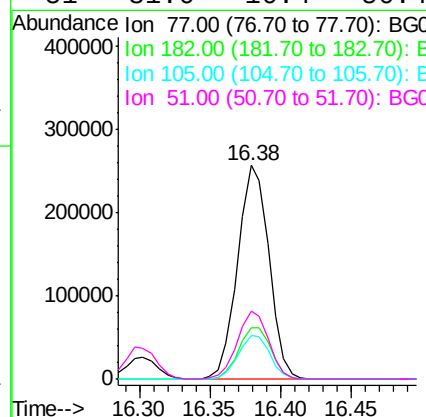
Manual Integrations
APPROVED

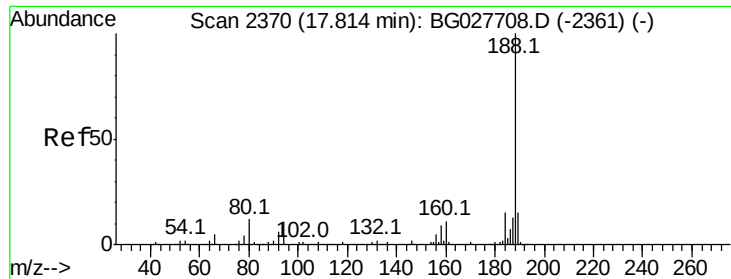
mohammad
6/30/2017 2:50:42 PM



#62
Azobenzene
Concen: 44.43 ng
RT: 16.38 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.1	4.7	44.7	
105	20.5	0.0	36.3	
51	31.6	16.4	56.4	





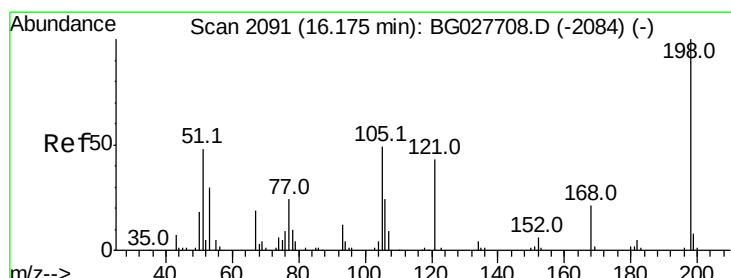
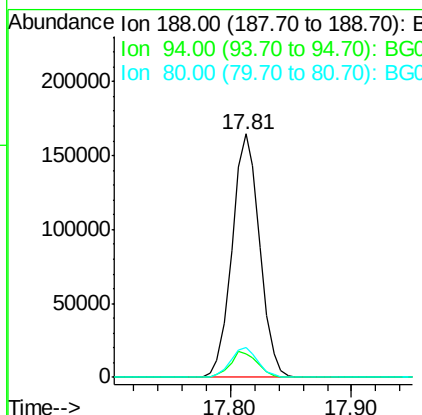
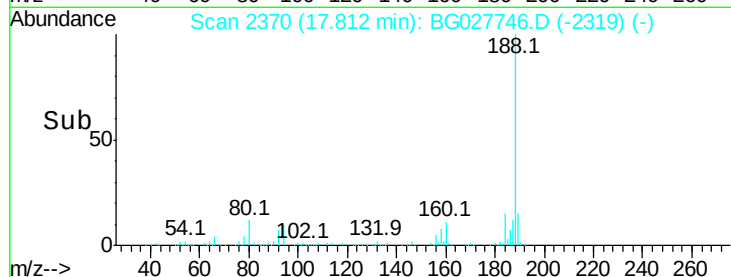
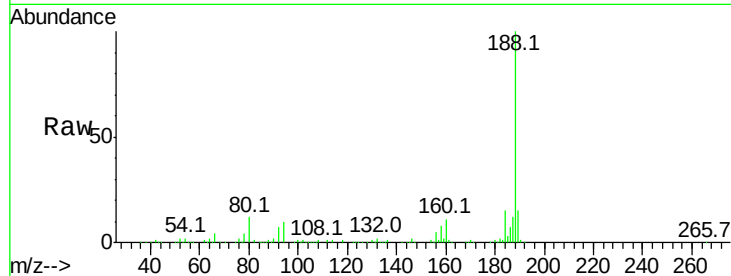
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	261137		
94	9.7	5.8	8.8#	
80	12.4	7.5	11.3#	

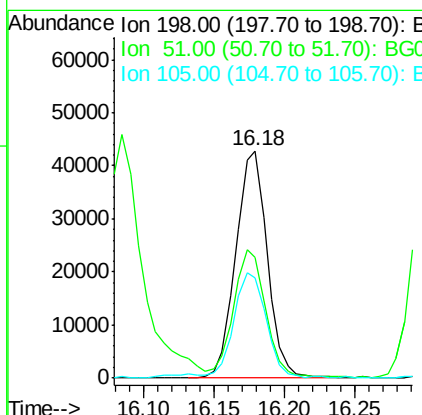
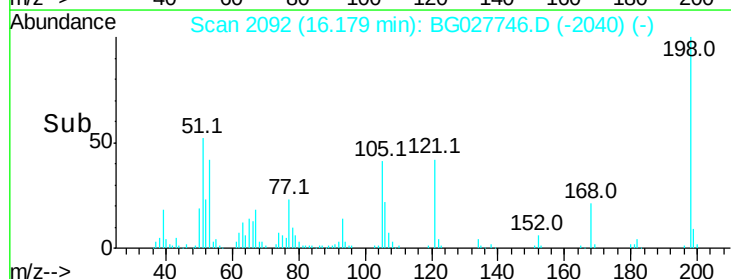
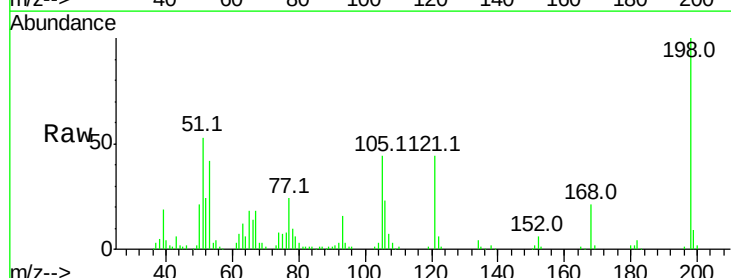
Manual Integrations
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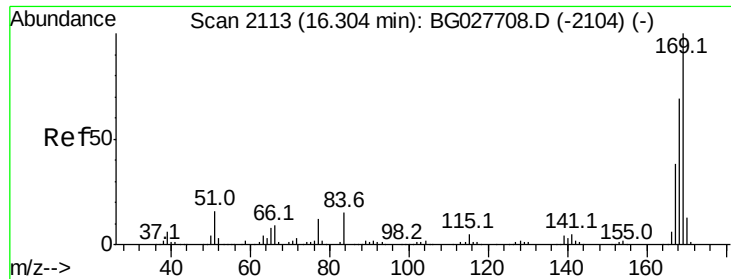
mohammad
6/30/2017 2:50:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.83 ng
RT: 16.18 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66717		
51	53.3	22.6	62.6	
105	44.1	14.4	54.4	





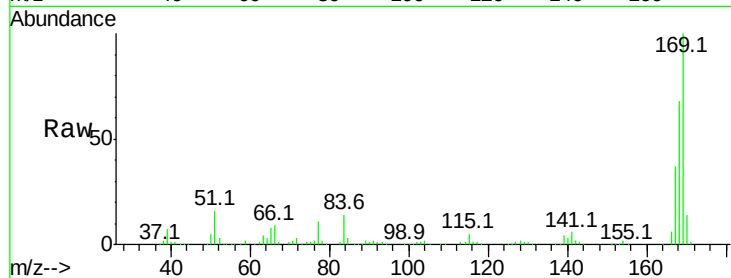
#65
 n-Nitrosodiphenylamine
 Concen: 41.18 ng
 RT: 16.30 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	37.1	29.8	44.6

Manual Integrations
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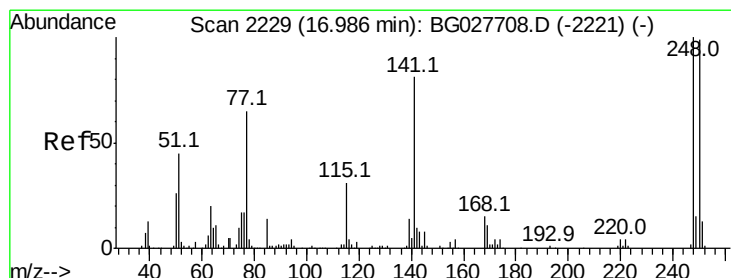
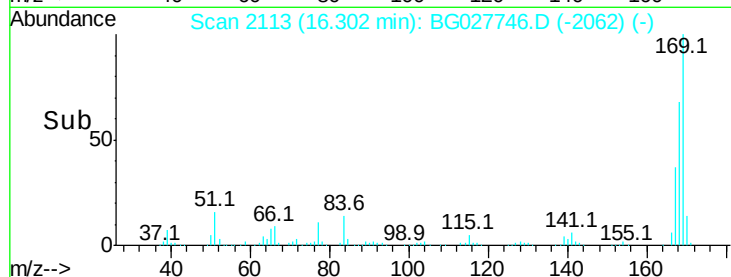
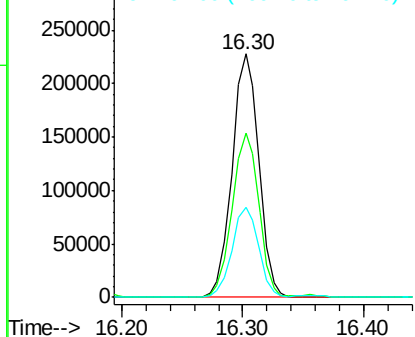


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 42.92 ng
 RT: 16.98 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

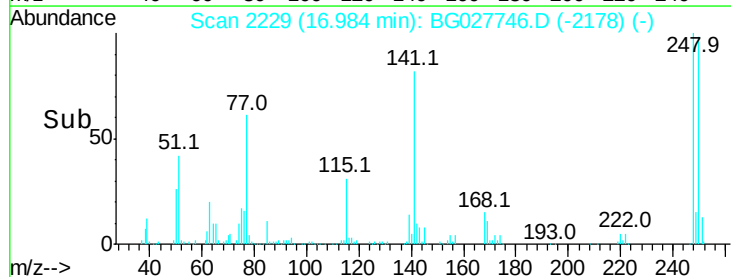
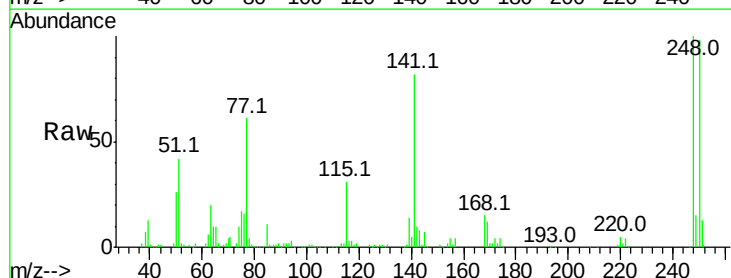
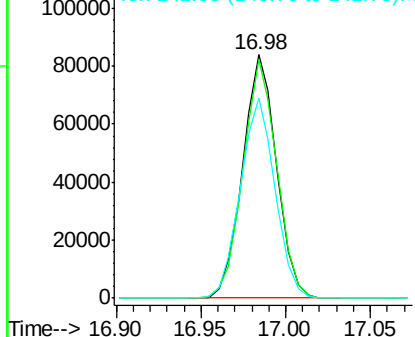
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.0	112.6
141	82.1	55.2	82.8

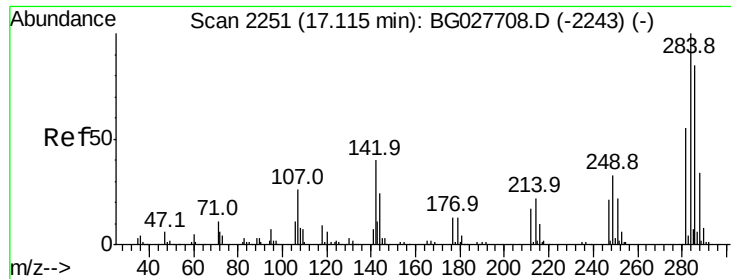
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





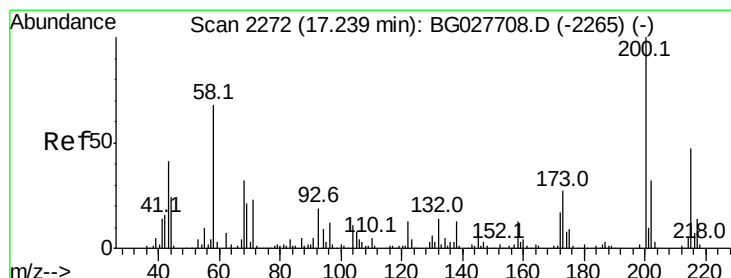
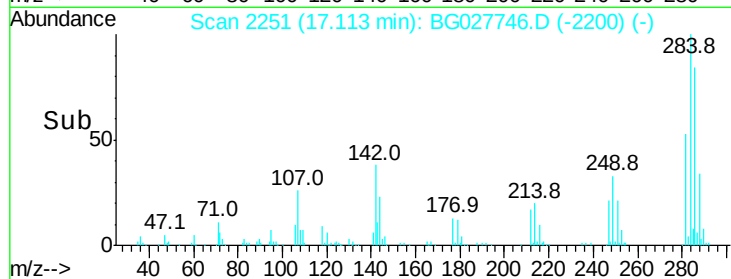
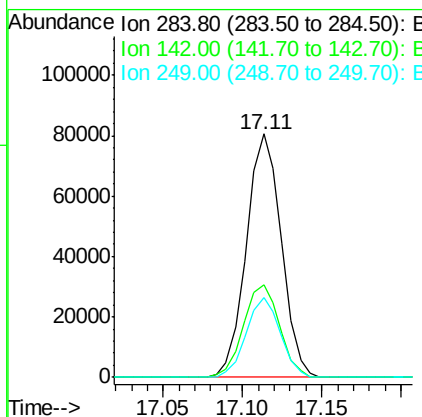
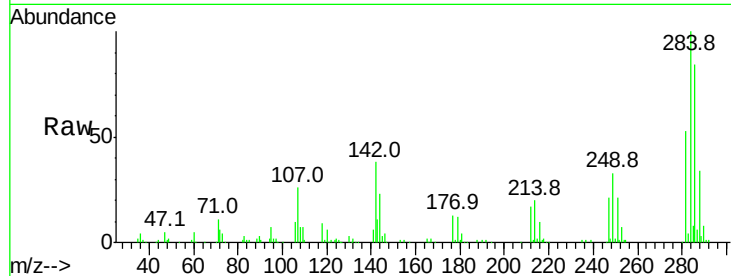
#67
Hexachlorobenzene
Concen: 42.53 ng
RT: 17.11 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	38.0	29.9	44.9
249	32.5	29.2	43.8

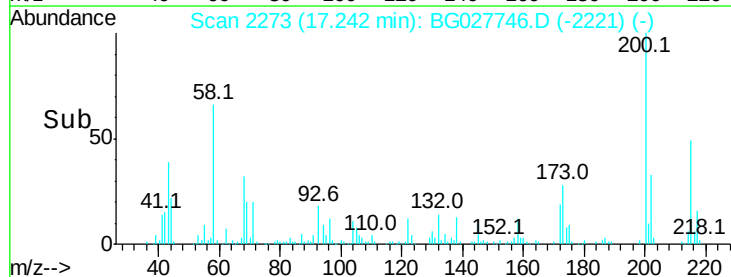
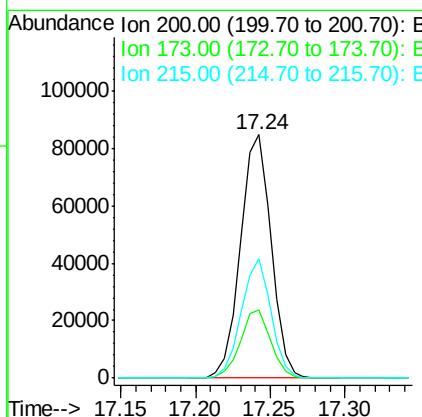
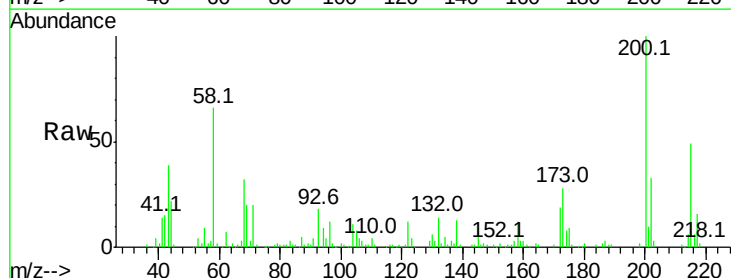
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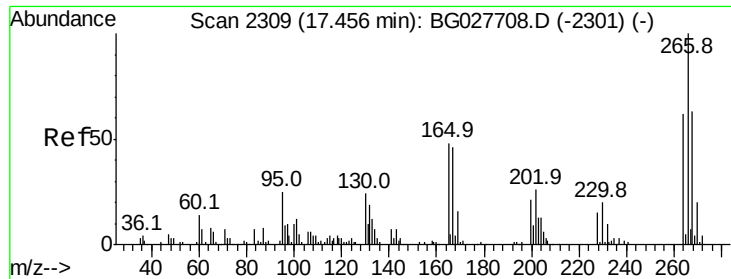
mohammad
6/30/2017 2:50:42 PM



#68
Atrazine
Concen: 44.97 ng
RT: 17.24 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	3.0	43.0
215	48.9	28.4	68.4





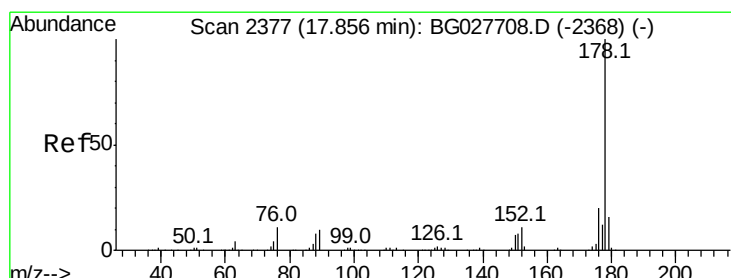
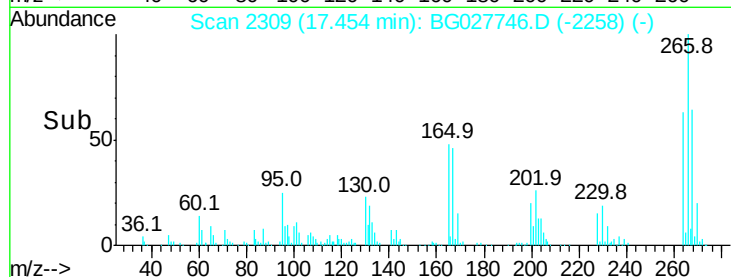
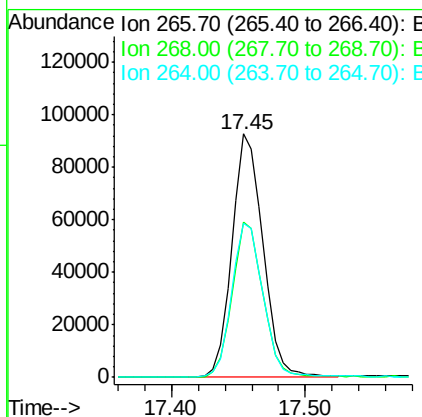
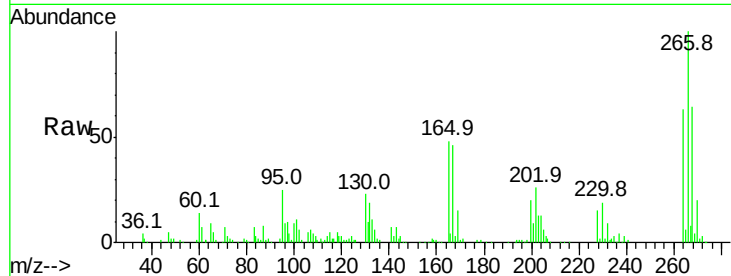
#69
 Pentachlorophenol
 Concen: 81.25 ng
 RT: 17.45 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	48.6	72.8
264	63.3	50.1	75.1

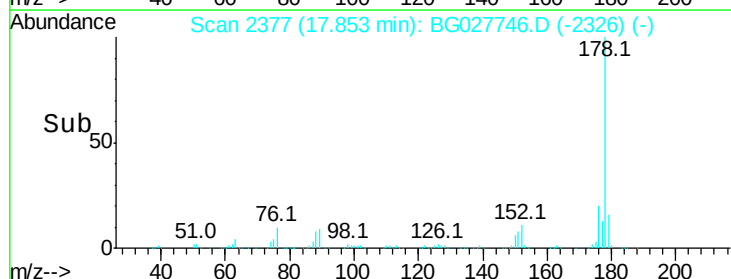
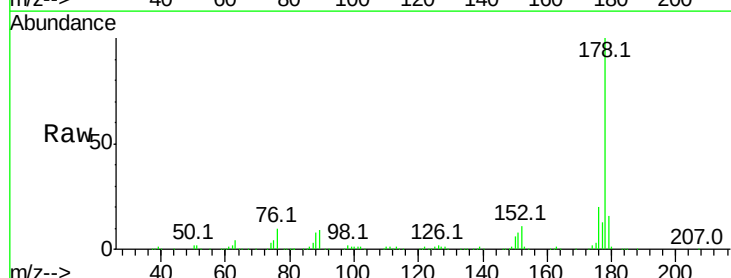
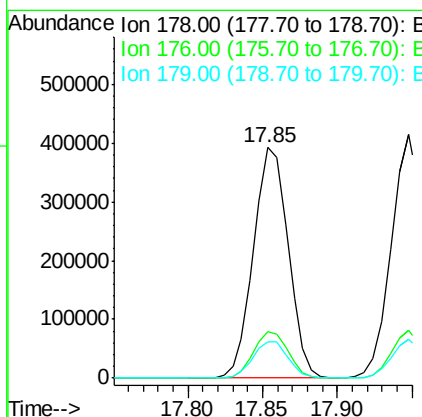
Manual Integrations
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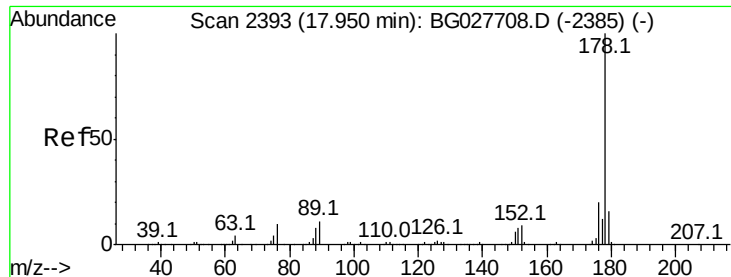
mohammad
 6/30/2017 2:50:42 PM



#70
 Phenanthrene
 Concen: 42.06 ng
 RT: 17.85 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.7	26.5
179	15.9	15.0	22.6





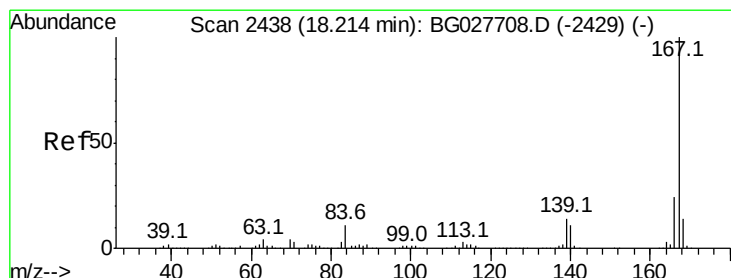
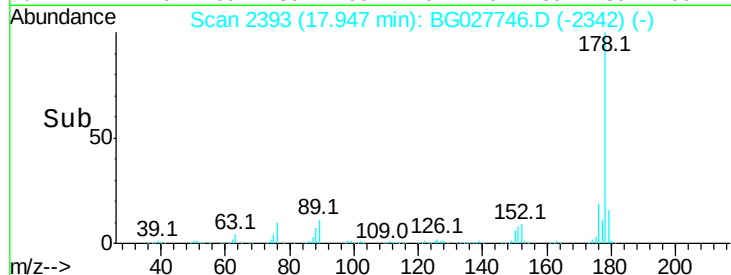
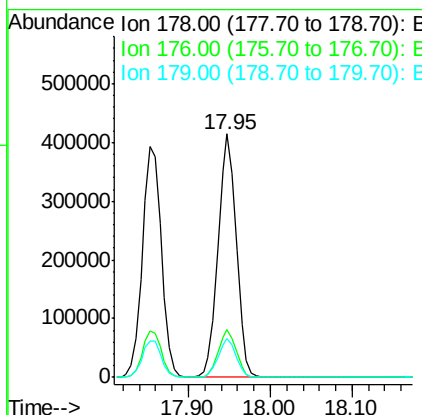
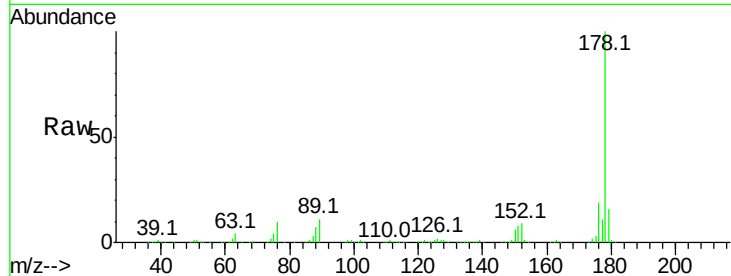
#71
 Anthracene
 Concen: 42.29 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampled :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	15.7	13.8	20.8

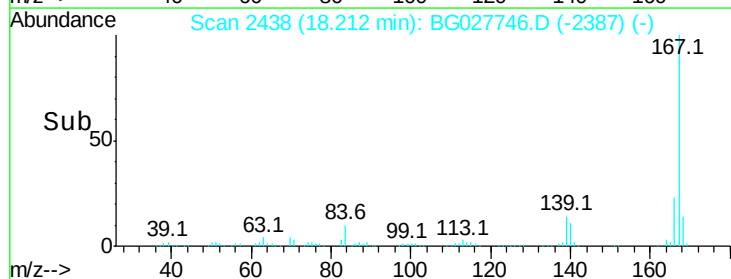
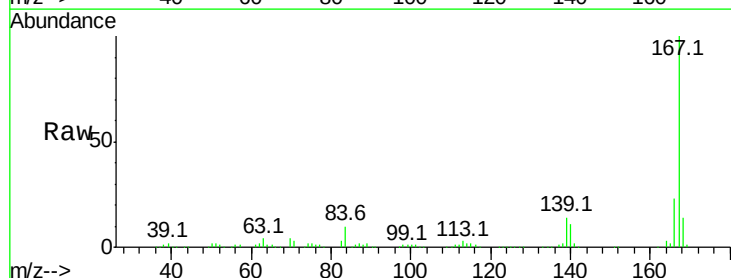
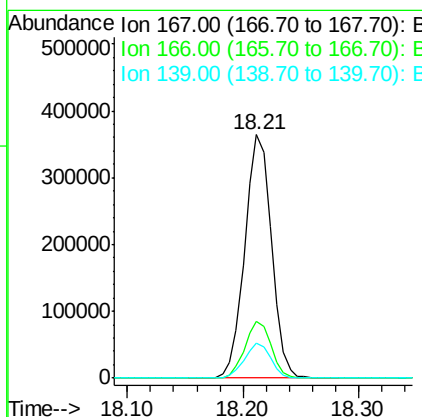
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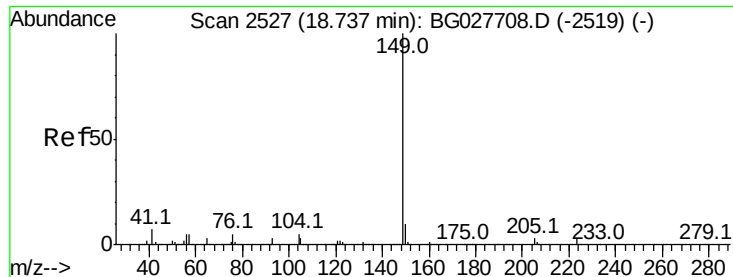
mohammad
 6/30/2017 2:50:42 PM



#72
 Carbazole
 Concen: 39.15 ng
 RT: 18.21 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.2	30.2
139	14.4	12.8	19.2





#73

Di-n-butylphthalate

Concen: 45.12 ng

RT: 18.73 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

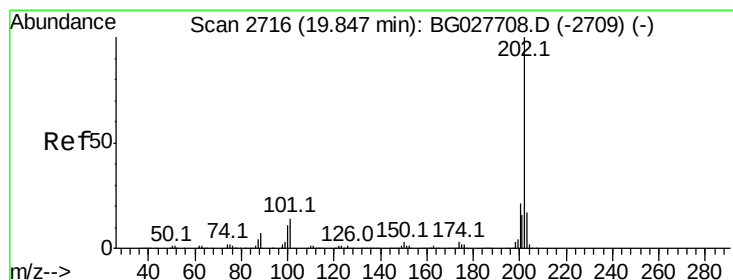
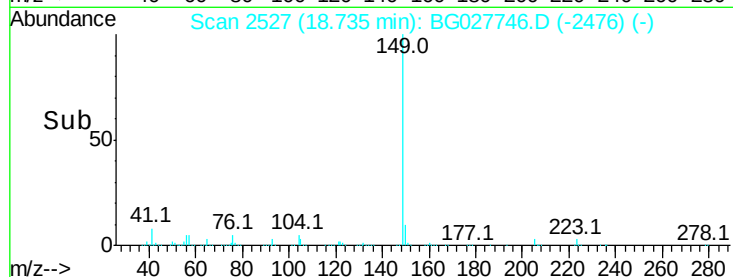
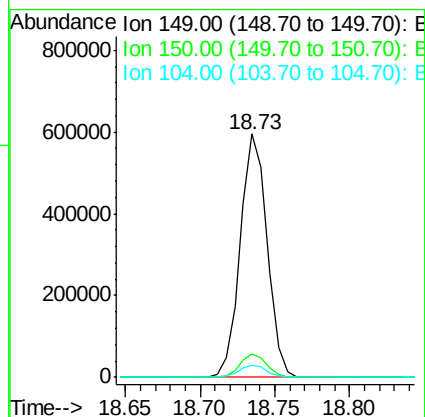
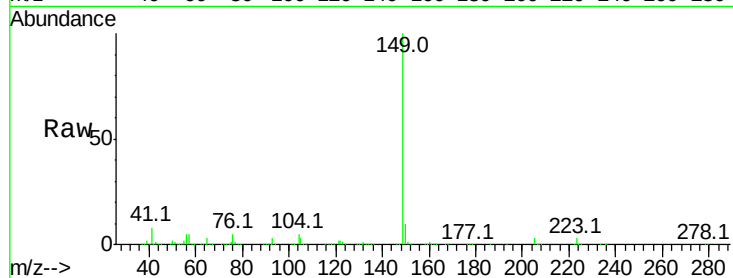
ClientSampleId :

PB100123BS

Tot Ion:	149	Resp:	743330
Ion Ratio	Lower	Upper	
149	100		
150	9.8	9.1	13.7
104	5.1	6.7	10.1#

Manual Integrations
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6/30/2017 2:50:42 PM



#74

Fluoranthene

Concen: 43.42 ng

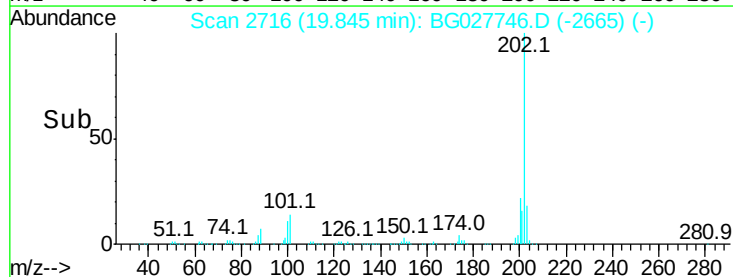
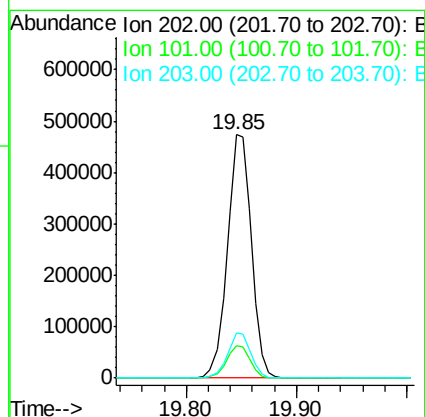
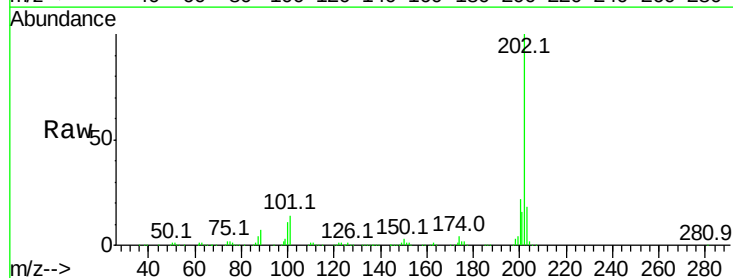
RT: 19.85 min Scan# 2716

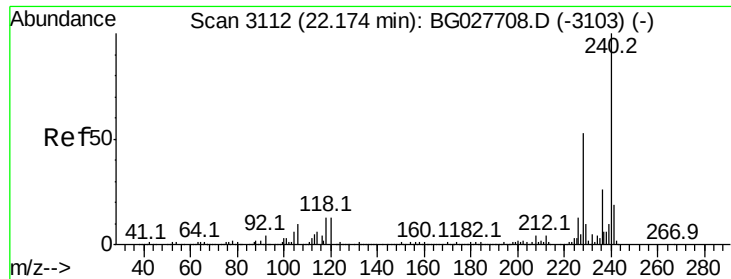
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion:	202	Resp:	715444
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	30.1
203	18.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

ClientSampleId :

PB100123BS

Tot Ion:240 Resp: 287328

Ion Ratio Lower Upper

240 100

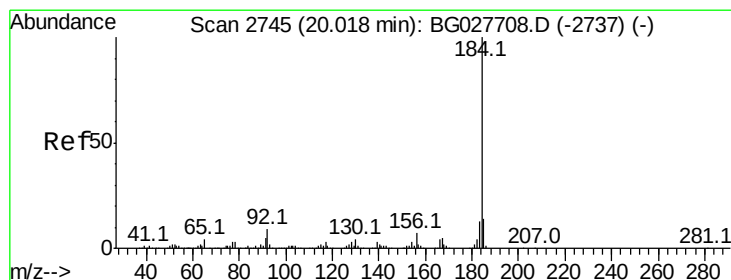
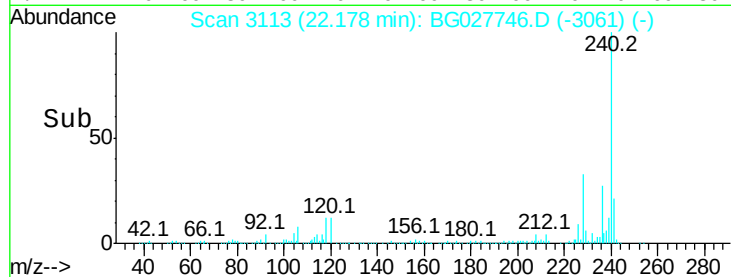
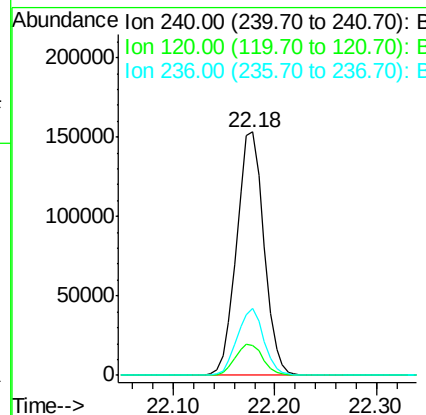
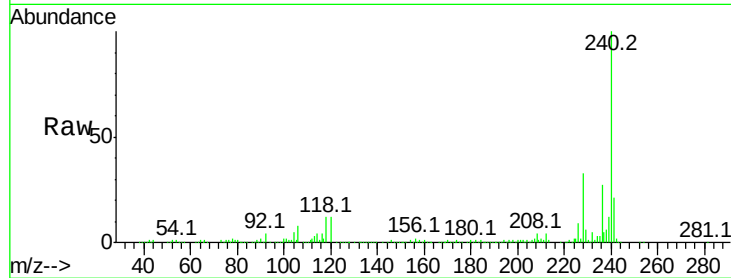
120 12.1 5.7 8.5#

236 27.3 22.2 33.4

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#76

Benzidine

Concen: 45.42 ng

RT: 20.02 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

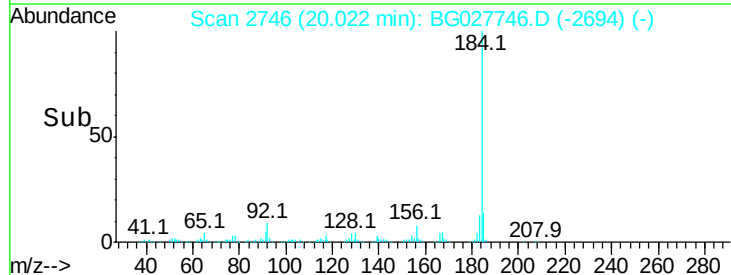
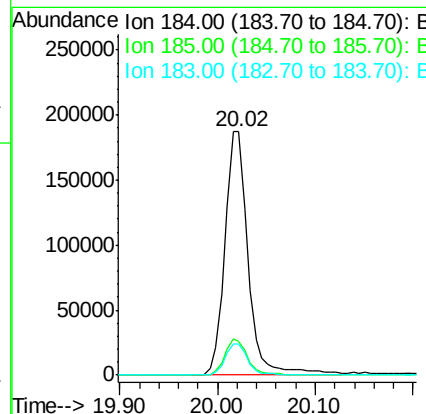
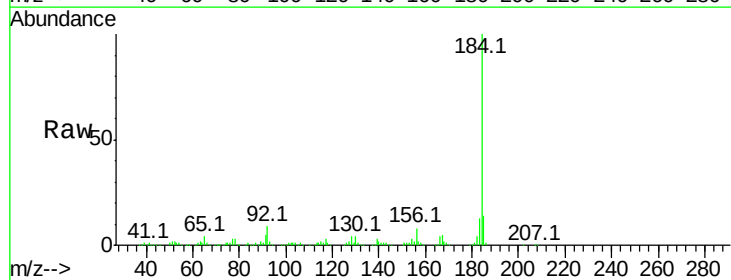
Tgt Ion:184 Resp: 309371

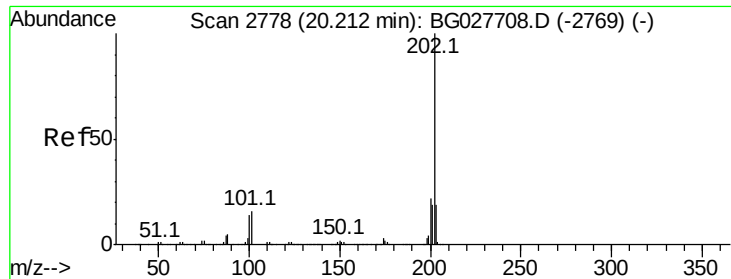
Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

183 12.9 11.0 16.6





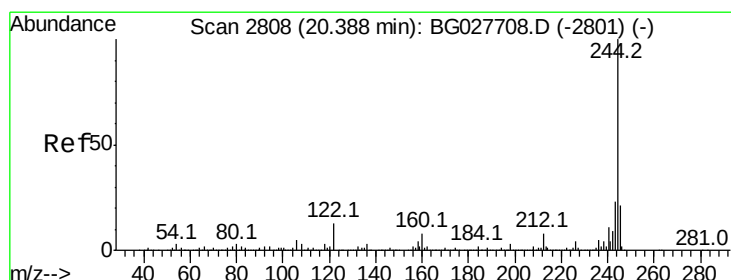
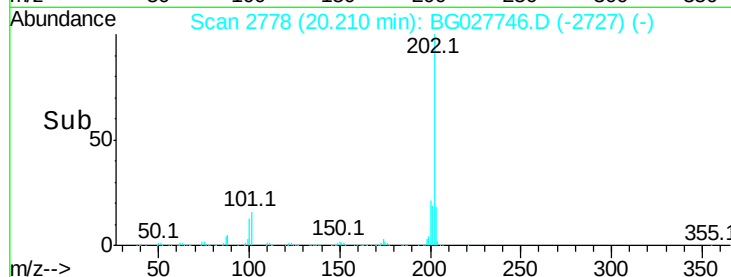
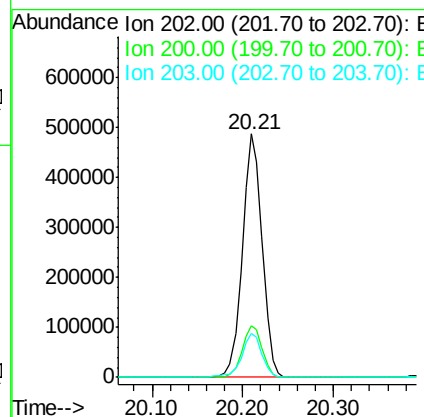
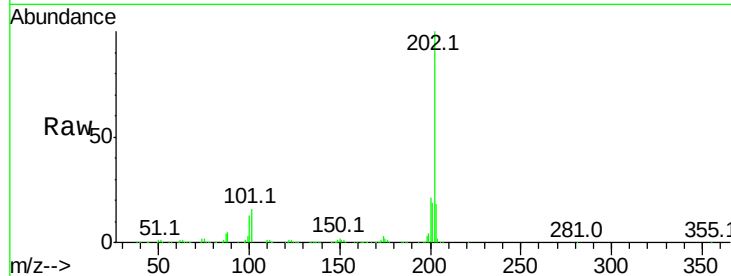
#77
Pvrene
Concen: 40.87 ng
RT: 20.21 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.6	29.4
203	18.1	15.8	23.8

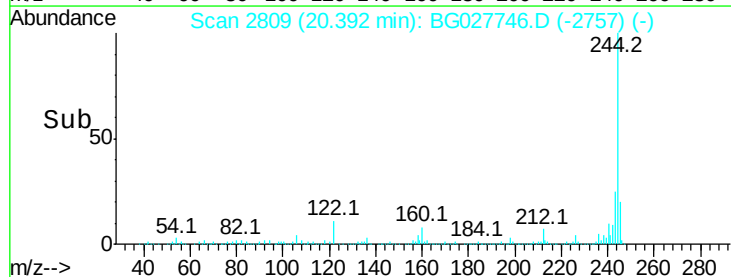
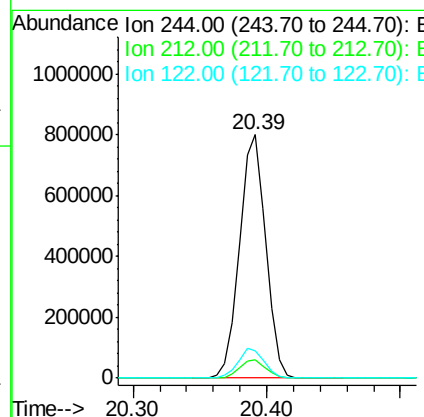
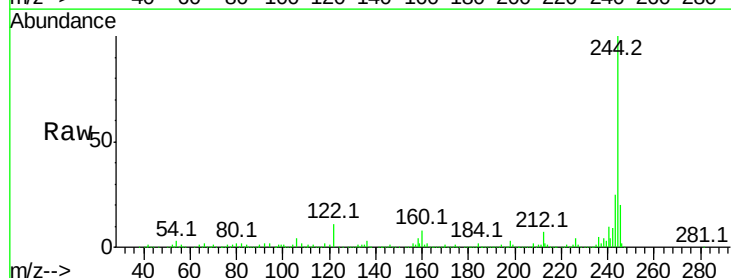
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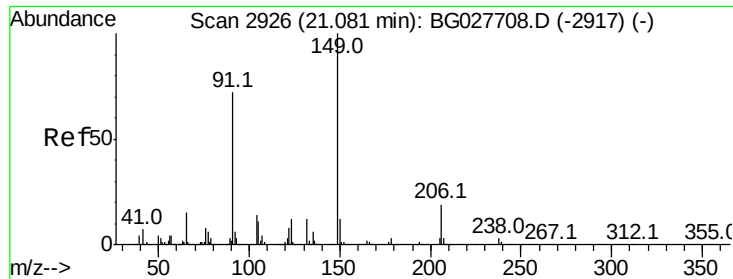
mohammad
6/30/2017 2:50:42 PM



#78
Terphenyl-d14
Concen: 88.80 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	11.4	8.6	12.8





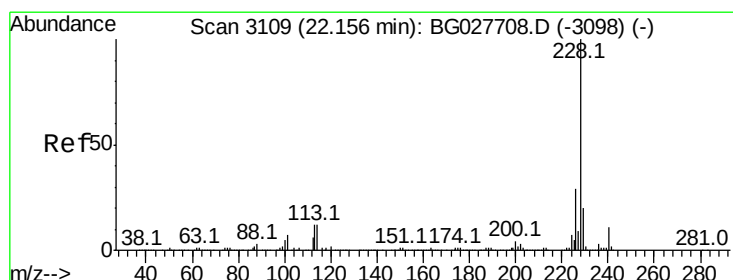
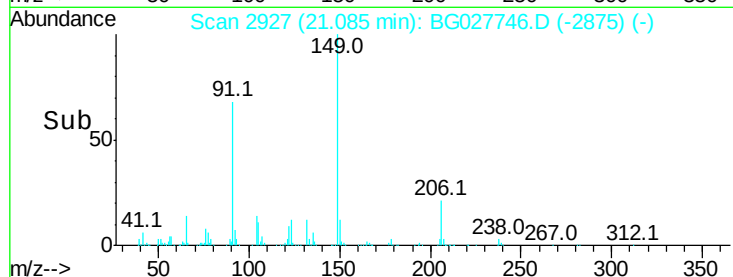
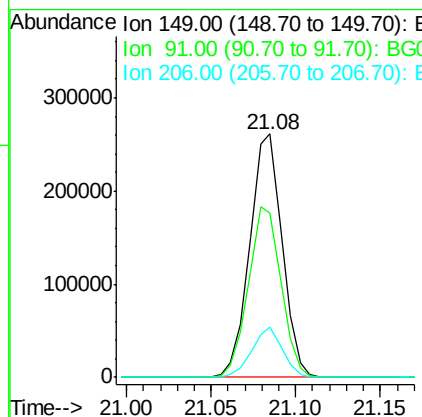
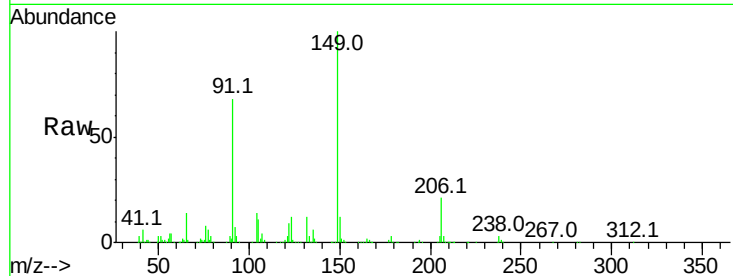
#79
Butylbenzylphthalate
Concen: 42.97 ng
RT: 21.08 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	67.6	63.5	95.3
206	20.6	21.0	31.6

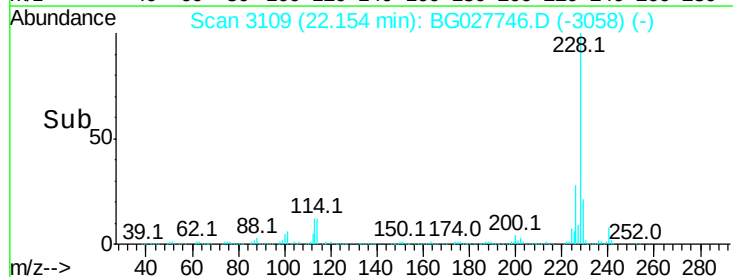
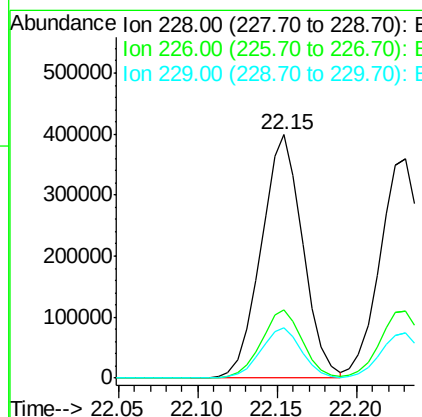
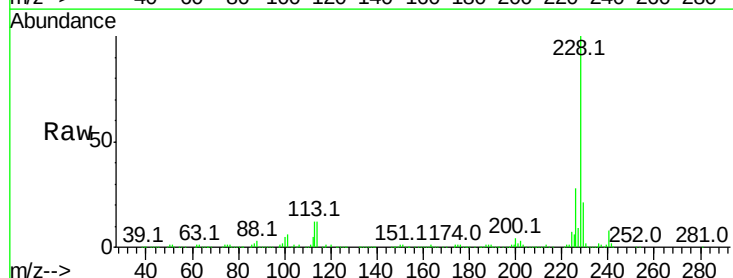
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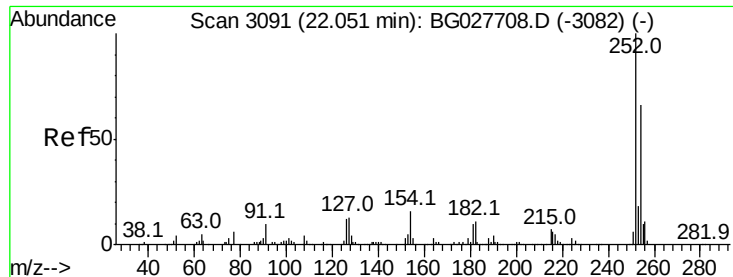
mohammad
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#80
Benzo(a)anthracene
Concen: 41.76 ng
RT: 22.15 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.8	24.9	37.3
229	20.6	18.2	27.2





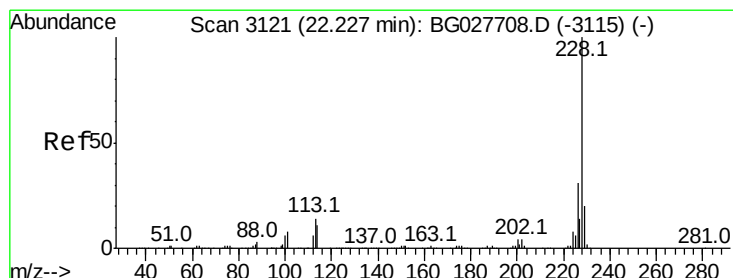
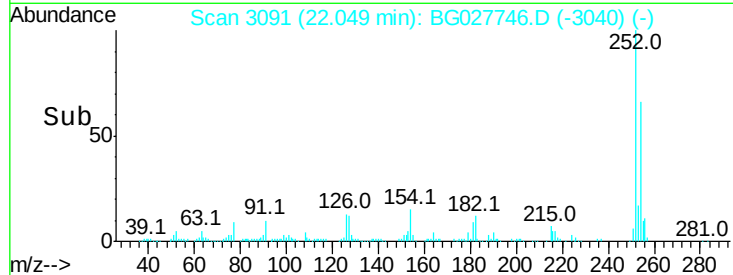
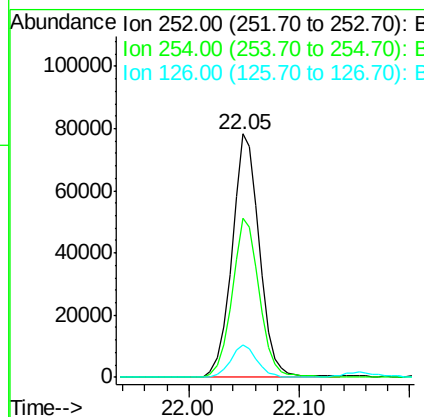
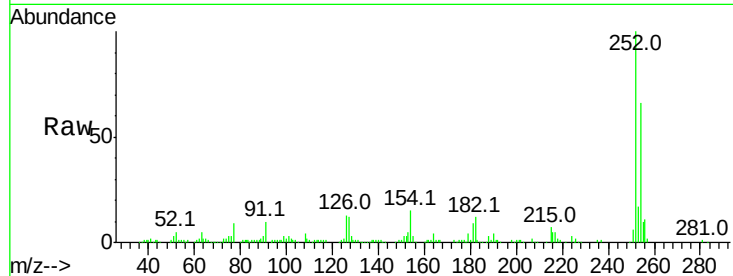
#81
 3,3'-Dichlorobenzidine
 Concen: 21.59 ng
 RT: 22.05 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.1	79.7
126	13.3	7.0	10.4

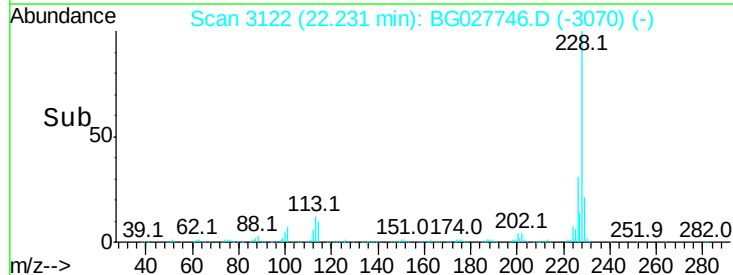
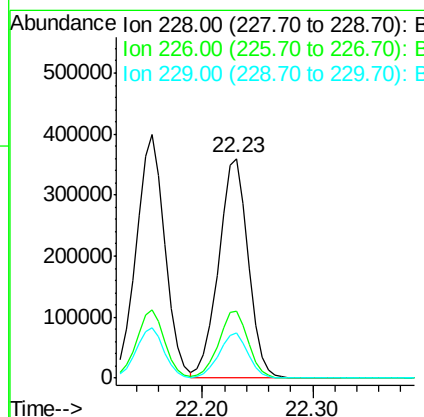
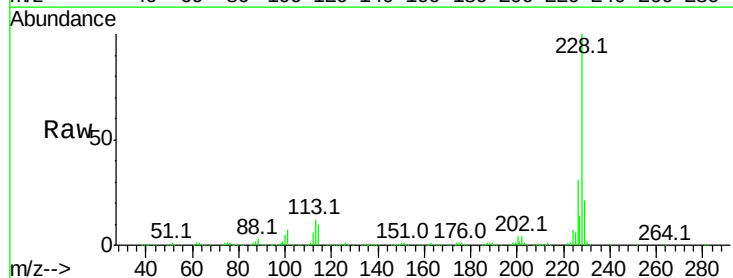
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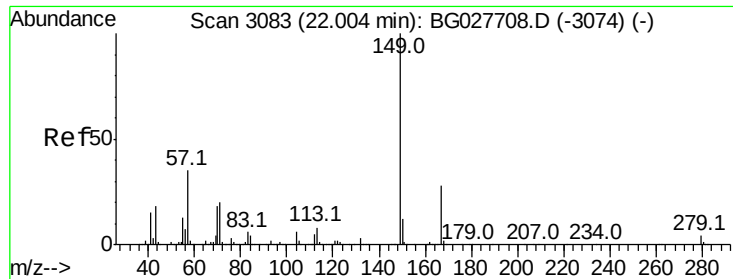
mohammad
 6/30/2017 2:50:42 PM



#82
 Chrysene
 Concen: 40.98 ng
 RT: 22.23 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	27.0	40.4
229	20.6	17.8	26.6





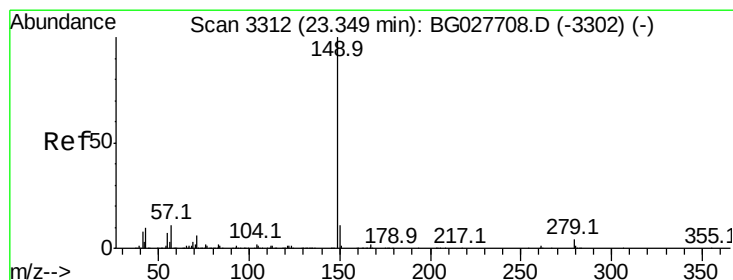
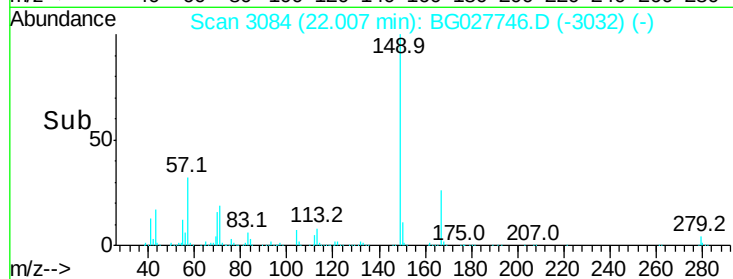
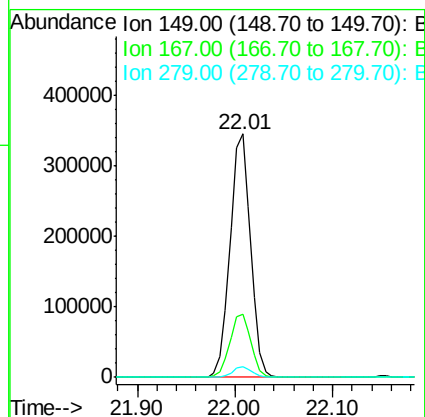
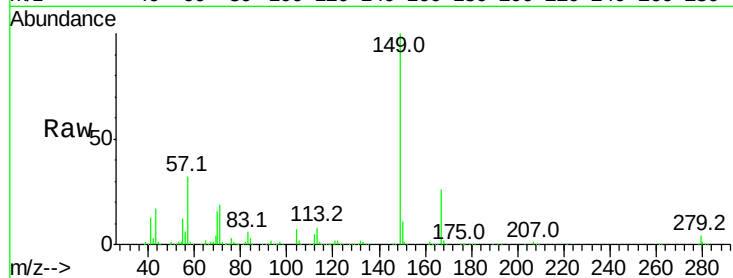
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.20 ng
 RT: 22.01 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.7	35.5
279	4.2	4.6	6.8#

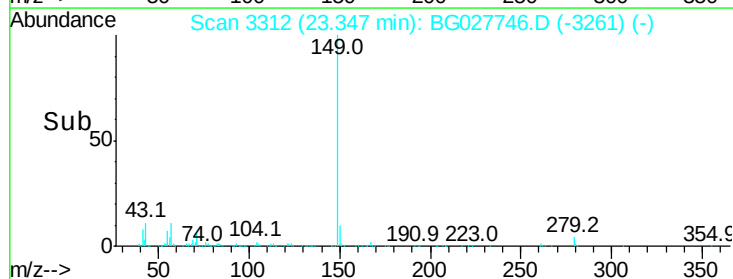
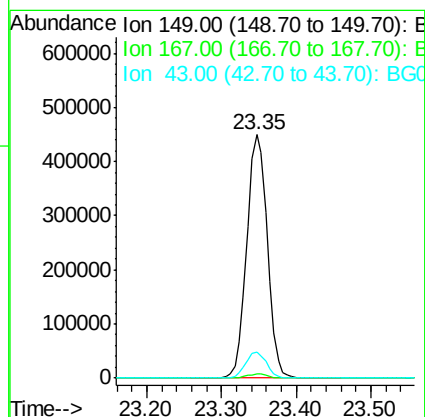
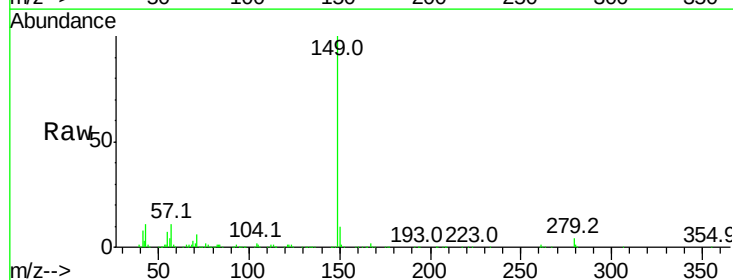
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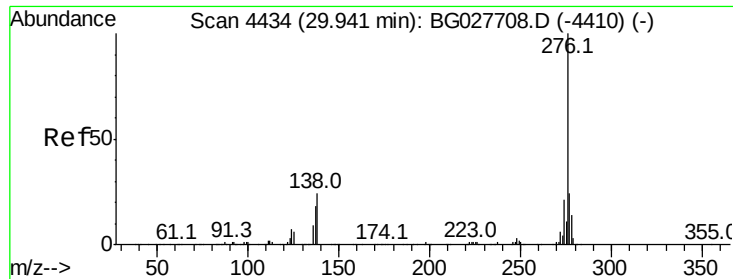
mohammad
 6/30/2017 2:50:42 PM



#84
 Di-n-octyl phthalate
 Concen: 43.65 ng
 RT: 23.35 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	10.9	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.65 ng

RT: 29.94 min Scan# 4434

Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Instrument :

BNA_G

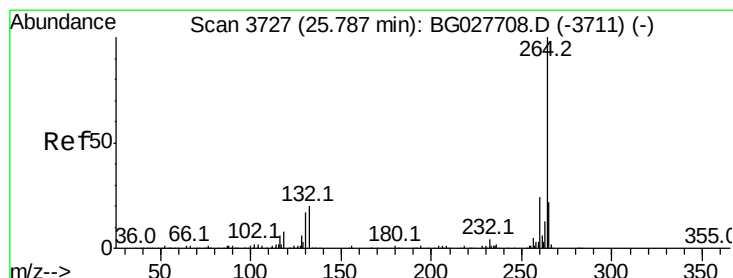
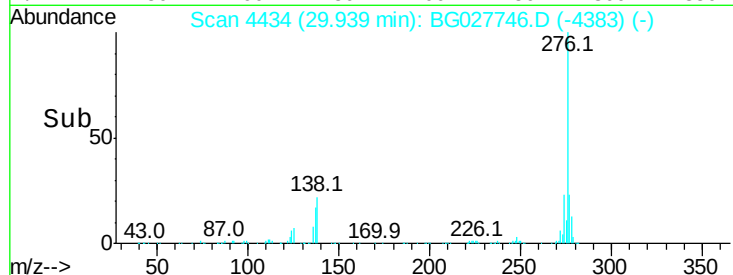
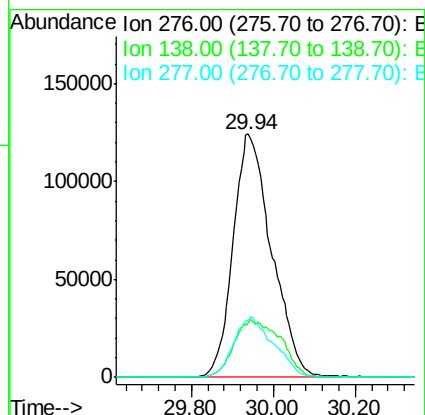
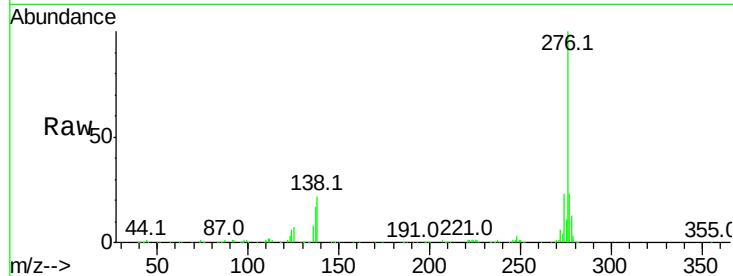
ClientSampleId :

PB100123BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	4.7	7.1#
277	25.8	20.6	31.0

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

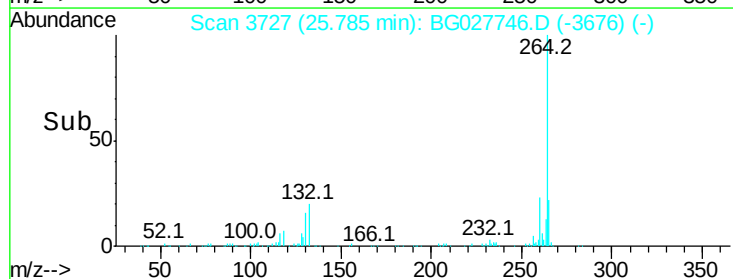
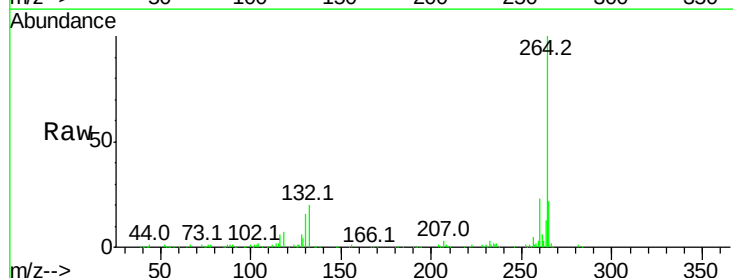
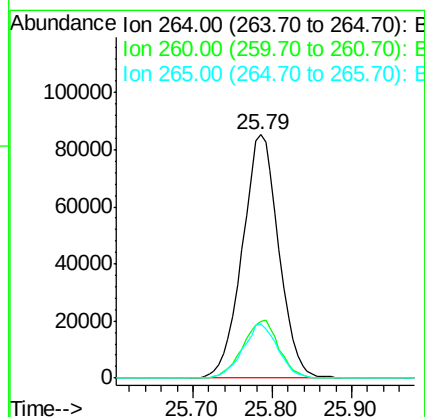
RT: 25.79 min Scan# 3727

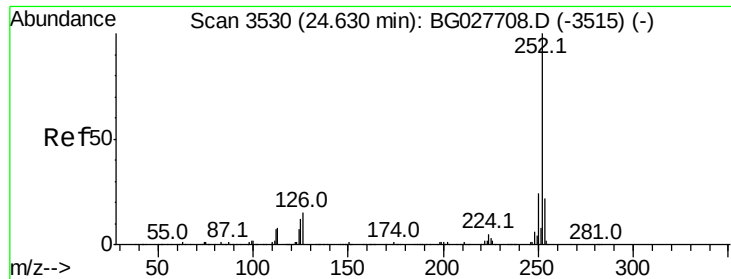
Delta R.T. -0.00 min

Lab File: BG027746.D

Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.3	18.2	27.4





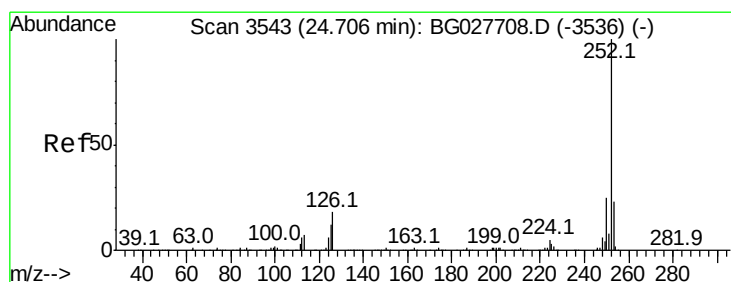
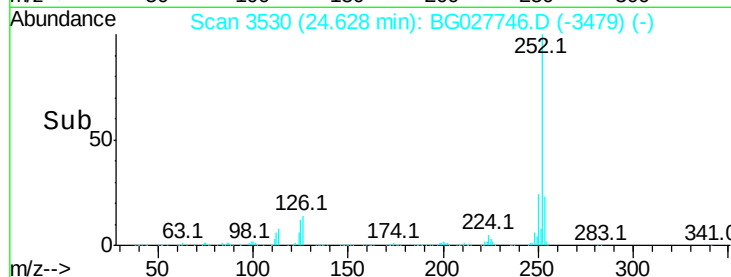
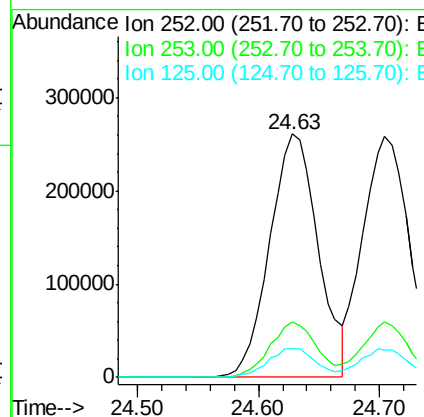
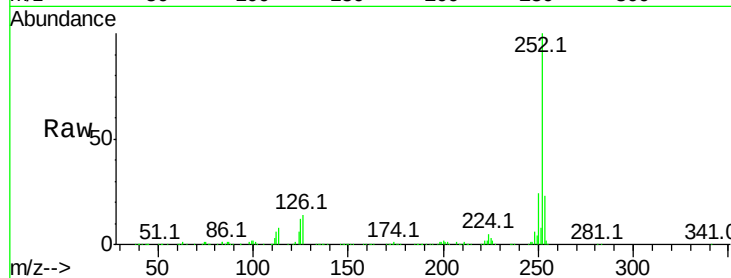
#87
Benzo(b)fluoranthene
Concen: 41.41 ng
RT: 24.63 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

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

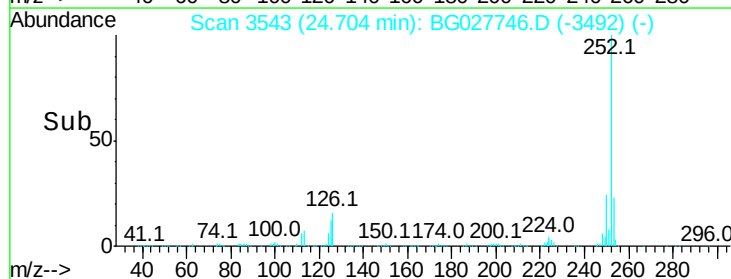
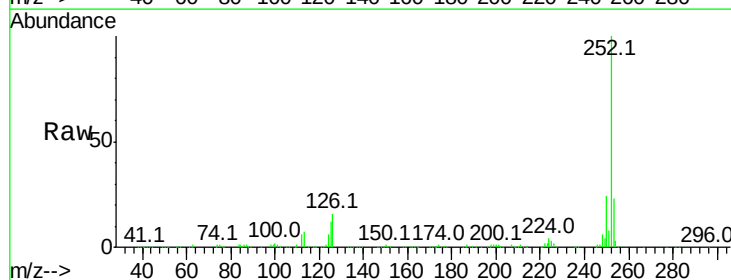
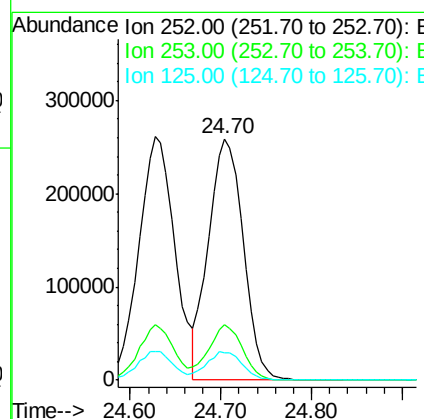
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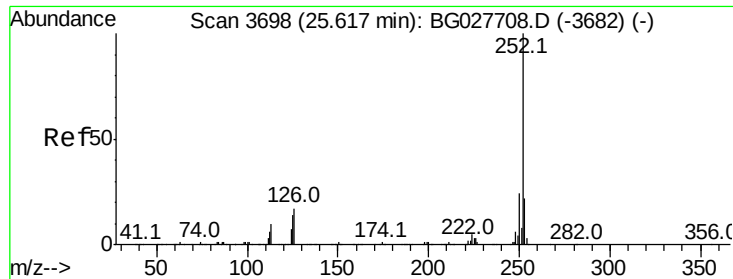
mohammad
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#88
Benzo(k)fluoranthene
Concen: 39.85 ng
RT: 24.70 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	11.6	5.1	7.7#





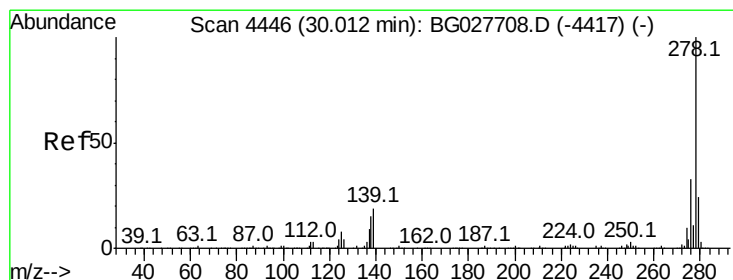
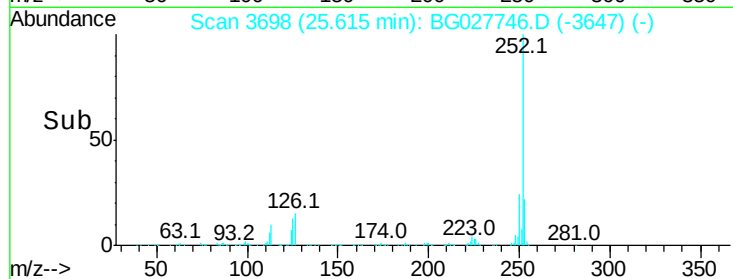
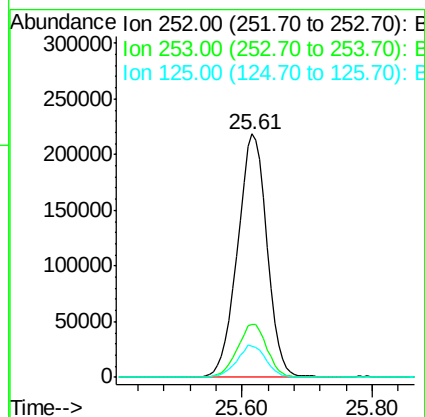
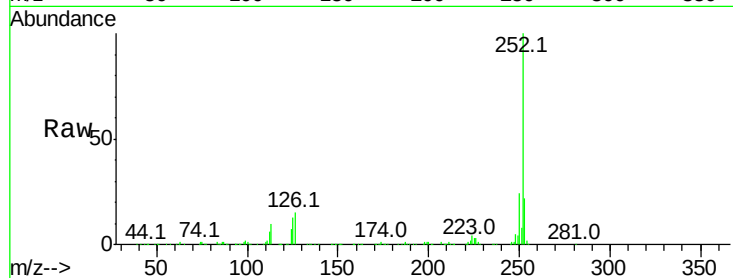
#89
Benzo(a)pyrene
Concen: 41.65 ng
RT: 25.61 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	12.6	5.4	8.0#

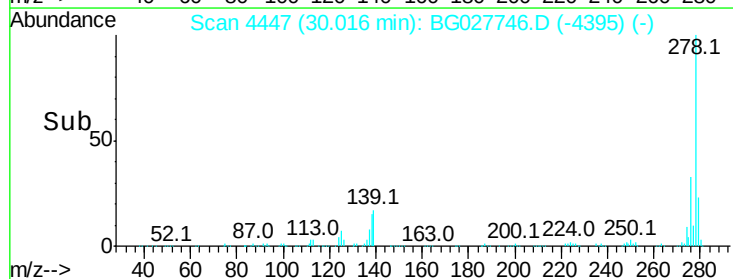
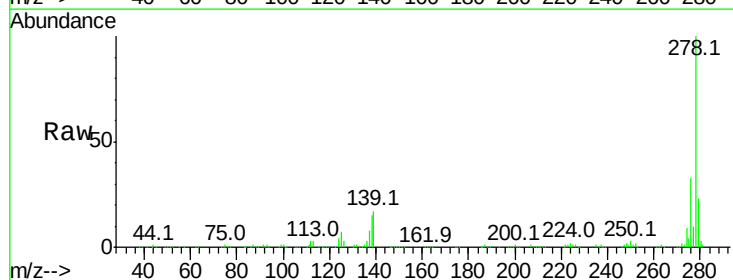
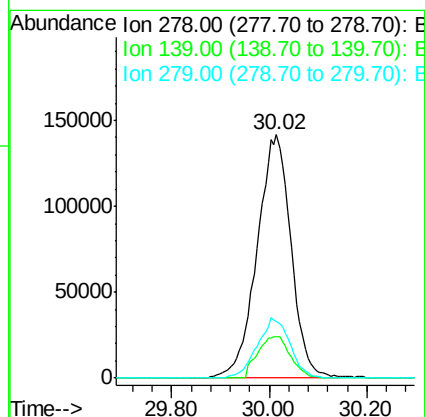
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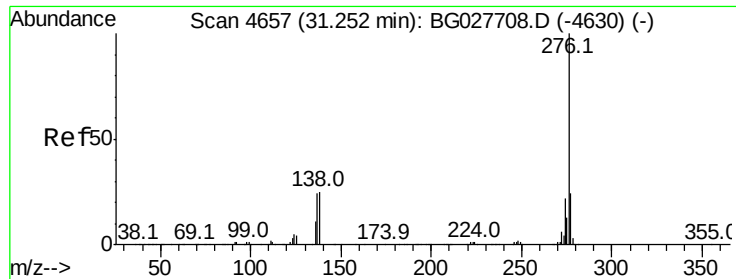
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.19 ng
RT: 30.02 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BG027746.D
Acq: 29 Jun 2017 18:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	7.7	11.5#
279	23.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 41.03 ng
 RT: 31.25 min Scan# 4657
 Delta R.T. -0.00 min
 Lab File: BG027746.D
 Acq: 29 Jun 2017 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB100123BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	24.6	8.1	12.1#

Manual Integrations
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