

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027355.D
 Acq On : 9 Jun 2017 20:07
 Operator : SJ/MA
 Sample : I3541-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:58:20 PM

Quant Time: Jun 10 04:27:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	43233	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	200167	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	124517	20.00	ng	-0.03
63) Phenanthrene-d10	17.89	188	299878	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	360000	20.00	ng	-0.04
86) Perylene-d12	25.96	264	332170	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	414292	146.23	ng	-0.01
7) Phenol-d6	7.70	99	562673	135.30	ng	0.00
23) Nitrobenzene-d5	9.72	82	368863	115.89	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	280284	170.94	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	823976	92.58	ng	-0.03
78) Terphenyl-d14	20.46	244	1436583	101.80	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	43077	36.669	ng	90
3) Pyridine	4.55	79	88225	24.362	ng	# 80
4) n-Nitrosodimethylamine	4.45	42	61207	45.648	ng	# 51
6) Aniline	7.88	93	149173	28.483	ng	97
8) 2-Chlorophenol	8.12	128	144651	48.352	ng	94
9) Benzaldehyde	7.70	77	69252	24.084	ng	92
10) Phenol	7.72	94	199752	46.968	ng	78
11) bis(2-Chloroethyl)ether	7.97	93	154891	44.394	ng	90
12) 1,3-Dichlorobenzene	8.45	146	132443	39.251	ng	95
13) 1,4-Dichlorobenzene	8.59	146	135231	39.051	ng	98
14) 1,2-Dichlorobenzene	8.92	146	131625	38.970	ng	97
15) Benzyl Alcohol	8.78	79	157746	53.834	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.06	45	262382	52.558	ng	96
17) 2-Methylphenol	8.97	107	139188	46.299	ng	# 88
18) Hexachloroethane	9.65	117	49787	42.680	ng	# 82
19) n-Nitroso-di-n-propylamine	9.35	70	138414	47.575	ng	# 86
20) 3+4-Methylphenols	9.29	107	191126	45.895	ng	89
22) Acetophenone	9.38	105	239758	46.837	ng	# 85
24) Nitrobenzene	9.76	77	192057	52.965	ng	90
25) Isophorone	10.28	82	372401	49.758	ng	# 96
26) 2-Nitrophenol	10.47	139	78648	51.920	ng	# 83
27) 2,4-Dimethylphenol	10.51	122	162401	50.468	ng	95
28) bis(2-Chloroethoxy)methane	10.75	93	227843	47.016	ng	100
29) 2,4-Dichlorophenol	11.01	162	145599	49.563	ng	98
30) 1,2,4-Trichlorobenzene	11.23	180	136987	42.113	ng	98
31) Naphthalene	11.43	128	478887	43.775	ng	99
32) Benzoic acid	10.62	122	92677	42.701	ng	93
33) 4-Chloroaniline	11.53	127	18237	4.001	ng	93
34) Hexachlorobutadiene	11.70	225	83050	41.543	ng	97
35) Caprolactam	12.29	113	49171m	48.804	ng	
36) 4-Chloro-3-methylphenol	12.60	107	190229	51.666	ng	96
37) 2-Methylnaphthalene	12.99	142	342383	42.905	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	165571	42.683	ng	98
40) Hexachlorocyclopentadiene	13.32	237	212065	102.715	ng	96

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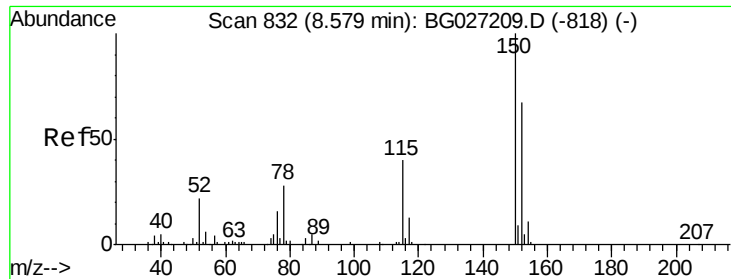
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	121493	51.638	ng	94
43) 2,4,5-Trichlorophenol	13.65	196	133558	50.728	ng	94
45) 1,1'-Biphenyl	13.97	154	456754	44.940	ng	96
46) 2-Chloronaphthalene	14.02	162	347983	45.667	ng	98
47) 2-Nitroaniline	14.22	65	139377	61.996	ng	89
48) Acenaphthylene	14.86	152	566265	43.910	ng	98
49) Dimethylphthalate	14.58	163	476274	48.218	ng	97
50) 2,6-Dinitrotoluene	14.70	165	103259	51.054	ng #	79
51) Acenaphthene	15.20	154	419608	50.022	ng	97
52) 3-Nitroaniline	15.03	138	45985	24.960	ng	97
53) 2,4-Dinitrophenol	15.23	184	119523	107.227	ng	93
54) Dibenzofuran	15.53	168	567918	48.448	ng	94
55) 4-Nitrophenol	15.32	139	183371	96.880	ng #	62
56) 2,4-Dinitrotoluene	15.48	165	147531	56.090	ng #	94
57) Fluorene	16.18	166	467717	44.922	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	128358	54.615	ng	97
59) Diethylphthalate	15.93	149	499268	50.674	ng	98
60) 4-Chlorophenyl-phenylether	16.16	204	239808	45.724	ng	95
61) 4-Nitroaniline	16.20	138	117367	54.232	ng #	67
62) Azobenzene	16.46	77	538245	58.944	ng	89
64) 4,6-Dinitro-2-methylphenol	16.24	198	83916	58.433	ng	87
65) n-Nitrosodiphenylamine	16.37	169	425168	45.224	ng	96
66) 4-Bromophenyl-phenylether	17.06	248	161431	45.483	ng	95
67) Hexachlorobenzene	17.18	284	171305	44.873	ng	93
68) Atrazine	17.31	200	158082	50.283	ng	97
69) Pentachlorophenol	17.52	266	223488	99.873	ng	98
70) Phenanthrene	17.93	178	780843	46.281	ng	95
71) Anthracene	18.02	178	785201	46.454	ng	97
72) Carbazole	18.28	167	717558	45.009	ng	95
73) Di-n-butylphthalate	18.81	149	885794	57.300	ng #	94
74) Fluoranthene	19.92	202	924105	51.271	ng	93
76) Benzidine	20.09	184	98616	9.094	ng	98
77) Pyrene	20.28	202	960364	44.152	ng	96
79) Butylbenzylphthalate	21.17	149	413897	53.852	ng	94
80) Benzo(a)anthracene	22.25	228	978385	47.656	ng	95
81) 3,3'-Dichlorobenzidine	22.14	252	210992	26.417	ng #	95
82) Chrysene	22.33	228	913201	46.330	ng	96
83) Bis(2-ethylhexyl)phthalate	22.11	149	592738	51.032	ng	98
84) Di-n-octyl phthalate	23.49	149	1008578	52.430	ng #	91
85) Indeno(1,2,3-cd)pyrene	30.20	276	1132133	47.427	ng #	93
87) Benzo(b)fluoranthene	24.78	252	983188	47.726	ng #	96
88) Benzo(k)fluoranthene	24.86	252	974748	48.230	ng #	93
89) Benzo(a)pyrene	25.79	252	938128	48.374	ng #	94
90) Dibenzo(a,h)anthracene	30.29	278	970075	47.785	ng #	94
91) Benzo(g,h,i)perylene	31.55	276	925489	47.073	ng #	90

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



#1

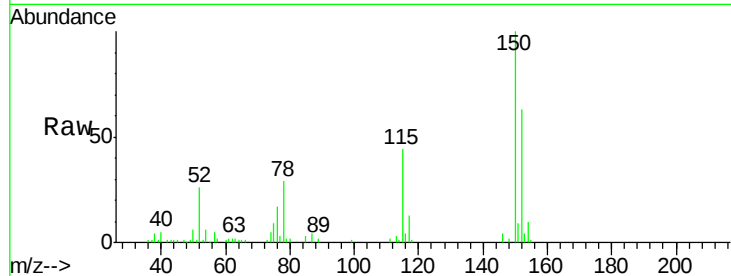
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
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RT-4215MS

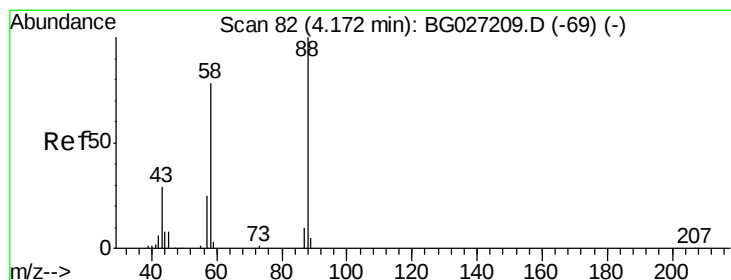
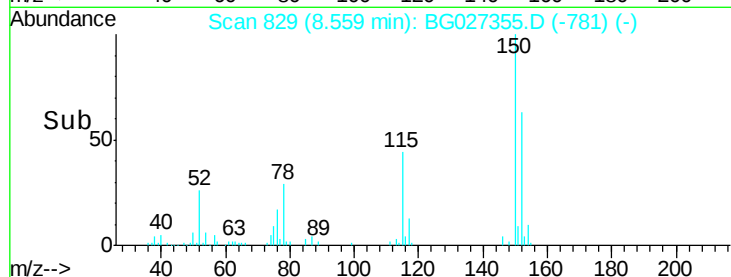
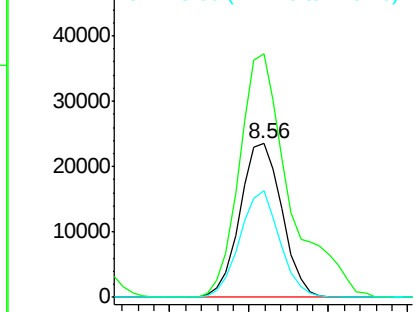
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	114.0	171.0
115	69.6	48.1	72.1

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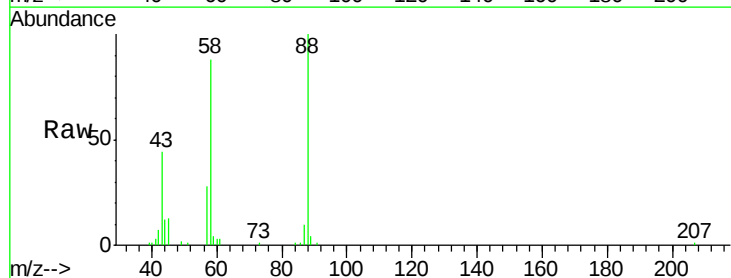
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



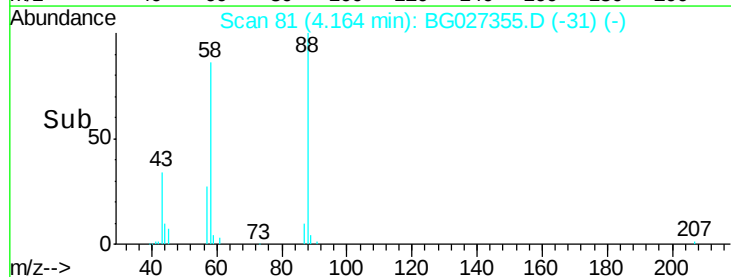
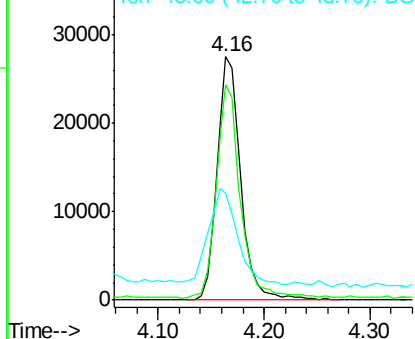
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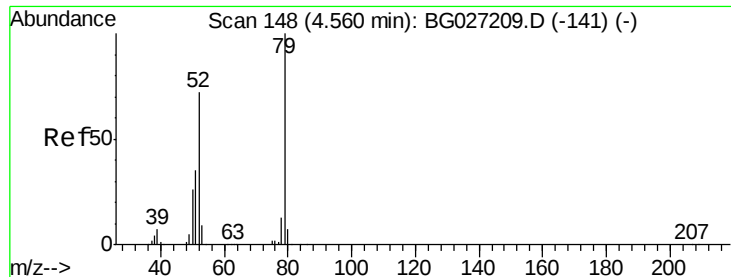
1,4-Dioxane
Concen: 36.669 ng
RT: 4.16 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	79.4	119.2
43	48.0	33.8	50.6



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





#3

Pyridine

Concen: 24.362 ng

RT: 4.55 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

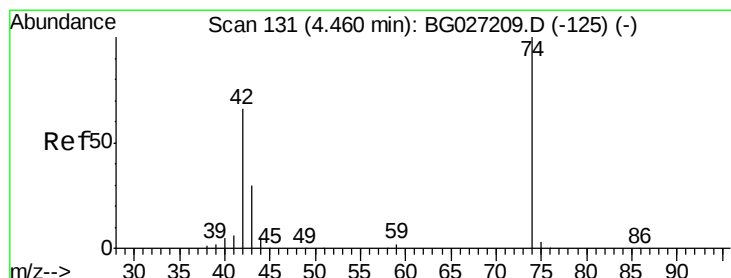
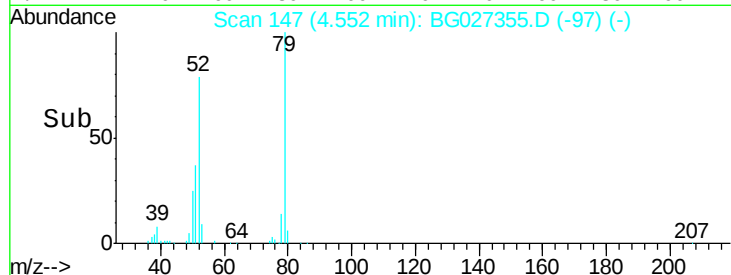
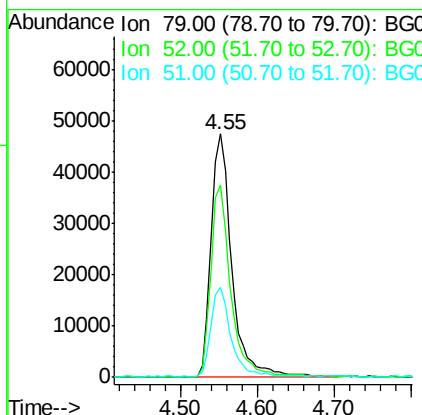
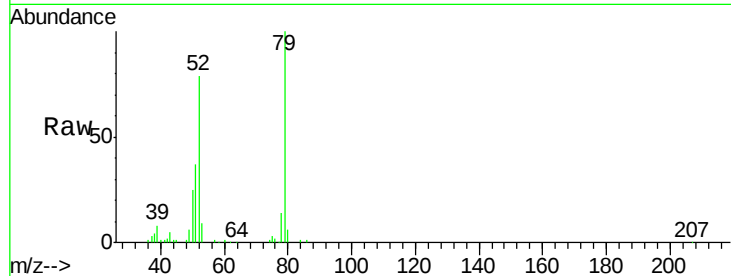
ClientSampleId :

RT-4215MS

Tgt Ion:	79	Resp:	88225
Ion	Ratio	Lower	Upper
79	100		
52	78.8	77.8	116.6
51	37.0	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 45.648 ng

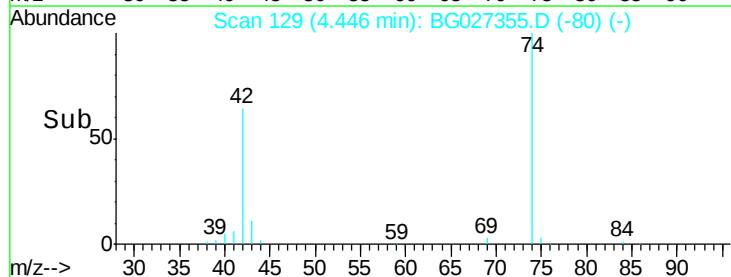
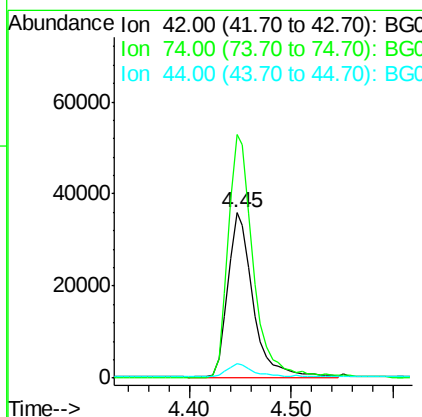
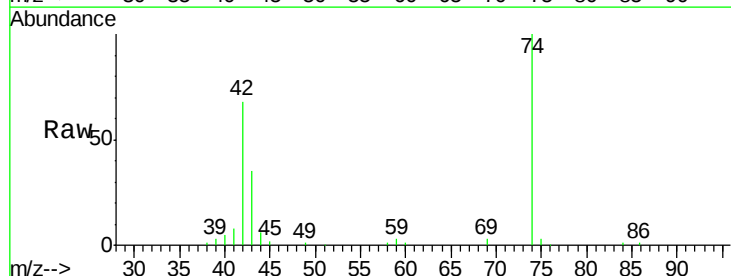
RT: 4.45 min Scan# 129

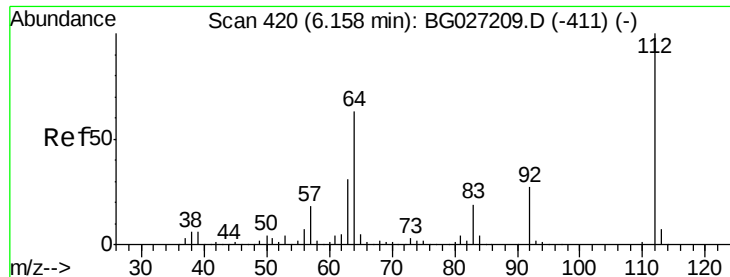
Delta R.T. -0.01 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	42	Resp:	61207
Ion	Ratio	Lower	Upper
42	100		
74	147.3	76.7	115.1#
44	9.1	6.1	9.1





#5

2-Fluorophenol

Concen: 146.230 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

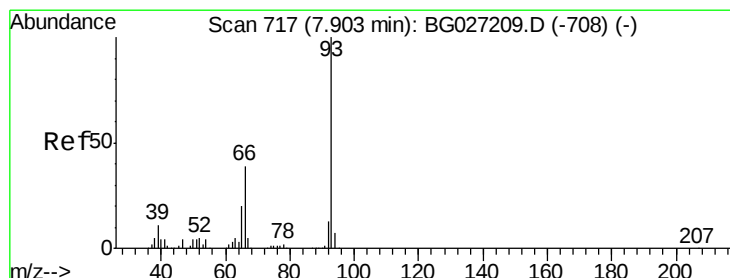
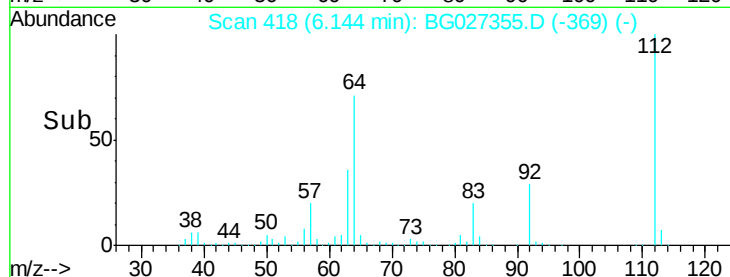
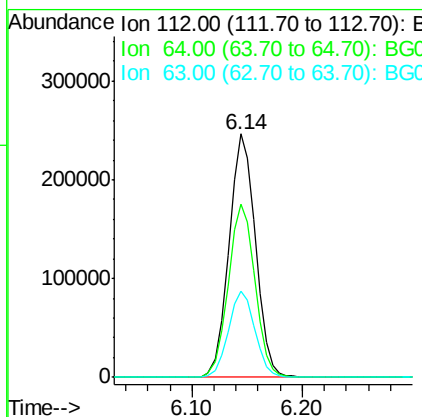
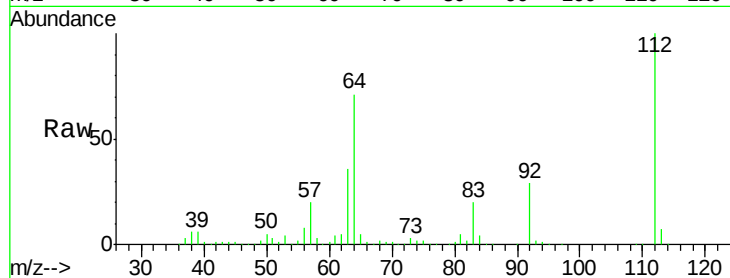
ClientSampleId :

RT-4215MS

Tgt Ion:	112	Resp:	414292
Ion Ratio	Lower	Upper	
112	100		
64	71.3	61.8	92.6
63	35.6	37.2	55.8#

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#6

Aniline

Concen: 28.483 ng

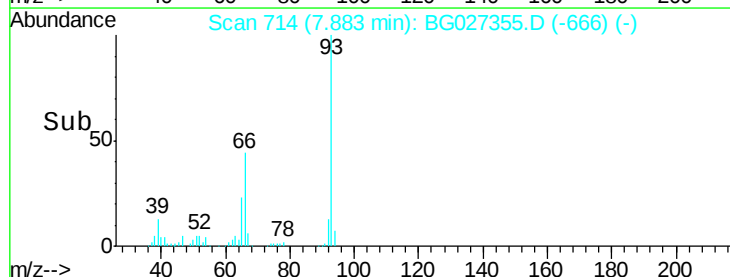
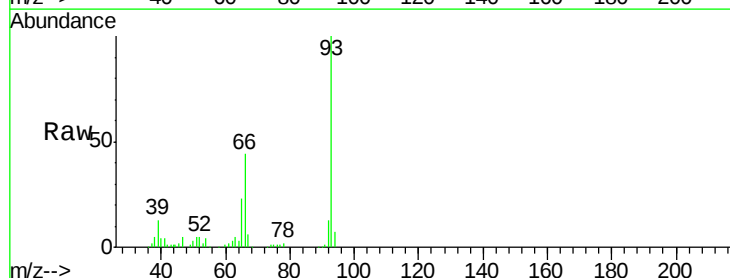
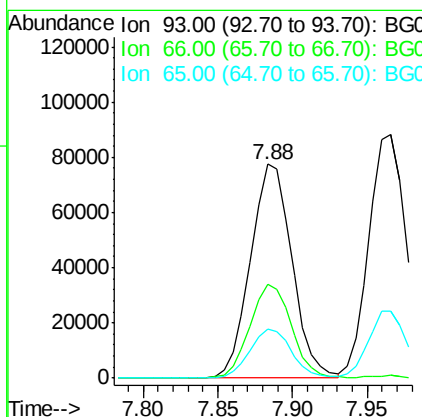
RT: 7.88 min Scan# 714

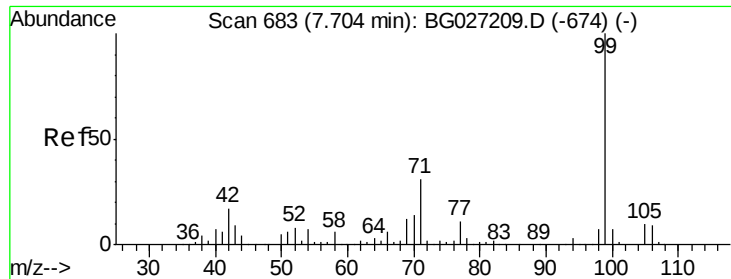
Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	93	Resp:	149173
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.4	53.2
65	22.8	21.2	31.8





#7

Phenol-d6

Concen: 135.298 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampleId :

RT-4215MS

Tgt Ion: 99 Resp: 562673

Ion Ratio Lower Upper

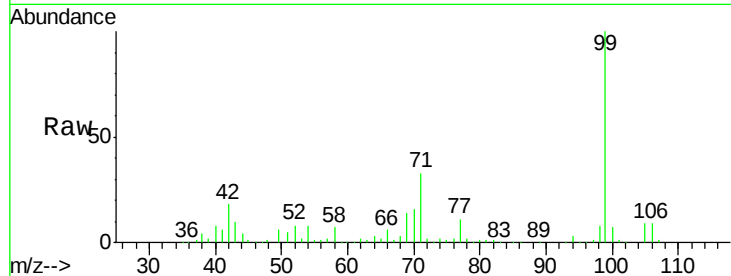
99 100

42 18.1 20.5 30.7#

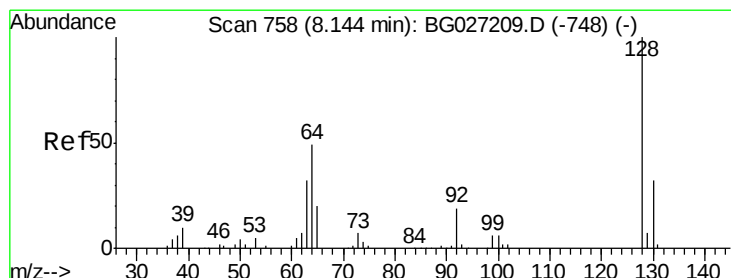
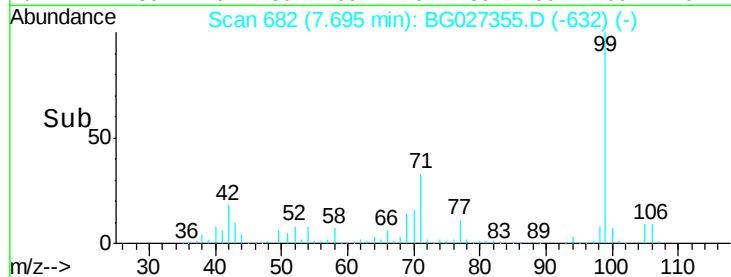
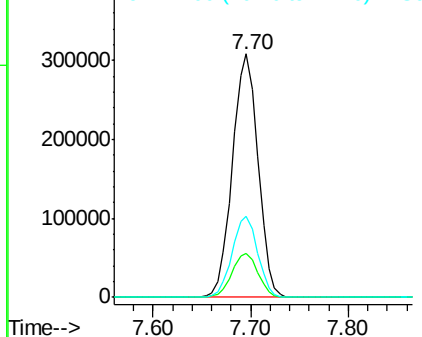
71 33.1 37.6 56.4#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.352 ng

RT: 8.12 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

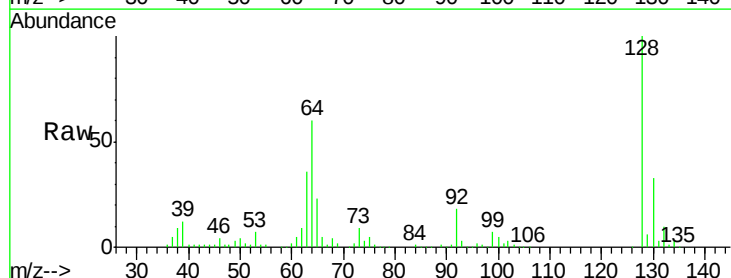
Tgt Ion: 128 Resp: 144651

Ion Ratio Lower Upper

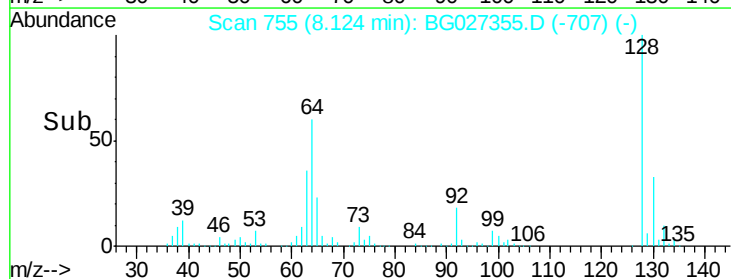
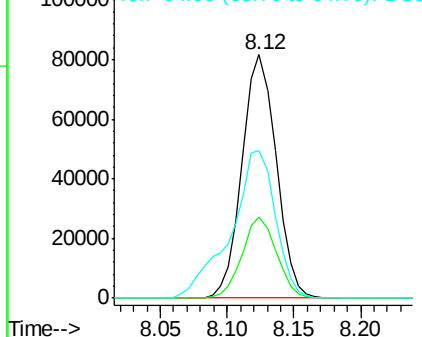
128 100

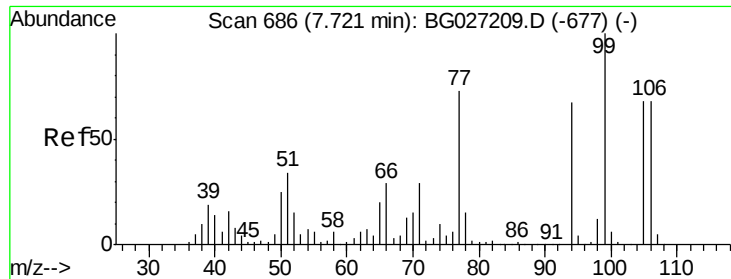
130 33.1 11.4 51.4

64 60.4 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.084 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

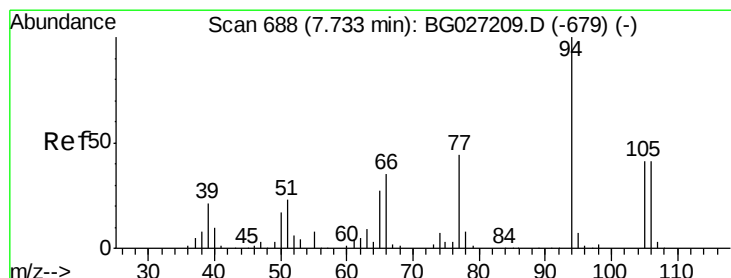
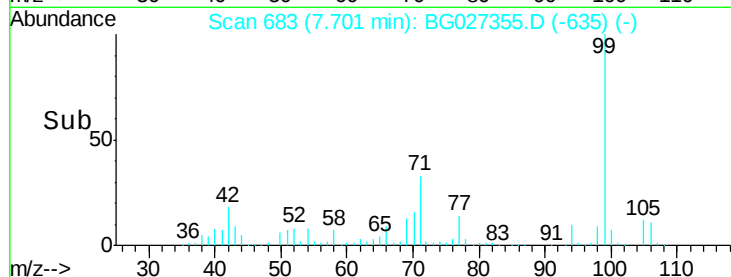
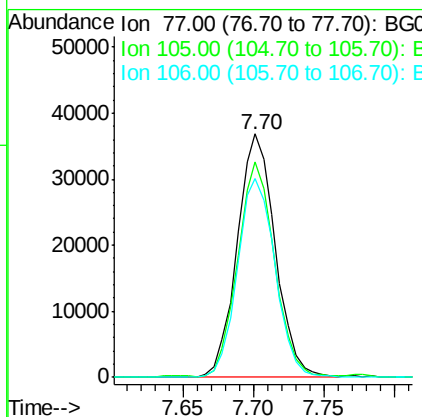
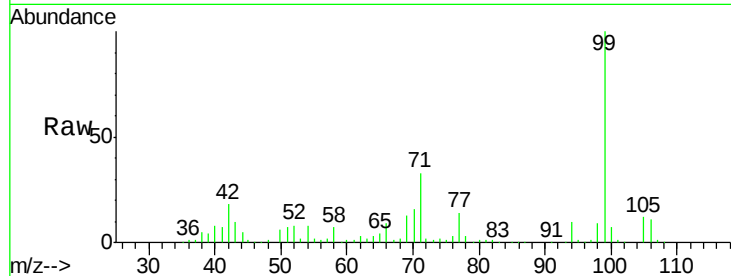
ClientSampleId :

RT-4215MS

Tgt Ion:	77	Resp:	69252
Ion	Ratio	Lower	Upper
77	100		
105	88.7	60.9	100.9
106	81.9	55.1	95.1

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#10

Phenol

Concen: 46.968 ng

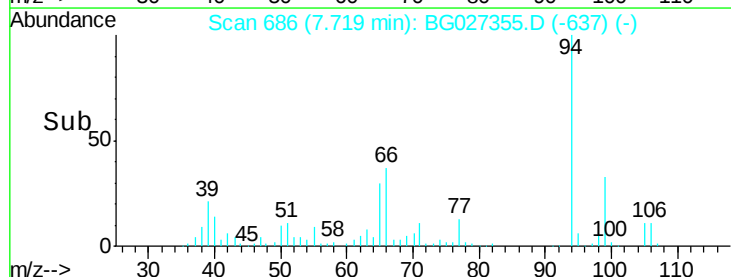
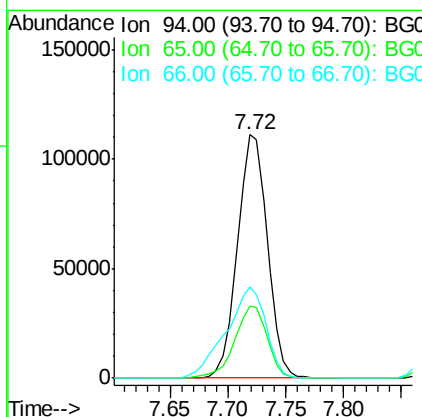
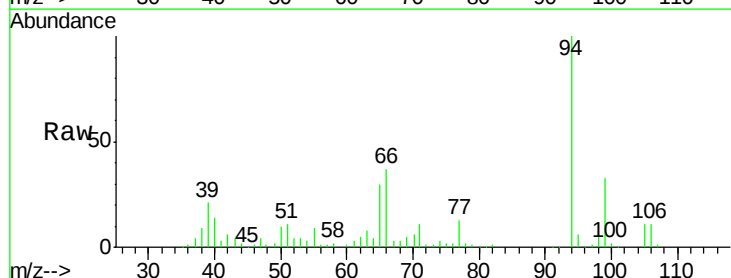
RT: 7.72 min Scan# 686

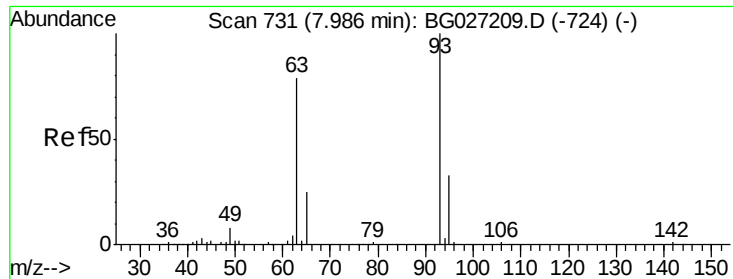
Delta R.T. -0.01 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	94	Resp:	199752
Ion	Ratio	Lower	Upper
94	100		
65	29.8	20.6	60.6
66	37.5	35.5	75.5





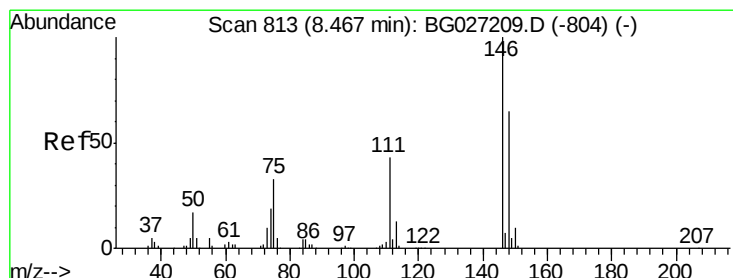
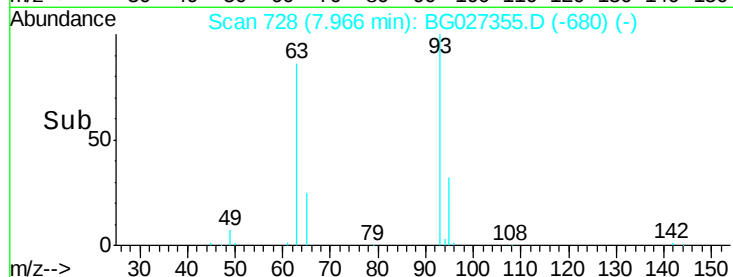
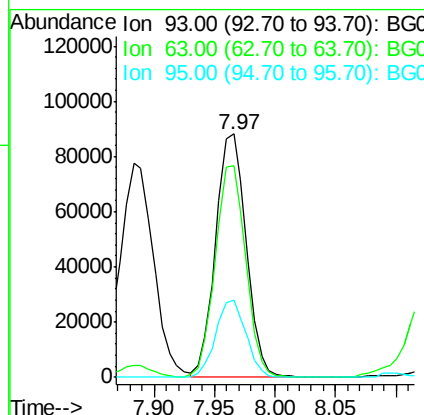
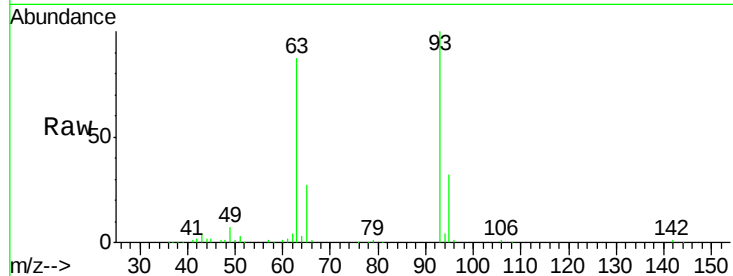
#11
bis(2-Chloroethyl)ether
Concen: 44.394 ng
RT: 7.97 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.1	78.5	118.5
95	31.7	9.8	49.8

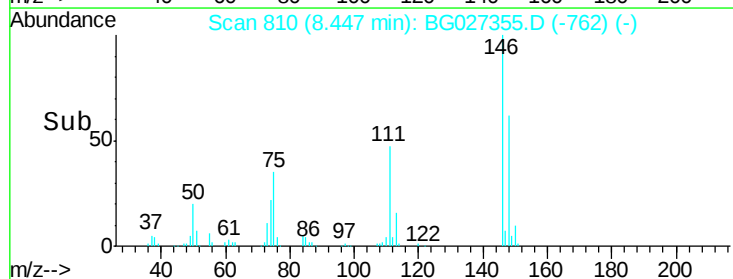
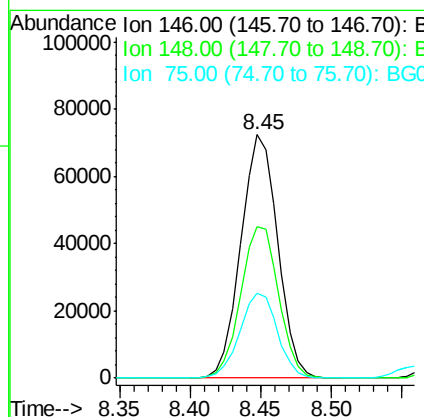
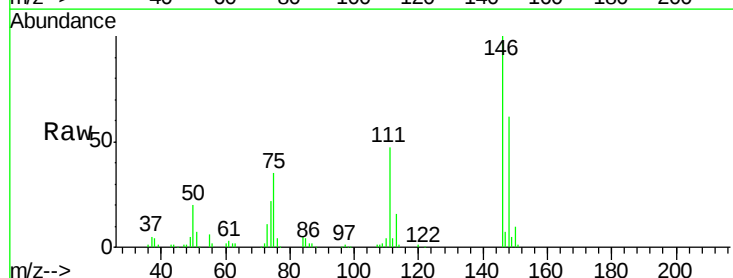
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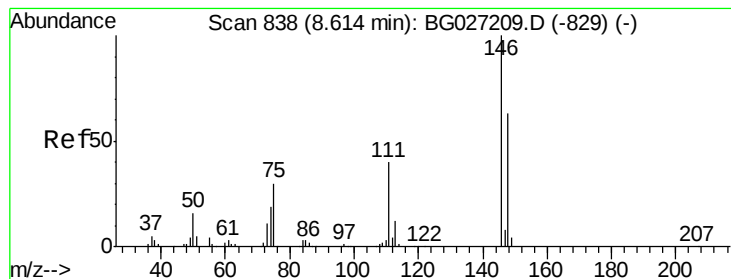
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.251 ng
RT: 8.45 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.2	73.8
75	34.7	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 8.59 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

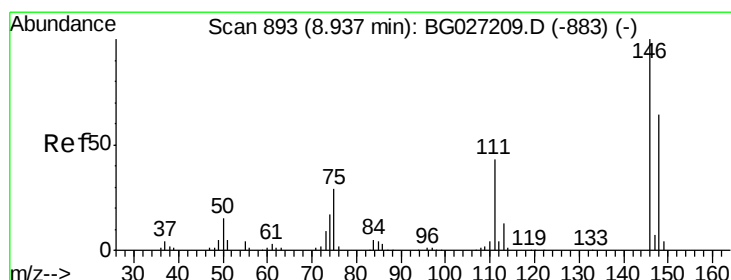
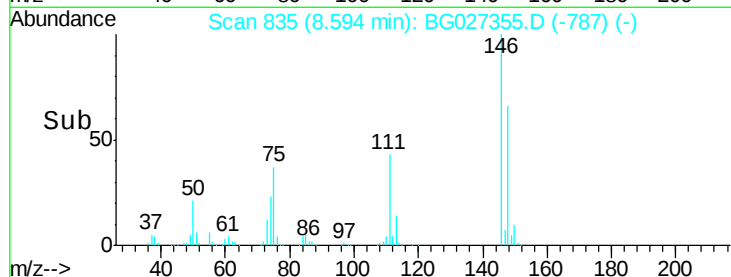
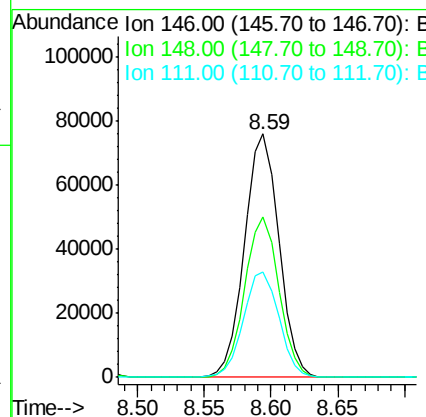
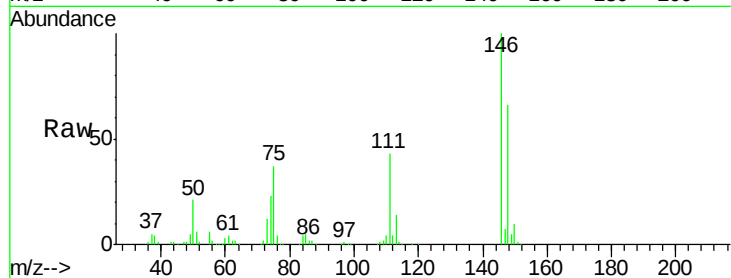
ClientSampleId :

RT-4215MS

Tgt Ion:	146	Resp:	135231
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.2
111	43.3	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 38.970 ng

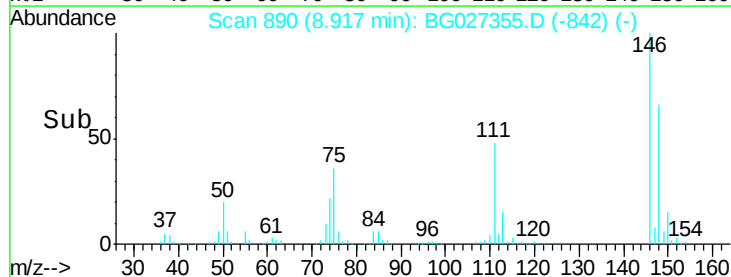
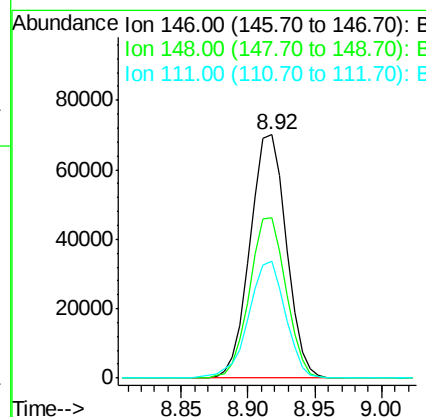
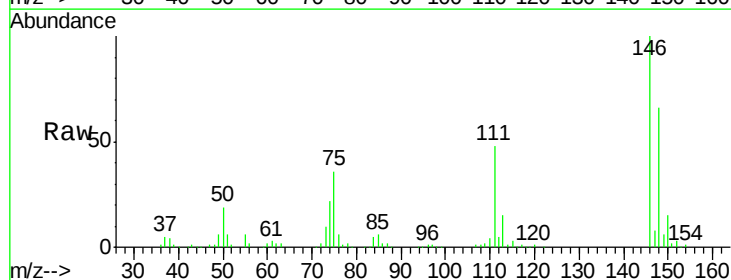
RT: 8.92 min Scan# 890

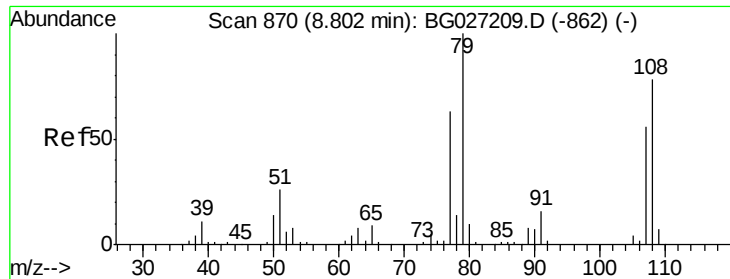
Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	146	Resp:	131625
Ion Ratio	Lower	Upper	
146	100		
148	65.8	54.6	81.8
111	47.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 53.834 ng

RT: 8.78 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampleId :

RT-4215MS

Tgt Ion: 79 Resp: 157746

Ion Ratio Lower Upper

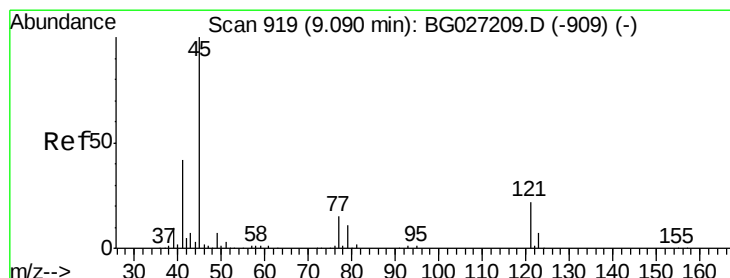
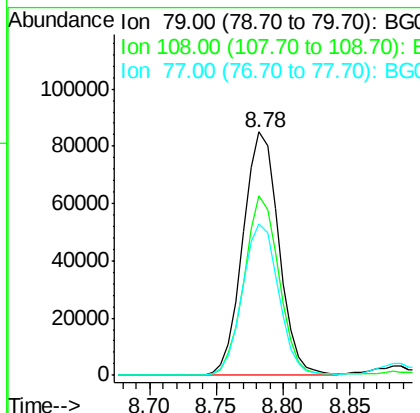
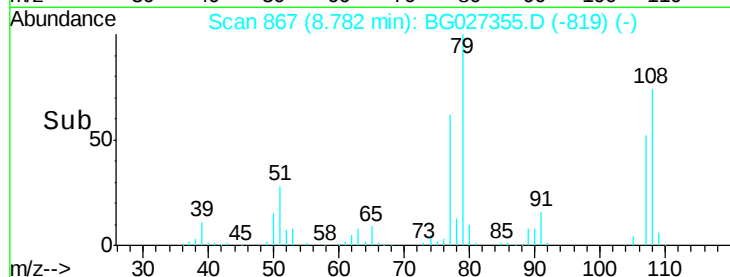
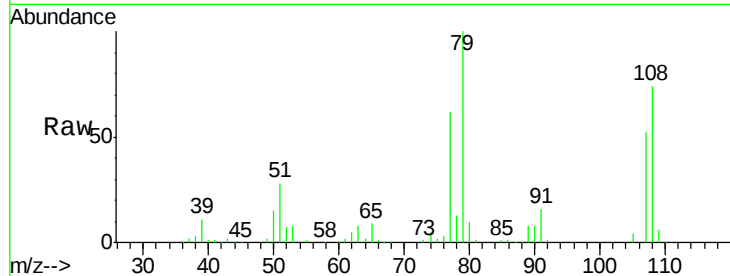
79 100

108 73.8 45.5 68.3#

77 62.1 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.558 ng

RT: 9.06 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

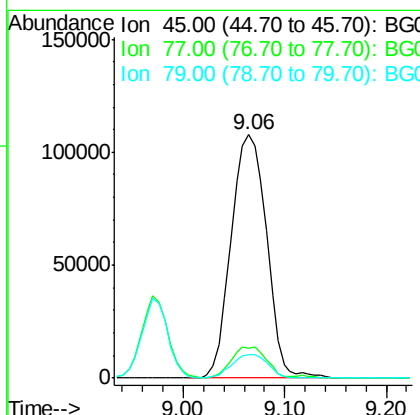
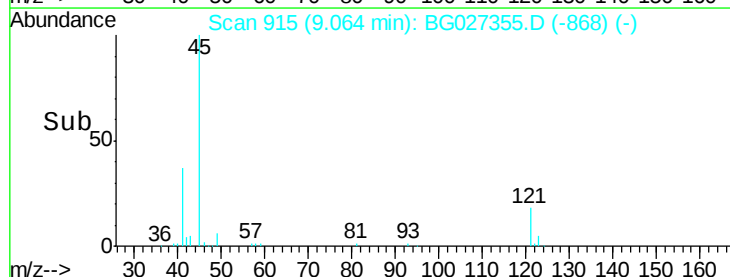
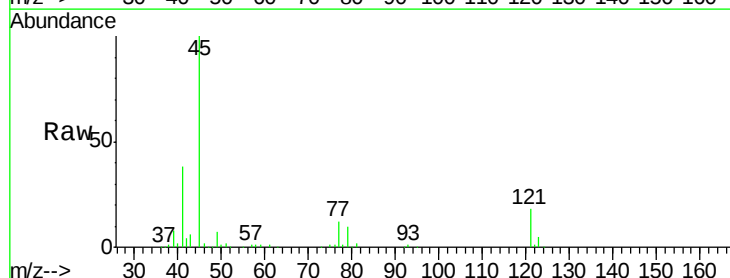
Tgt Ion: 45 Resp: 262382

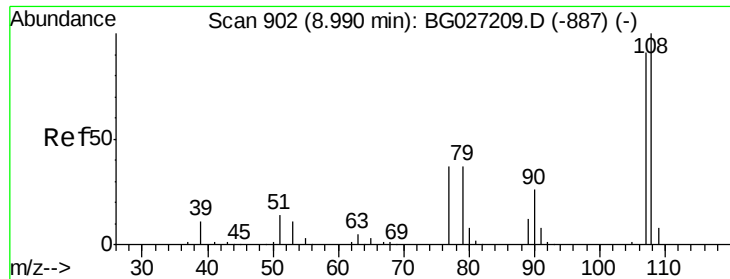
Ion Ratio Lower Upper

45 100

77 12.2 0.0 30.6

79 9.5 0.0 28.5





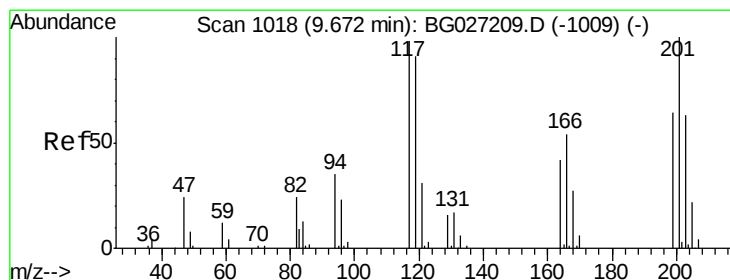
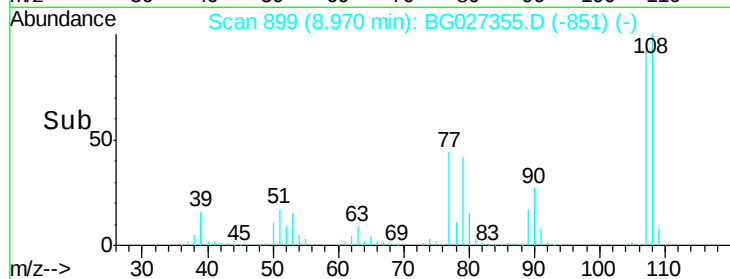
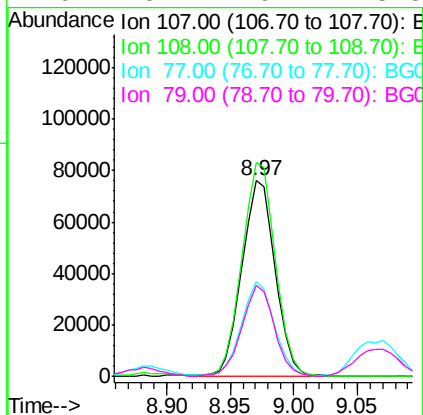
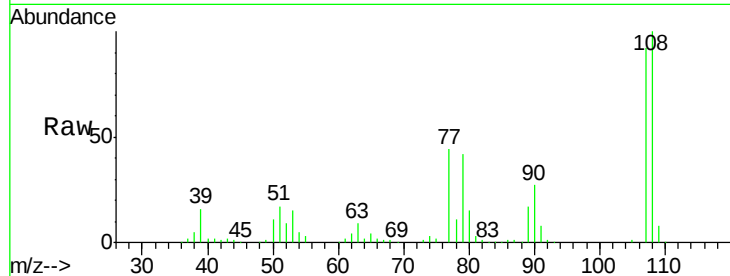
#17
2-Methylphenol
Concen: 46.299 ng
RT: 8.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	139188		
108	109.1	85.6	128.4	
77	48.2	51.4	77.2#	
79	46.4	49.2	73.8#	

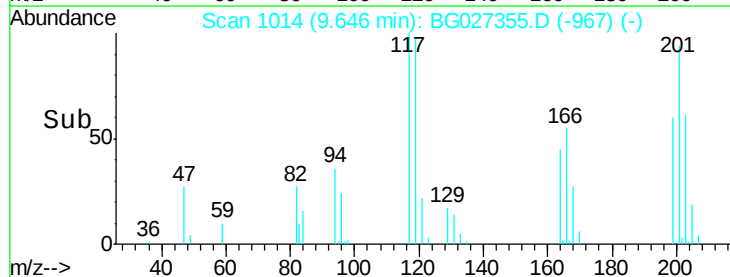
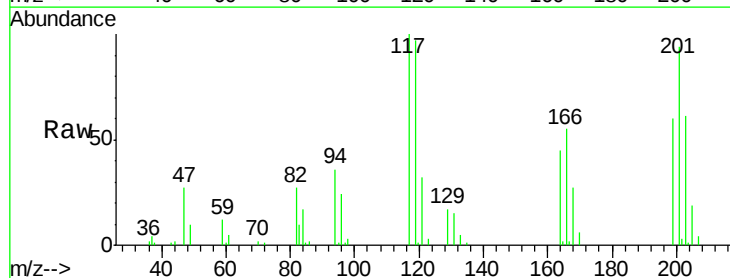
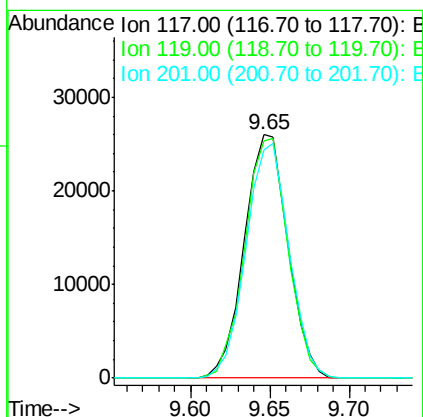
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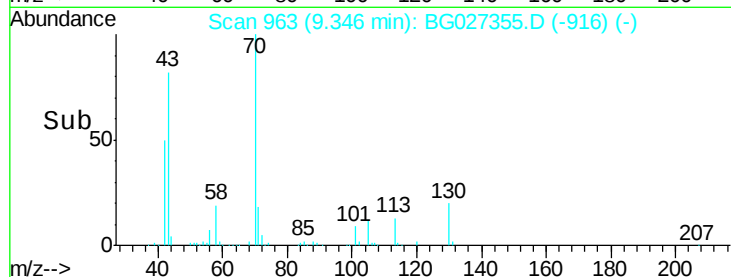
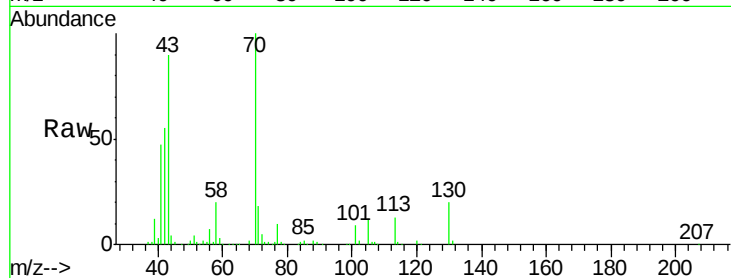
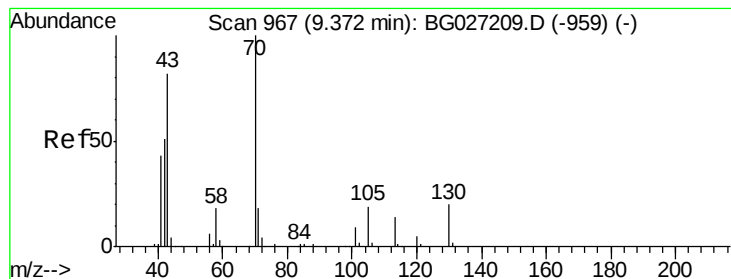
mohammad
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#18
Hexachloroethane
Concen: 42.680 ng
RT: 9.65 min Scan# 1014
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49787		
119	97.4	69.8	104.6	
201	93.8	95.4	143.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 47.575 ng

RT: 9.35 min Scan# 963

Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampleId :

RT-4215MS

Tgt Ion: 70 Resp: 138414

Ion Ratio Lower Upper

70 100

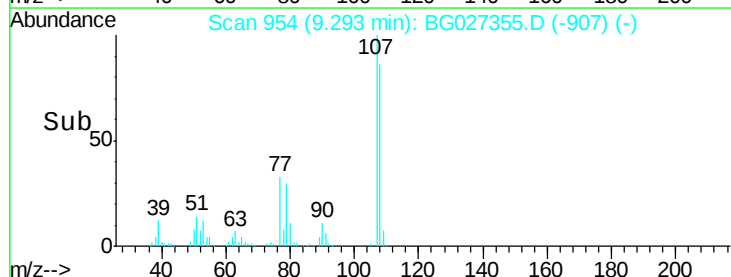
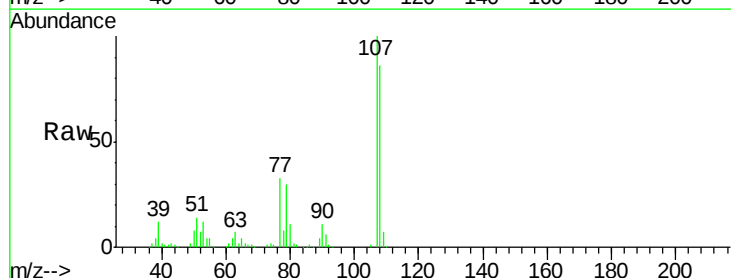
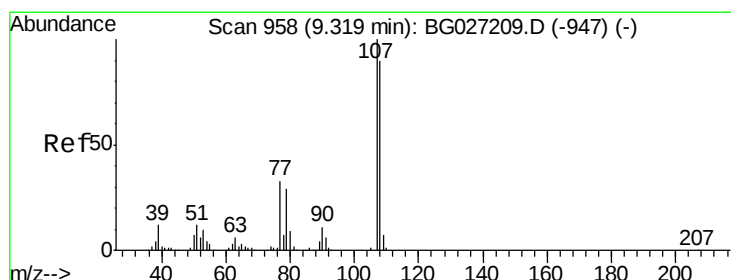
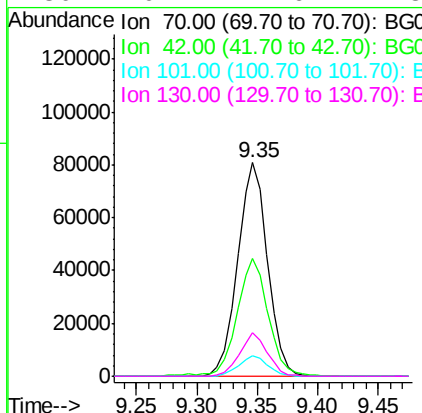
42 55.3 56.1 84.1#

101 9.3 7.5 11.3

130 20.1 14.6 21.8

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#20

3+4-Methylphenols

Concen: 45.895 ng

RT: 9.29 min Scan# 954

Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion: 107 Resp: 191126

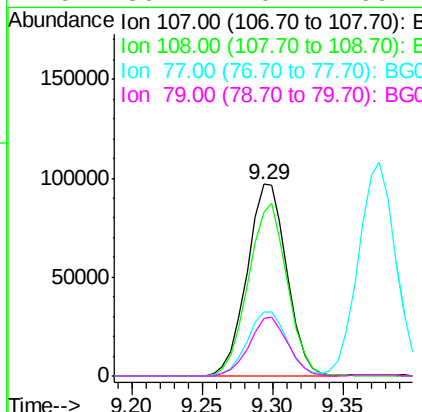
Ion Ratio Lower Upper

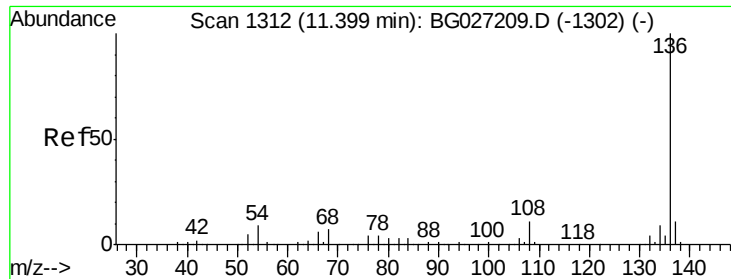
107 100

108 85.8 70.8 110.8

77 33.5 25.8 65.8

79 30.1 20.1 60.1





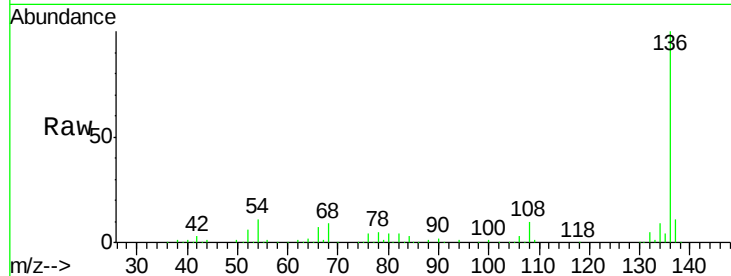
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	200167		
137	10.7	8.9	13.3	
54	10.8	9.3	13.9	
68	8.8	5.1	7.7#	

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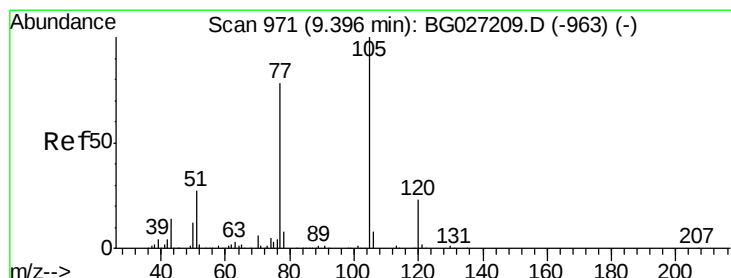
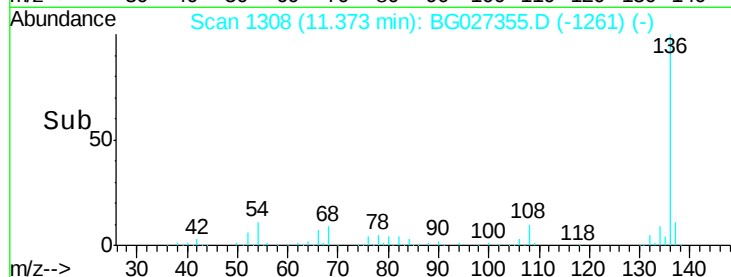
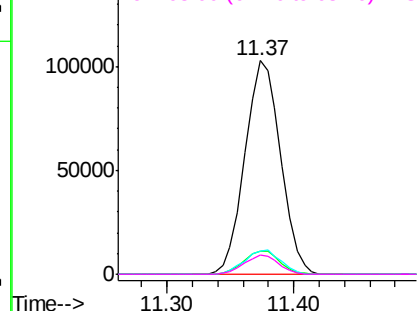
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.837 ng
RT: 9.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239758		
71	0.4	0.9	1.3#	
51	28.3	34.0	51.0#	
120	21.6	17.3	25.9	

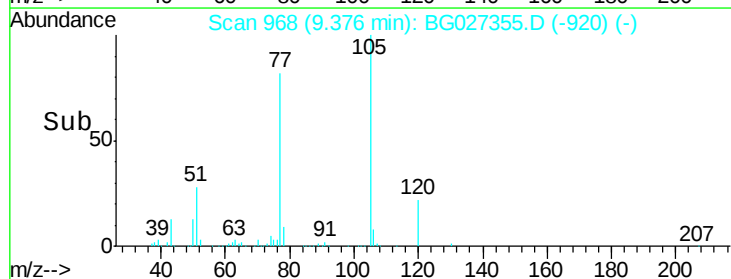
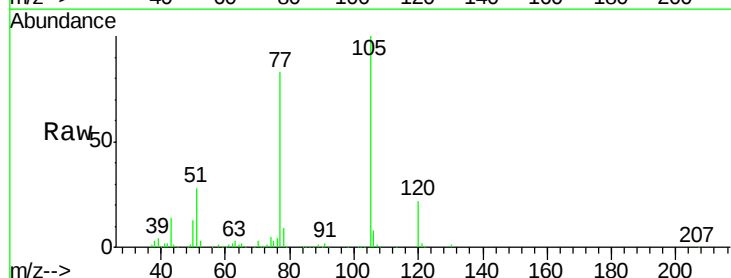
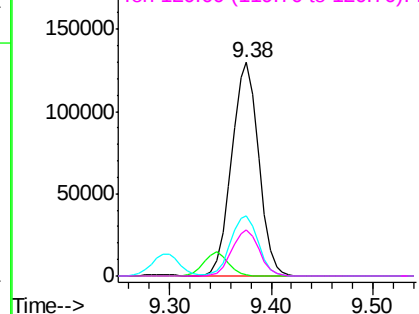
Abundance

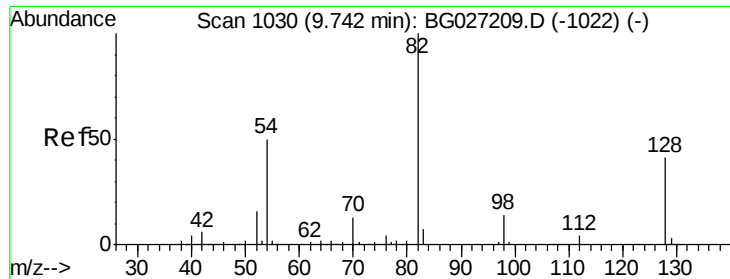
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





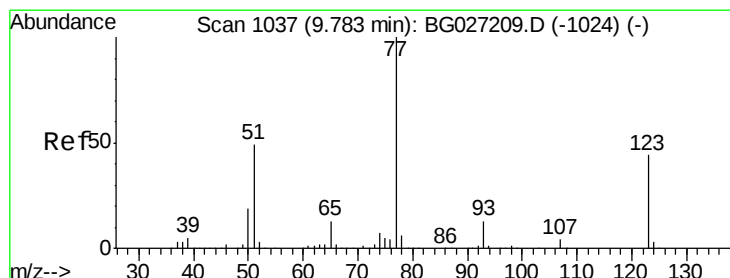
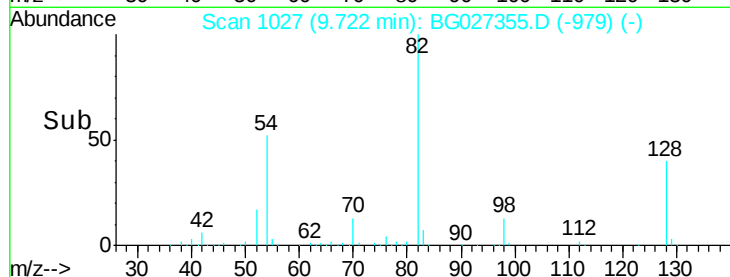
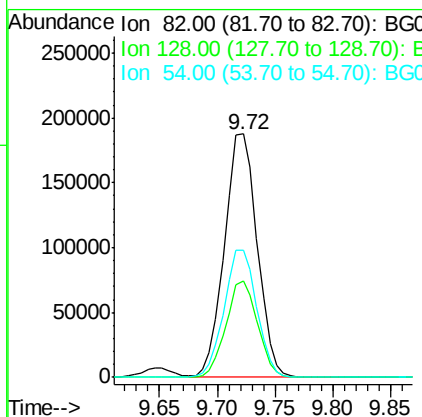
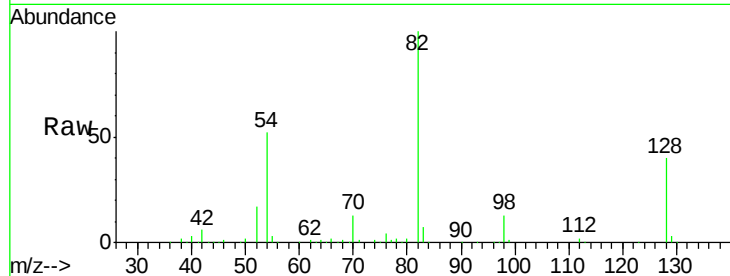
#23
 Nitrobenzene-d5
 Concen: 115.892 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	368863		
128	39.8	26.4	39.6#	
54	52.3	49.4	74.2	

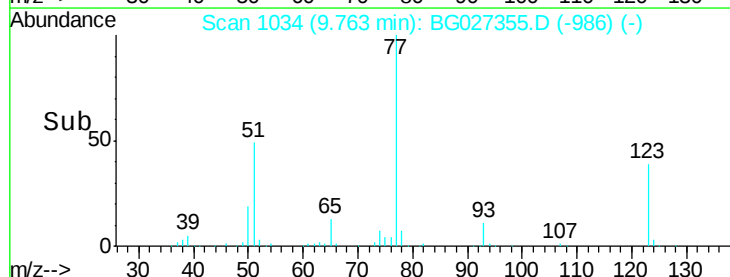
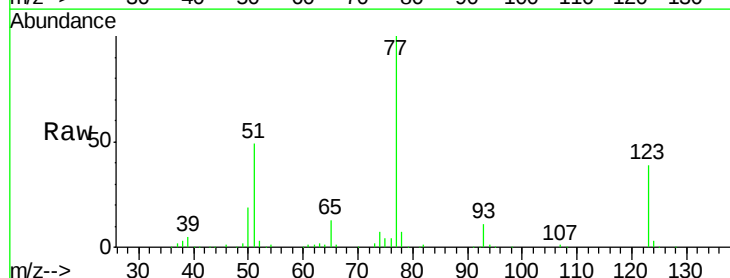
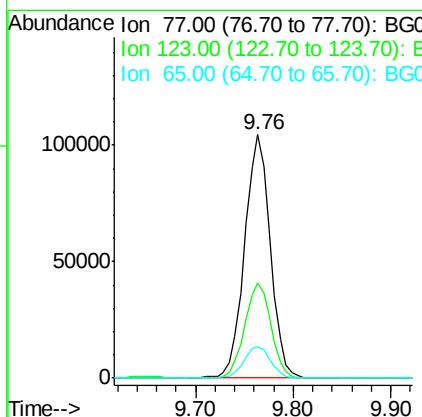
Manual Integrations
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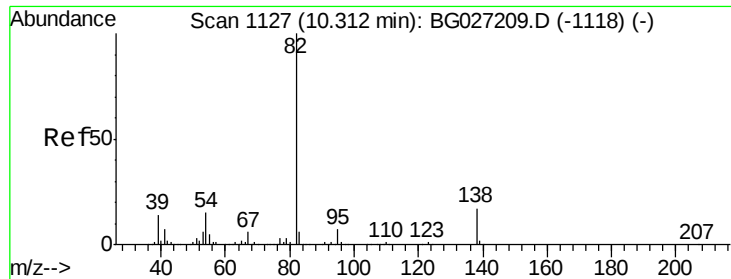
mohammad
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#24
 Nitrobenzene
 Concen: 52.965 ng
 RT: 9.76 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	192057		
123	39.1	26.1	39.1	
65	13.0	12.4	18.6	





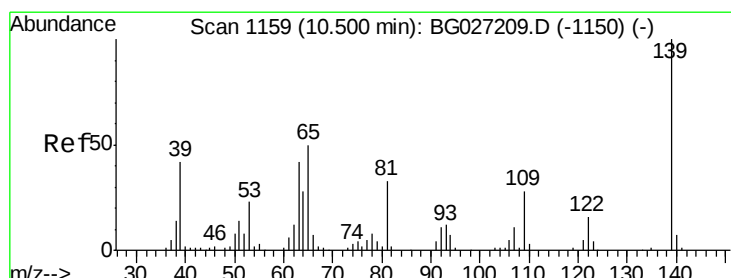
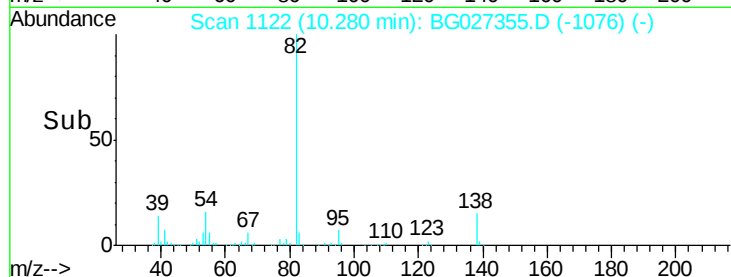
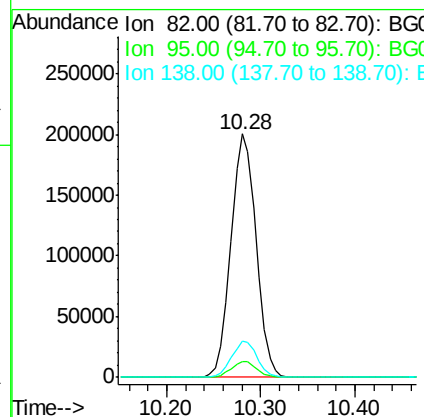
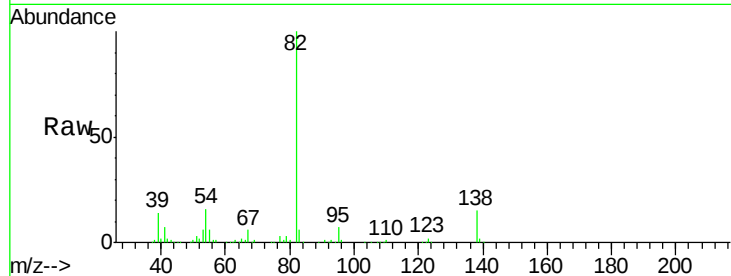
#25
Isophorone
Concen: 49.758 ng
RT: 10.28 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	14.9	12.3	18.5

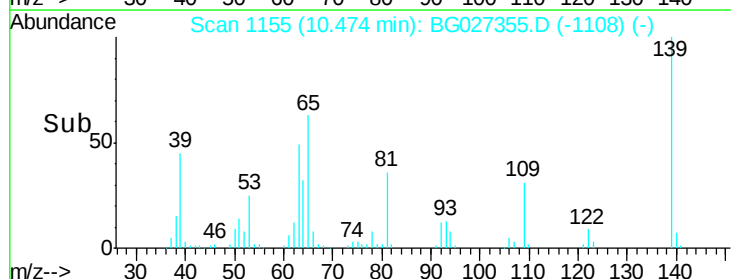
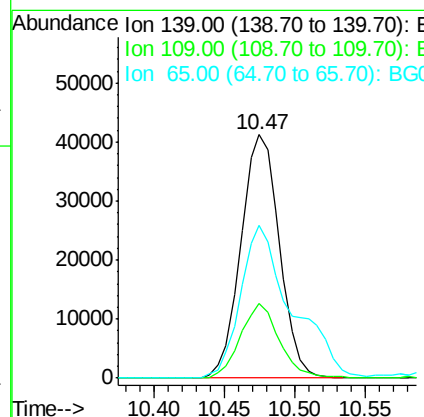
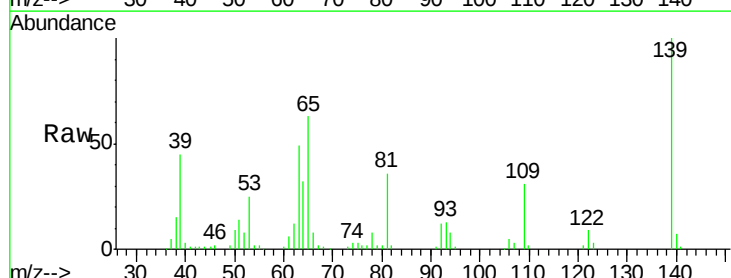
Manual Integrations
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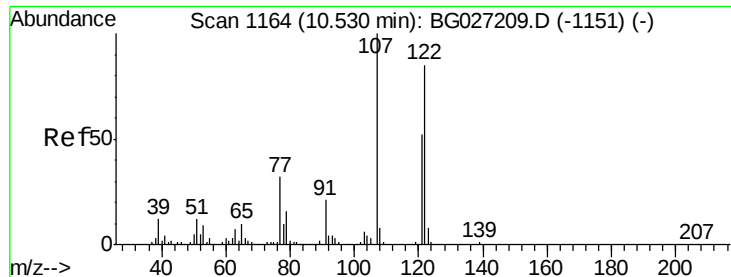
mohammad
6/12/2017 3:58:20 PM



#26
2-Nitrophenol
Concen: 51.920 ng
RT: 10.47 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	38.6	58.0#
65	62.9	57.1	85.7





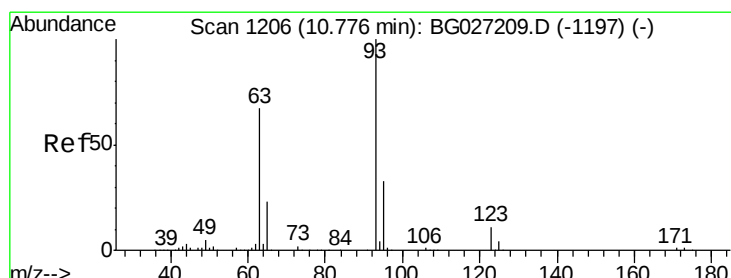
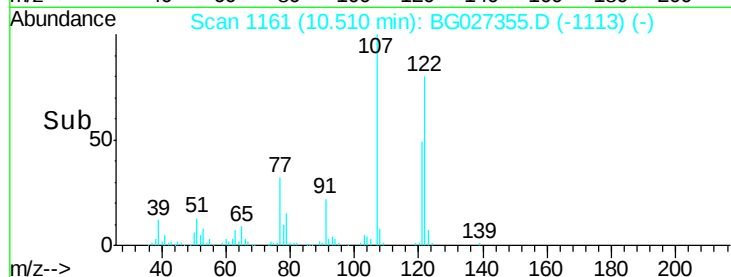
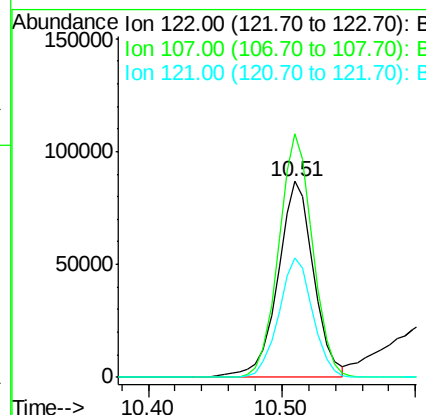
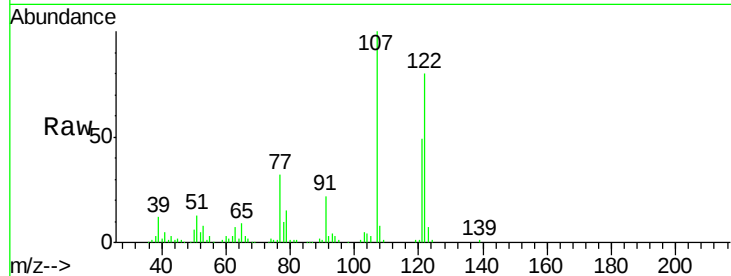
#27
2,4-Dimethylphenol
Concen: 50.468 ng
RT: 10.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162401		
107	124.3	104.2	156.4	
121	61.0	46.0	69.0	

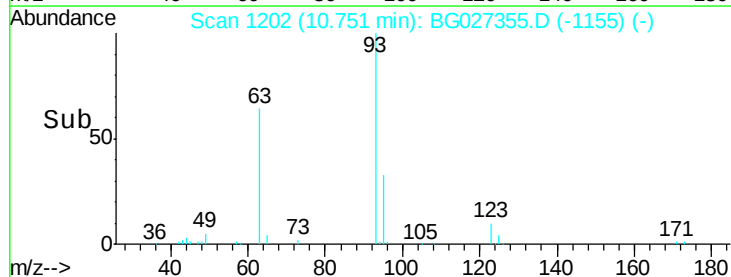
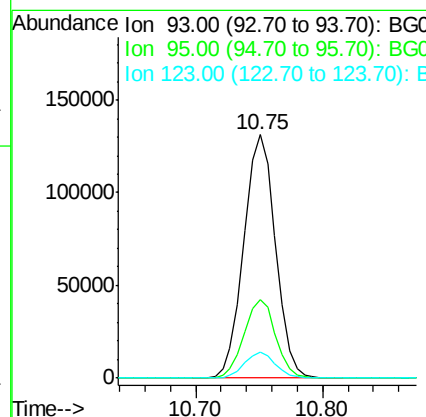
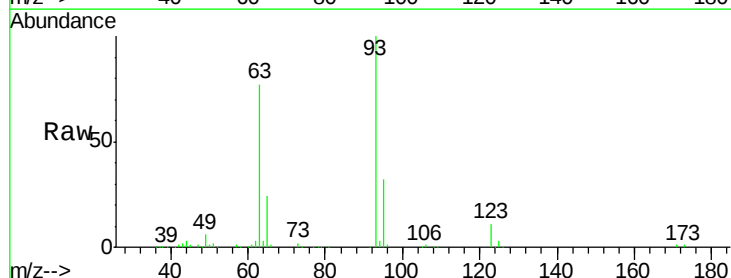
Manual Integrations
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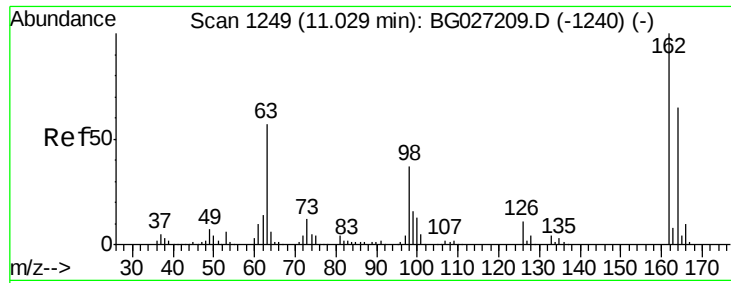
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.016 ng
RT: 10.75 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227843		
95	32.2	25.7	38.5	
123	10.8	8.3	12.5	





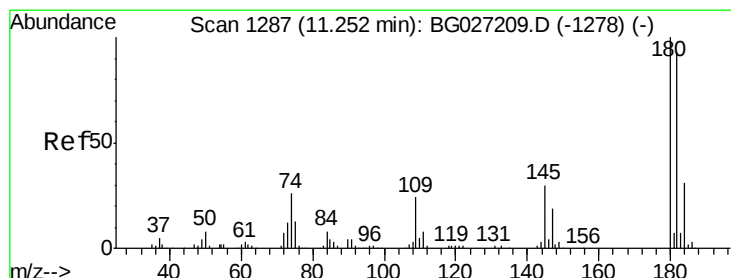
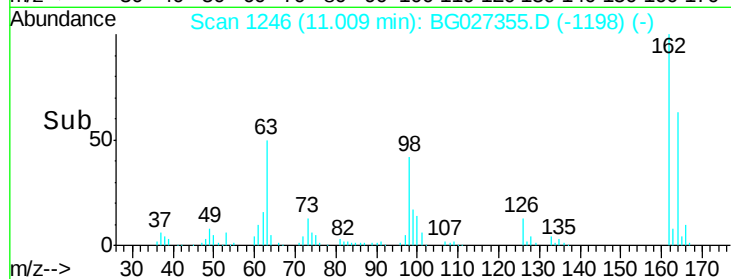
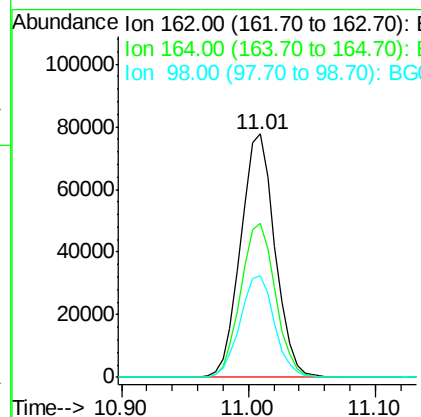
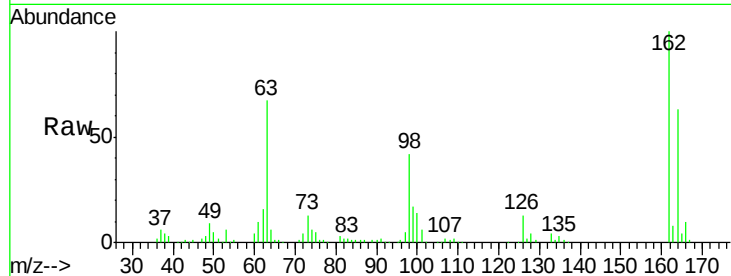
#29
 2,4-Dichlorophenol
 Concen: 49.563 ng
 RT: 11.01 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	145599		
164	63.4	42.4	82.4	
98	41.8	20.3	60.3	

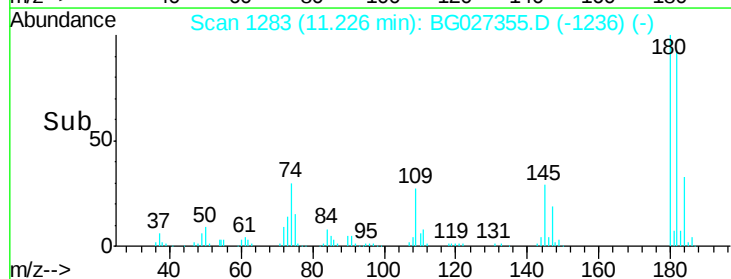
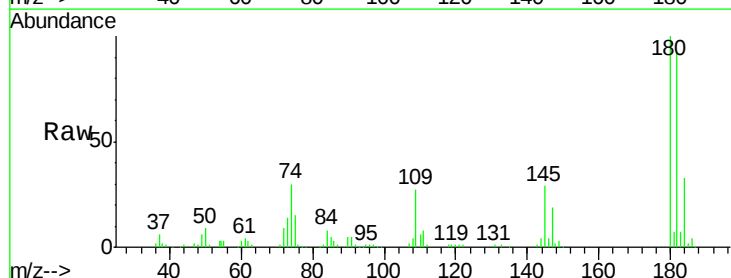
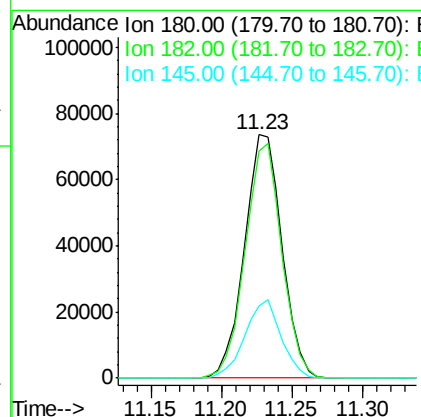
Manual Integrations
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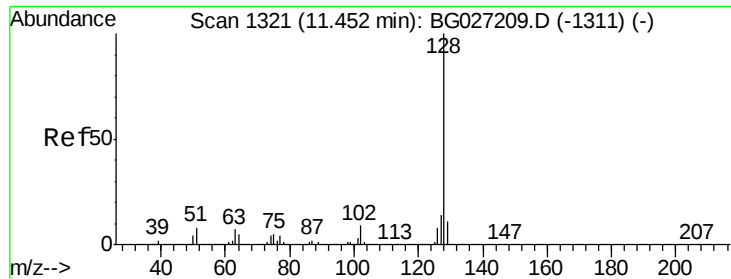
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.113 ng
 RT: 11.23 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136987		
182	93.4	77.0	115.4	
145	29.5	23.4	35.0	





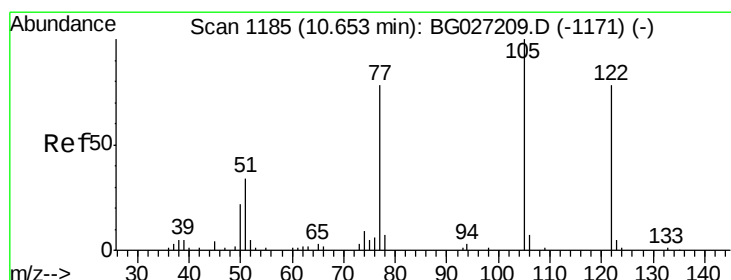
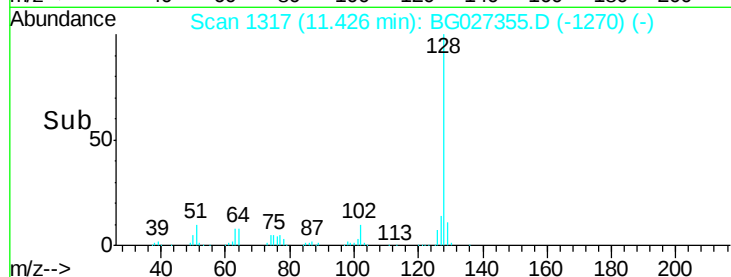
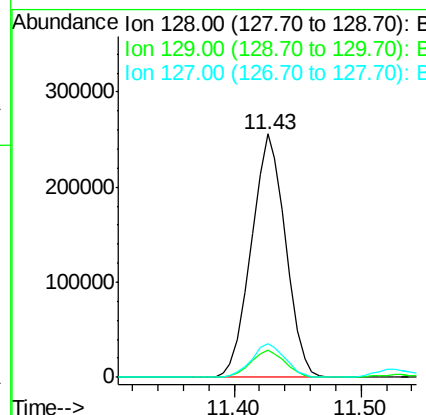
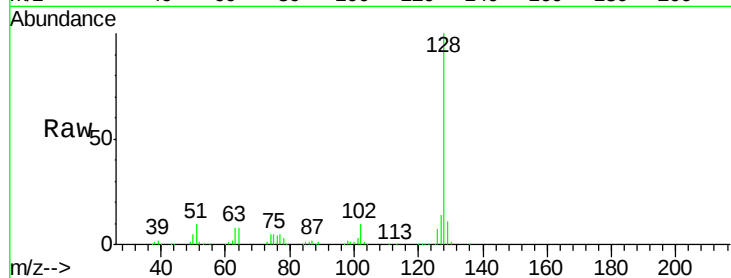
#31
Naphthalene
Concen: 43.775 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.6	11.4	17.0

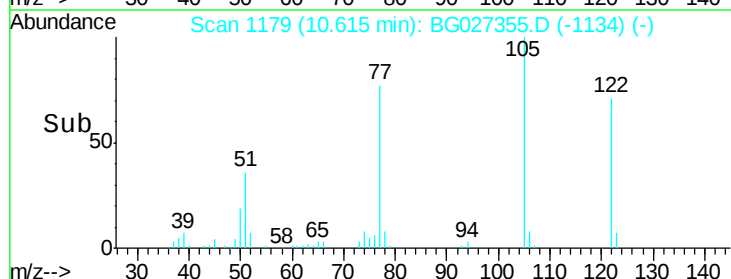
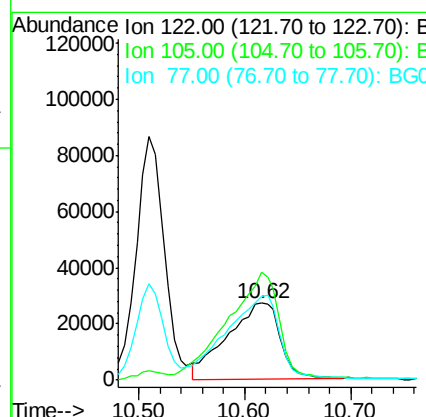
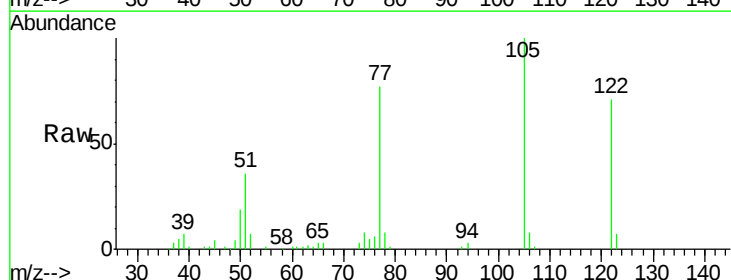
Manual Integrations
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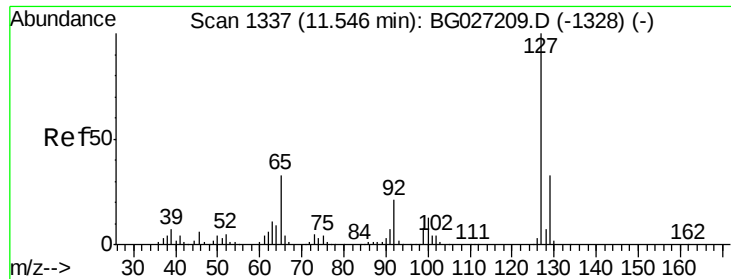
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#32
Benzoic acid
Concen: 42.701 ng
RT: 10.62 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.4	120.1	160.1
77	108.5	104.6	144.6





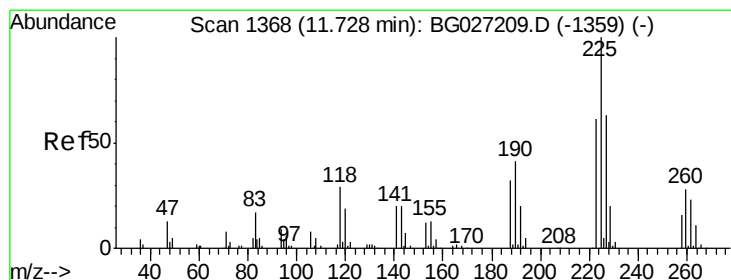
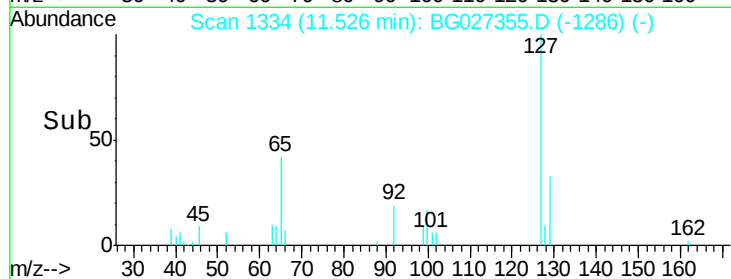
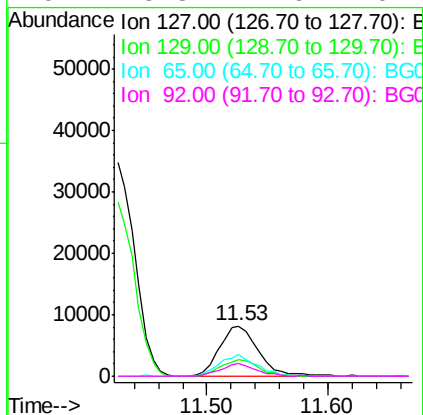
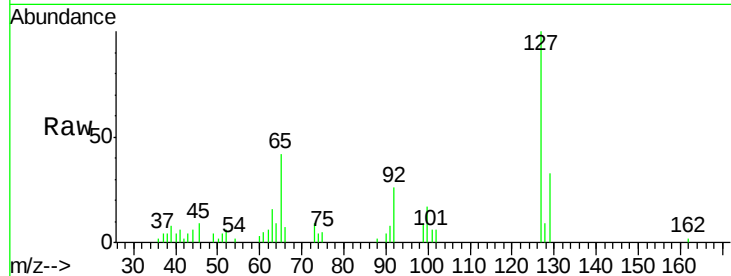
#33
4-Chloroaniline
Concen: 4.001 ng
RT: 11.53 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampled :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	18237		
129	33.4	23.6	35.4	
65	42.2	37.7	56.5	
92	25.8	17.6	26.4	

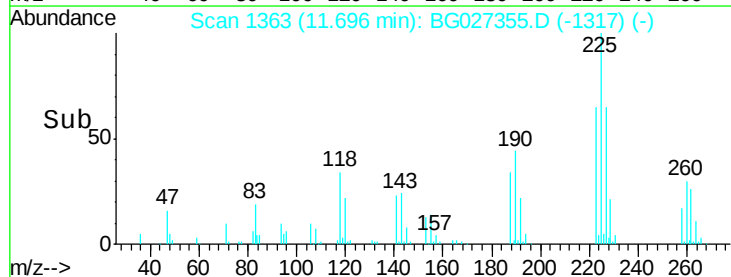
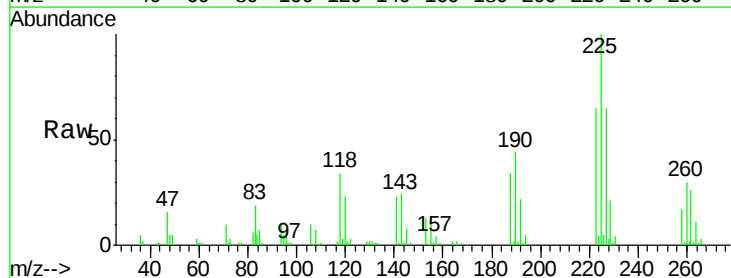
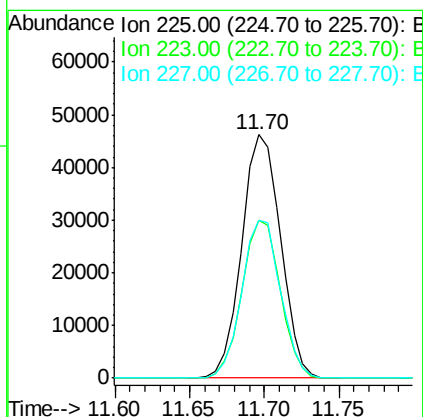
Manual Integrations
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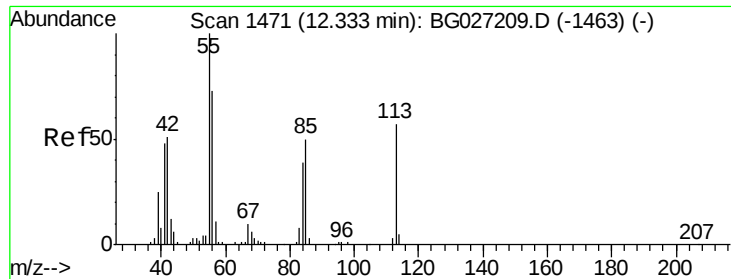
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#34
Hexachlorobutadiene
Concen: 41.543 ng
RT: 11.70 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83050		
223	65.0	50.7	76.1	
227	64.9	49.0	73.6	





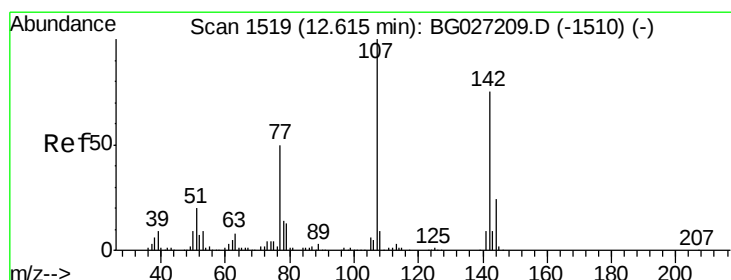
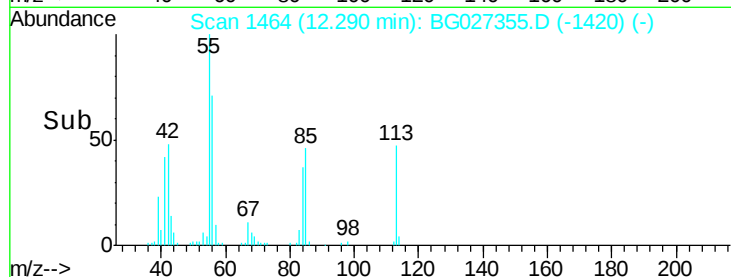
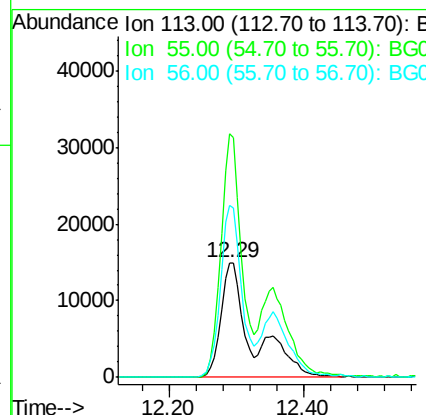
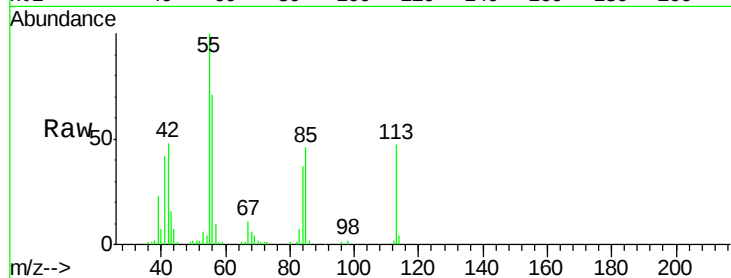
#35
 Caprolactam
 Concen: 48.804 ng m
 RT: 12.29 min Scan# 1464
 Delta R.T. -0.04 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	212.1	198.6	238.6
56	150.1	140.4	180.4

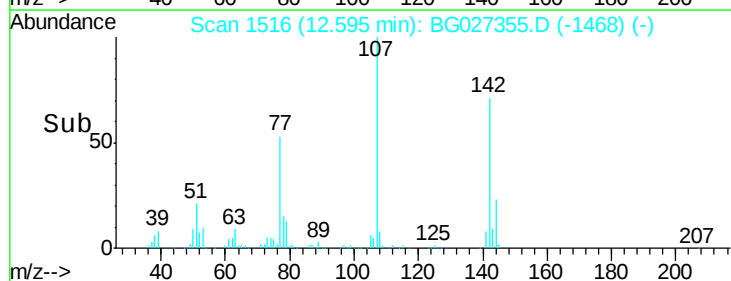
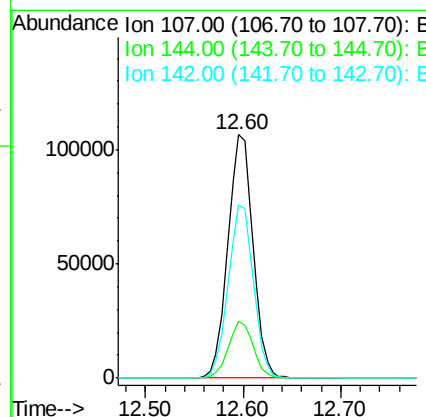
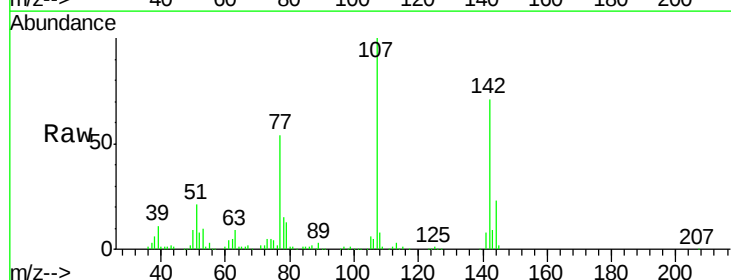
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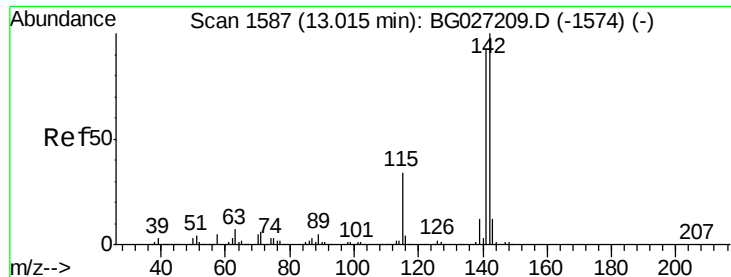
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.666 ng
 RT: 12.60 min Scan# 1516
 Delta R.T. -0.02 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	17.4	26.0
142	71.0	54.1	81.1





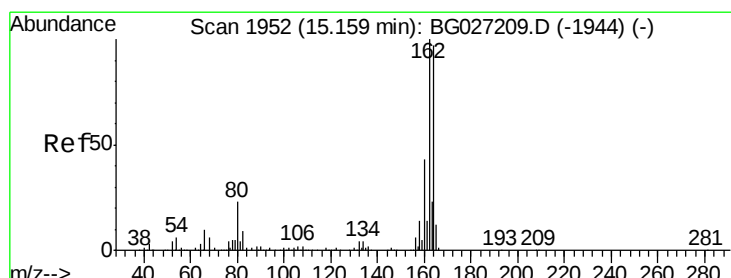
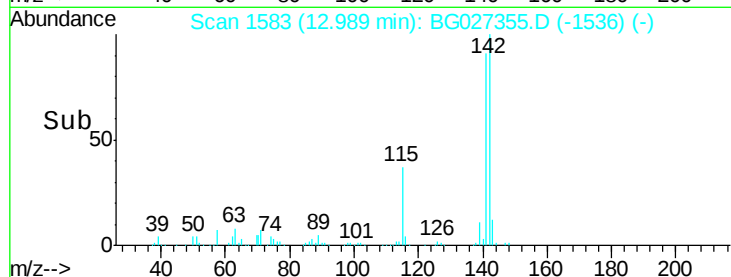
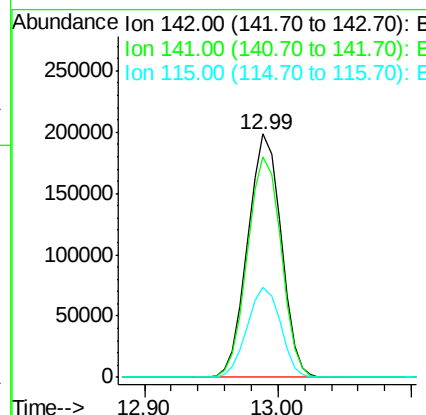
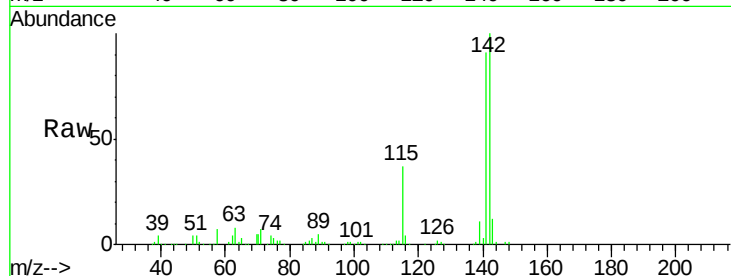
#37
 2-Methylnaphthalene
 Concen: 42.905 ng
 RT: 12.99 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampled :
 RT-4215MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.4	105.6
115	37.2	35.5	53.3

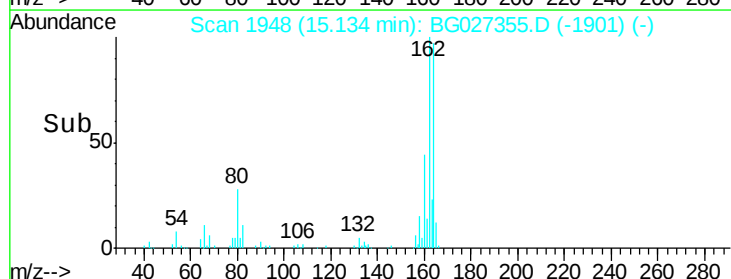
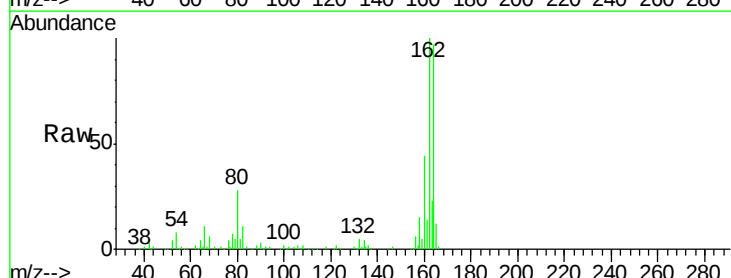
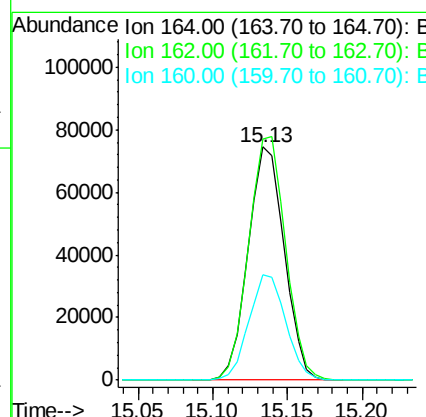
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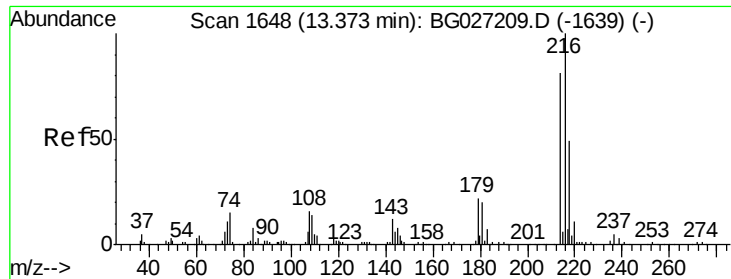
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	45.2	34.7	52.1





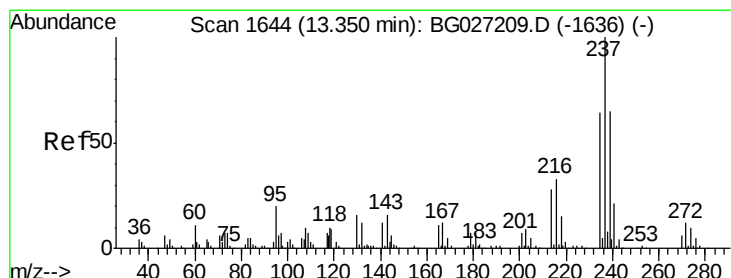
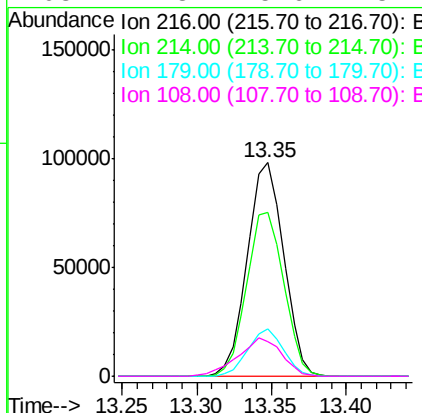
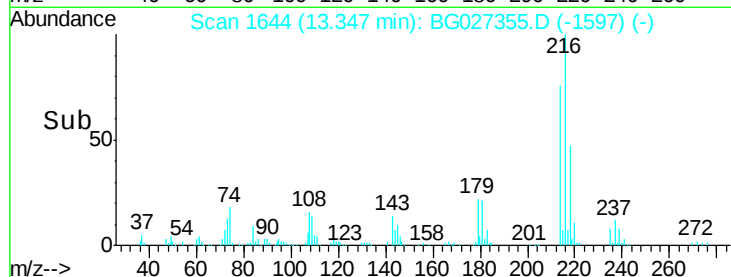
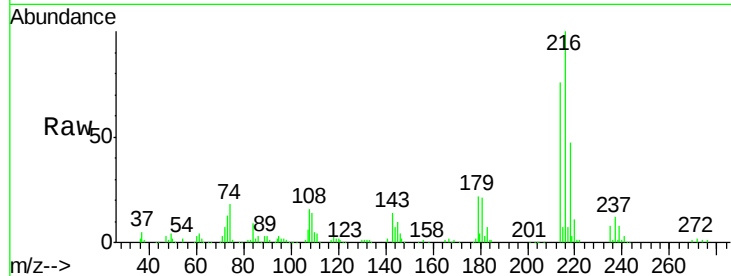
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.683 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	165571		
214	78.3	64.4	96.6	
179	21.7	17.4	26.0	
108	21.8	15.6	23.4	

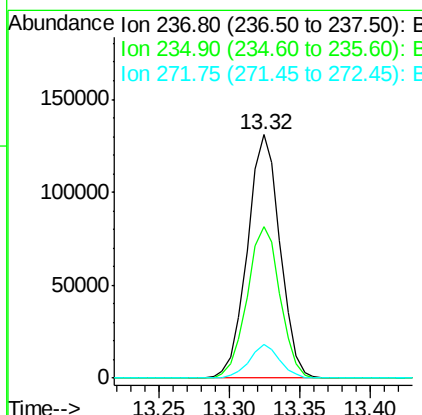
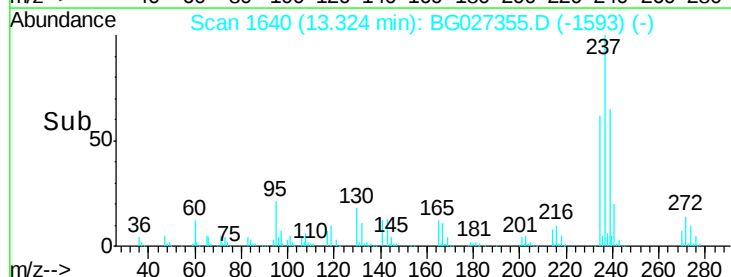
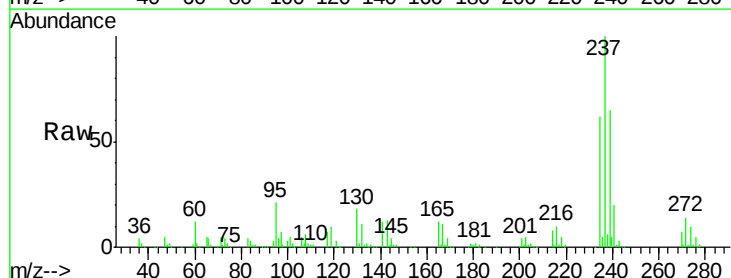
Manual Integrations
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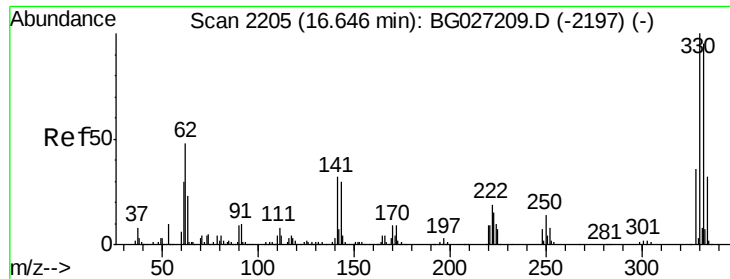
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#40
 Hexachlorocyclopentadiene
 Concen: 102.715 ng
 RT: 13.32 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	212065		
235	62.3	39.4	79.4	
272	13.7	0.0	32.0	





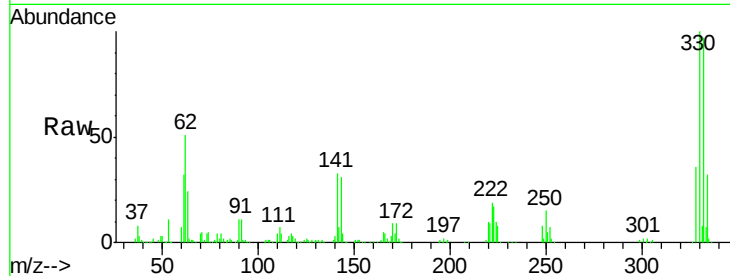
#41
 2,4,6-Tribromophenol
 Concen: 170.939 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

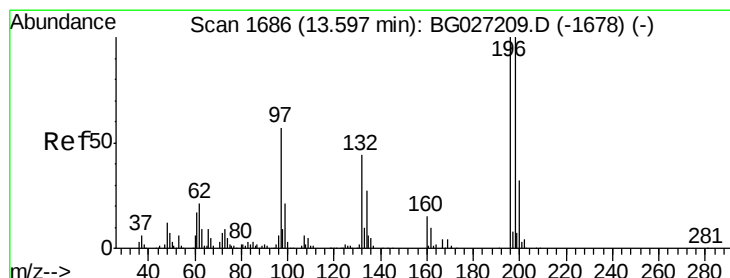
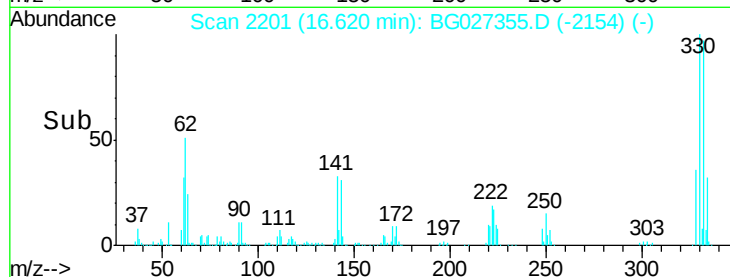
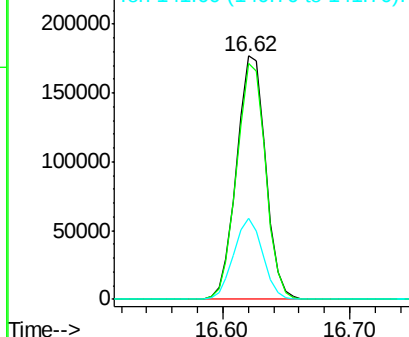
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	280284		
332	96.5	77.3	115.9	
141	33.1	32.1	48.1	

Manual Integrations
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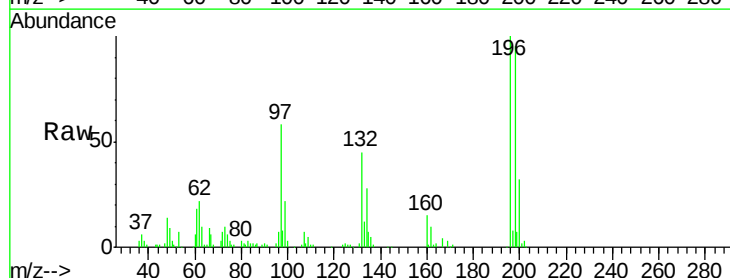


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

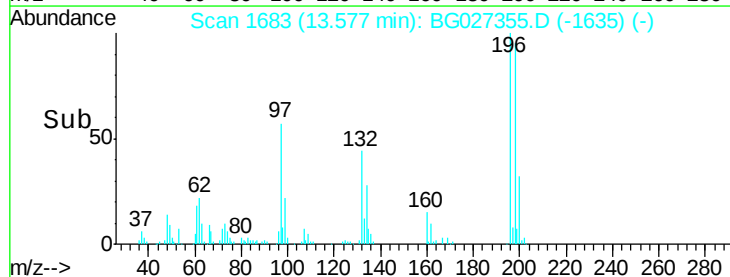
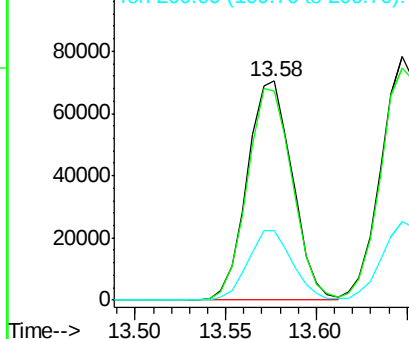


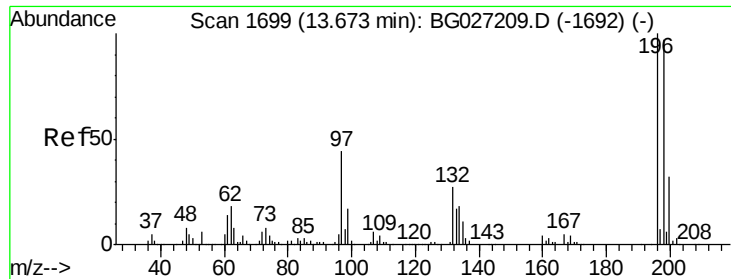
#42
 2,4,6-Trichlorophenol
 Concen: 51.638 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121493		
198	95.5	81.4	122.2	
200	31.9	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





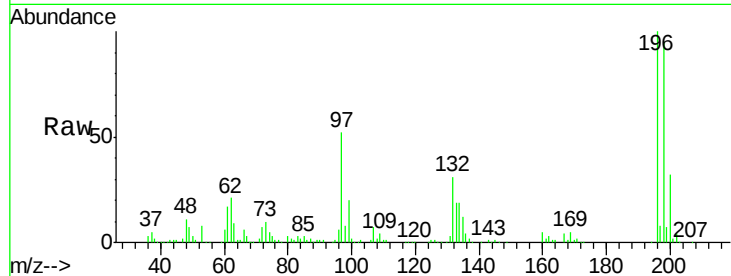
#43
 2,4,5-Trichlorophenol
 Concen: 50.728 ng
 RT: 13.65 min Scan# 1695
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

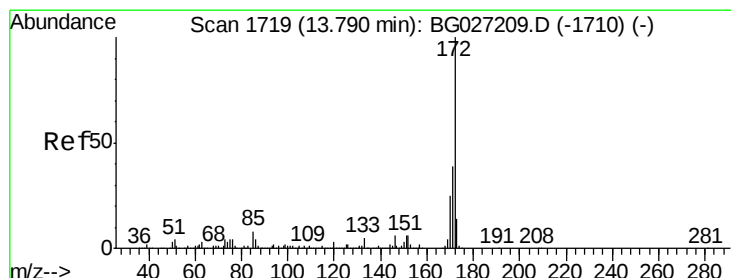
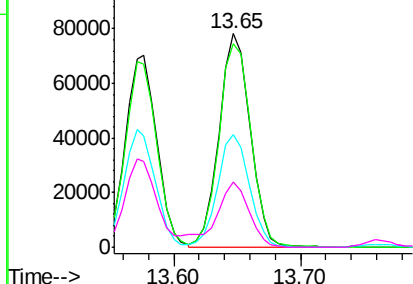
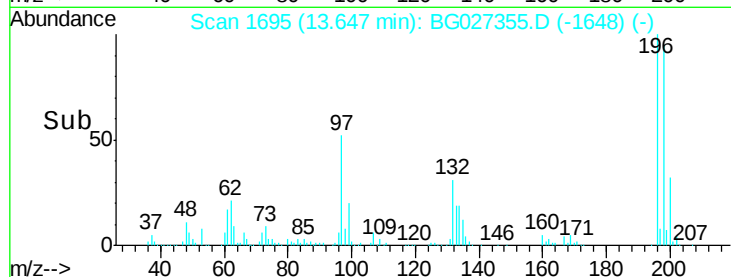
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133558		
198	95.5	79.9	119.9	
97	52.5	45.4	68.0	
132	30.5	20.7	31.1	

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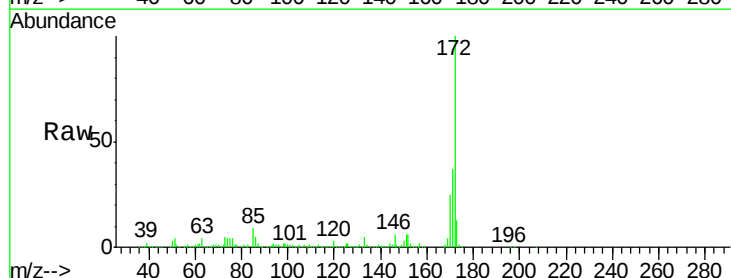


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

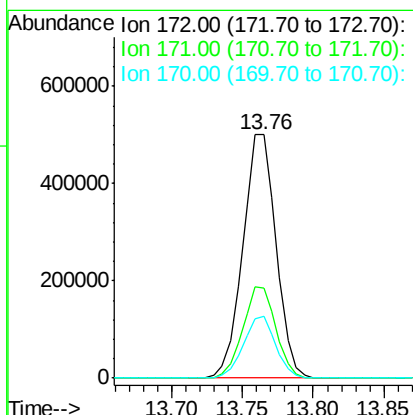
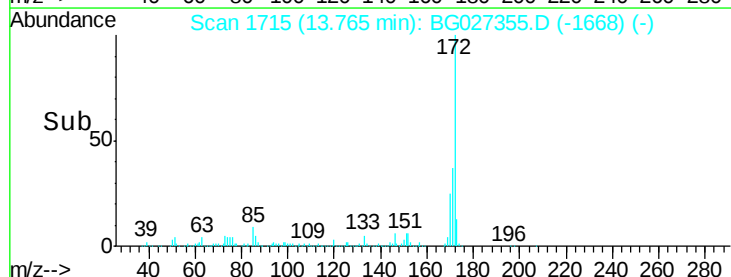


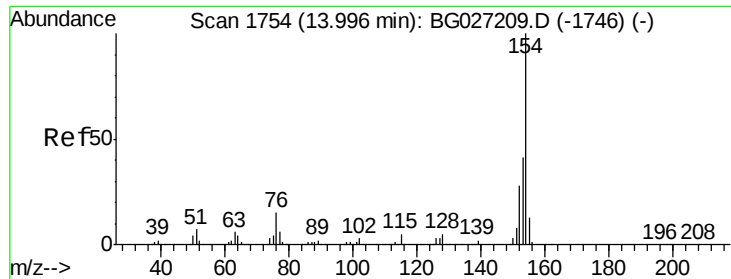
#44
 2-Fluorobiphenyl
 Concen: 92.576 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	823976		
171	37.2	32.2	48.2	
170	25.3	21.8	32.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





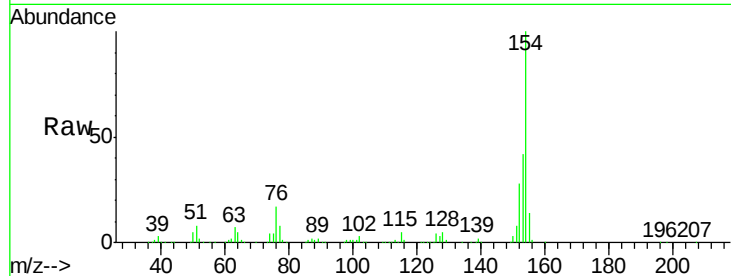
#45
 1,1'-Biphenyl
 Concen: 44.940 ng
 RT: 13.97 min Scan# 1750
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

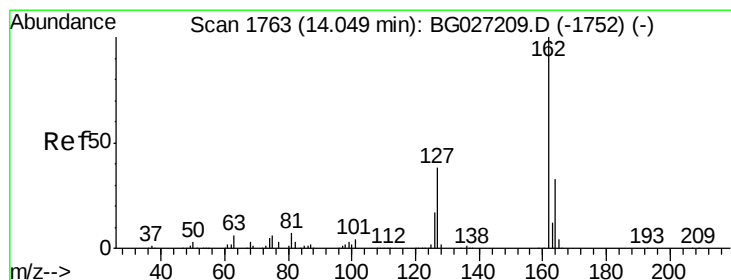
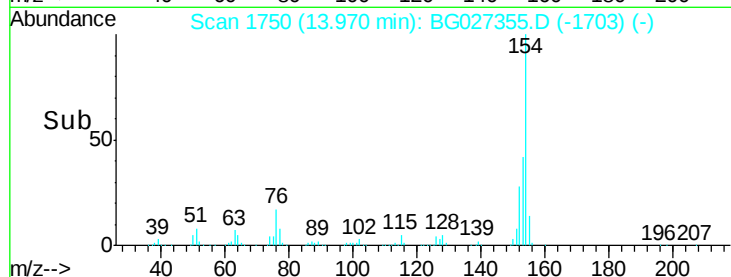
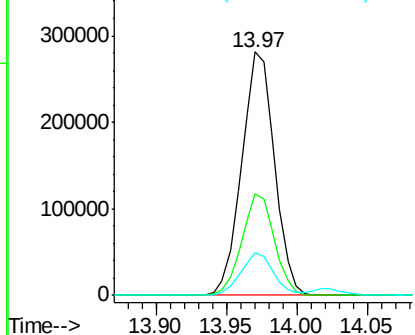
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	456754		
153	41.7	23.0	63.0	
76	17.5	0.0	33.5	

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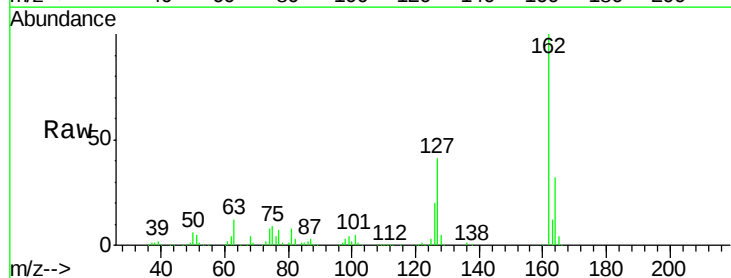


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

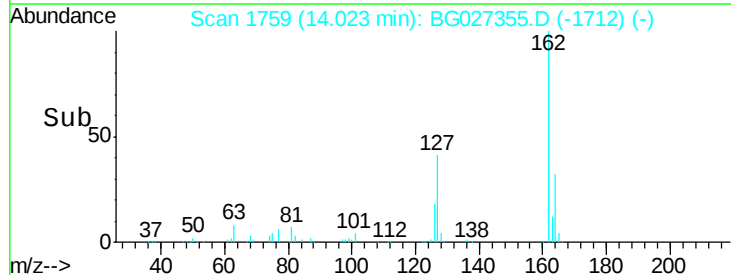
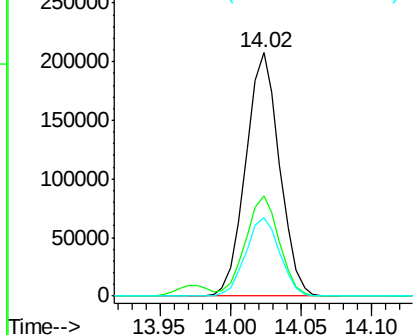


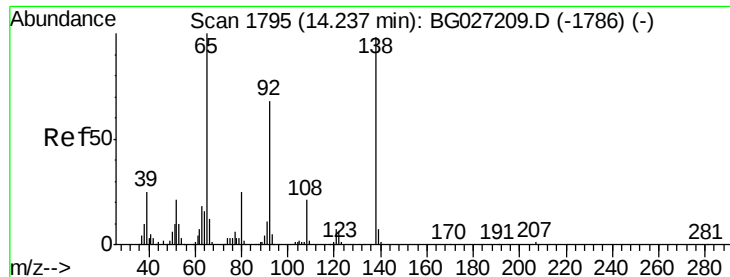
#46
 2-Chloronaphthalene
 Concen: 45.667 ng
 RT: 14.02 min Scan# 1759
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347983		
127	41.4	32.2	48.4	
164	32.3	27.3	40.9	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 61.996 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

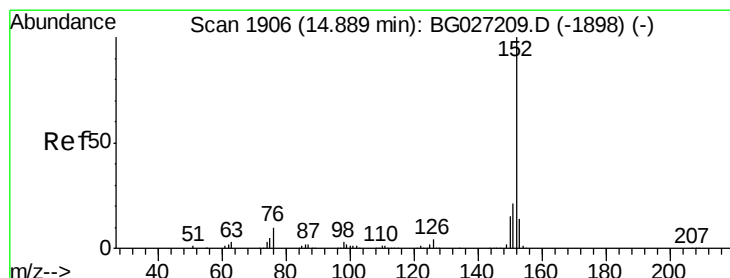
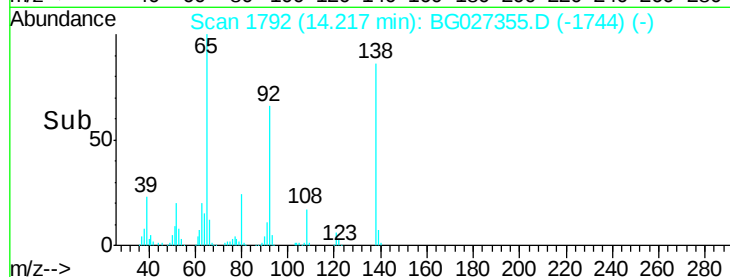
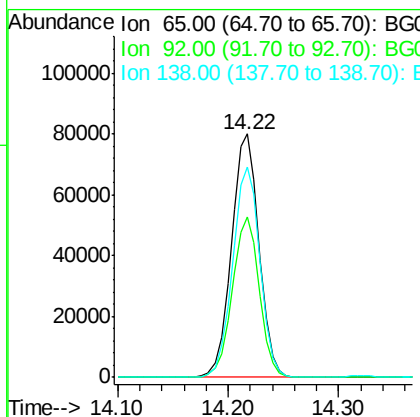
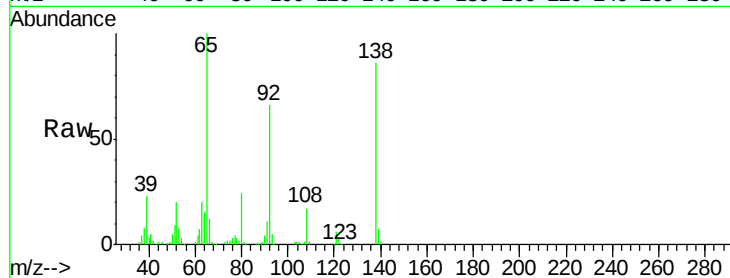
ClientSampleId :

RT-4215MS

Tgt Ion:	65	Resp:	139377
Ion Ratio	Lower	Upper	
65	100		
92	66.1	49.0	73.4
138	86.4	58.6	87.8

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#48

Acenaphthylene

Concen: 43.910 ng

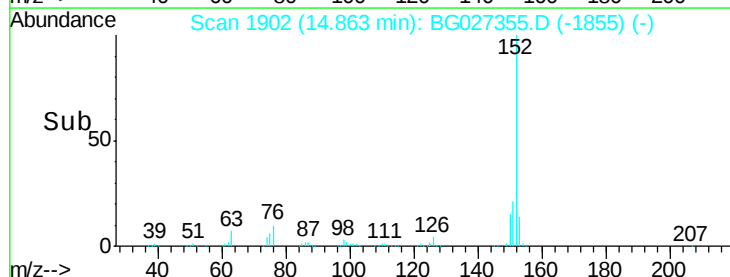
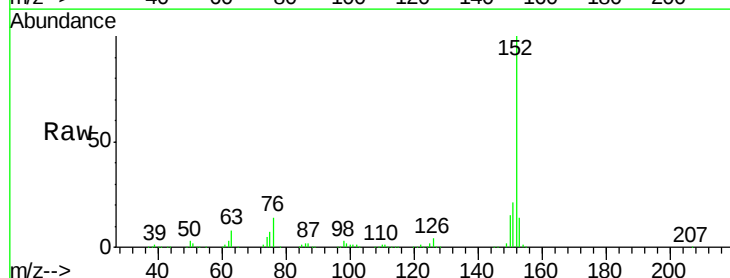
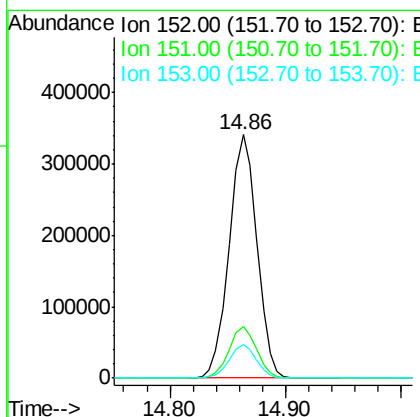
RT: 14.86 min Scan# 1902

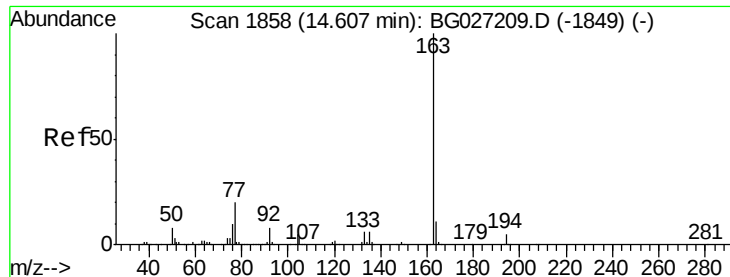
Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	152	Resp:	566265
Ion Ratio	Lower	Upper	
152	100		
151	21.1	18.2	27.2
153	14.0	11.3	16.9





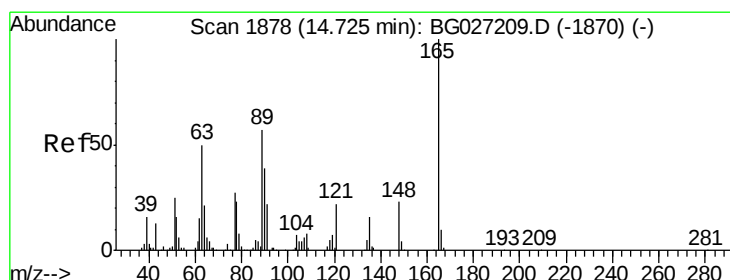
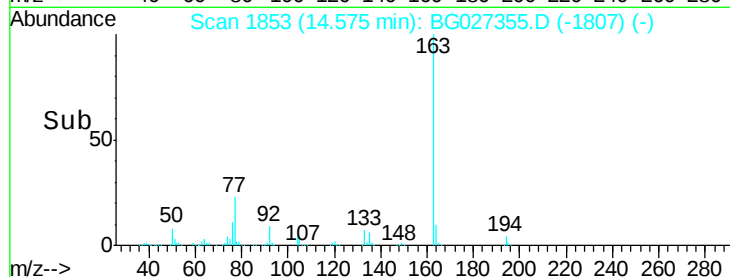
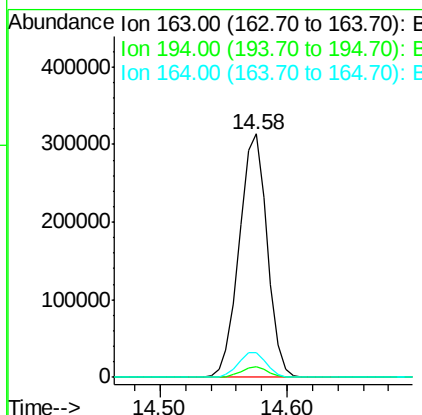
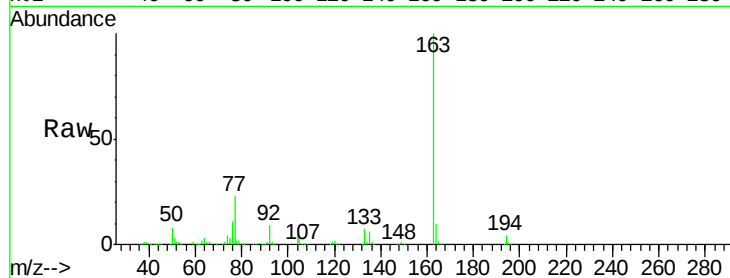
#49
Dimethylphthalate
Concen: 48.218 ng
RT: 14.58 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	476274		
194	4.4	3.8	5.6	
164	10.3	9.3	13.9	

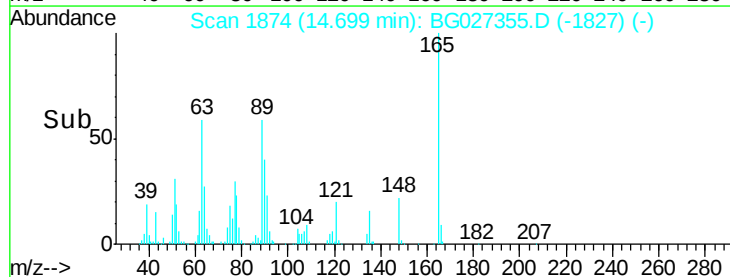
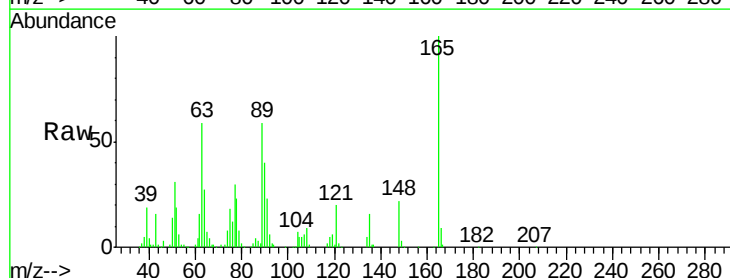
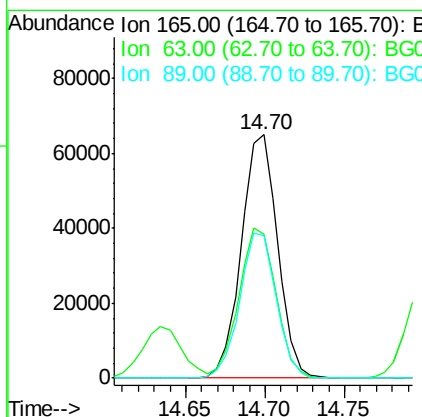
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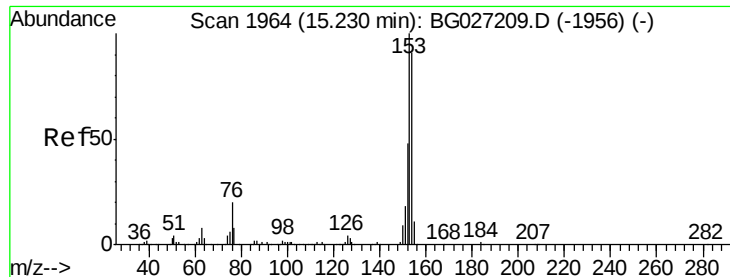
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#50
2,6-Dinitrotoluene
Concen: 51.054 ng
RT: 14.70 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103259		
63	59.1	63.9	95.9#	
89	58.7	58.6	88.0	





#51

Acenaphthene

Concen: 50.022 ng

RT: 15.20 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

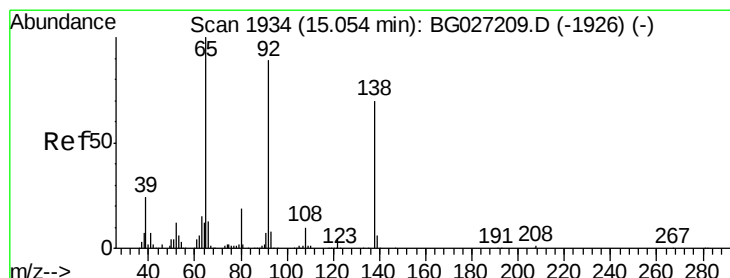
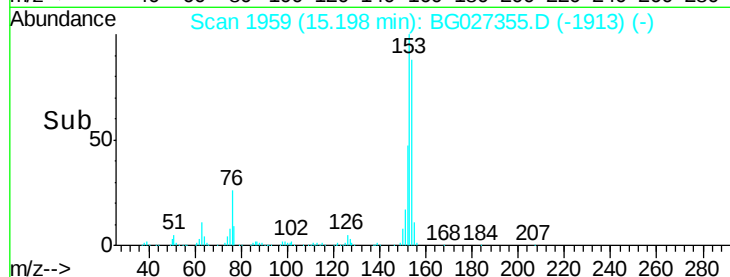
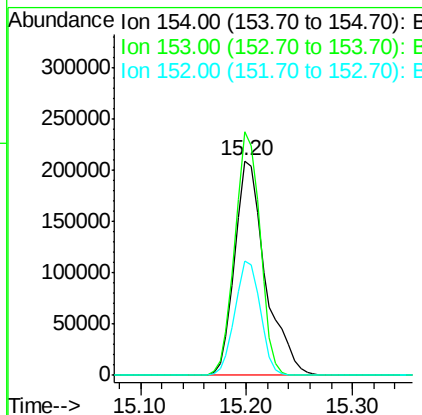
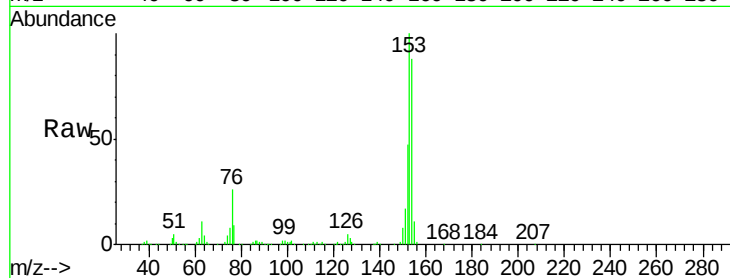
ClientSampleId :

RT-4215MS

Tgt Ion:	154	Resp:	419608
Ion Ratio	Lower	Upper	
154	100		
153	113.7	87.8	131.6
152	53.4	42.2	63.4

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#52

3-Nitroaniline

Concen: 24.960 ng

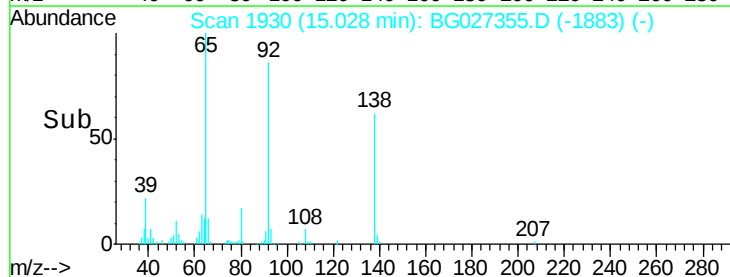
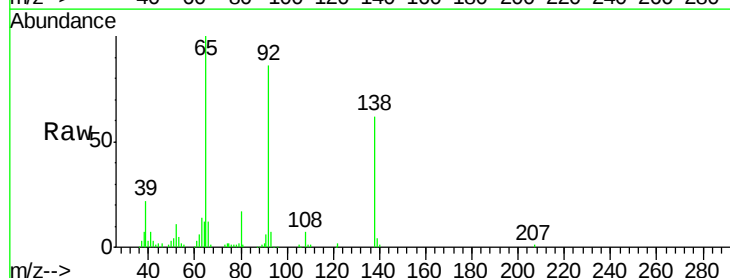
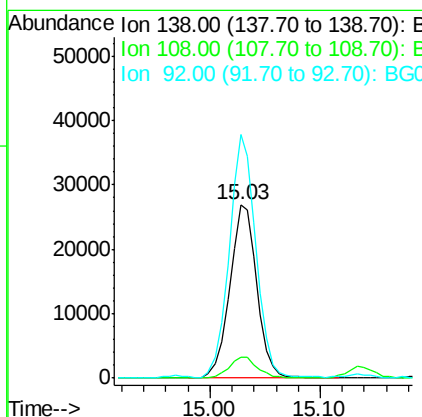
RT: 15.03 min Scan# 1930

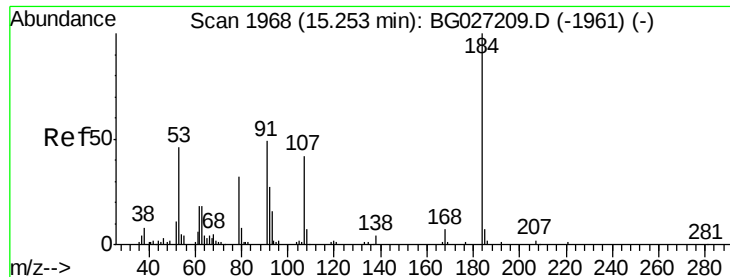
Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion:	138	Resp:	45985
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.9	16.3
92	140.2	115.3	172.9





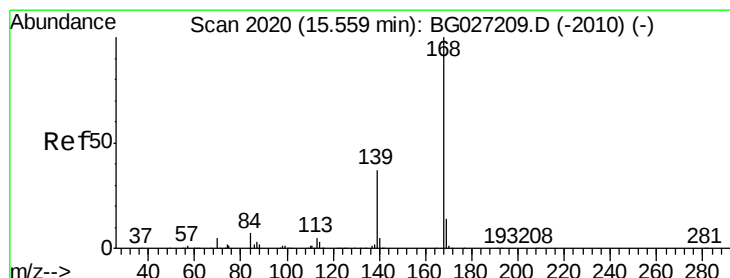
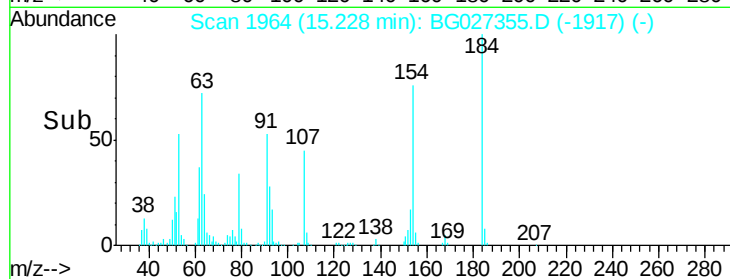
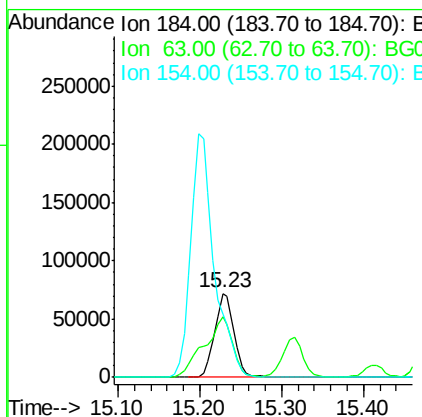
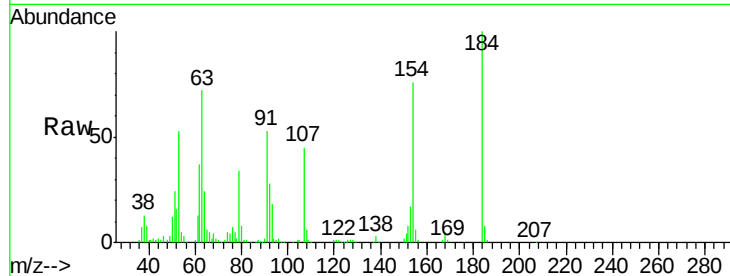
#53
2,4-Dinitrophenol
Concen: 107.227 ng
RT: 15.23 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	52.7	79.1
154	76.0	57.3	85.9

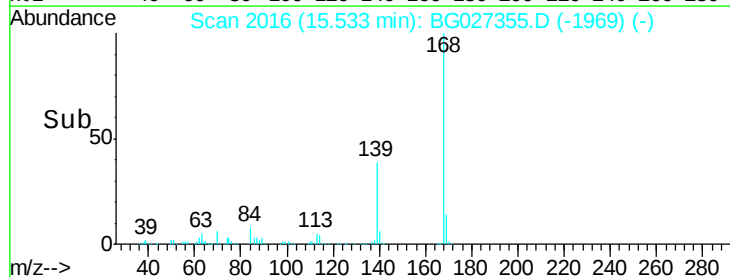
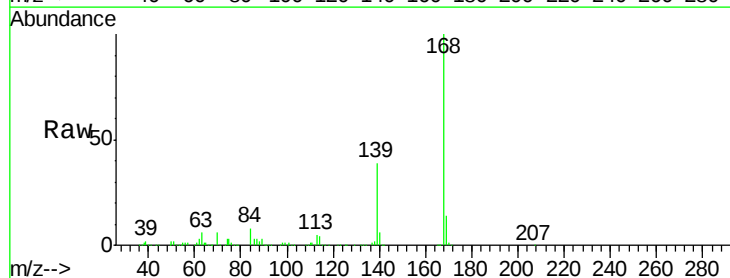
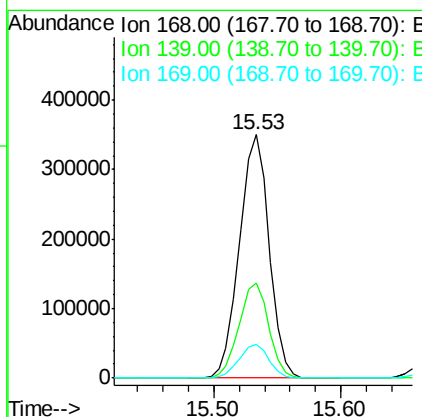
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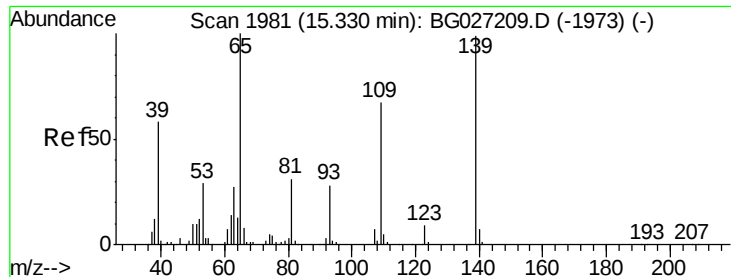
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#54
Dibenzofuran
Concen: 48.448 ng
RT: 15.53 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	35.3	52.9
169	14.0	11.5	17.3





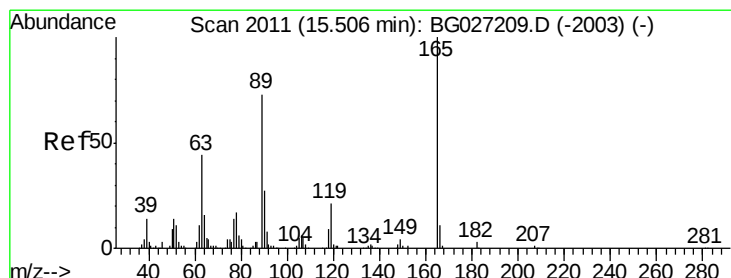
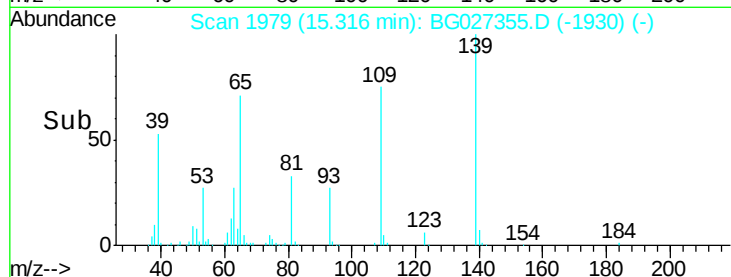
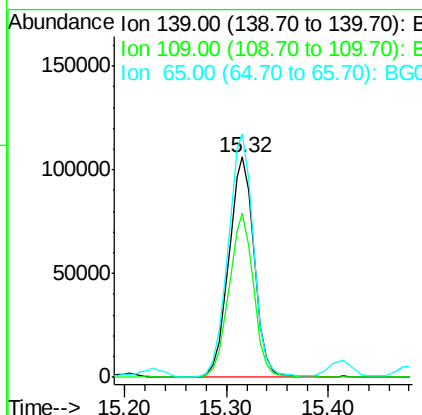
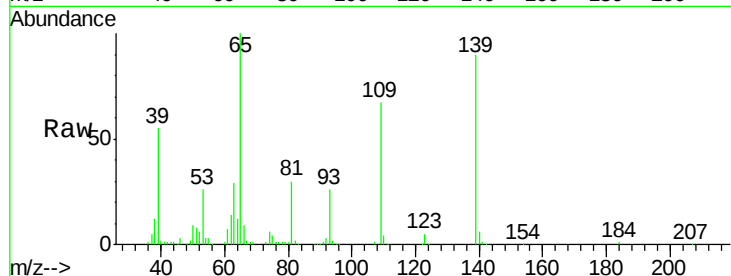
#55
4-Nitrophenol
Concen: 96.880 ng
RT: 15.32 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	183371		
109	74.4	101.2	141.2#	
65	110.6	135.3	175.3#	

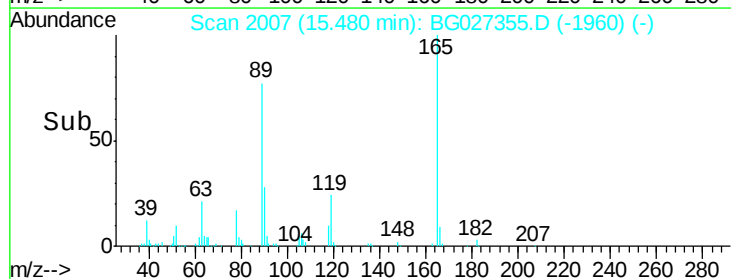
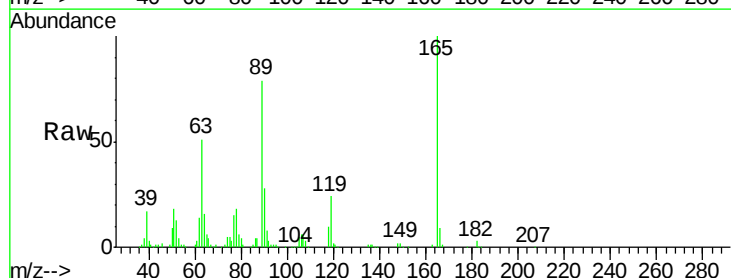
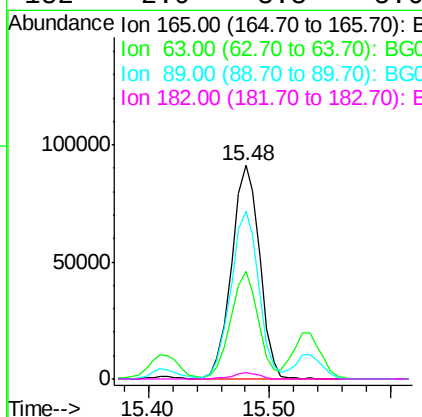
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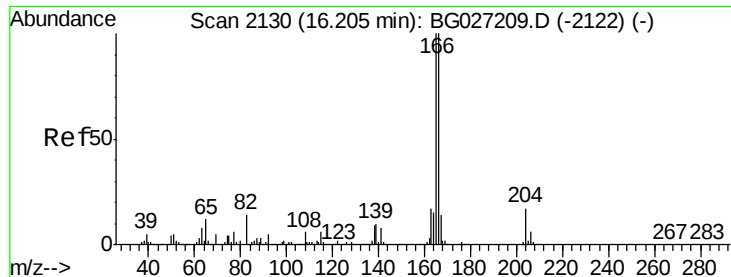
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#56
2,4-Dinitrotoluene
Concen: 56.090 ng
RT: 15.48 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147531		
63	50.6	44.0	66.0	
89	78.7	67.3	100.9	
182	2.9	3.8	5.6#	





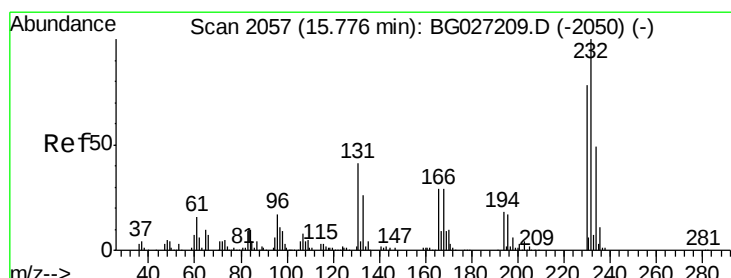
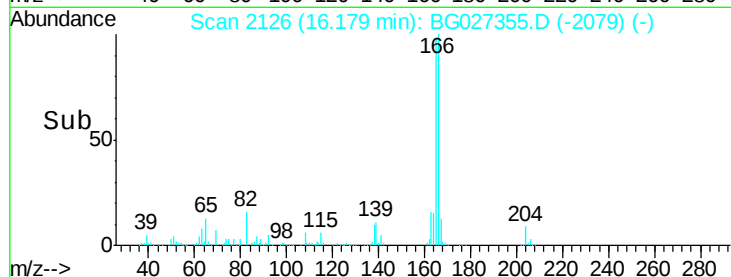
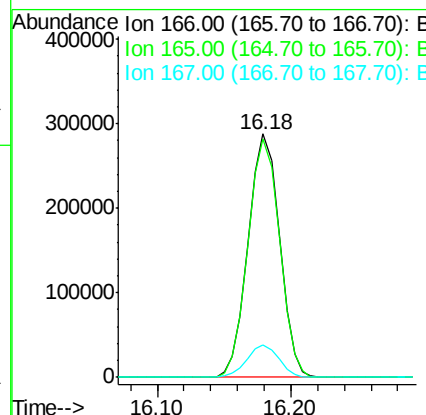
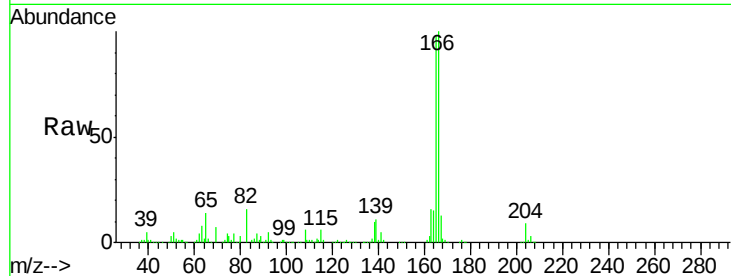
#57
 Fluorene
 Concen: 44.922 ng
 RT: 16.18 min Scan# 2126
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	467717		
165	98.0		78.6	117.8
167	13.1		11.6	17.4

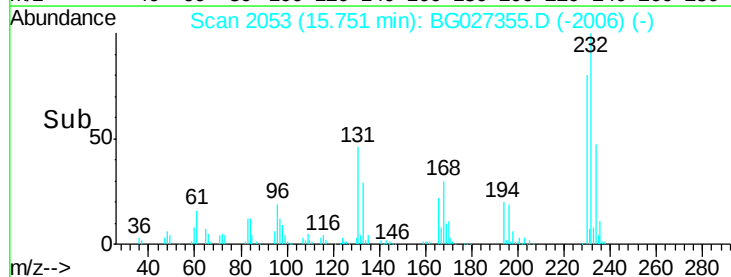
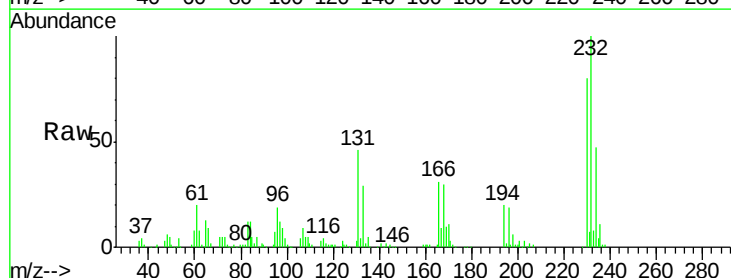
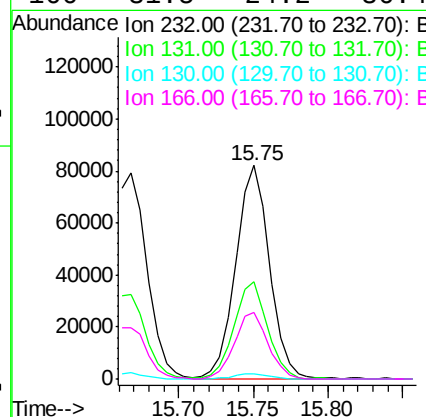
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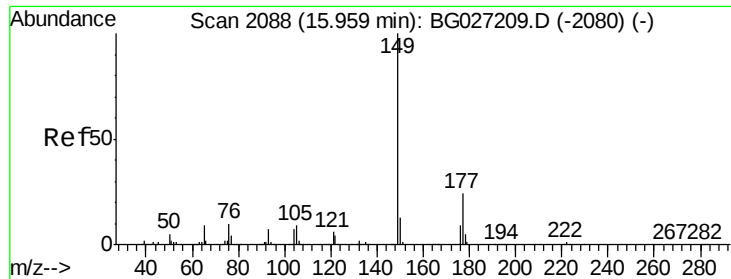
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.615 ng
 RT: 15.75 min Scan# 2053
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	128358		
131	46.1		34.9	52.3
130	2.5		2.3	3.5
166	31.5		24.2	36.4





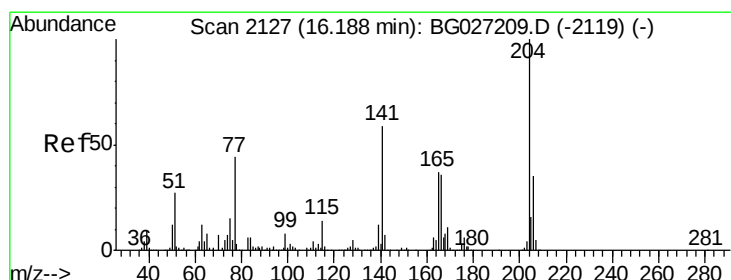
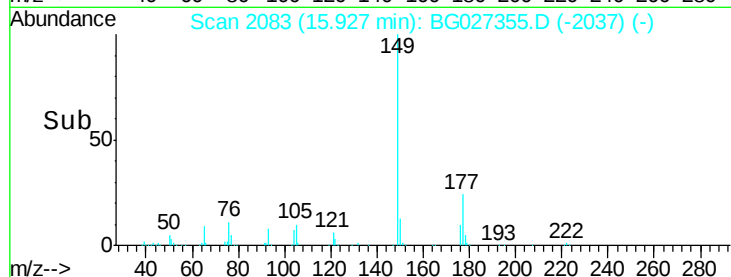
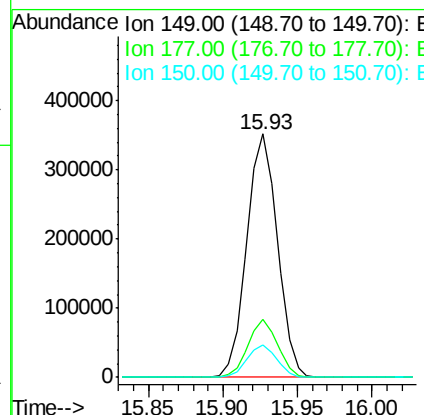
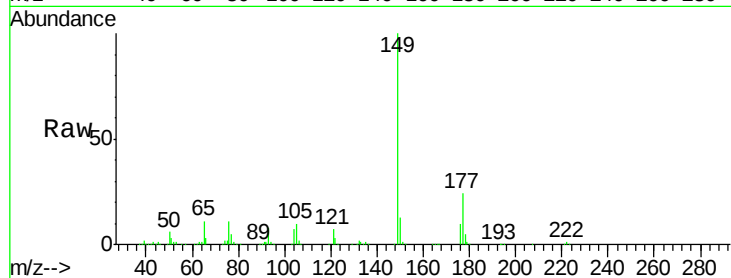
#59
Diethylphthalate
Concen: 50.674 ng
RT: 15.93 min Scan# 2083
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	499268		
177	23.8	20.1	30.1	
150	13.3	10.2	15.2	

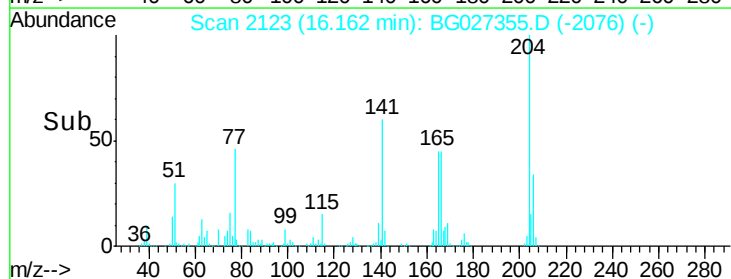
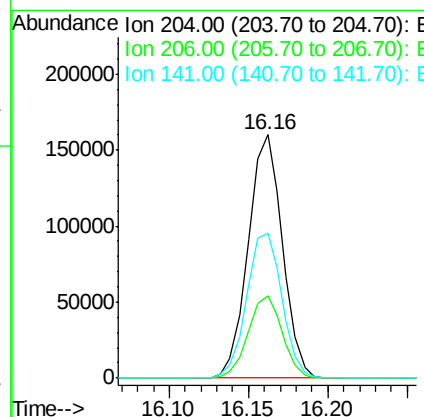
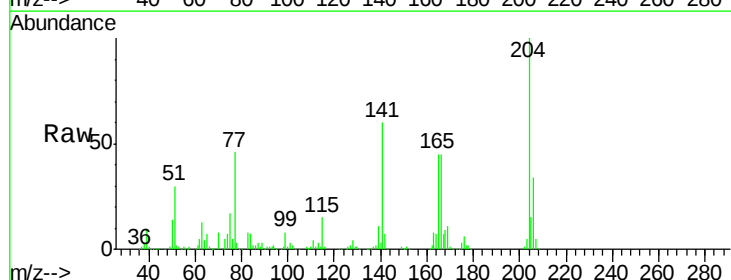
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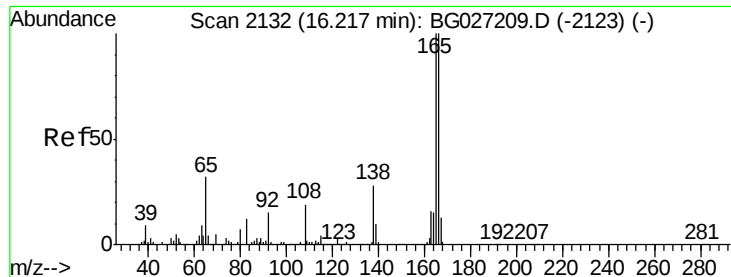
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#60
4-Chlorophenyl-phenylether
Concen: 45.724 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	239808		
206	34.0	30.1	45.1	
141	59.6	50.6	76.0	





#61

4-Nitroaniline

Concen: 54.232 ng

RT: 16.20 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

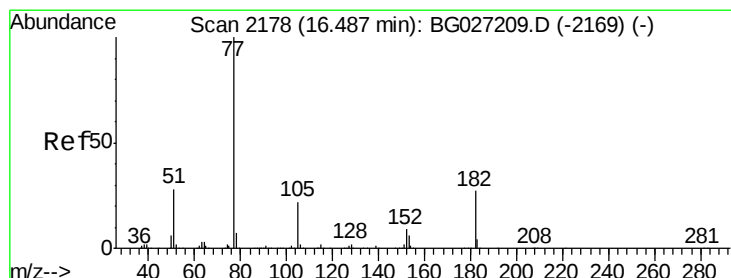
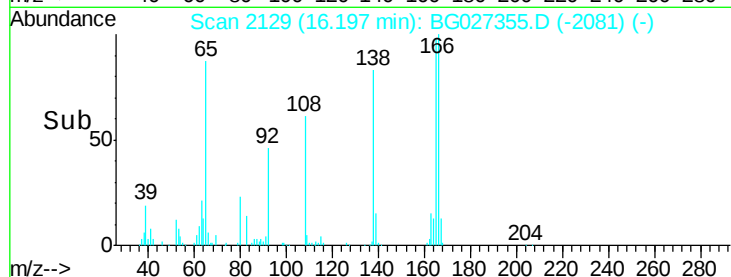
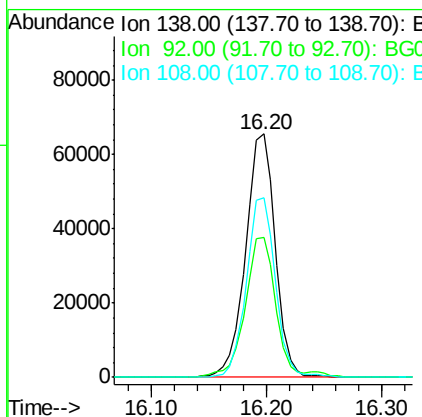
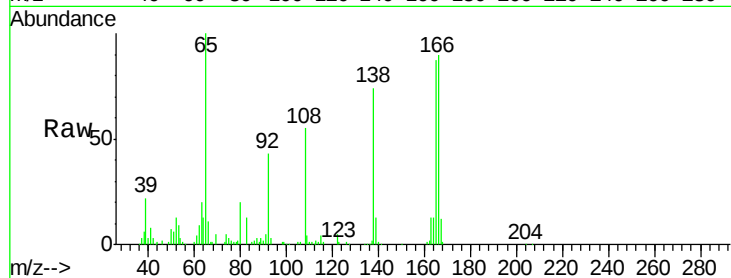
ClientSampleId :

RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	117367		
92	57.5	44.2	84.2	
108	73.6	104.8	144.8	

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#62

Azobenzene

Concen: 58.944 ng

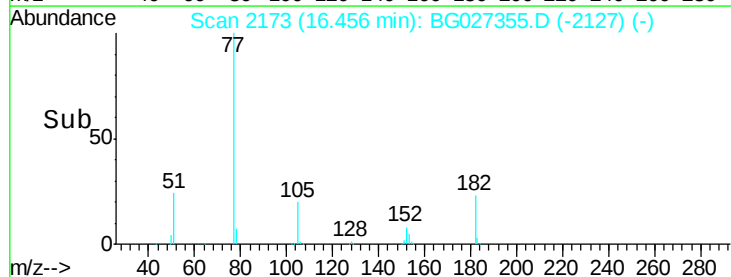
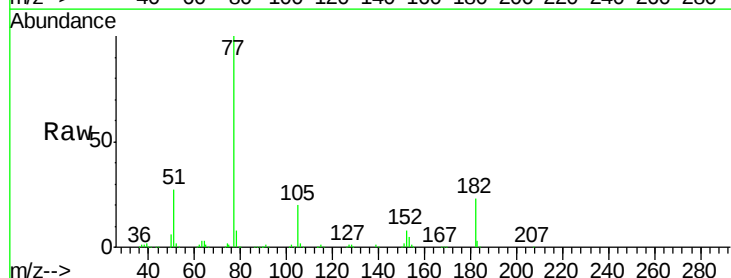
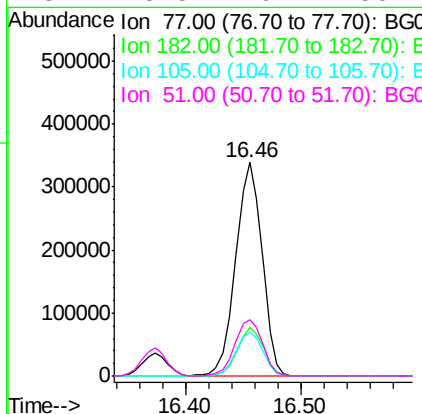
RT: 16.46 min Scan# 2173

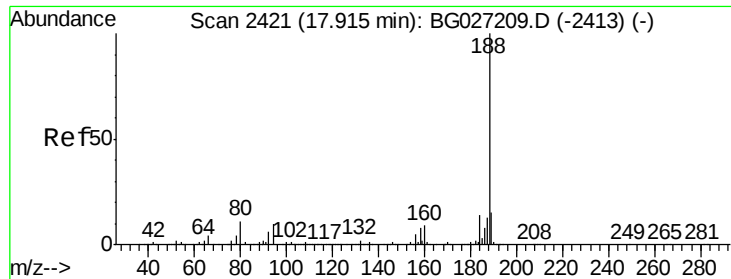
Delta R.T. -0.03 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	538245		
182	22.8	4.7	44.7	
105	20.4	0.0	36.3	
51	26.5	16.4	56.4	





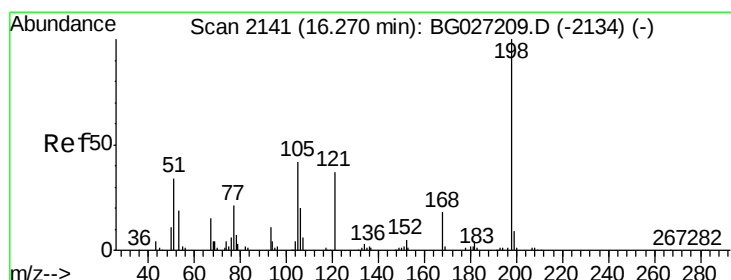
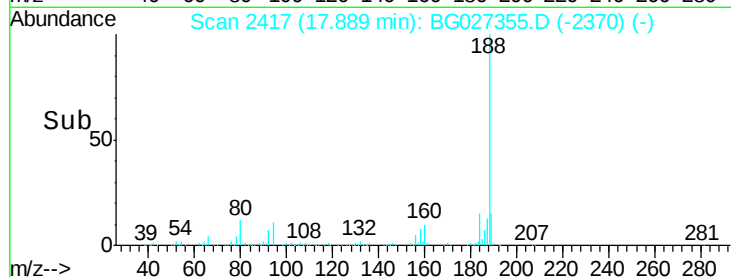
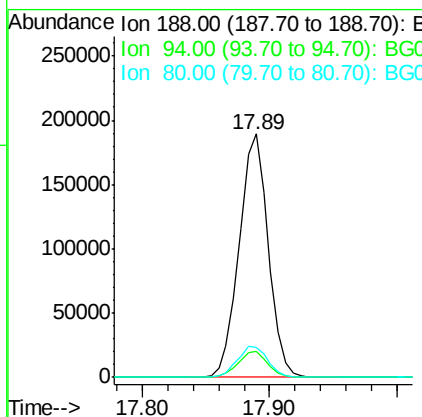
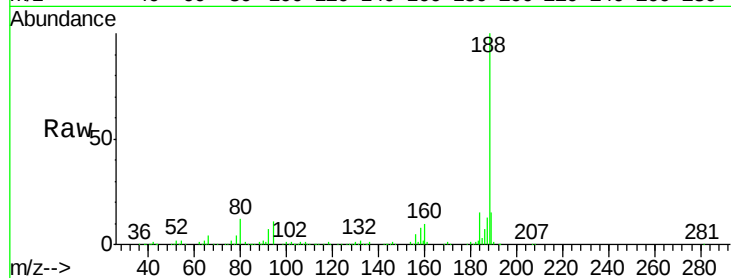
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299878		
94	10.7	5.8	8.8#	
80	12.4	7.5	11.3#	

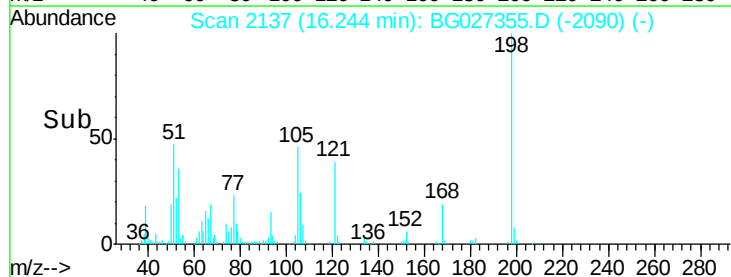
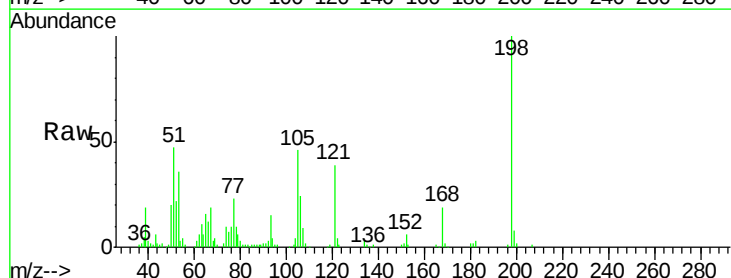
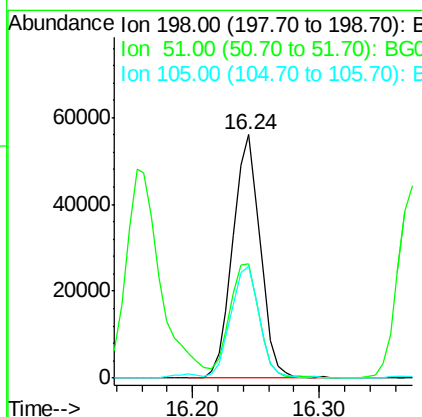
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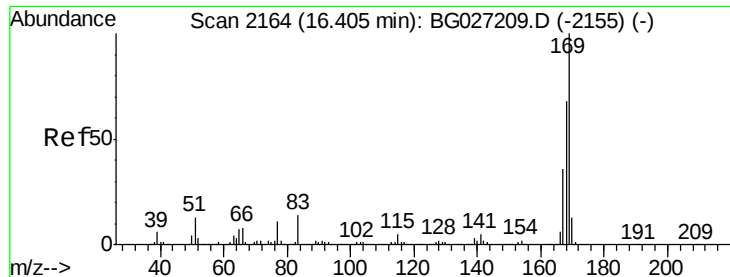
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#64
4,6-Dinitro-2-methylphenol
Concen: 58.433 ng
RT: 16.24 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	83916		
51	47.1	22.6	62.6	
105	46.1	14.4	54.4	





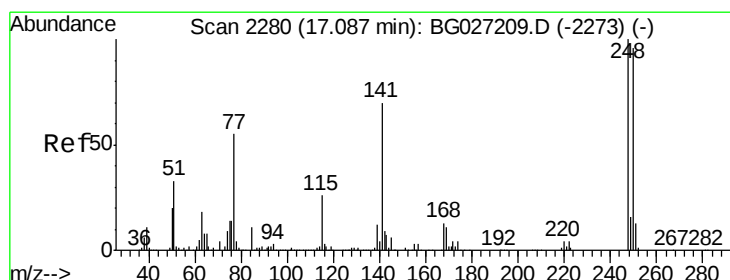
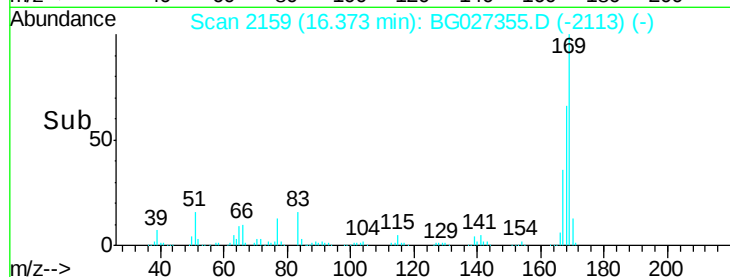
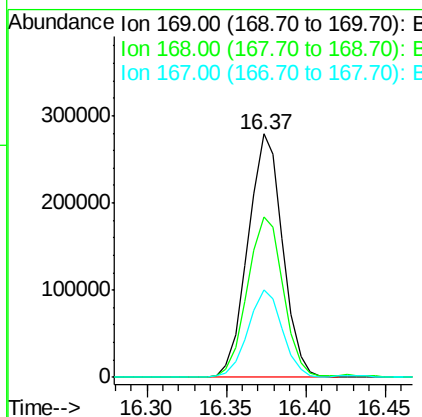
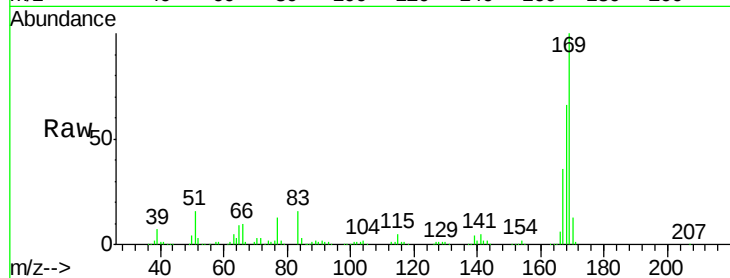
#65
 n-Nitrosodiphenylamine
 Concen: 45.224 ng
 RT: 16.37 min Scan# 2159
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	425168		
168	66.0		55.7	83.5
167	35.9		29.8	44.6

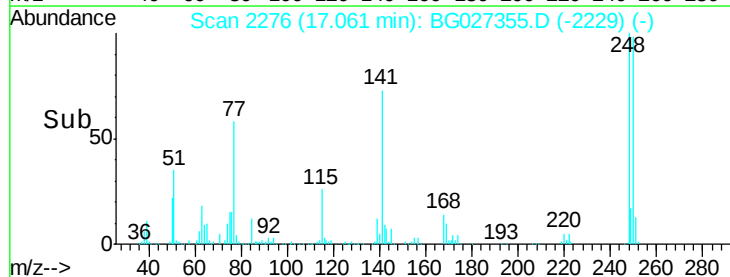
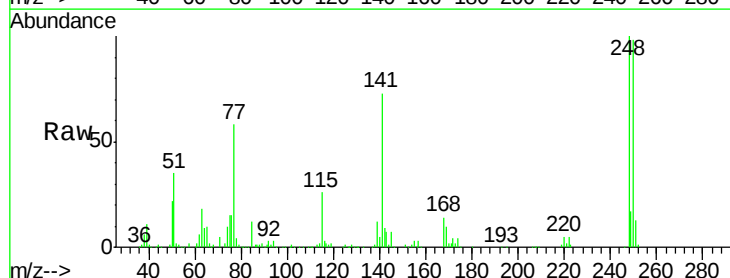
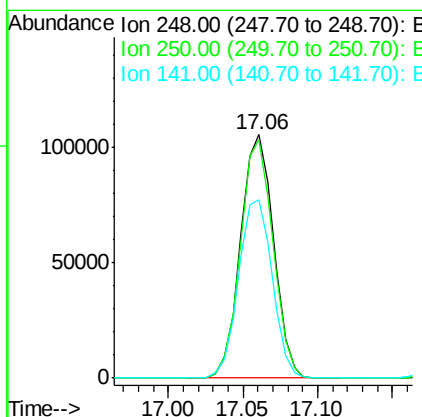
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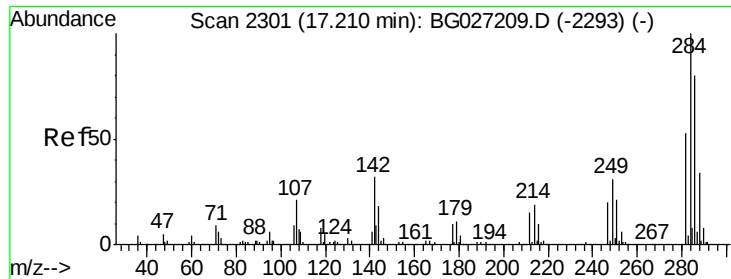
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#66
 4-Bromophenyl-phenylether
 Concen: 45.483 ng
 RT: 17.06 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	161431		
250	98.0		75.0	112.6
141	73.1		55.2	82.8





#67

Hexachlorobenzene

Concen: 44.873 ng

RT: 17.18 min Scan# 2297

Delta R.T. -0.03 min

Lab File: BG027355.D

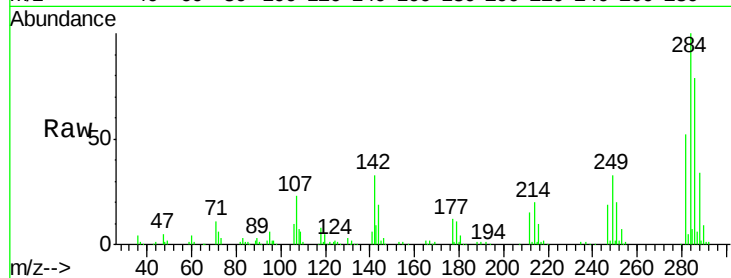
Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampled :

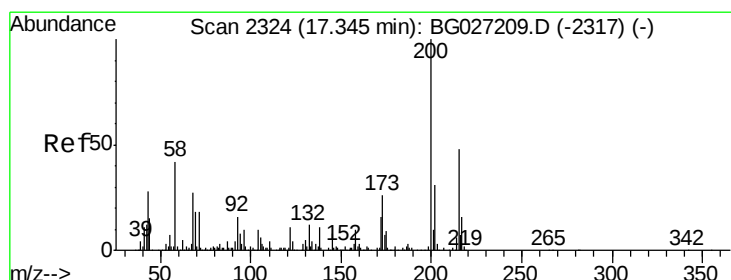
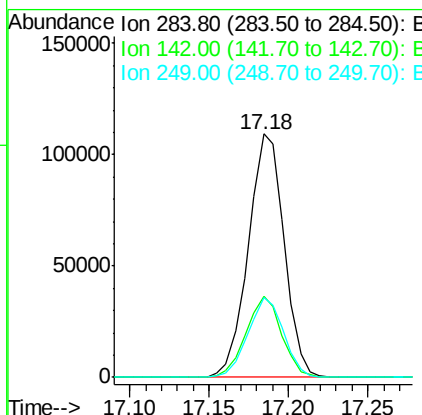
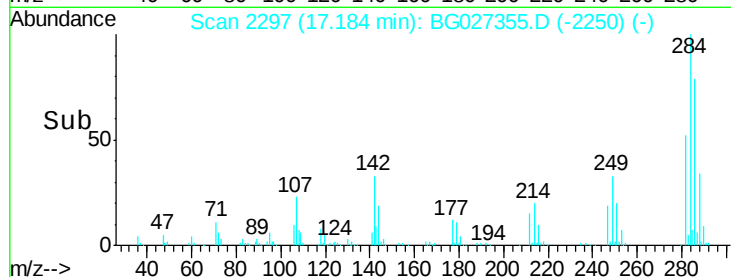
RT-4215MS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	171305		
142	33.2	29.9	44.9	
249	32.7	29.2	43.8	

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#68

Atrazine

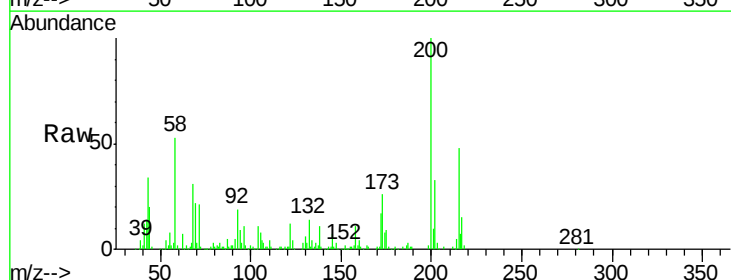
Concen: 50.283 ng

RT: 17.31 min Scan# 2319

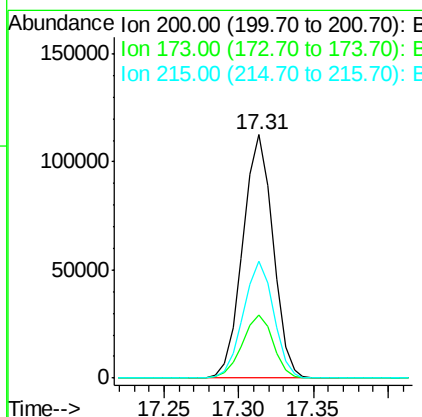
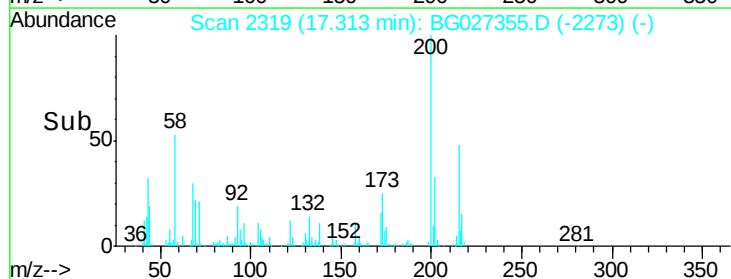
Delta R.T. -0.03 min

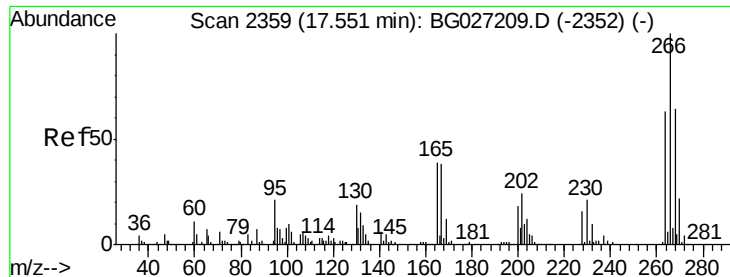
Lab File: BG027355.D

Acq: 9 Jun 2017 20:07



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	158082		
173	26.1	3.0	43.0	
215	47.8	28.4	68.4	





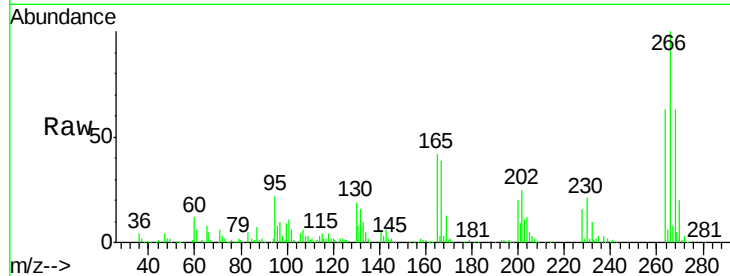
#69
 Pentachlorophenol
 Concen: 99.873 ng
 RT: 17.52 min Scan# 2355
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

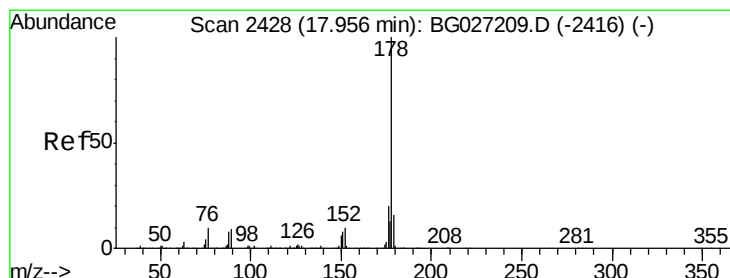
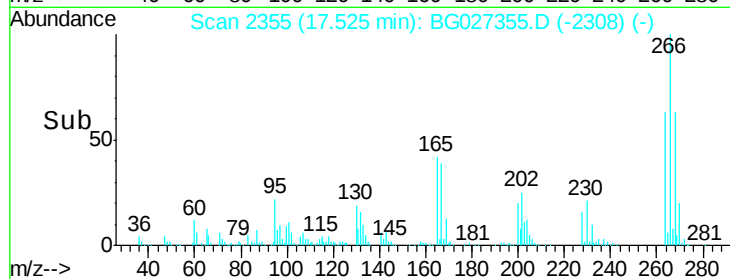
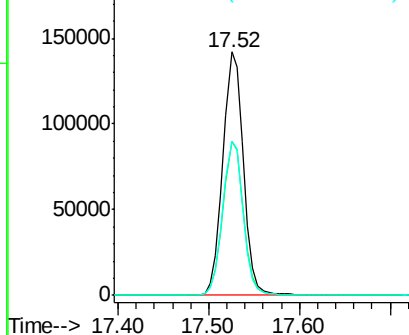
Tgt	Ion	Resp	Lower	Upper
266	100			
268	63.4	48.6	72.8	
264	63.4	50.1	75.1	

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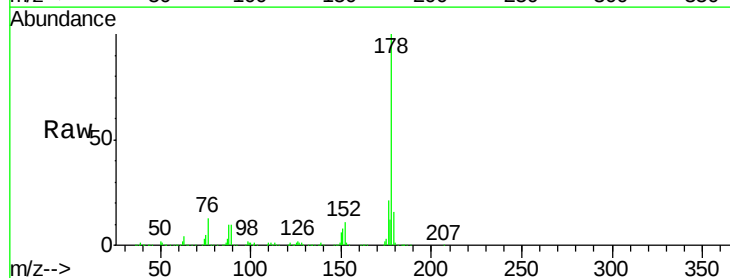


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

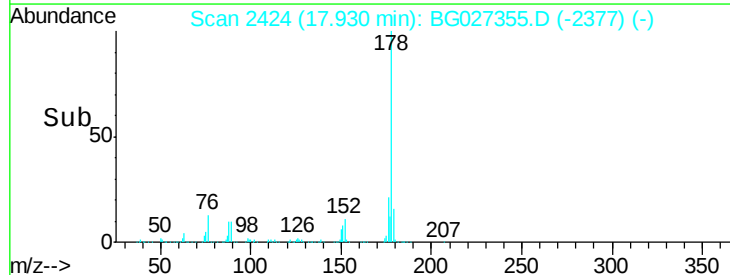
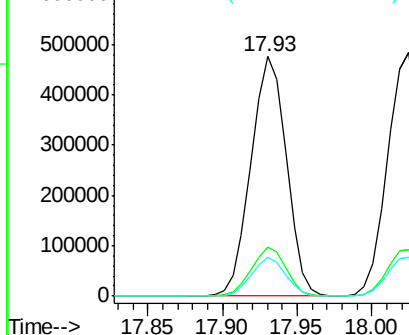


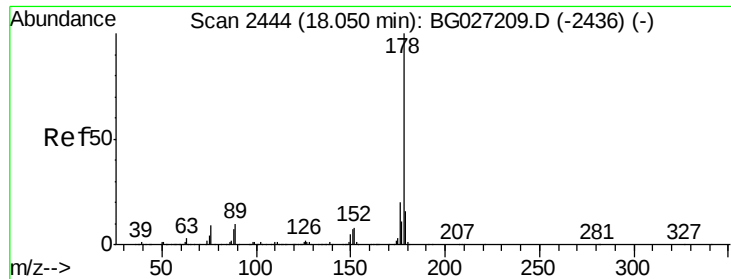
#70
 Phenanthrene
 Concen: 46.281 ng
 RT: 17.93 min Scan# 2424
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt	Ion	Resp	Lower	Upper
178	100			
176	20.5	17.7	26.5	
179	16.1	15.0	22.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





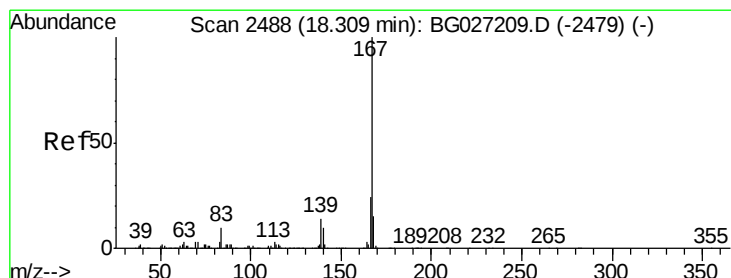
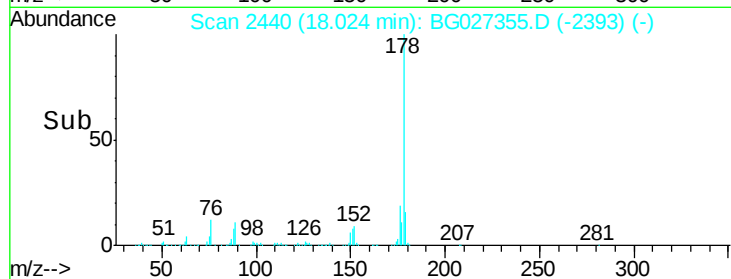
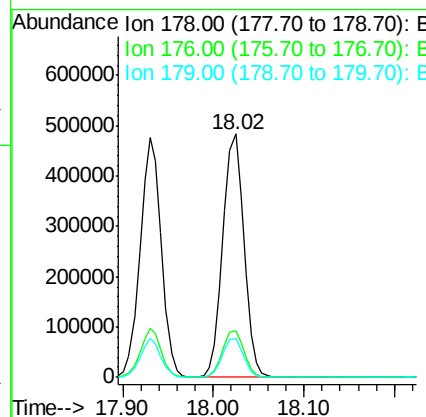
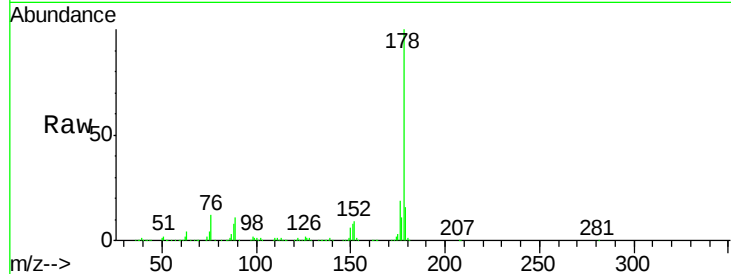
#71
 Anthracene
 Concen: 46.454 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.9	13.8	20.8

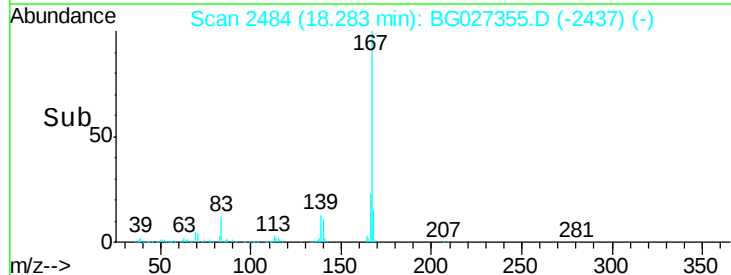
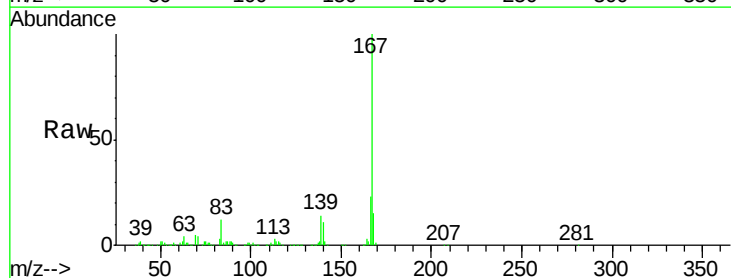
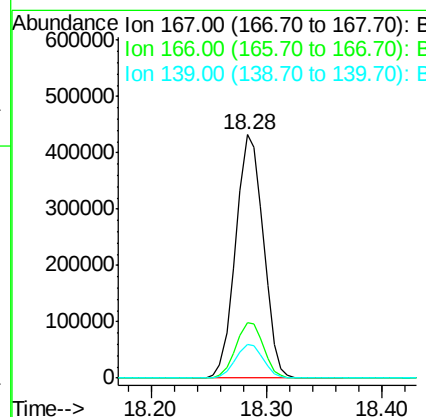
Manual Integrations
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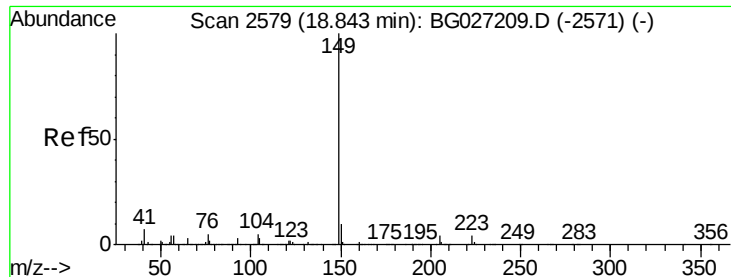
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#72
 Carbazole
 Concen: 45.009 ng
 RT: 18.28 min Scan# 2484
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	20.2	30.2
139	13.8	12.8	19.2





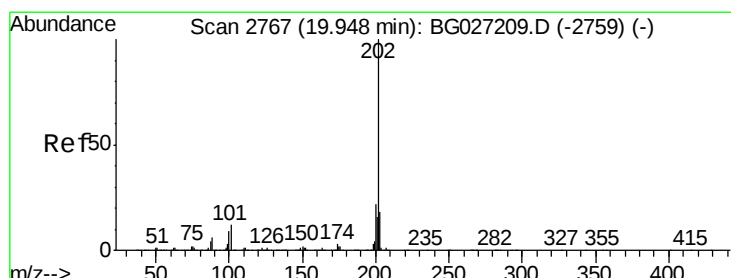
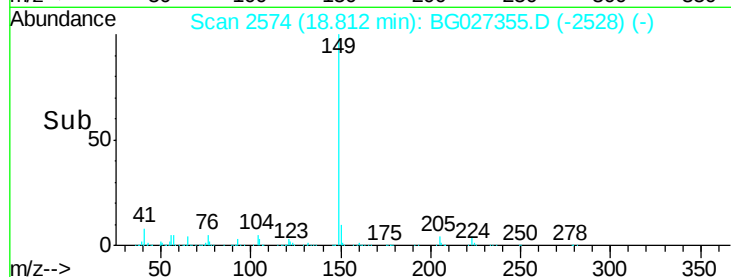
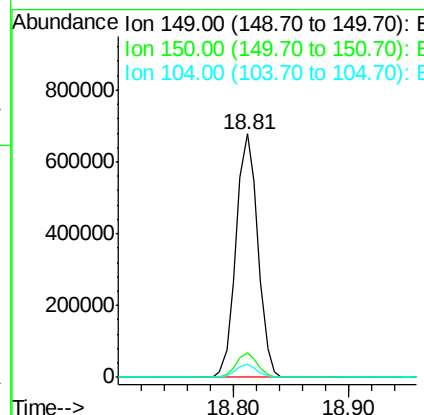
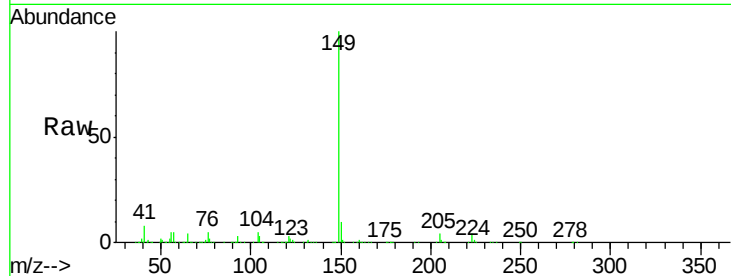
#73
Di-n-butylphthalate
Concen: 57.300 ng
RT: 18.81 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	885794		
150	10.1		9.1	13.7
104	5.5		6.7	10.1

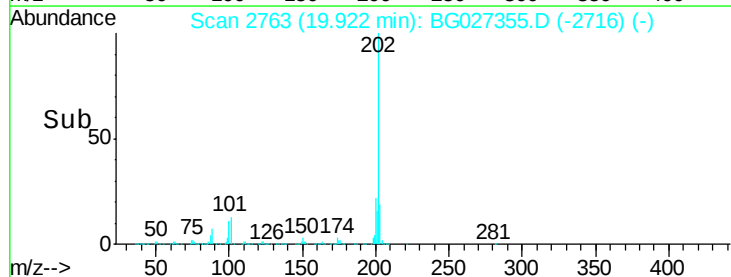
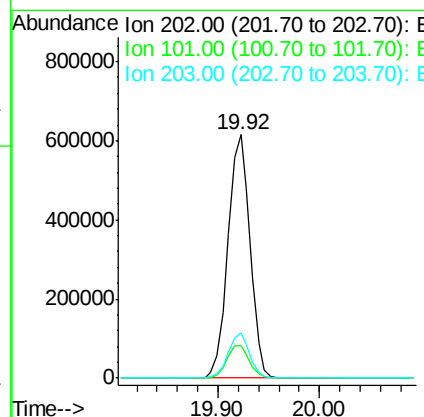
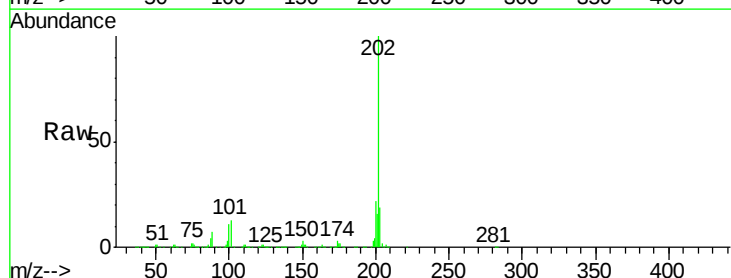
Manual Integrations
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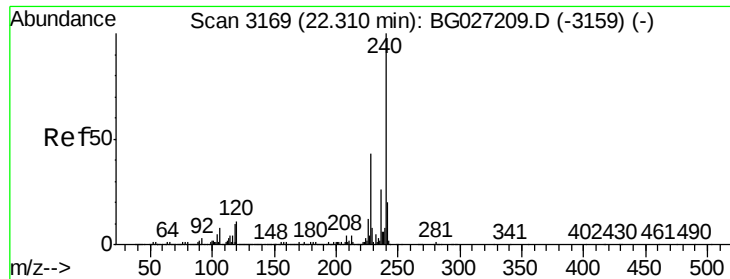
mohammad
6/12/2017 3:58:20 PM



#74
Fluoranthene
Concen: 51.271 ng
RT: 19.92 min Scan# 2763
Delta R.T. -0.03 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	924105		
101	13.3		0.0	30.1
203	18.6		1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampleId :

RT-4215MS

Tgt Ion:240 Resp: 360000

Ion Ratio Lower Upper

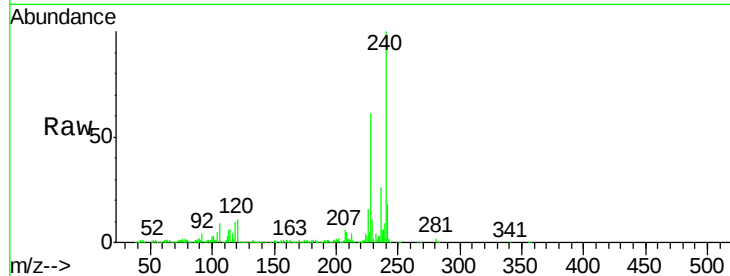
240 100

120 11.3 5.7 8.5#

236 26.0 22.2 33.4

Manual Integrations
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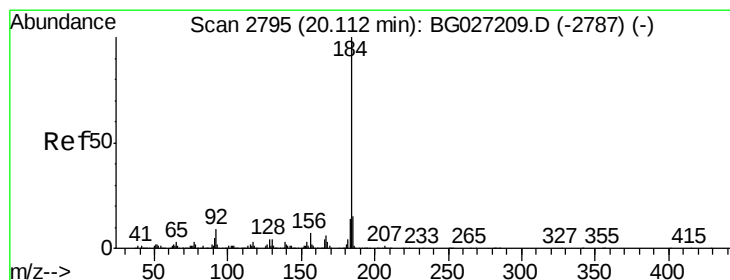
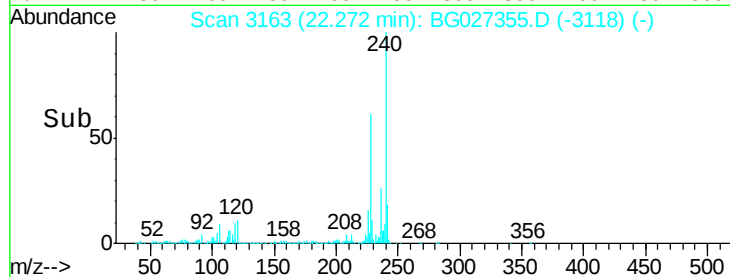
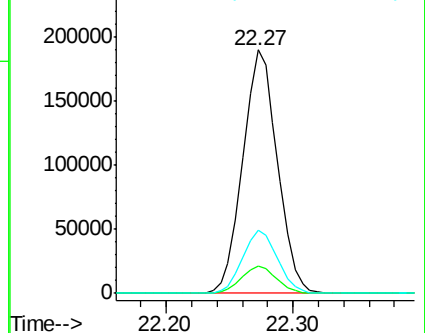
mohammad
6/12/2017 3:58:20 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.094 ng

RT: 20.09 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

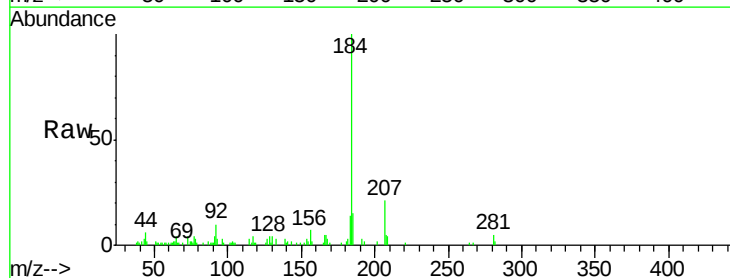
Tgt Ion:184 Resp: 98616

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

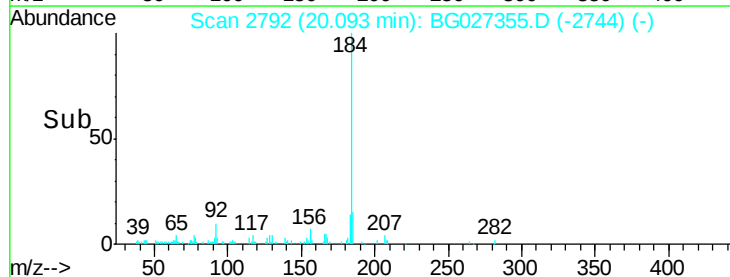
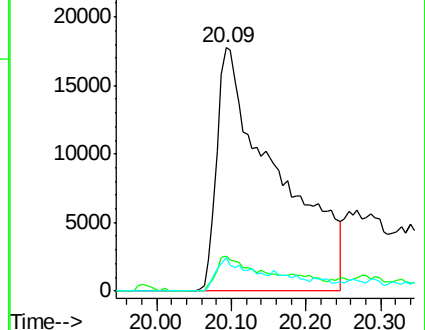
183 13.6 11.0 16.6

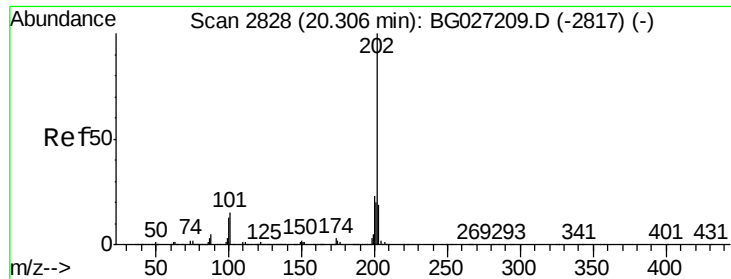


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





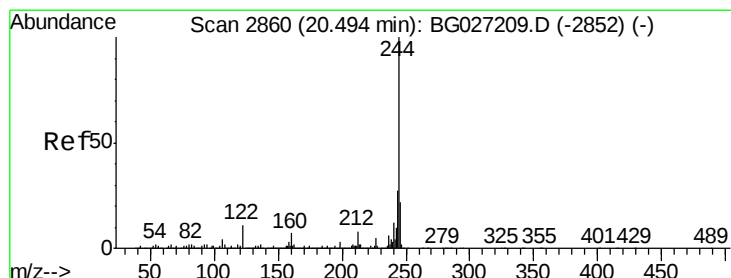
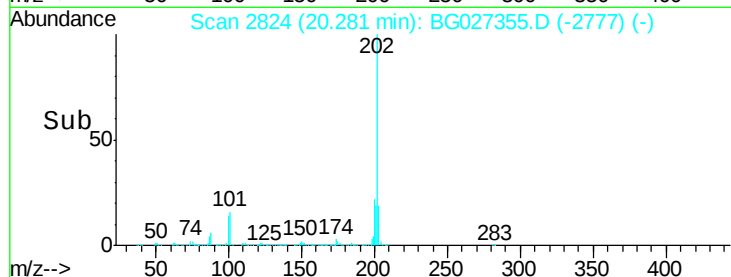
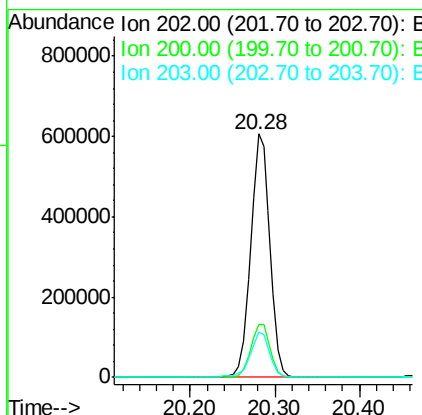
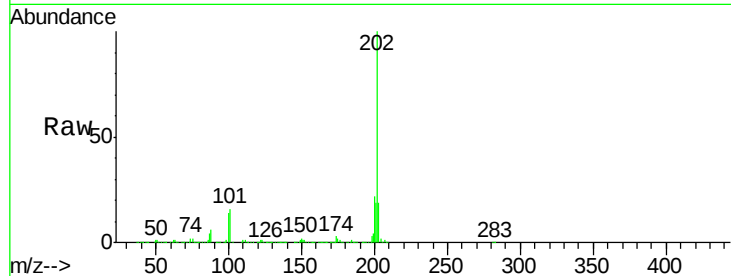
#77
 Pyrene
 Concen: 44.152 ng
 RT: 20.28 min Scan# 2824
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	19.6	29.4
203	18.7	15.8	23.8

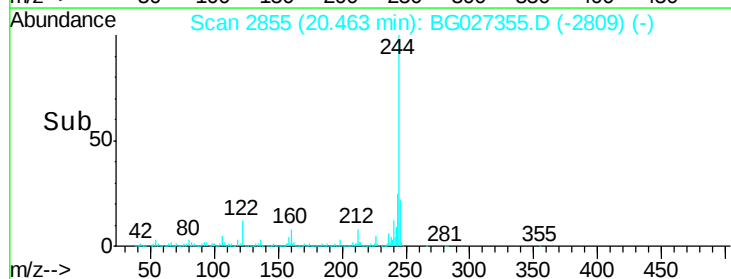
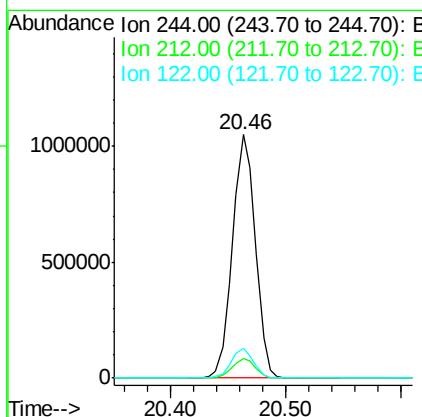
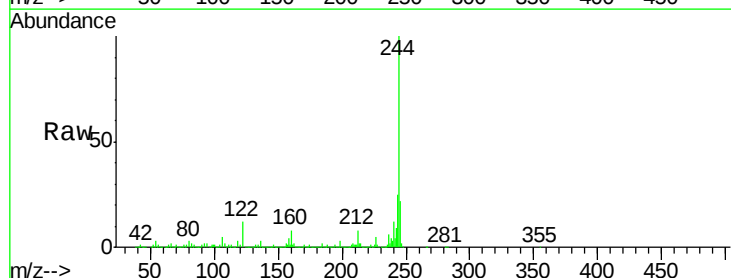
Manual Integrations
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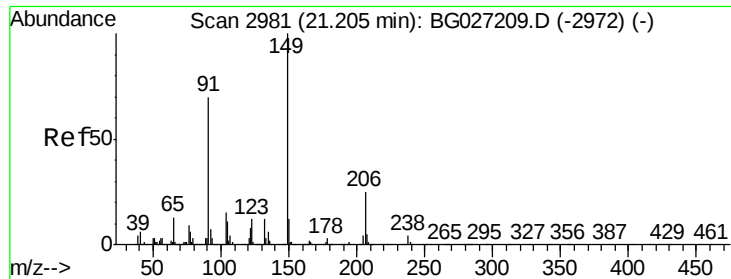
mohammad
 6/12/2017 3:58:20 PM



#78
 Terphenyl-d14
 Concen: 101.798 ng
 RT: 20.46 min Scan# 2855
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	12.2	8.6	12.8





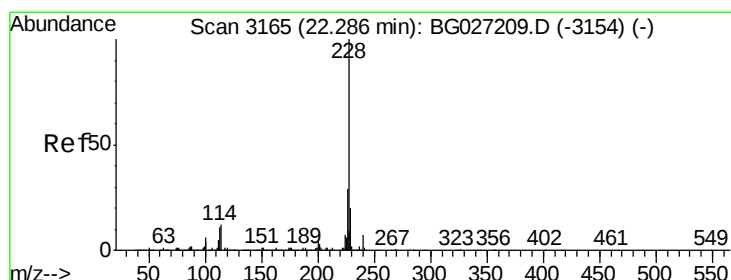
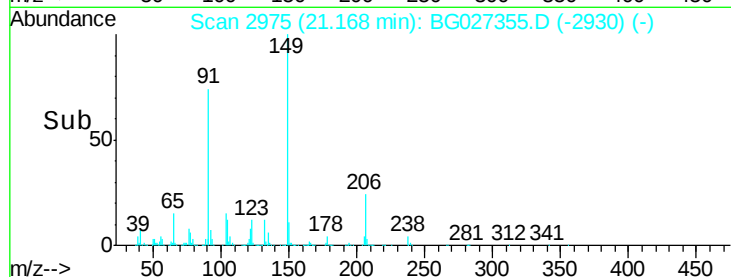
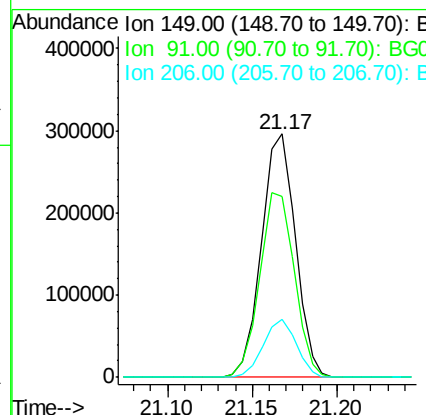
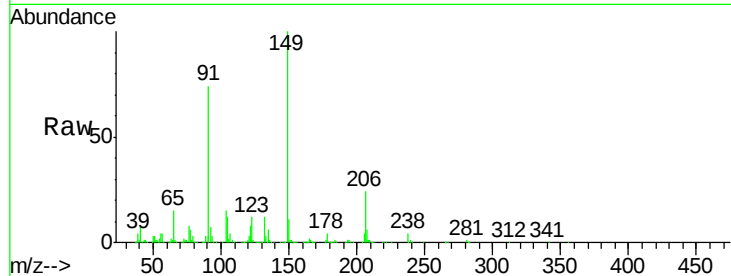
#79
Butylbenzylphthalate
Concen: 53.852 ng
RT: 21.17 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.3	63.5	95.3
206	23.6	21.0	31.6

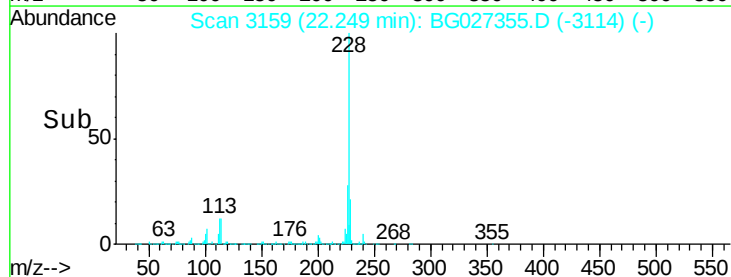
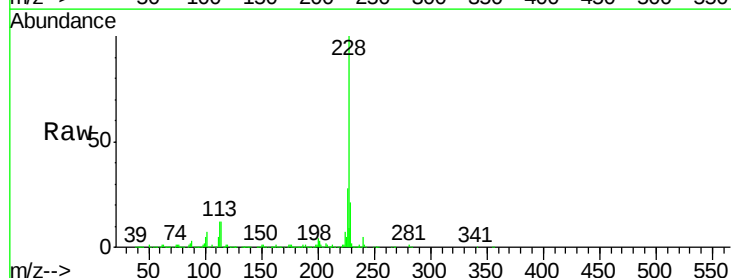
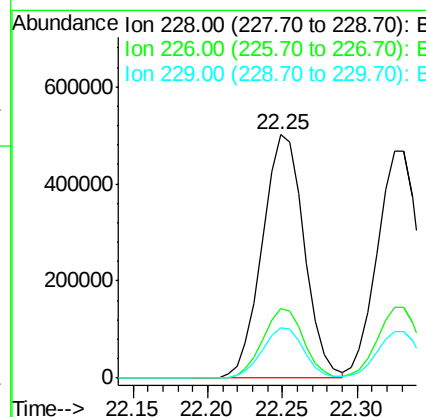
Manual Integrations
APPROVED

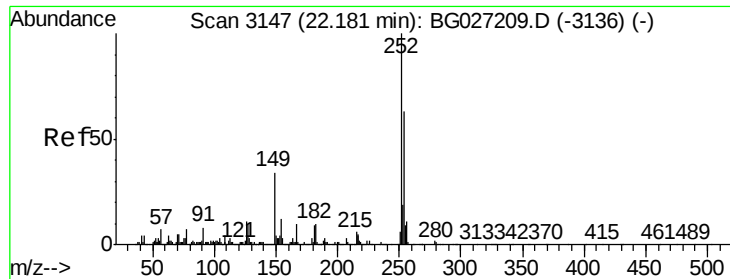
mohammad
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#80
Benzo(a)anthracene
Concen: 47.656 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.04 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	24.9	37.3
229	20.6	18.2	27.2





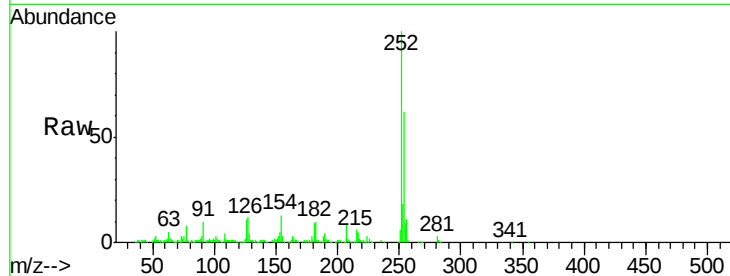
#81
 3,3'-Dichlorobenzidine
 Concen: 26.417 ng
 RT: 22.14 min Scan# 3141
 Delta R.T. -0.04 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	210992		
254	62.2	53.1	79.7	
126	10.8	7.0	10.4	

Manual Integrations
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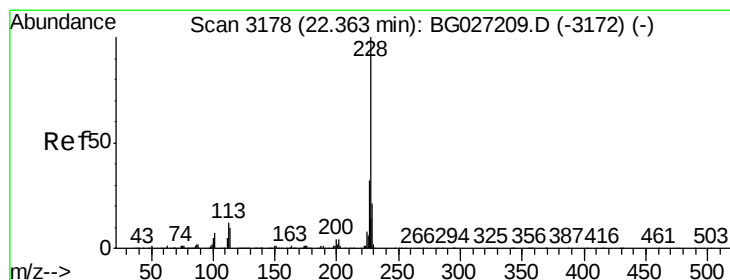
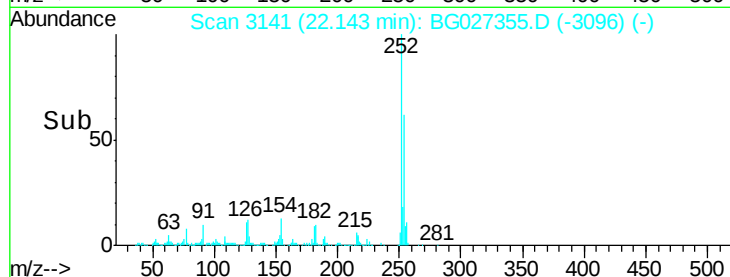
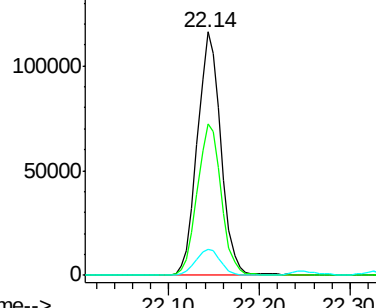


Abundance

Ion 252.00 (251.70 to 252.70): E

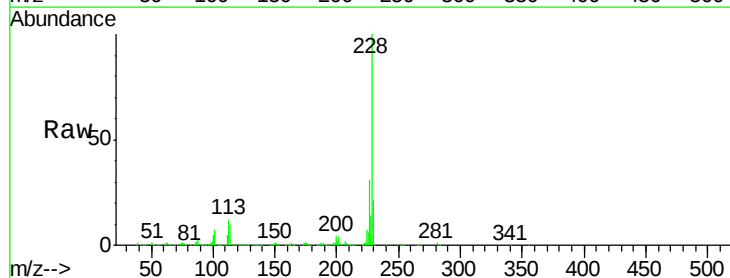
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 46.330 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	913201		
226	31.1	27.0	40.4	
229	20.6	17.8	26.6	

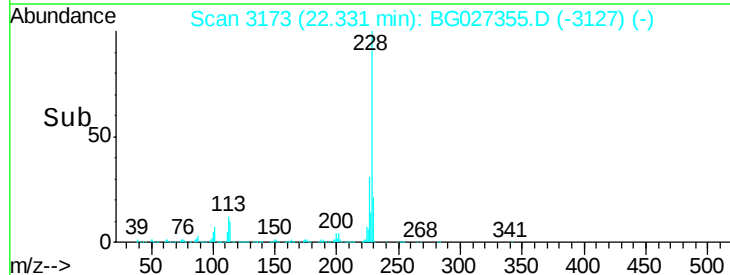
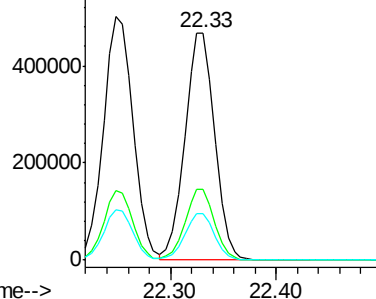


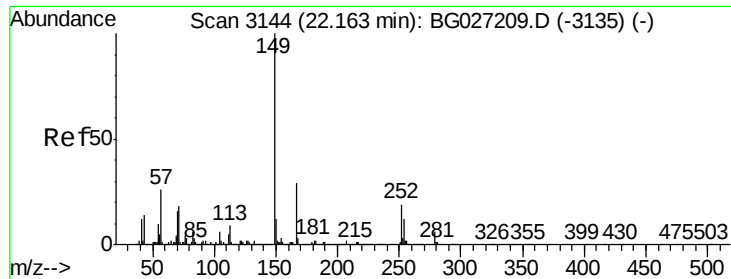
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





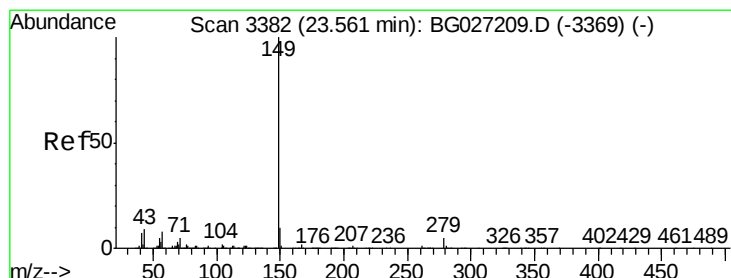
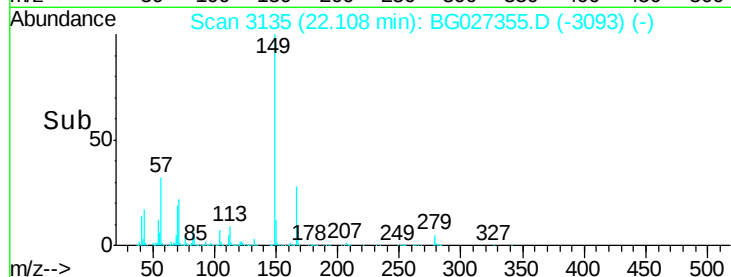
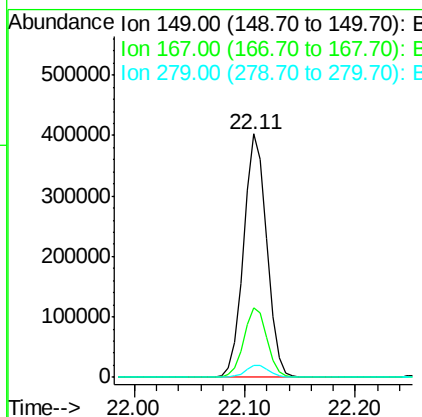
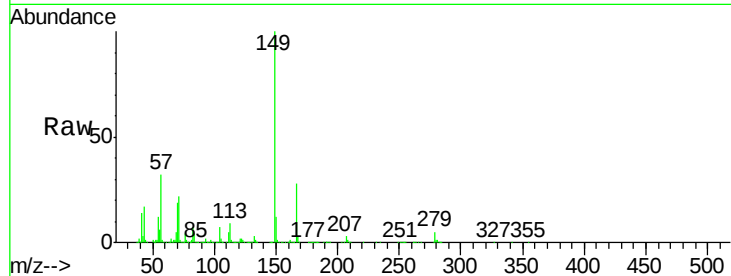
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.032 ng
 RT: 22.11 min Scan# 3135
 Delta R.T. -0.06 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT-4215MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	5.0	4.6	6.8

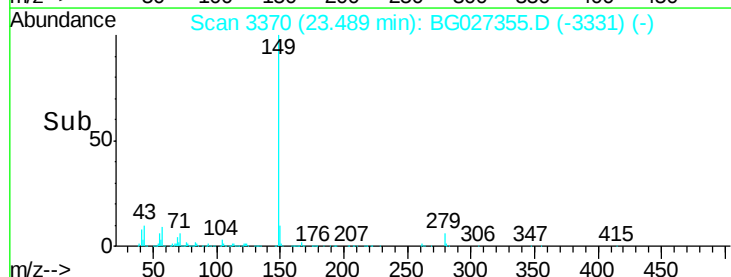
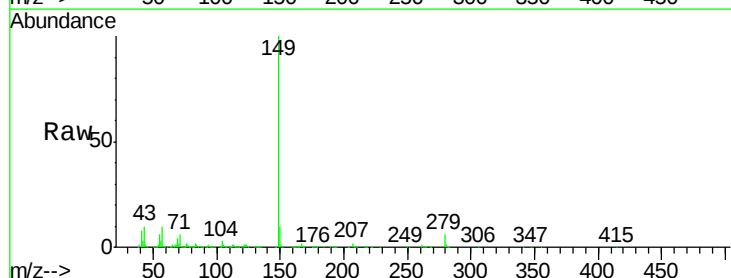
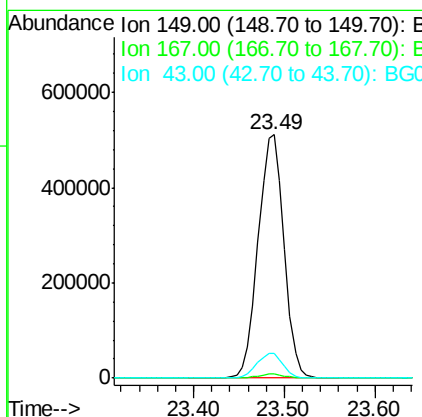
Manual Integrations
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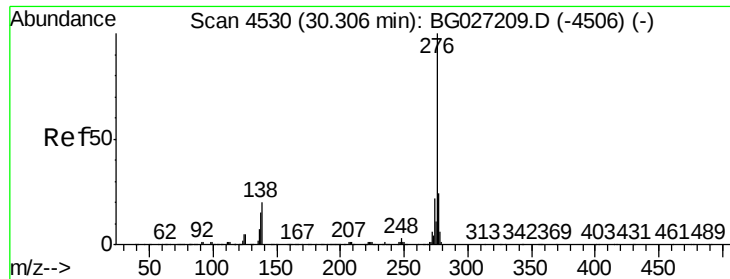
mohammad
 6/12/2017 3:58:20 PM



#84
 Di-n-octyl phthalate
 Concen: 52.430 ng
 RT: 23.49 min Scan# 3370
 Delta R.T. -0.07 min
 Lab File: BG027355.D
 Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.4	11.8	17.6#





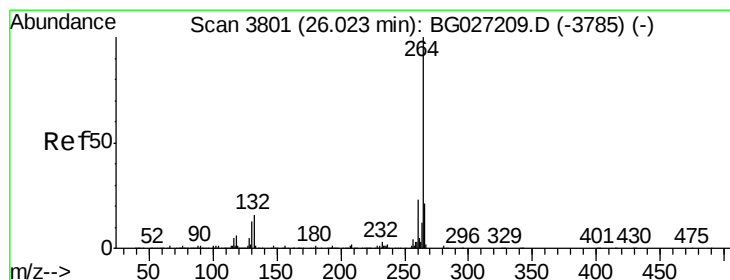
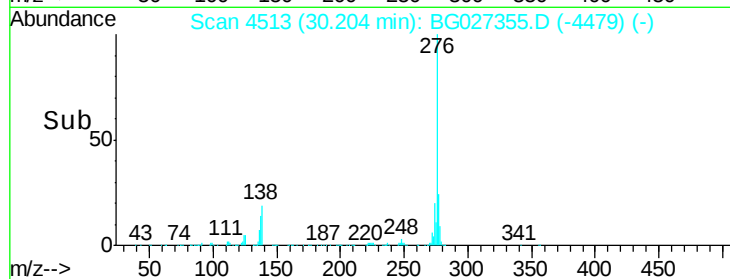
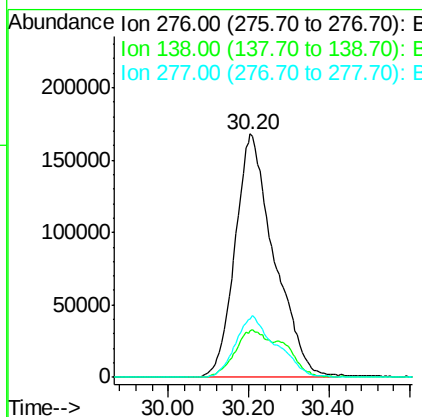
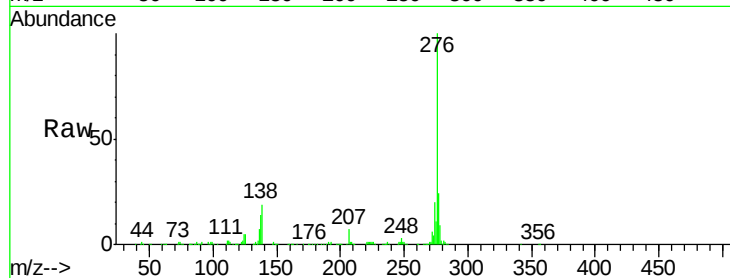
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.427 ng
RT: 30.20 min Scan# 4513
Delta R.T. -0.10 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion: 276 Resp: 1132133
Ion Ratio Lower Upper
276 100
138 17.0 4.7 7.1#
277 26.4 20.6 31.0

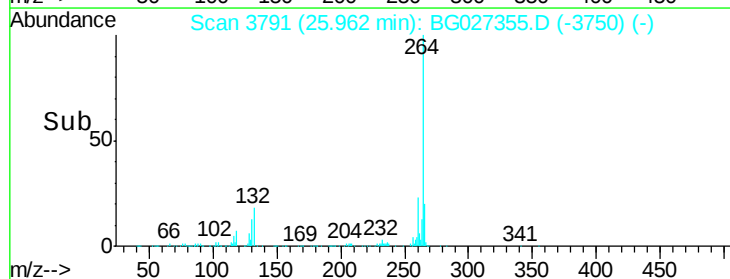
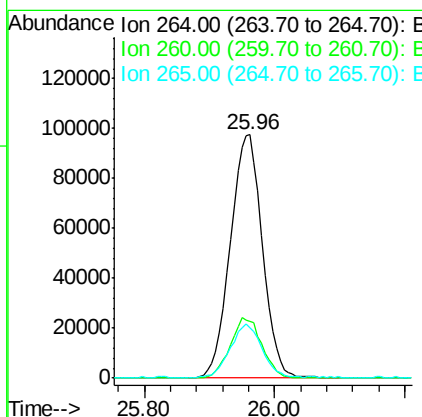
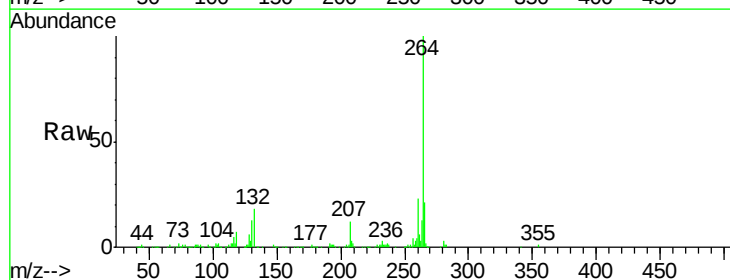
Manual Integrations
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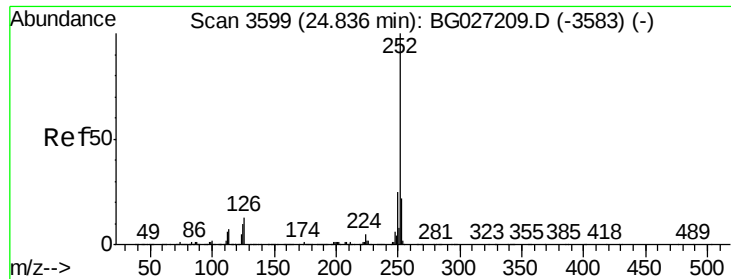
mohammad
6/12/2017 3:58:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion: 264 Resp: 332170
Ion Ratio Lower Upper
264 100
260 23.4 21.8 32.8
265 20.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 47.726 ng

RT: 24.78 min Scan# 3590

Delta R.T. -0.06 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

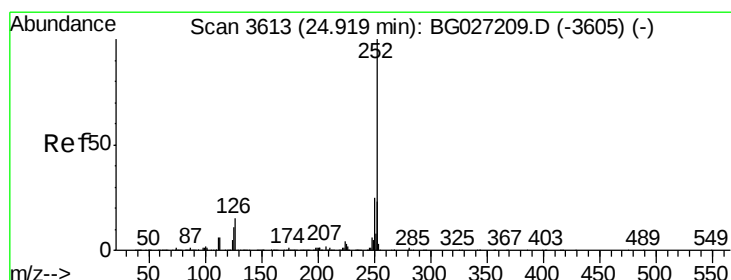
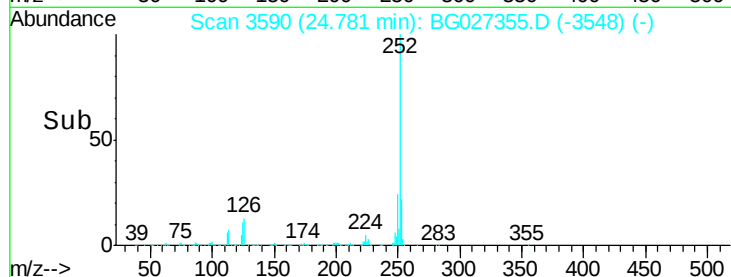
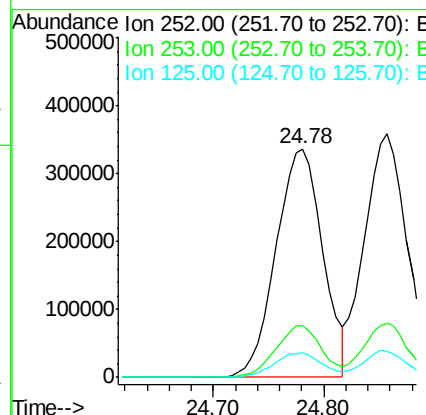
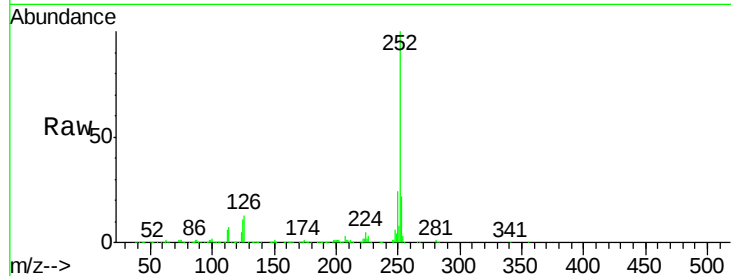
ClientSampleId :

RT-4215MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.5	5.3	7.9#

Manual Integrations
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mohammad
6/12/2017 3:58:20 PM



#88

Benzo(k)fluoranthene

Concen: 48.230 ng

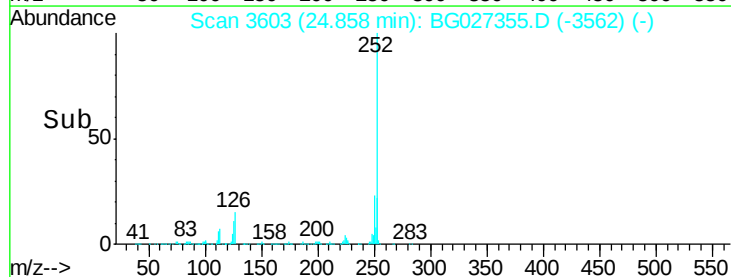
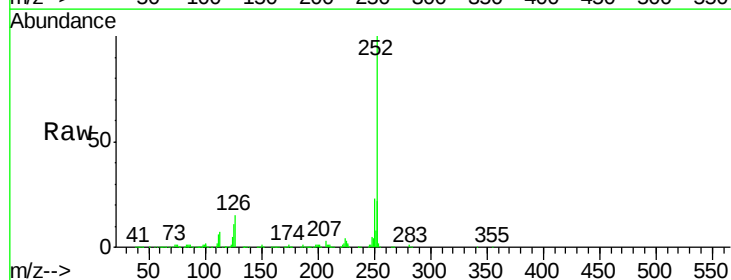
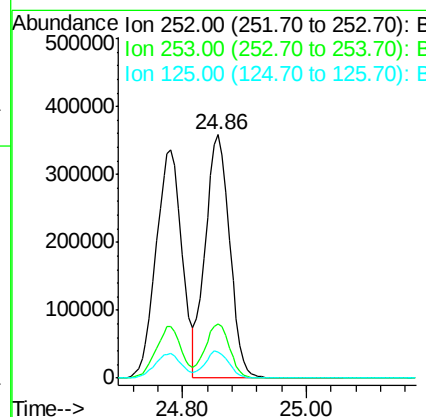
RT: 24.86 min Scan# 3603

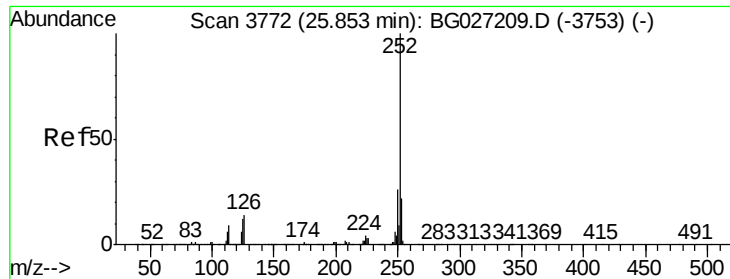
Delta R.T. -0.06 min

Lab File: BG027355.D

Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.2
125	10.8	5.1	7.7#





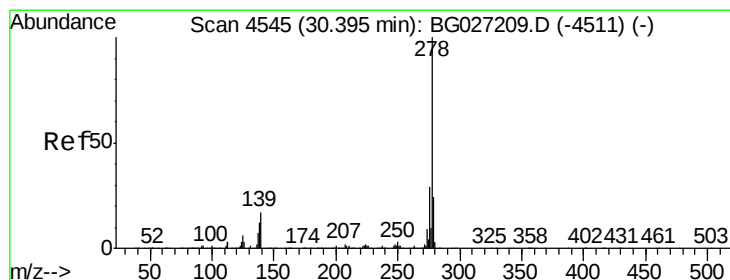
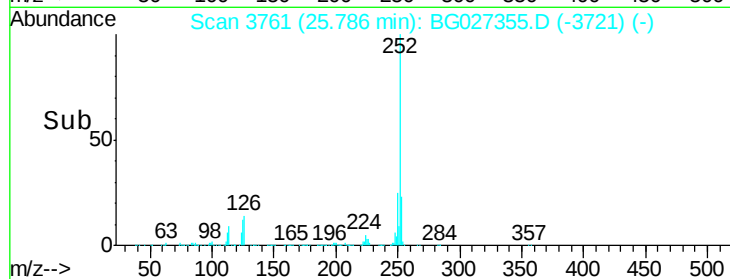
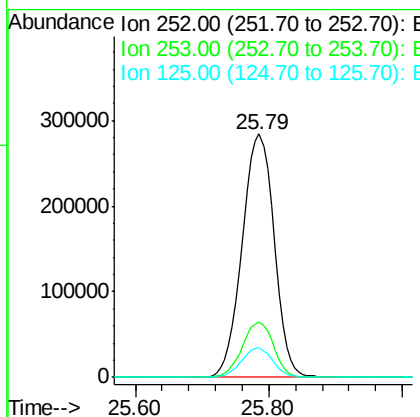
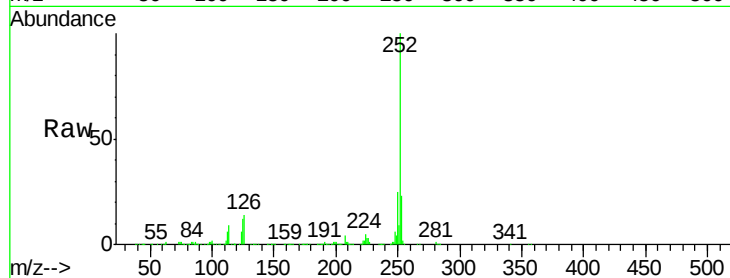
#89
Benzo(a)pyrene
Concen: 48.374 ng
RT: 25.79 min Scan# 3761
Delta R.T. -0.07 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Instrument :
BNA_G
ClientSampleId :
RT-4215MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	12.0	5.4	8.0

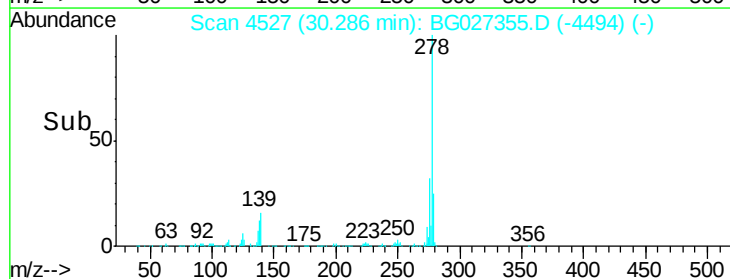
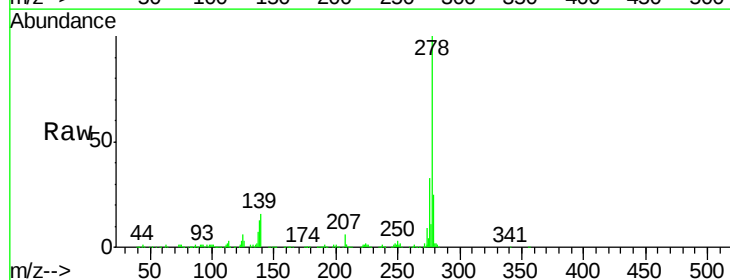
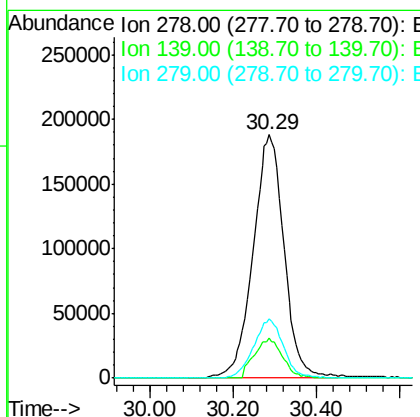
Manual Integrations
APPROVED

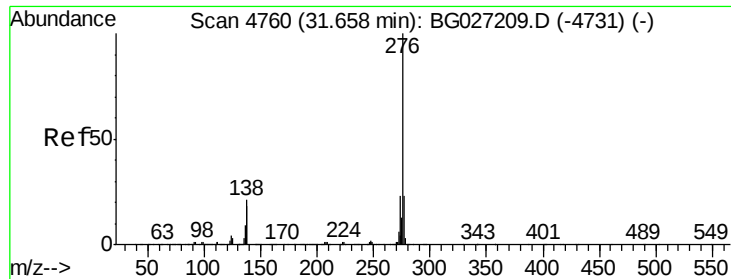
mohammad
6/12/2017 3:58:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.785 ng
RT: 30.29 min Scan# 4527
Delta R.T. -0.11 min
Lab File: BG027355.D
Acq: 9 Jun 2017 20:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	7.7	11.5
279	24.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 47.073 ng

RT: 31.55 min Scan# 4742

Delta R.T. -0.11 min

Lab File: BG027355.D

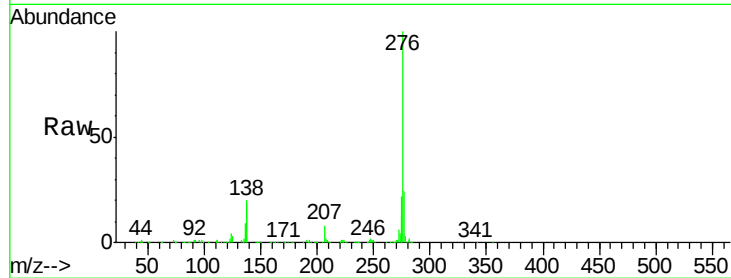
Acq: 9 Jun 2017 20:07

Instrument :

BNA_G

ClientSampleId :

RT-4215MS



Tgt	Ion:276	Resp:	925489
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	20.3	8.1	12.1#

Manual Integrations
APPROVED

mohammad
6/12/2017 3:58:20 PM

