

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041007.D
 Acq On : 1 Jun 2019 11:43
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:50:50 AM

Quant Time: Jun 03 02:26:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21686	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	81774	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	58210	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	152604	20.00	ng	0.00
76) Chrysene-d12	21.78	240	153101	20.00	ng	0.00
87) Perylene-d12	25.11	264	160088	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	208361	173.25	ng	0.00
7) Phenol-d6	7.27	99	298486	160.71	ng	0.00
23) Nitrobenzene-d5	9.30	82	178736	97.03	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	146416	169.43	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	403836	99.91	ng	-0.01
79) Terphenyl-d14	20.09	244	773463	107.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48292	88.491	ng	95
3) Pyridine	3.92	79	126529	78.356	ng	98
4) n-Nitrosodimethylamine	3.85	42	67324	89.832	ng	# 92
6) Aniline	7.44	93	136304	54.980	ng	99
8) 2-Chlorophenol	7.68	128	135164	94.272	ng	96
9) Benzaldehyde	7.25	77	60411	54.525	ng	91
10) Phenol	7.29	94	181949	91.365	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	125784	87.066	ng	96
12) 1,3-Dichlorobenzene	8.01	146	148119	86.496	ng	97
13) 1,4-Dichlorobenzene	8.16	146	149756	86.396	ng	96
14) 1,2-Dichlorobenzene	8.48	146	143530	85.282	ng	97
15) Benzyl Alcohol	8.36	79	150696	87.710	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	197683	83.739	ng	100
17) 2-Methylphenol	8.55	107	126795	87.936	ng	99
18) Hexachloroethane	9.20	117	58100	86.967	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	117985	82.546	ng	95
20) 3+4-Methylphenols	8.88	107	170148	85.189	ng	95
22) Acetophenone	8.95	105	219736	95.791	ng	# 99
24) Nitrobenzene	9.34	77	184742	98.415	ng	98
25) Isophorone	9.86	82	337571	96.297	ng	99
26) 2-Nitrophenol	10.05	139	79825	103.151	ng	90
27) 2,4-Dimethylphenol	10.09	122	137939	107.926	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	173955	91.942	ng	97
29) 2,4-Dichlorophenol	10.58	162	156764	96.588	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	170746	92.479	ng	97
31) Naphthalene	11.00	128	424899	96.776	ng	99
32) Benzoic acid	10.22	122	83152	77.629	ng	96
33) 4-Chloroaniline	11.10	127	99480	48.833	ng	98
34) Hexachlorobutadiene	11.25	225	129533	91.690	ng	100
35) Caprolactam	11.88	113	49456	92.275	ng	# 88
36) 4-Chloro-3-methylphenol	12.20	107	173836	93.783	ng	92
37) 2-Methylnaphthalene	12.59	142	317061	93.763	ng	99
38) 1-Methylnaphthalene	12.81	142	301379m	94.580	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	232973	99.299	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	279096	206.752	nq	94
43) 2,4,6-Trichlorophenol	13.19	196	147810	97.386	nq	99
44) 2,4,5-Trichlorophenol	13.26	196	161622	100.970	nq	97
46) 1,1'-Biphenyl	13.59	154	429989	99.793	nq	100
47) 2-Chloronaphthalene	13.63	162	353410	95.541	nq	97
48) 2-Nitroaniline	13.84	65	129833	97.837	nq	99
49) Acenaphthylene	14.48	152	551050	98.980	nq	99
50) Dimethylphthalate	14.20	163	463859	94.137	nq	99
51) 2,6-Dinitrotoluene	14.33	165	101783	95.804	nq	91
52) Acenaphthene	14.82	154	327381	97.070	nq	96
53) 3-Nitroaniline	14.66	138	72318	68.072	nq	99
54) 2,4-Dinitrophenol	14.86	184	111628	149.164	nq	93
55) Dibenzofuran	15.15	168	558579	98.429	nq	96
56) 4-Nitrophenol	14.96	139	163825	224.820	nq	96
57) 2,4-Dinitrotoluene	15.11	165	151123	100.699	nq	# 97
58) Fluorene	15.80	166	442117	97.825	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	165314	105.089	nq	99
60) Diethylphthalate	15.55	149	477427	94.941	nq	100
61) 4-Chlorophenyl-phenylether	15.78	204	276987	94.291	nq	99
62) 4-Nitroaniline	15.83	138	104346	92.776	nq	96
63) Azobenzene	16.07	77	452356	98.973	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	82006	90.927	nq	95
66) n-Nitrosodiphenylamine	16.00	169	404259	94.236	nq	97
67) 4-Bromophenyl-phenylether	16.68	248	182271	88.505	nq	98
68) Hexachlorobenzene	16.79	284	192230	87.657	nq	100
69) Atrazine	16.94	200	176553	106.661	nq	98
70) Pentachlorophenol	17.14	266	229180	188.960	nq	98
71) Phenanthrene	17.54	178	764489	96.175	nq	99
72) Anthracene	17.63	178	790965	100.891	nq	99
73) Carbazole	17.90	167	679316	100.986	nq	99
74) Di-n-butylphthalate	18.43	149	797460	95.383	nq	99
75) Fluoranthene	19.54	202	1004733	102.333	nq	99
77) Benzidine	19.72	184	356302	97.556	nq	98
78) Pyrene	19.90	202	1001098	100.587	nq	99
80) Butylbenzylphthalate	20.77	149	379878	98.081	nq	99
81) Benzo(a)anthracene	21.75	228	967928	94.975	nq	100
82) 3,3'-Dichlorobenzidine	21.67	252	241869	67.476	nq	100
83) Chrysene	21.82	228	955195	97.941	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	514718	94.405	nq	98
85) Di-n-octyl phthalate	22.87	149	877607	96.648	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1138358	95.285	nq	# 99
88) Benzo(b)fluoranthene	24.05	252	989367	101.893	nq	100
89) Benzo(k)fluoranthene	24.12	252	950551	98.927	nq	99
90) Benzo(a)pyrene	24.96	252	956176	103.215	nq	97
91) Dibenzo(a,h)anthracene	29.02	278	933644	100.862	nq	99
92) Benzo(g,h,i)perylene	30.17	276	950613	105.705	nq	97

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

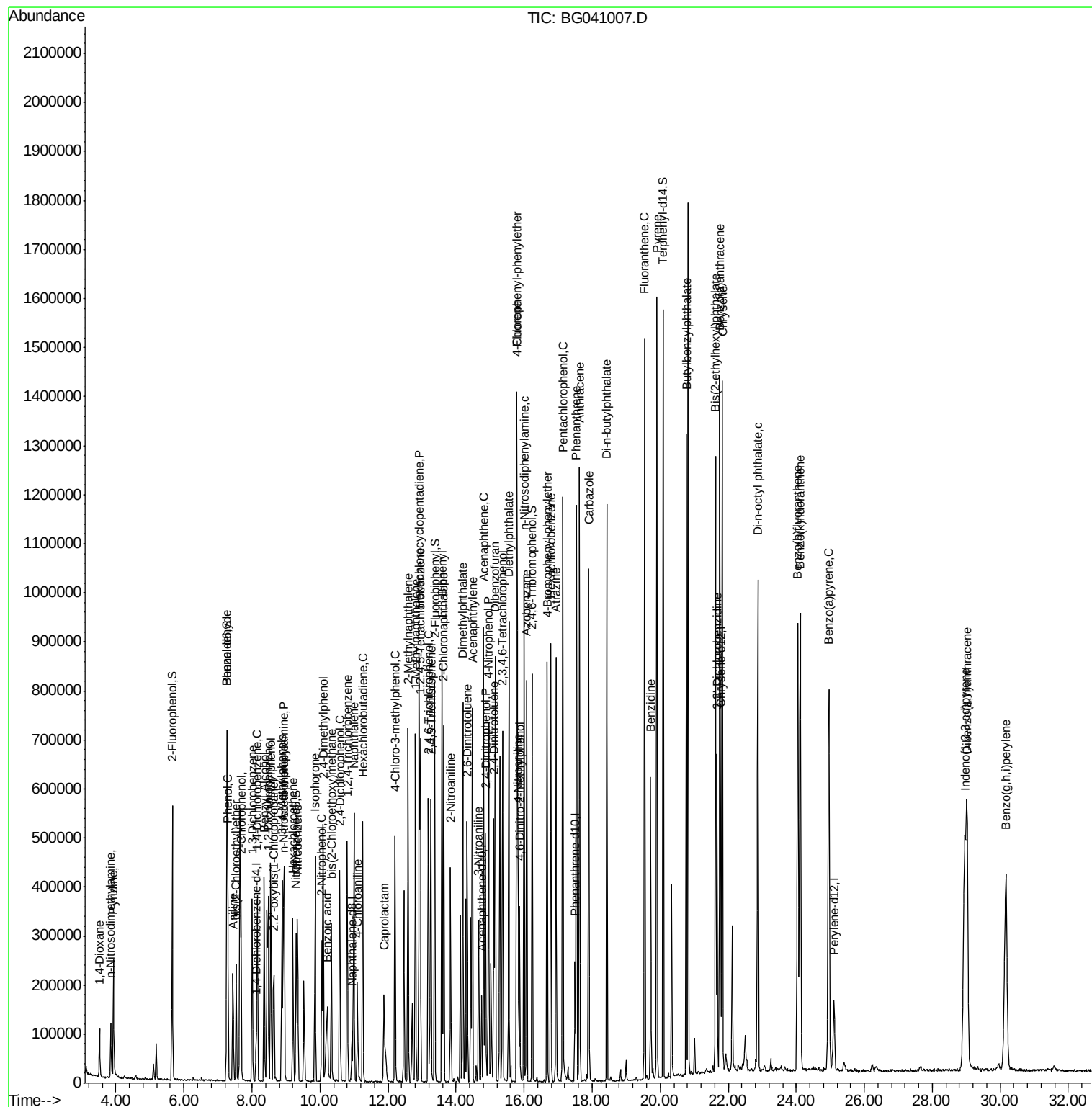
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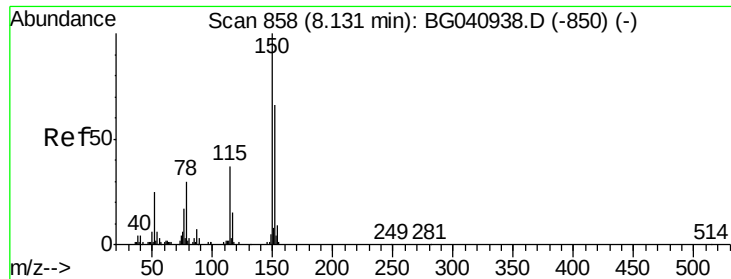
Instrument :
BNA_G
Client Sampled :
PB120101BS

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#1

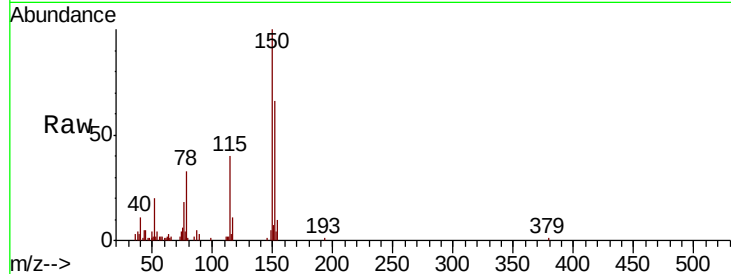
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.6	180.8
115	60.7	45.1	67.7

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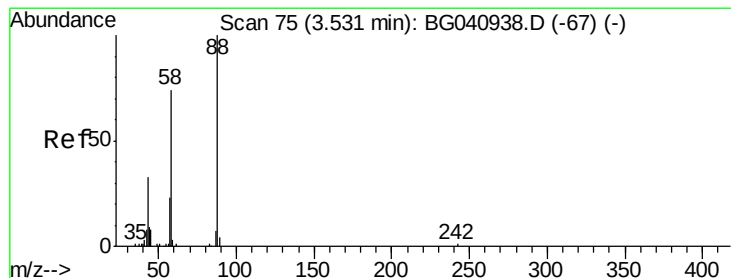
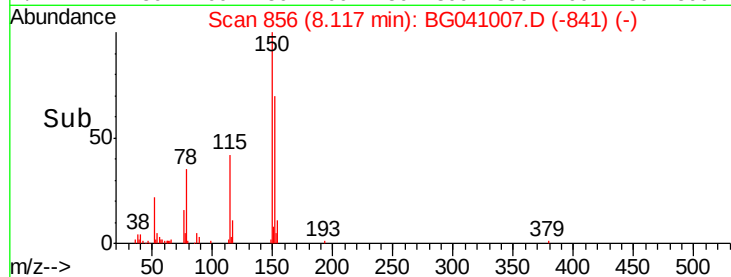
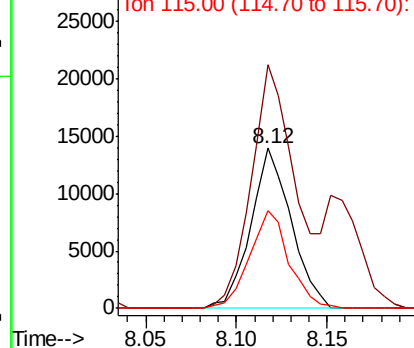


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

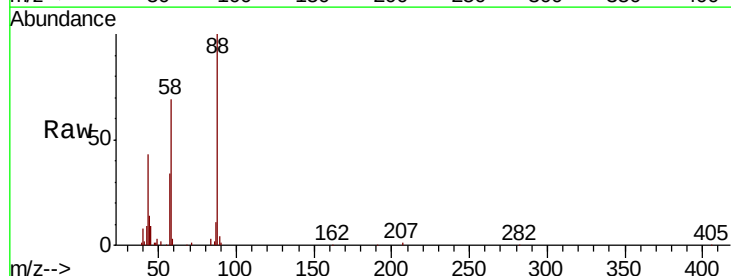
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 88.491 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	59.0	88.6
43	34.9	27.2	40.8

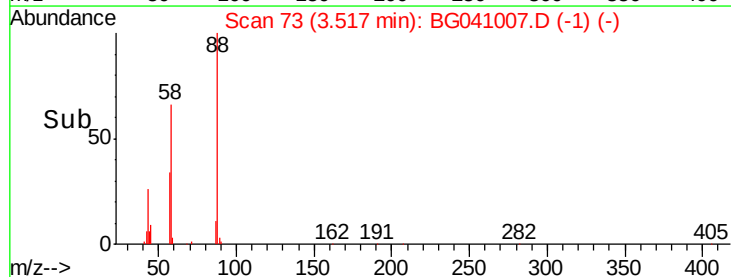
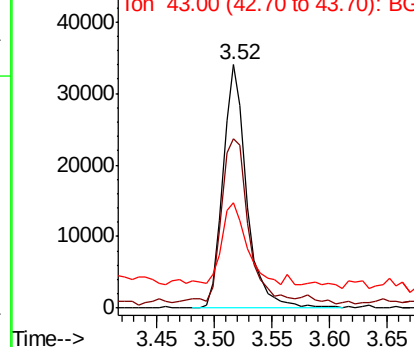


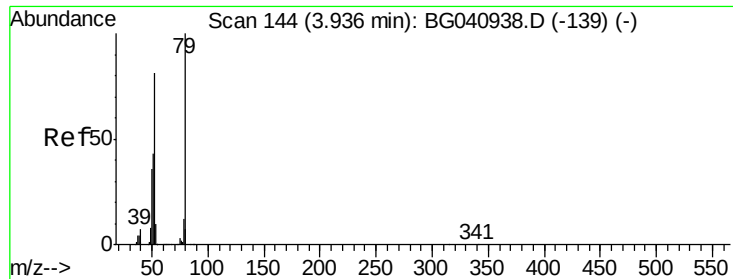
Abundance

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

Pvridine

Concen: 78.356 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

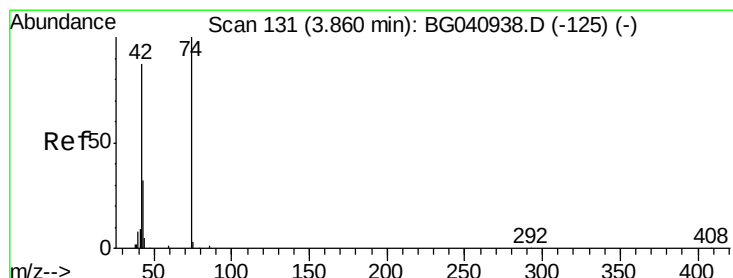
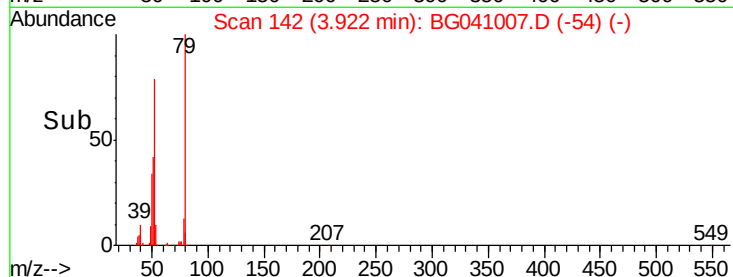
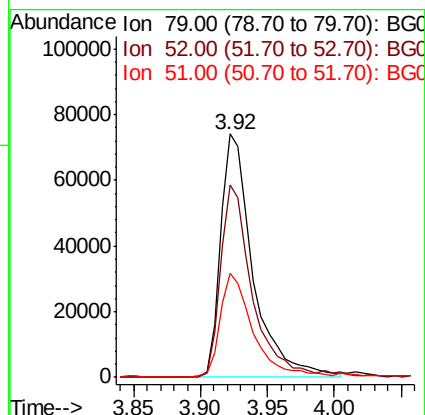
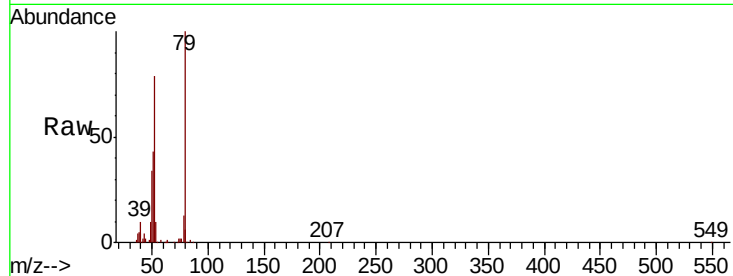
ClientSampleId :

PB120101BS

Tot Ion:	79	Resp:	126529
Ion Ratio	Lower	Upper	
79	100		
52	79.1	64.8	97.2
51	42.9	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 89.832 ng

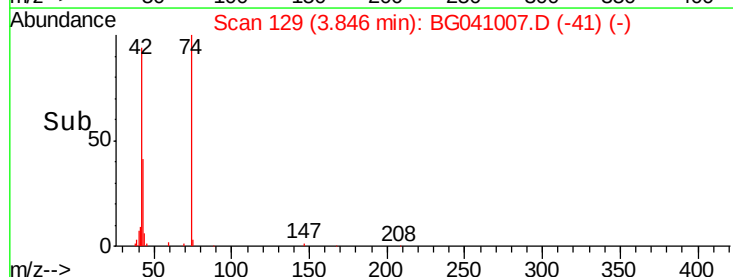
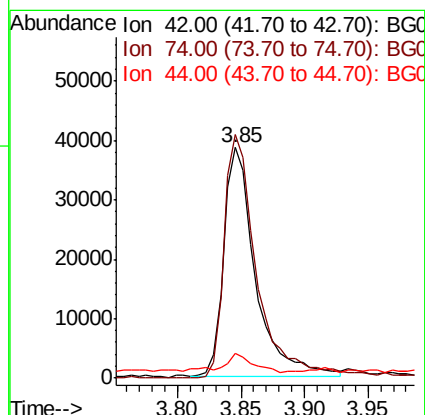
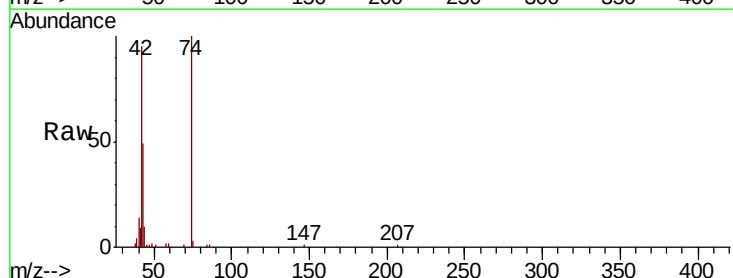
RT: 3.85 min Scan# 129

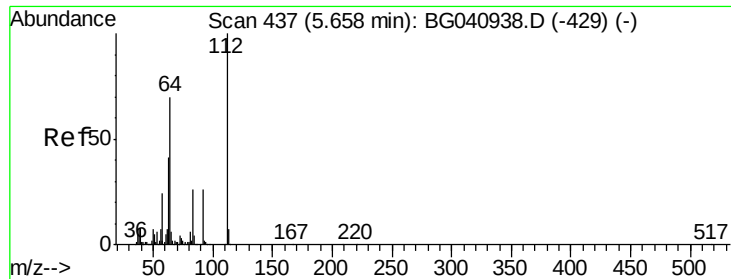
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	42	Resp:	67324
Ion Ratio	Lower	Upper	
42	100		
74	105.6	91.8	137.6
44	10.7	6.0	9.0#





#5

2-Fluorophenol

Concen: 173.254 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

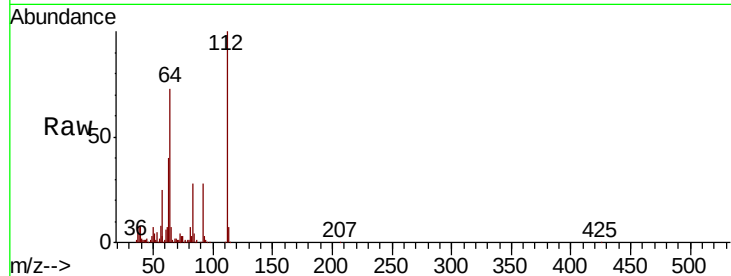
ClientSampleId :

PB120101BS

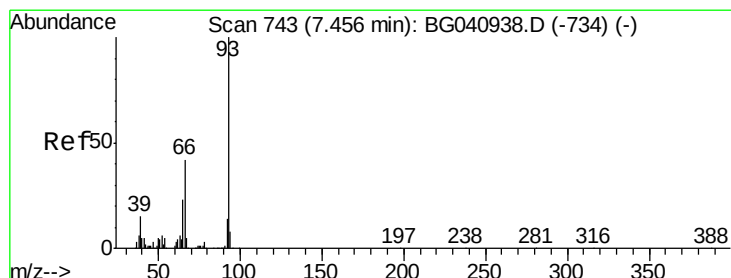
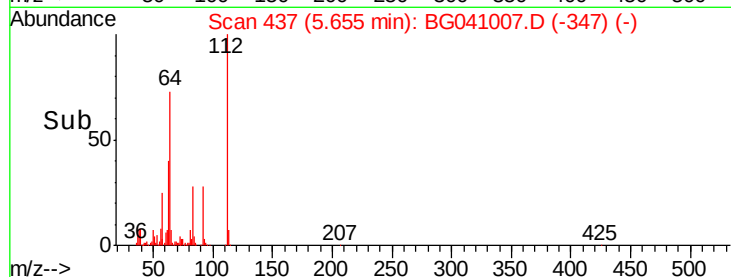
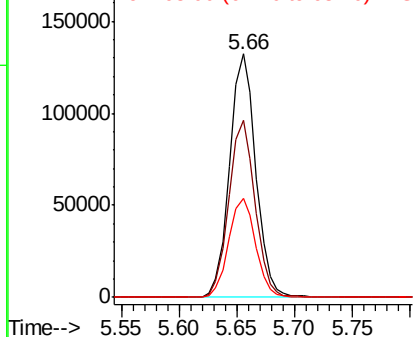
Tot Ion:	112	Resp:	208361
Ion Ratio	Lower	Upper	
112	100		
64	72.8	56.2	84.2
63	40.4	32.8	49.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 54.980 ng

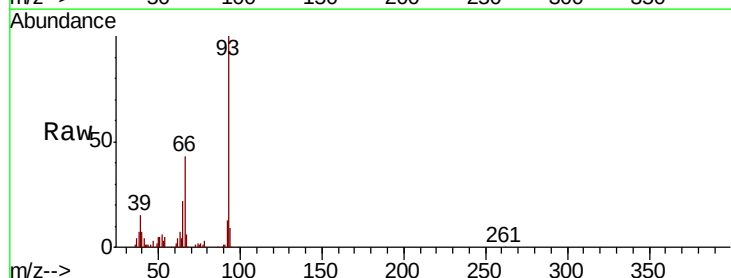
RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

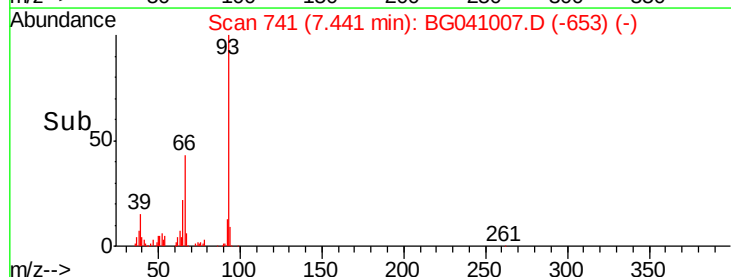
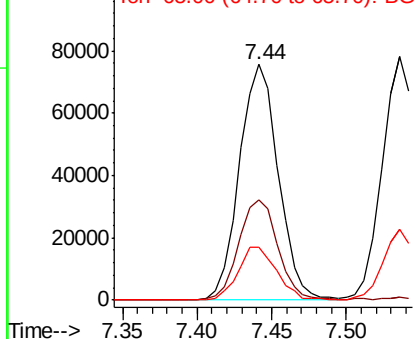
Lab File: BG041007.D

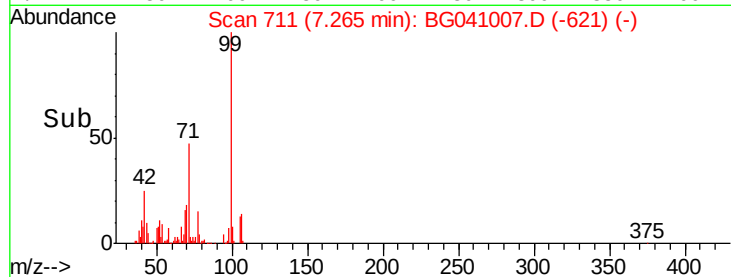
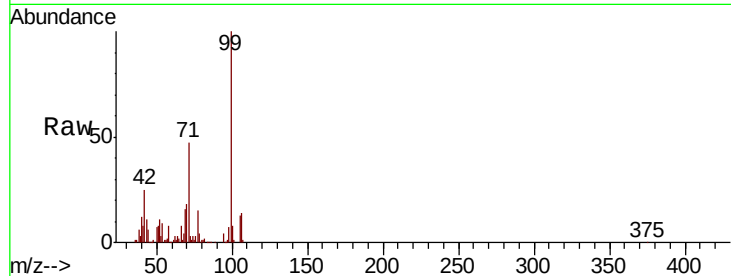
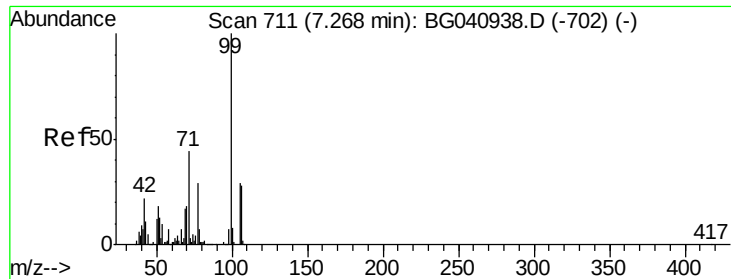
Acq: 1 Jun 2019 11:43

Tgt Ion:	93	Resp:	136304
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.8	50.8
65	22.4	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.706 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tot Ion:	99	Resp:	298486
Ion Ratio	Lower	Upper	
99	100		
42	24.8	17.9	26.9
71	46.7	35.4	53.0

Instrument :

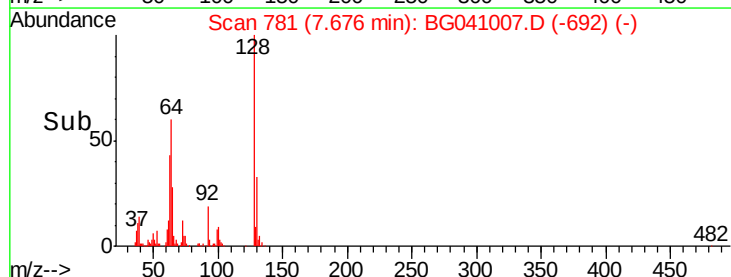
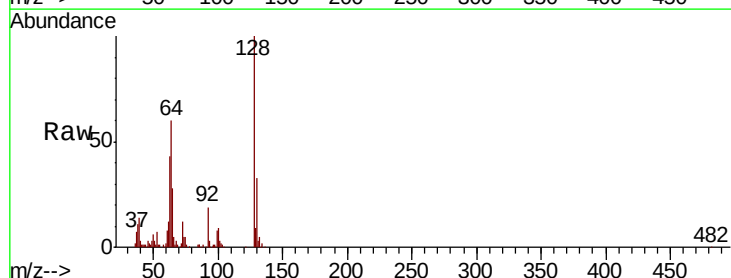
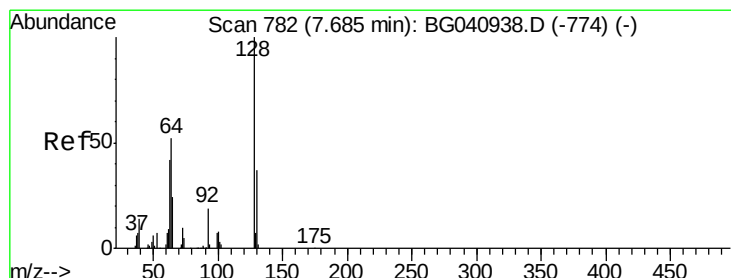
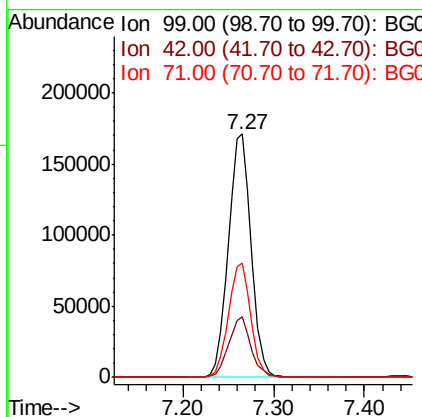
BNA_G

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#8

2-Chlorophenol

Concen: 94.272 ng

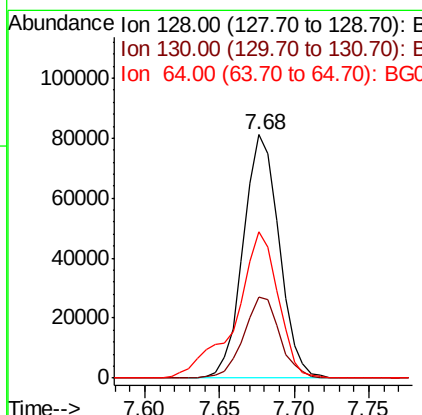
RT: 7.68 min Scan# 781

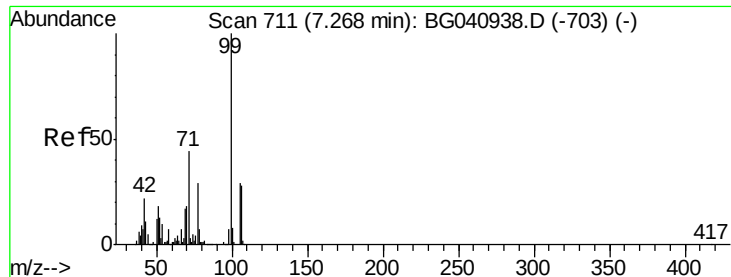
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	128	Resp:	135164
Ion Ratio	Lower	Upper	
128	100		
130	33.1	16.6	56.6
64	60.3	37.8	77.8





#9

Benzaldehyde

Concen: 54.525 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

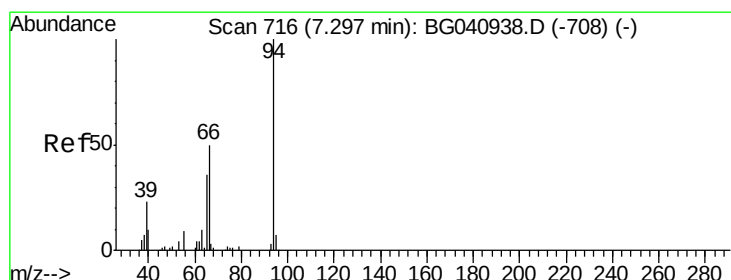
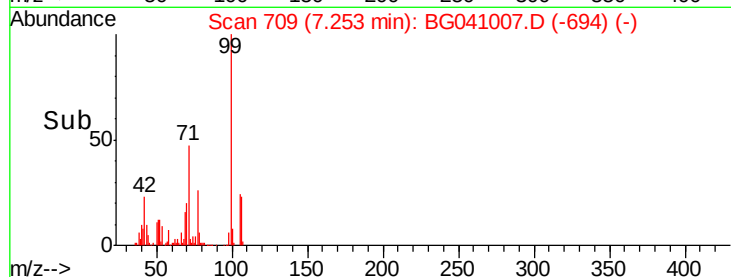
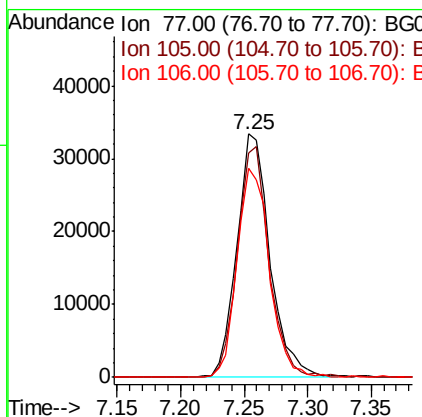
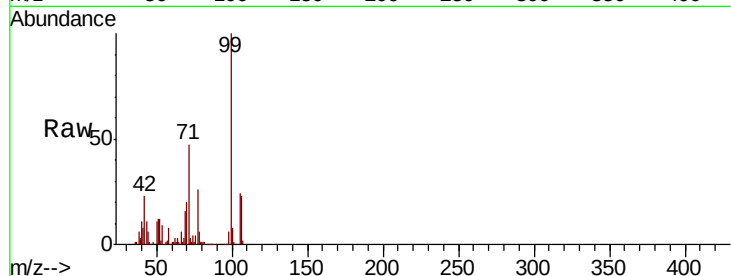
ClientSampleId :

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Tot Ion:	77	Resp:	60411
Ion	Ratio	Lower	Upper
77	100		
105	91.9	78.9	118.9
106	86.0	76.7	116.7

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#10

Phenol

Concen: 91.365 ng

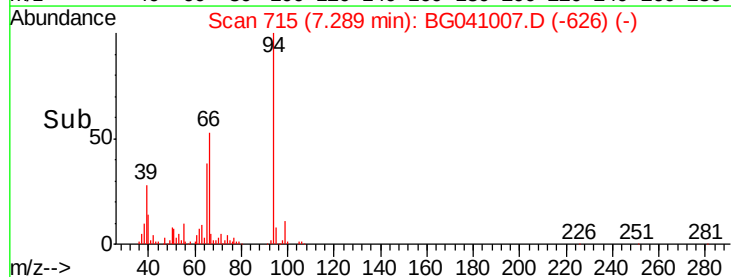
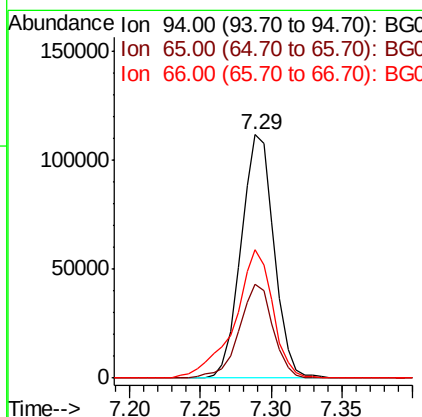
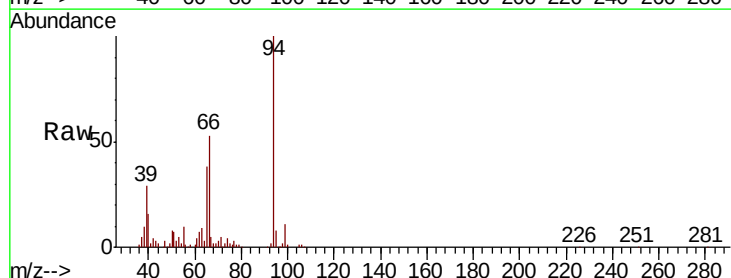
RT: 7.29 min Scan# 715

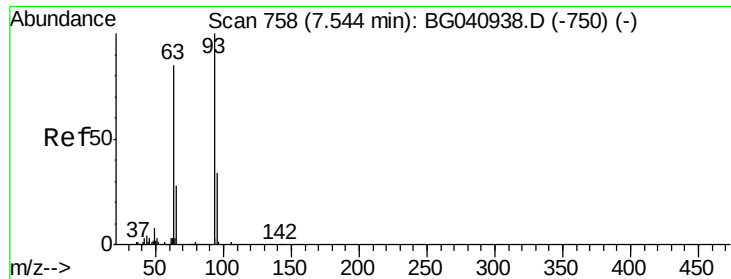
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	94	Resp:	181949
Ion	Ratio	Lower	Upper
94	100		
65	38.4	17.0	57.0
66	52.7	32.4	72.4





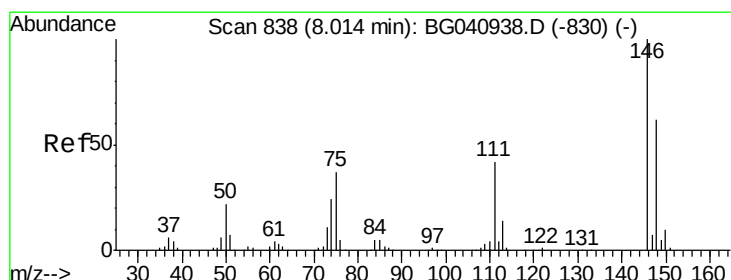
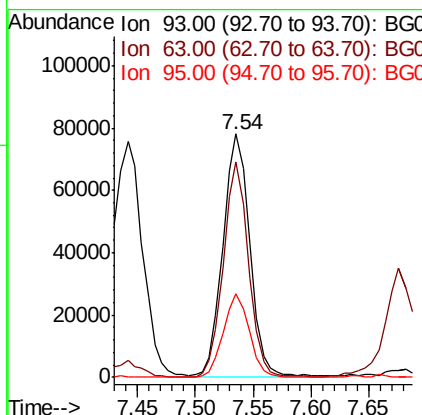
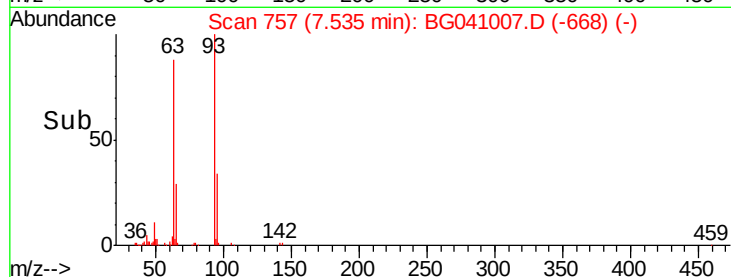
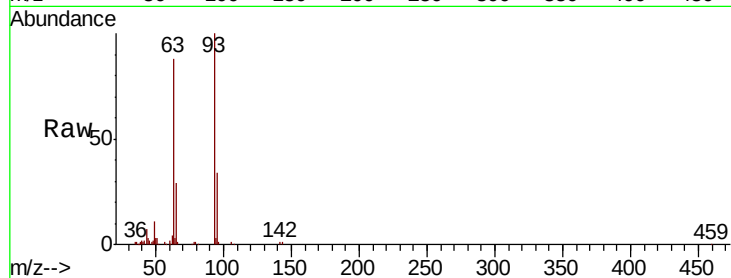
#11
bis(2-Chloroethyl)ether
Concen: 87.066 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	64.5	104.5
95	34.4	13.3	53.3

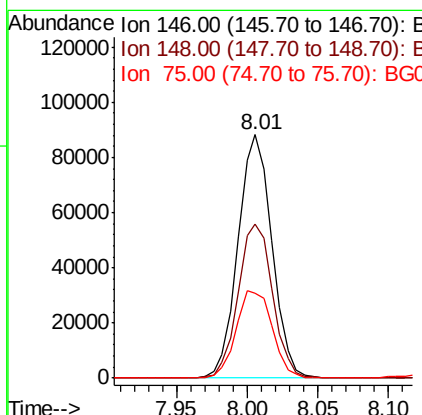
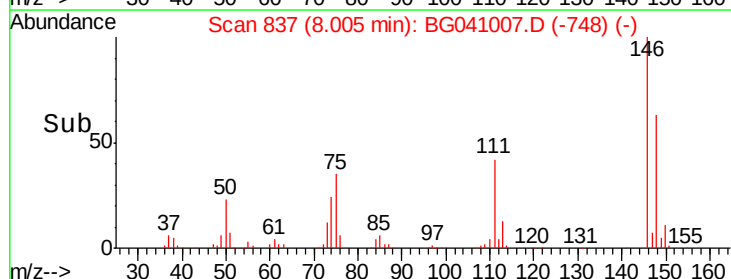
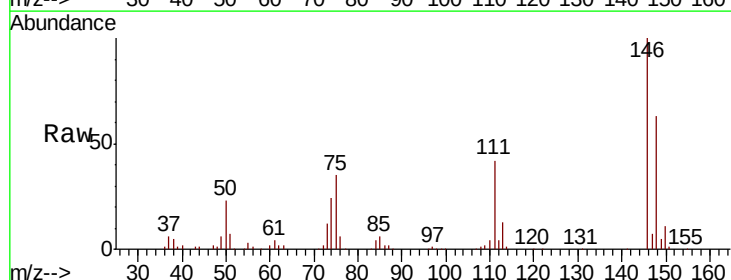
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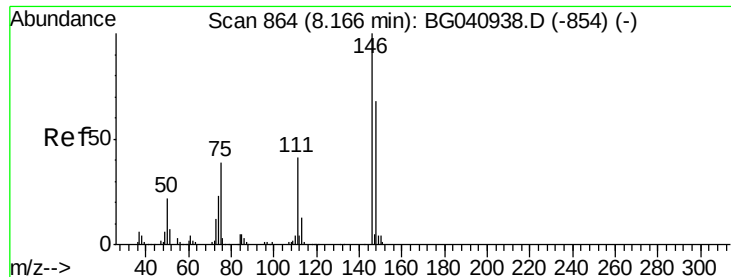
mohammad
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#12
1,3-Dichlorobenzene
Concen: 86.496 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.2	73.8
75	34.7	29.4	44.0





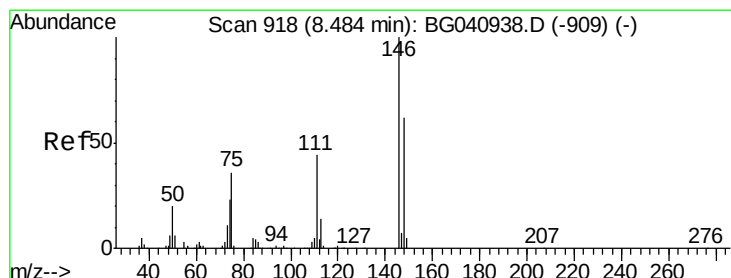
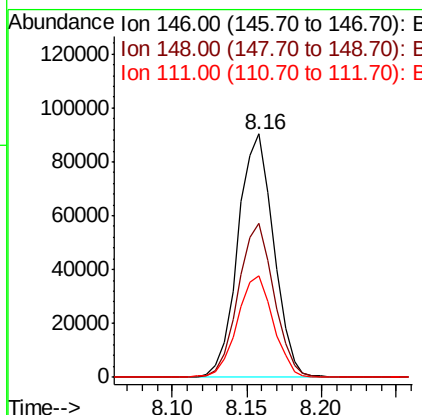
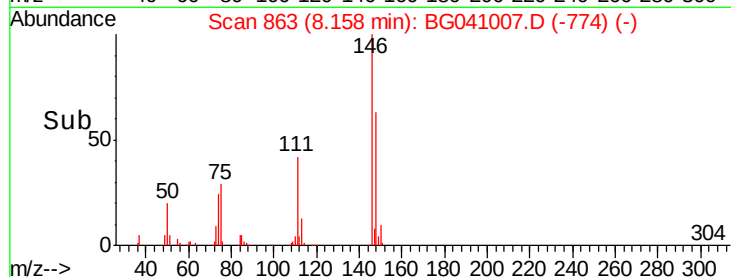
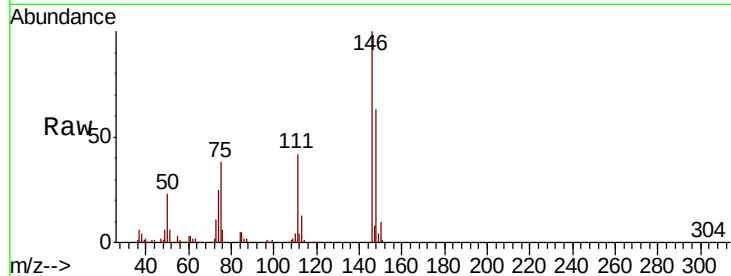
#13
 1,4-Dichlorobenzene
 Concen: 86.396 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.2	81.4
111	41.5	32.9	49.3

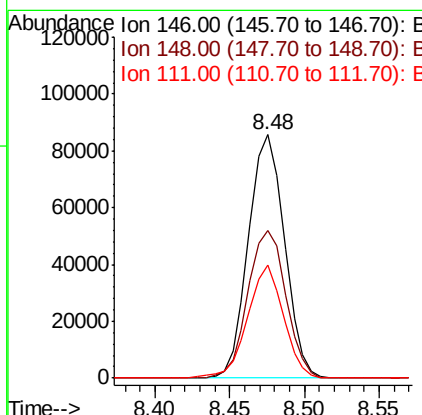
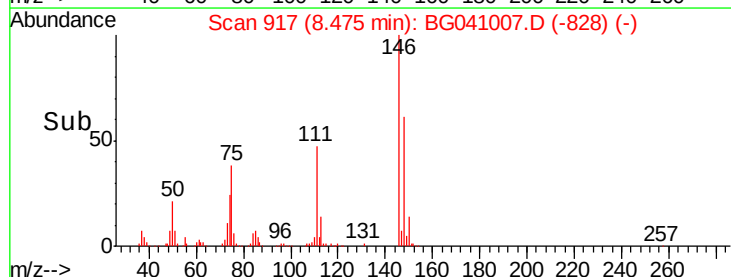
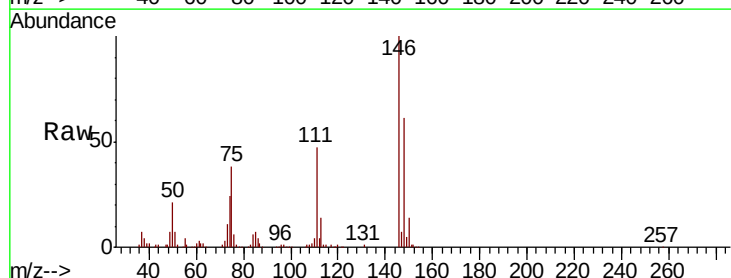
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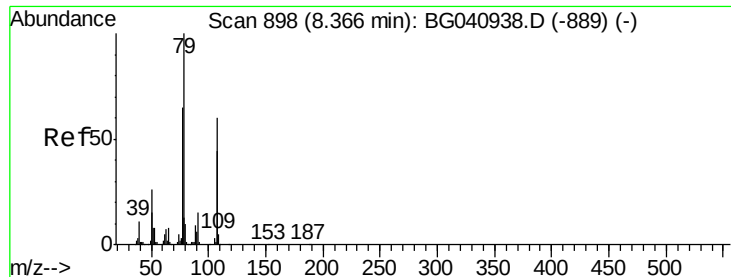
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 85.282 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.8	74.6
111	46.5	35.0	52.4





#15

Benzyl Alcohol

Concen: 87.710 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

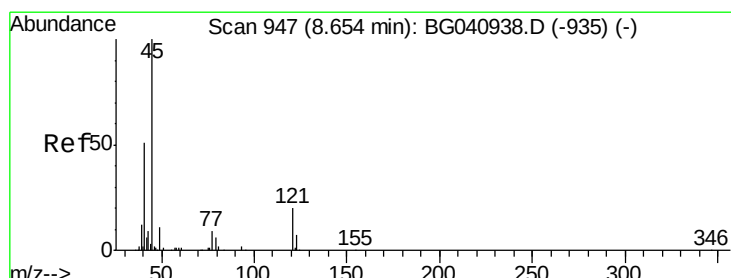
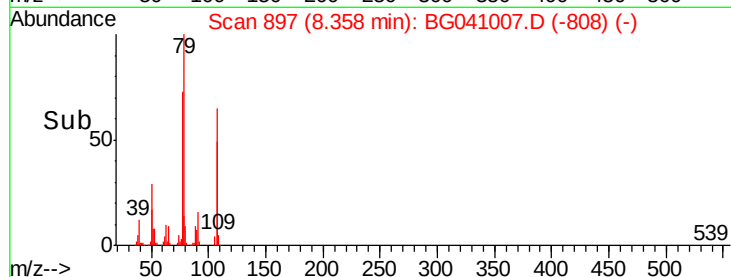
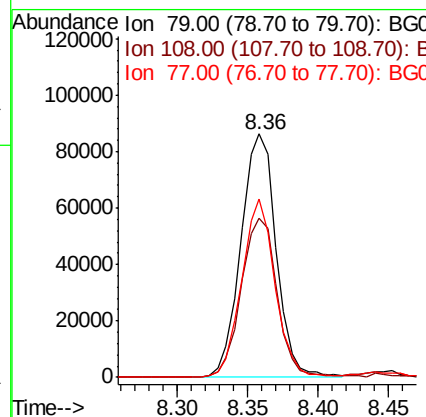
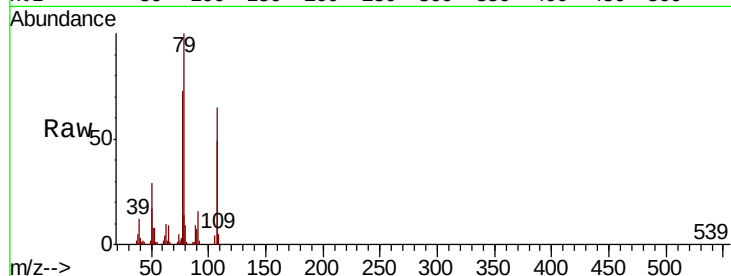
ClientSampleId :

PB120101BS

Tot Ion:	79	Resp:	150696
Ion Ratio	Lower	Upper	
79	100		
108	65.2	48.3	72.5
77	73.0	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 83.739 ng

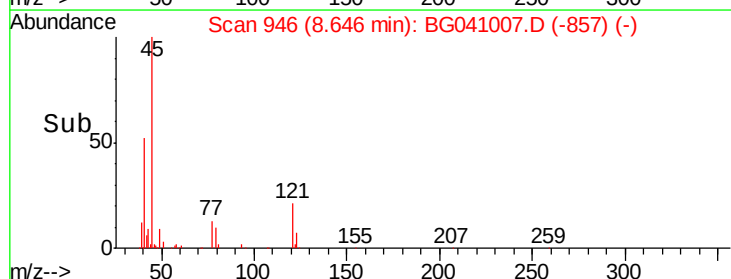
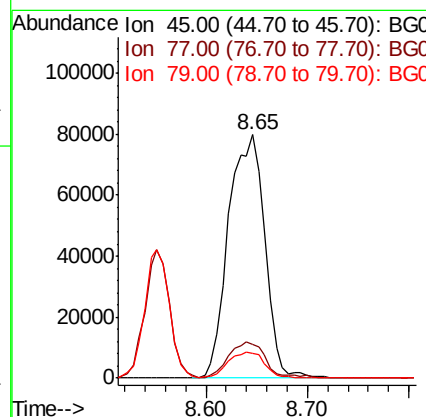
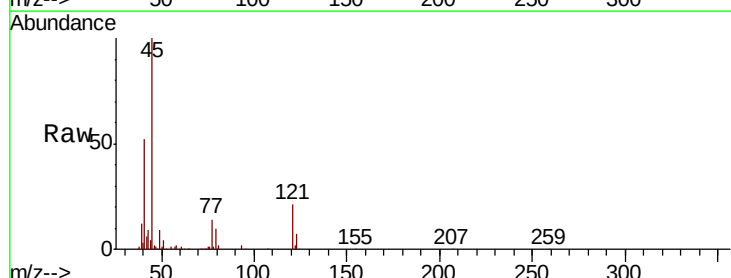
RT: 8.65 min Scan# 946

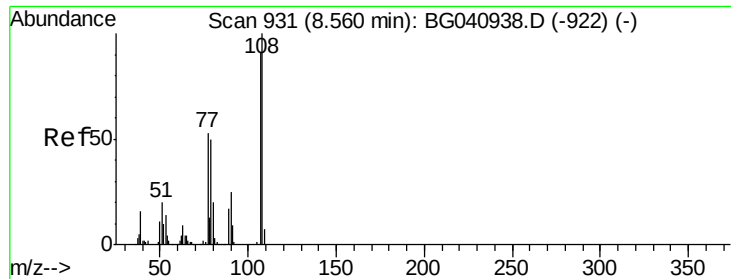
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	45	Resp:	197683
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.7
79	10.3	0.0	30.2





#17

2-Methylphenol

Concen: 87.936 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

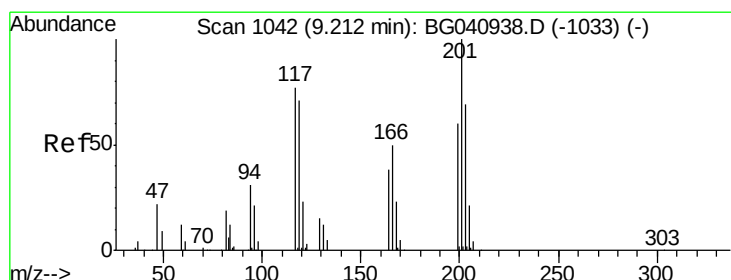
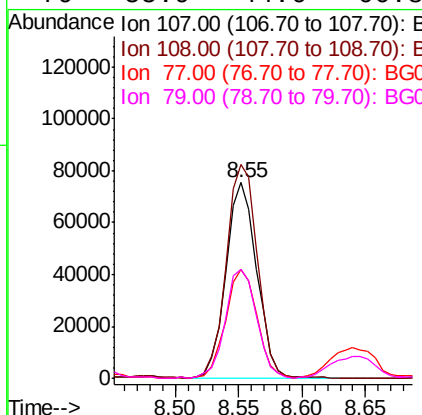
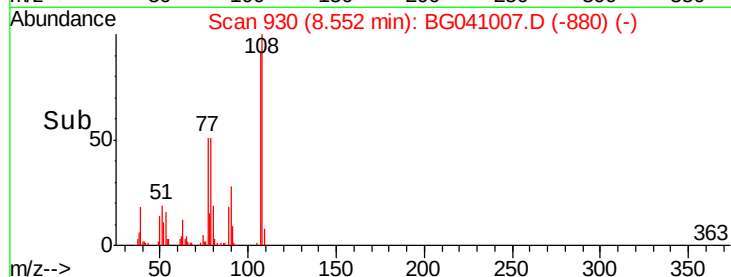
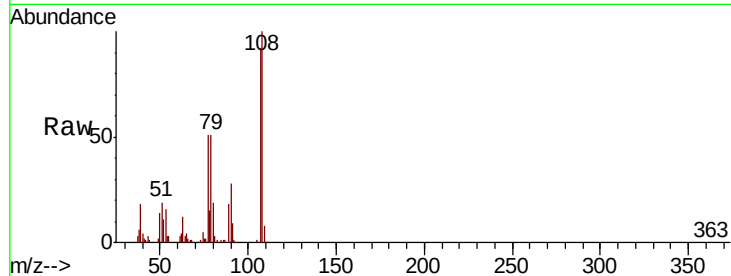
ClientSampleId :

PB120101BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.7	131.5	
77	55.6	46.6	70.0	
79	55.9	44.6	66.8	

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#18

Hexachloroethane

Concen: 86.967 ng

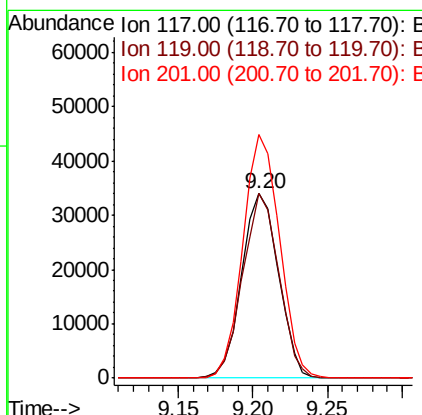
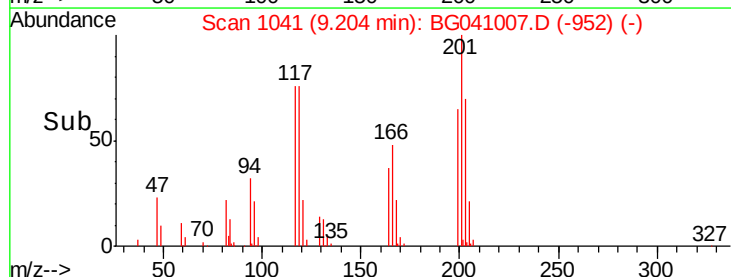
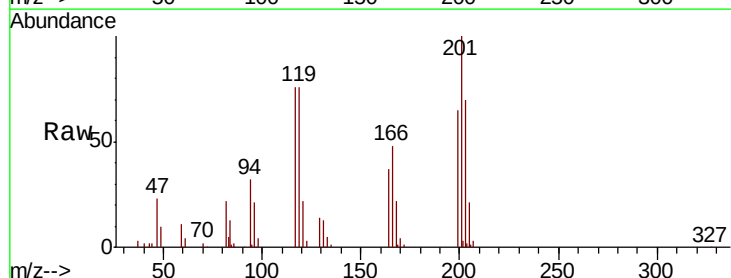
RT: 9.20 min Scan# 1041

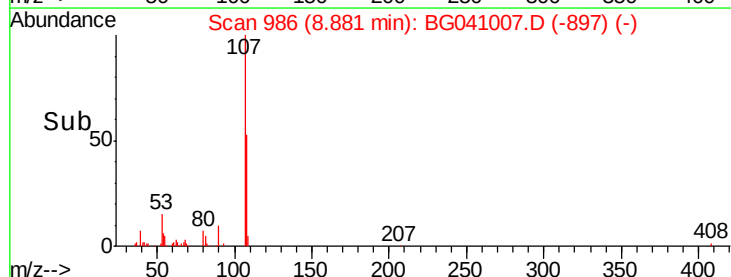
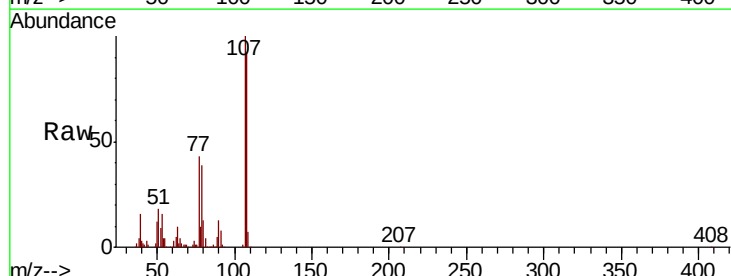
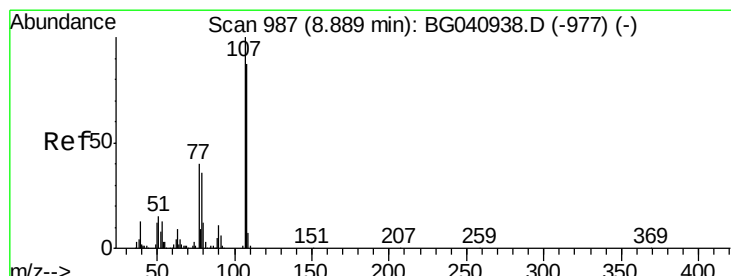
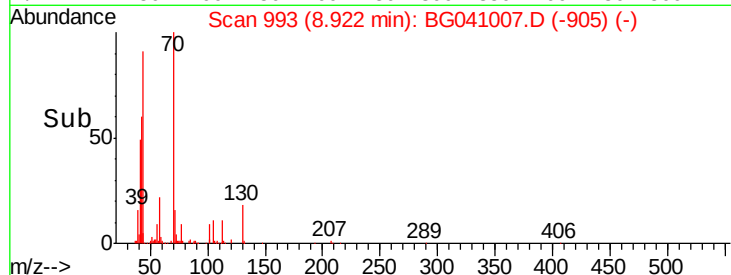
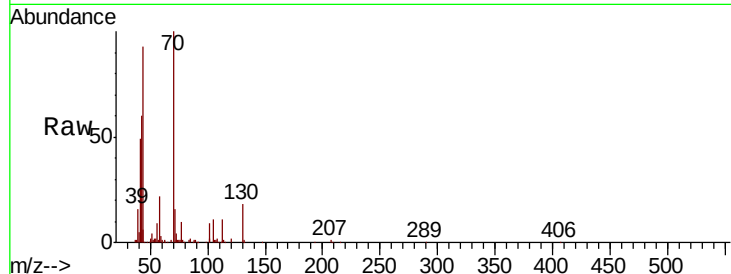
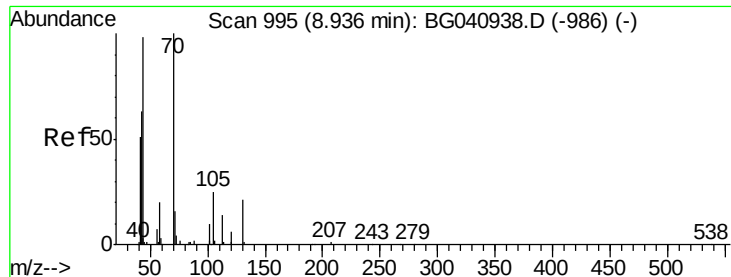
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

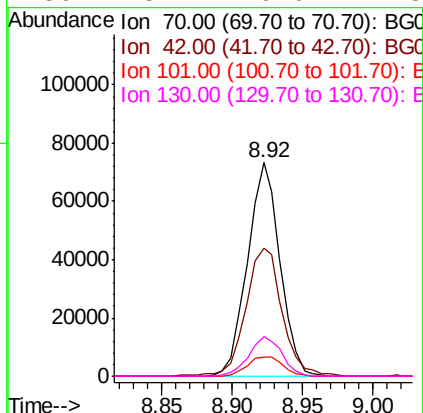
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	75.0	112.6	
201	131.9	103.5	155.3	





#19
n-Nitroso-di-n-propylamine
Concen: 82.546 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.9	51.5	77.3	
101	9.0	8.1	12.1	
130	18.4	16.6	24.8	



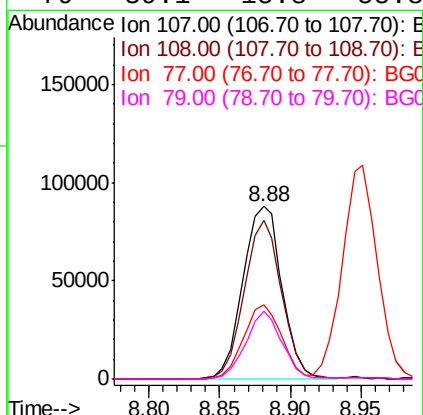
Instrument :
BNA_G
ClientSampleId :
PB120101BS

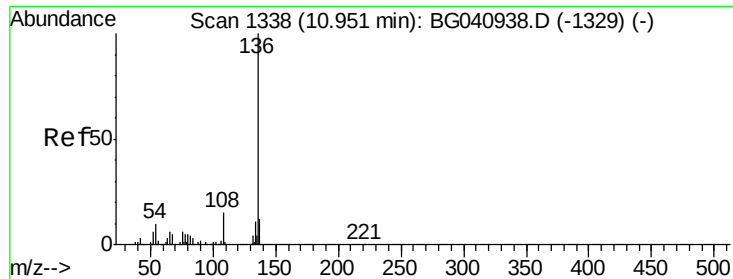
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#20
3+4-Methylphenols
Concen: 85.189 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	66.8	106.8	
77	43.4	20.5	60.5	
79	39.1	15.8	55.8	





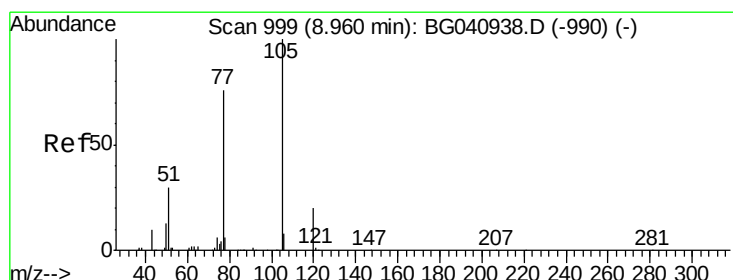
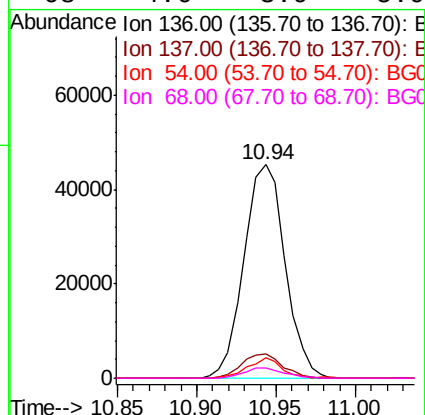
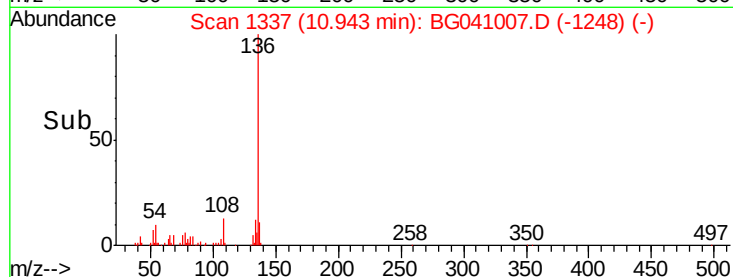
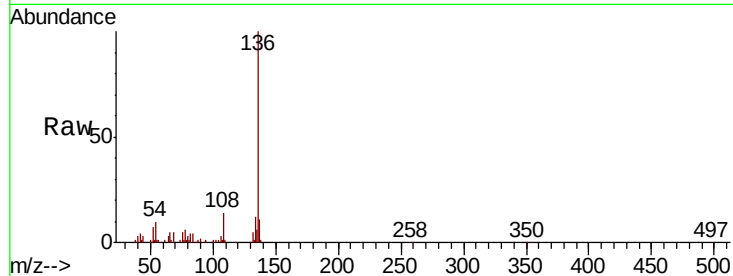
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	9.8	7.6	11.4
68	4.6	3.9	5.9

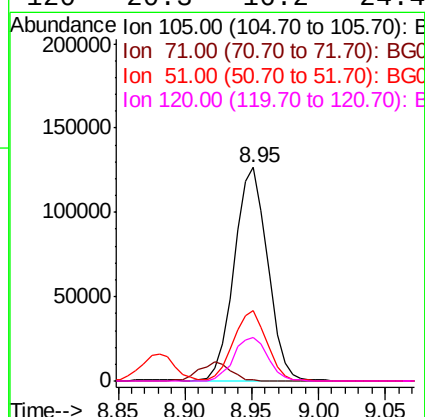
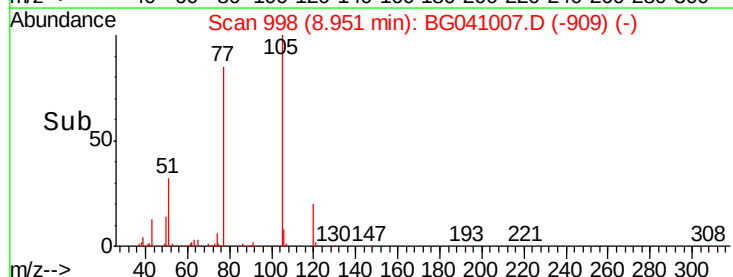
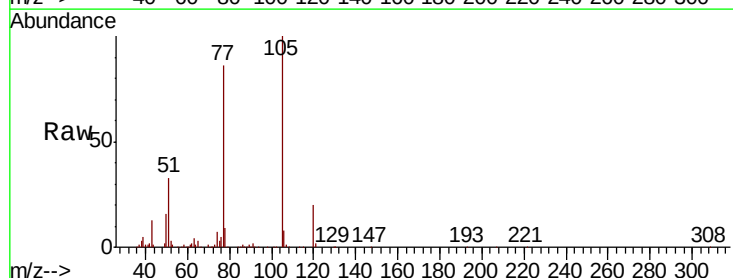
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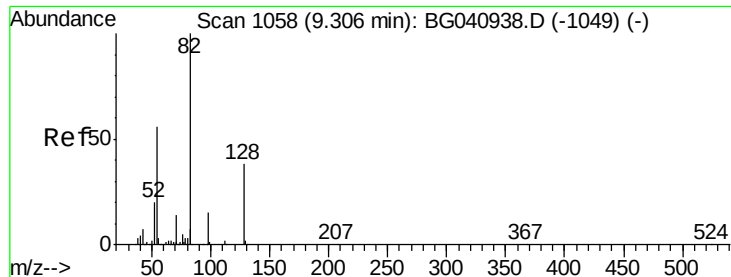
mohammad
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#22
Acetophenone
Concen: 95.791 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6#
51	32.9	27.0	40.6
120	20.3	16.2	24.4





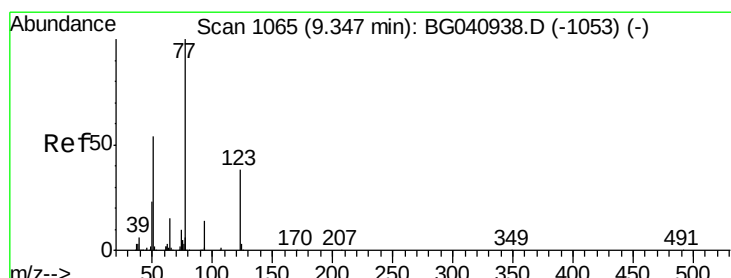
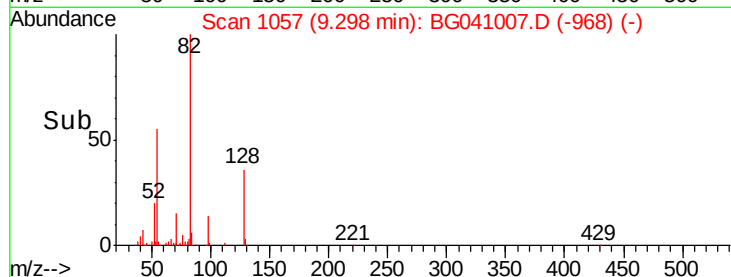
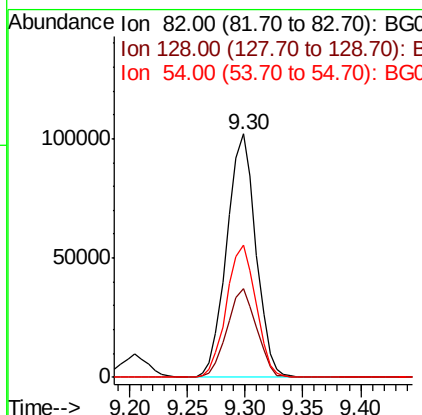
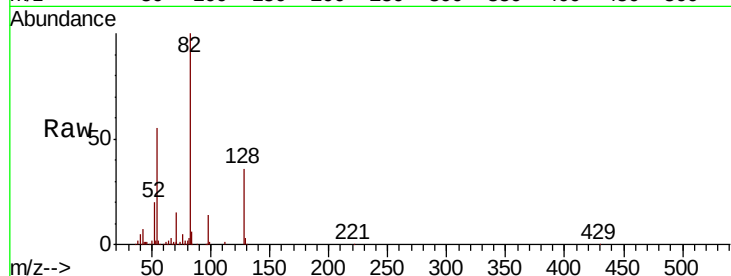
#23
Nitrobenzene-d5
Concen: 97.033 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	82	Resp	178736
Ion Ratio	100	Lower	Upper
82	100		
128	36.4	30.5	45.7
54	54.6	44.6	66.8

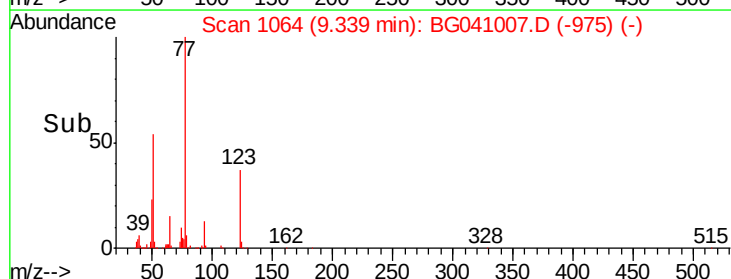
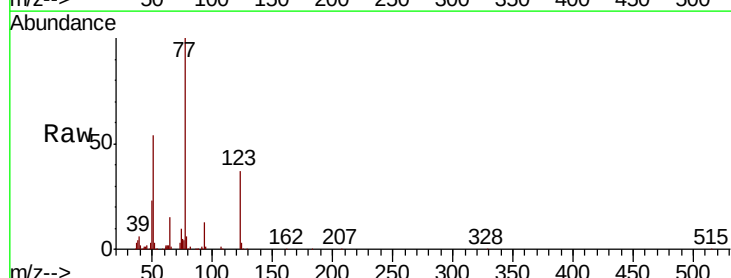
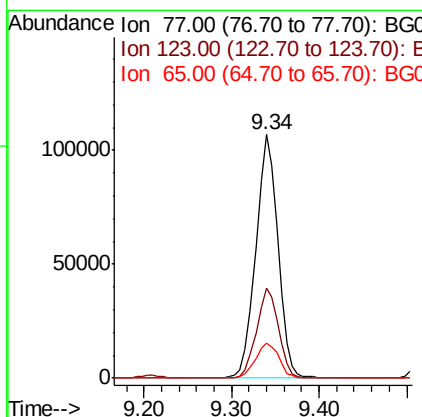
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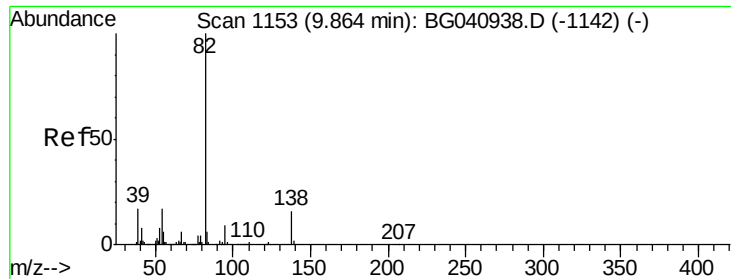
mohammad
6/3/2019 8:50:50 AM



#24
Nitrobenzene
Concen: 98.415 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	77	Resp	184742
Ion Ratio	100	Lower	Upper
77	100		
123	36.8	30.6	46.0
65	14.6	12.3	18.5





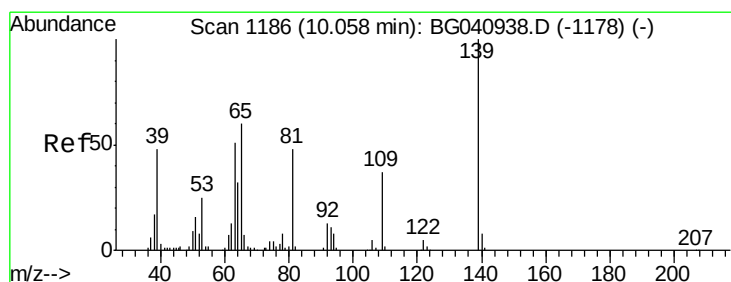
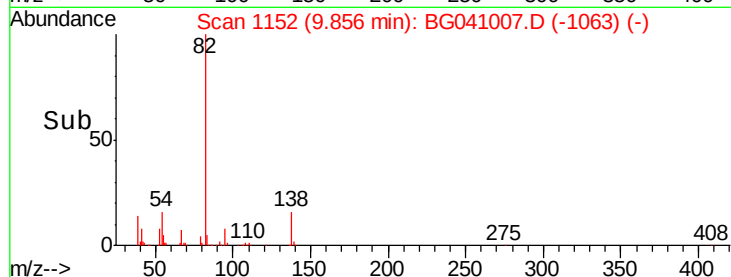
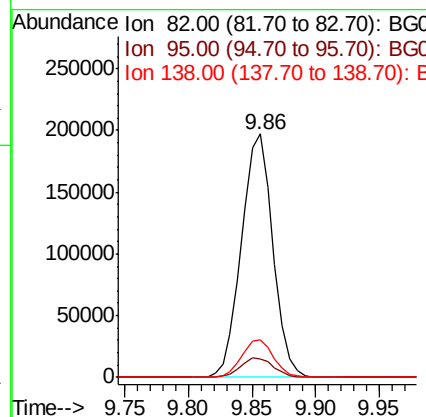
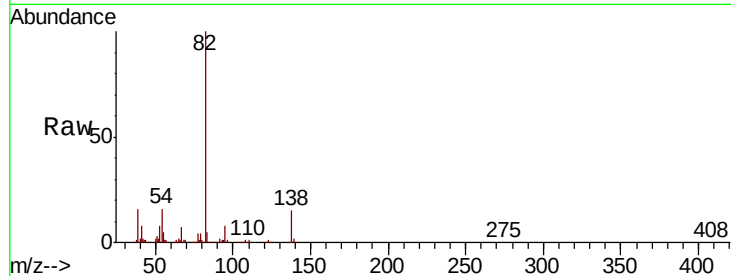
#25
Isophorone
Concen: 96.297 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	7.0	10.4	
138	15.5	12.6	19.0	

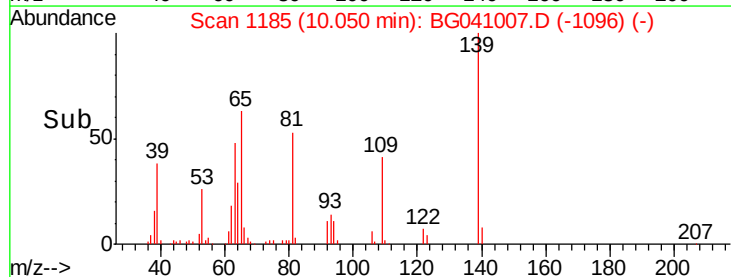
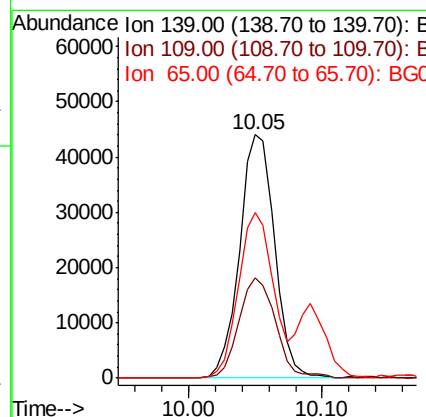
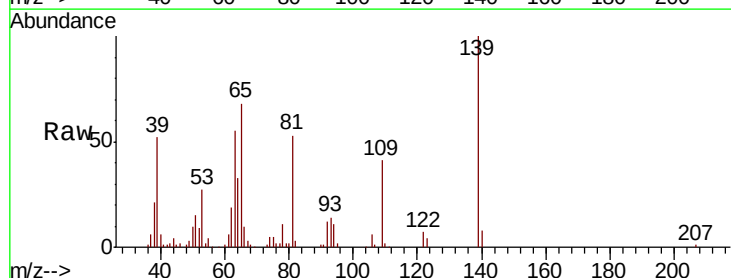
Manual Integrations
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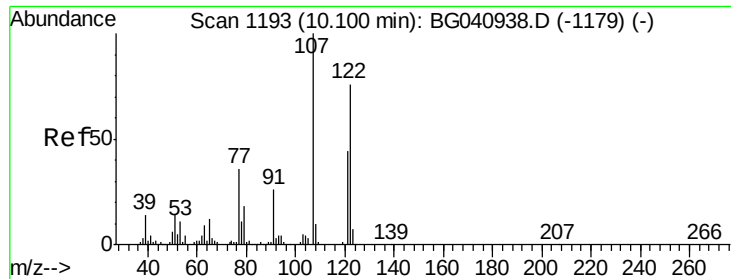
mohammad
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#26
2-Nitrophenol
Concen: 103.151 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.4	29.8	44.6	
65	68.2	47.8	71.6	





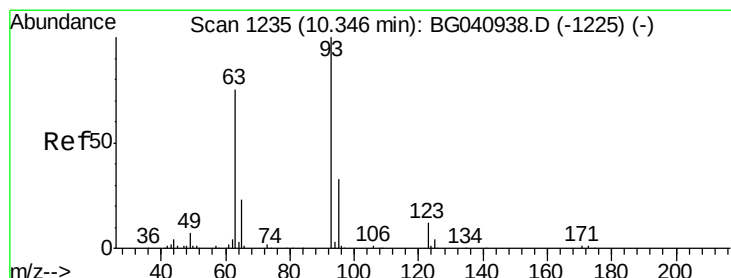
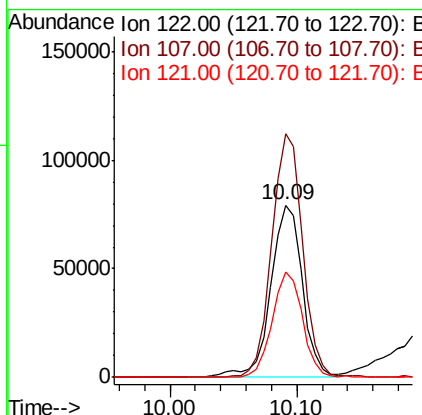
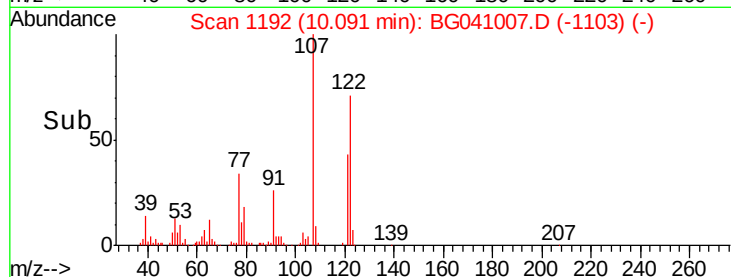
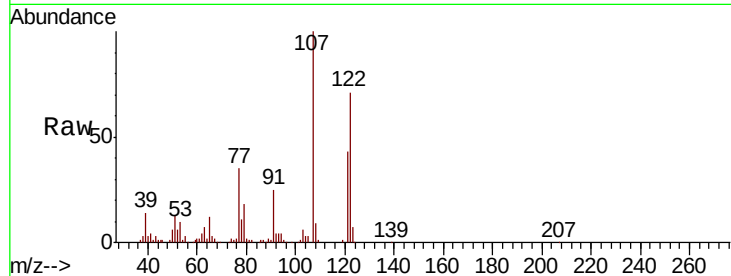
#27
 2,4-Dimethylphenol
 Concen: 107.926 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	105.9	158.9
121	61.1	46.2	69.4

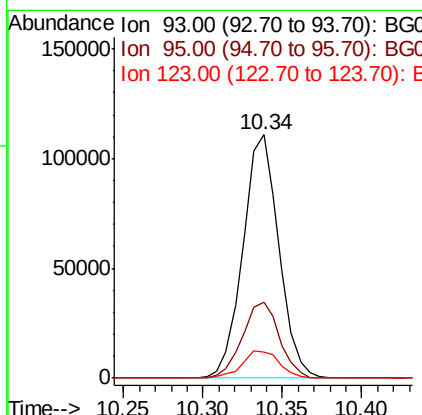
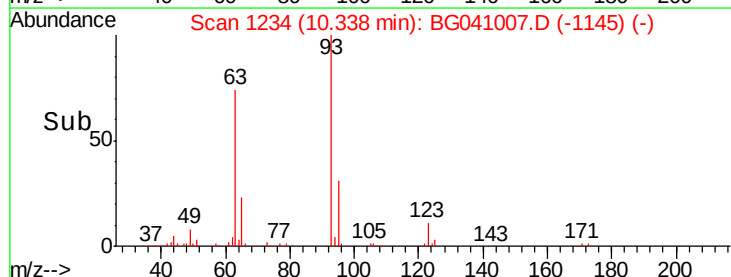
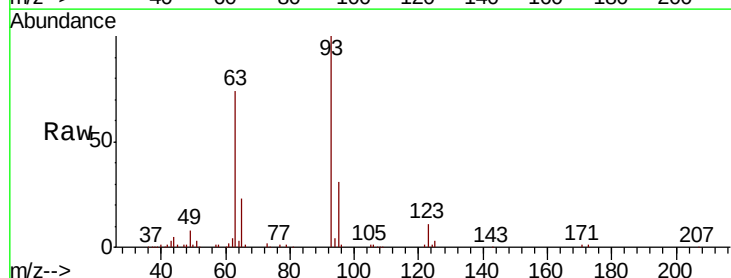
Manual Integrations
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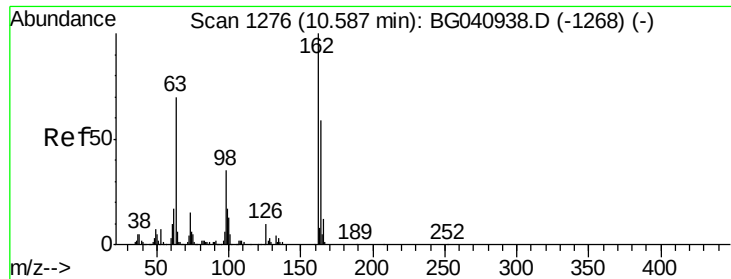
mohammad
 6/3/2019 8:50:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 91.942 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.2	39.2
123	10.8	9.5	14.3





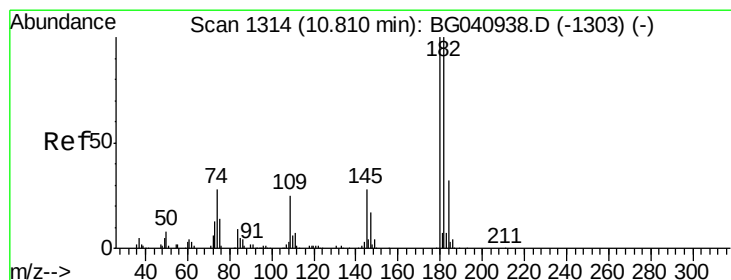
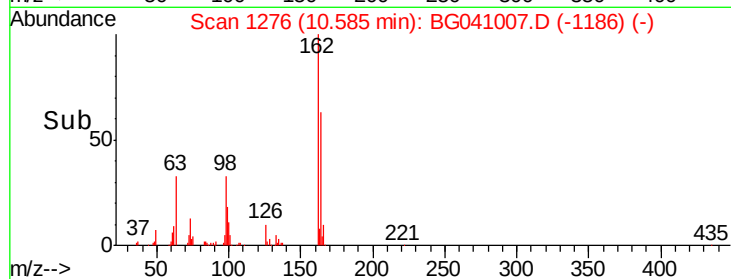
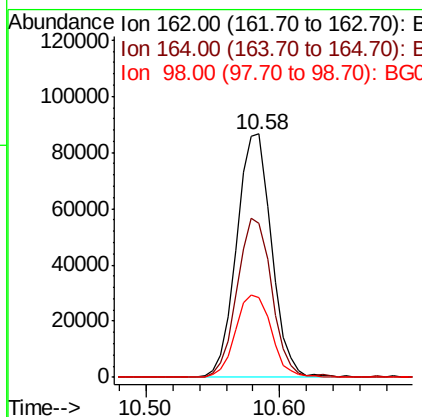
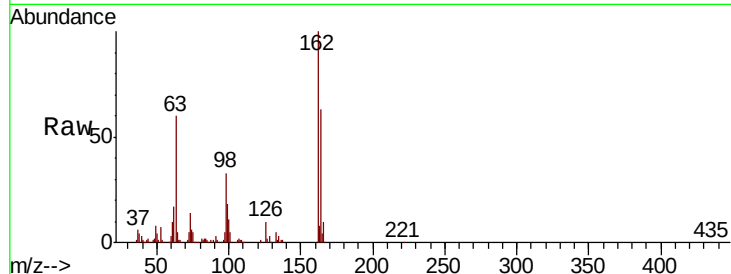
#29
2,4-Dichlorophenol
Concen: 96.588 ng
RT: 10.58 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.0	39.4	79.4		
98	32.8	15.3	55.3		

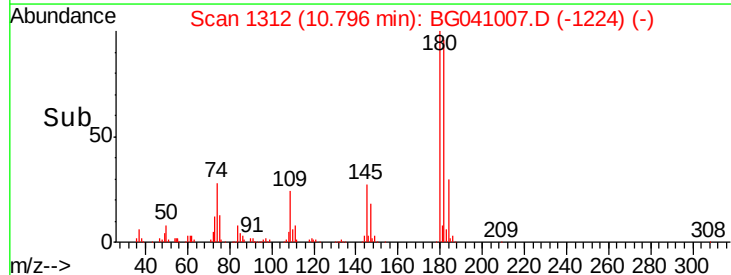
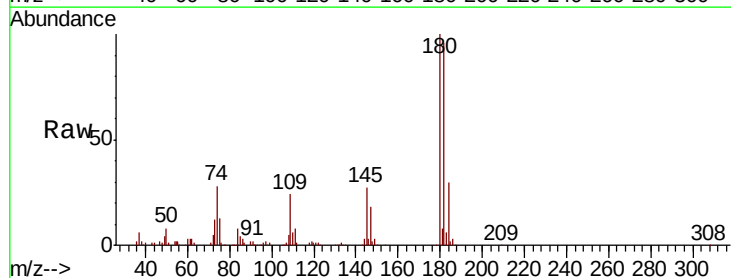
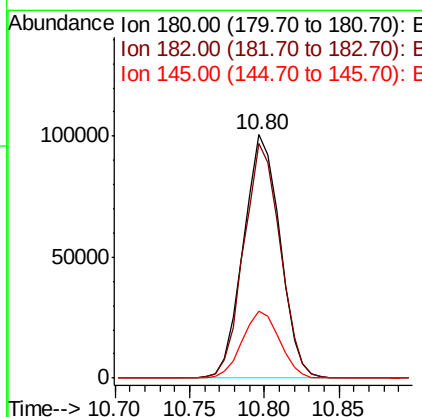
Manual Integrations
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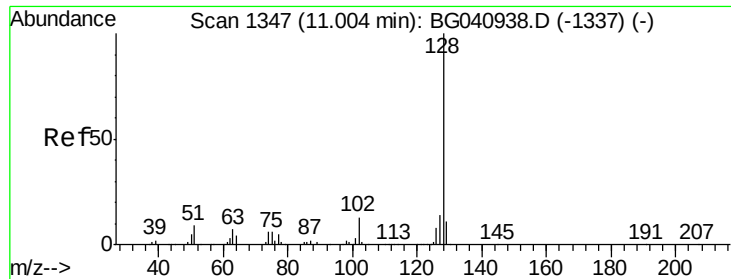
mohammad
6/3/2019 8:50:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 92.479 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.2	79.7	119.5		
145	27.4	22.6	34.0		





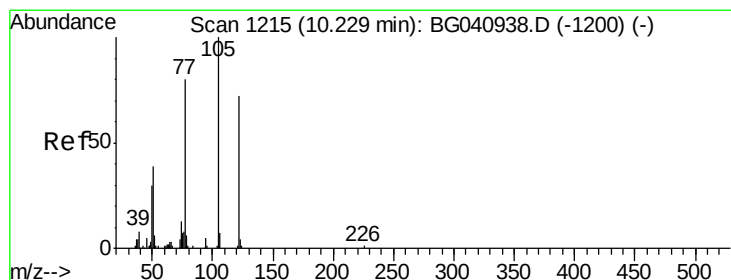
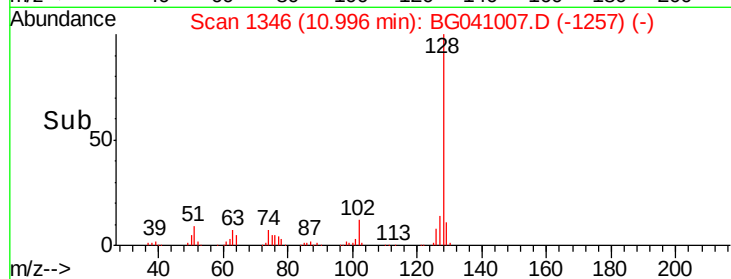
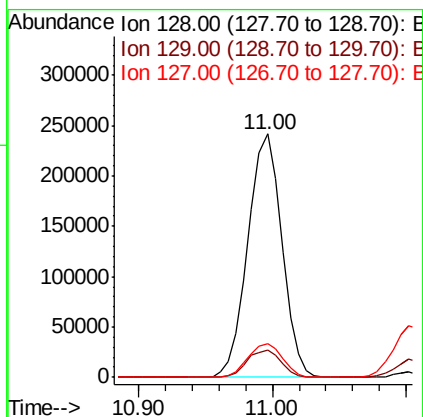
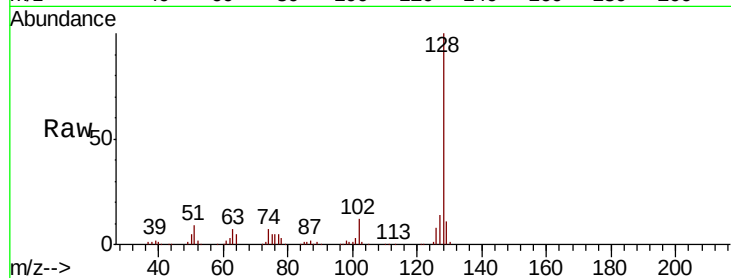
#31
Naphthalene
Concen: 96.776 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	13.9	11.4	17.2

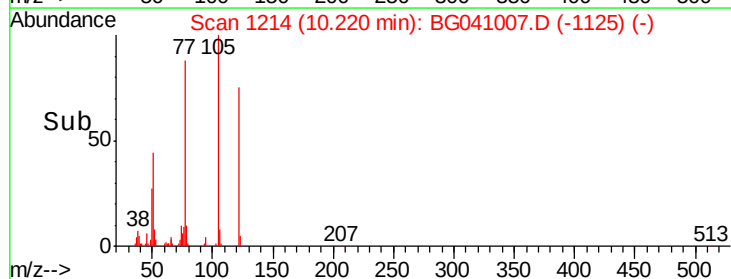
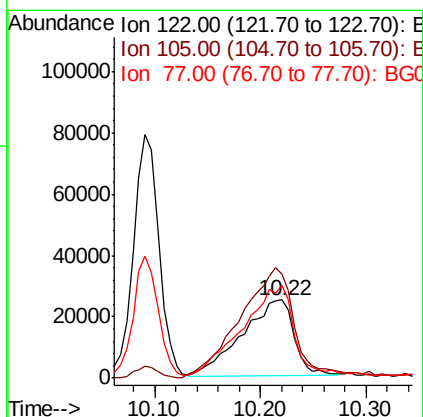
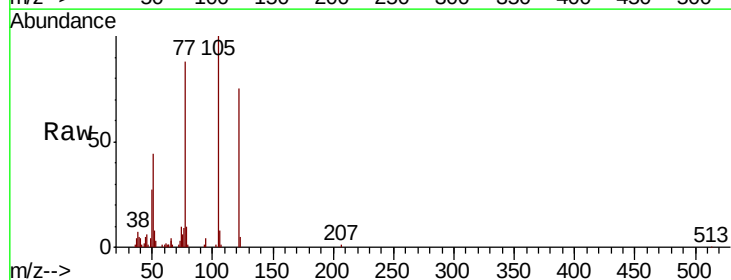
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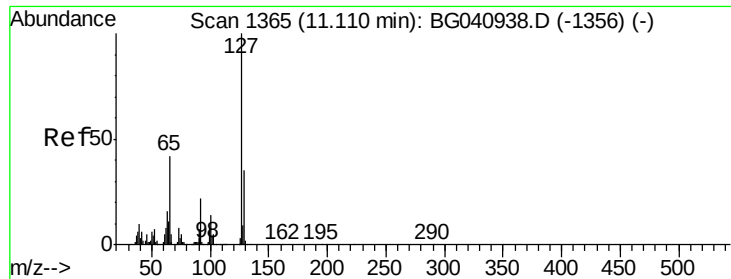
mohammad
6/3/2019 8:50:50 AM



#32
Benzoic acid
Concen: 77.629 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	114.8	154.8
77	118.3	89.9	129.9





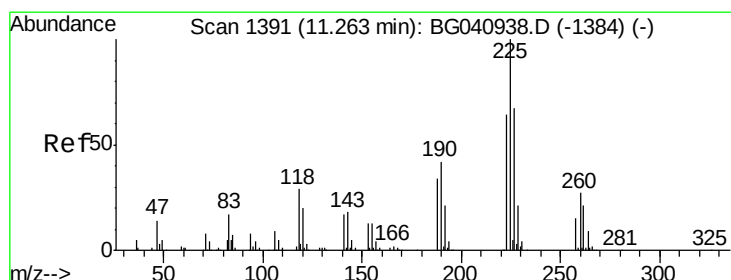
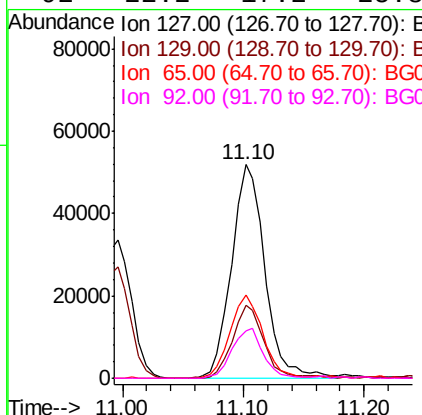
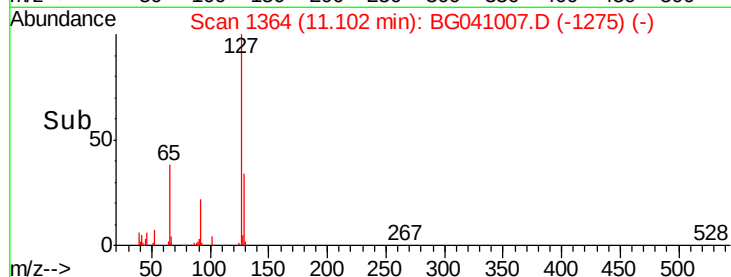
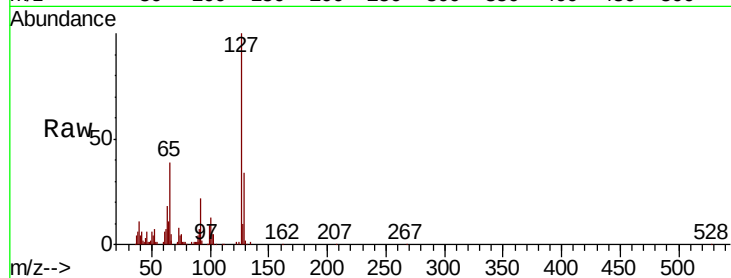
#33
4-Chloroaniline
Concen: 48.833 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	27.7	41.5		
65	38.9	33.2	49.8		
92	22.2	17.2	25.8		

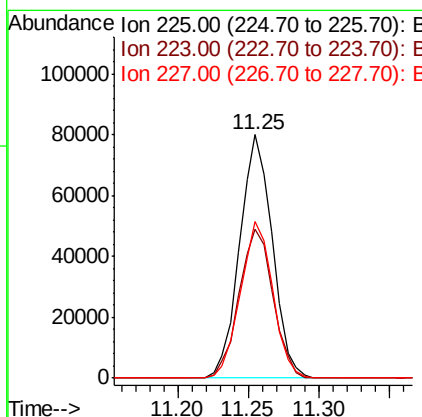
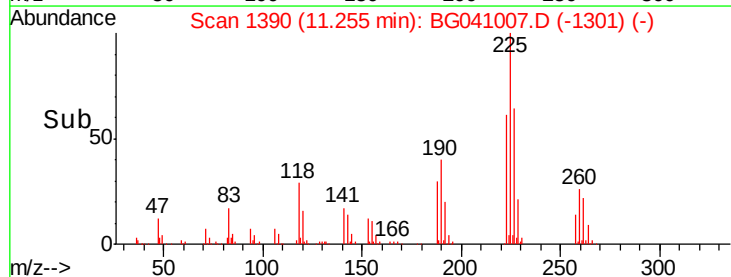
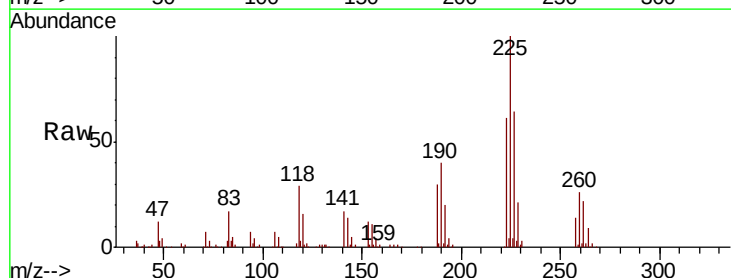
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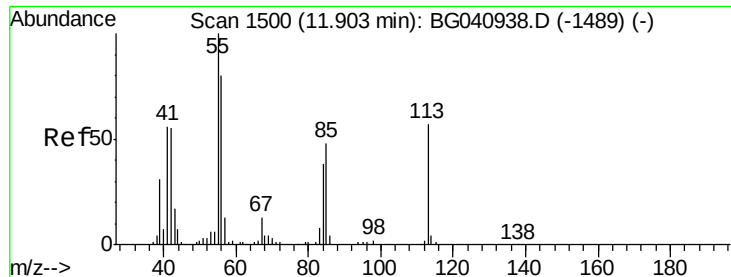
mohammad
6/3/2019 8:50:50 AM



#34
Hexachlorobutadiene
Concen: 91.690 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	48.8	73.2		
227	64.3	51.4	77.0		





#35

Caprolactam

Concen: 92.275 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

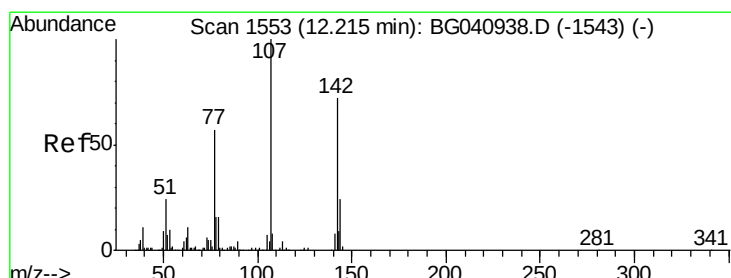
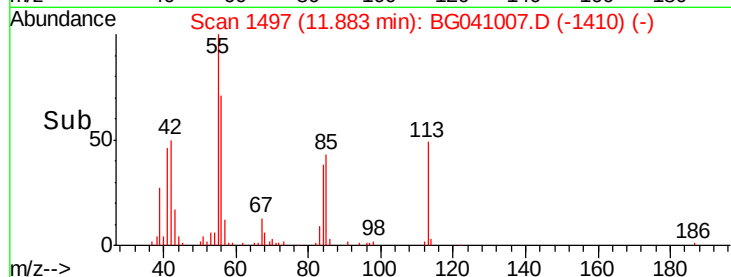
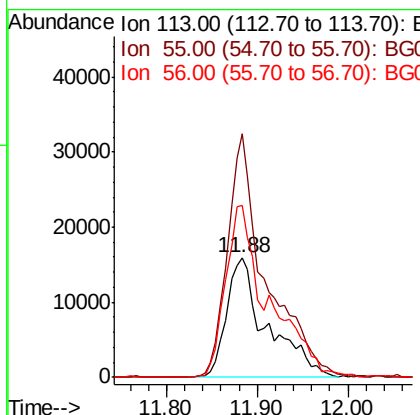
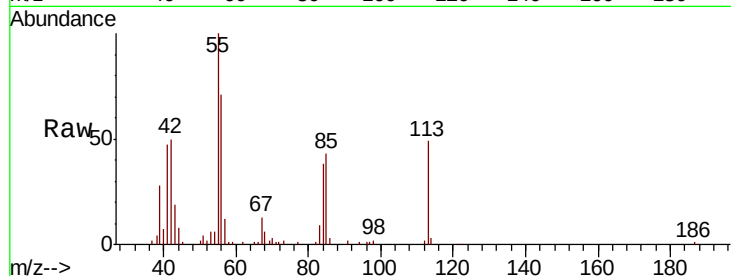
ClientSampleId :

PB120101BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.5	155.9	195.9#
56	143.9	119.9	159.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 93.783 ng

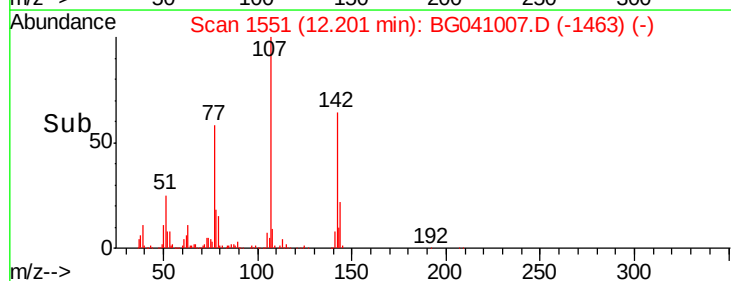
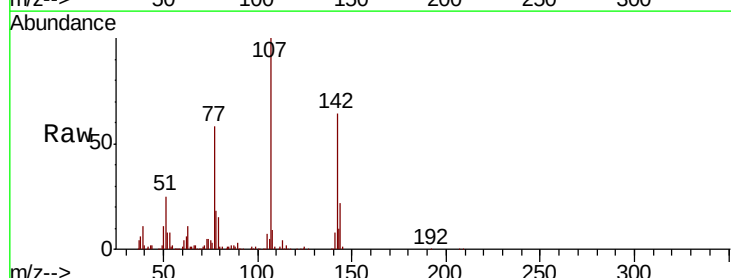
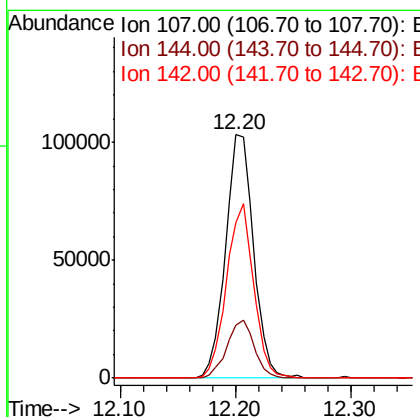
RT: 12.20 min Scan# 1551

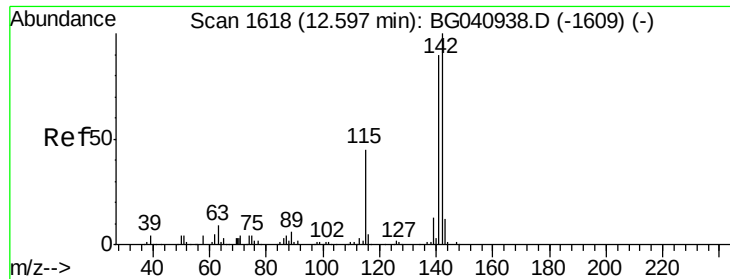
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.4	29.0
142	63.8	57.3	85.9





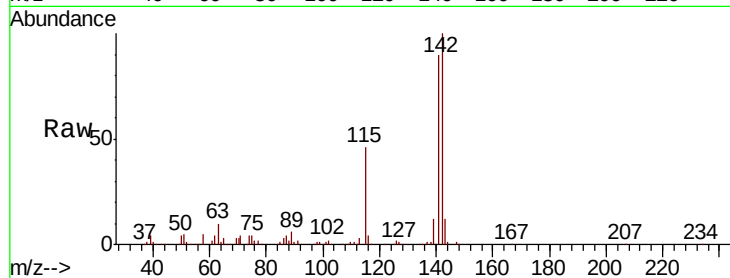
#37
2-Methylnaphthalene
Concen: 93.763 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampled :
PB120101BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	46.3	36.2	54.4

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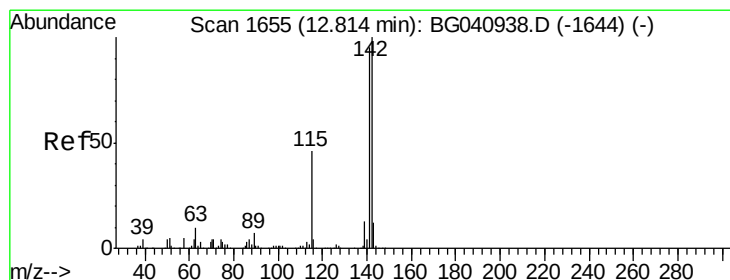
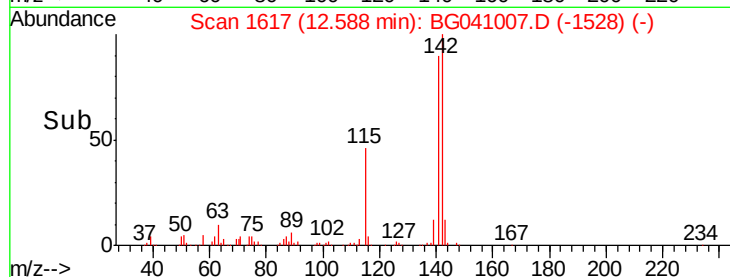
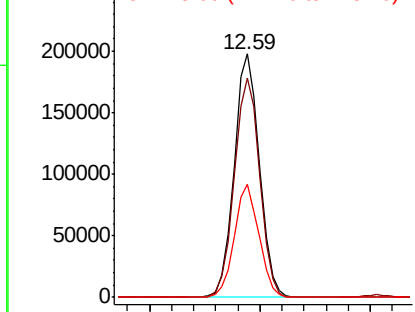


Abundance

Ion 142.00 (141.70 to 142.70): E

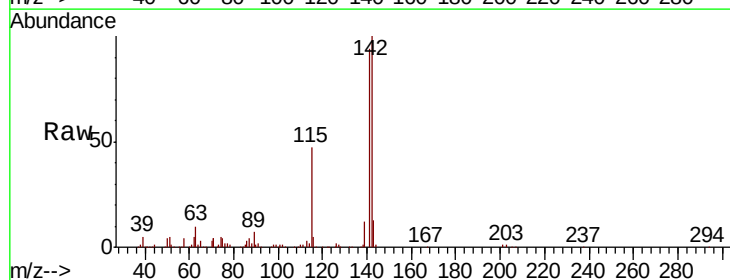
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 94.580 ng m
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.7	113.5
116	5.3	3.4	5.2#

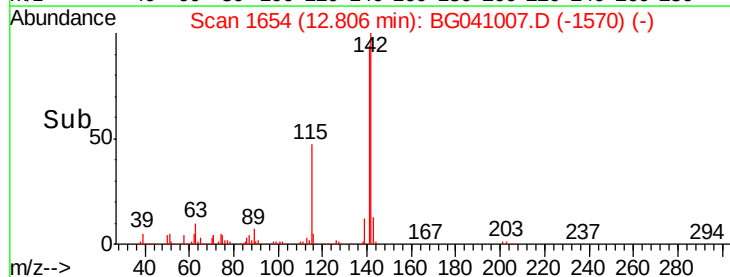
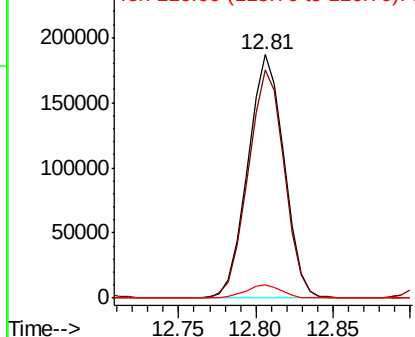


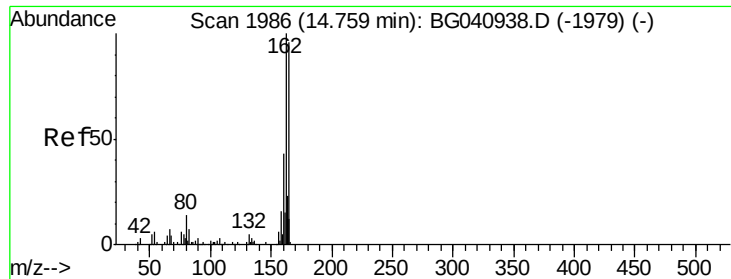
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:164 Resp: 58210

Ion Ratio Lower Upper

164 100

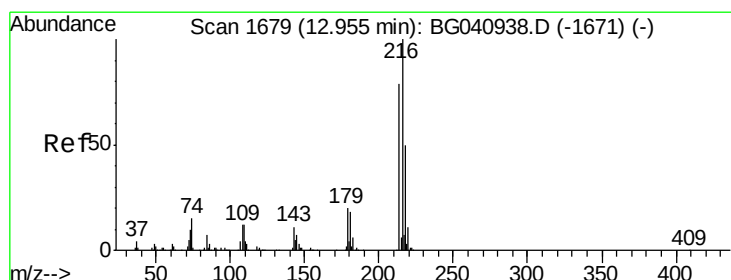
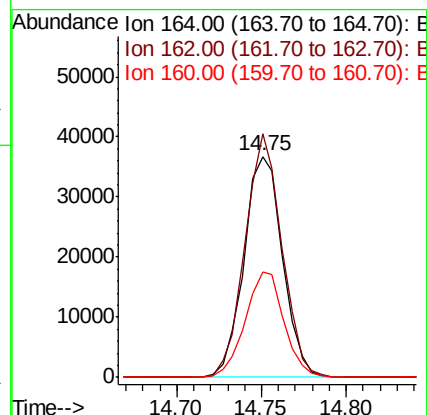
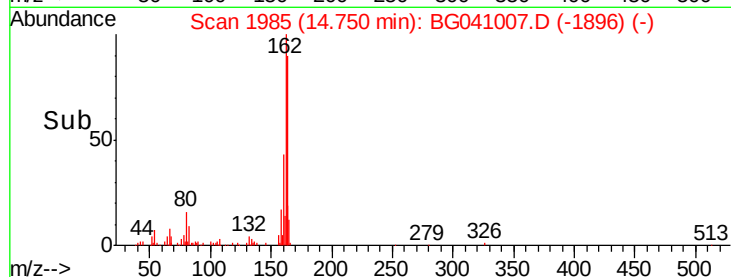
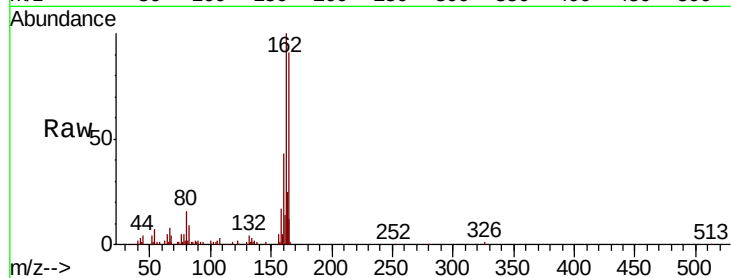
162 110.2 83.0 124.4

160 47.7 35.6 53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 99.299 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:216 Resp: 232973

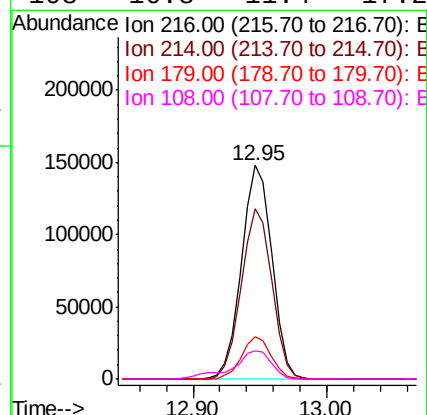
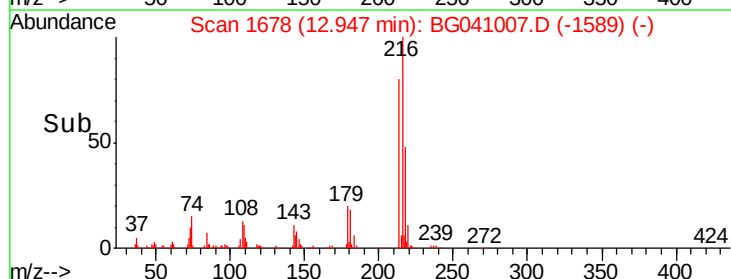
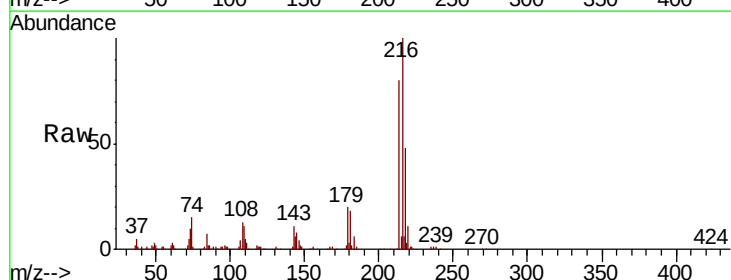
Ion Ratio Lower Upper

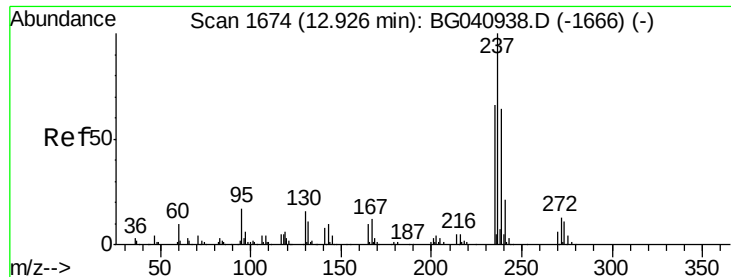
216 100

214 79.8 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 206.752 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

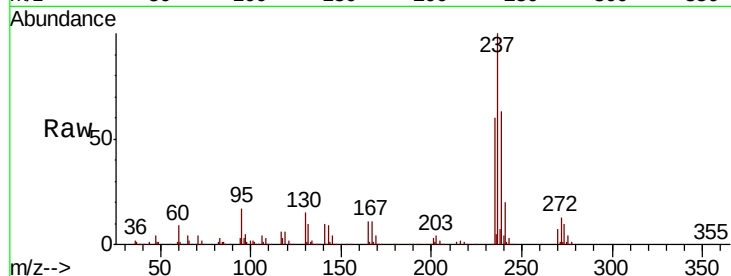
ClientSampleId :

PB120101BS

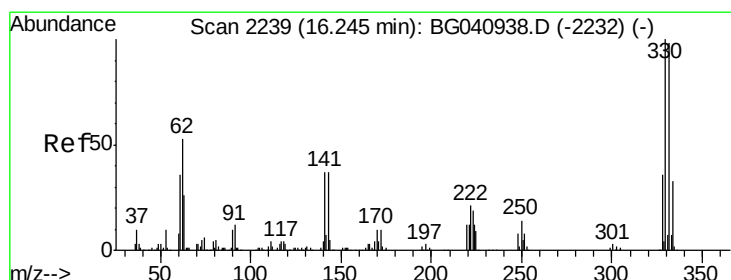
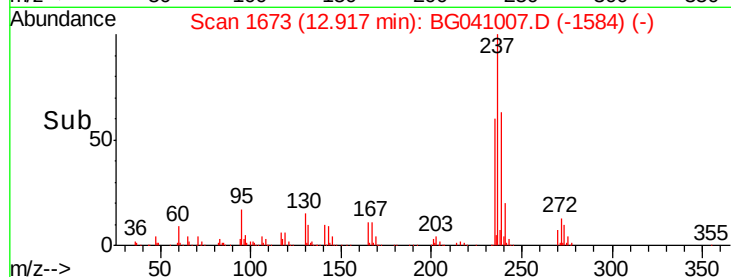
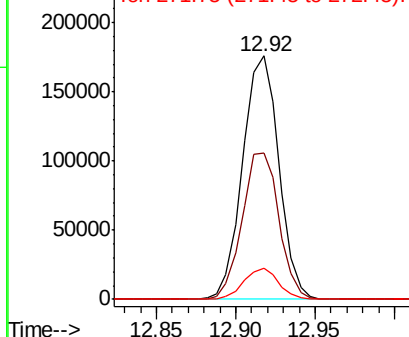
Tot Ion:	237	Resp:	279096
Ion Ratio	Lower	Upper	
237	100		
235	60.1	45.5	85.5
272	12.6	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 169.430 ng

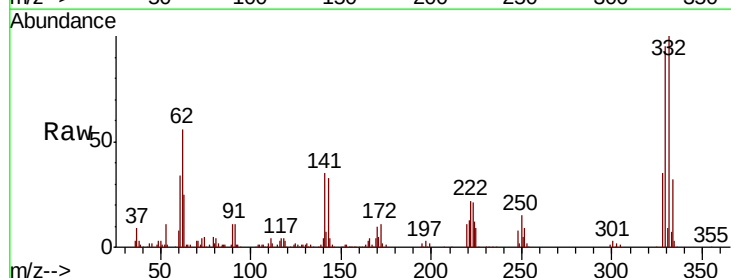
RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

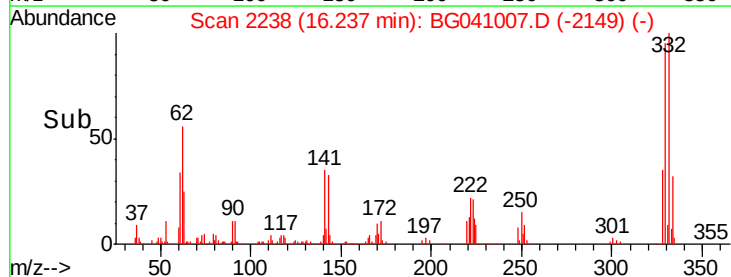
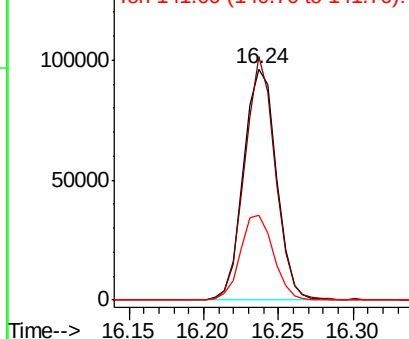
Lab File: BG041007.D

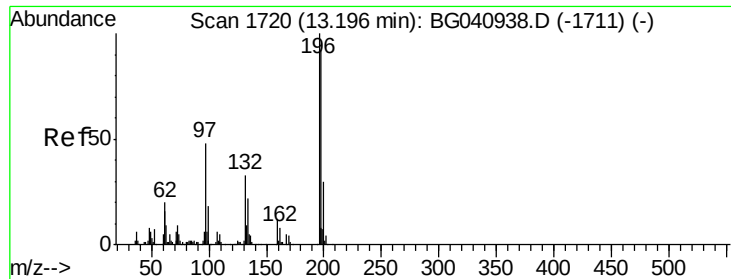
Acq: 1 Jun 2019 11:43

Tgt Ion:	330	Resp:	146416
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.5	117.7
141	37.0	28.7	43.1



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





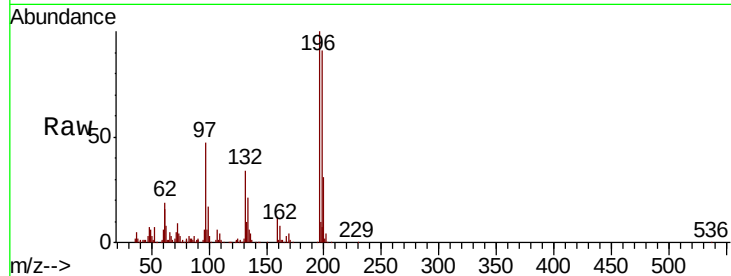
#43
 2,4,6-Trichlorophenol
 Concen: 97.386 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampled :
 PB120101BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147810		
198	91.5	73.8	110.6	
200	30.8	24.1	36.1	

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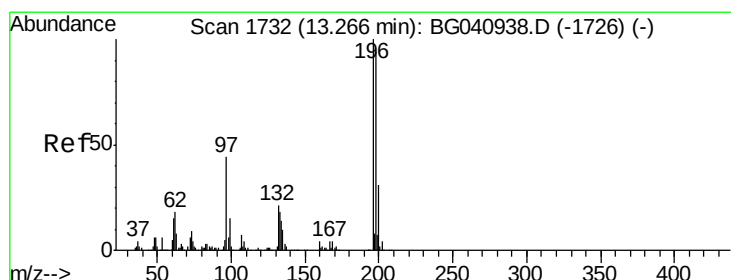
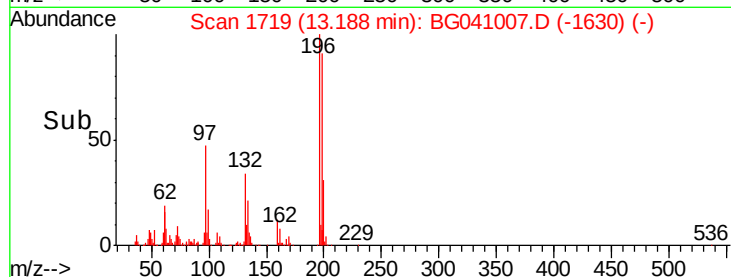
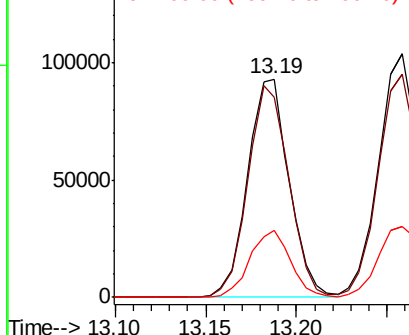


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 100.970 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161622		
198	91.5	75.1	112.7	
97	42.2	35.6	53.4	
132	19.4	16.7	25.1	

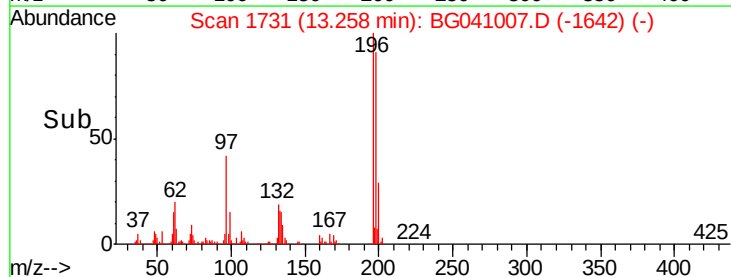
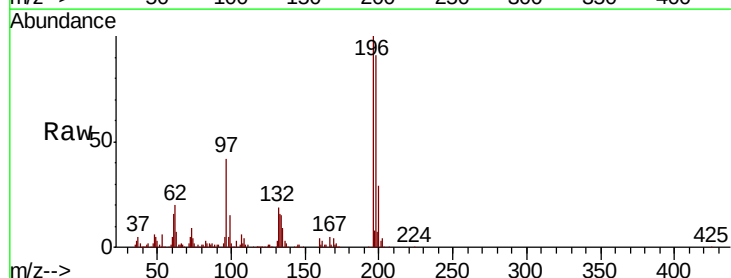
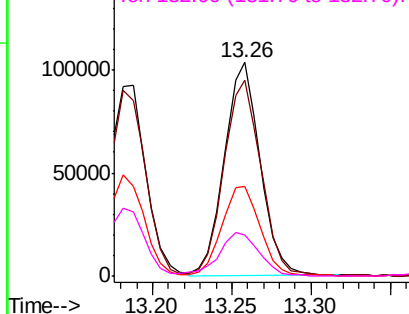
Abundance

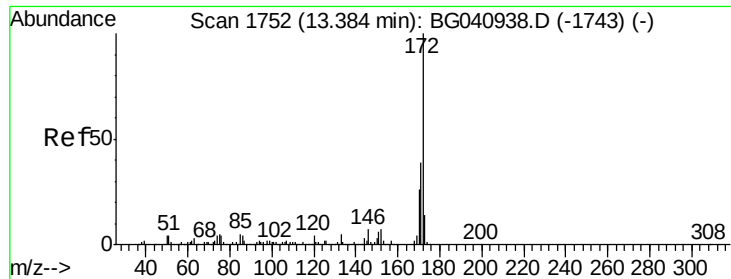
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





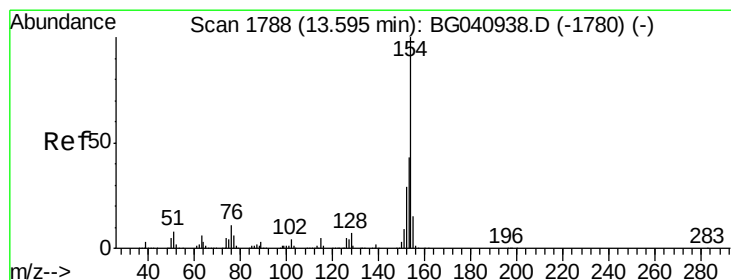
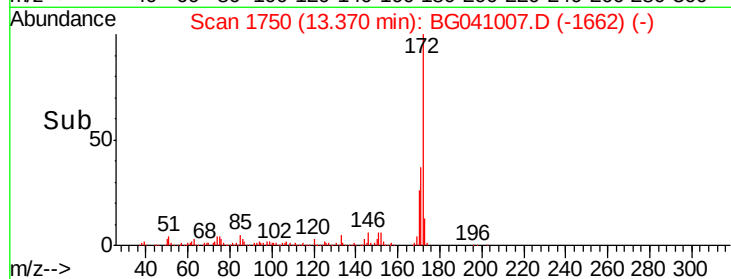
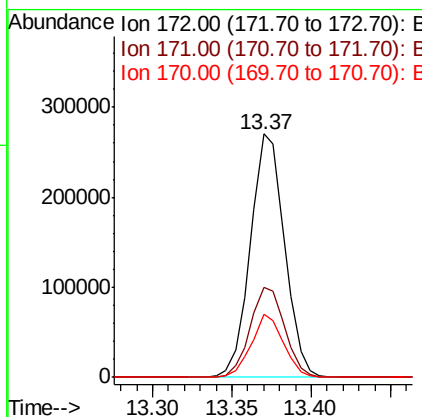
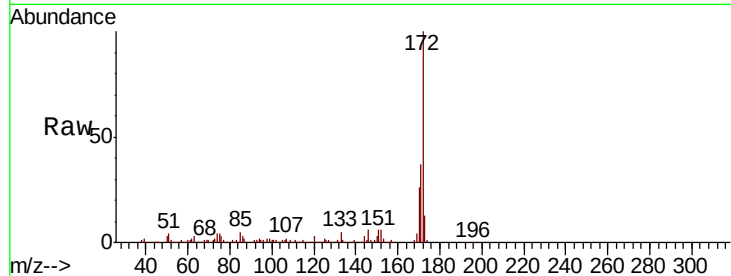
#45
2-Fluorobiphenyl
Concen: 99.908 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.1	46.7
170	25.7	20.5	30.7

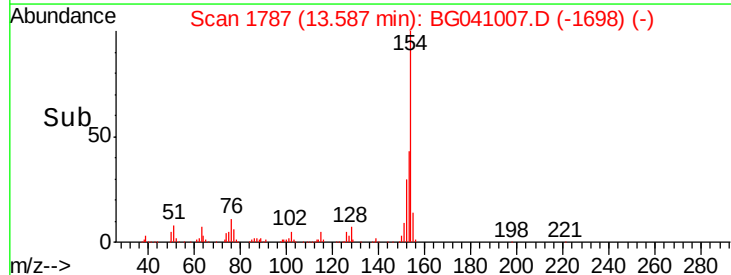
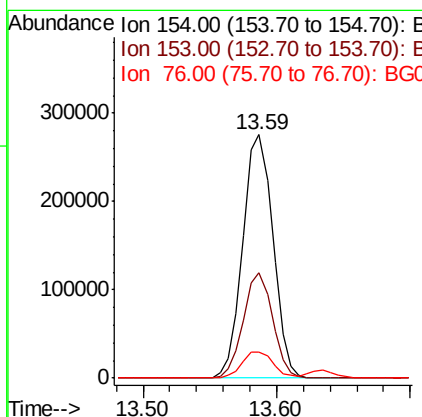
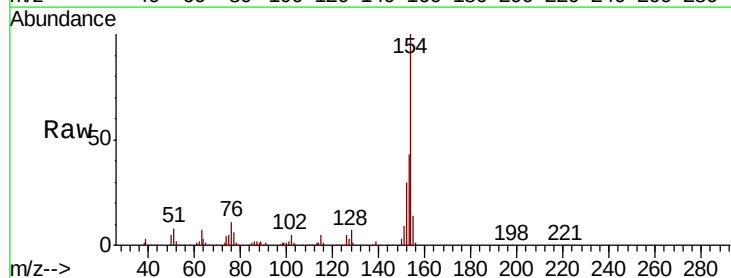
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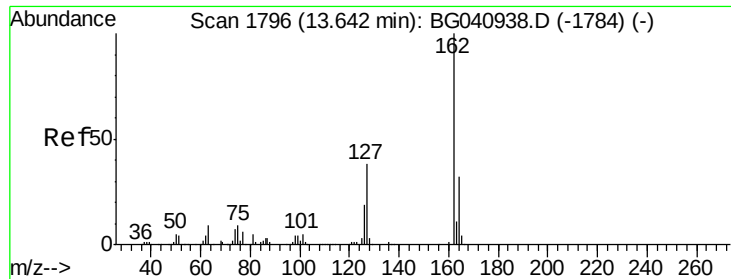
mohammad
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#46
1,1'-Biphenyl
Concen: 99.793 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.3	63.3
76	10.9	0.0	31.1





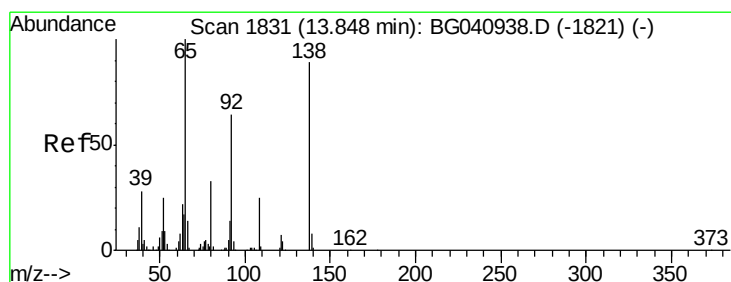
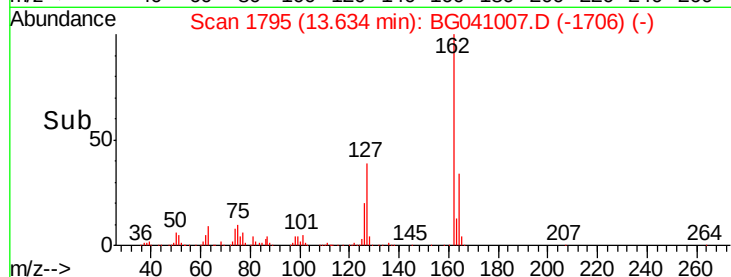
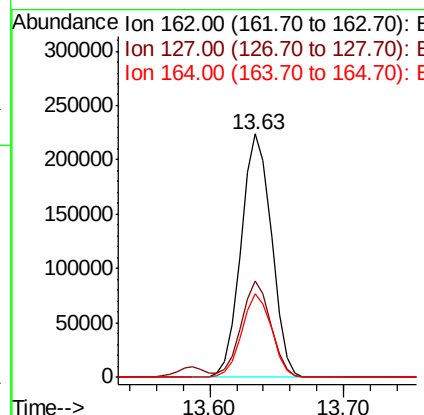
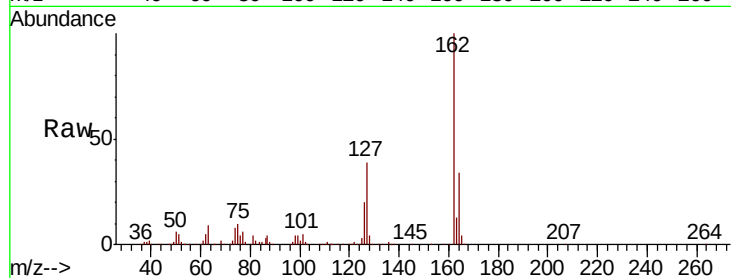
#47
2-Chloronaphthalene
Concen: 95.541 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.5	45.7
164	34.4	25.8	38.6

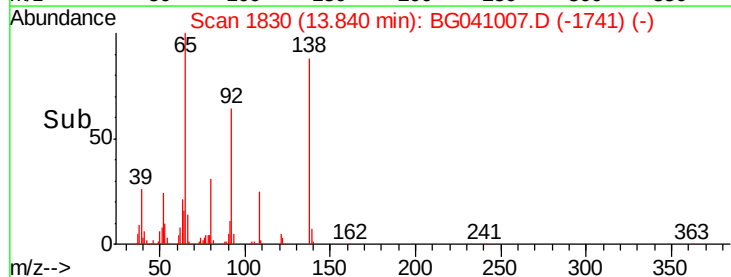
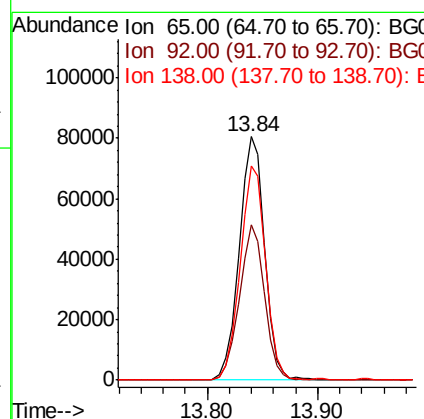
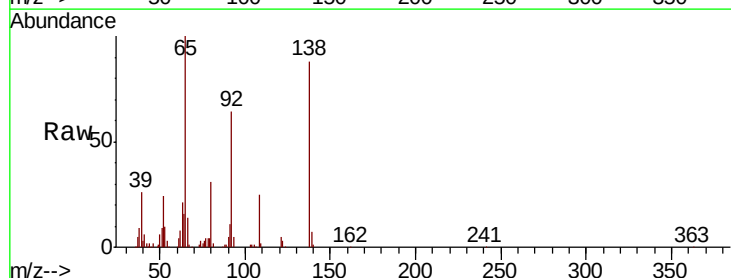
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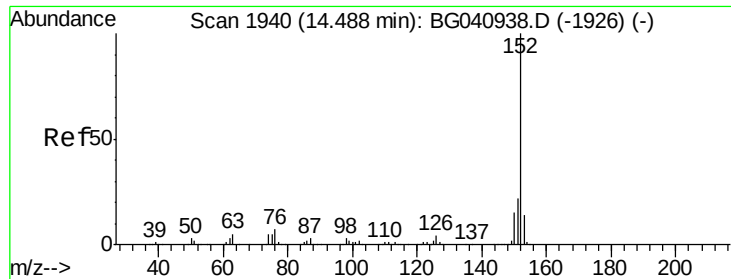
mohammad
6/3/2019 8:50:50 AM



#48
2-Nitroaniline
Concen: 97.837 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	51.0	76.6
138	88.1	71.2	106.8





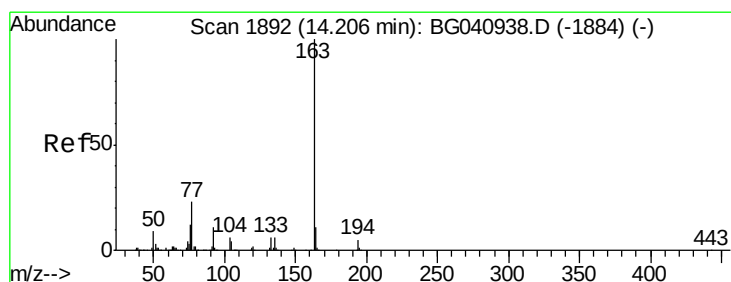
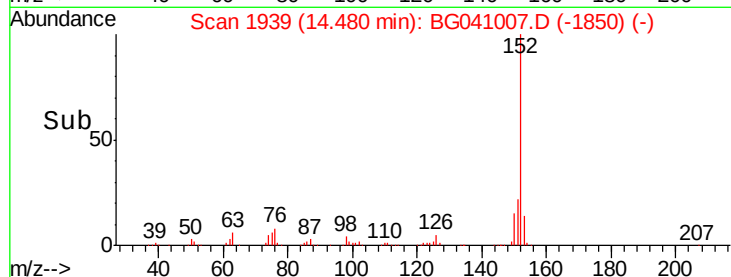
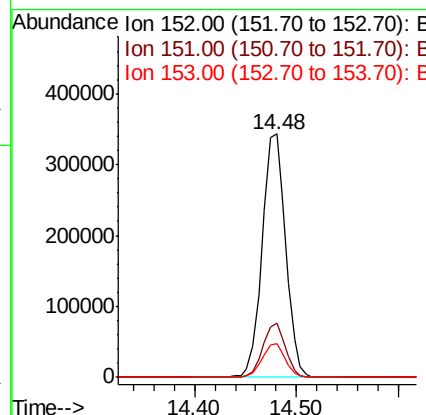
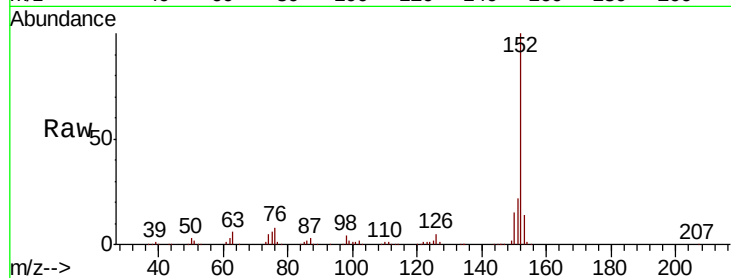
#49
Acenaphthylene
Concen: 98.980 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.0
153	14.1	11.0	16.4

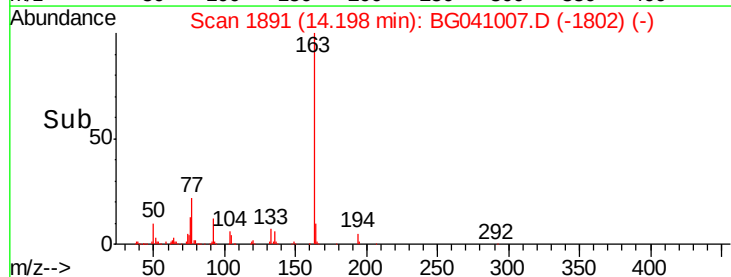
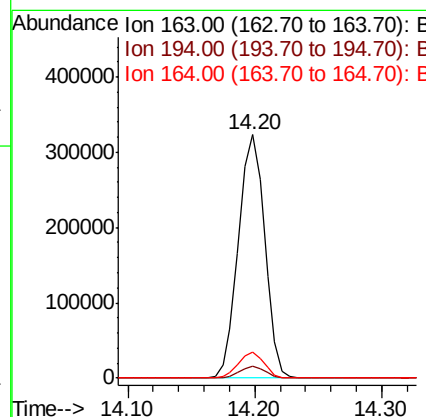
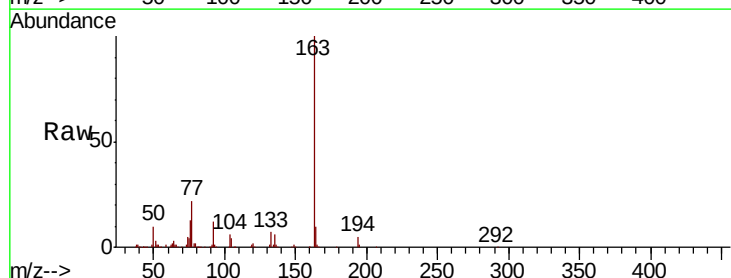
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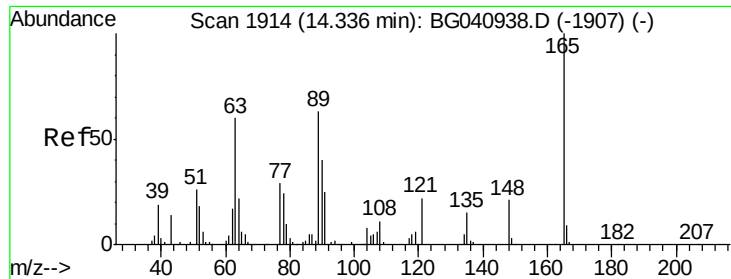
mohammad
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#50
Dimethylphthalate
Concen: 94.137 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.5	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 95.804 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

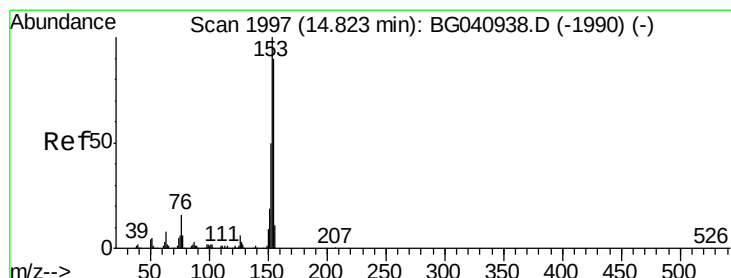
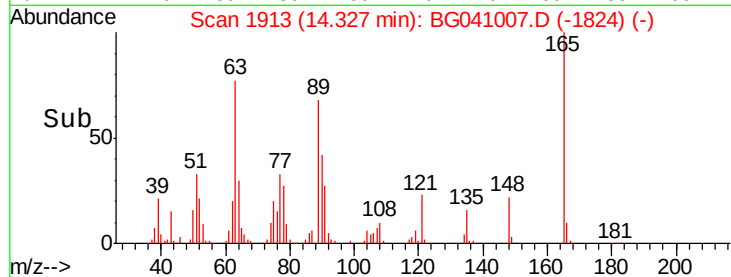
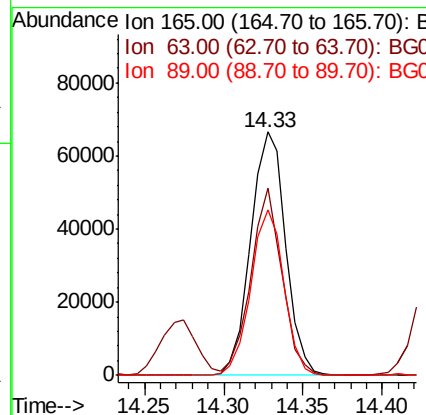
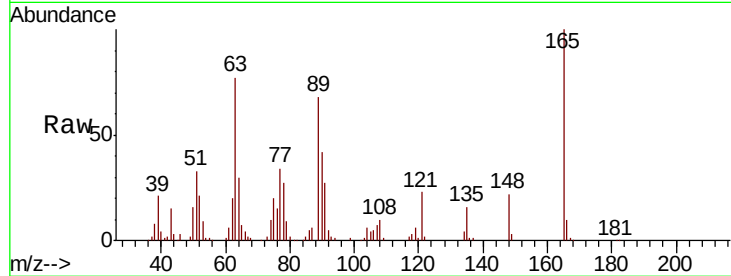
ClientSampleId :

PB120101BS

Tot Ion:	165	Resp:	101783
Ion Ratio	Lower	Upper	
165	100		
63	77.0	53.6	80.4
89	67.8	50.4	75.6

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#52

Acenaphthene

Concen: 97.070 ng

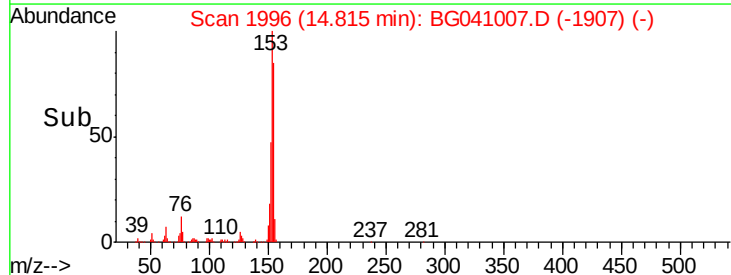
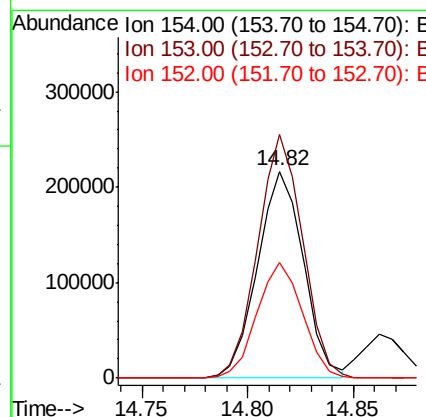
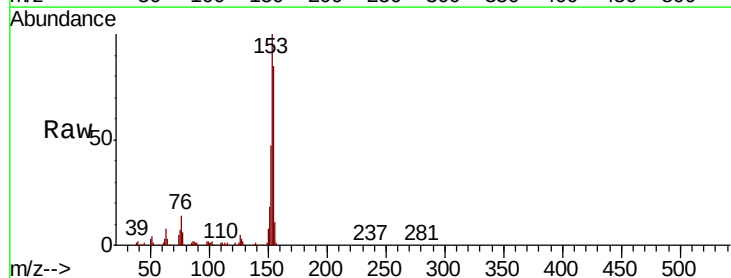
RT: 14.82 min Scan# 1996

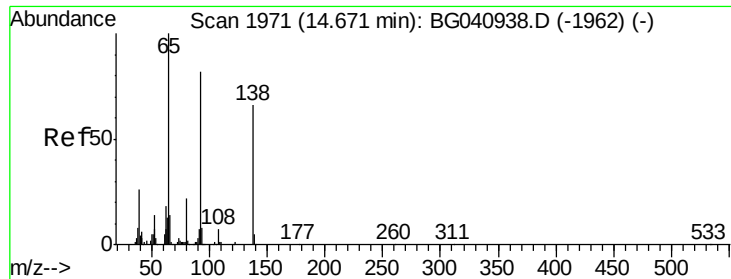
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	154	Resp:	327381
Ion Ratio	Lower	Upper	
154	100		
153	117.6	88.6	133.0
152	55.7	44.2	66.4





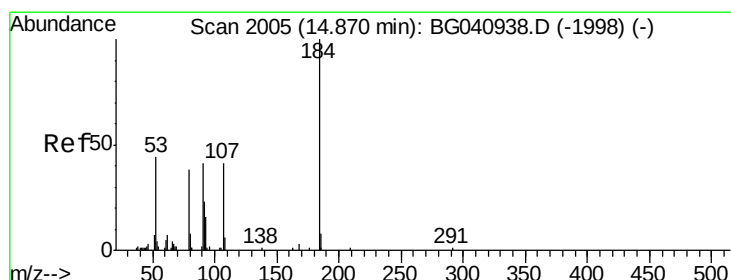
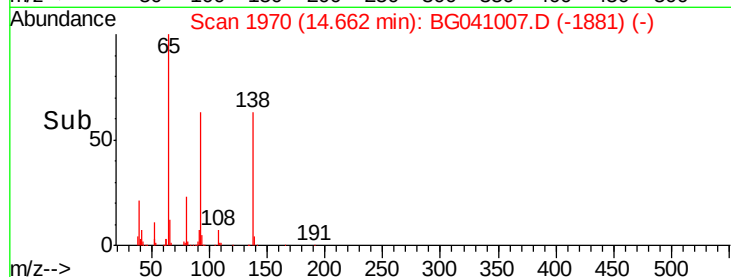
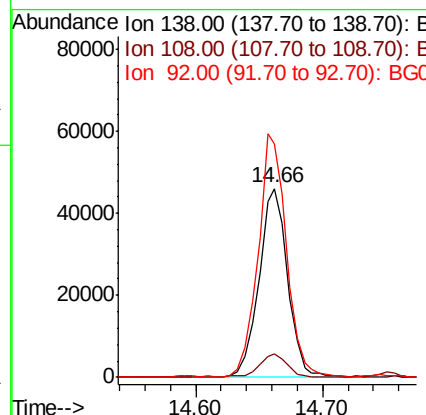
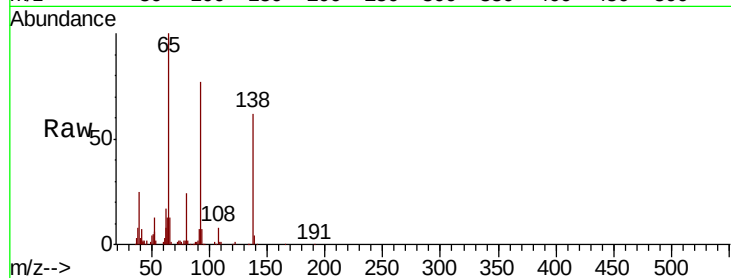
#53
 3-Nitroaniline
 Concen: 68.072 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.5	12.7
92	123.6	99.0	148.6

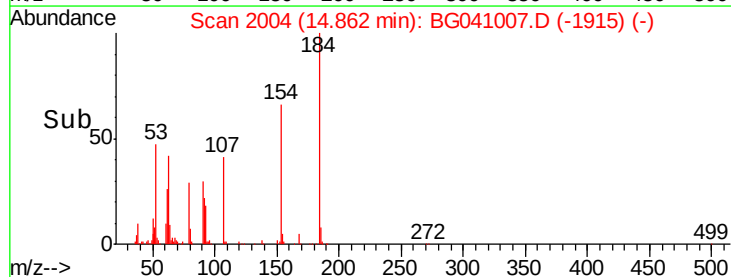
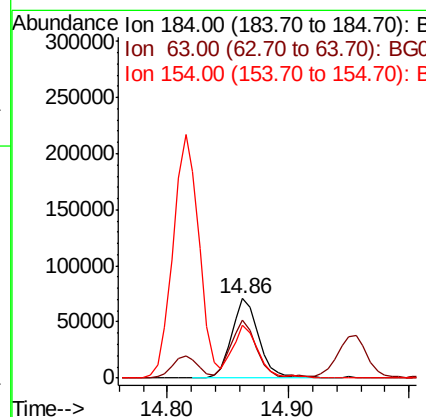
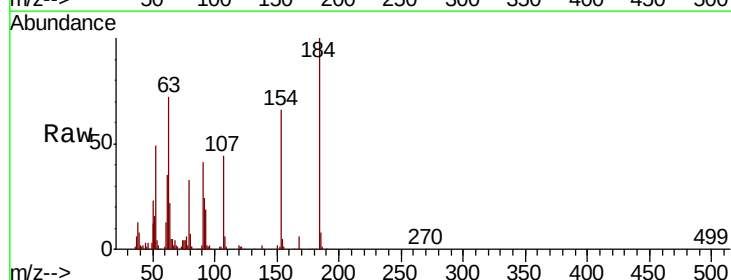
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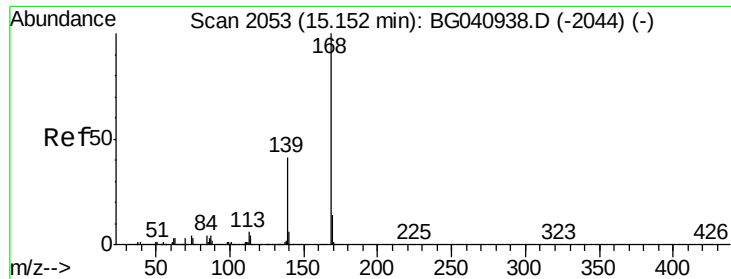
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 149.164 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.5	49.8	74.6
154	65.7	52.2	78.4





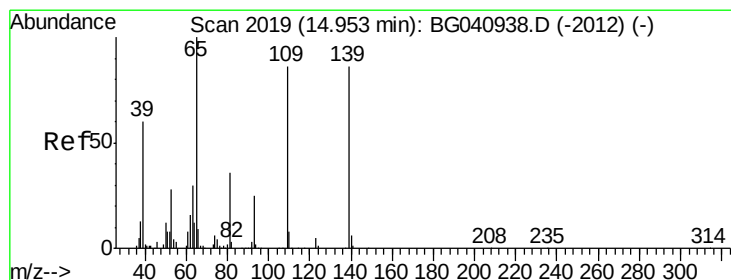
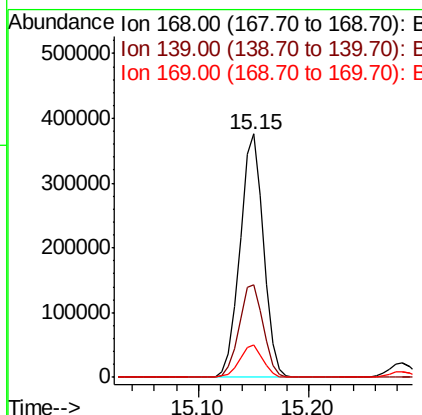
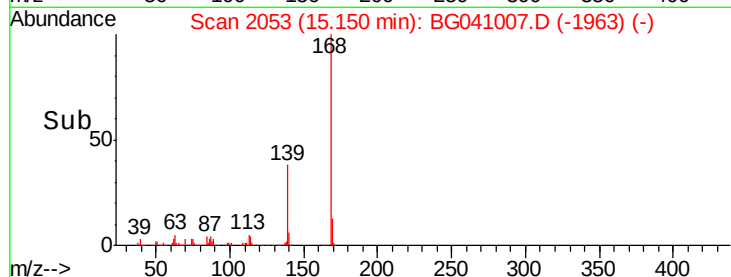
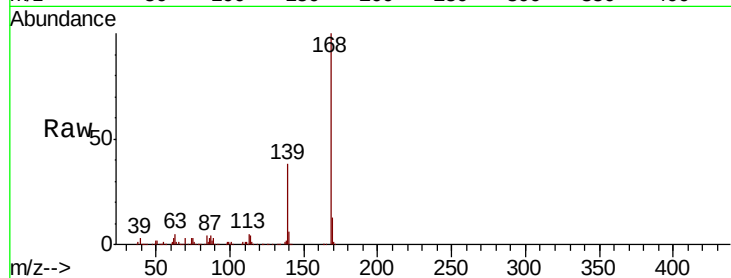
#55
Dibenzofuran
Concen: 98.429 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.8	49.2
169	13.3	11.3	16.9

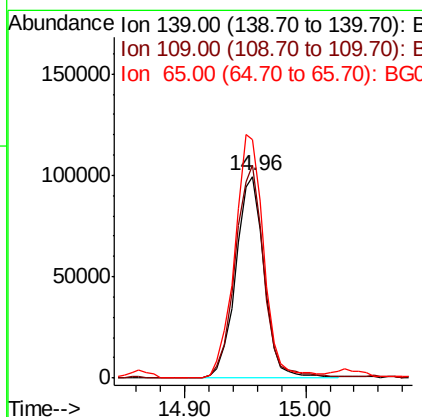
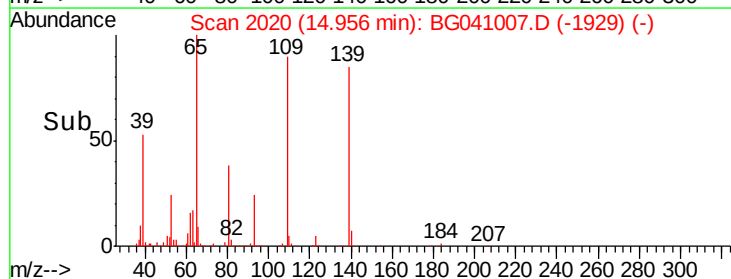
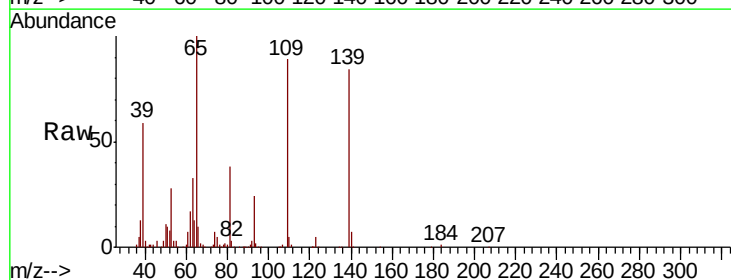
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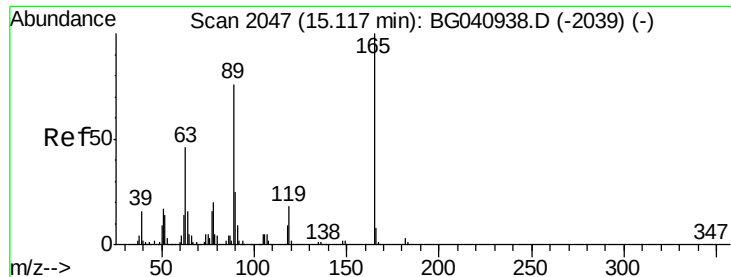
mohammad
6/3/2019 8:50:50 AM



#56
4-Nitrophenol
Concen: 224.820 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.5	79.6	119.6
65	118.6	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 100.699 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

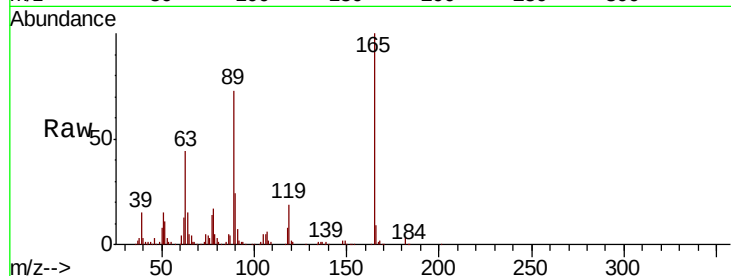
ClientSampleId :

PB120101BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151123		
63	44.5	37.3	55.9	
89	73.5	61.0	91.6	
182	3.4	2.2	3.2	

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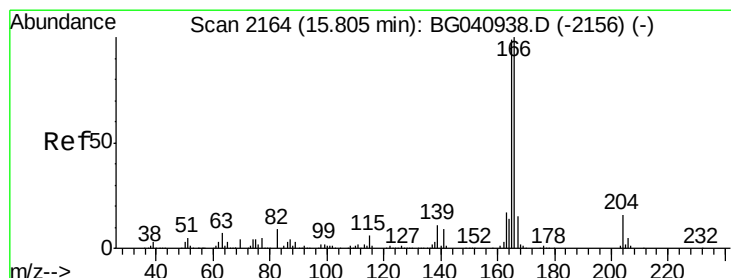
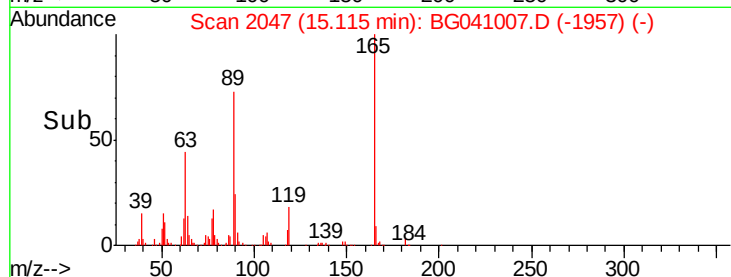
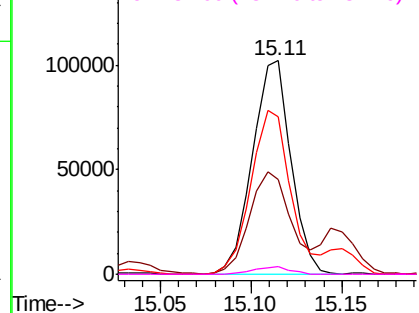
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 97.825 ng

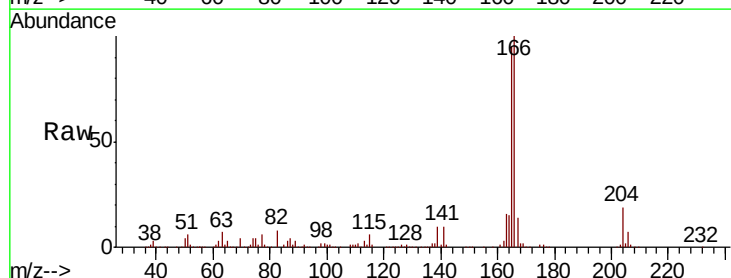
RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	442117		
165	95.5	79.2	118.8	
167	13.7	11.8	17.6	

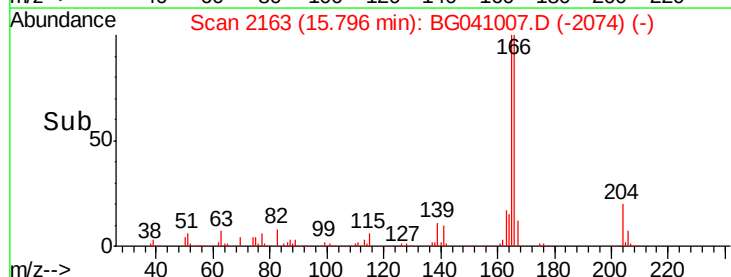
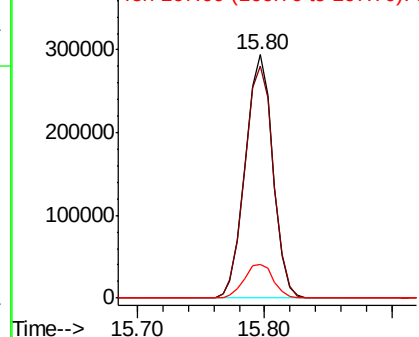


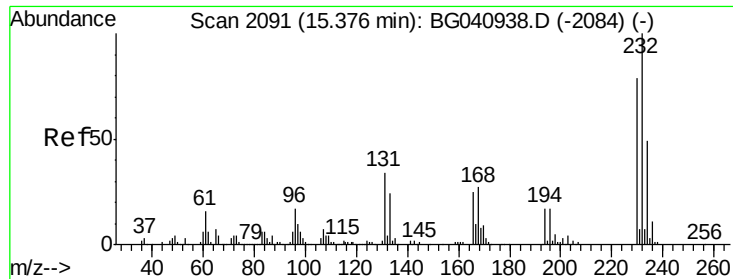
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





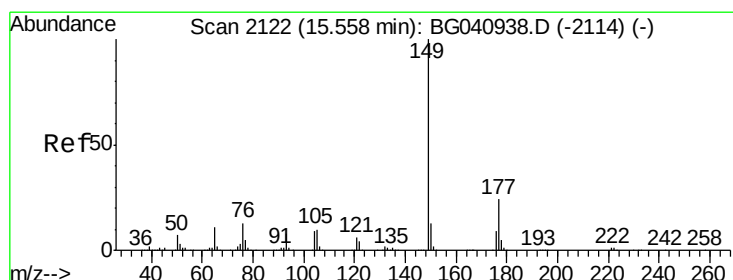
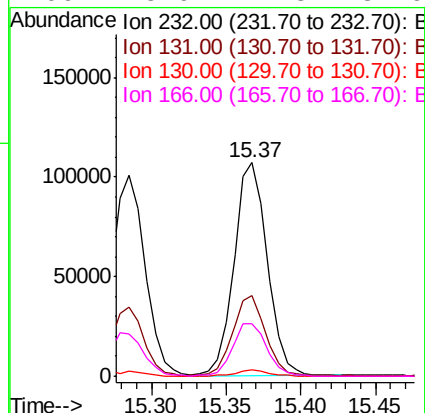
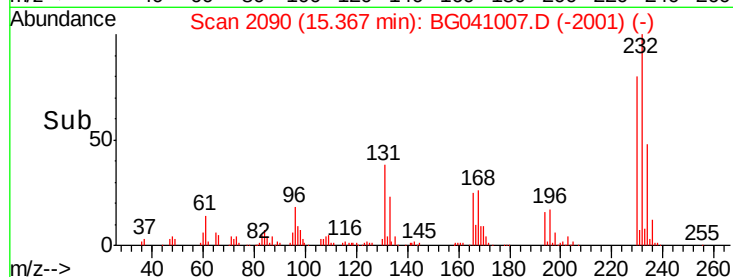
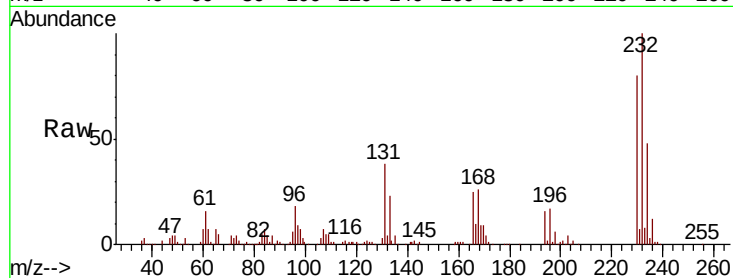
#59
2,3,4,6-Tetrachlorophenol
Concen: 105.089 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		165314		
131	38.3	30.3	45.5		
130	2.7	1.8	2.8		
166	25.9	21.3	31.9		

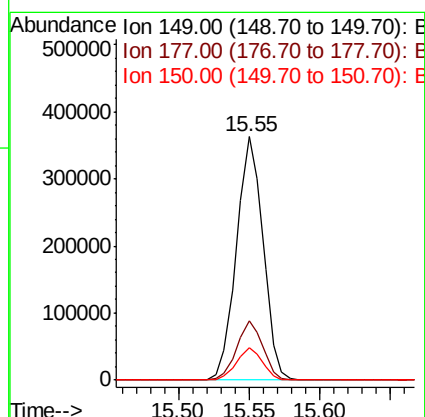
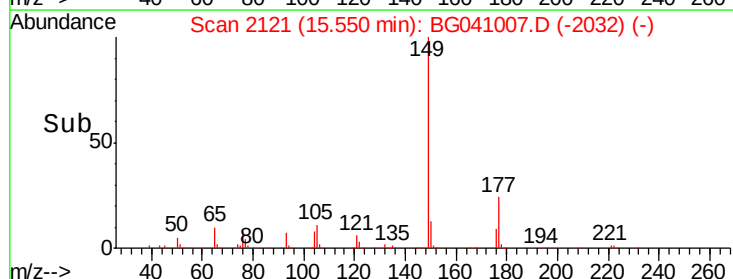
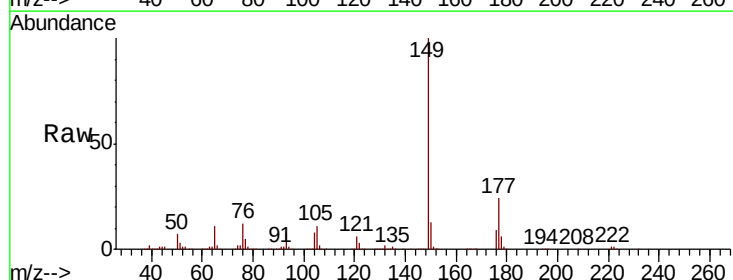
Manual Integrations
APPROVED

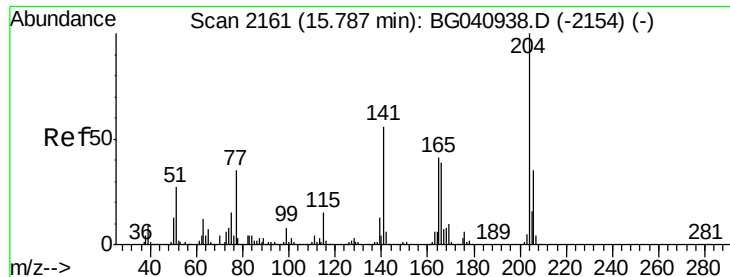
mohammad
6/3/2019 8:50:50 AM



#60
Diethylphthalate
Concen: 94.941 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		477427		
177	24.2	19.4	29.0		
150	13.4	10.3	15.5		





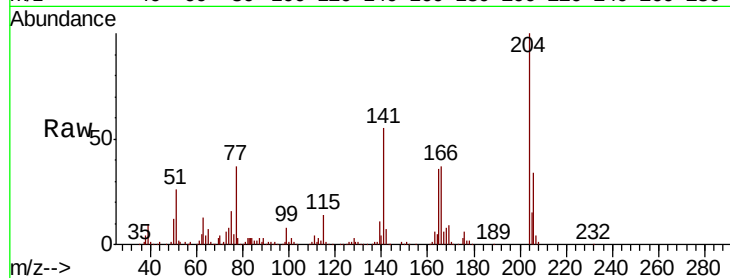
#61
4-Chlorophenyl-phenylether
Concen: 94.291 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampled :
PB120101BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.6	41.4
141	55.1	45.1	67.7

Manual Integrations
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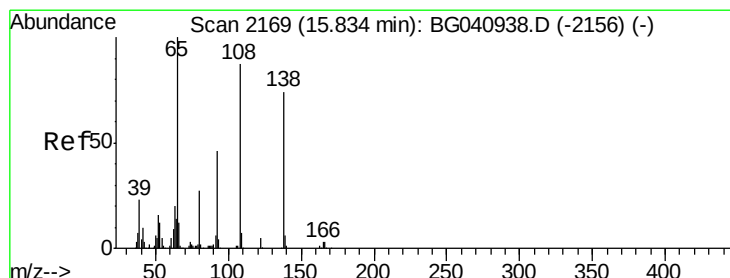
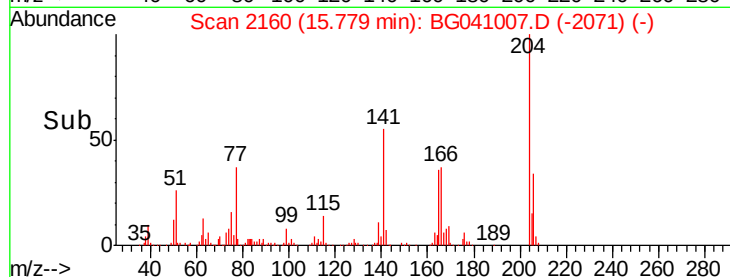
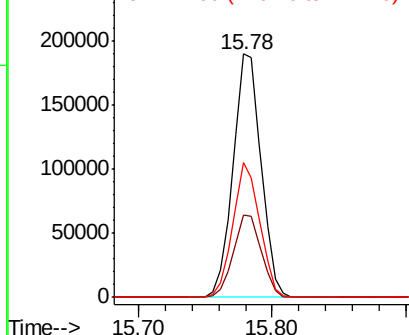


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 92.776 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

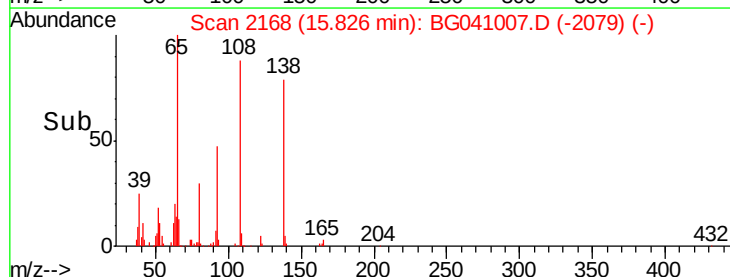
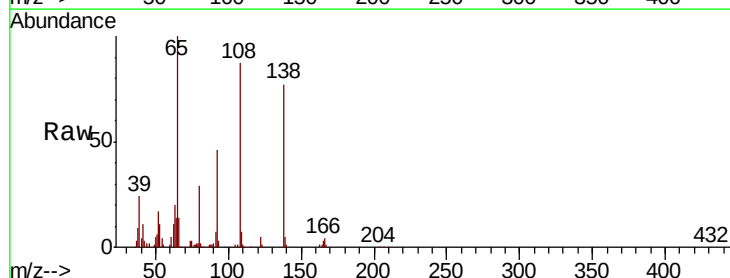
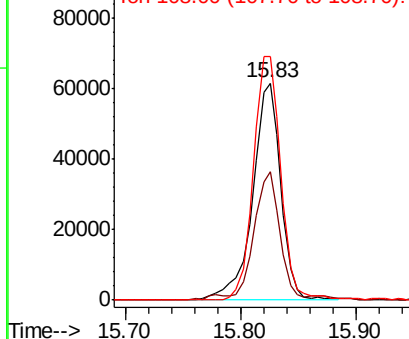
Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	42.4	82.4
108	112.1	96.9	136.9

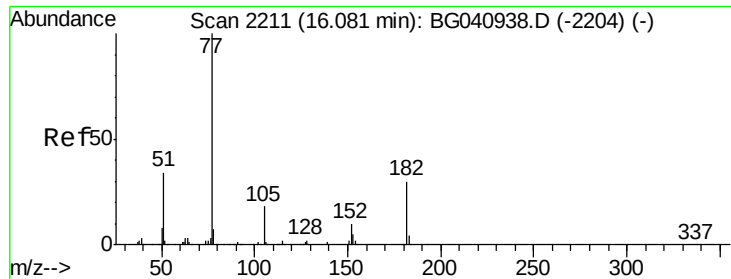
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





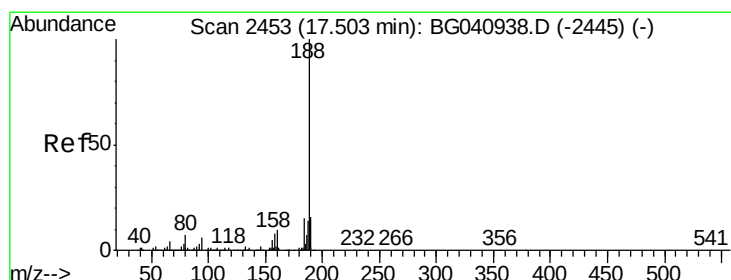
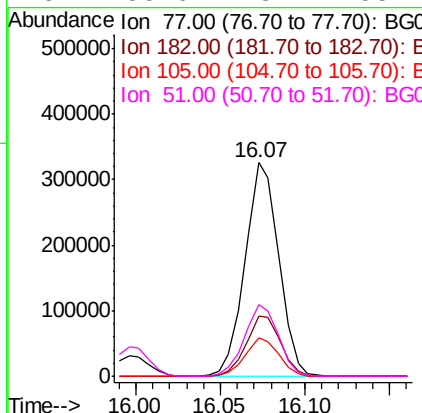
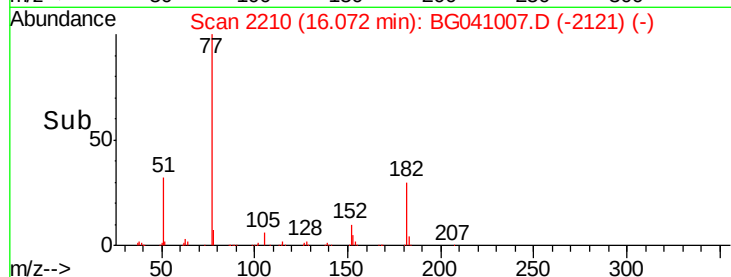
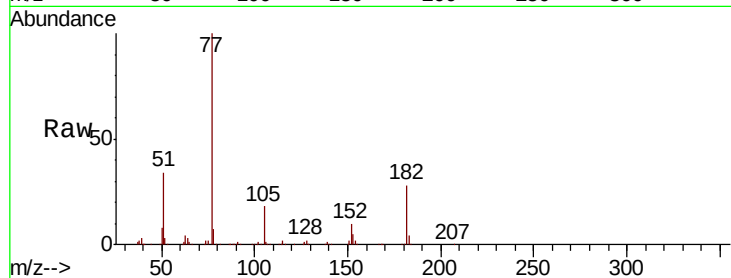
#63
Azobenzene
Concen: 98.973 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.0		9.6	49.6	
105	17.9		0.0	37.5	
51	33.6		13.7	53.7	

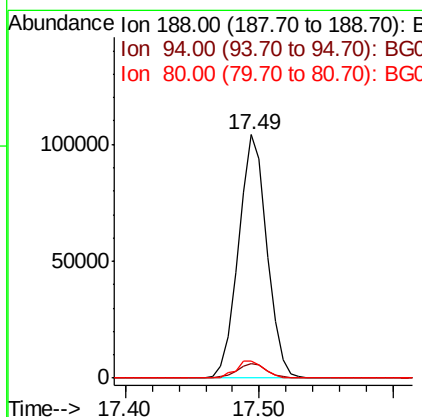
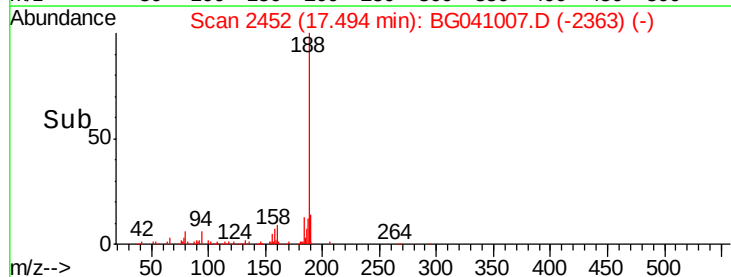
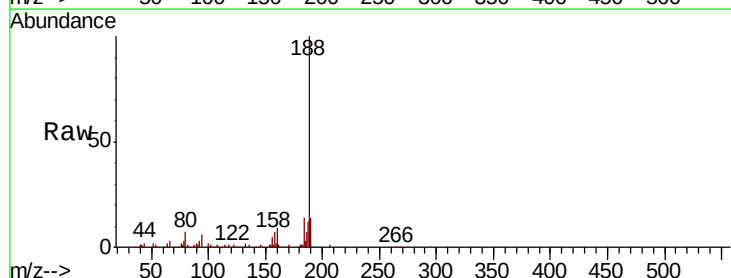
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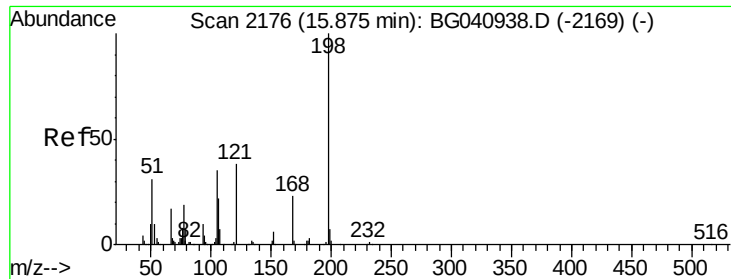
mohammad
6/3/2019 8:50:50 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.1		4.7	7.1	
80	6.8		5.8	8.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 90.927 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:198 Resp: 82006

Ion Ratio Lower Upper

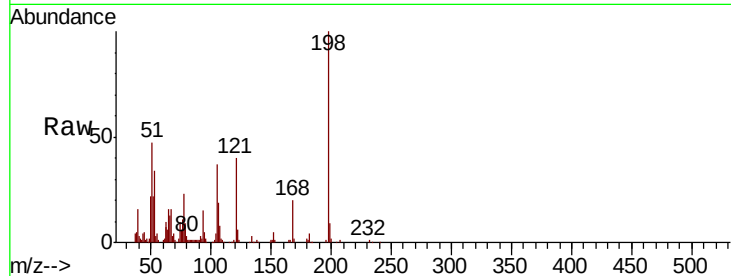
198 100

51 47.0 21.6 61.6

105 36.9 17.5 57.5

Manual Integrations
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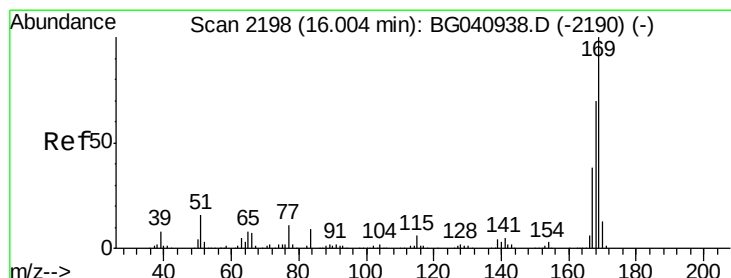
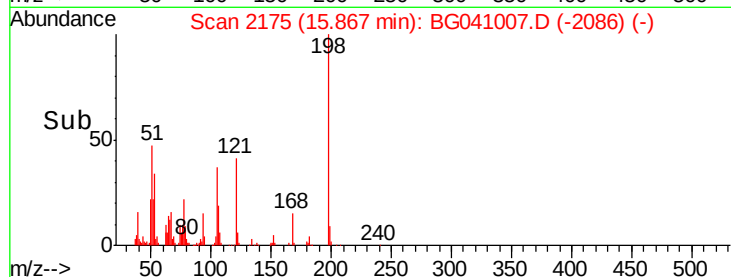
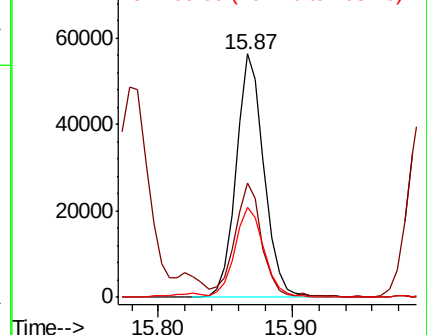
mohammad
6/3/2019 8:50:50 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 94.236 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

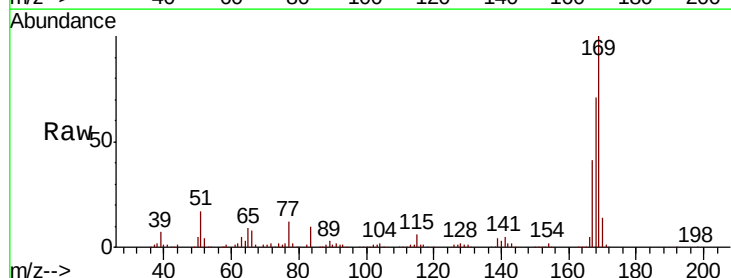
Tgt Ion:169 Resp: 404259

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

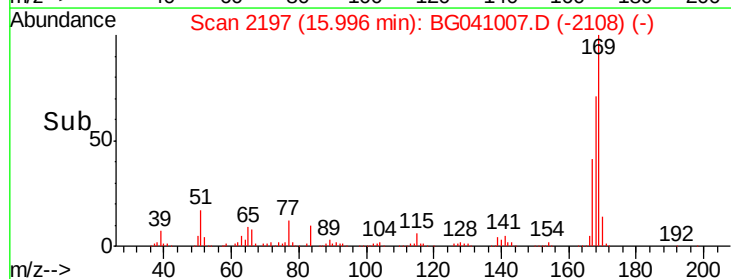
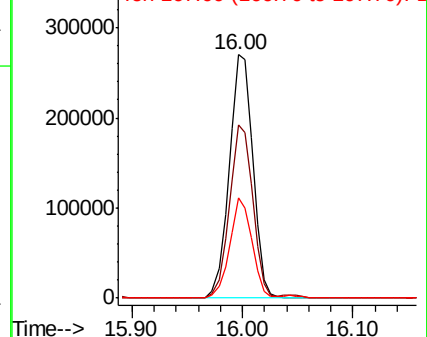
167 40.9 30.2 45.2

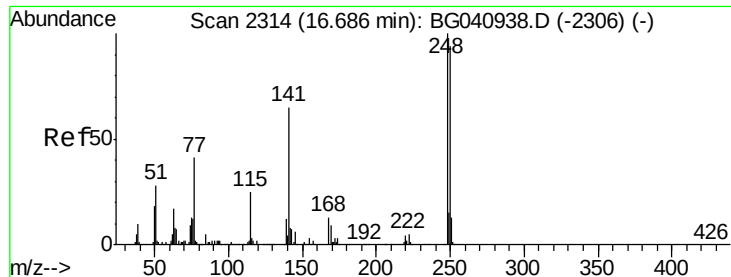


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 88.505 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

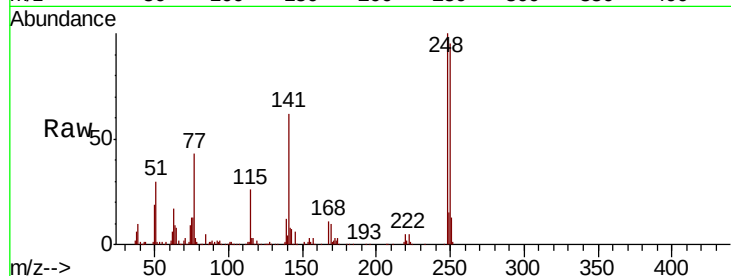
ClientSampleId :

PB120101BS

Tot Ion:	248	Resp:	182271
Ion Ratio	Lower	Upper	
248	100		
250	94.6	75.0	112.4
141	62.4	52.4	78.6

Manual Integrations
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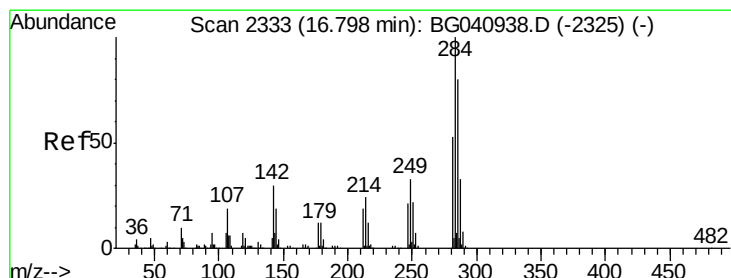
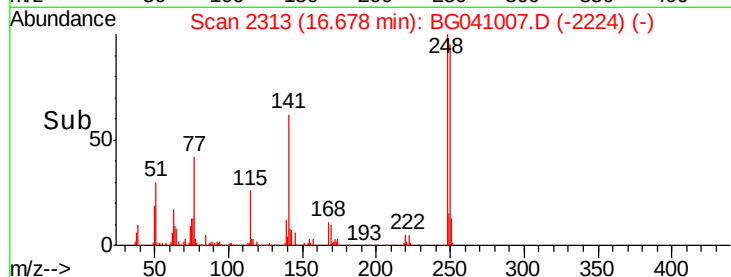
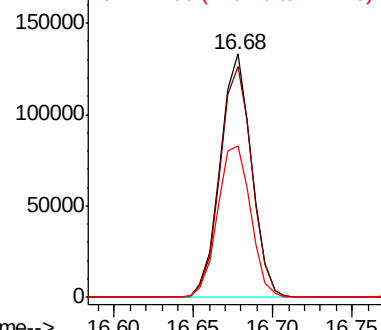


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 87.657 ng

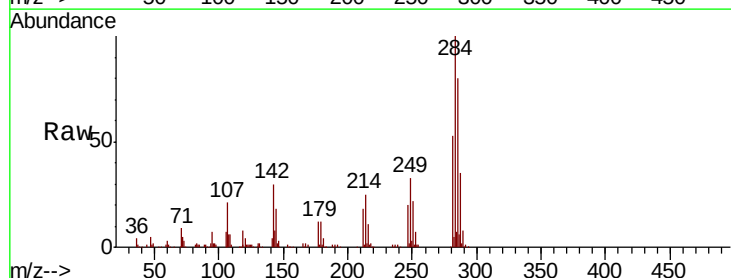
RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	284	Resp:	192230
Ion Ratio	Lower	Upper	
284	100		
142	30.1	23.9	35.9
249	33.5	26.8	40.2

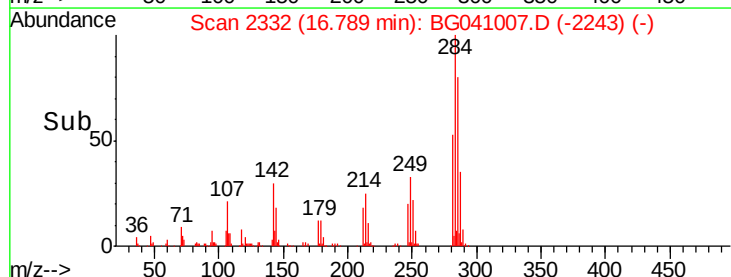
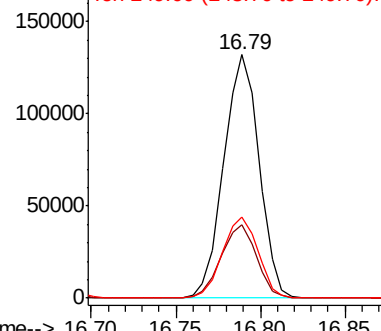


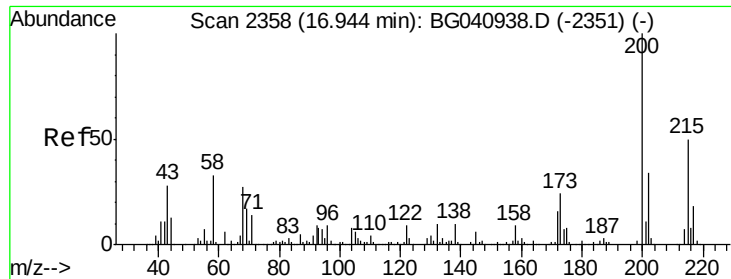
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





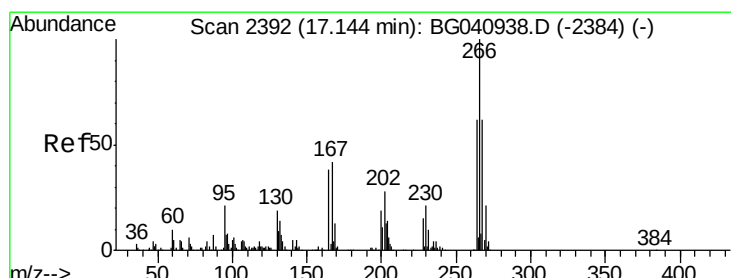
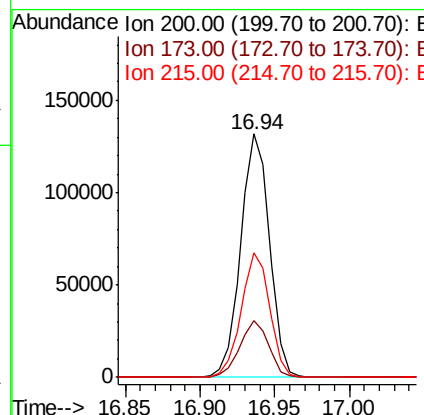
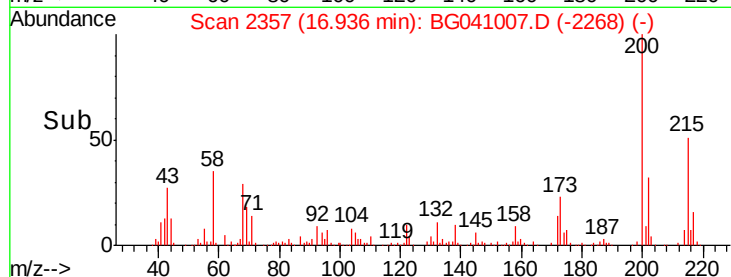
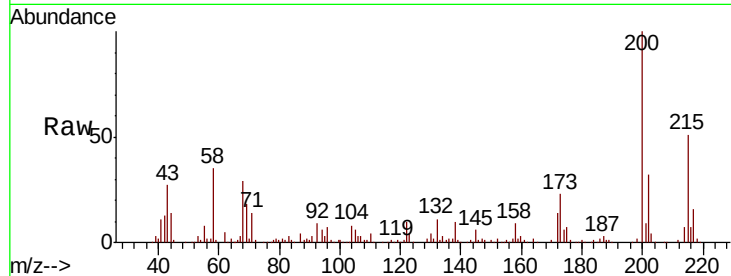
#69
Atrazine
Concen: 106.661 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	3.6	43.6
215	51.1	29.6	69.6

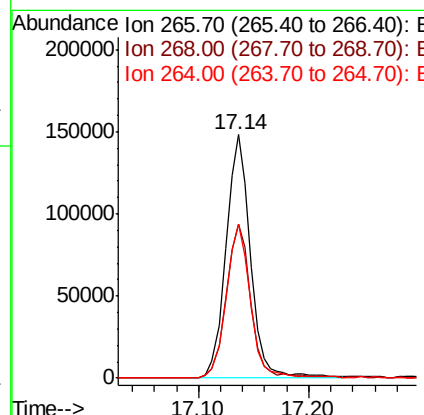
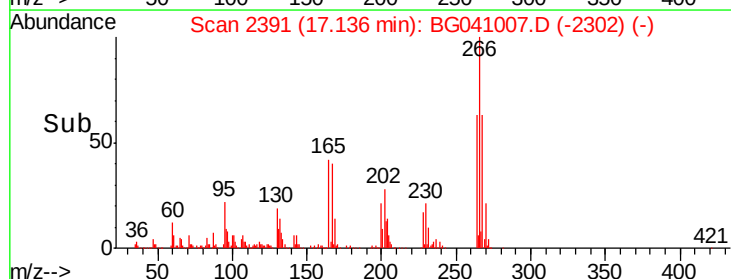
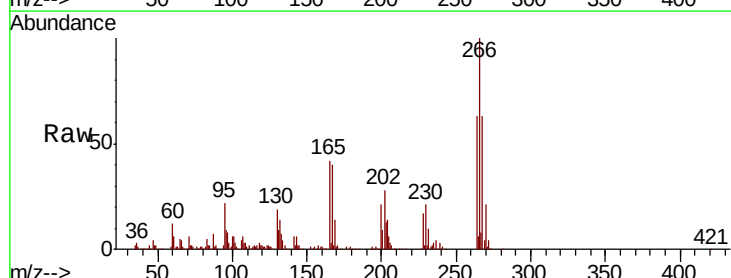
Manual Integrations
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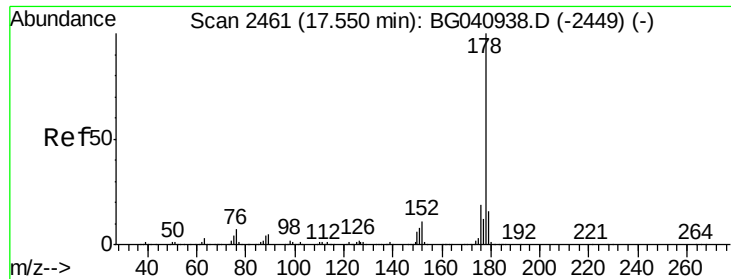
mohammad
6/3/2019 8:50:50 AM



#70
Pentachlorophenol
Concen: 188.960 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	53.1	79.7
264	63.1	49.9	74.9





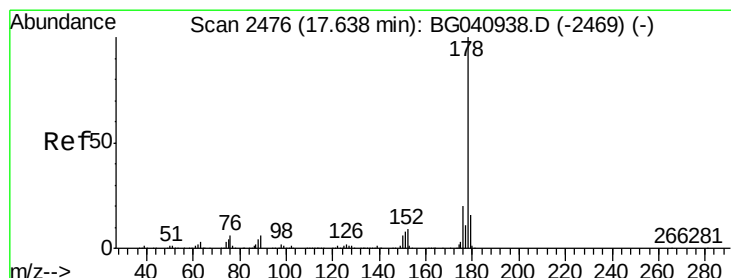
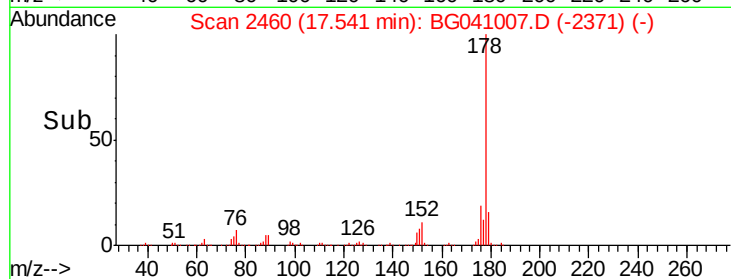
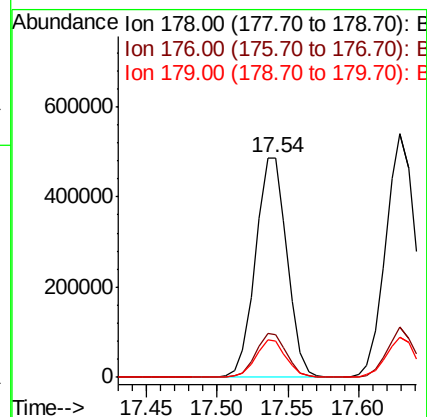
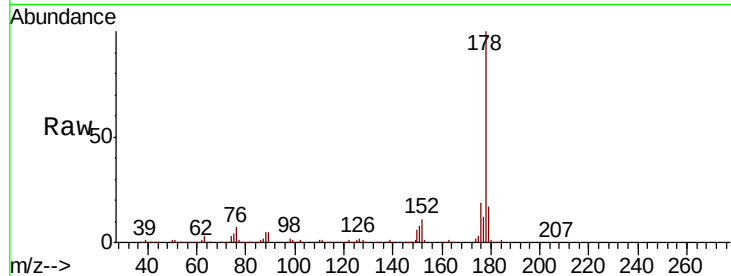
#71
Phenanthrene
Concen: 96.175 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.5	12.7	19.1

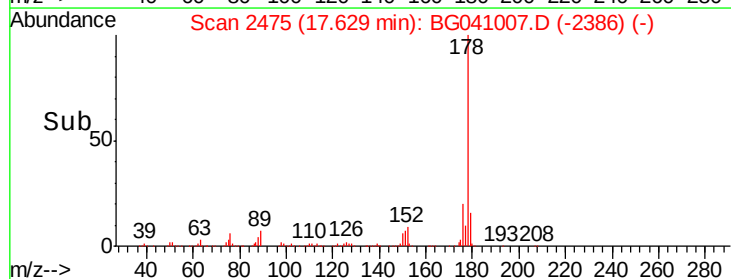
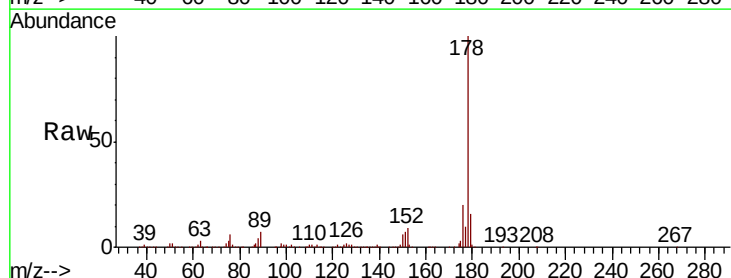
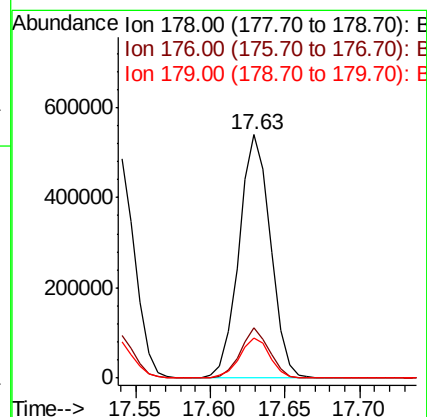
Manual Integrations
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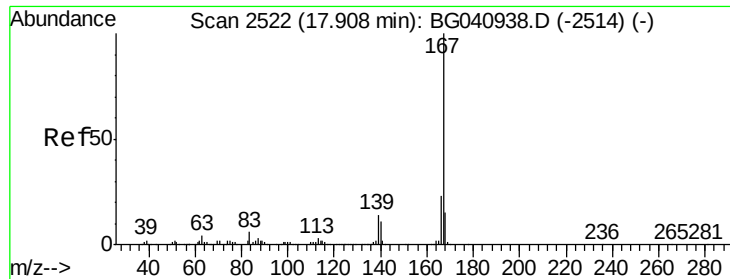
mohammad
6/3/2019 8:50:50 AM



#72
Anthracene
Concen: 100.891 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	16.3	13.0	19.4





#73

Carbazole

Concen: 100.986 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

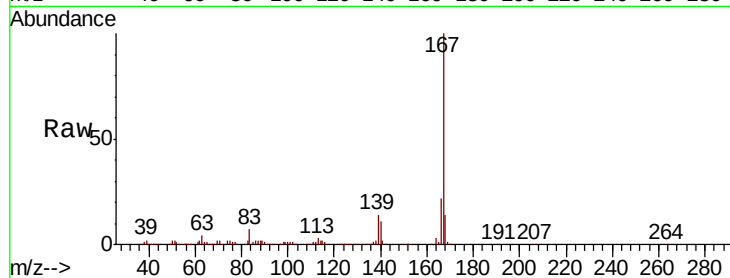
ClientSampleId :

PB120101BS

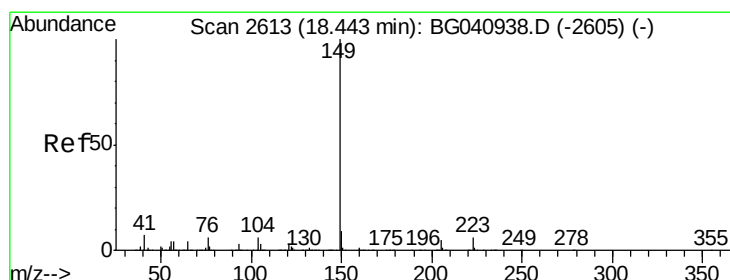
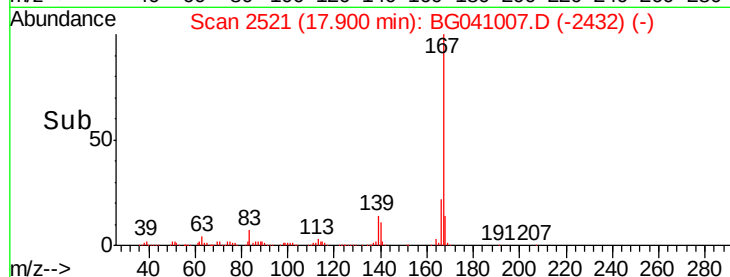
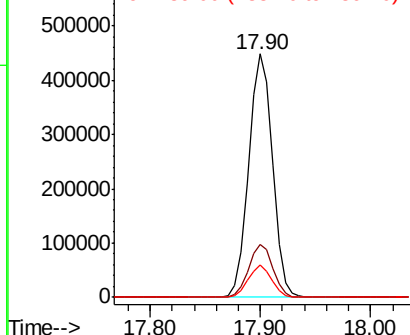
Tot Ion:	167	Resp:	679316
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.2	27.4
139	13.5	10.8	16.2

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 95.383 ng

RT: 18.43 min Scan# 2612

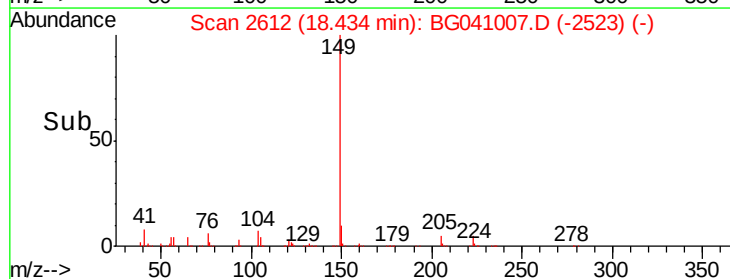
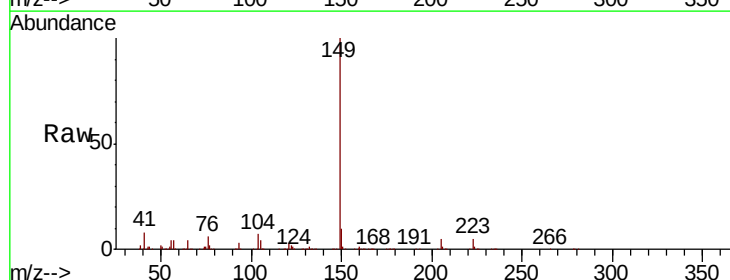
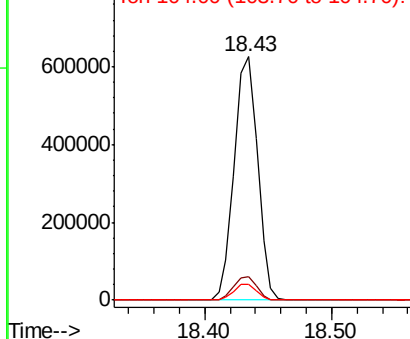
Delta R.T. -0.01 min

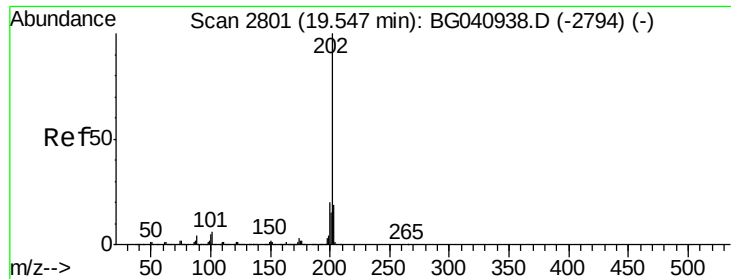
Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	149	Resp:	797460
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.2
104	6.6	5.0	7.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





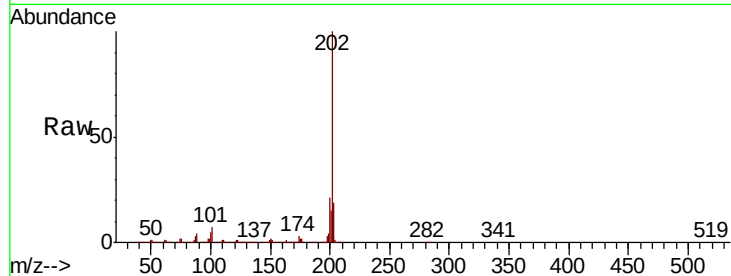
#75
Fluoranthene
Concen: 102.333 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.2
203	18.9	0.0	38.7

Manual Integrations
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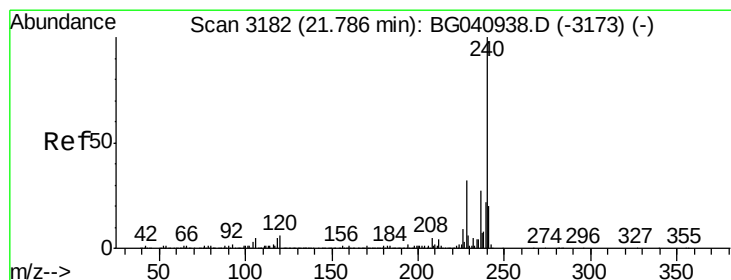
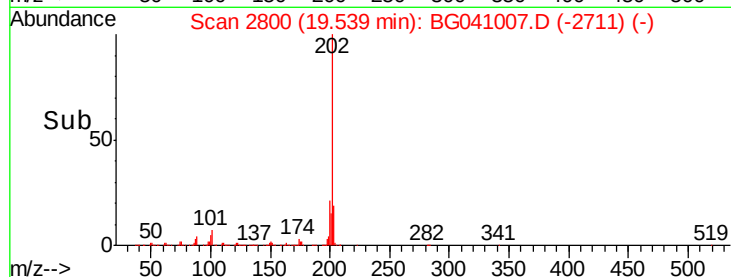
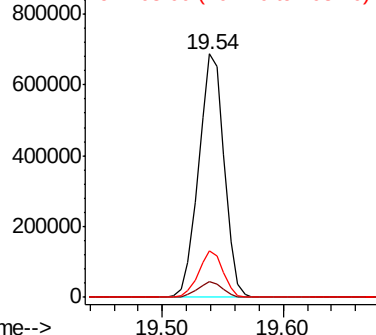


Abundance

Ion 202.00 (201.70 to 202.70): E

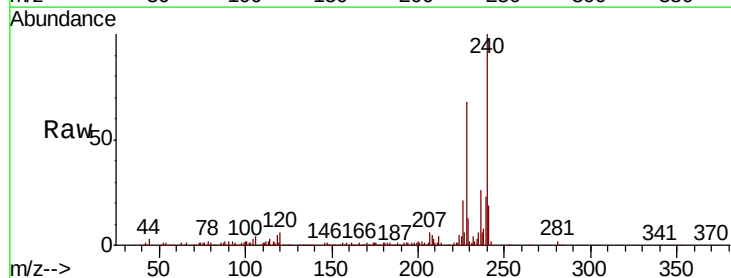
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.5	6.7
236	25.6	21.3	31.9

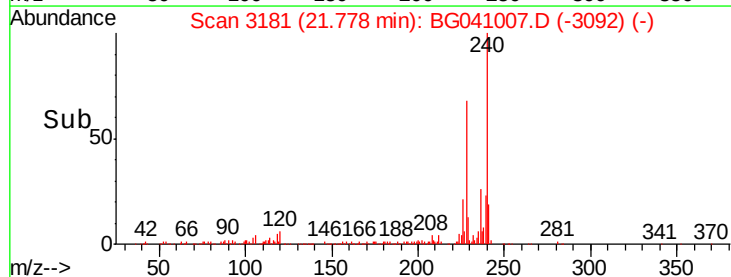
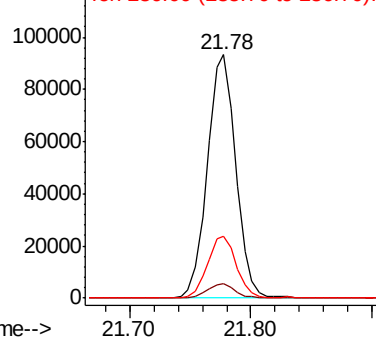


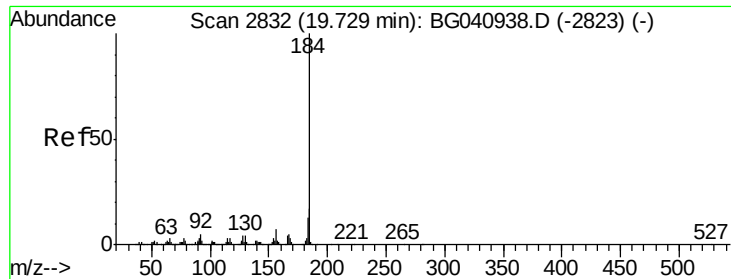
Abundance

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





#77

Benzidine

Concen: 97.556 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

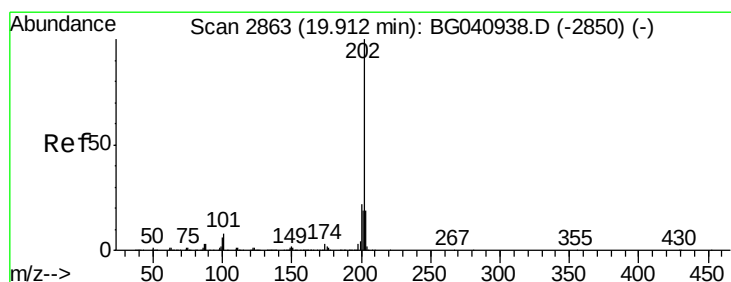
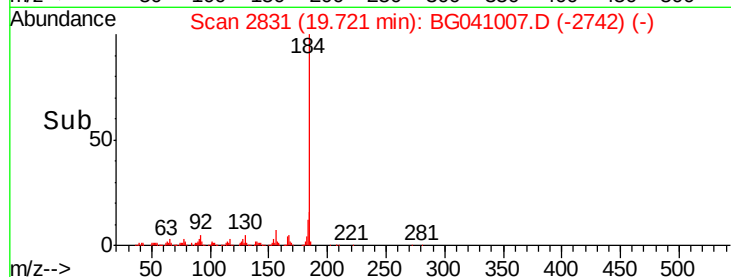
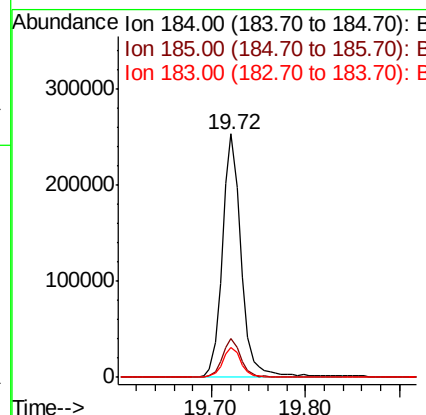
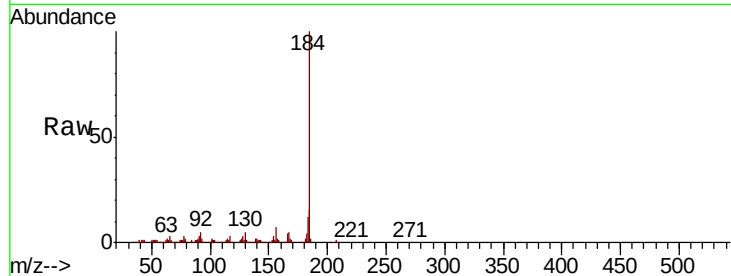
ClientSampleId :

PB120101BS

Tot Ion:	184	Resp:	356302
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.3	19.9
183	12.2	10.7	16.1

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#78

Pyrene

Concen: 100.587 ng

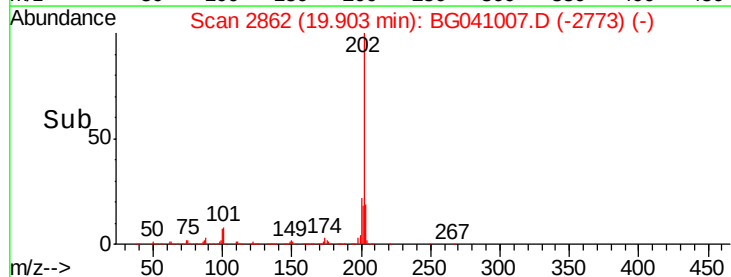
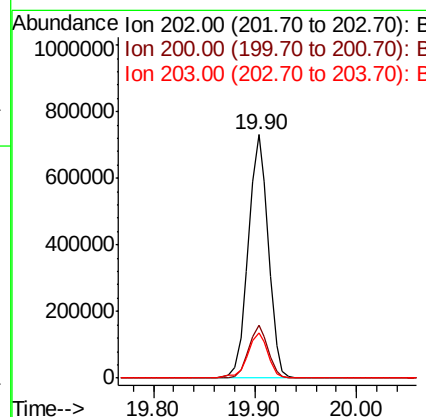
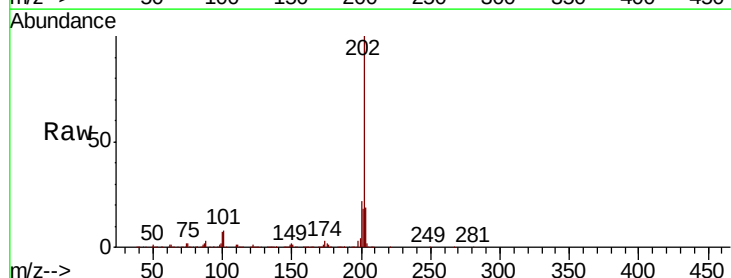
RT: 19.90 min Scan# 2862

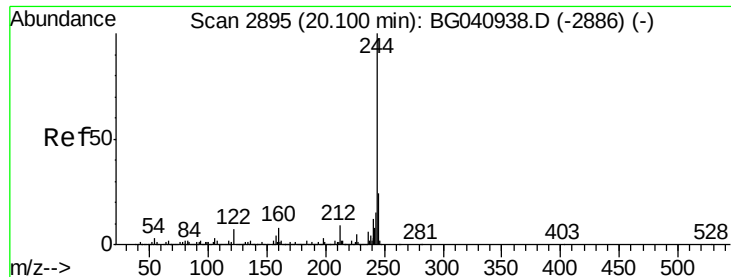
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	202	Resp:	1001098
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.5	26.3
203	18.7	15.6	23.4





#79

Terphenyl-d14

Concen: 107.220 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

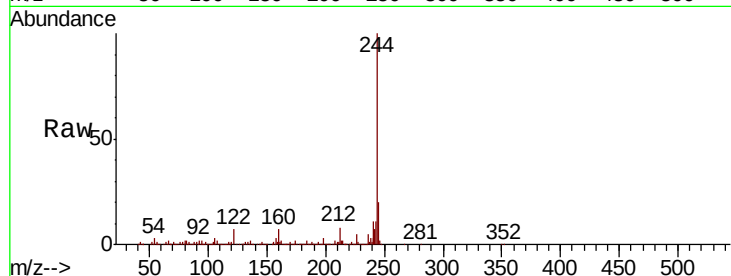
ClientSampleId :

PB120101BS

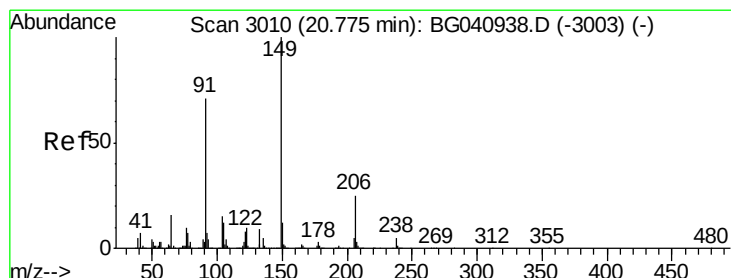
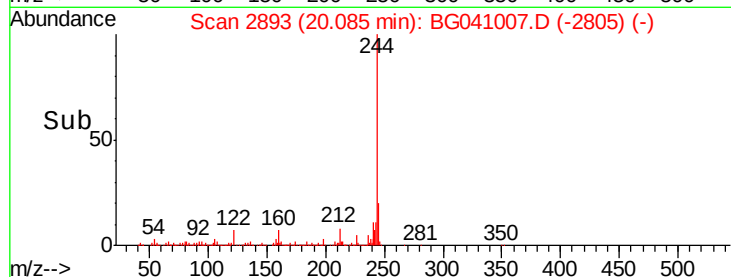
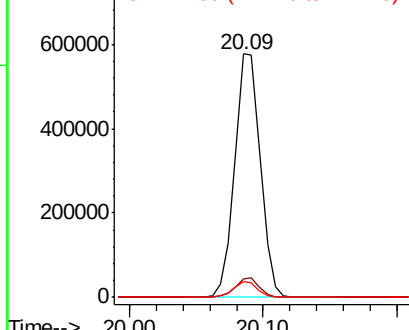
Tot Ion:	244	Resp:	773463
Ion Ratio	Lower	Upper	
244	100		
212	7.7	7.0	10.4
122	6.6	5.4	8.0

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



#80

Butylbenzylphthalate

Concen: 98.081 ng

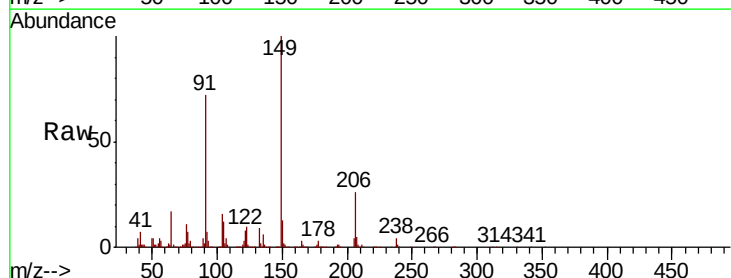
RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

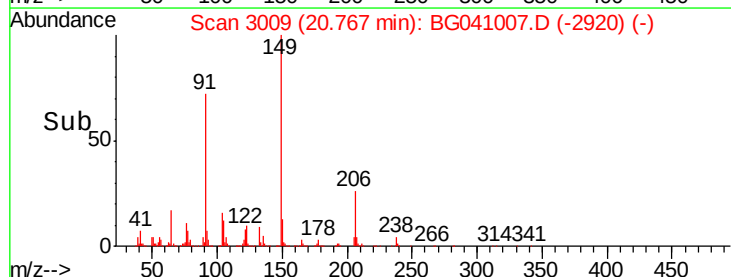
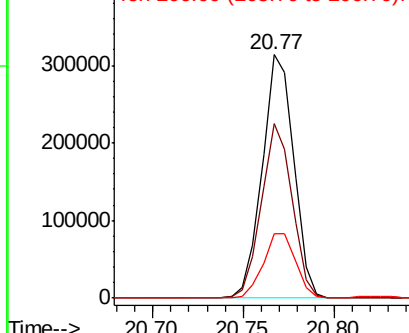
Lab File: BG041007.D

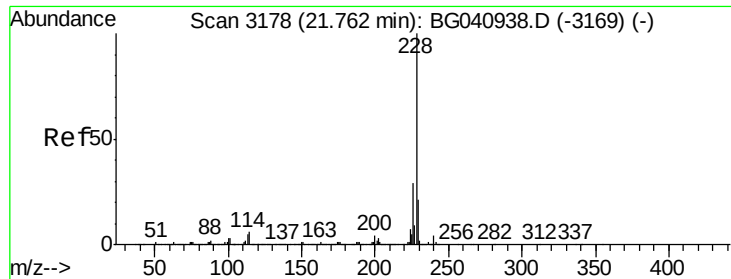
Acq: 1 Jun 2019 11:43

Tgt Ion:	149	Resp:	379878
Ion Ratio	Lower	Upper	
149	100		
91	71.6	56.5	84.7
206	26.5	20.3	30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 94.975 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

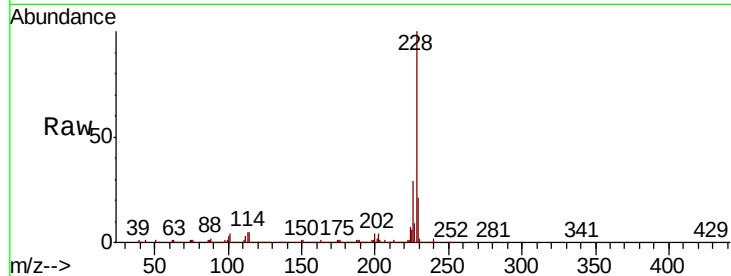
ClientSampleId :

PB120101BS

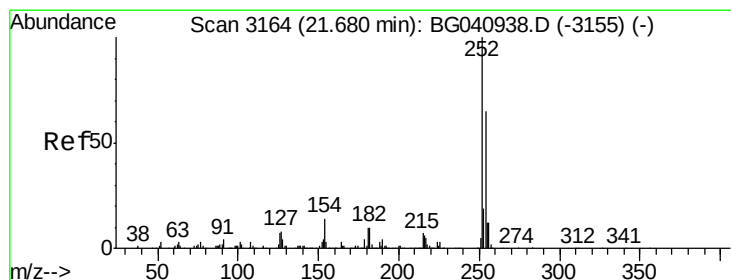
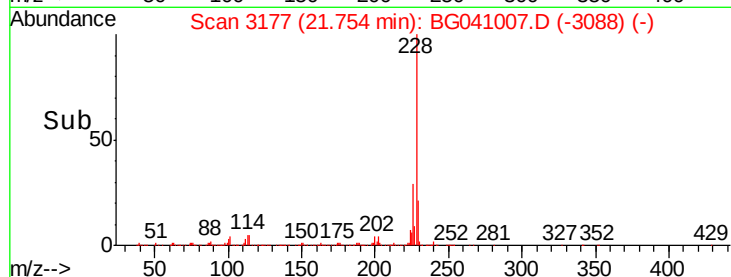
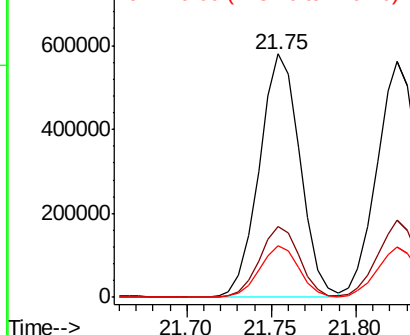
Tot Ion:	228	Resp:	967928
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.5	35.3
229	21.1	16.7	25.1

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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



#82

3,3'-Dichlorobenzidine

Concen: 67.476 ng

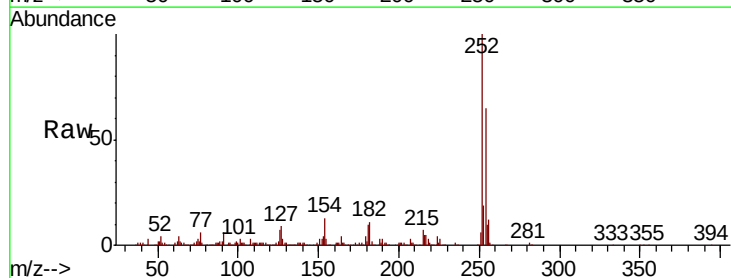
RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

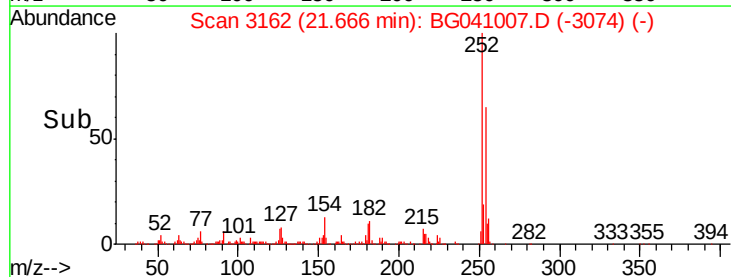
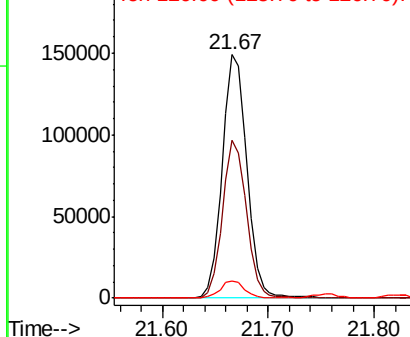
Lab File: BG041007.D

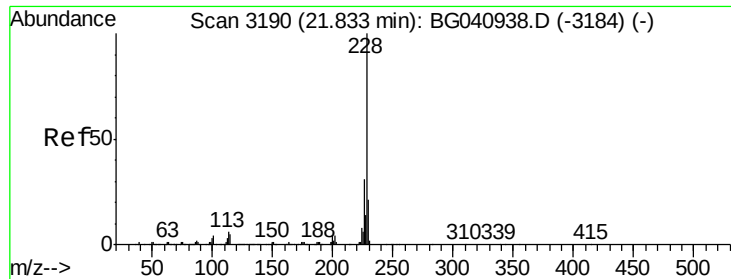
Acq: 1 Jun 2019 11:43

Tgt Ion:	252	Resp:	241869
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.1	78.1
126	7.2	5.5	8.3



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





#83

Chrysene

Concen: 97.941 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

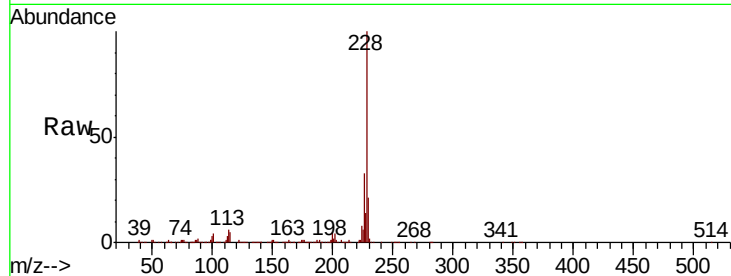
ClientSampleId :

PB120101BS

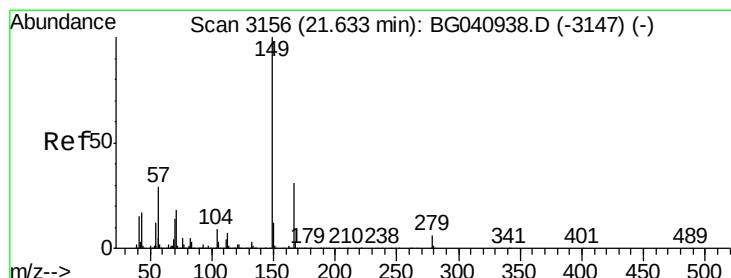
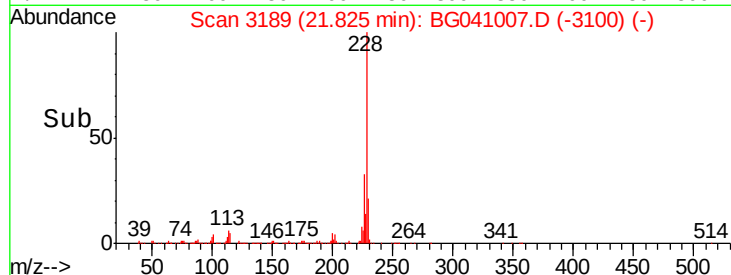
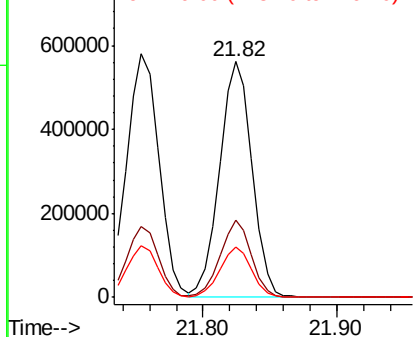
Tot Ion:	228	Resp:	955195
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.6	37.0
229	21.3	16.6	24.8

Manual Integrations
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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 94.405 ng

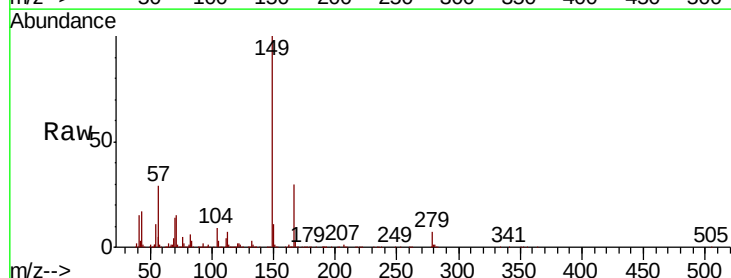
RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

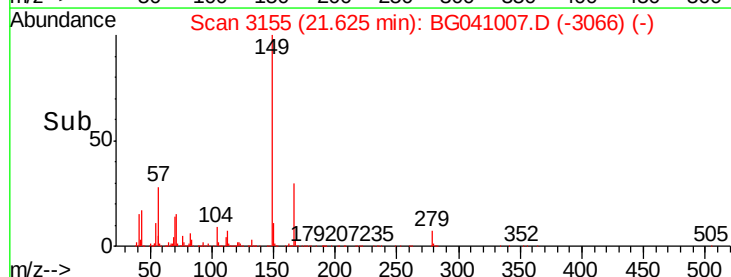
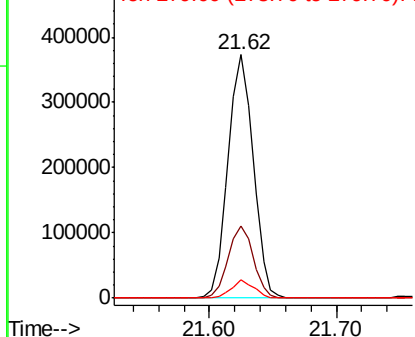
Lab File: BG041007.D

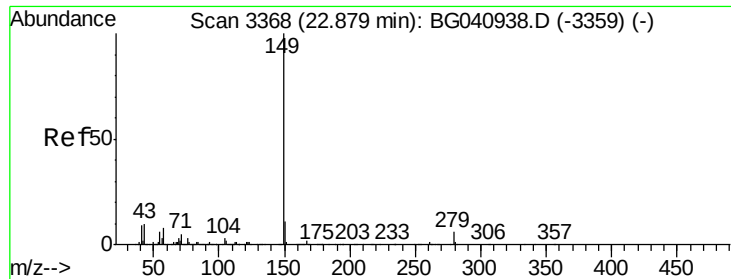
Acq: 1 Jun 2019 11:43

Tgt Ion:	149	Resp:	514718
Ion Ratio	Lower	Upper	
149	100		
167	29.7	24.6	37.0
279	7.3	5.0	7.6



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





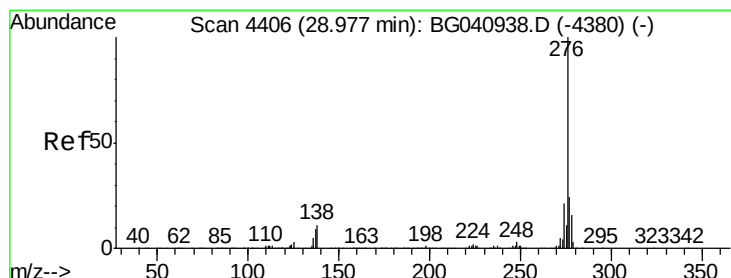
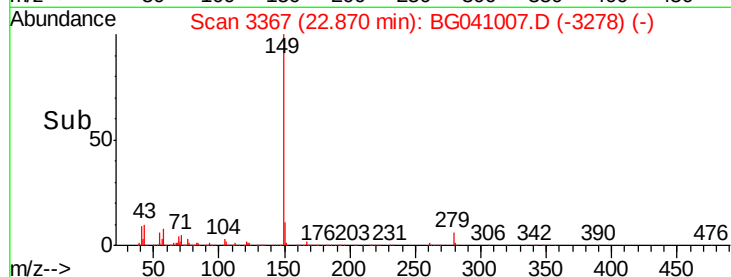
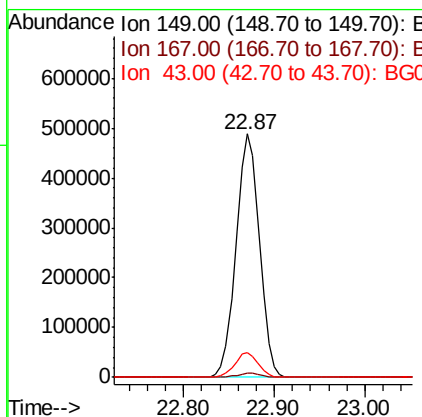
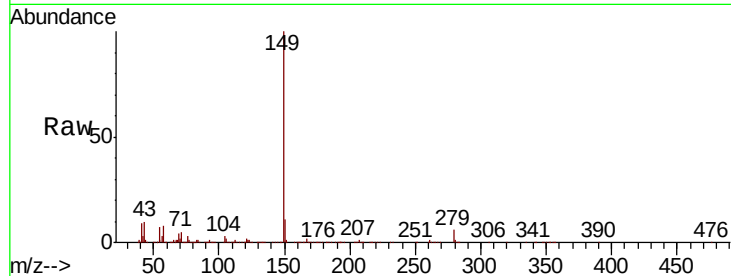
#85
Di-n-octyl phthalate
Concen: 96.648 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.1	12.1

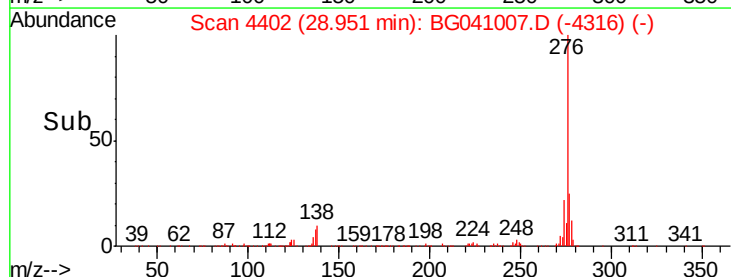
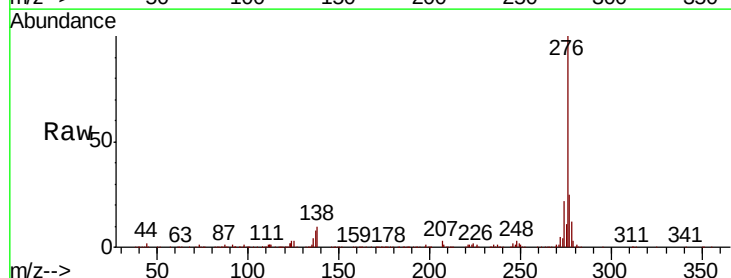
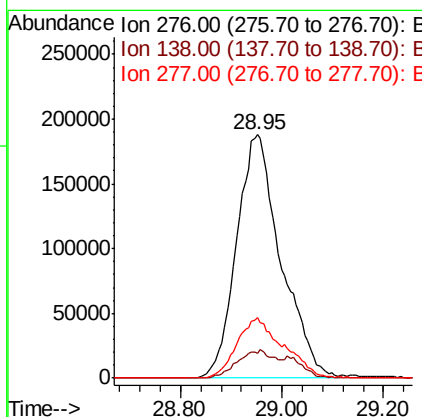
Manual Integrations
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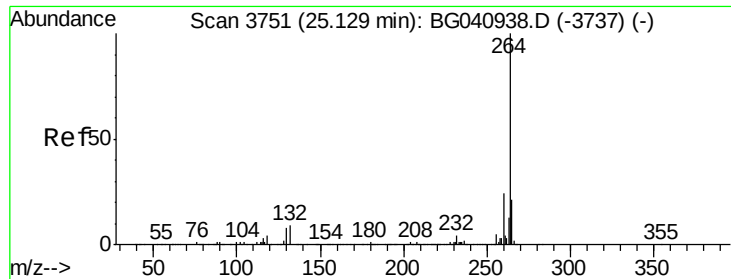
mohammad
6/3/2019 8:50:50 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 95.285 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.03 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	5.7	8.5#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

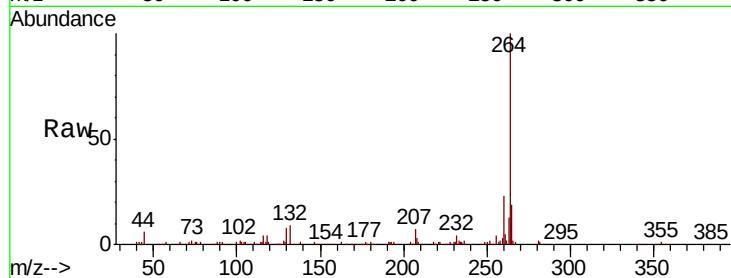
ClientSampleId :

PB120101BS

Tot Ion:	264	Resp:	160088
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.0	28.4
265	18.8	17.0	25.4

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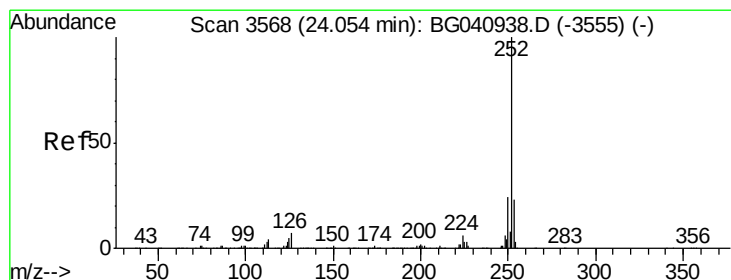
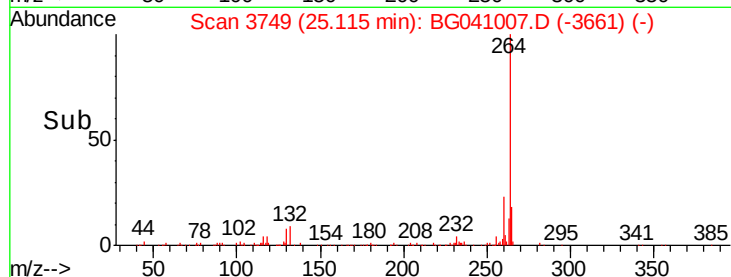
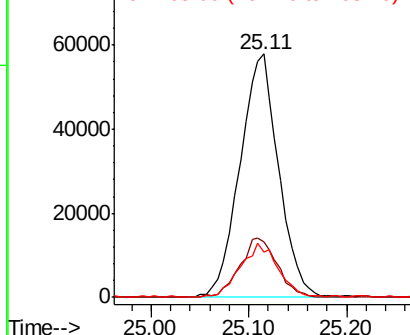


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 101.893 ng

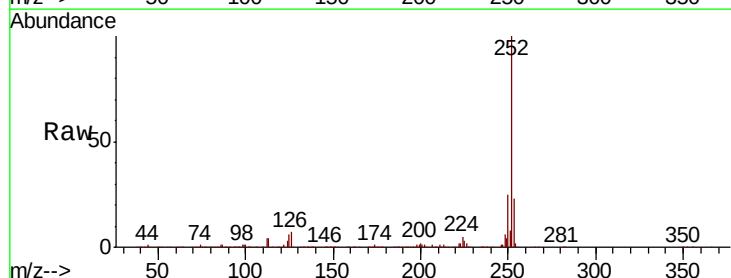
RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:	252	Resp:	989367
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	5.6	4.3	6.5

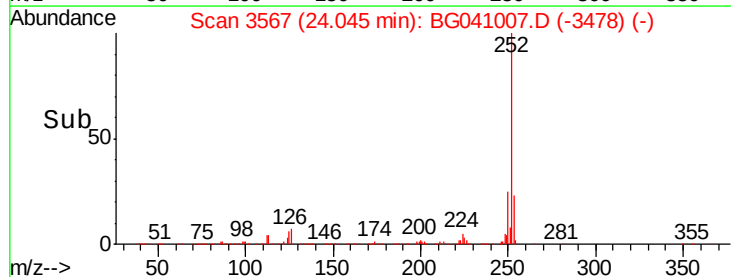
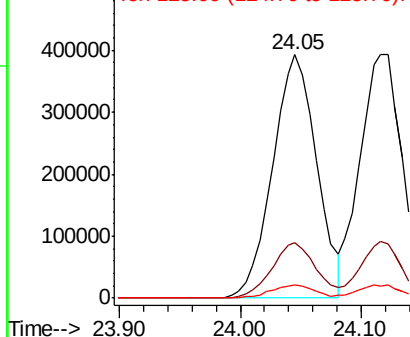


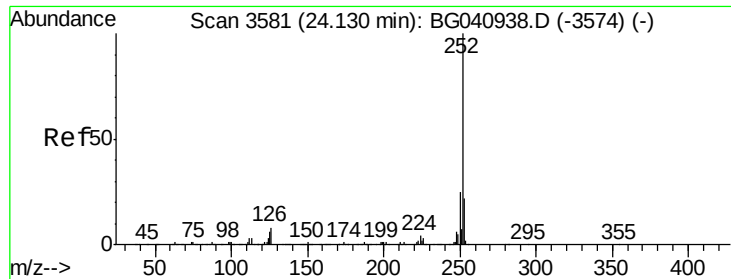
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 98.927 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

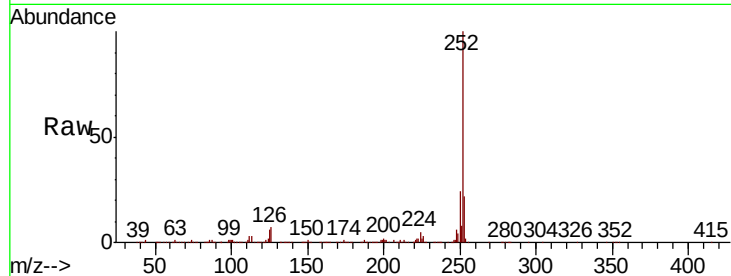
ClientSampled :

PB120101BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	950551		
253	22.4	17.8	26.6	
125	5.5	4.7	7.1	

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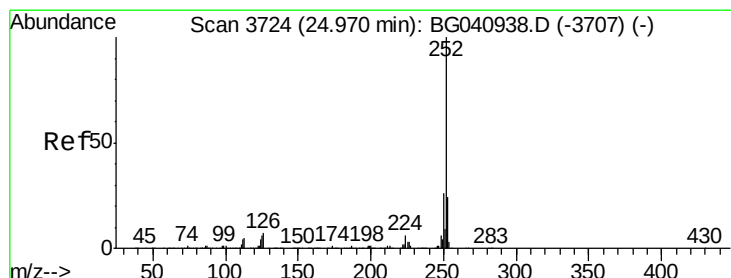
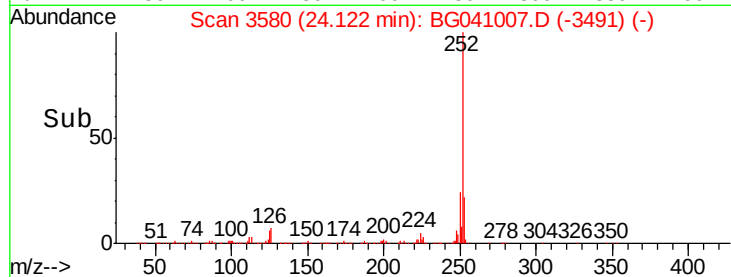
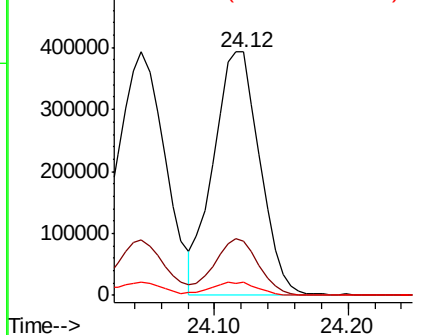


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 103.215 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

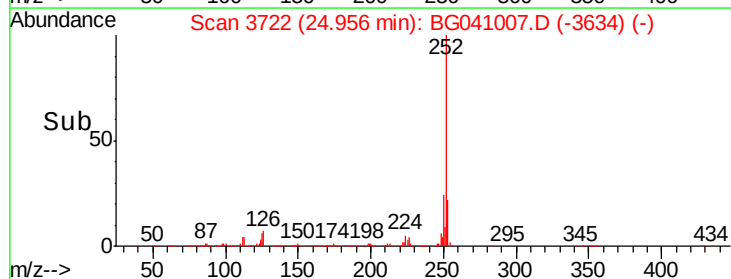
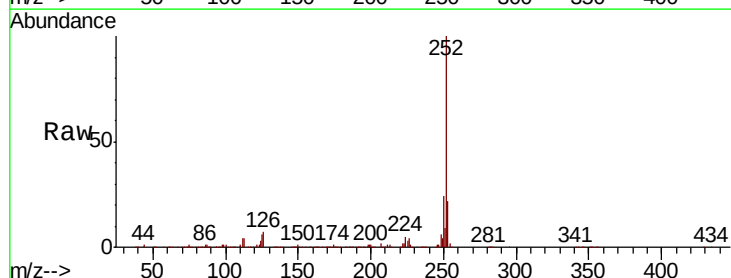
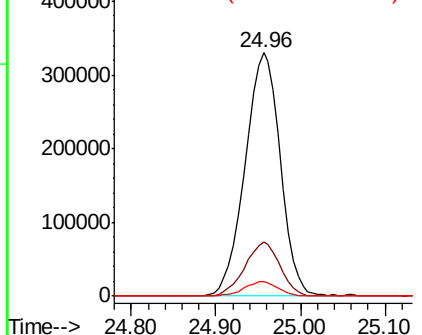
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	956176		
253	22.4	19.5	29.3	
125	6.2	5.1	7.7	

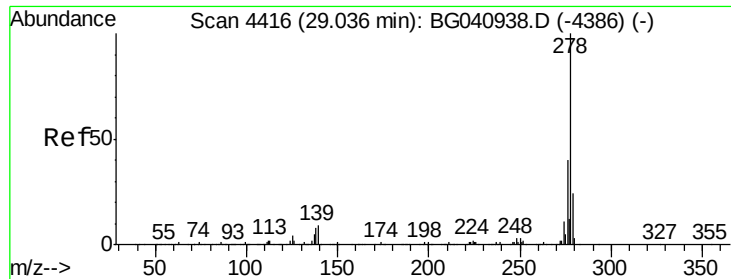
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





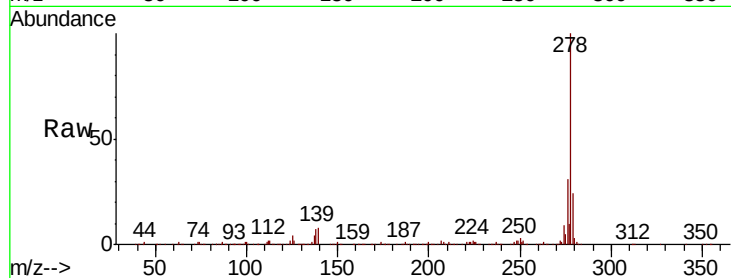
#91
Dibenzo(a,h)anthracene
Concen: 100.862 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.1	10.7
279	24.1	19.4	29.2

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mohammad
6/3/2019 8:50:50 AM

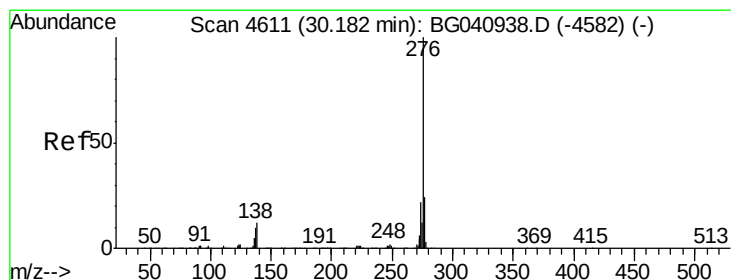
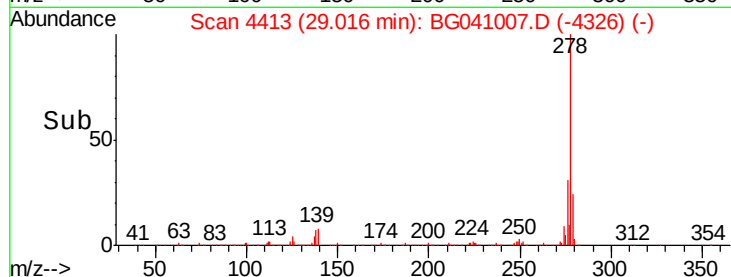
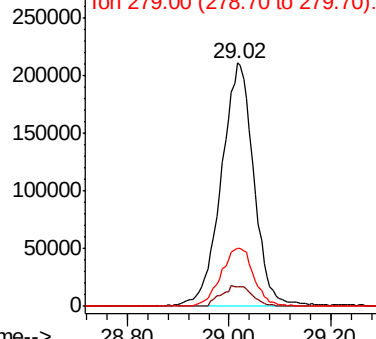


Abundance

Ion 278.00 (277.70 to 278.70): E

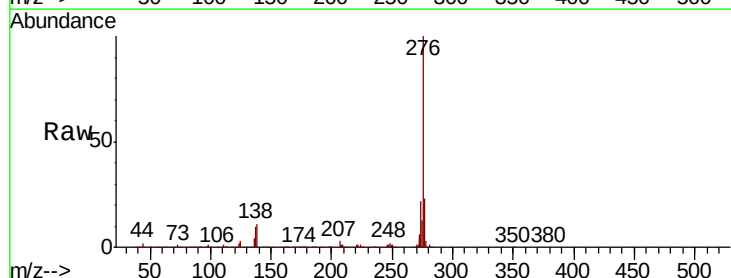
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 105.705 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	11.4	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

