

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039369.D
 Acq On : 6 Feb 2019 14:00
 Operator : JU/SJ
 Sample : PB116862BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Manual Integrations
 APPROVED

mohammad
 2/7/2019 8:40:48 AM

Quant Time: Feb 06 15:42:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48155	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205480	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	131446	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	323918	20.00	ng	0.00
76) Chrysene-d12	21.84	240	358694	20.00	ng	0.00
87) Perylene-d12	25.22	264	376047	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	450240	160.02	ng	0.00
7) Phenol-d6	7.32	99	629698	152.04	ng	0.00
23) Nitrobenzene-d5	9.36	82	298980	90.90	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	228402	161.36	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	729394	79.60	ng	0.00
79) Terphenyl-d14	20.14	244	1327707	78.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	45646	37.088	ng	96
3) Pyridine	4.00	79	126459	38.809	ng	96
4) n-Nitrosodimethylamine	3.93	42	66071	40.544	ng	96
6) Aniline	7.50	93	151818	29.265	ng	98
8) 2-Chlorophenol	7.73	128	141094	45.876	ng	98
9) Benzaldehyde	7.32	77	74100	34.416	ng	97
10) Phenol	7.35	94	195571	45.300	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	134758	39.502	ng	100
12) 1,3-Dichlorobenzene	8.06	146	147609	39.619	ng	99
13) 1,4-Dichlorobenzene	8.22	146	150119	40.425	ng	98
14) 1,2-Dichlorobenzene	8.53	146	144336	40.149	ng	96
15) Benzyl Alcohol	8.42	79	130562	40.155	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	271792	35.280	ng	99
17) 2-Methylphenol	8.60	107	124276	44.483	ng	97
18) Hexachloroethane	9.26	117	52615	41.182	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	107415	36.542	ng	96
20) 3+4-Methylphenols	8.93	107	168041	43.678	ng	97
22) Acetophenone	9.01	105	205359	37.206	ng	# 95
24) Nitrobenzene	9.40	77	158824	44.696	ng	99
25) Isophorone	9.91	82	301528	41.369	ng	99
26) 2-Nitrophenol	10.11	139	67970	48.677	ng	97
27) 2,4-Dimethylphenol	10.14	122	144376	48.966	ng	95
28) bis(2-Chloroethoxy)methane	10.40	93	186837	41.617	ng	100
29) 2,4-Dichlorophenol	10.64	162	148879	46.200	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	148980	41.178	ng	95
31) Naphthalene	11.05	128	437110	42.880	ng	98
32) Benzoic acid	10.26	122	74698	40.439	ng	100
33) 4-Chloroaniline	11.16	127	93109	19.699	ng	98
34) Hexachlorobutadiene	11.32	225	98602	40.981	ng	97
35) Caprolactam	11.93	113	48137m	36.098	ng	
36) 4-Chloro-3-methylphenol	12.25	107	157165	42.171	ng	99
37) 2-Methylnaphthalene	12.65	142	328011	43.445	ng	96
38) 1-Methylnaphthalene	12.86	142	309566	42.535	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	178700	42.728	ng	98

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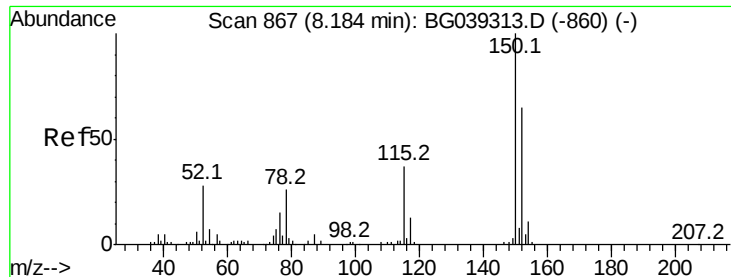
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	234338	102.827	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	117725	45.781	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	130100	48.273	nq	96
46) 1,1'-Biphenyl	13.64	154	432392	39.536	nq	99
47) 2-Chloronaphthalene	13.69	162	336152	40.858	nq	98
48) 2-Nitroaniline	13.89	65	103791	44.621	nq	96
49) Acenaphthylene	14.53	152	532408	42.886	nq	99
50) Dimethylphthalate	14.25	163	428112	40.327	nq	99
51) 2,6-Dinitrotoluene	14.38	165	90669	46.012	nq	99
52) Acenaphthene	14.87	154	322320	39.998	nq	98
53) 3-Nitroaniline	14.71	138	61028	30.859	nq	# 92
54) 2,4-Dinitrophenol	14.91	184	55303	68.037	nq	98
55) Dibenzofuran	15.20	168	529249	40.962	nq	100
56) 4-Nitrophenol	15.00	139	168159	87.056	nq	89
57) 2,4-Dinitrotoluene	15.16	165	127918	49.951	nq	# 87
58) Fluorene	15.85	166	412203	42.797	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	121437	48.123	nq	99
60) Diethylphthalate	15.60	149	434846	39.617	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	219346	40.219	nq	97
62) 4-Nitroaniline	15.87	138	101650	45.866	nq	95
63) Azobenzene	16.12	77	402235	37.493	nq	100
65) 4,6-Dinitro-2-methylphenol	15.91	198	55328	44.650	nq	98
66) n-Nitrosodiphenylamine	16.05	169	380006	38.582	nq	98
67) 4-Bromophenyl-phenylether	16.73	248	143118	39.827	nq	95
68) Hexachlorobenzene	16.83	284	148434	41.170	nq	94
69) Atrazine	16.99	200	155345	43.160	nq	97
70) Pentachlorophenol	17.18	266	184784	73.743	nq	98
71) Phenanthrene	17.59	178	709293	42.308	nq	100
72) Anthracene	17.68	178	723541	43.815	nq	99
73) Carbazole	17.95	167	645461	39.166	nq	99
74) Di-n-butylphthalate	18.48	149	791965	41.191	nq	99
75) Fluoranthene	19.59	202	891458	45.812	nq	99
77) Benzidine	19.77	184	347091	29.515	nq	99
78) Pyrene	19.95	202	896802	40.162	nq	98
80) Butylbenzylphthalate	20.82	149	377542	40.081	nq	95
81) Benzo(a)anthracene	21.82	228	904089	42.656	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	198752	25.290	nq	99
83) Chrysene	21.89	228	847517	42.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	529906	39.433	nq	100
85) Di-n-octyl phthalate	22.96	149	903601	40.700	nq	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1016019	46.935	nq	99
88) Benzo(b)fluoranthene	24.14	252	865177	42.187	nq	99
89) Benzo(k)fluoranthene	24.21	252	872216	42.362	nq	98
90) Benzo(a)pyrene	25.06	252	865395	43.816	nq	99
91) Dibenzo(a,h)anthracene	29.20	278	823231	44.507	nq	100
92) Benzo(g,h,i)perylene	30.34	276	830513	45.049	nq	99

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



#1

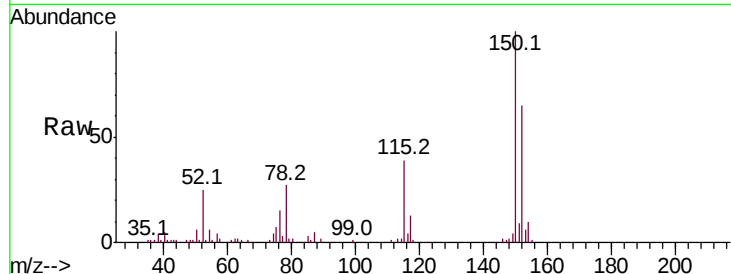
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	59.5	45.9	68.9

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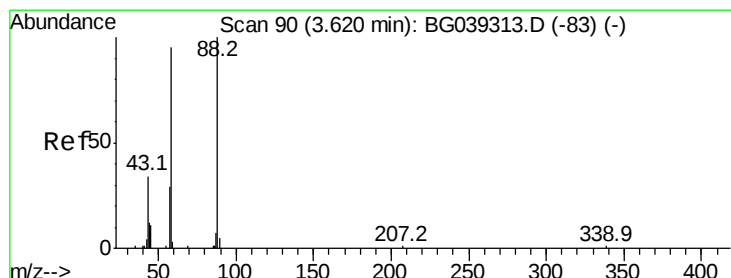
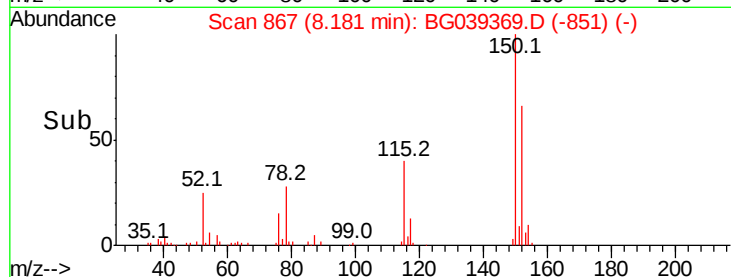
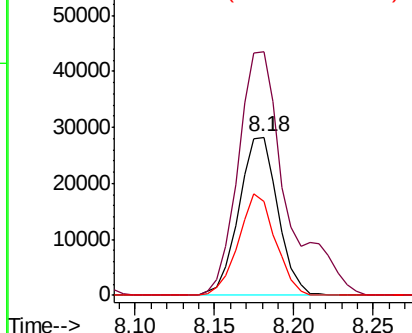


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

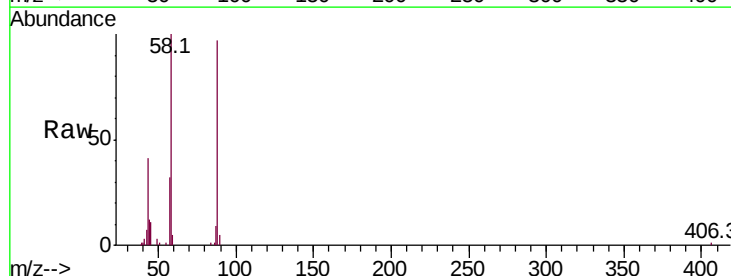
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.088 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	81.1	121.7
43	40.4	31.4	47.0

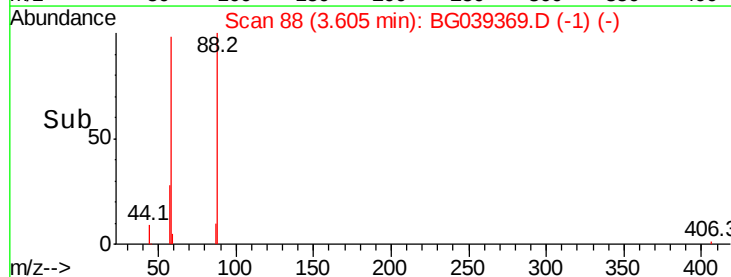
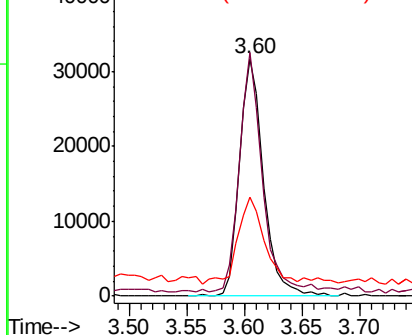


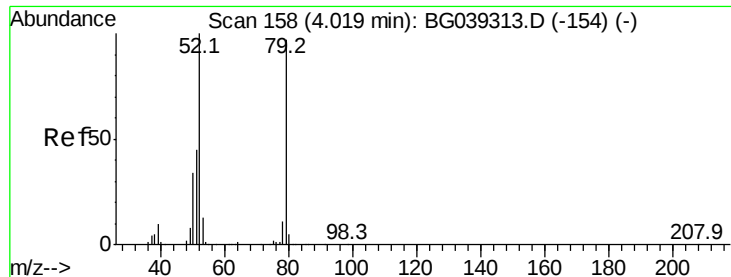
Abundance

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: 38.809 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

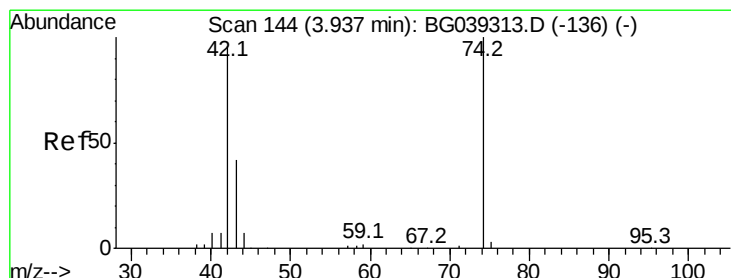
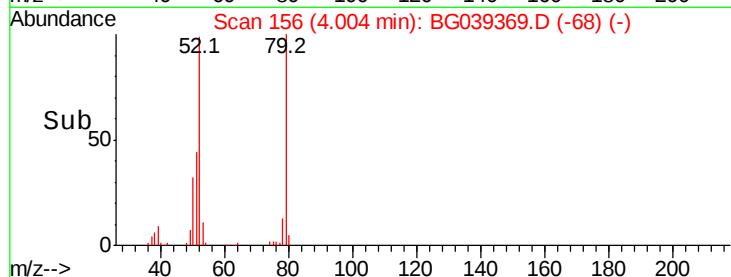
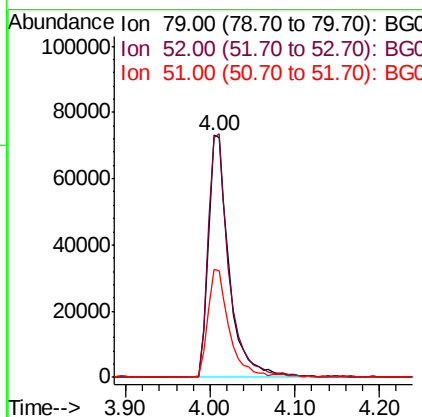
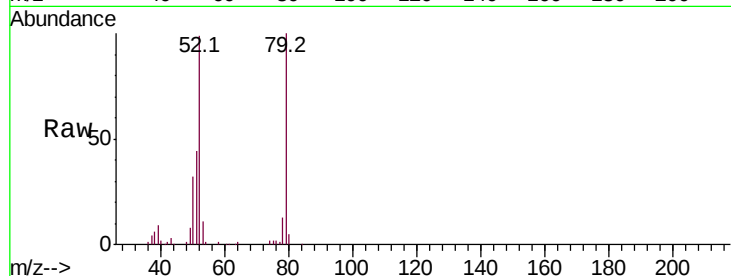
ClientSampleId :

PB116862BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.3	82.6	124.0
51	44.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.544 ng

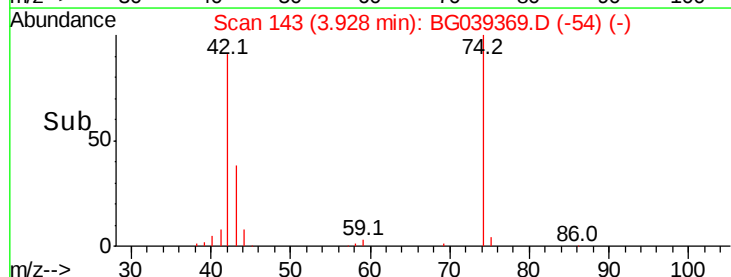
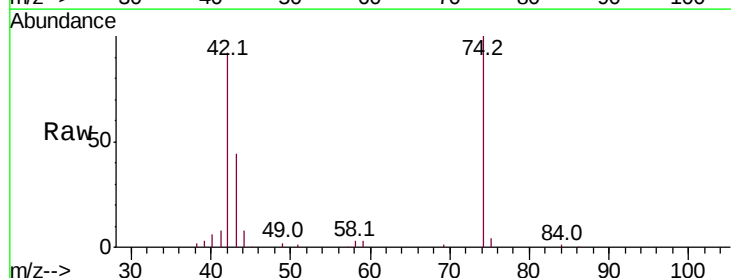
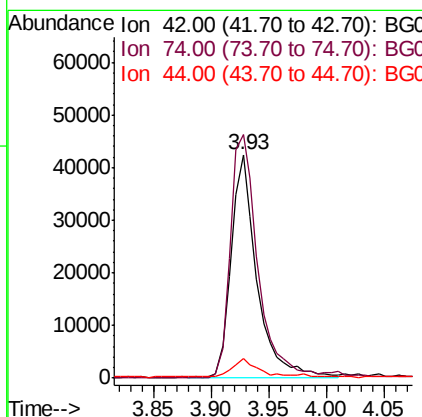
RT: 3.93 min Scan# 143

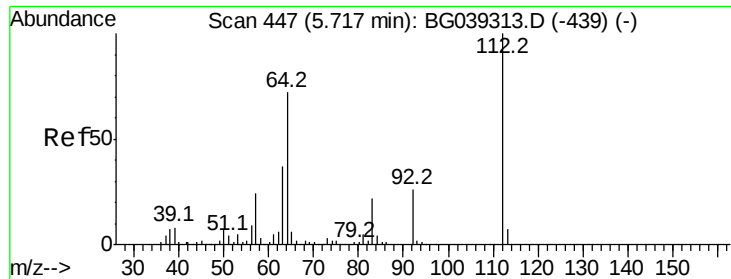
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.1	83.6	125.4
44	9.1	6.9	10.3





#5

2-Fluorophenol

Concen: 160.023 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

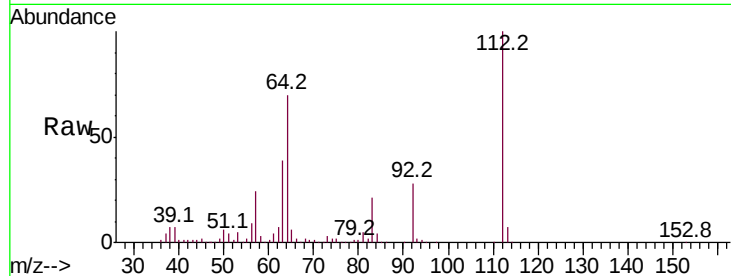
ClientSampleId :

PB116862BS

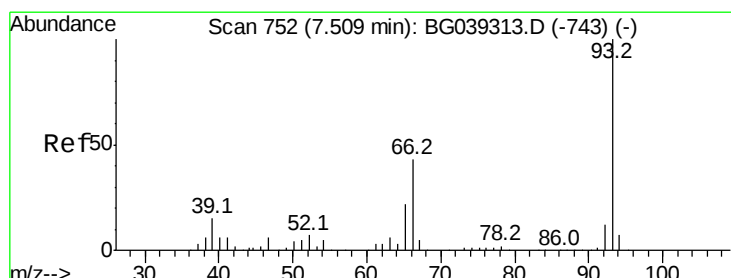
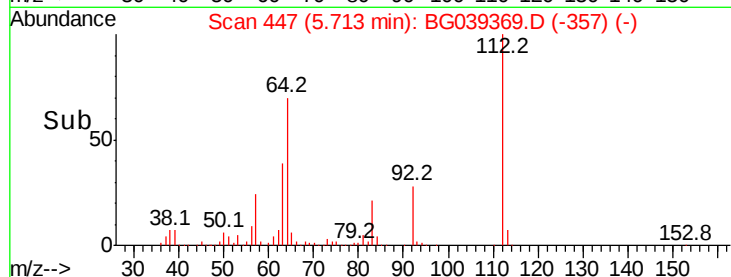
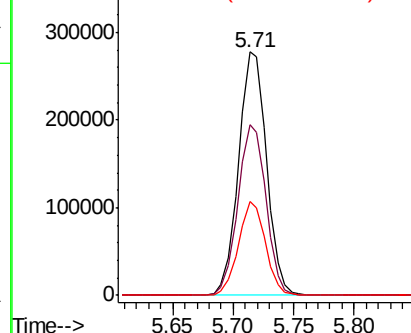
Tot Ion:	112	Resp:	450240
Ion Ratio	Lower	Upper	
112	100		
64	70.1	57.8	86.8
63	38.5	29.8	44.6

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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: 29.265 ng

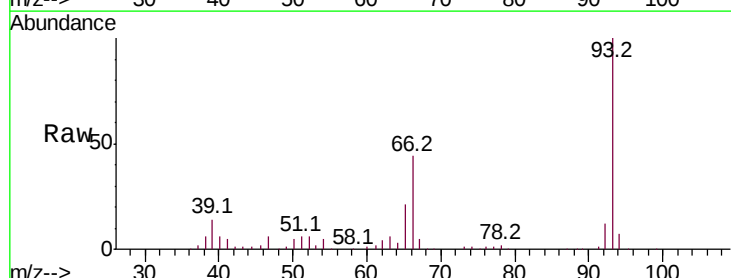
RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

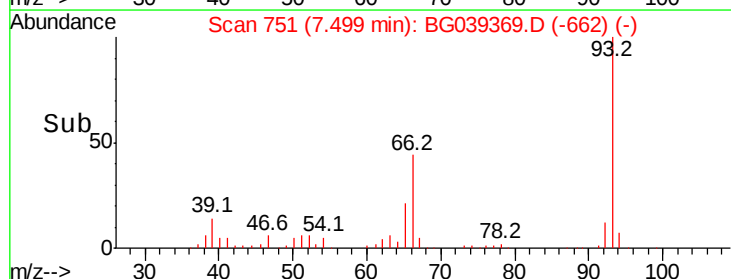
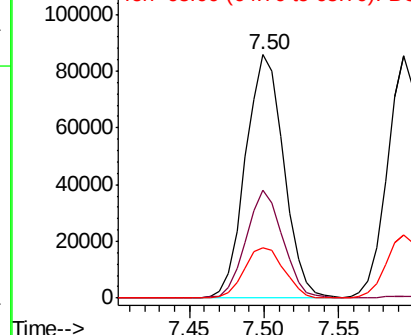
Lab File: BG039369.D

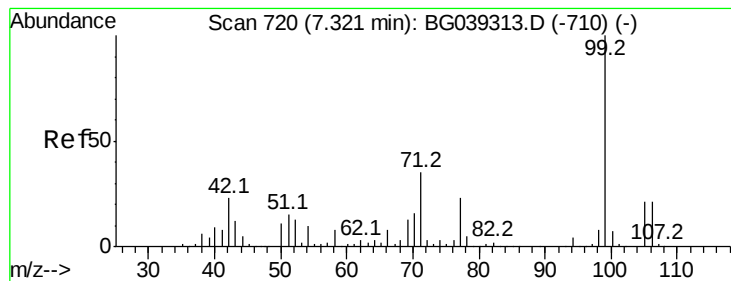
Acq: 6 Feb 2019 14:00

Tgt Ion:	93	Resp:	151818
Ion Ratio	Lower	Upper	
93	100		
66	44.2	34.2	51.4
65	20.8	17.7	26.5



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: 152.044 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

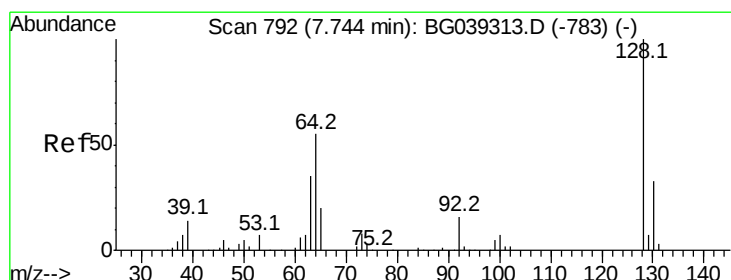
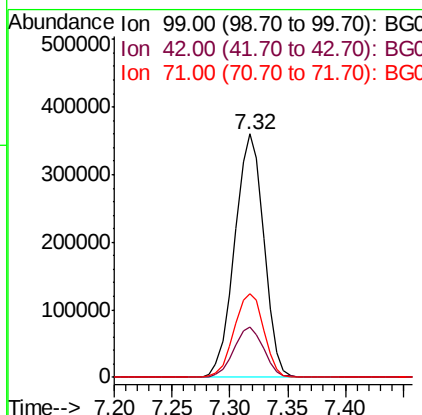
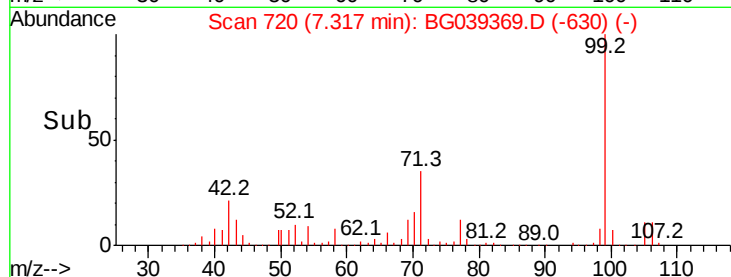
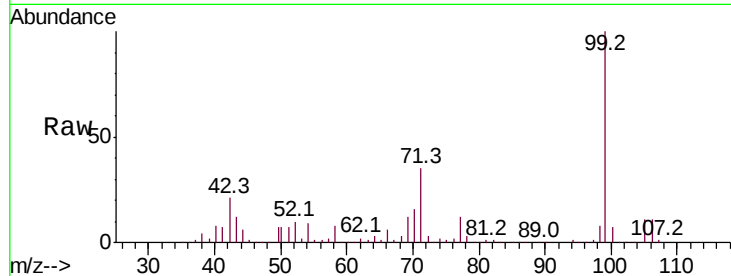
ClientSampleId :

PB116862BS

Tot Ion:	99	Resp:	629698
Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	34.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 45.876 ng

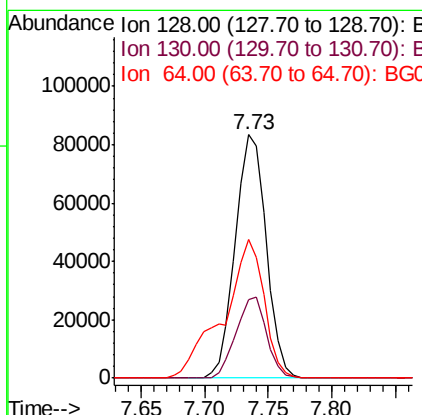
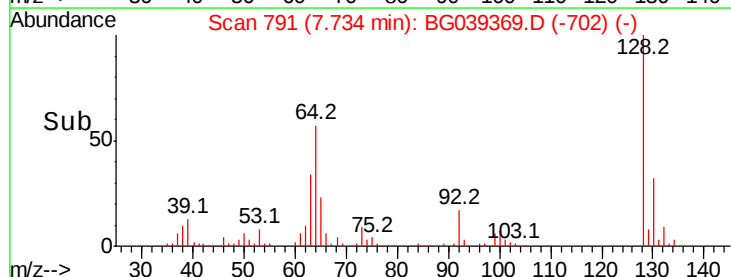
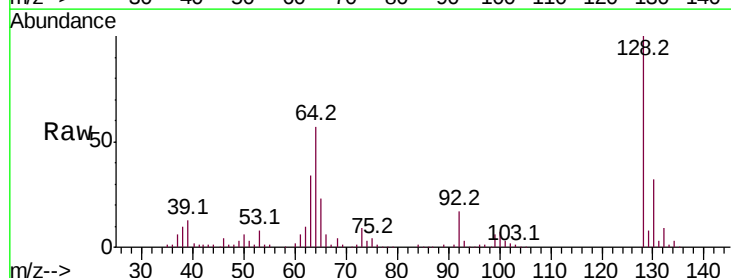
RT: 7.73 min Scan# 791

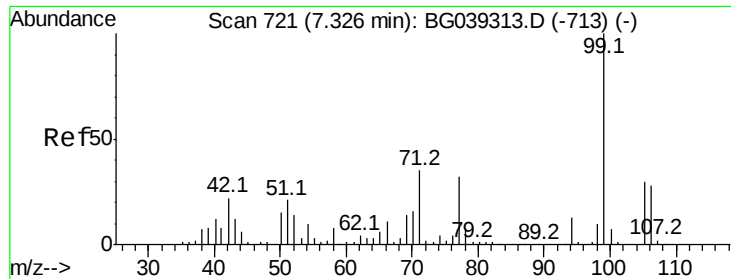
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	128	Resp:	141094
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	57.2	38.7	78.7





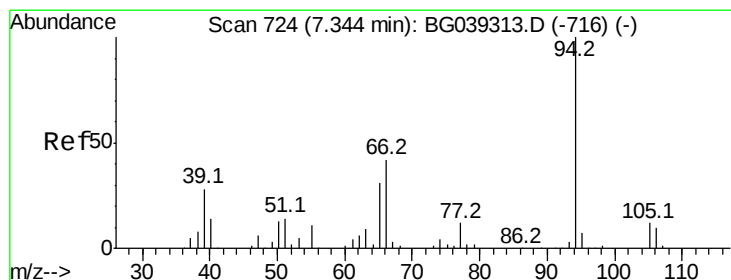
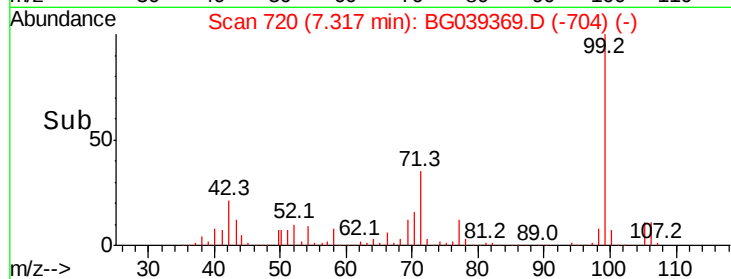
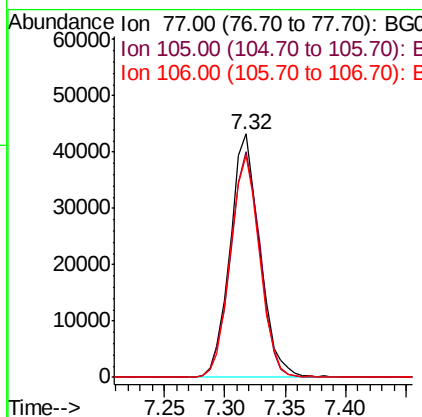
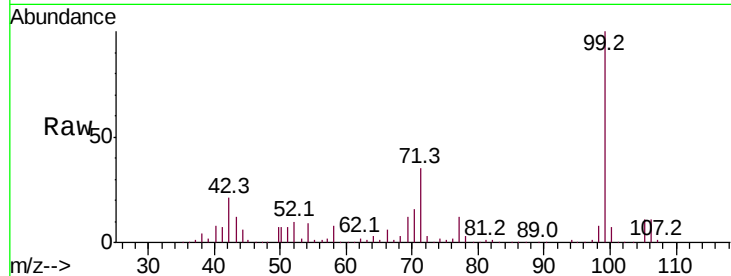
#9
Benzaldehyde
Concen: 34.416 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.8	74.5	114.5
106	91.3	68.0	108.0

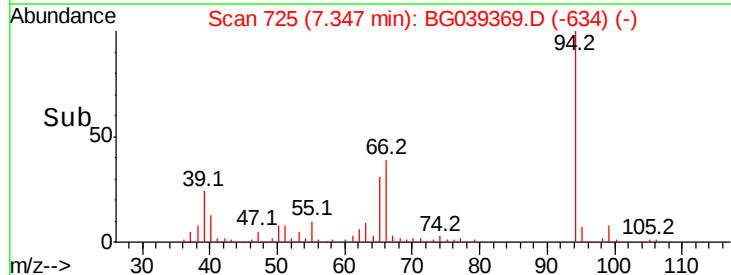
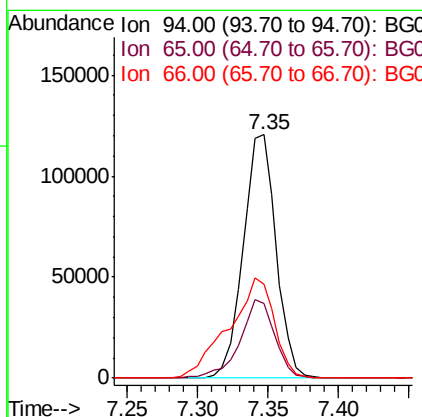
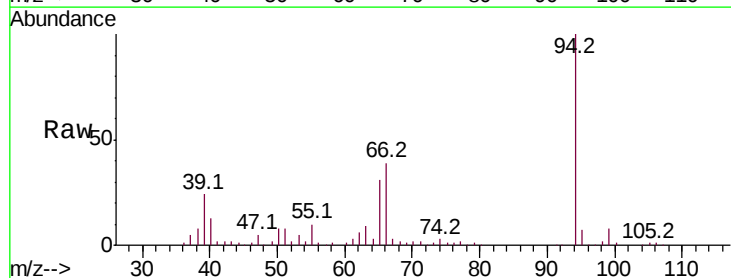
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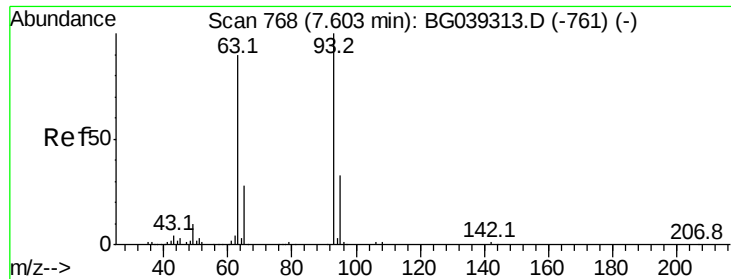
mohammad
2/7/2019 8:40:48 AM



#10
Phenol
Concen: 45.300 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	38.7	23.7	63.7





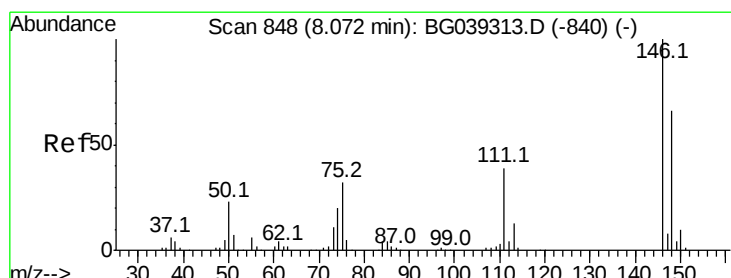
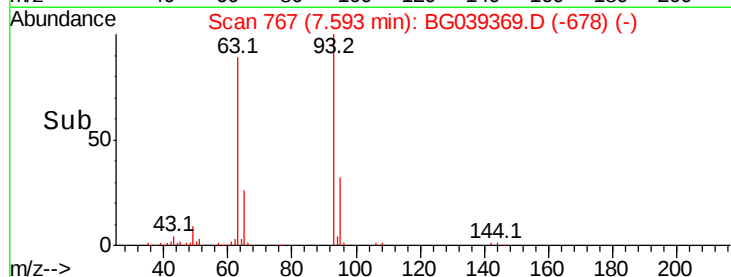
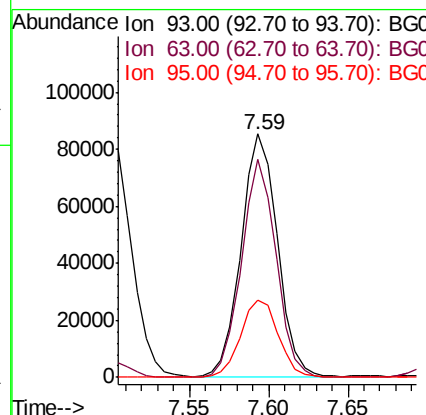
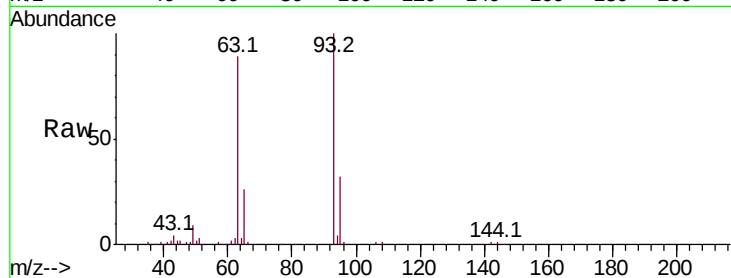
#11
bis(2-Chloroethyl)ether
Concen: 39.502 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	93	Resp	134758
Ion	Ratio	Lower	Upper
93	100		
63	89.5	69.5	109.5
95	31.7	12.7	52.7

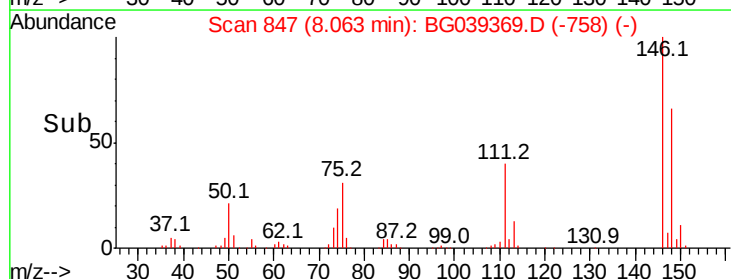
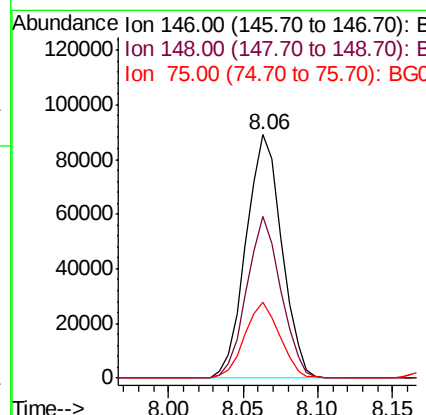
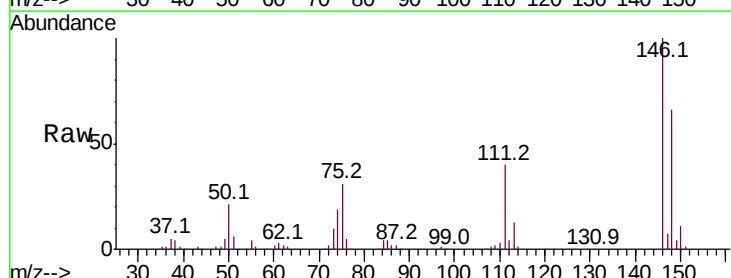
Manual Integrations
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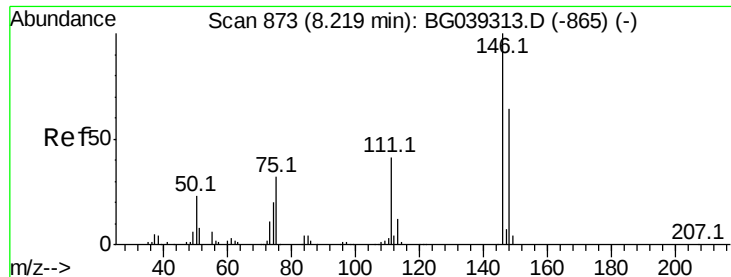
mohammad
2/7/2019 8:40:48 AM



#12
1,3-Dichlorobenzene
Concen: 39.619 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	146	Resp	147609
Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.6	79.0
75	31.2	25.8	38.6





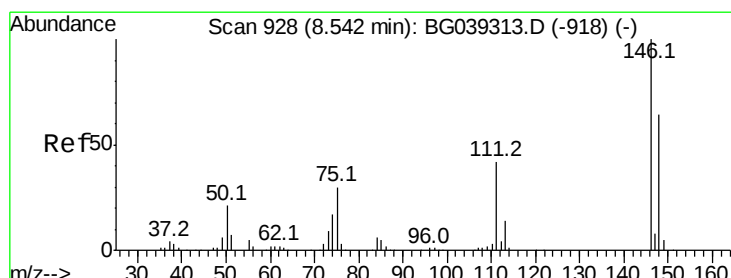
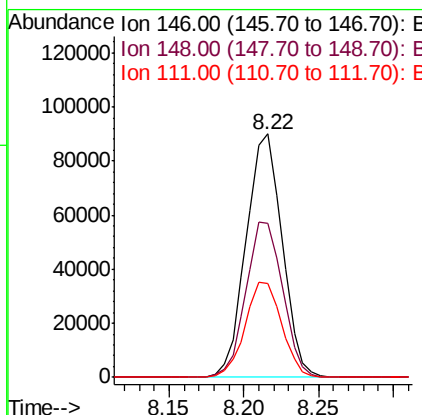
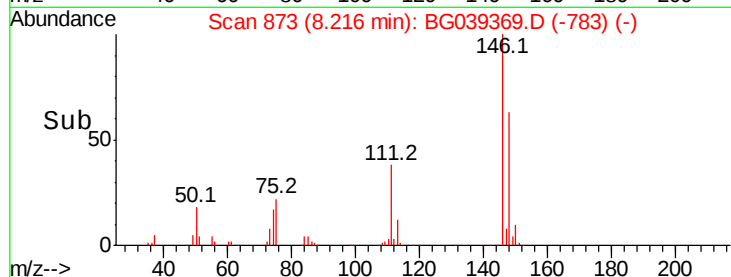
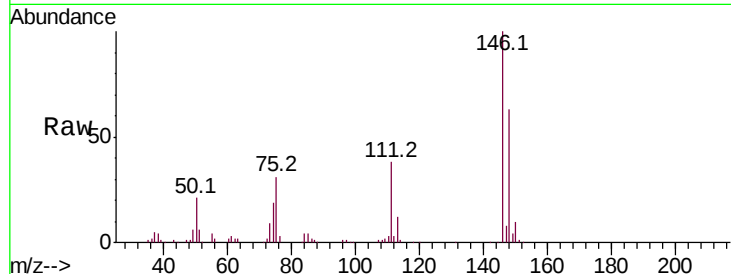
#13
1,4-Dichlorobenzene
Concen: 40.425 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	38.4	32.6	48.8

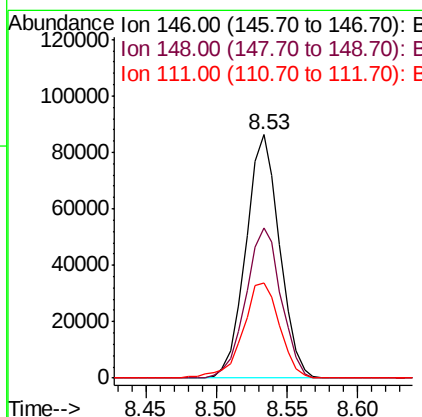
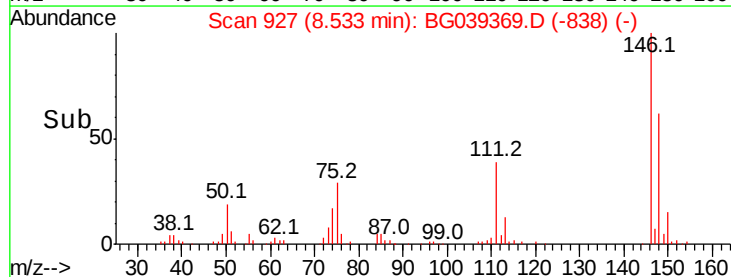
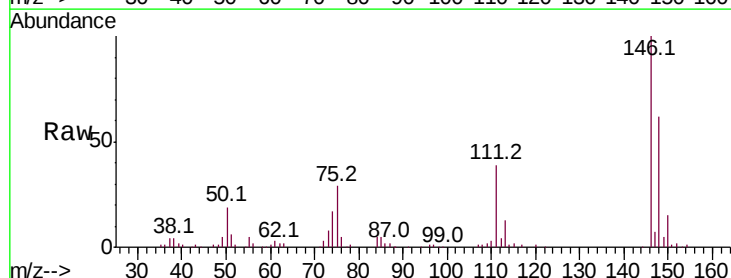
Manual Integrations
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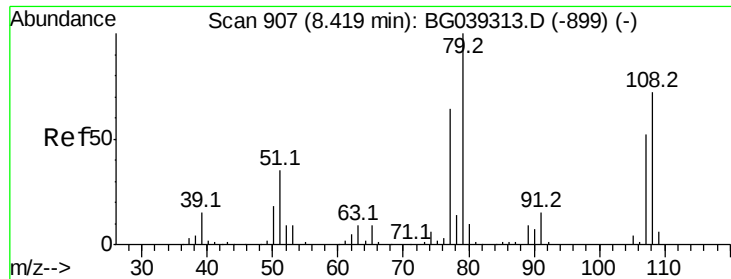
mohammad
2/7/2019 8:40:48 AM



#14
1,2-Dichlorobenzene
Concen: 40.149 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.5	77.3
111	39.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.155 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampled :

PB116862BS

Tot Ion: 79 Resp: 130562

Ion Ratio Lower Upper

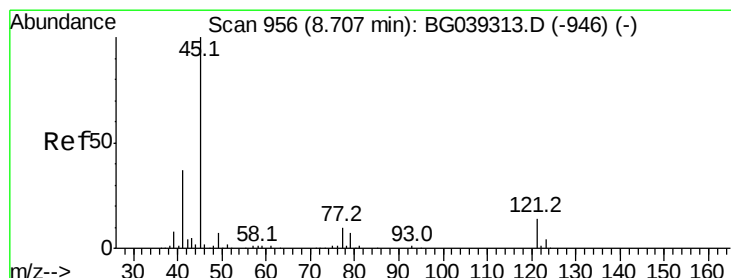
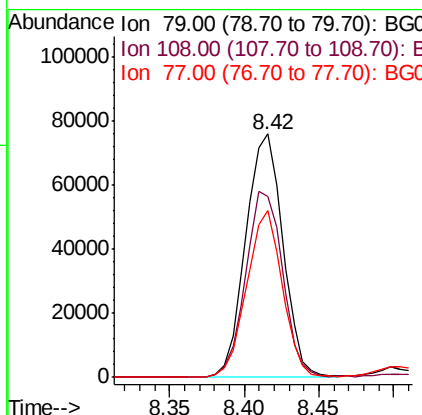
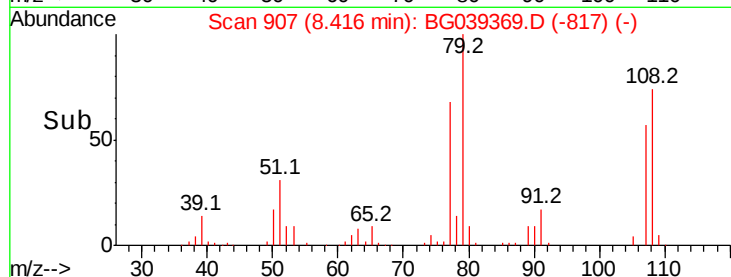
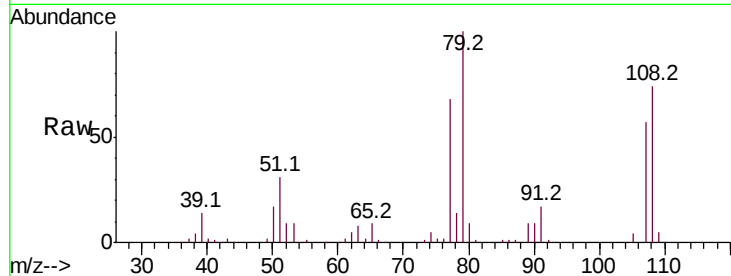
79 100

108 74.2 57.8 86.6

77 68.5 51.1 76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.280 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

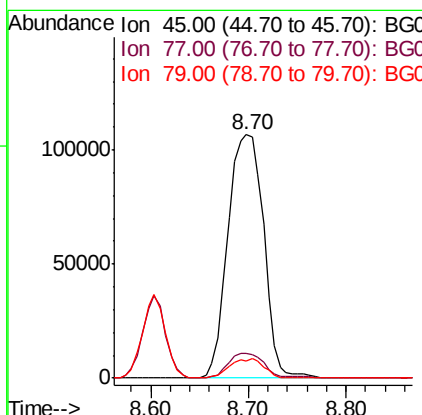
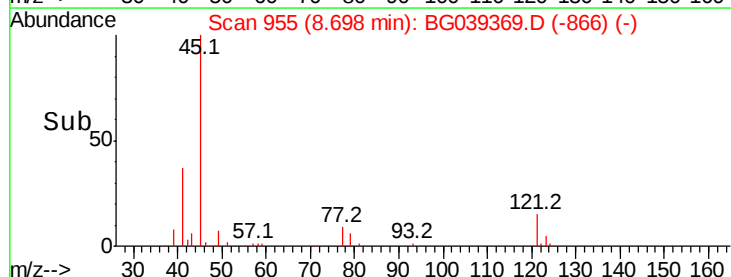
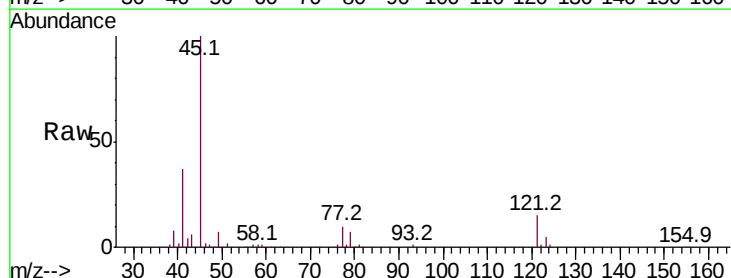
Tgt Ion: 45 Resp: 271792

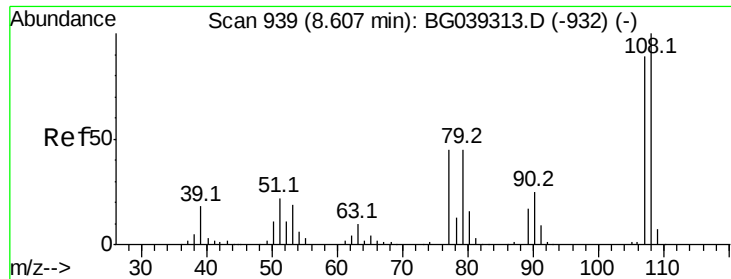
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 7.0 0.0 27.5





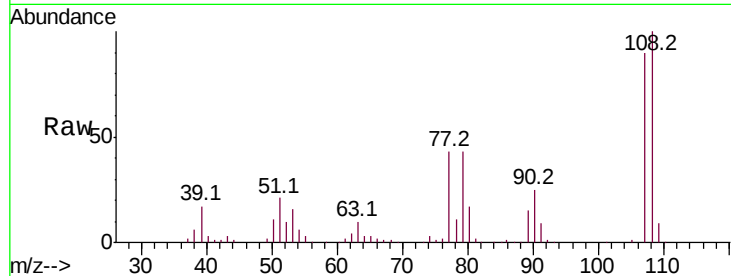
#17
2-Methylphenol
Concen: 44.483 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion:	107	Resp:	124276
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.8	136.2
77	47.6	40.7	61.1
79	48.2	40.6	60.8

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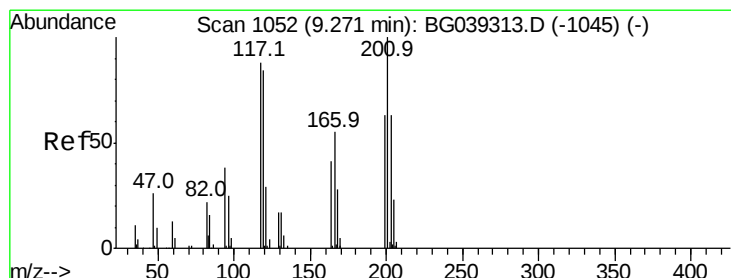
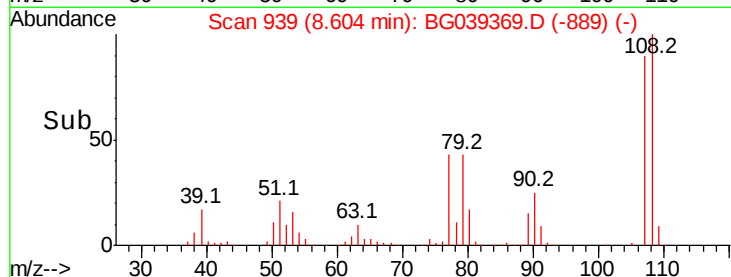
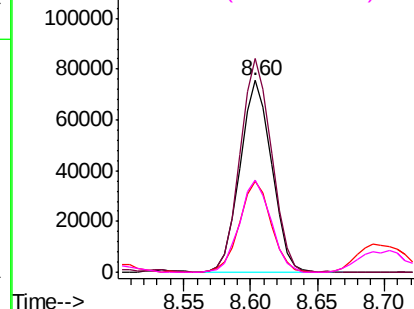
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.182 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

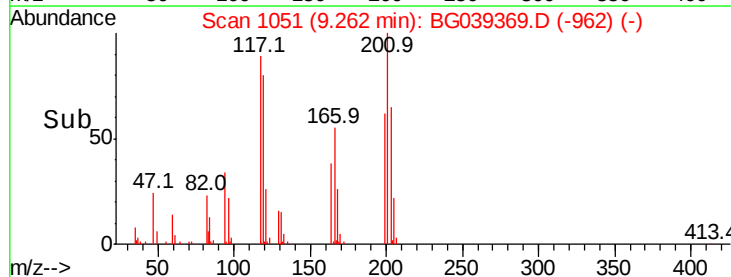
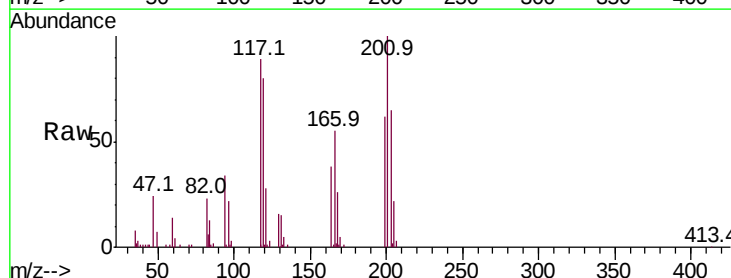
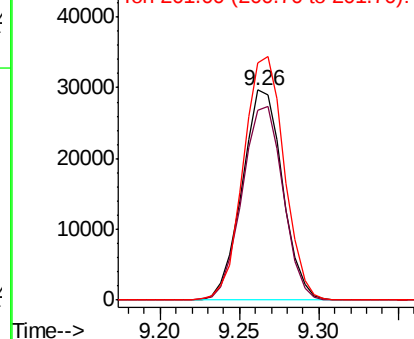
Tgt Ion:	117	Resp:	52615
Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.3	114.5
201	112.7	91.1	136.7

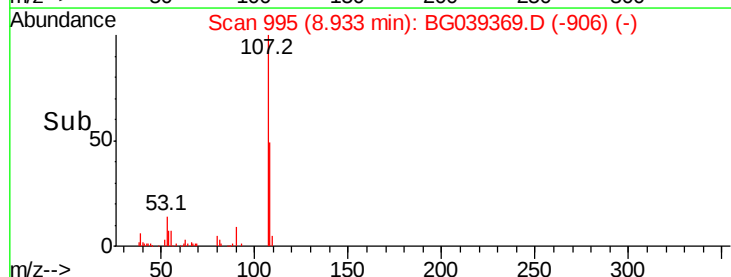
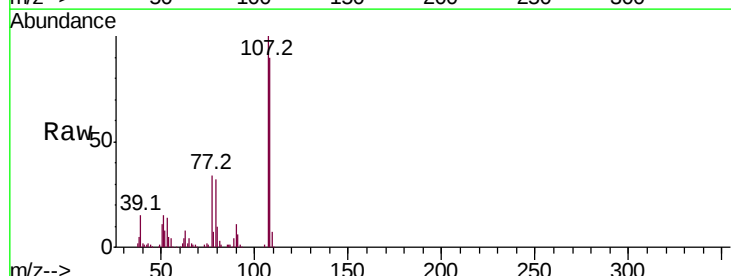
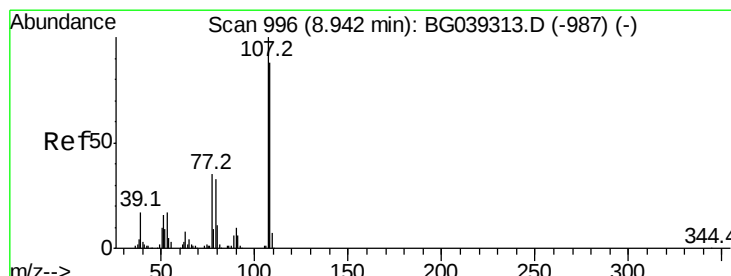
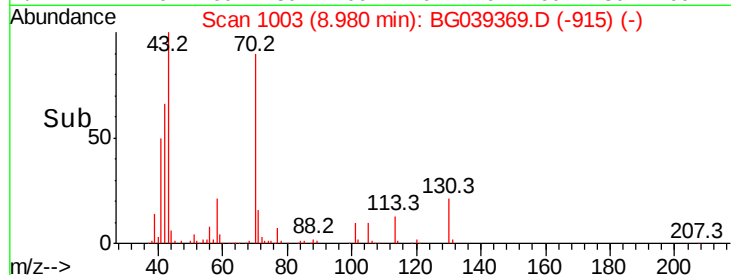
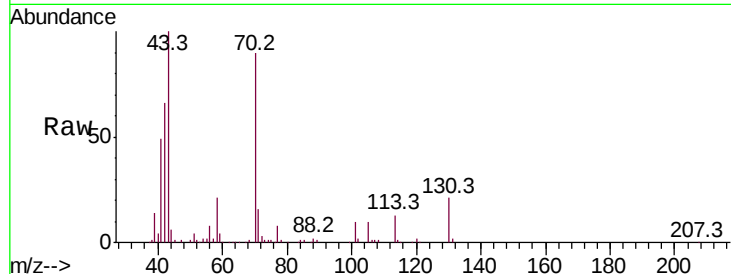
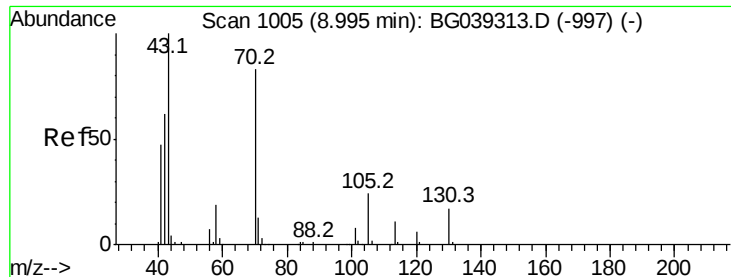
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





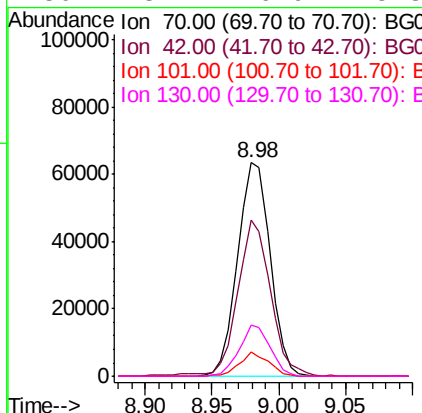
#19
n-Nitroso-di-n-propylamine
Concen: 36.542 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	73.1	60.4	90.6
101	11.2	7.5	11.3
130	23.7	16.9	25.3

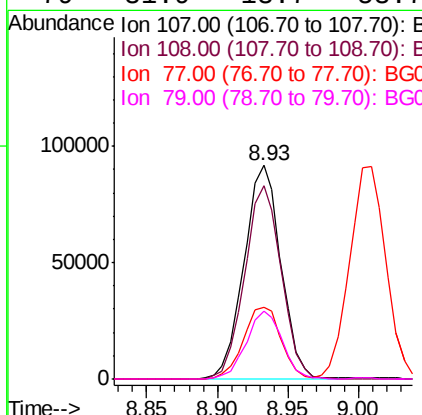
Manual Integrations
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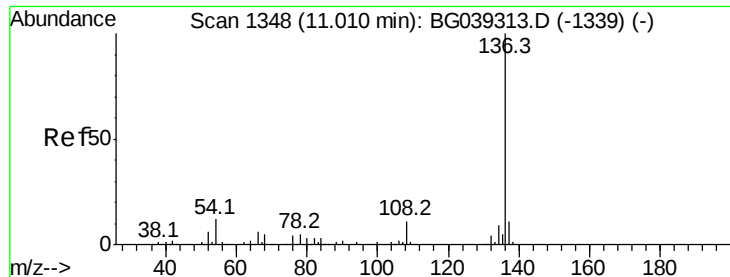
mohammad
2/7/2019 8:40:48 AM



#20
3+4-Methylphenols
Concen: 43.678 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	90.5	67.9	107.9
77	33.5	15.4	55.4
79	31.9	13.7	53.7





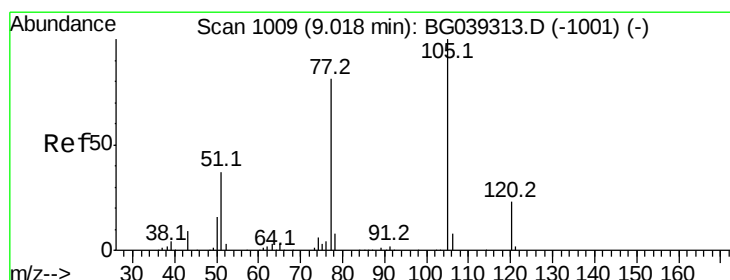
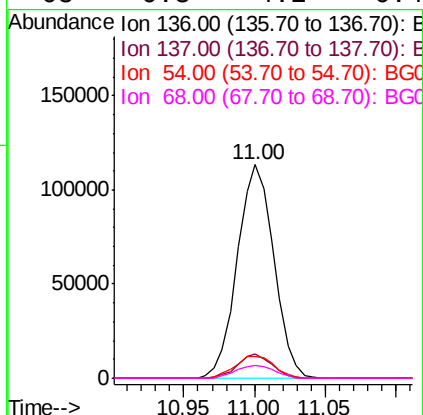
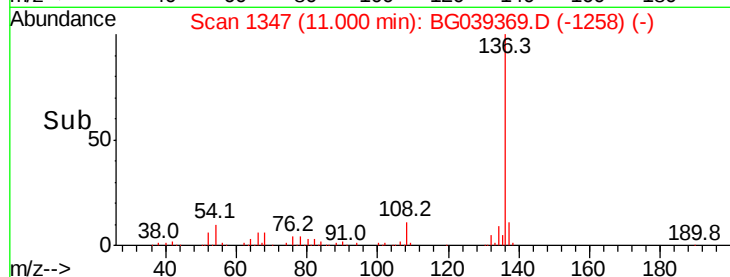
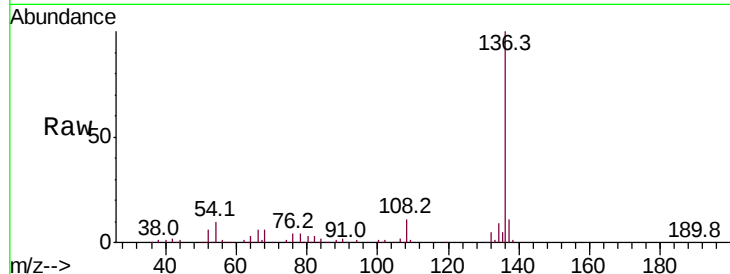
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	10.0	9.4	14.2	
68	6.3	4.2	6.4	

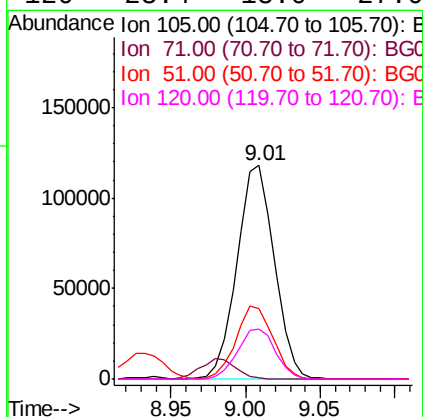
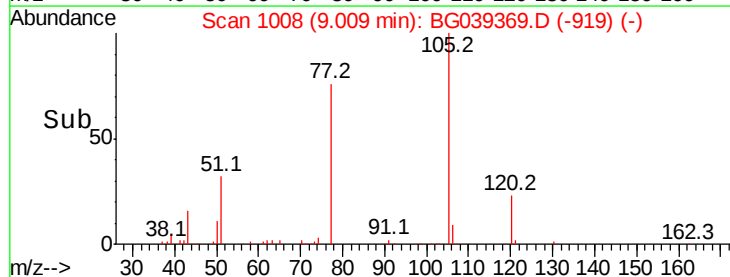
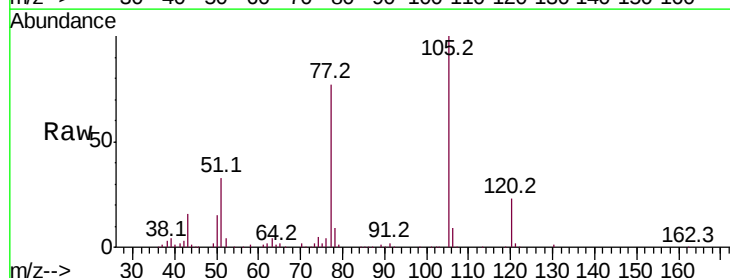
Manual Integrations
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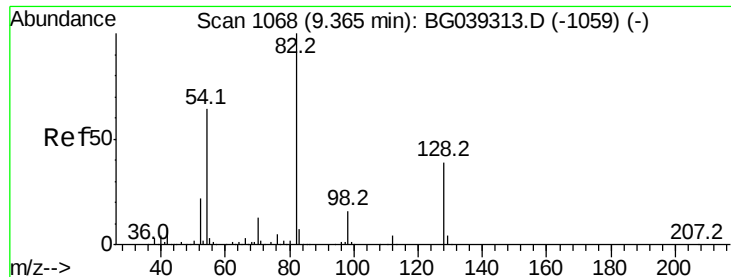
mohammad
2/7/2019 8:40:48 AM



#22
Acetophenone
Concen: 37.206 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.8	1.2#	
51	33.0	30.2	45.2	
120	23.4	18.0	27.0	





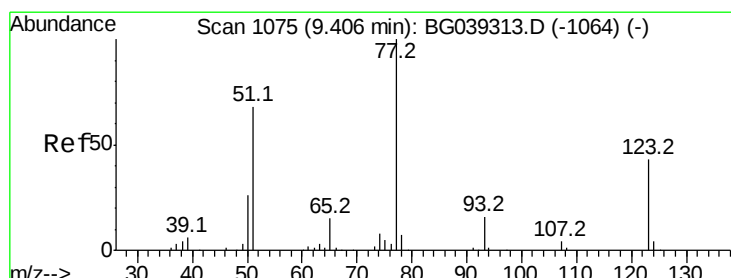
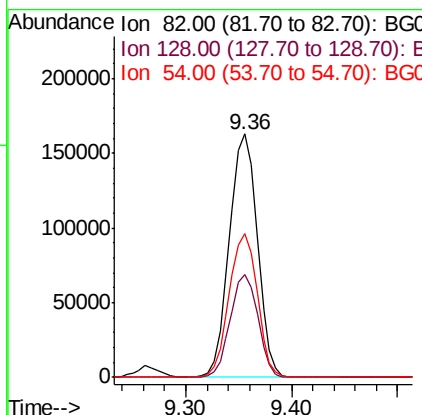
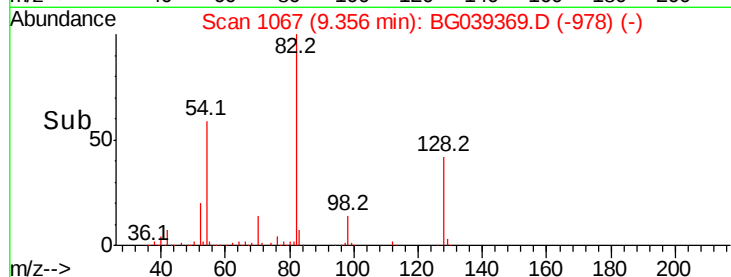
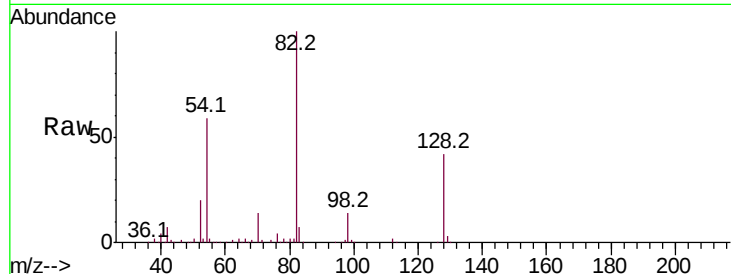
#23
Nitrobenzene-d5
Concen: 90.898 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	31.3	46.9	
54	58.9	50.9	76.3	

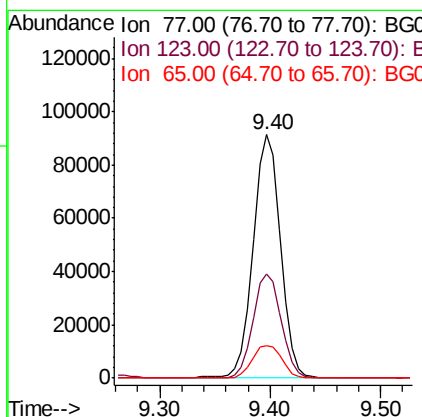
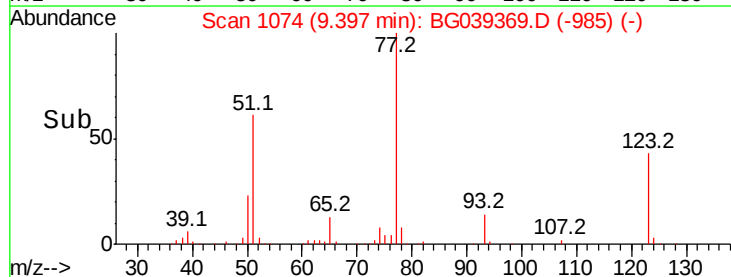
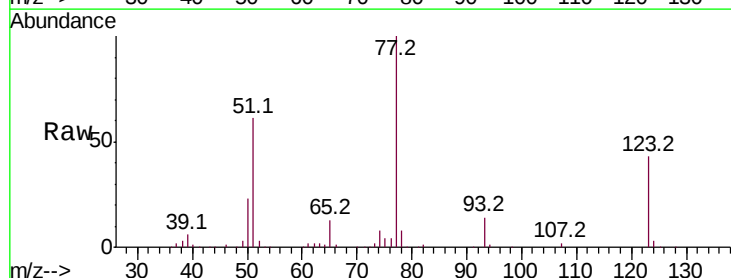
Manual Integrations
APPROVED

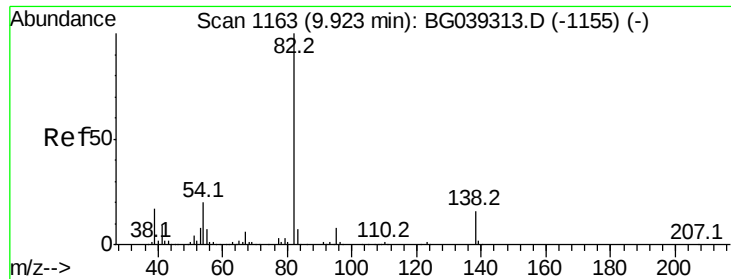
mohammad
2/7/2019 8:40:48 AM



#24
Nitrobenzene
Concen: 44.696 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.6	34.1	51.1	
65	13.3	12.3	18.5	





#25

Isophorone

Concen: 41.369 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

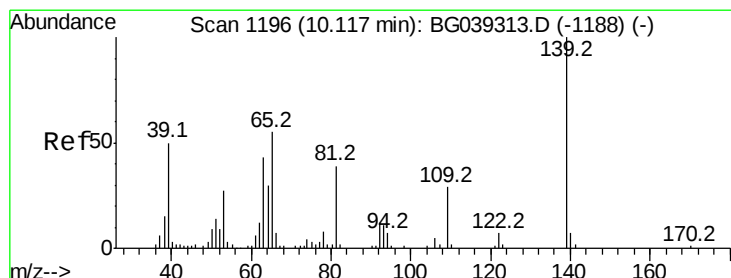
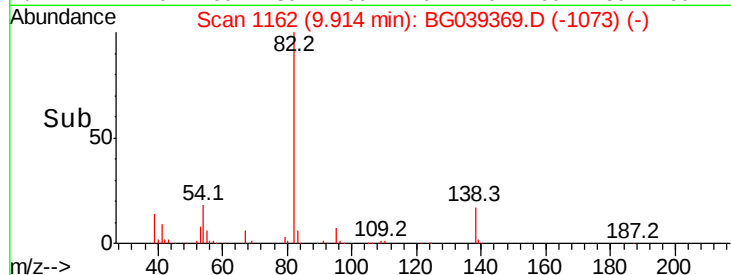
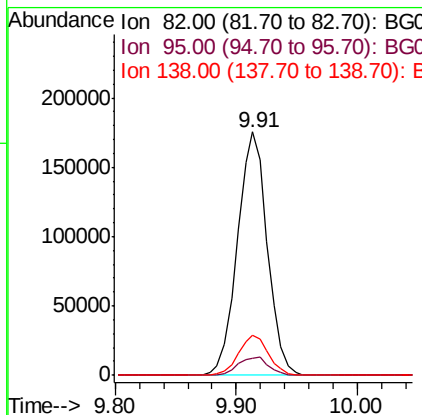
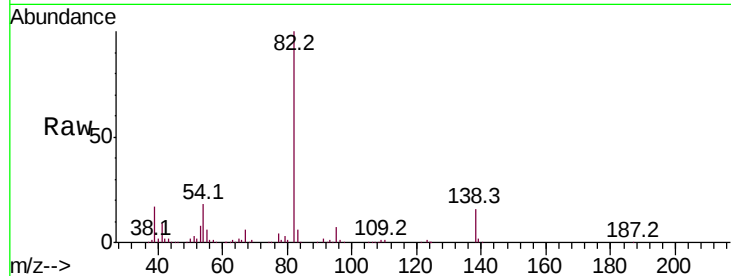
ClientSampleId :

PB116862BS

Tot Ion:	82	Resp:	301528
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.2	9.2
138	16.5	13.0	19.4

Manual Integrations
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mohammad
2/7/2019 8:40:48 AM



#26

2-Nitrophenol

Concen: 48.677 ng

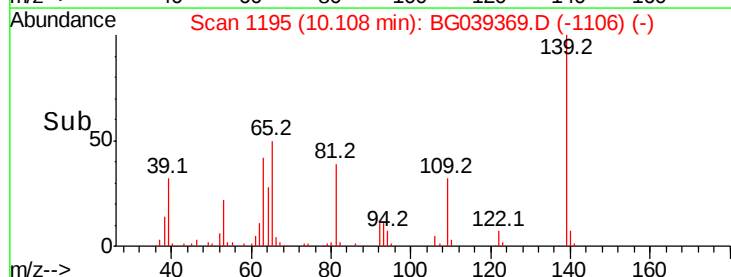
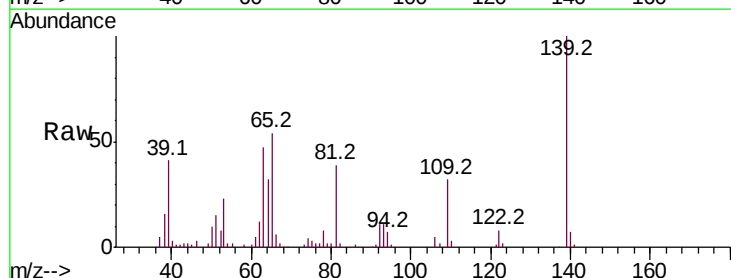
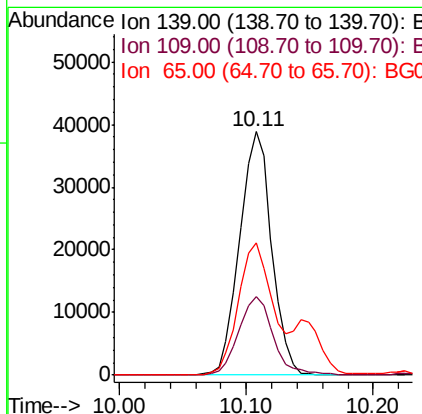
RT: 10.11 min Scan# 1195

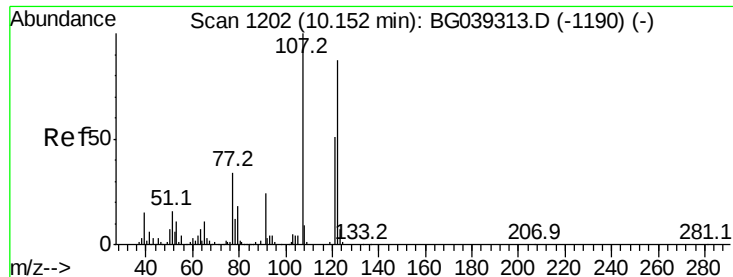
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	139	Resp:	67970
Ion Ratio	Lower	Upper	
139	100		
109	32.0	23.4	35.0
65	54.3	44.3	66.5





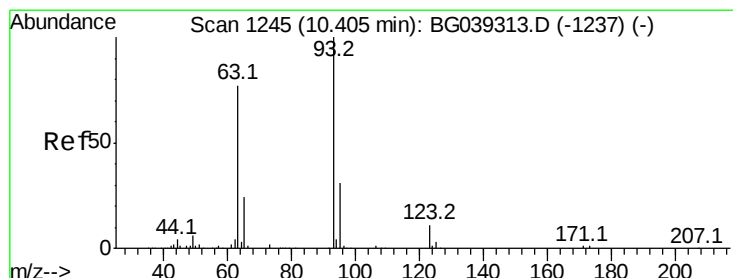
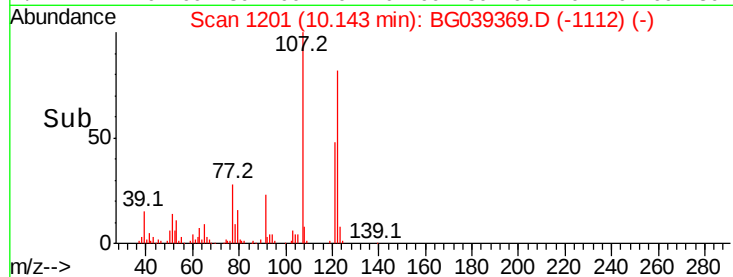
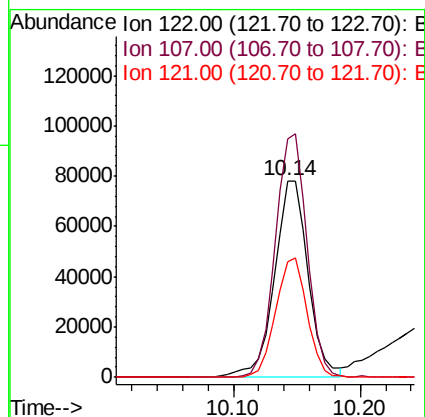
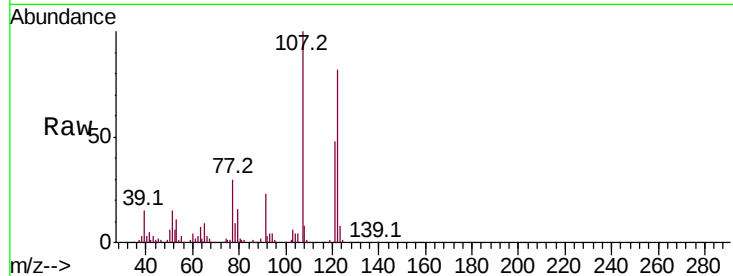
#27
 2,4-Dimethylphenol
 Concen: 48.966 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	91.7	137.5
121	58.9	46.4	69.6

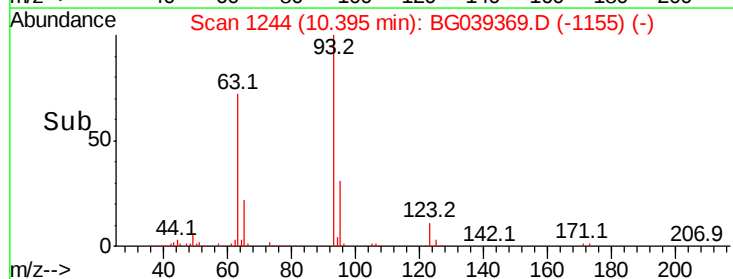
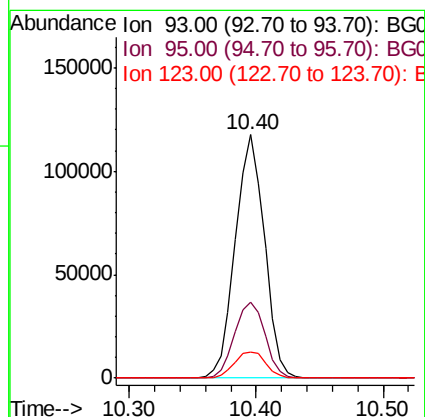
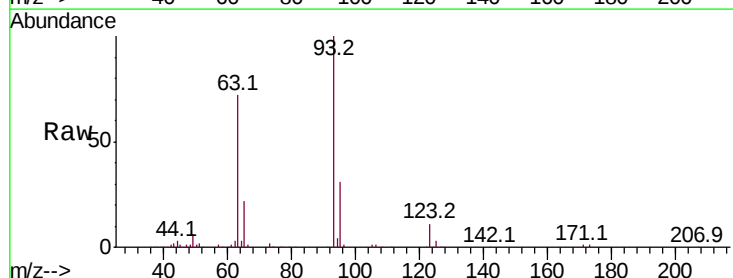
Manual Integrations
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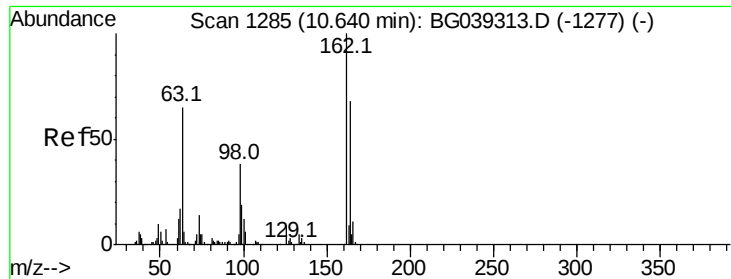
mohammad
 2/7/2019 8:40:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.617 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.0	37.4
123	10.5	8.6	12.8





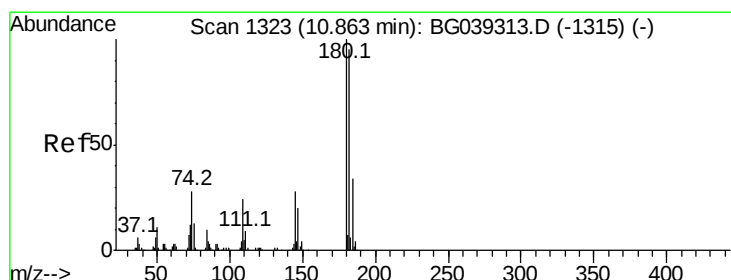
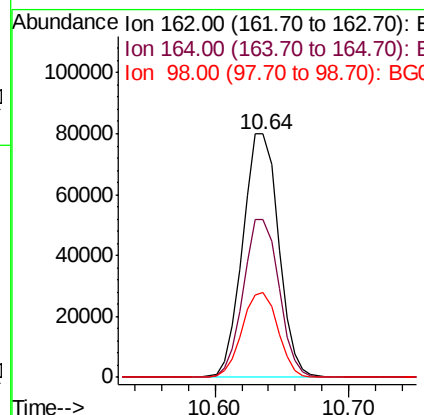
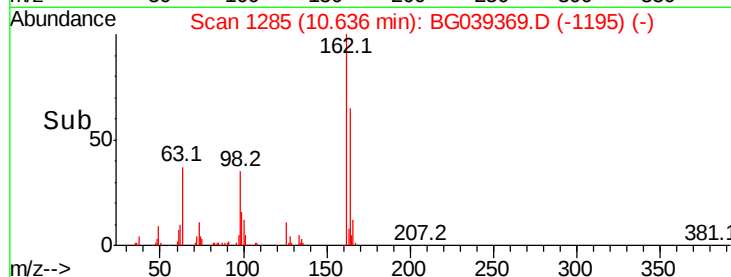
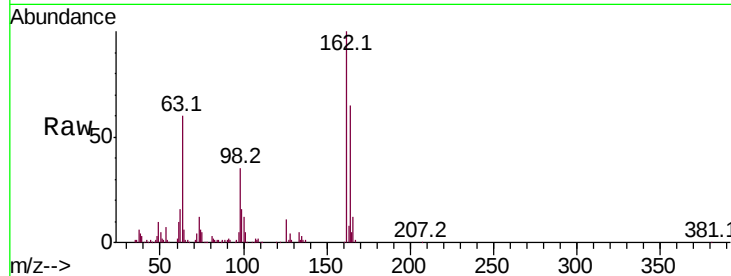
#29
2,4-Dichlorophenol
Concen: 46.200 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148879		
164	65.0	48.1	88.1	
98	34.9	18.1	58.1	

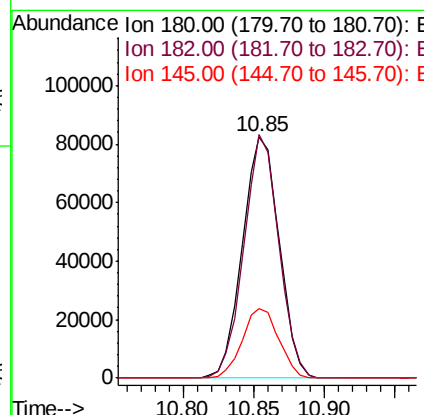
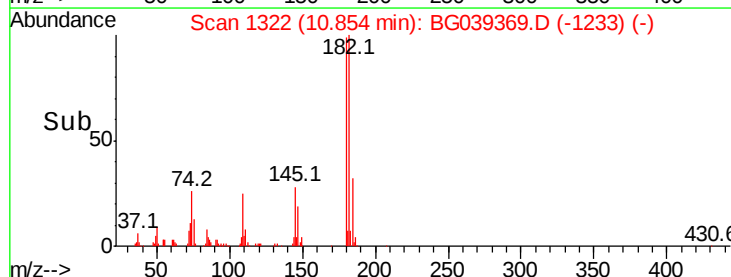
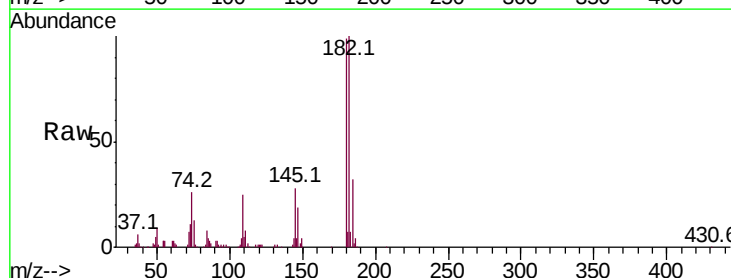
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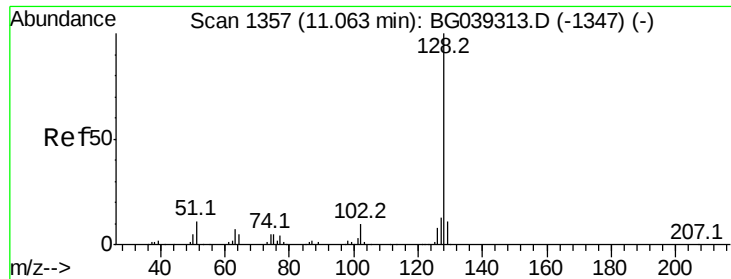
mohammad
2/7/2019 8:40:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.178 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148980		
182	101.0	76.0	114.0	
145	28.7	22.7	34.1	





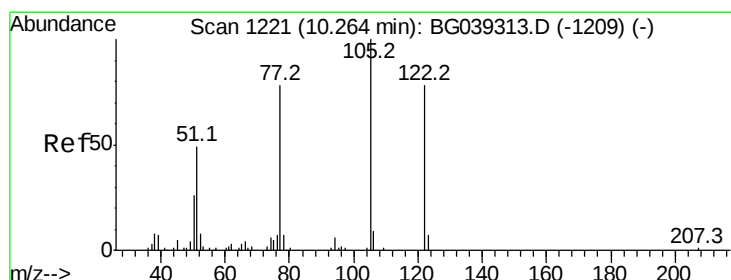
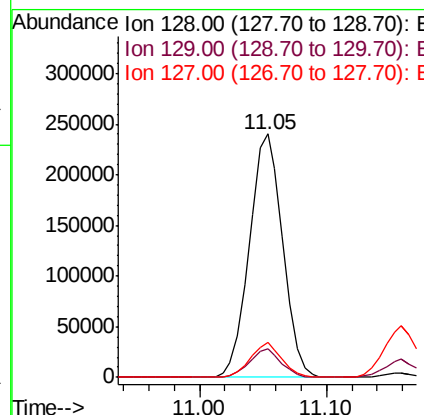
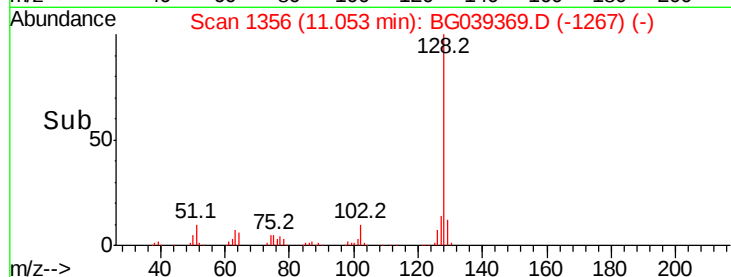
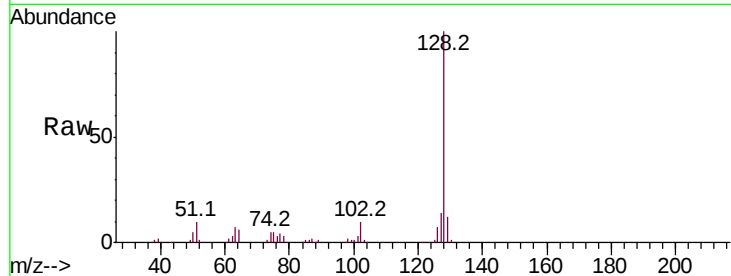
#31
Naphthalene
Concen: 42.880 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.2	10.8	16.2

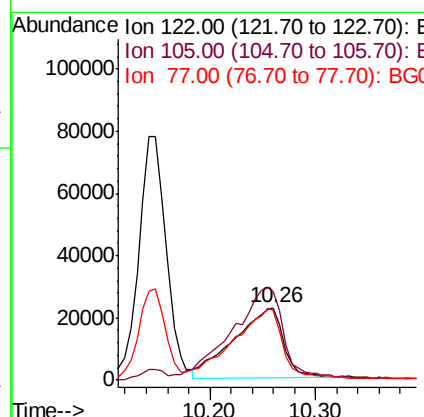
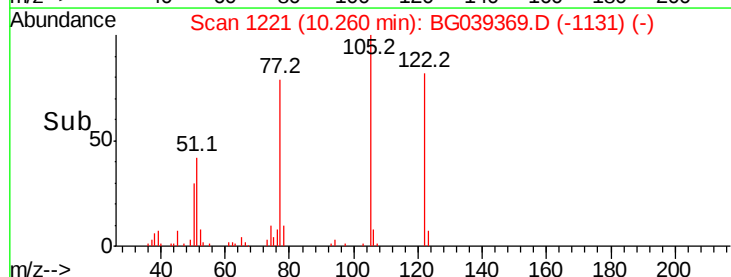
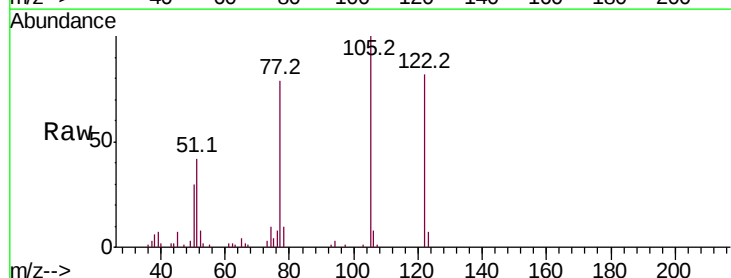
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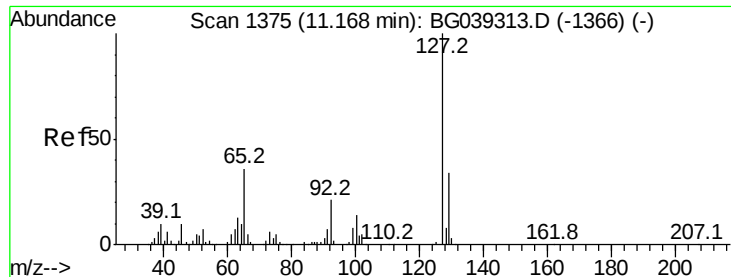
mohammad
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#32
Benzoic acid
Concen: 40.439 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	101.8	141.8
77	96.1	76.3	116.3





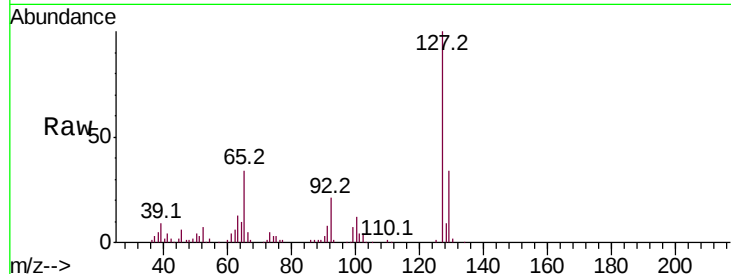
#33
4-Chloroaniline
Concen: 19.699 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.4	27.0	40.4	
65	33.9	28.8	43.2	
92	21.1	16.6	25.0	

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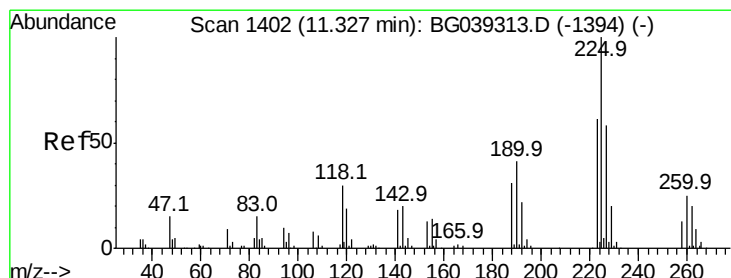
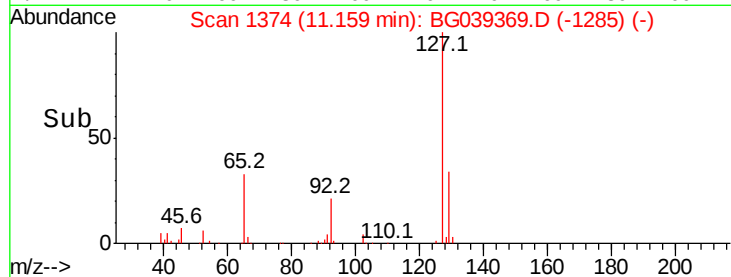
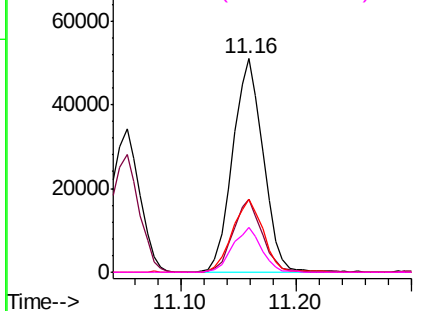
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

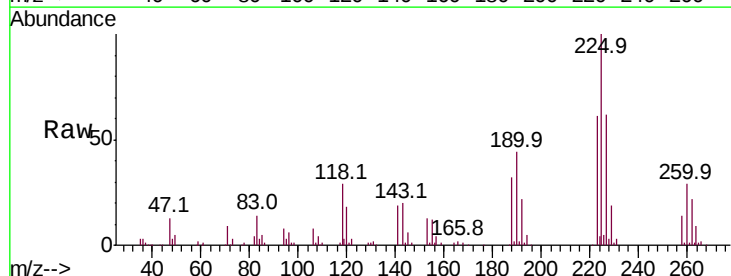
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.981 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	49.0	73.6	
227	62.4	46.3	69.5	

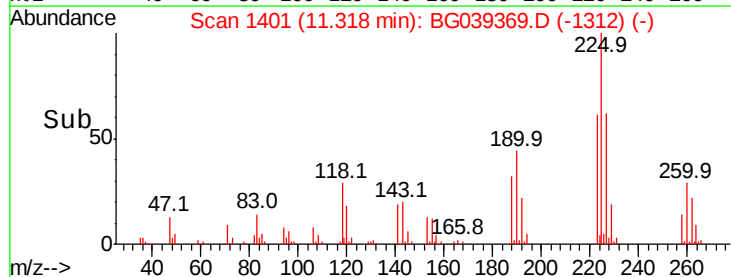
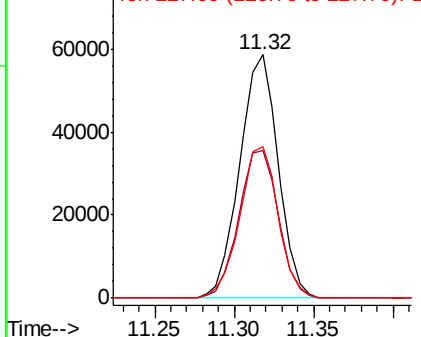


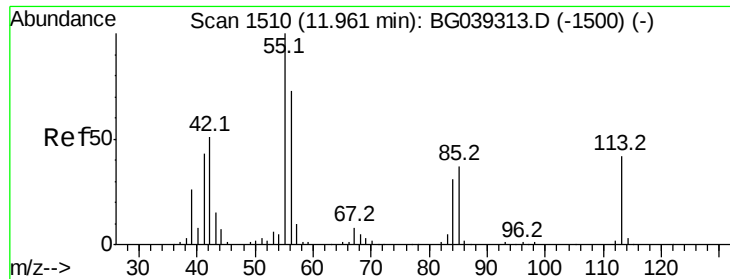
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.098 ng/ml

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tot Ion:113 Resp: 48137

Ion Ratio Lower Upper

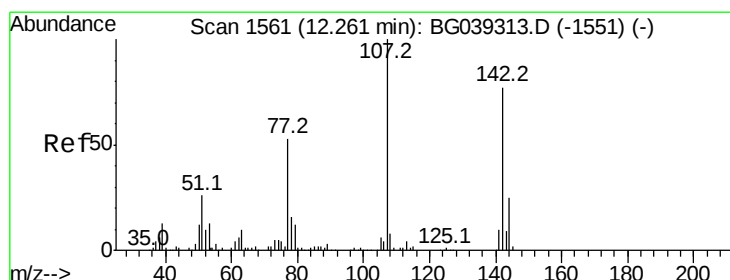
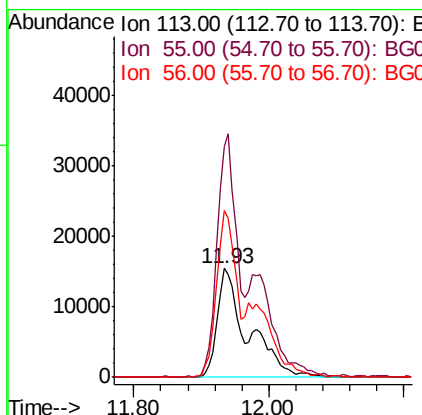
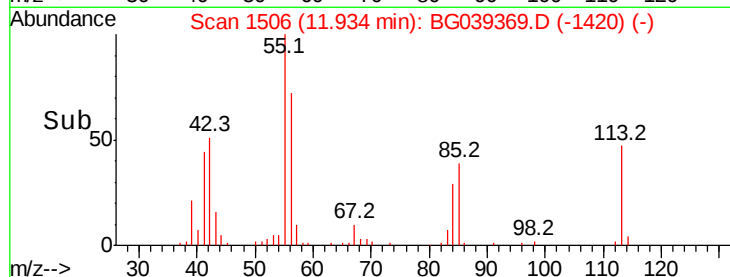
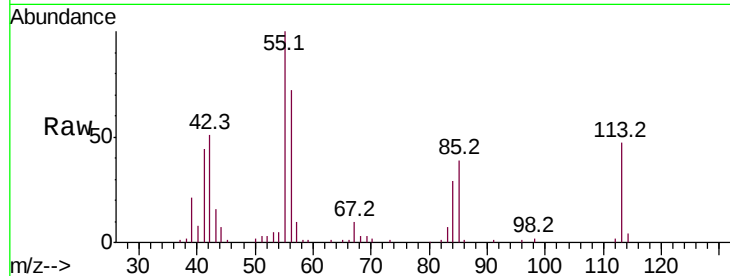
113 100

55 212.2 216.9 256.9#

56 153.5 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 42.171 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

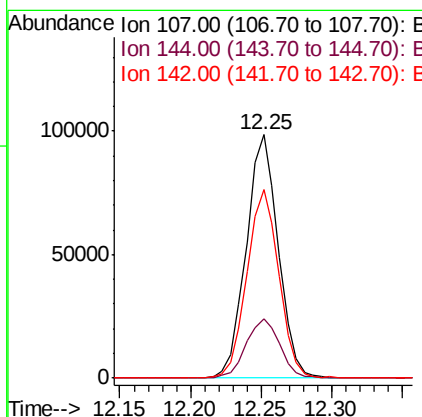
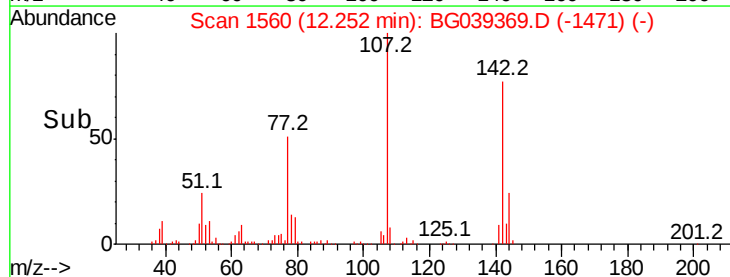
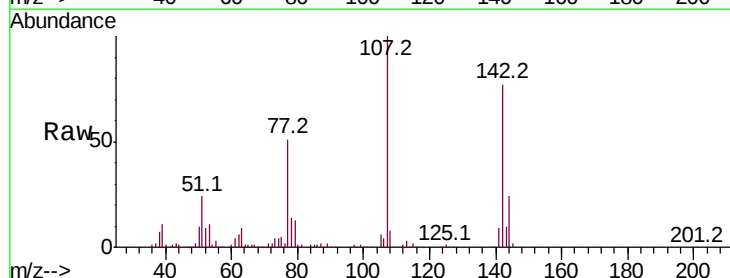
Tgt Ion:107 Resp: 157165

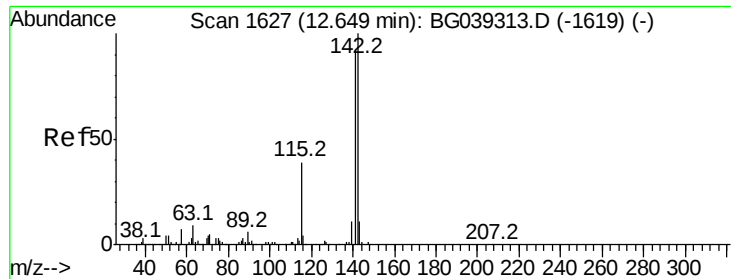
Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

142 77.4 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.445 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

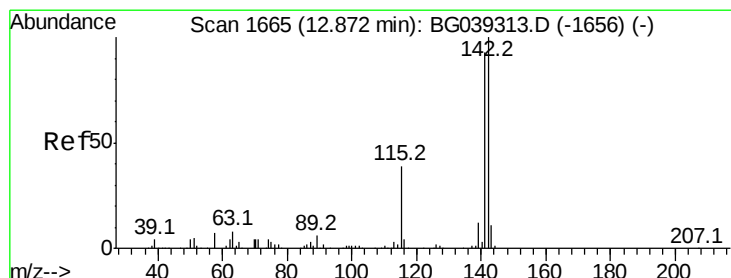
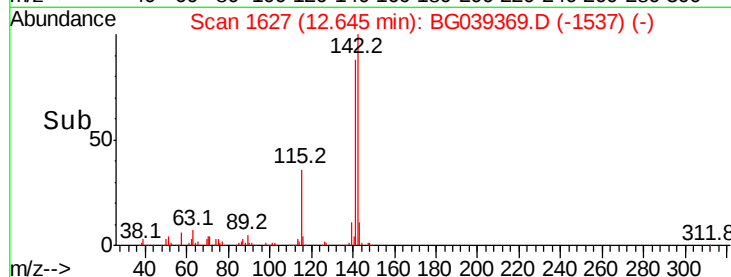
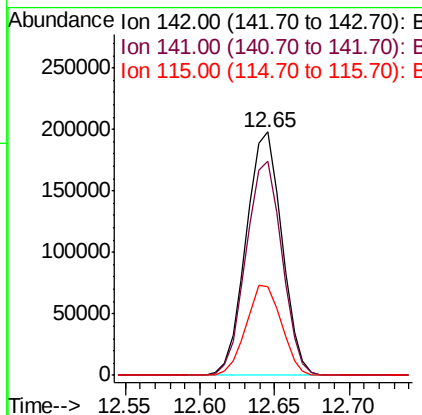
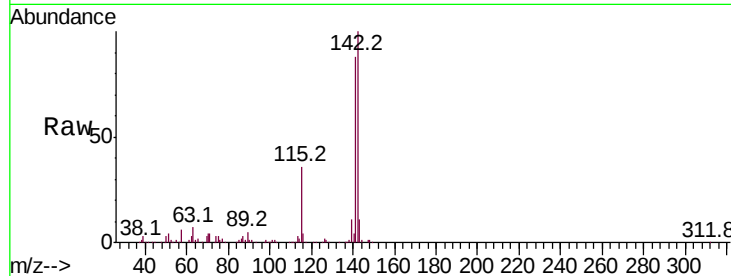
ClientSampled :

PB116862BS

Tot Ion:	142	Resp:	328011
Ion Ratio	Lower	Upper	
142	100		
141	87.9	73.5	110.3
115	36.5	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 42.535 ng

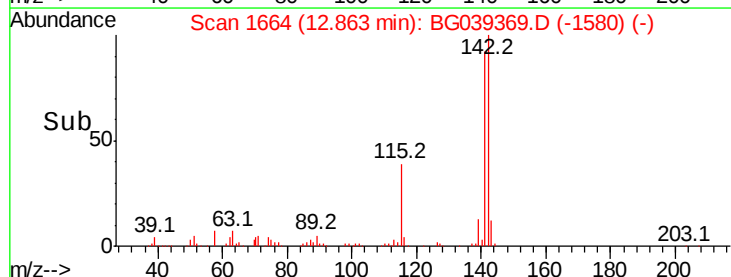
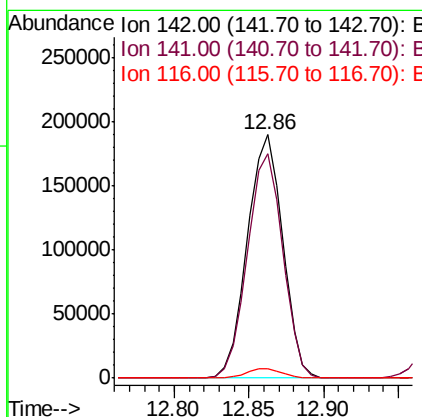
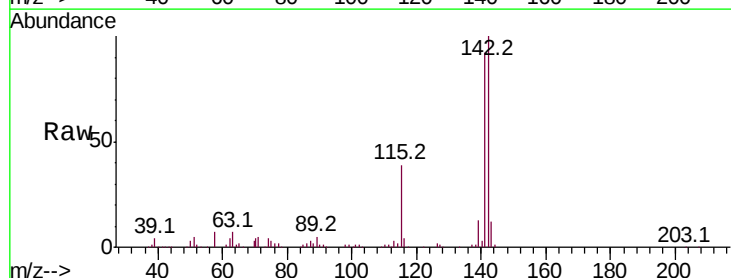
RT: 12.86 min Scan# 1664

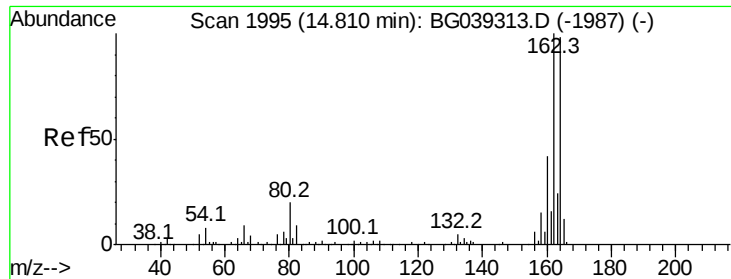
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	142	Resp:	309566
Ion Ratio	Lower	Upper	
142	100		
141	92.3	74.2	111.4
116	3.8	3.0	4.6





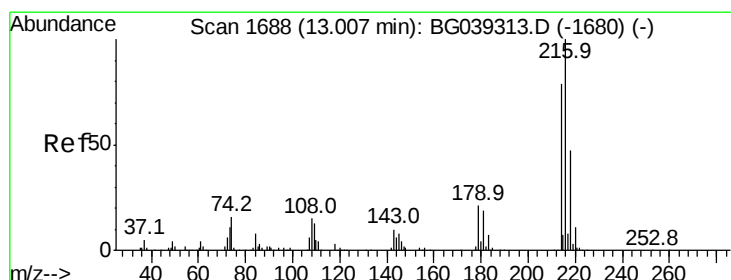
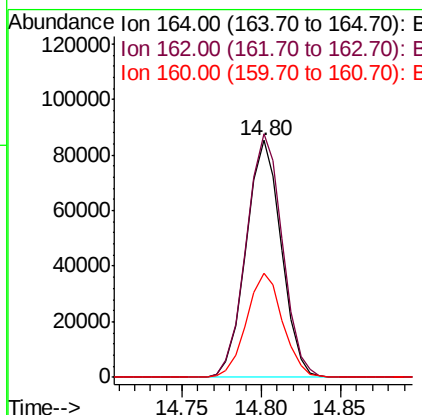
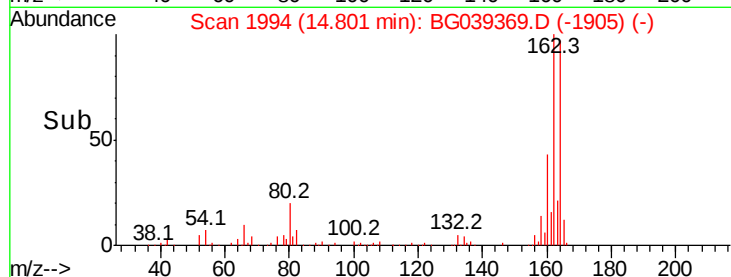
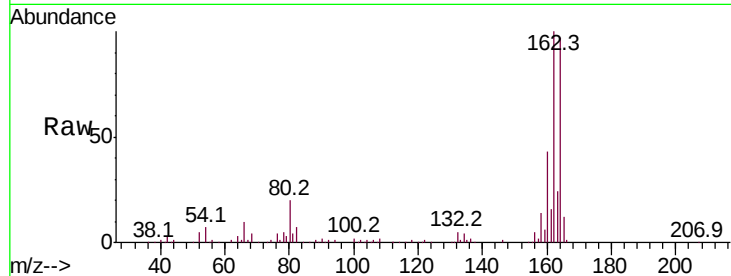
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.6	122.4
160	43.8	34.2	51.2

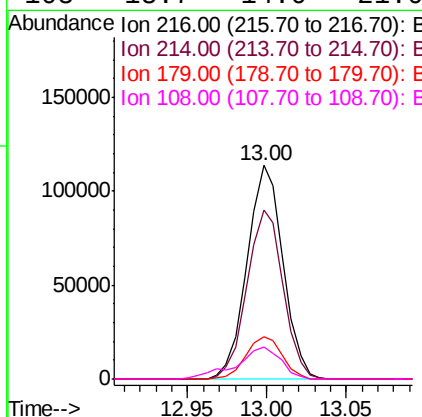
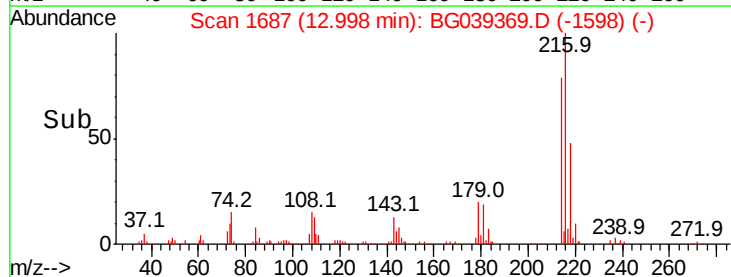
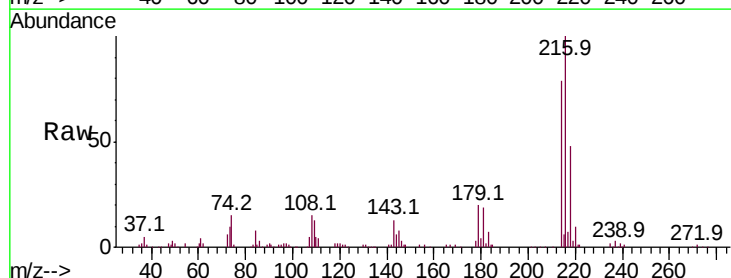
Manual Integrations
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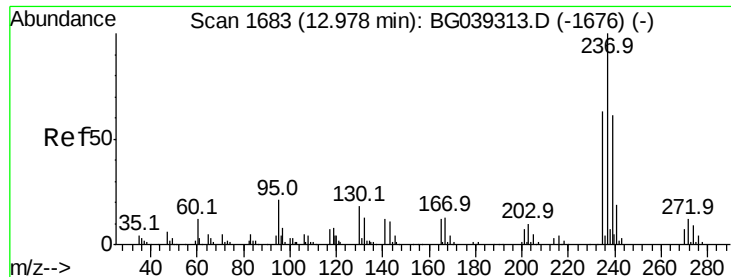
mohammad
2/7/2019 8:40:48 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.728 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.6	94.0
179	20.0	16.6	25.0
108	18.7	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 102.827 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

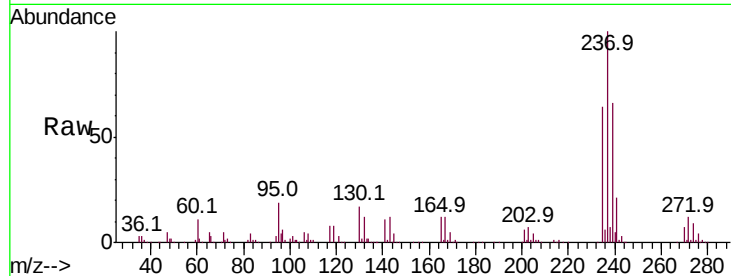
ClientSampleId :

PB116862BS

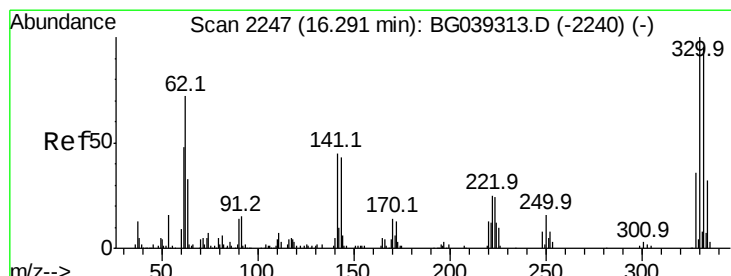
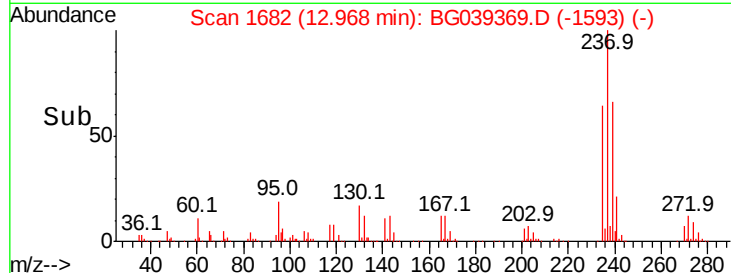
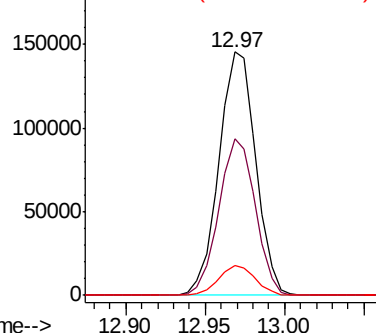
Tot Ion:	237	Resp:	234338
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.3	83.3
272	12.3	0.0	32.3

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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: 161.364 ng

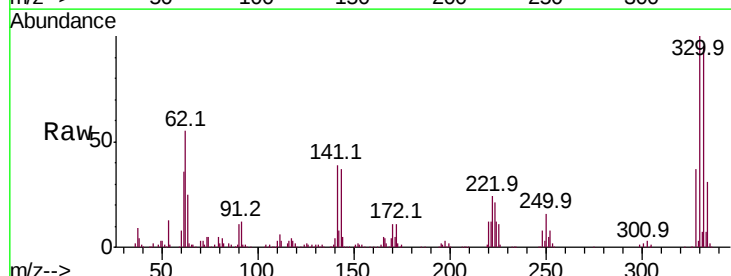
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

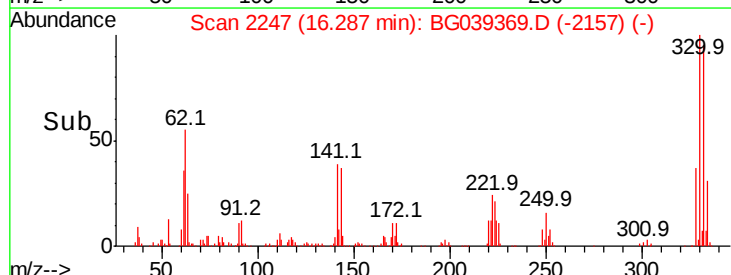
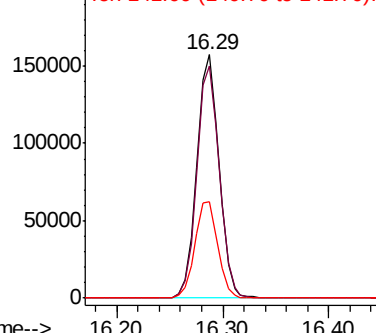
Lab File: BG039369.D

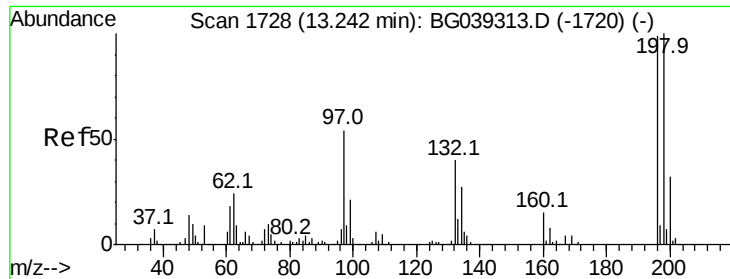
Acq: 6 Feb 2019 14:00

Tgt Ion:	330	Resp:	228402
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.7	113.5
141	41.0	35.6	53.4



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





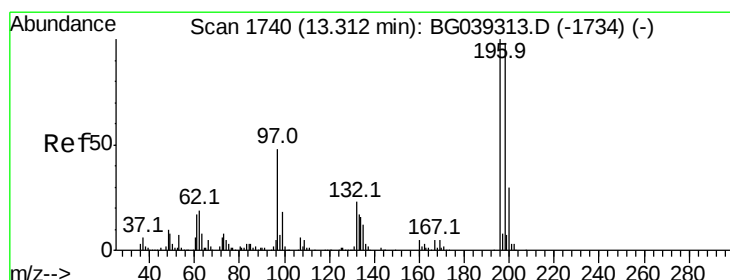
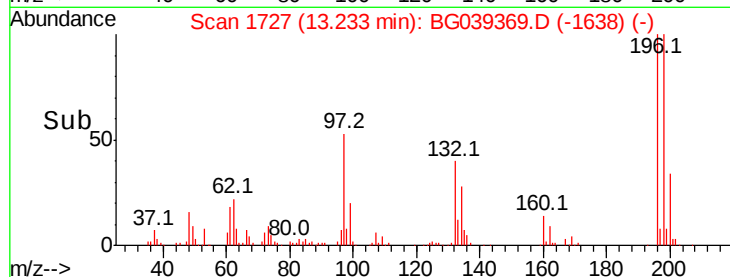
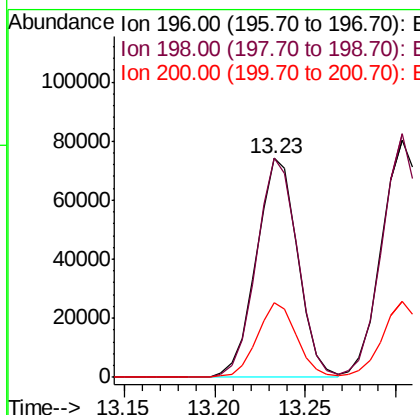
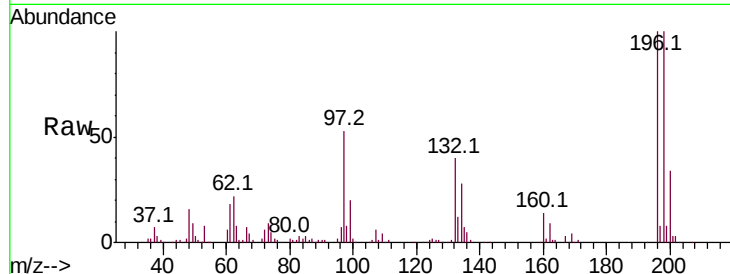
#43
 2,4,6-Trichlorophenol
 Concen: 45.781 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117725		
198	100.2	80.6	121.0	
200	34.0	26.1	39.1	

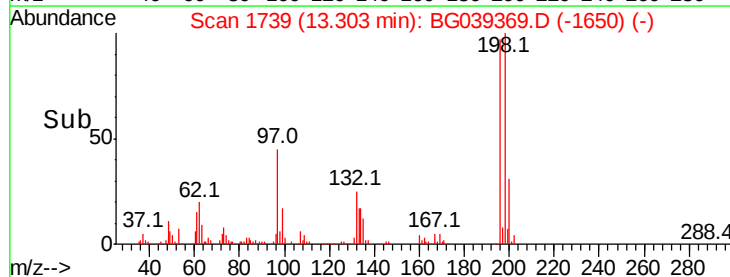
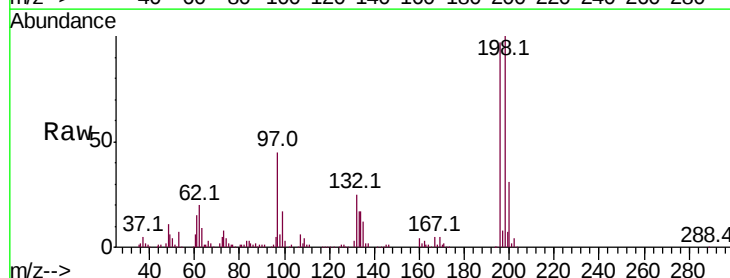
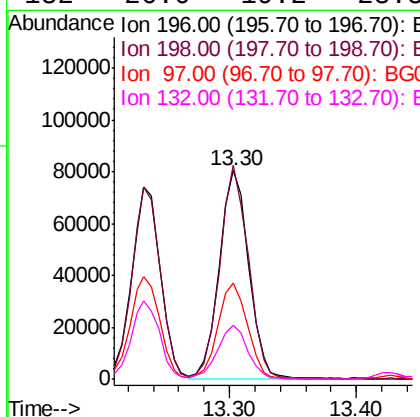
Manual Integrations
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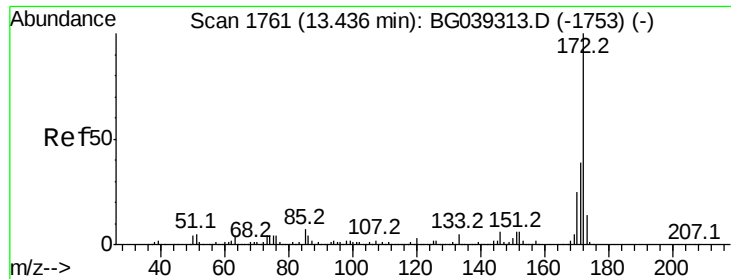
mohammad
 2/7/2019 8:40:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.273 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130100		
198	102.7	78.5	117.7	
97	46.0	38.4	57.6	
132	26.0	19.2	28.8	





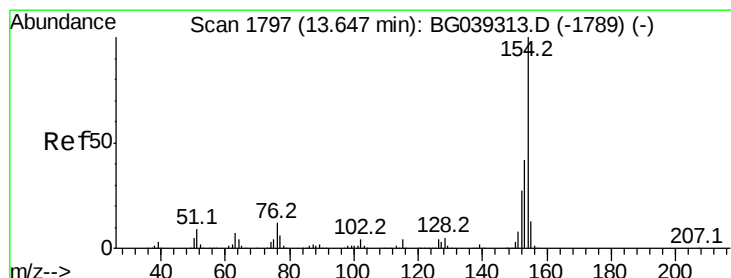
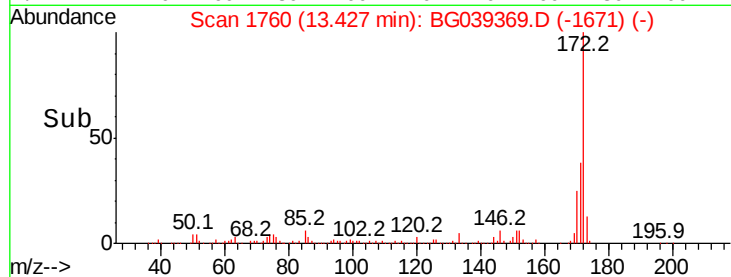
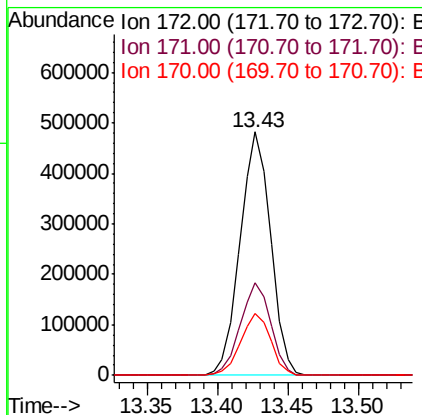
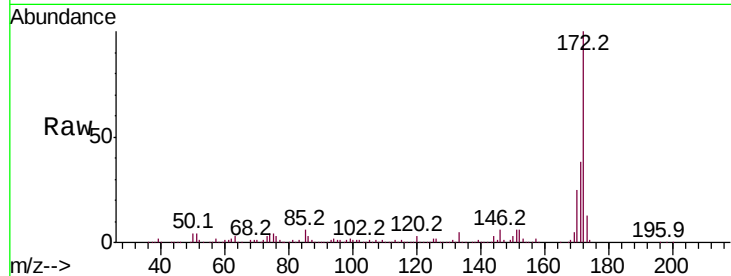
#45
2-Fluorobiphenyl
Concen: 79.603 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	729394		
171	38.2		30.8	46.2
170	25.2		20.2	30.4

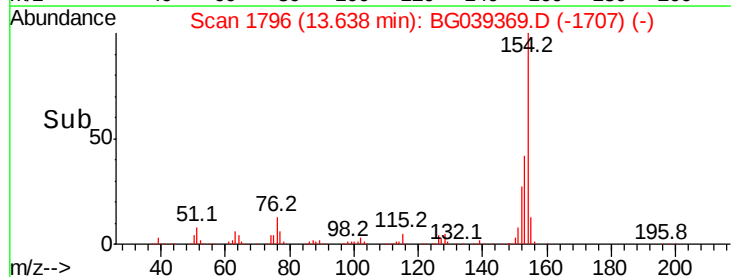
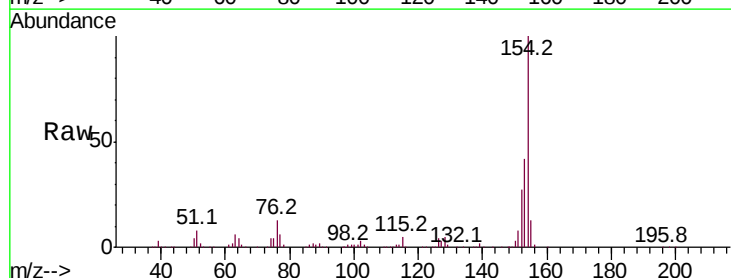
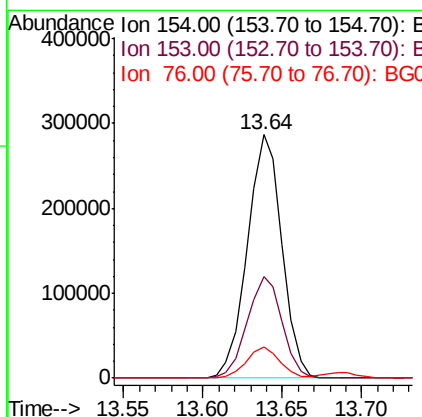
Manual Integrations
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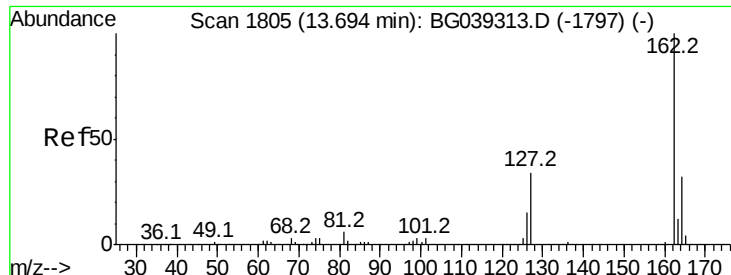
mohammad
2/7/2019 8:40:48 AM



#46
1,1'-Biphenyl
Concen: 39.536 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	432392		
153	41.7		22.1	62.1
76	12.7		0.0	32.4





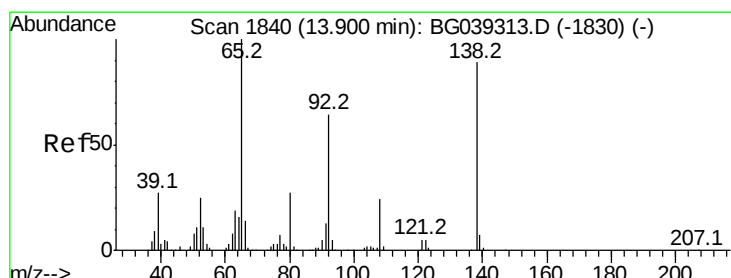
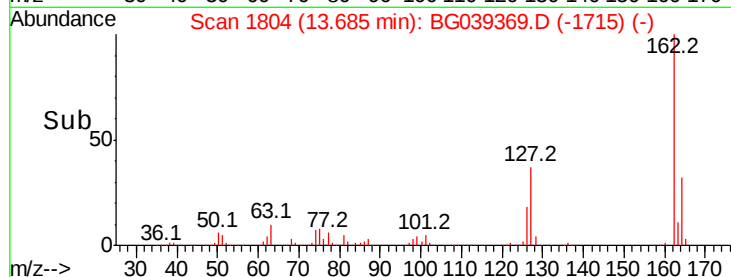
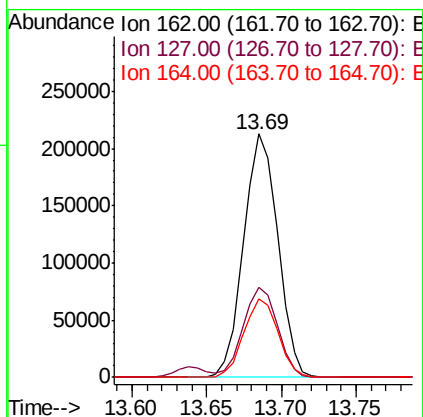
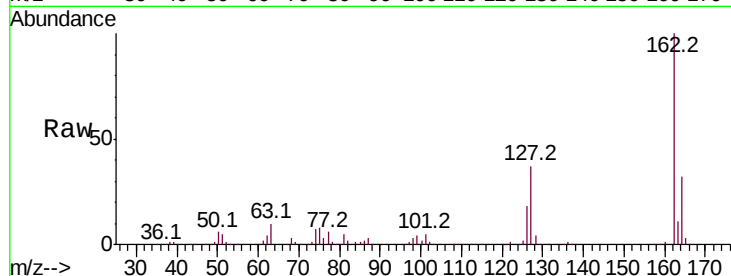
#47
2-Chloronaphthalene
Concen: 40.858 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.1	31.0	46.6
164	32.4	25.7	38.5

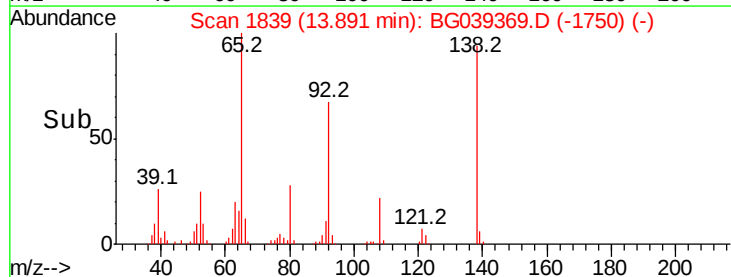
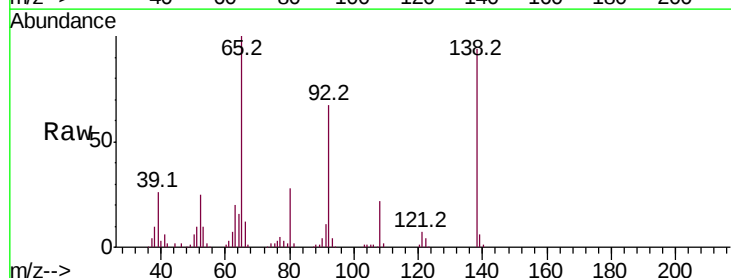
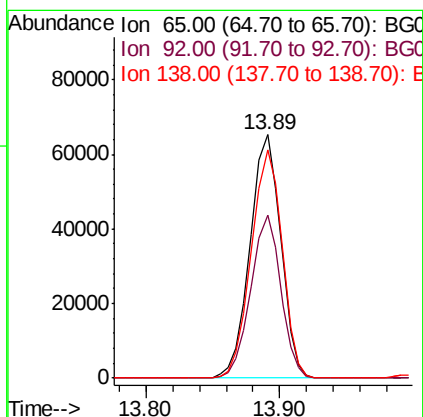
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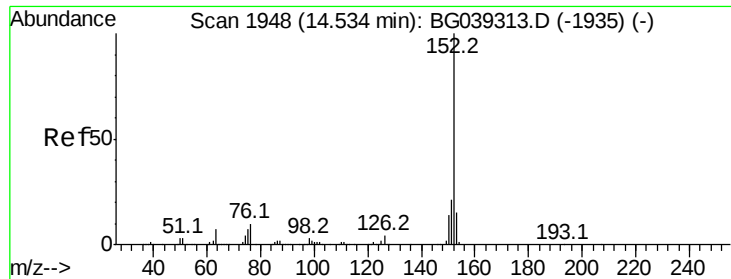
mohammad
2/7/2019 8:40:48 AM



#48
2-Nitroaniline
Concen: 44.621 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.1	51.4	77.2
138	93.8	71.4	107.2





#49

Acenaphthylene

Concen: 42.886 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

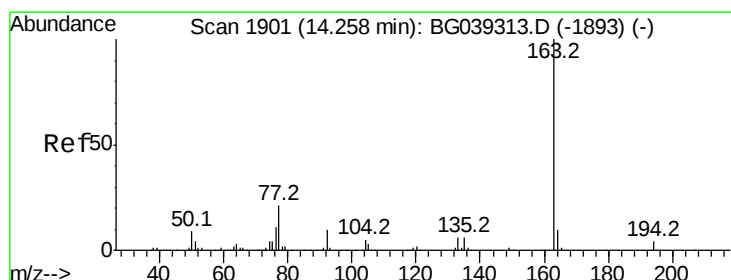
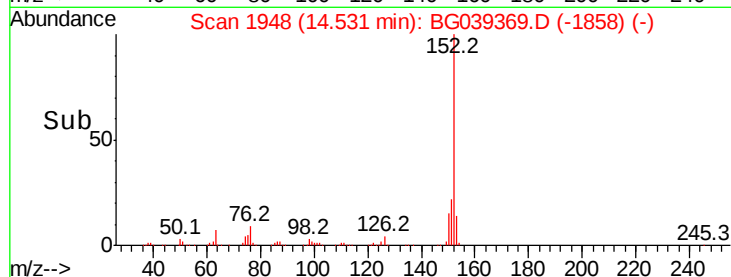
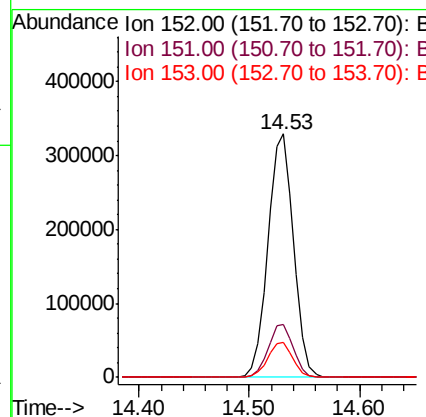
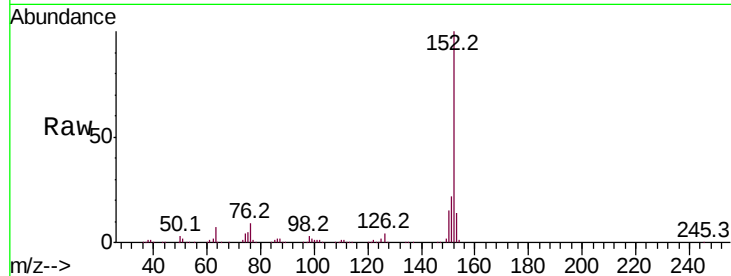
ClientSampleId :

PB116862BS

Tot Ion:	152	Resp:	532408
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.3	11.7	17.5

Manual Integrations
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mohammad
2/7/2019 8:40:48 AM



#50

Dimethylphthalate

Concen: 40.327 ng

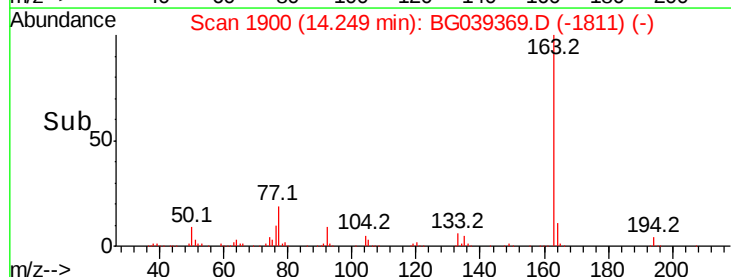
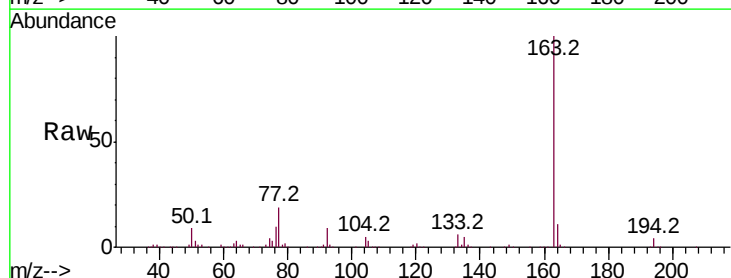
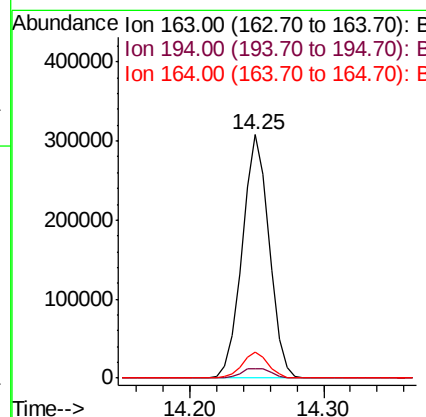
RT: 14.25 min Scan# 1900

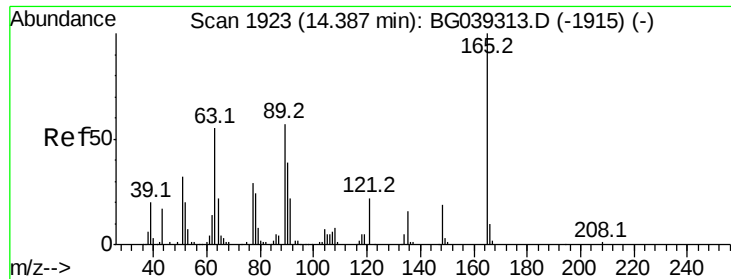
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	163	Resp:	428112
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.8	8.4	12.6





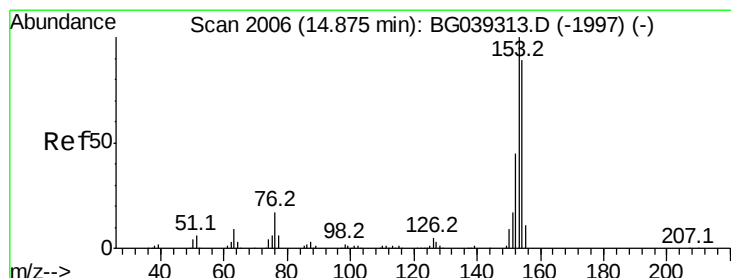
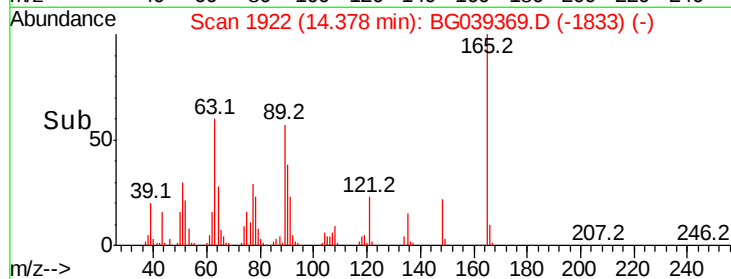
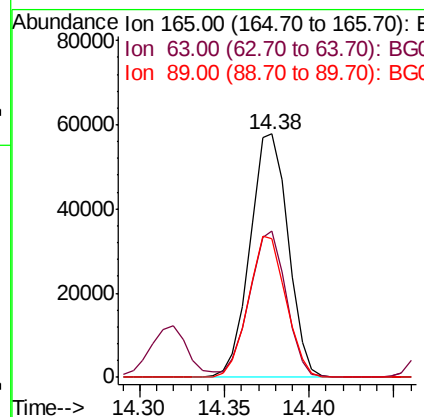
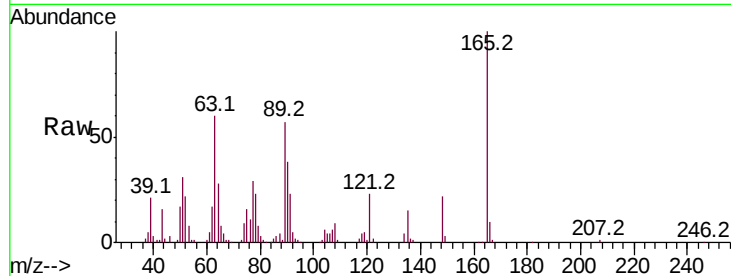
#51
 2,6-Dinitrotoluene
 Concen: 46.012 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	47.0	70.6
89	56.8	45.8	68.8

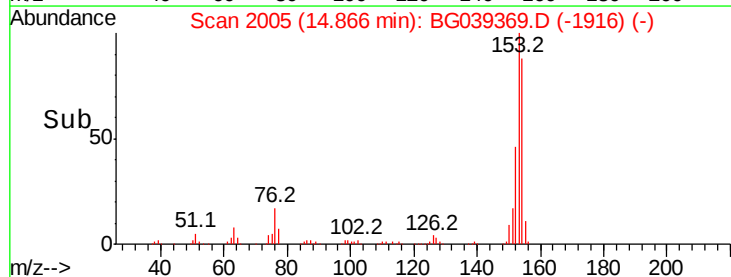
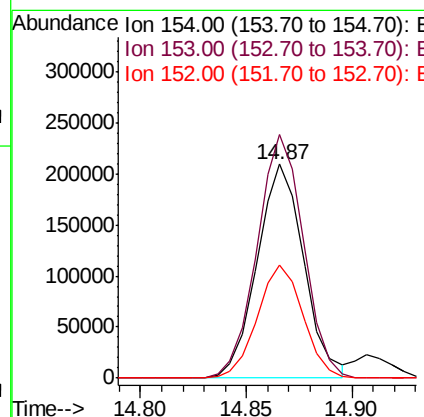
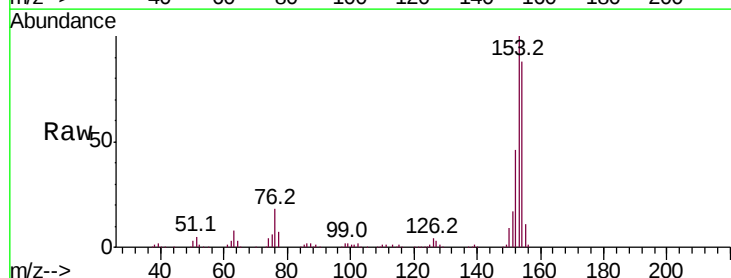
Manual Integrations
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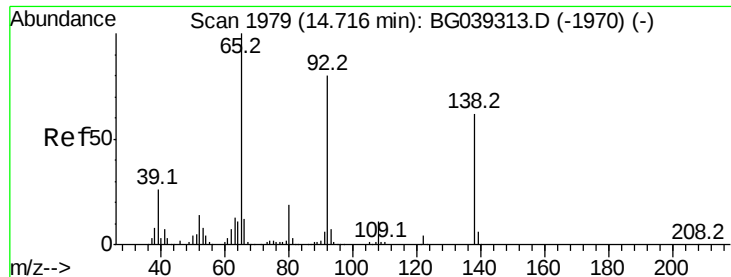
mohammad
 2/7/2019 8:40:48 AM



#52
 Acenaphthene
 Concen: 39.998 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	52.8	40.9	61.3





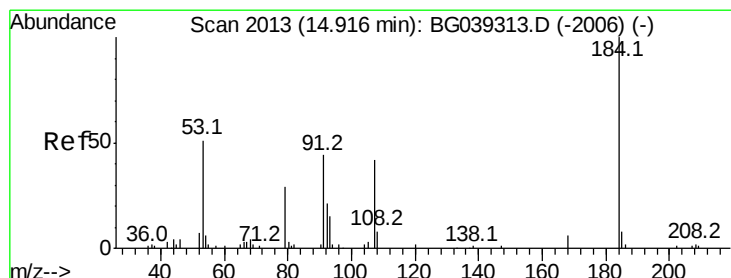
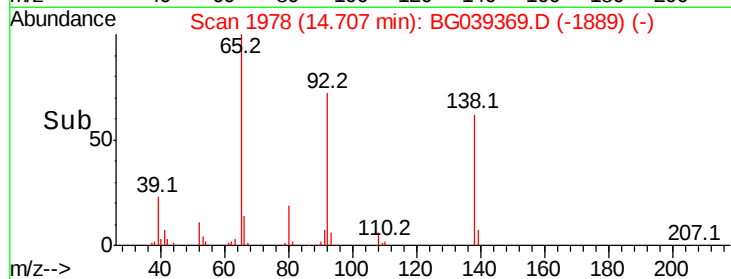
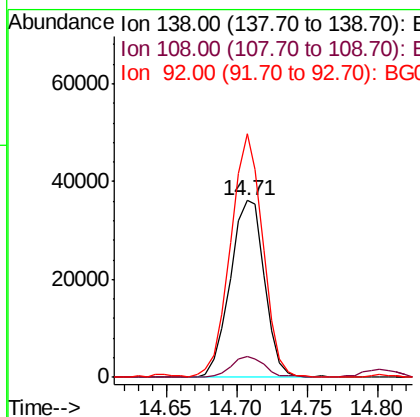
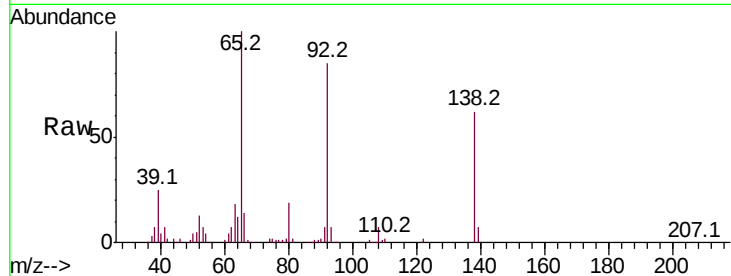
#53
3-Nitroaniline
Concen: 30.859 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion:138 Resp: 61028
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 137.8 103.7 155.5

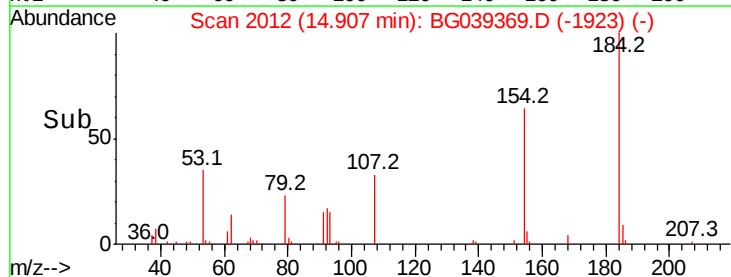
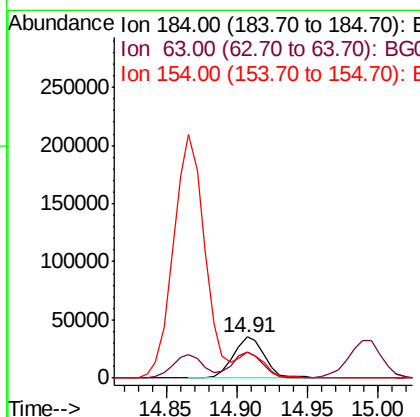
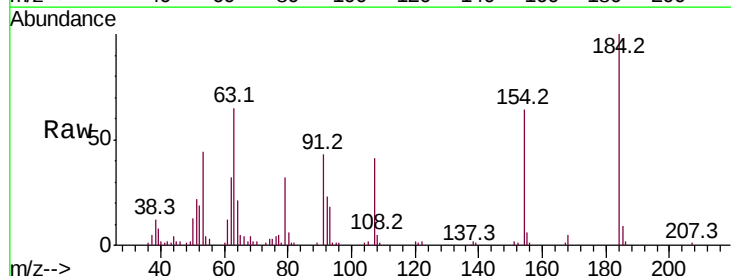
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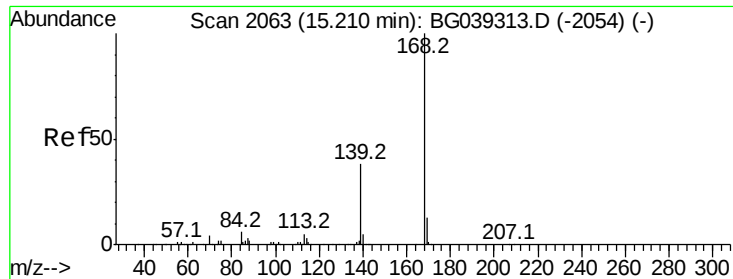
mohammad
2/7/2019 8:40:48 AM



#54
2,4-Dinitrophenol
Concen: 68.037 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion:184 Resp: 55303
Ion Ratio Lower Upper
184 100
63 64.9 50.9 76.3
154 64.2 53.0 79.6





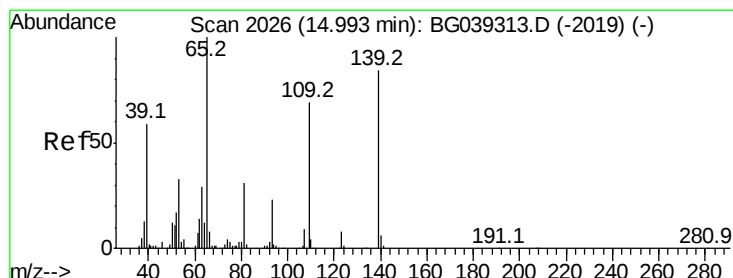
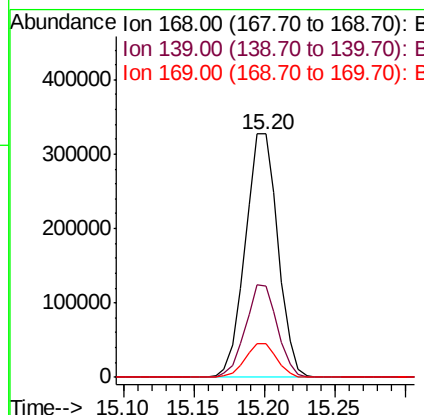
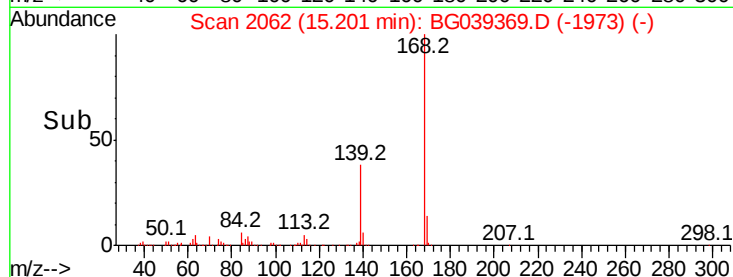
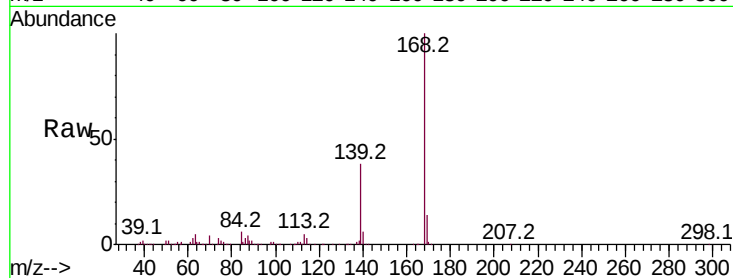
#55
Dibenzofuran
Concen: 40.962 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.9	10.6	16.0

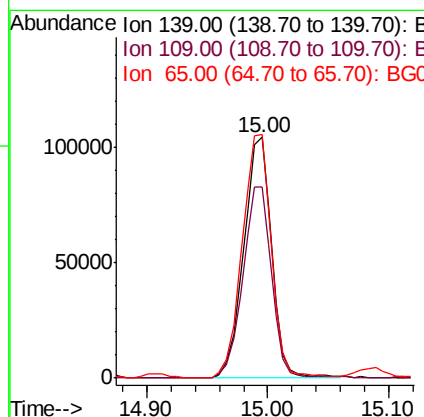
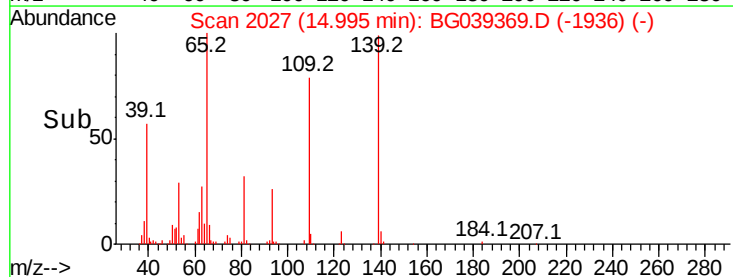
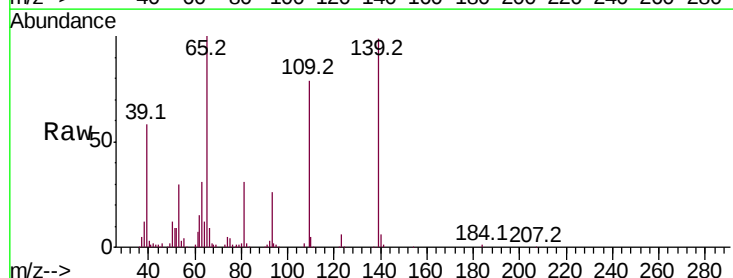
Manual Integrations
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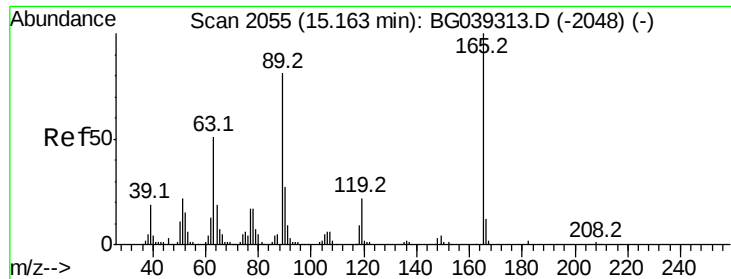
mohammad
2/7/2019 8:40:48 AM



#56
4-Nitrophenol
Concen: 87.056 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	61.9	101.9
65	101.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 49.951 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampled :

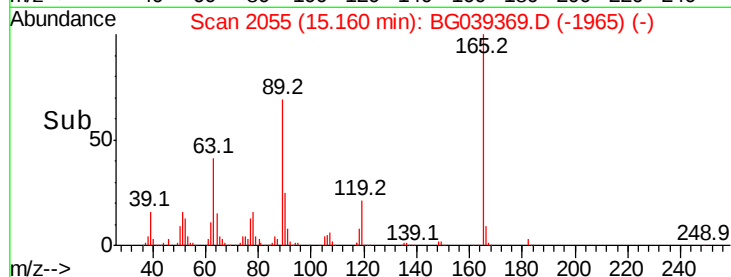
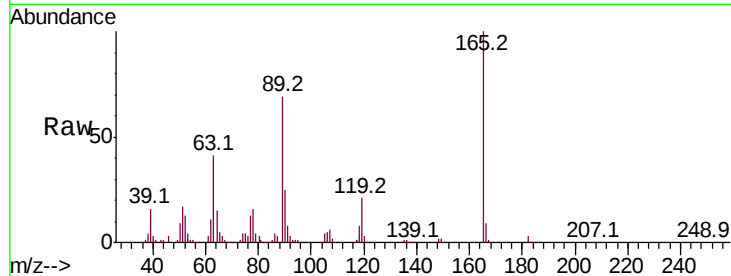
PB116862BS

Tot Ion:165 Resp: 127918
Ion Ratio Lower Upper

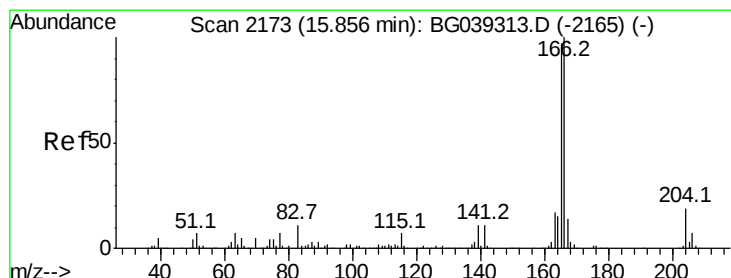
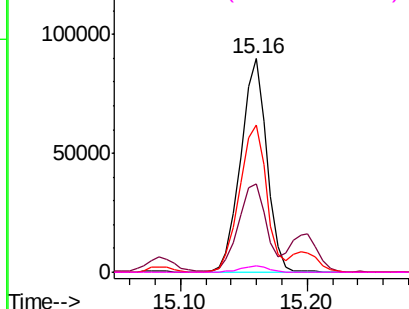
165	100		
63	41.2	41.0	61.6
89	69.0	64.6	96.8
182	3.2	2.0	3.0#

Manual Integrations
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mohammad
2/7/2019 8:40:48 AM



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: 42.797 ng

RT: 15.85 min Scan# 2172

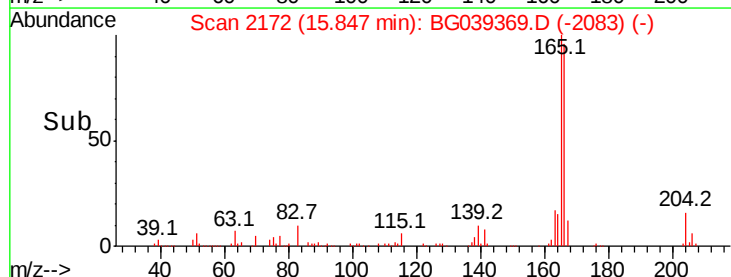
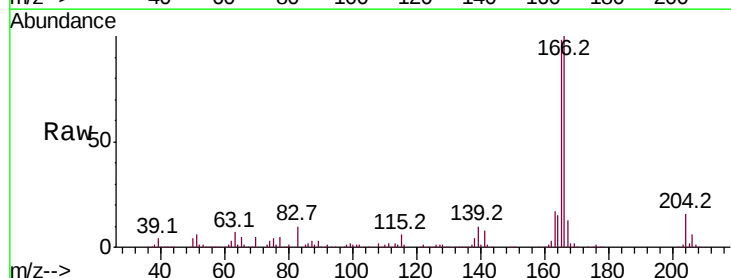
Delta R.T. -0.01 min

Lab File: BG039369.D

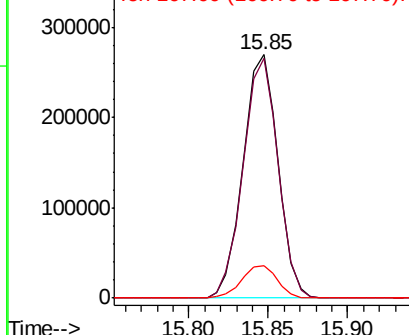
Acq: 6 Feb 2019 14:00

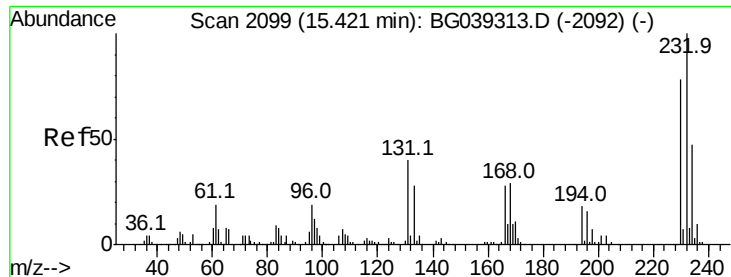
Tgt Ion:166 Resp: 412203
Ion Ratio Lower Upper

166	100		
165	98.3	77.9	116.9
167	13.5	10.8	16.2



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





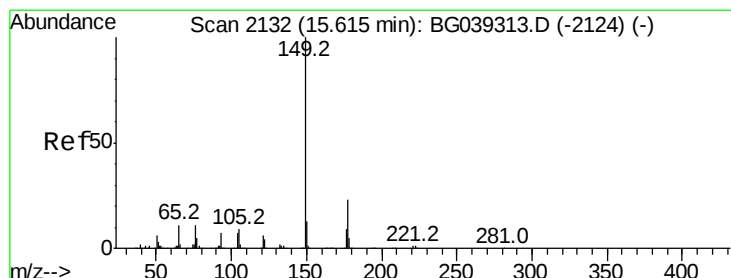
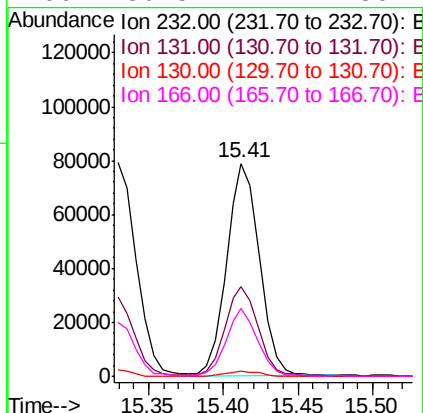
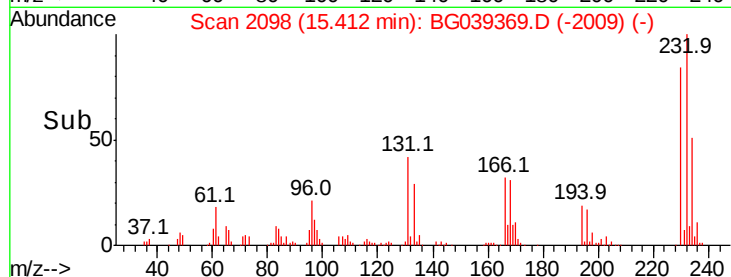
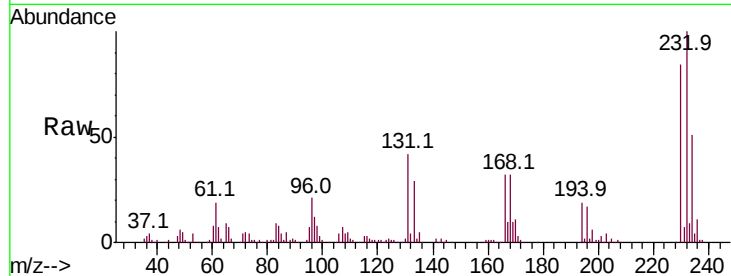
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.123 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.9	52.3
130	2.4	2.0	3.0
166	30.5	24.1	36.1

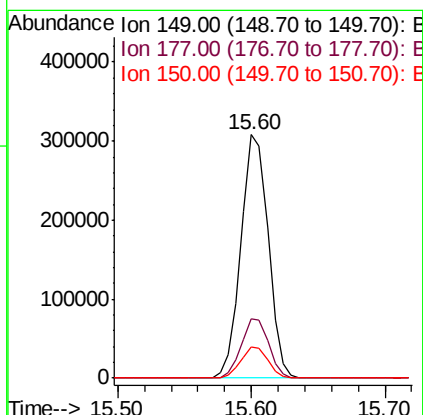
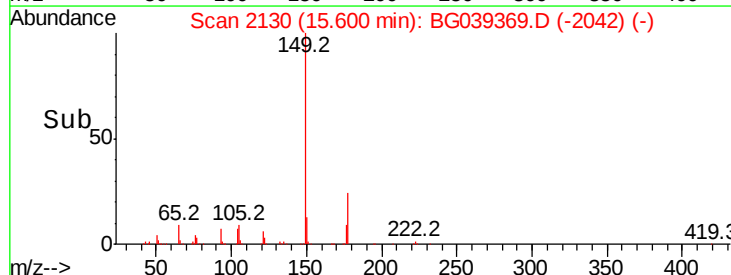
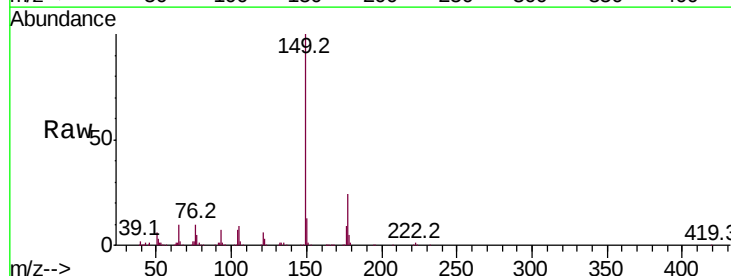
Manual Integrations
 APPROVED

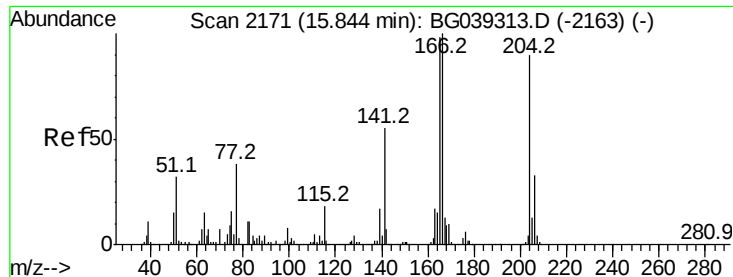
mohammad
 2/7/2019 8:40:48 AM



#60
 Diethylphthalate
 Concen: 39.617 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.9	10.2	15.2





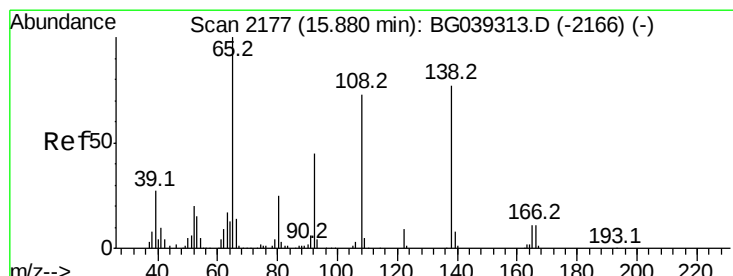
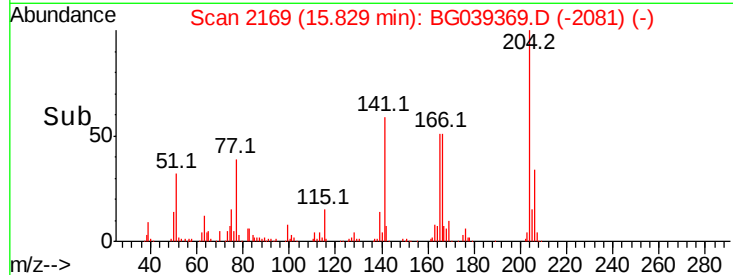
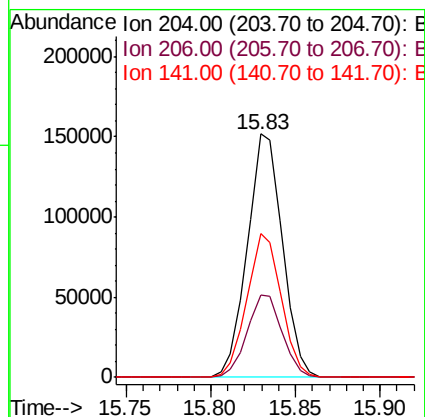
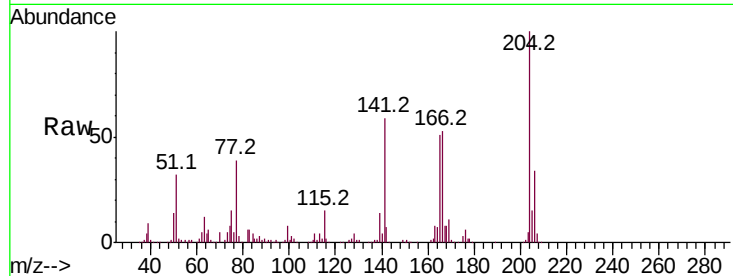
#61
4-Chlorophenyl-phenylether
Concen: 40.219 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	29.2	43.8
141	59.2	49.0	73.4

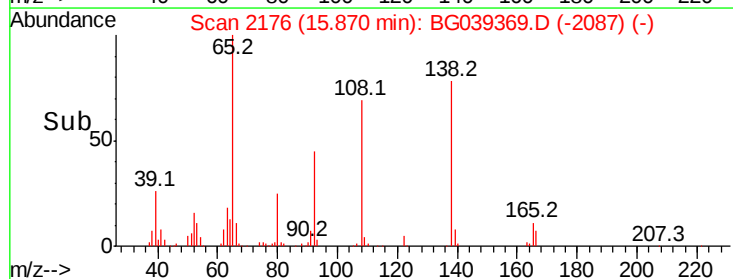
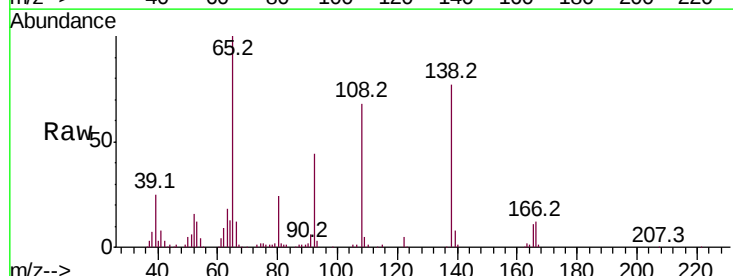
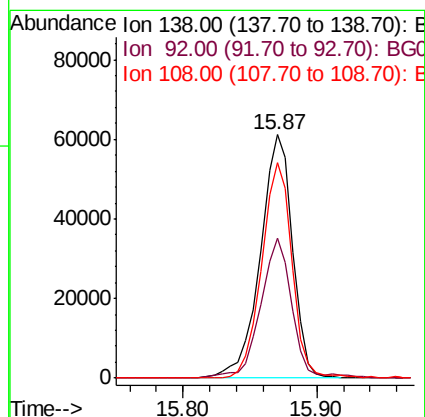
Manual Integrations
APPROVED

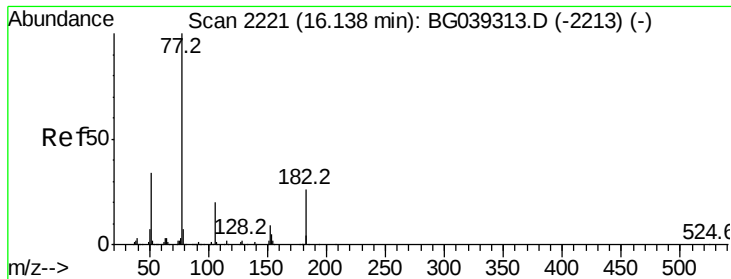
mohammad
2/7/2019 8:40:48 AM



#62
4-Nitroaniline
Concen: 45.866 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	38.7	78.7
108	88.5	74.6	114.6





#63

Azobenzene

Concen: 37.493 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

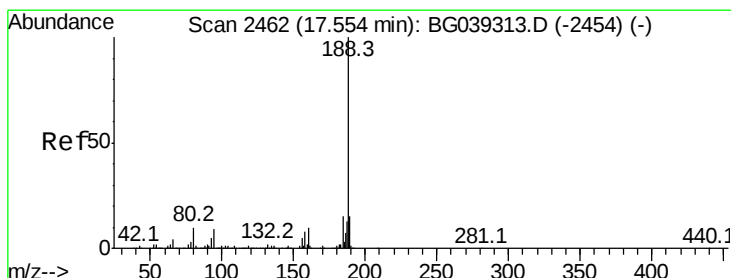
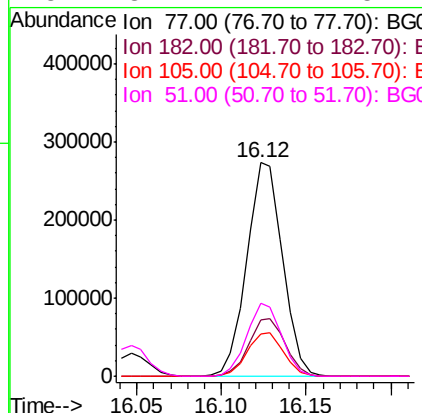
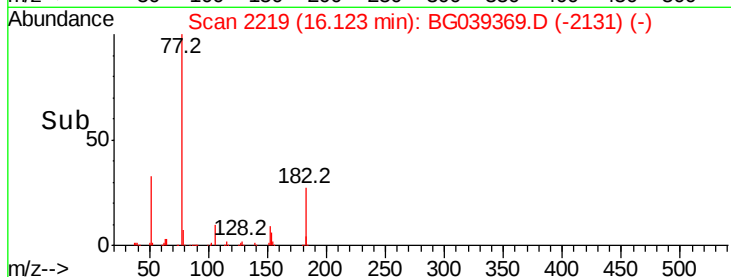
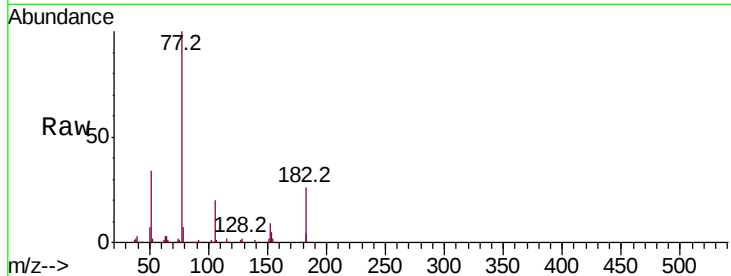
ClientSampleId :

PB116862BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.1	6.4	46.4		
105	19.6	0.0	39.8		
51	34.2	14.1	54.1		

Manual Integrations
APPROVED

mohammad
2/7/2019 8:40:48 AM



#64

Phenanthrene-d10

Concen: 20.000 ng

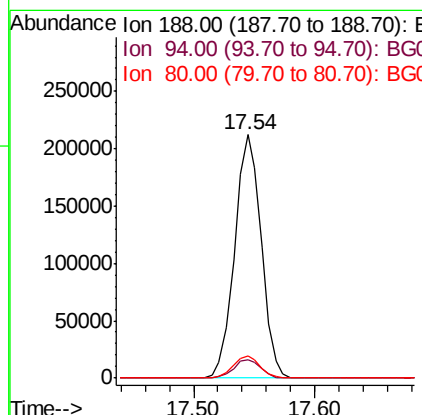
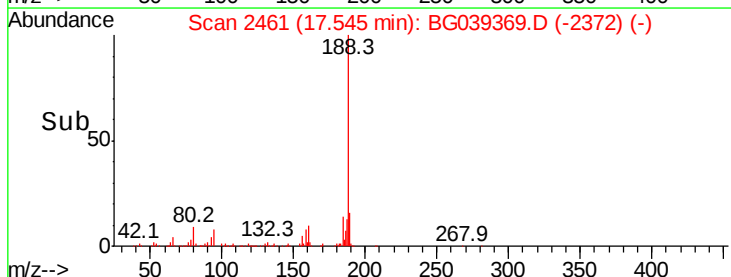
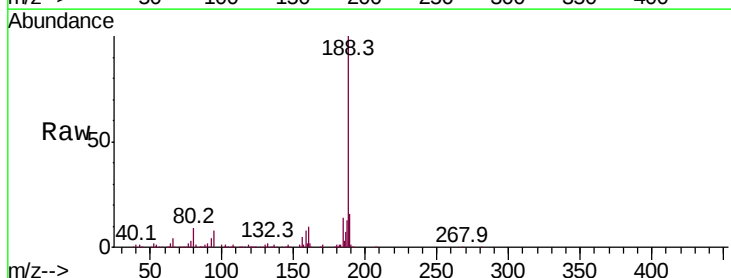
RT: 17.54 min Scan# 2461

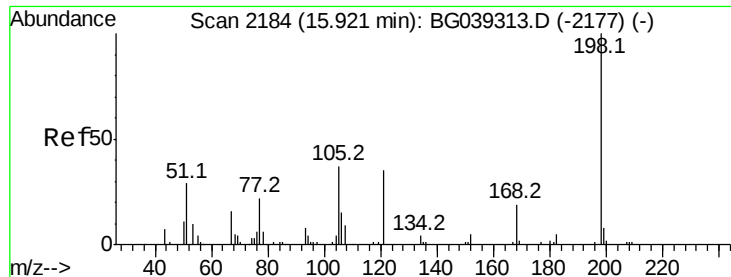
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.6	6.9	10.3		
80	9.1	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.650 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tot Ion:198 Resp: 55328

Ion Ratio Lower Upper

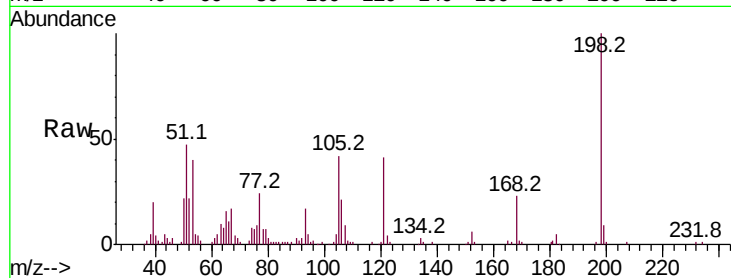
198 100

51 47.0 27.4 67.4

105 41.9 19.7 59.7

Manual Integrations
APPROVED

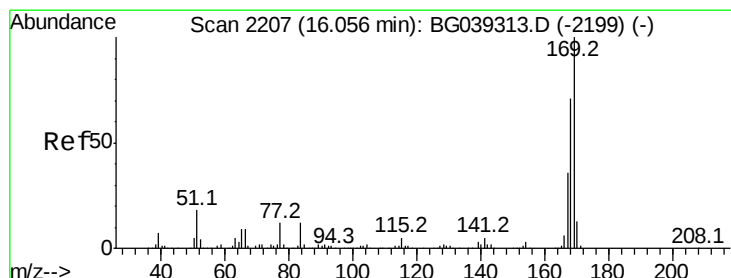
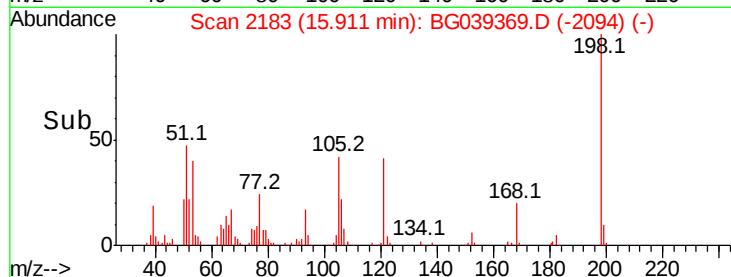
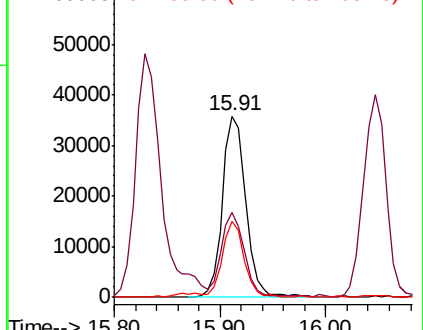
mohammad
2/7/2019 8:40:48 AM



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: 38.582 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

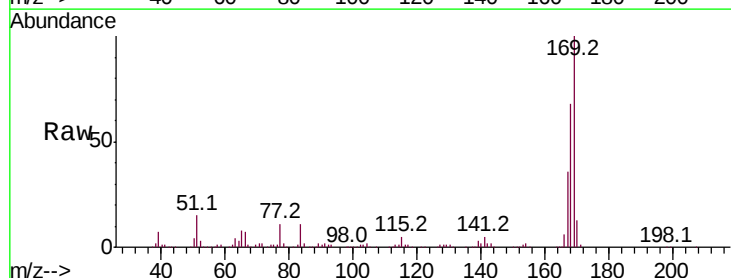
Tgt Ion:169 Resp: 380006

Ion Ratio Lower Upper

169 100

168 68.3 56.6 85.0

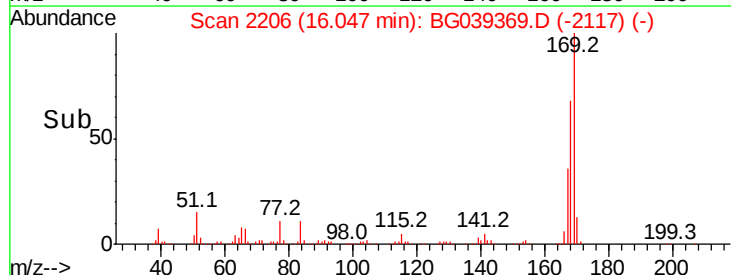
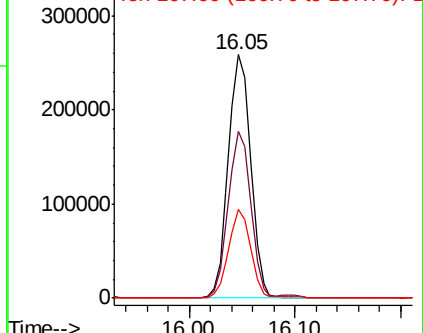
167 36.4 28.8 43.2

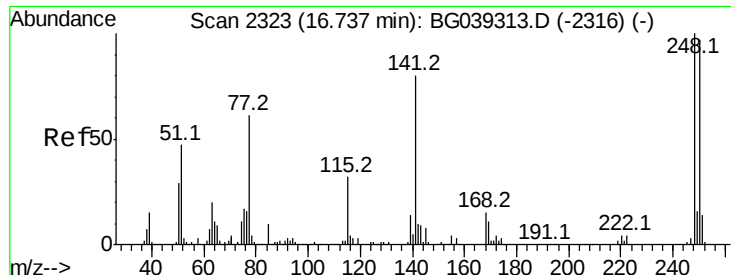


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





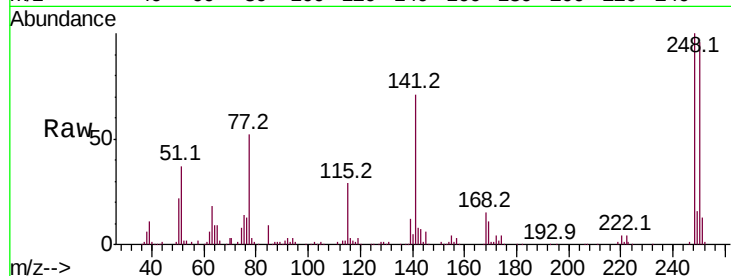
#67
4-Bromophenyl-phenylether
Concen: 39.827 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.6	116.4
141	71.2	63.9	95.9

Manual Integrations
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2/7/2019 8:40:48 AM

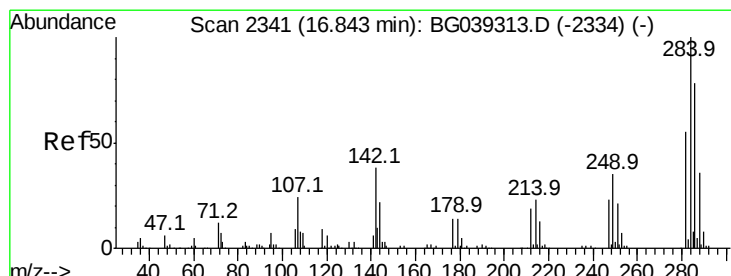
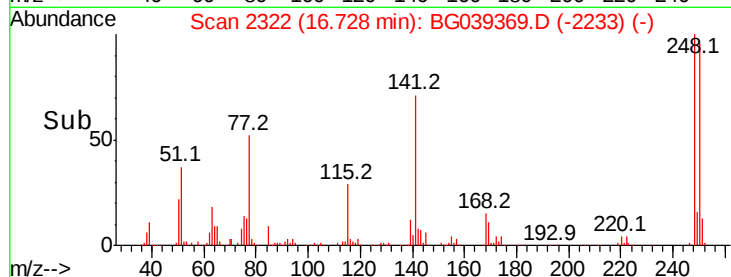
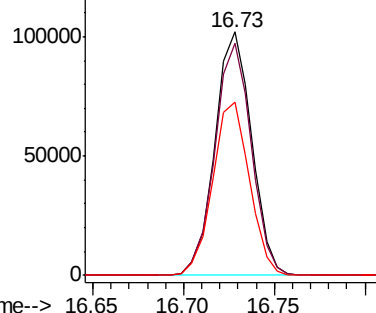


Abundance

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: 41.170 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

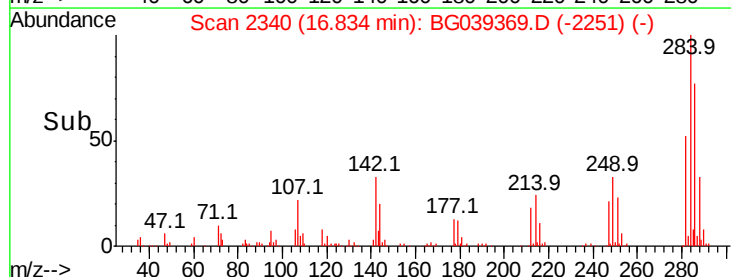
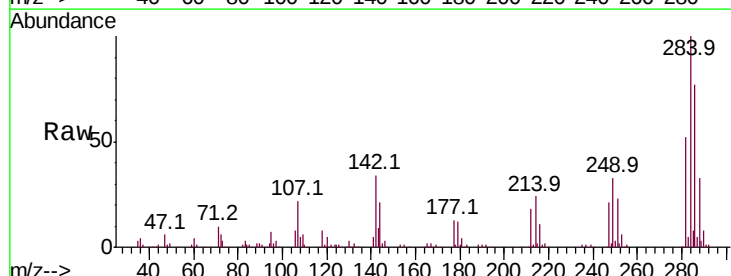
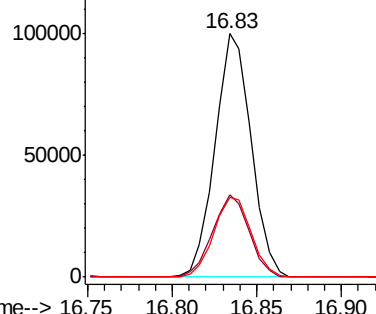
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	33.0	28.2	42.2

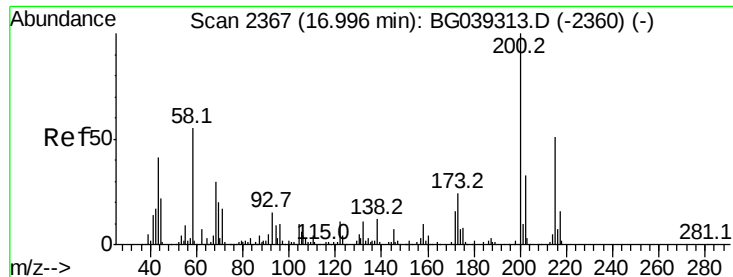
Abundance

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





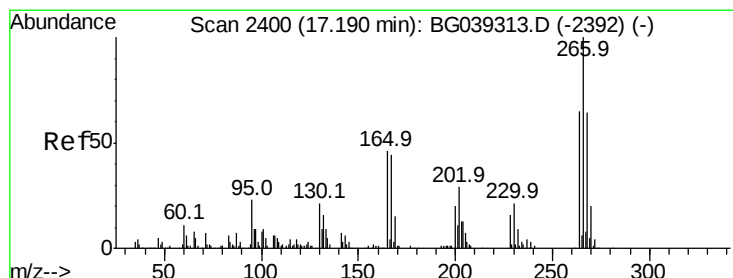
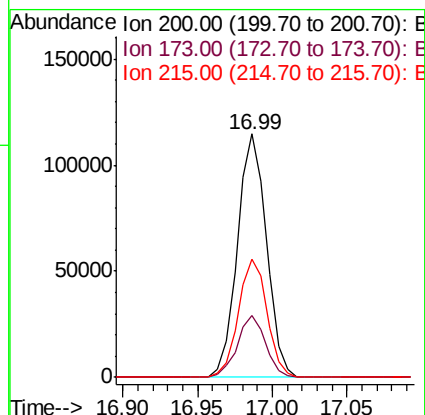
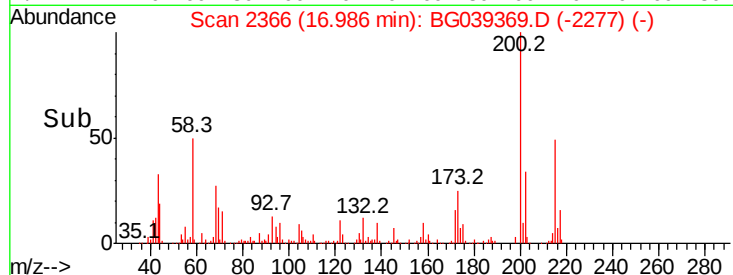
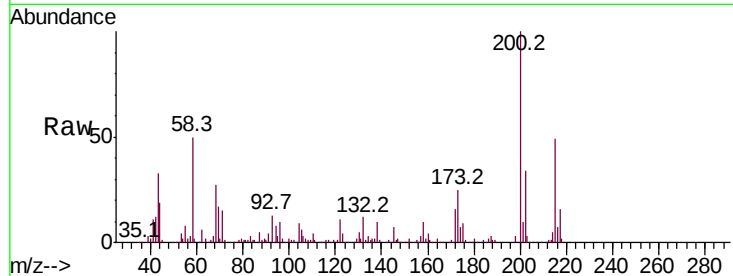
#69
Atrazine
Concen: 43.160 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	3.9	43.9
215	48.7	30.9	70.9

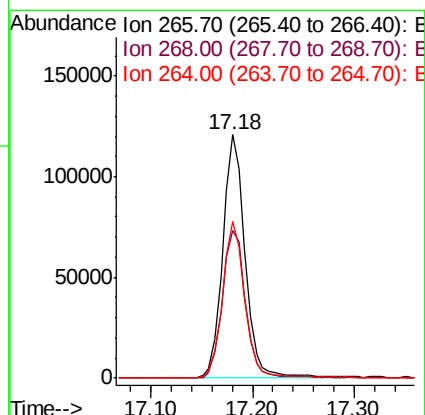
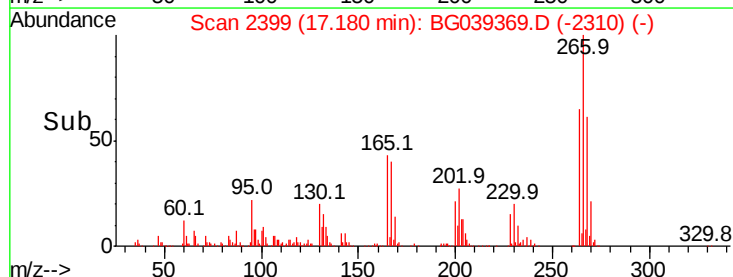
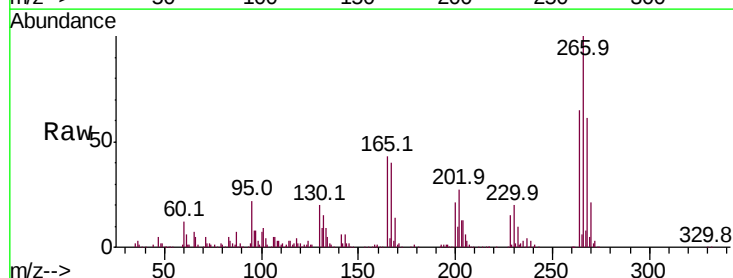
Manual Integrations
APPROVED

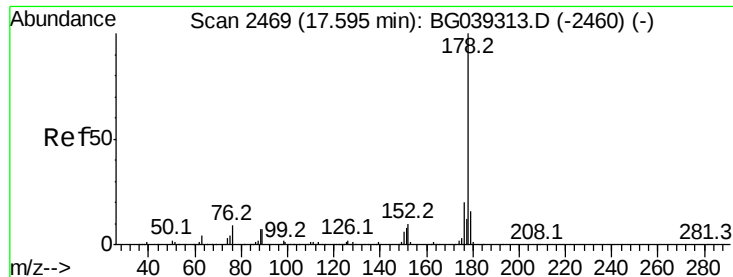
mohammad
2/7/2019 8:40:48 AM



#70
Pentachlorophenol
Concen: 73.743 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.7	51.1	76.7
264	64.5	52.1	78.1





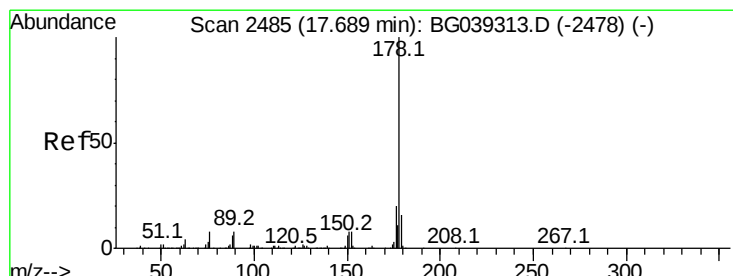
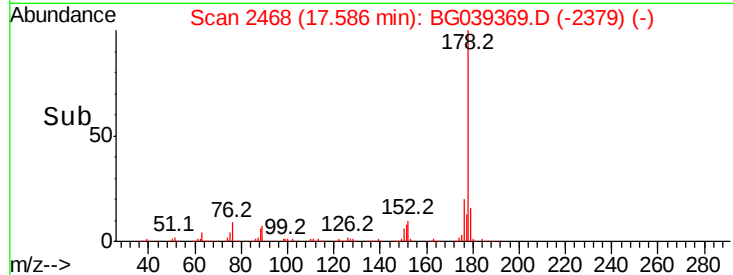
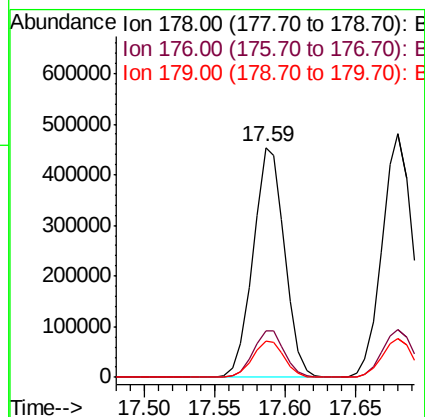
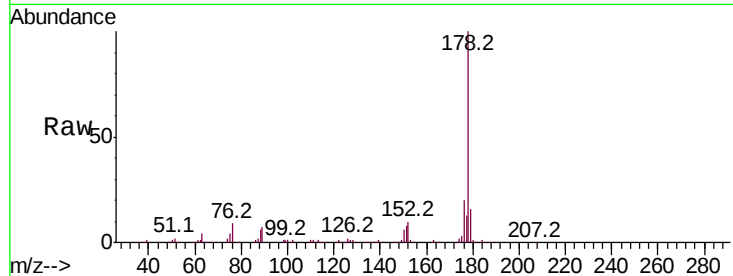
#71
Phenanthrene
Concen: 42.308 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.0	12.6	19.0

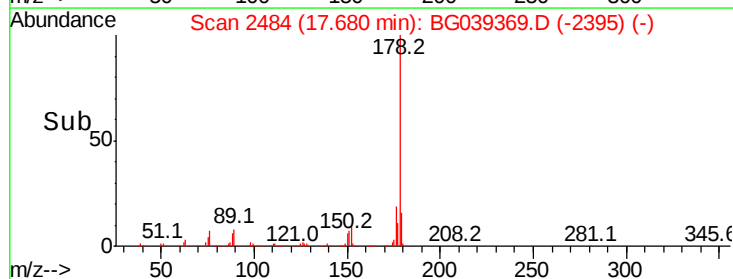
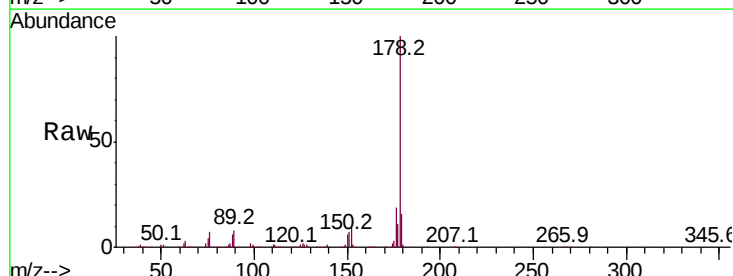
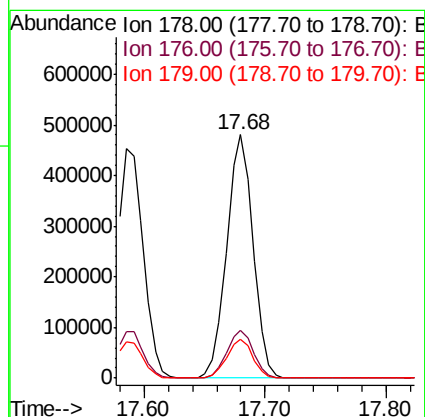
Manual Integrations
APPROVED

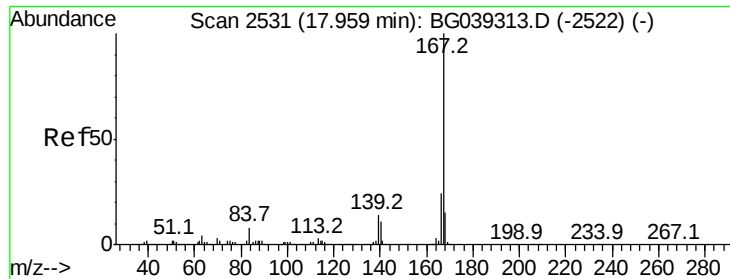
mohammad
2/7/2019 8:40:48 AM



#72
Anthracene
Concen: 43.815 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.9	12.5	18.7





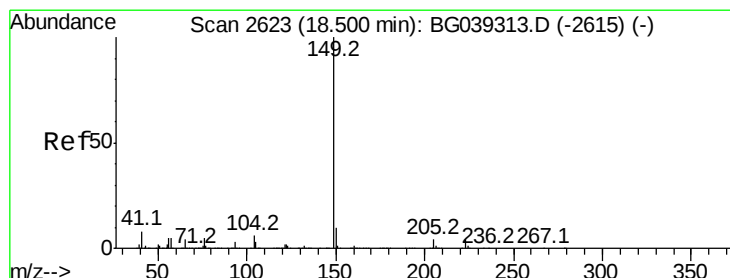
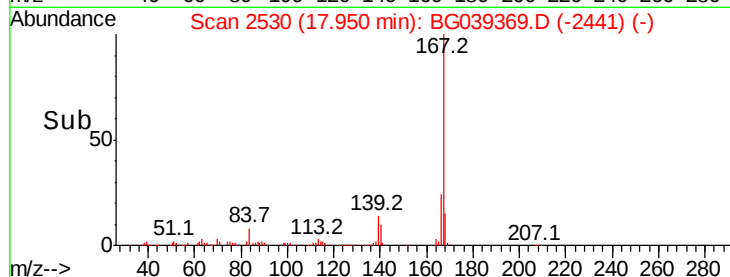
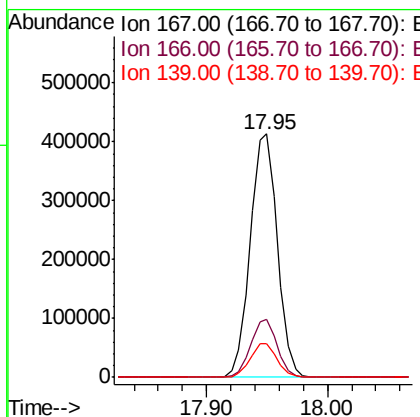
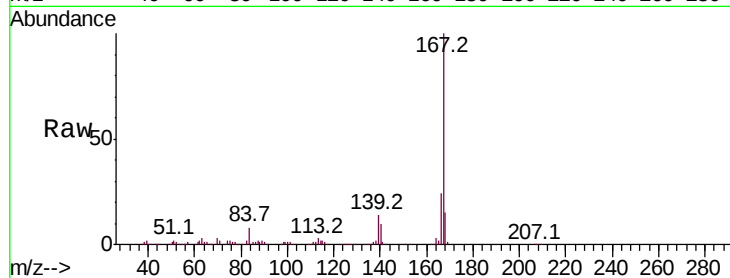
#73
 Carbazole
 Concen: 39.166 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.6	10.8	16.2

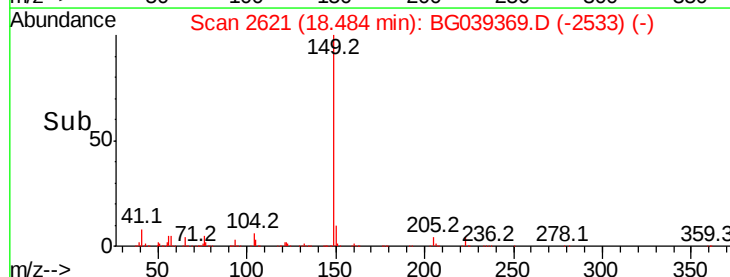
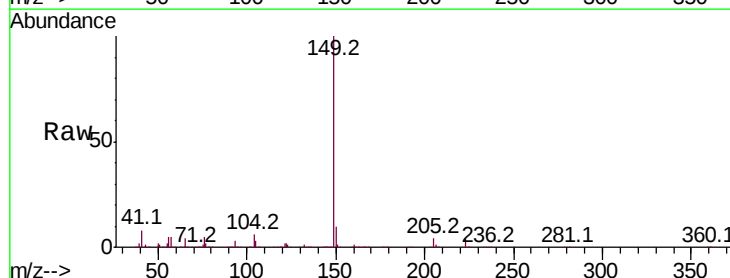
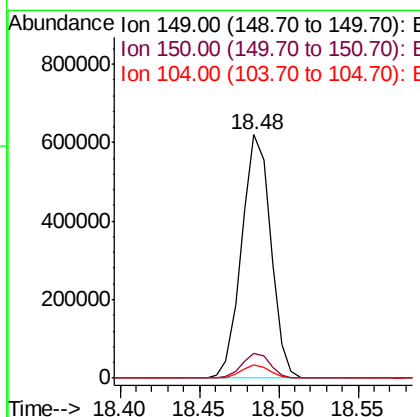
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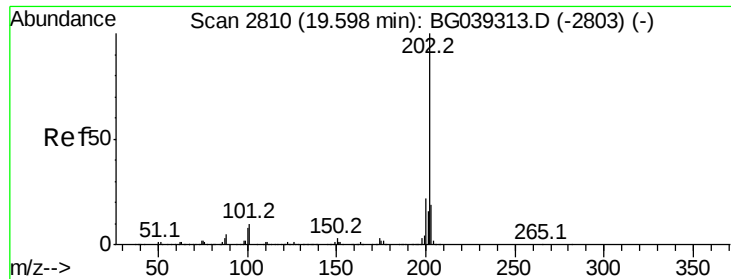
mohammad
 2/7/2019 8:40:48 AM



#74
 Di-n-butylphthalate
 Concen: 41.191 ng
 RT: 18.48 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.6	4.5	6.7





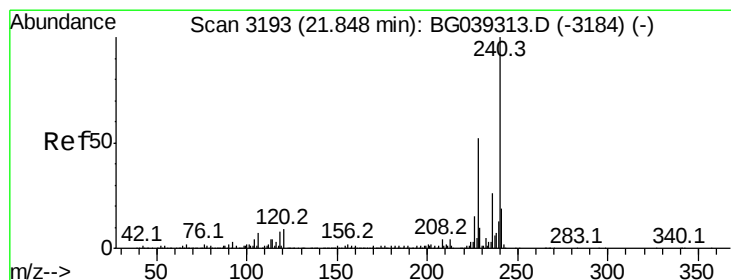
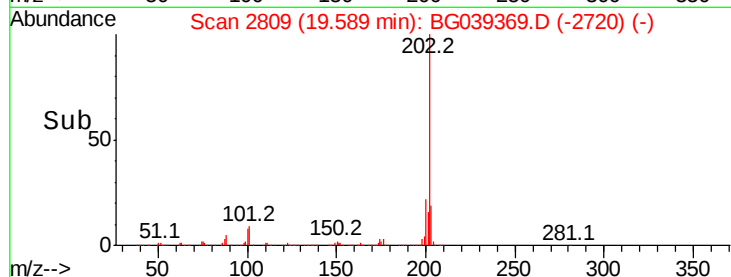
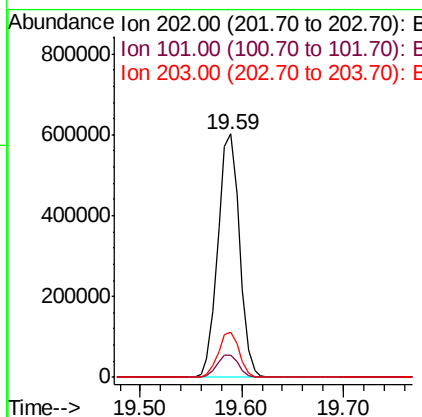
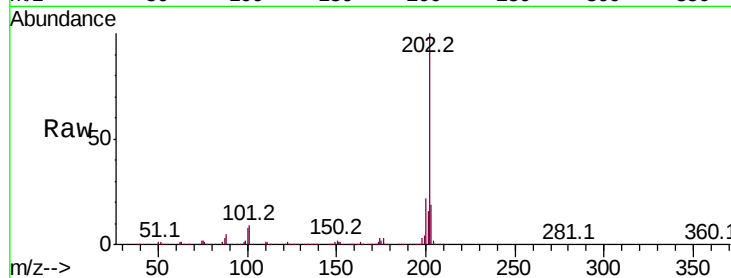
#75
Fluoranthene
Concen: 45.812 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	30.0
203	18.7	0.0	38.9

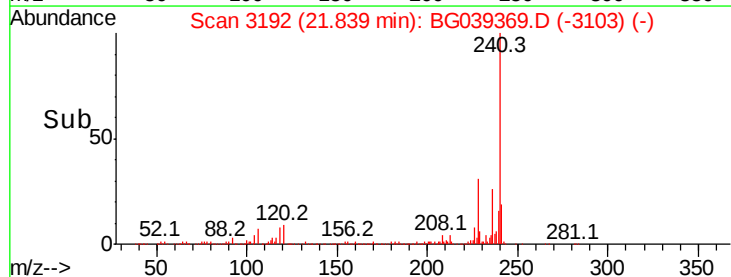
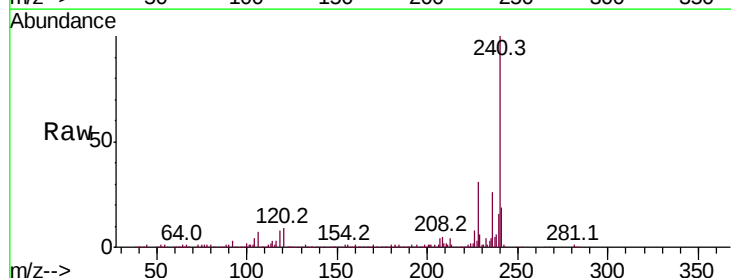
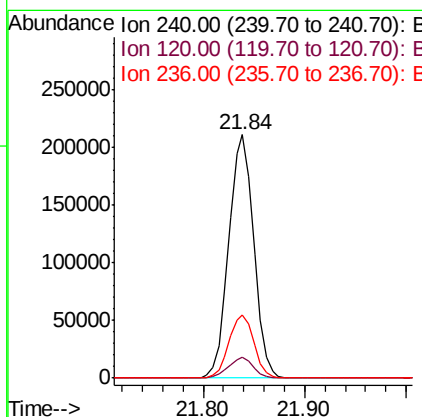
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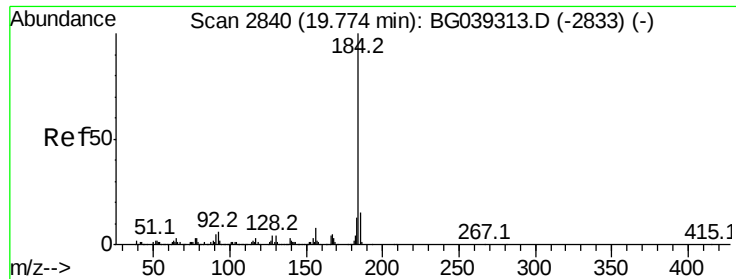
mohammad
2/7/2019 8:40:48 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.0	21.0	31.4





#77

Benzidine

Concen: 29.515 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

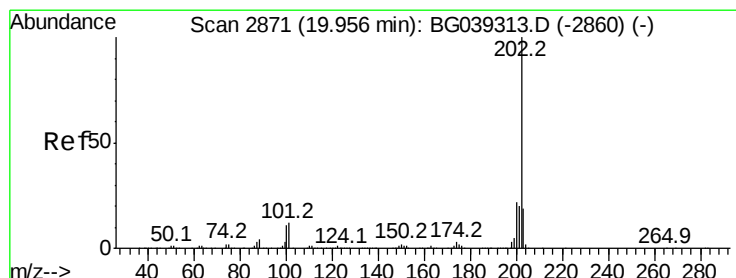
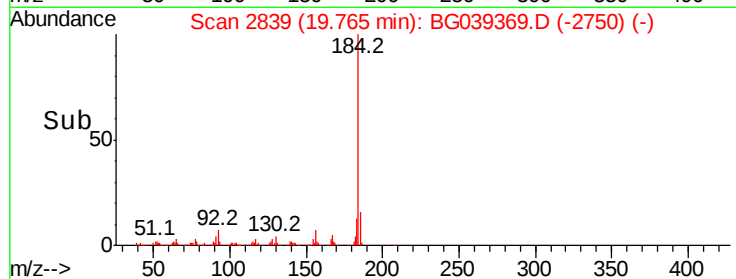
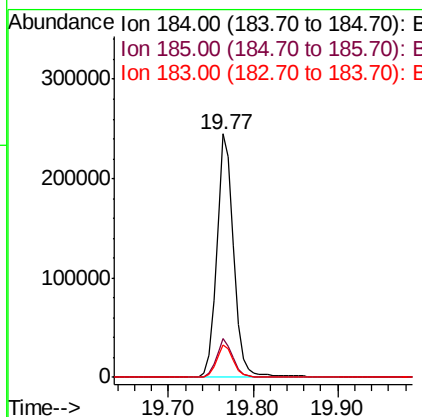
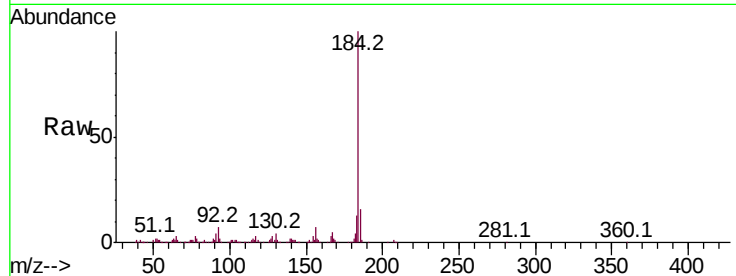
ClientSampleId :

PB116862BS

Tot Ion:	184	Resp:	347091
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	13.3	10.6	15.8

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#78

Pyrene

Concen: 40.162 ng

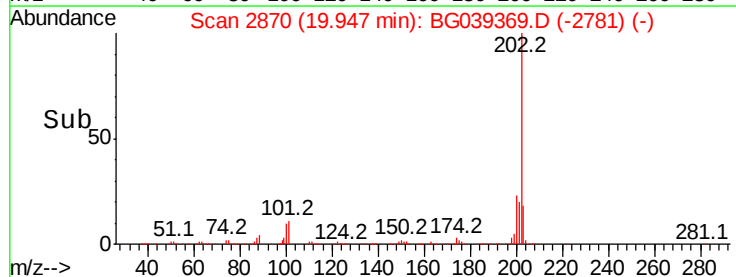
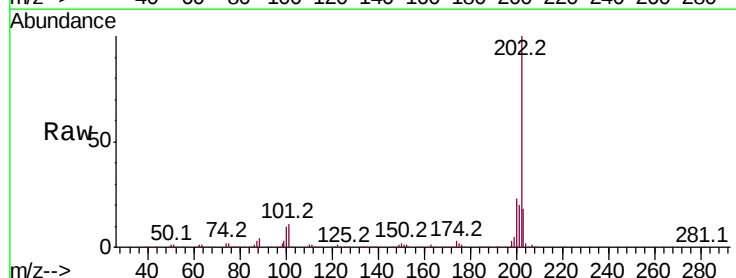
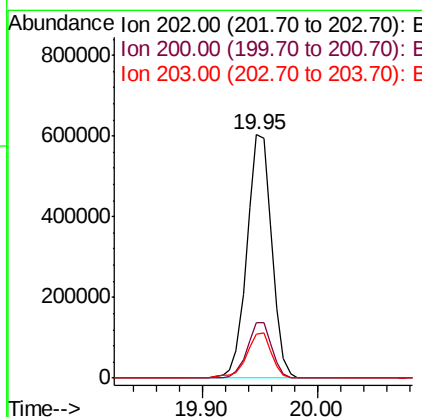
RT: 19.95 min Scan# 2870

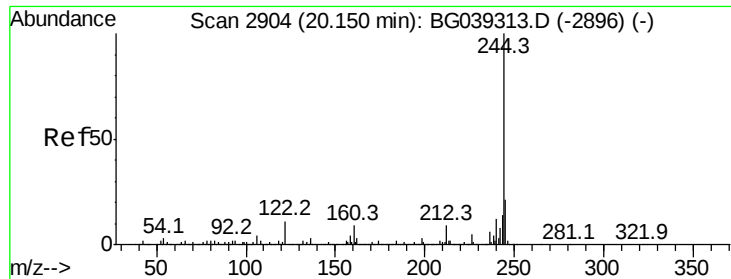
Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	202	Resp:	896802
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.8
203	18.2	15.3	22.9





#79

Terphenyl-d14

Concen: 78.349 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

ClientSampleId :

PB116862BS

Tot Ion:244 Resp: 1327707

Ion Ratio Lower Upper

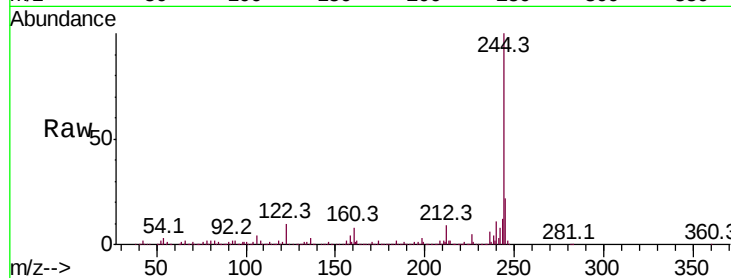
244 100

212 8.9 7.3 10.9

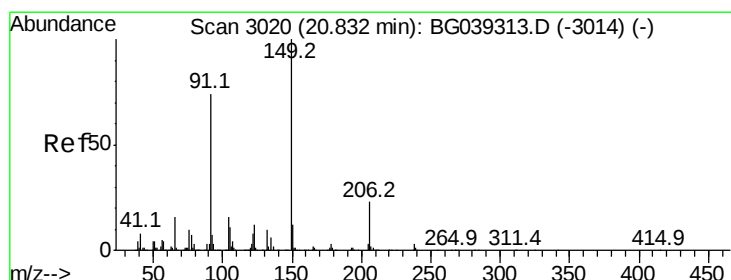
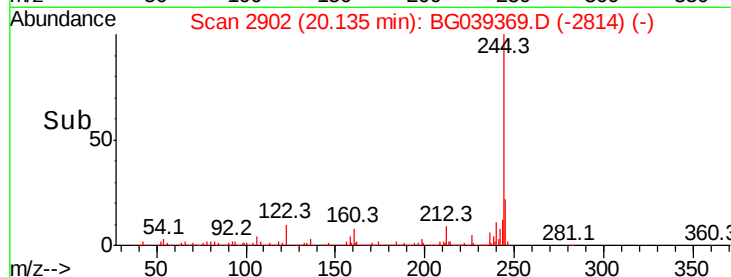
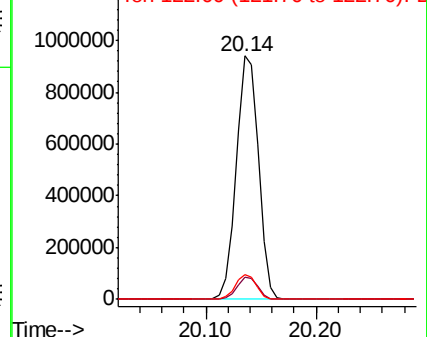
122 10.4 8.4 12.6

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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: 40.081 ng

RT: 20.82 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

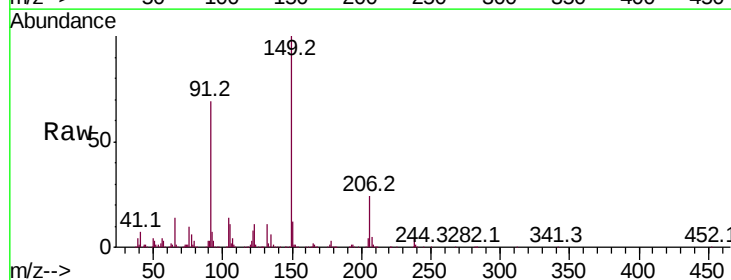
Tgt Ion:149 Resp: 377542

Ion Ratio Lower Upper

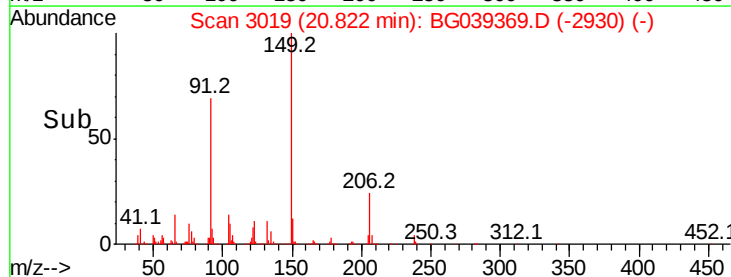
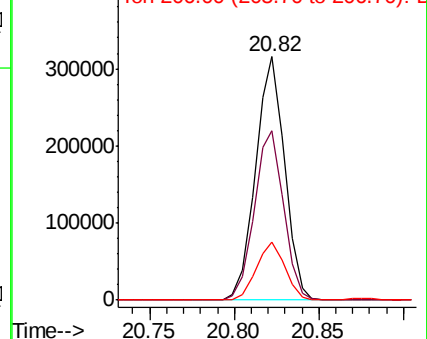
149 100

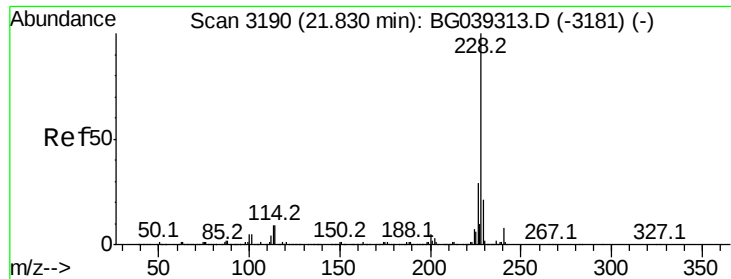
91 69.4 59.5 89.3

206 24.1 18.6 27.8



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: 42.656 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

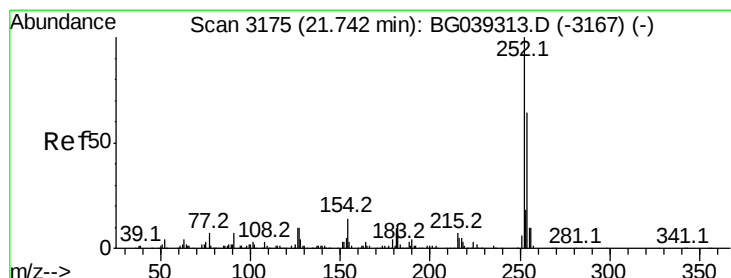
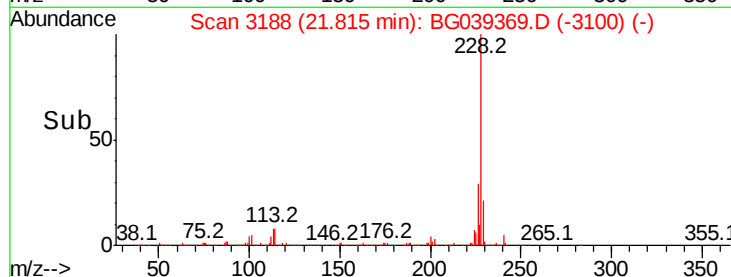
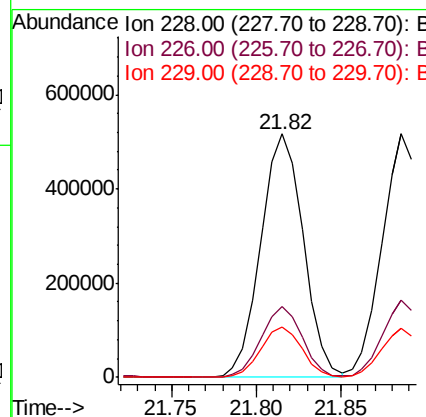
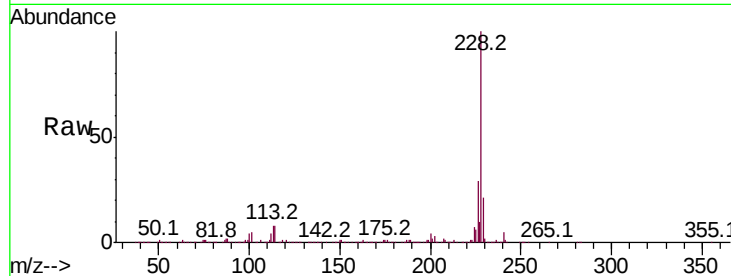
ClientSampleId :

PB116862BS

Tot Ion:	228	Resp:	904089
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.0	34.6
229	20.6	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 25.290 ng

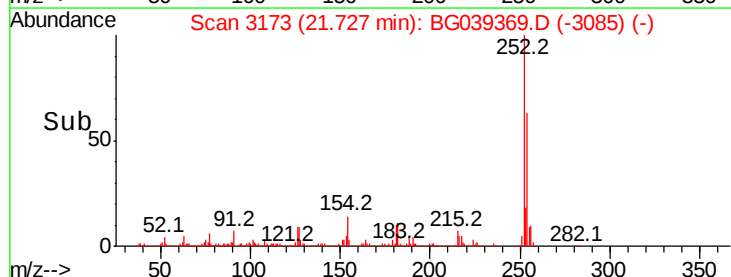
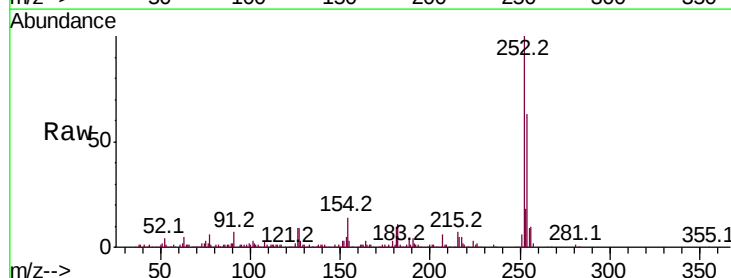
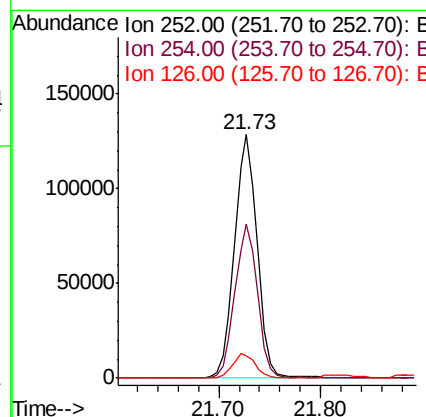
RT: 21.73 min Scan# 3173

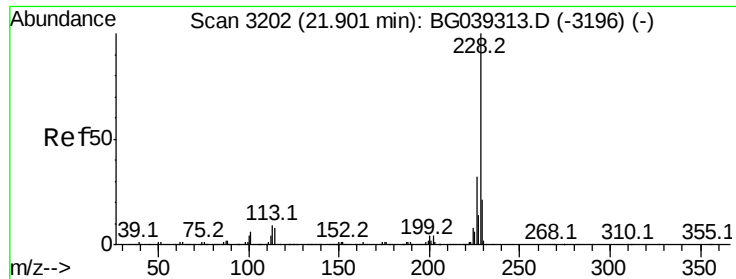
Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	252	Resp:	198752
Ion Ratio	Lower	Upper	
252	100		
254	63.1	51.3	76.9
126	9.0	8.0	12.0





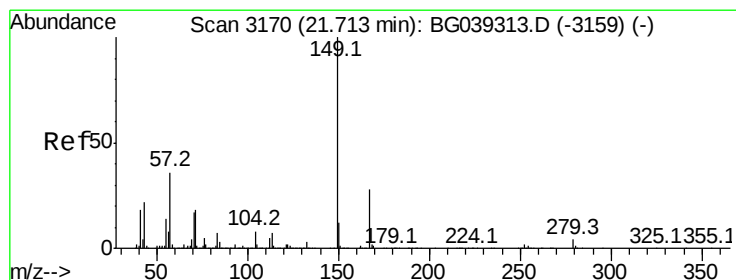
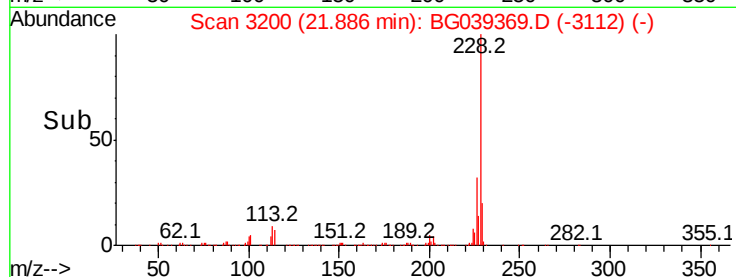
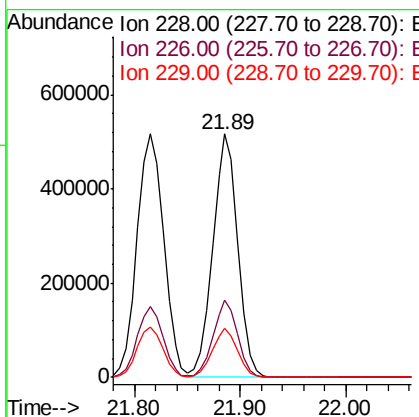
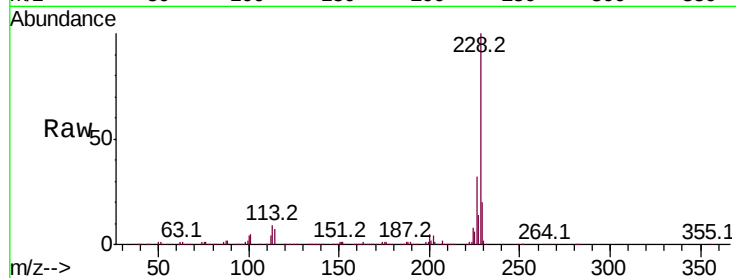
#83
 Chrysene
 Concen: 42.006 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116862BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	20.3	16.6	25.0

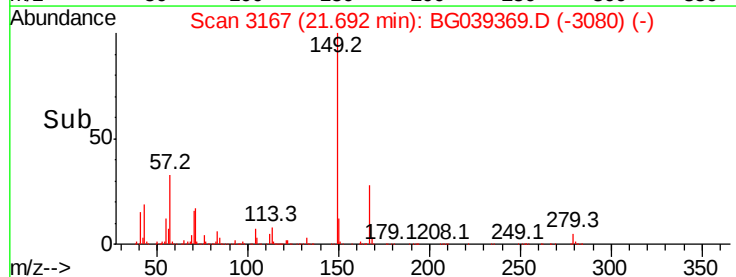
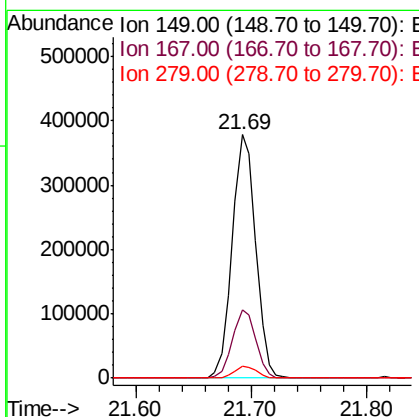
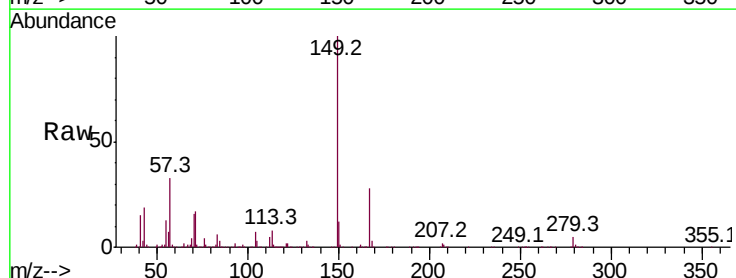
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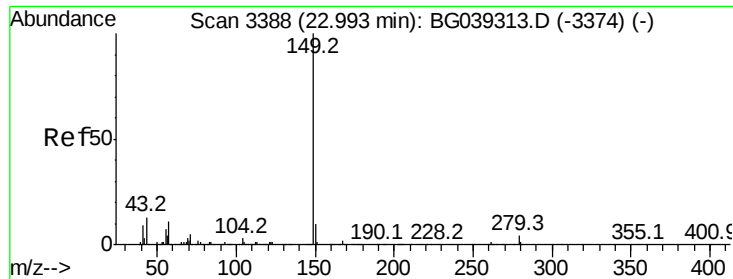
mohammad
 2/7/2019 8:40:48 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.433 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039369.D
 Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	4.7	3.5	5.3





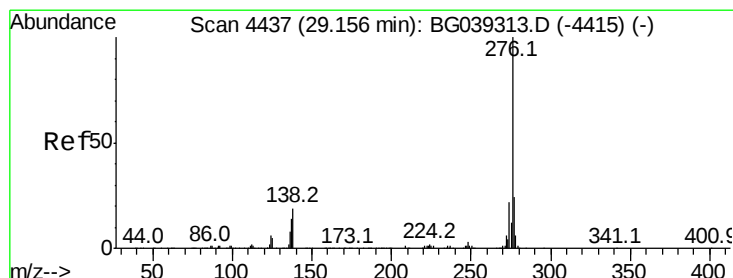
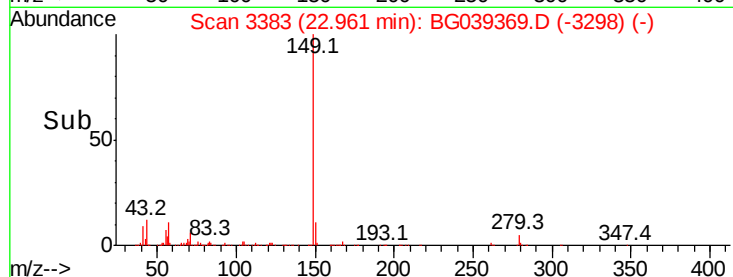
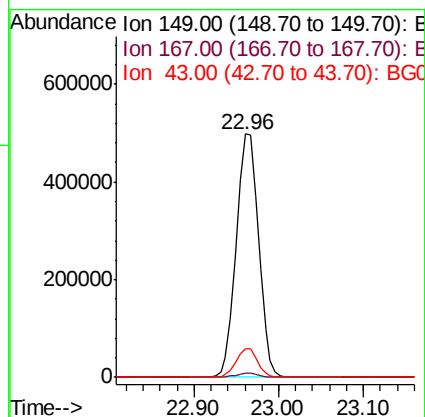
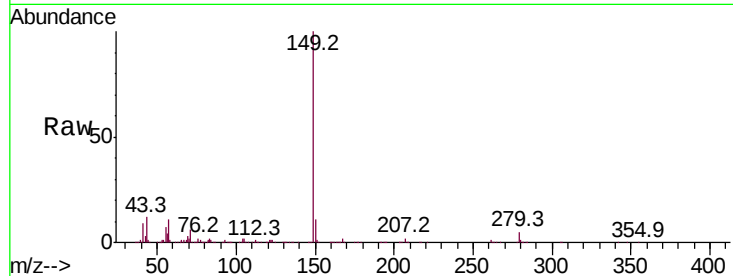
#85
Di-n-octyl phthalate
Concen: 40.700 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	10.2	15.4

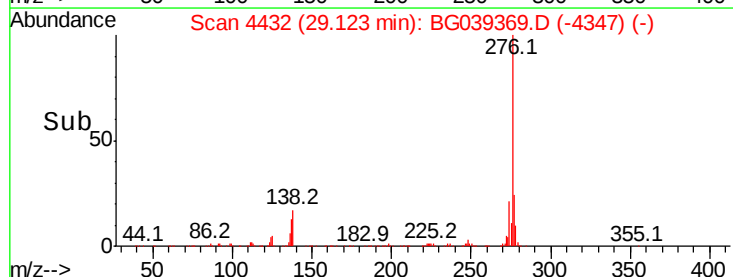
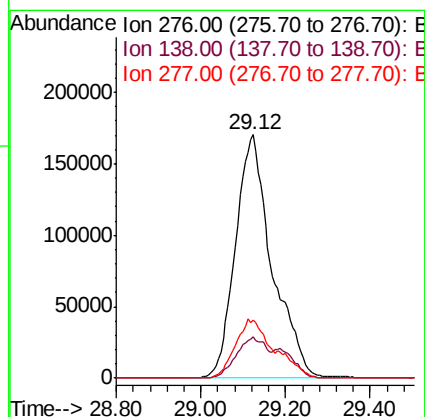
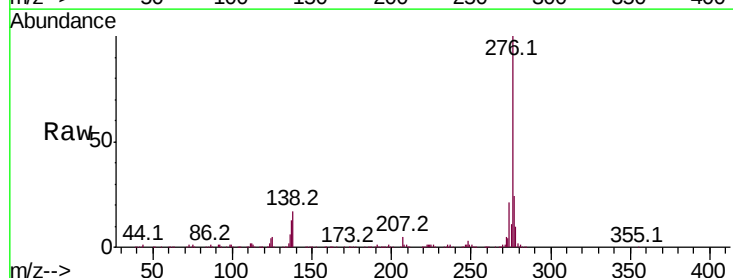
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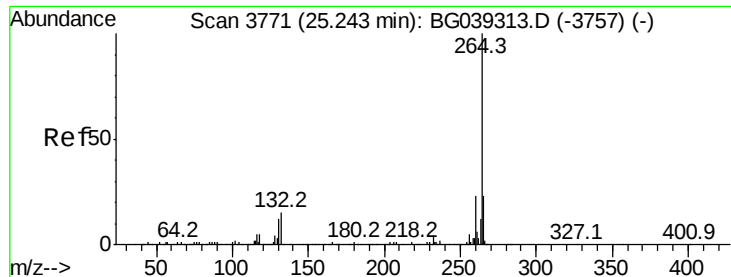
mohammad
2/7/2019 8:40:48 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.935 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.6	19.0
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Instrument :

BNA_G

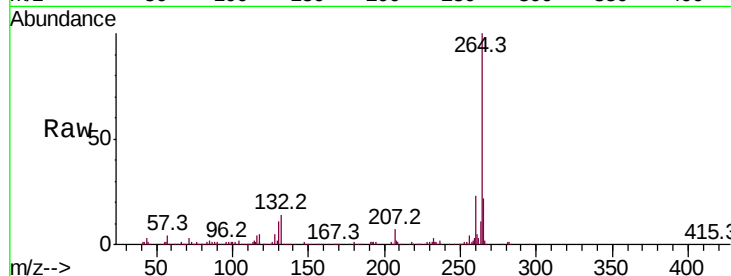
ClientSampleId :

PB116862BS

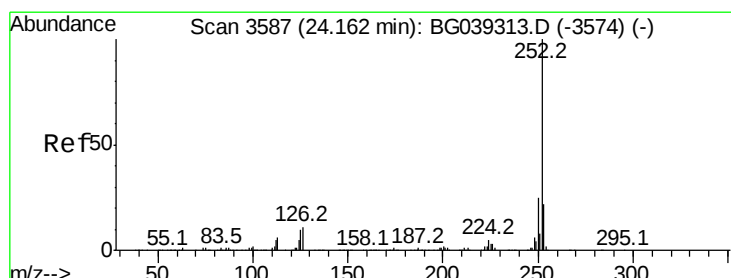
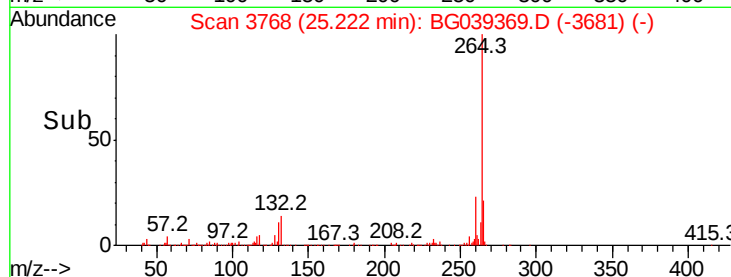
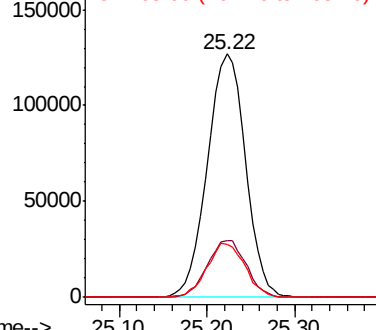
Tot Ion:	264	Resp:	376047
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	21.6	18.5	27.7

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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: 42.187 ng

RT: 24.14 min Scan# 3583

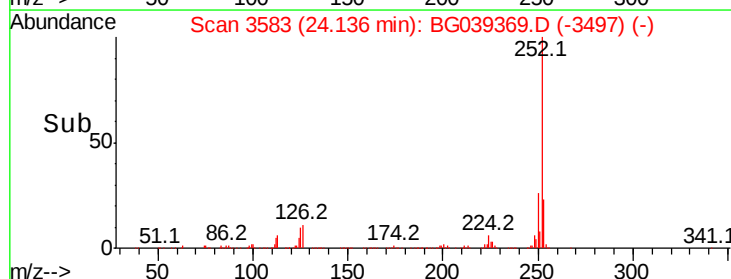
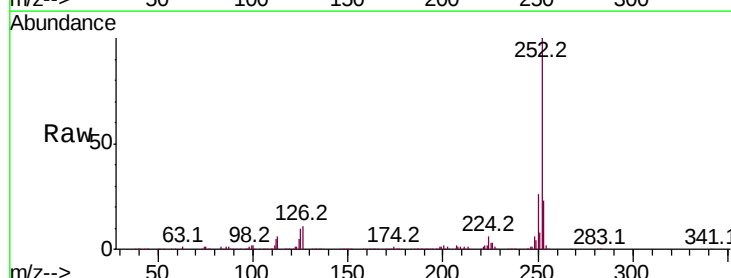
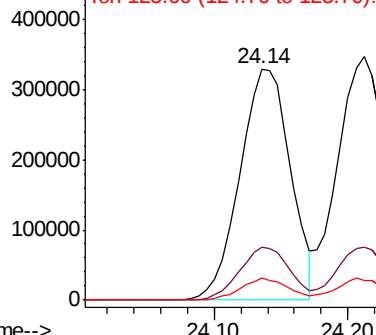
Delta R.T. -0.03 min

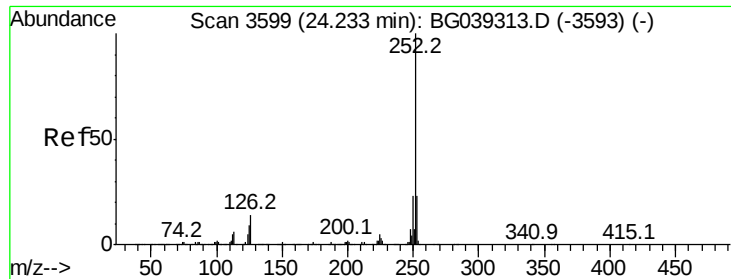
Lab File: BG039369.D

Acq: 6 Feb 2019 14:00

Tgt Ion:	252	Resp:	865177
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	9.6	7.8	11.6

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





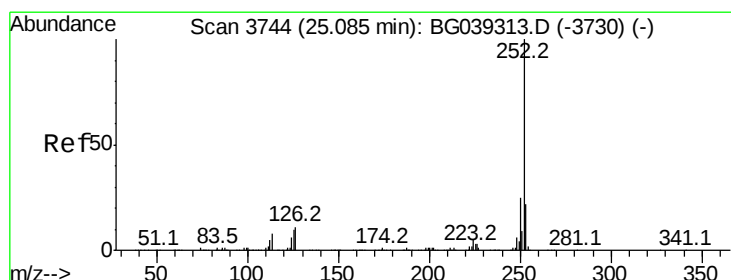
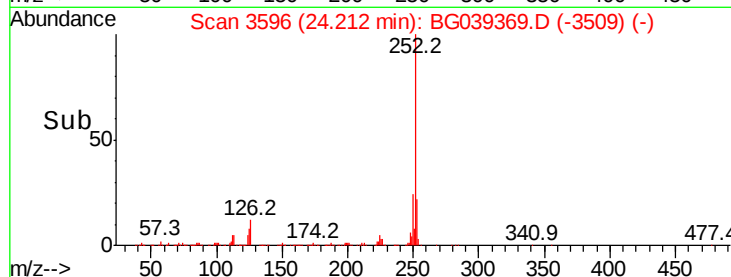
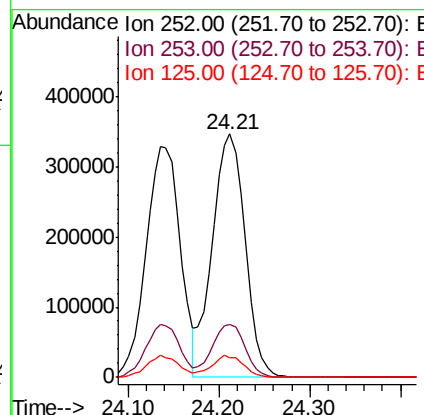
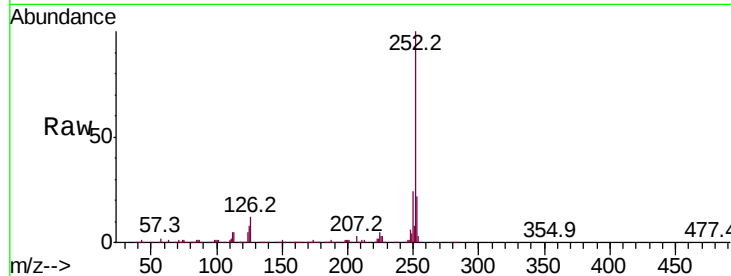
#89
Benzo(k)fluoranthene
Concen: 42.362 ng
RT: 24.21 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.9	7.4	11.2

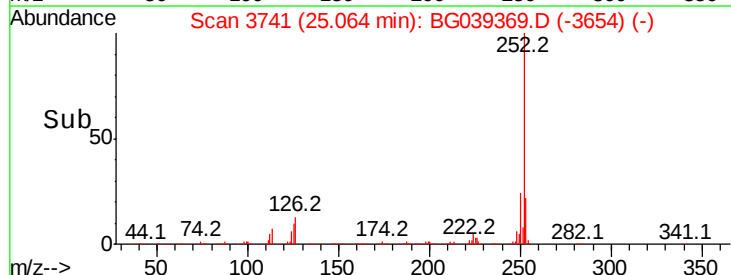
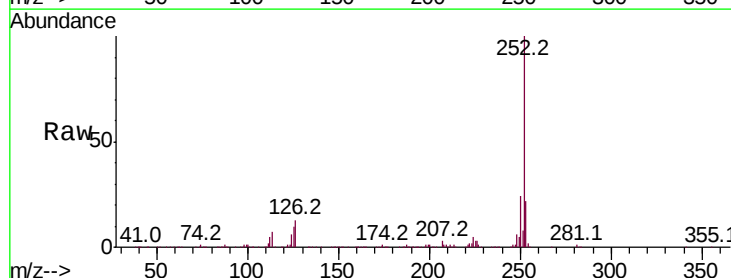
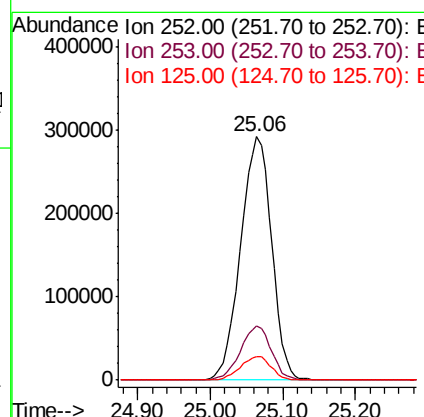
Manual Integrations
APPROVED

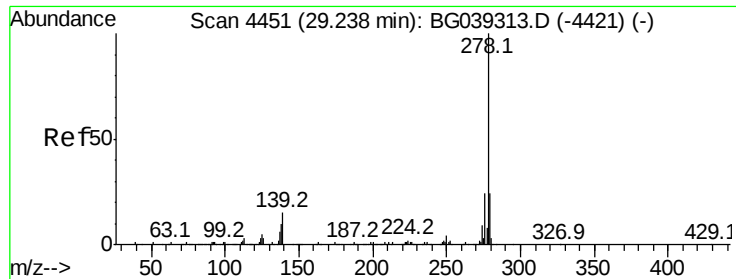
mohammad
2/7/2019 8:40:48 AM



#90
Benzo(a)pyrene
Concen: 43.816 ng
RT: 25.06 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.9	8.3	12.5





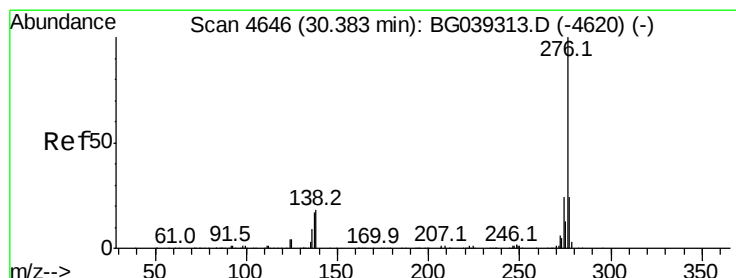
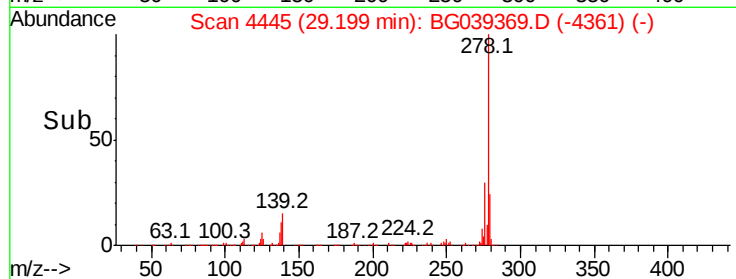
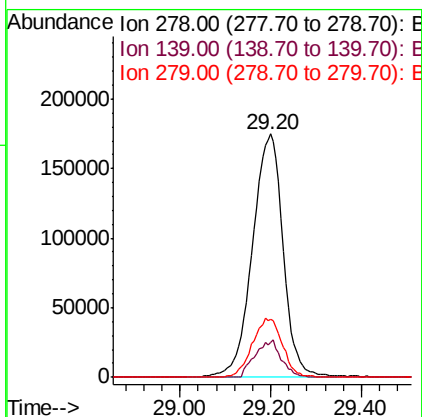
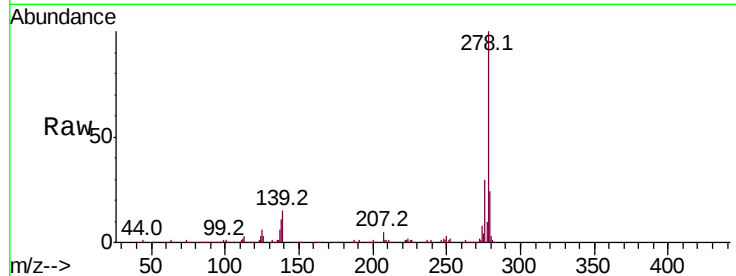
#91
Dibenzo(a,h)anthracene
Concen: 44.507 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.04 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Instrument :
BNA_G
ClientSampleId :
PB116862BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/7/2019 8:40:48 AM



#92
Benzo(g,h,i)perylene
Concen: 45.049 ng
RT: 30.34 min Scan# 4640
Delta R.T. -0.04 min
Lab File: BG039369.D
Acq: 6 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	18.4	14.7	22.1

