

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041097.D
 Acq On : 7 Jun 2019 12:14
 Operator : HP/JU
 Sample : PB120399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:17 AM

Quant Time: Jun 08 17:42:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35060	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	141641	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	112883	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	298954	20.00	ng	0.00
76) Chrysene-d12	21.76	240	299280	20.00	ng	0.00
87) Perylene-d12	25.08	264	305887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	278591	143.29	ng	0.00
7) Phenol-d6	7.25	99	400660	133.43	ng	0.00
23) Nitrobenzene-d5	9.29	82	265658	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228386	136.28	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	661001	84.33	ng	0.00
79) Terphenyl-d14	20.08	244	1239857	87.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	36118	40.937	ng	# 91
3) Pyridine	3.90	79	97624	37.394	ng	98
4) n-Nitrosodimethylamine	3.83	42	53539	44.187	ng	96
6) Aniline	7.43	93	131242	32.744	ng	98
8) 2-Chlorophenol	7.66	128	117734	50.792	ng	96
9) Benzaldehyde	7.25	77	35353	19.736	ng	96
10) Phenol	7.28	94	161148	50.052	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	101711	43.547	ng	97
12) 1,3-Dichlorobenzene	7.99	146	116946	42.241	ng	93
13) 1,4-Dichlorobenzene	8.14	146	120855	43.126	ng	98
14) 1,2-Dichlorobenzene	8.46	146	114347	42.025	ng	98
15) Benzyl Alcohol	8.35	79	130795	47.088	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	161847	42.406	ng	95
17) 2-Methylphenol	8.54	107	109480	46.964	ng	96
18) Hexachloroethane	9.19	117	45998	42.588	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	102007	44.143	ng	96
20) 3+4-Methylphenols	8.87	107	153806	47.632	ng	95
22) Acetophenone	8.94	105	191176	48.116	ng	# 98
24) Nitrobenzene	9.33	77	154337	47.467	ng	99
25) Isophorone	9.84	82	289162	47.623	ng	98
26) 2-Nitrophenol	10.04	139	68254	50.920	ng	95
27) 2,4-Dimethylphenol	10.08	122	124595	56.281	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	154654	47.192	ng	97
29) 2,4-Dichlorophenol	10.57	162	143780	51.145	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	141562	44.265	ng	99
31) Naphthalene	10.98	128	358488	47.139	ng	98
32) Benzoic acid	10.22	122	74593	44.124	ng	# 88
33) 4-Chloroaniline	11.09	127	88811	25.169	ng	94
34) Hexachlorobutadiene	11.24	225	105134	42.965	ng	97
35) Caprolactam	11.87	113	46586m	50.182	ng	
36) 4-Chloro-3-methylphenol	12.19	107	164252	51.159	ng	98
37) 2-Methylnaphthalene	12.58	142	278243	47.505	ng	97
38) 1-Methylnaphthalene	12.79	142	268243	48.600	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	201490	44.285	ng	98

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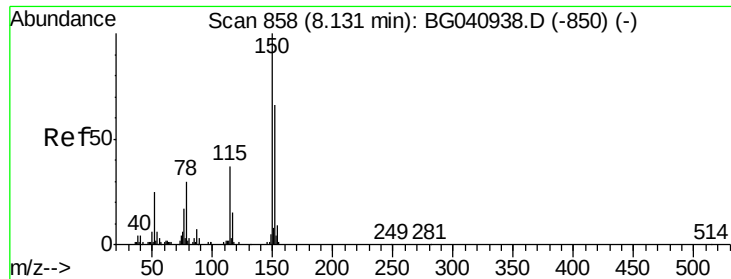
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	276032	109.480	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	140477	47.727	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	148894	47.966	nq	98
46) 1,1'-Biphenyl	13.57	154	388527	46.498	nq	99
47) 2-Chloronaphthalene	13.62	162	323179	45.053	nq	99
48) 2-Nitroaniline	13.83	65	120101	46.670	nq	97
49) Acenaphthylene	14.47	152	510416	47.277	nq	100
50) Dimethylphthalate	14.19	163	446443	46.721	nq	99
51) 2,6-Dinitrotoluene	14.32	165	99984	48.530	nq	98
52) Acenaphthene	14.80	154	296863	45.390	nq	100
53) 3-Nitroaniline	14.66	138	61813	30.003	nq	# 92
54) 2,4-Dinitrophenol	14.86	184	140808	112.182	nq	98
55) Dibenzofuran	15.14	168	526573	47.848	nq	100
56) 4-Nitrophenol	14.95	139	150761	106.688	nq	99
57) 2,4-Dinitrotoluene	15.10	165	141920	48.765	nq	# 98
58) Fluorene	15.78	166	413073	47.131	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	152703	50.057	nq	# 99
60) Diethylphthalate	15.54	149	454688	46.626	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	264019	46.346	nq	96
62) 4-Nitroaniline	15.81	138	100020	45.858	nq	97
63) Azobenzene	16.07	77	414951	46.817	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	90168	54.803	nq	98
66) n-Nitrosodiphenylamine	15.99	169	384061	45.700	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	169103	41.914	nq	98
68) Hexachlorobenzene	16.78	284	178648	41.584	nq	98
69) Atrazine	16.92	200	161238	49.723	nq	100
70) Pentachlorophenol	17.12	266	221452	95.361	nq	97
71) Phenanthrene	17.53	178	719105	46.179	nq	98
72) Anthracene	17.62	178	736820	47.976	nq	98
73) Carbazole	17.89	167	633911	48.104	nq	99
74) Di-n-butylphthalate	18.42	149	745521	45.518	nq	98
75) Fluoranthene	19.53	202	927644	48.229	nq	99
77) Benzidine	19.71	184	390371	54.678	nq	97
78) Pyrene	19.89	202	926938	47.645	nq	98
80) Butylbenzylphthalate	20.75	149	345808	45.675	nq	97
81) Benzo(a)anthracene	21.74	228	897720	45.062	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	190963	27.253	nq	99
83) Chrysene	21.81	228	878465	46.079	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	474555	44.526	nq	98
85) Di-n-octyl phthalate	22.85	149	814422	45.882	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1047545	44.856	nq	99
88) Benzo(b)fluoranthene	24.02	252	902805	48.661	nq	98
89) Benzo(k)fluoranthene	24.10	252	878824	47.867	nq	98
90) Benzo(a)pyrene	24.93	252	883220	49.897	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	875320	49.489	nq	97
92) Benzo(g,h,i)perylene	30.11	276	876965	51.036	nq	98

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



#1

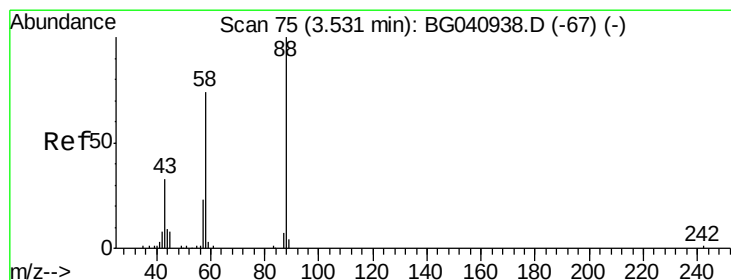
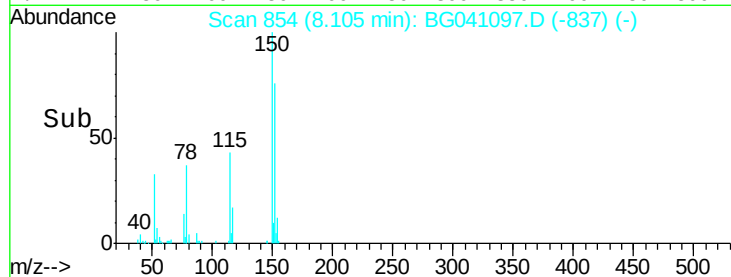
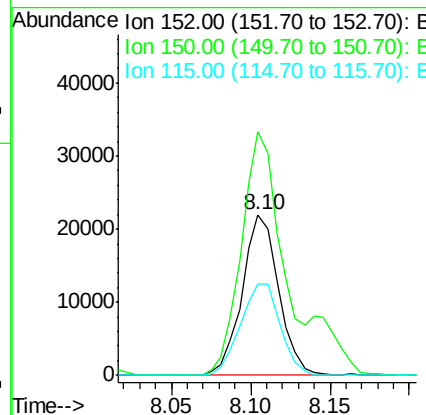
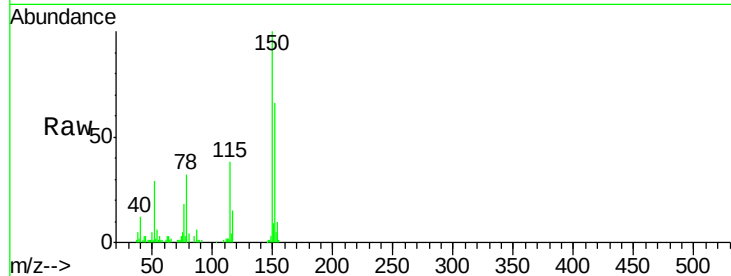
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	111.7	167.5
115	56.9	48.6	73.0

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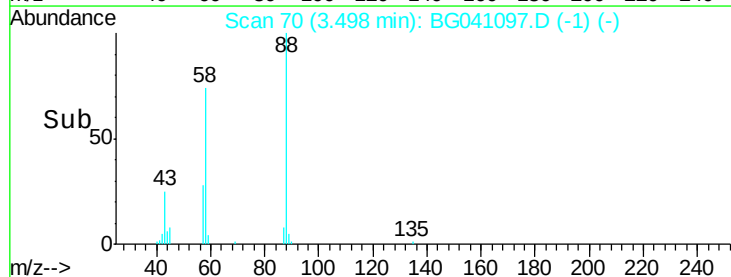
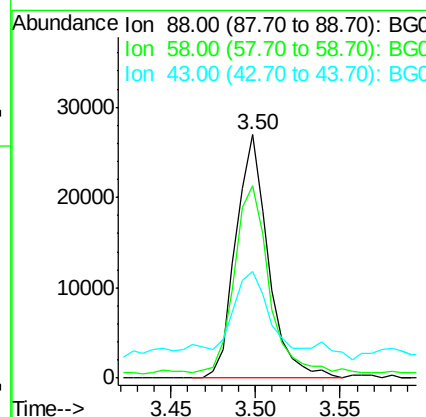
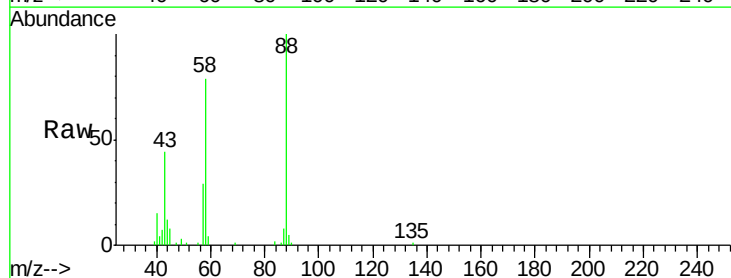
mohammad
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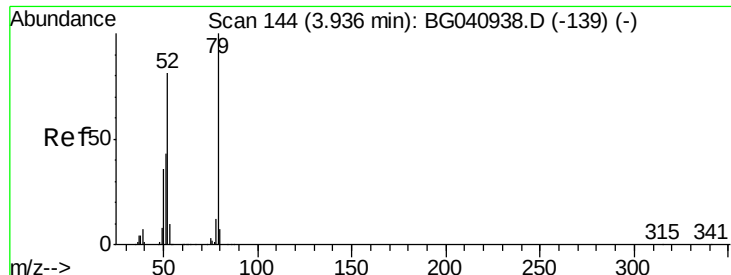


#2

1,4-Dioxane
Concen: 40.937 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	61.2	91.8
43	46.3	29.4	44.2





#3

Pvridine

Concen: 37.394 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

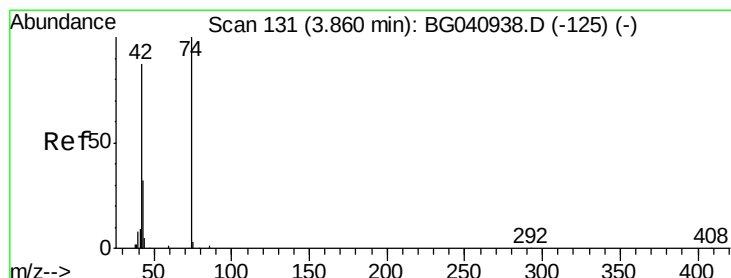
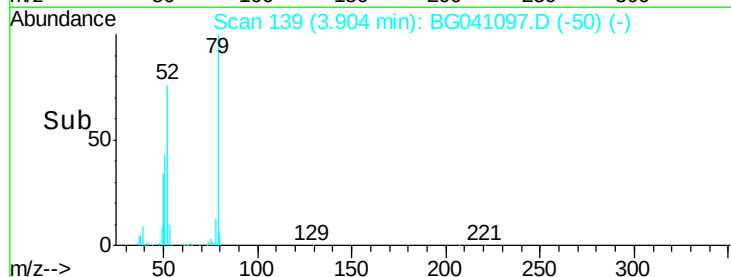
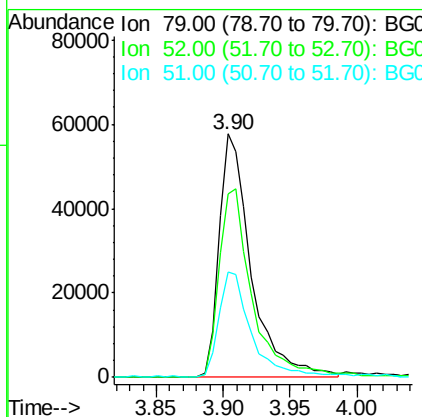
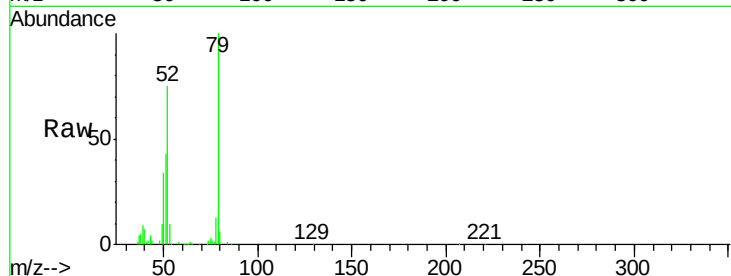
ClientSampleId :

PB120399BS

Tot Ion:	79	Resp:	97624
Ion	Ratio	Lower	Upper
79	100		
52	75.4	61.8	92.6
51	43.2	36.0	54.0

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#4

n-Nitrosodimethylamine

Concen: 44.187 ng

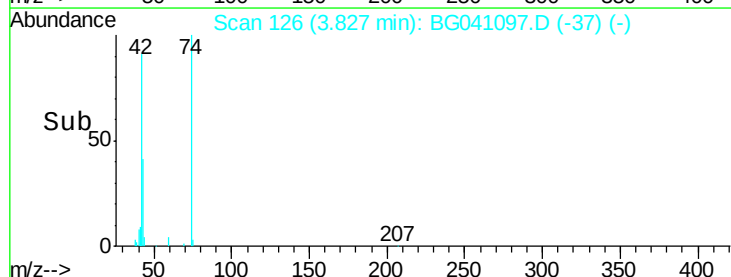
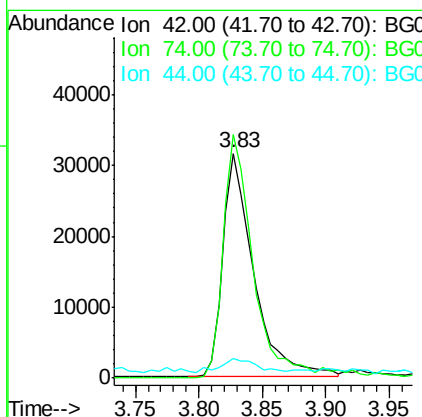
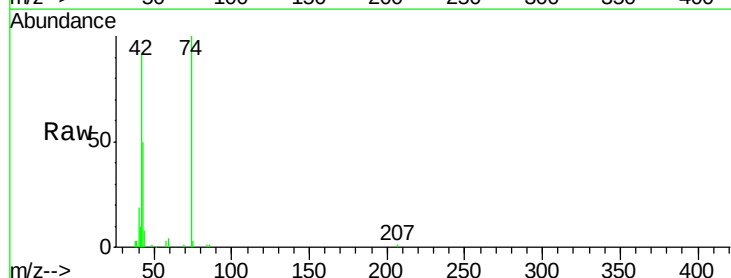
RT: 3.83 min Scan# 126

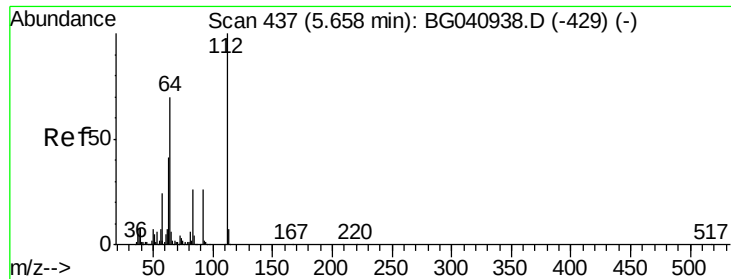
Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	42	Resp:	53539
Ion	Ratio	Lower	Upper
42	100		
74	108.3	83.0	124.6
44	8.8	6.0	9.0





#5

2-Fluorophenol

Concen: 143.285 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

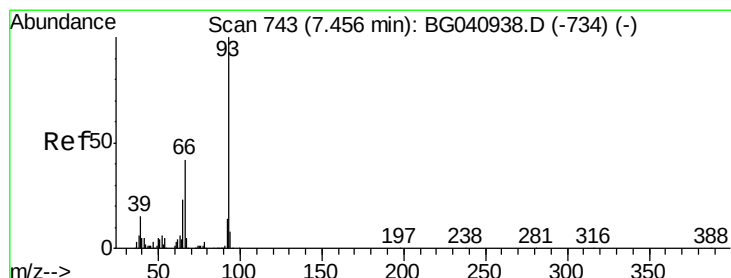
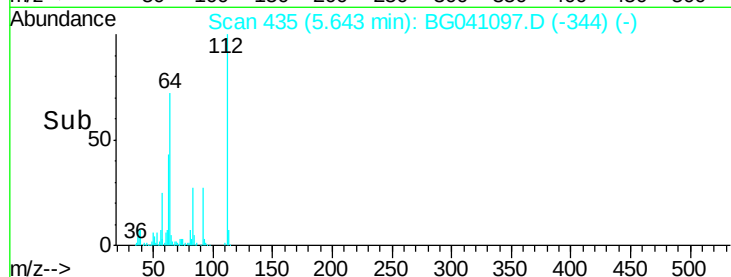
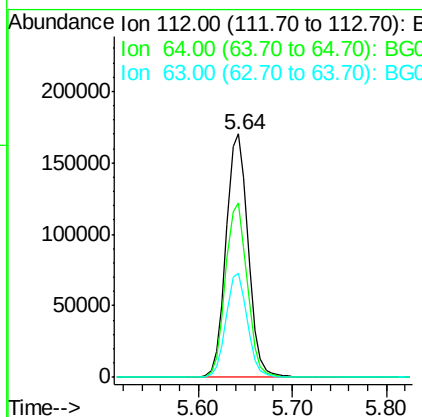
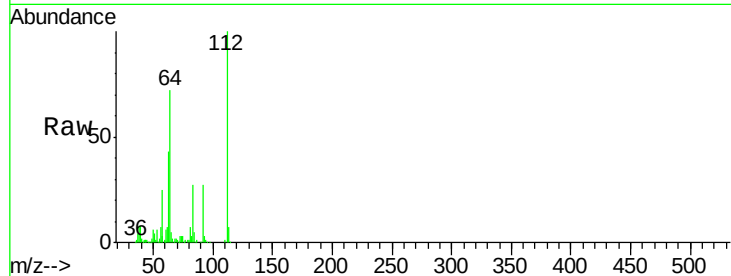
ClientSampleId :

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Tot Ion:	112	Resp:	278591
Ion Ratio	Lower	Upper	
112	100		
64	71.8	54.5	81.7
63	42.7	32.2	48.2

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#6

Aniline

Concen: 32.744 ng

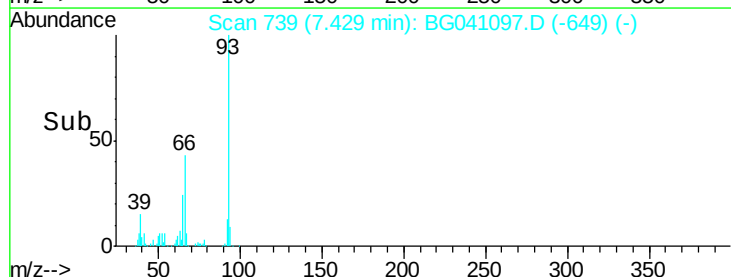
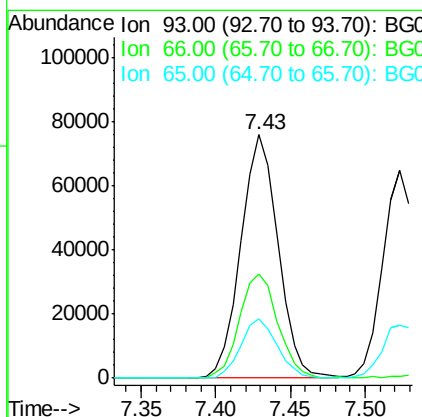
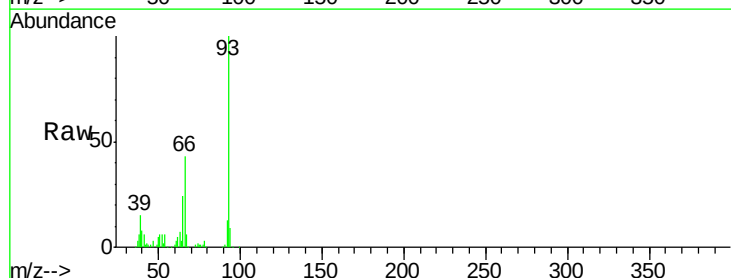
RT: 7.43 min Scan# 739

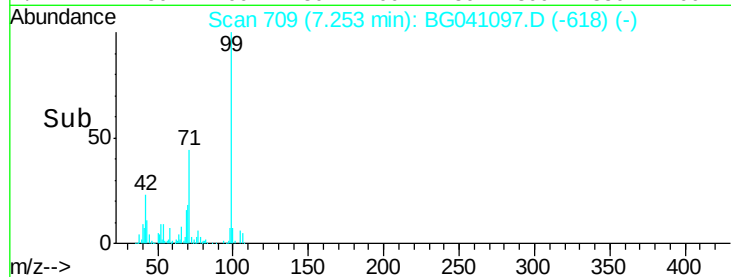
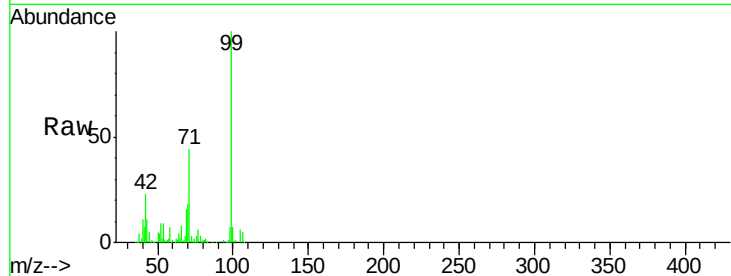
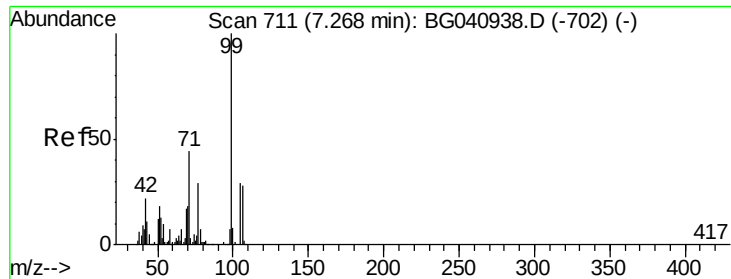
Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	93	Resp:	131242
Ion Ratio	Lower	Upper	
93	100		
66	43.0	35.8	53.8
65	24.2	19.0	28.4





#7

Phenol-d6

Concen: 133.430 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		400660		
42	23.4	18.8	28.2		
71	44.2	35.6	53.4		

Instrument :

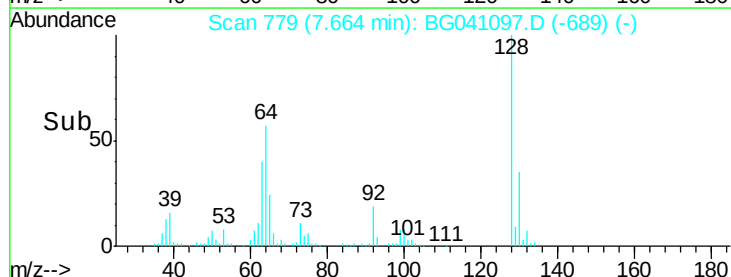
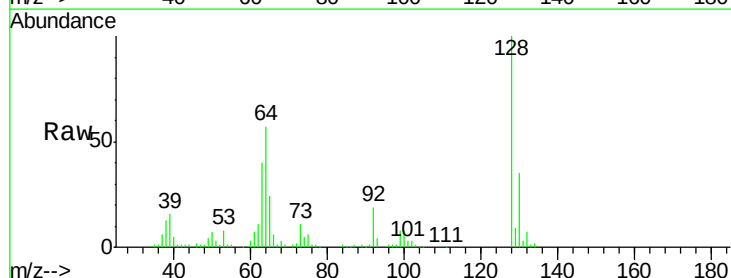
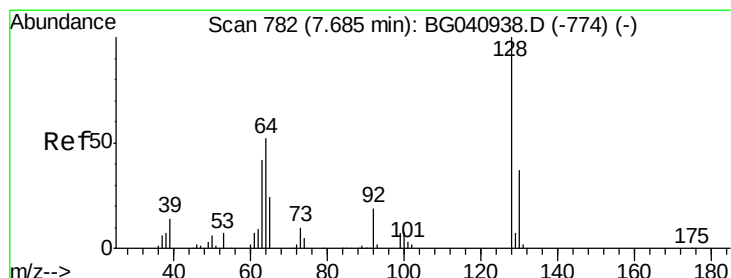
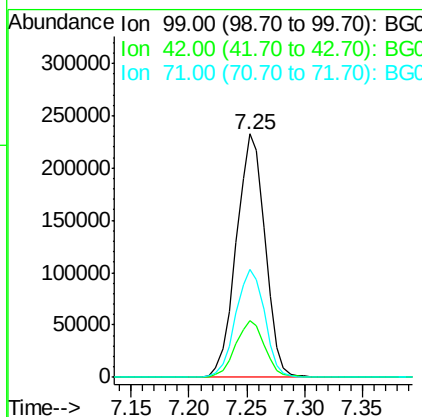
BNA_G

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#8

2-Chlorophenol

Concen: 50.792 ng

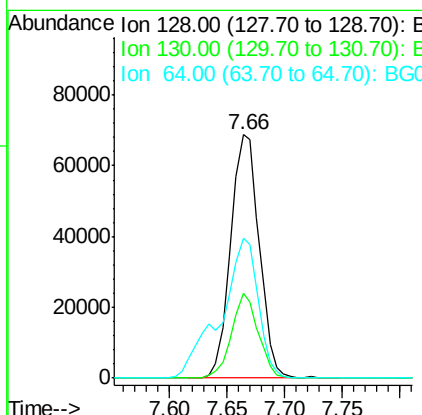
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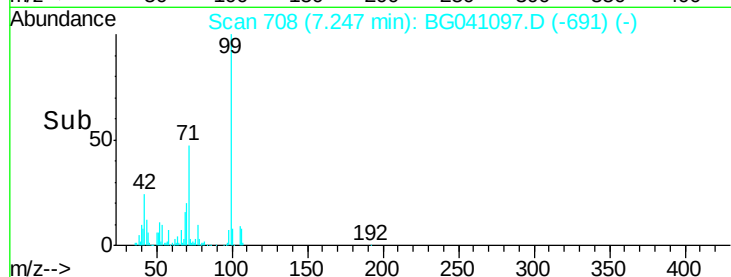
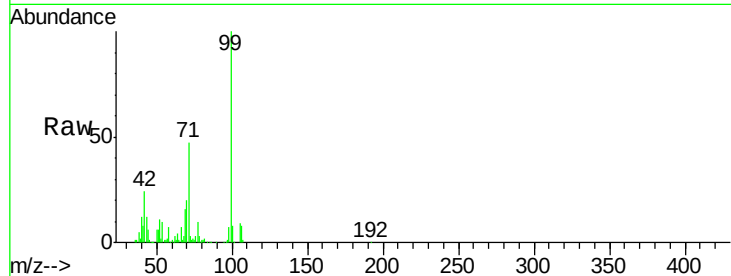
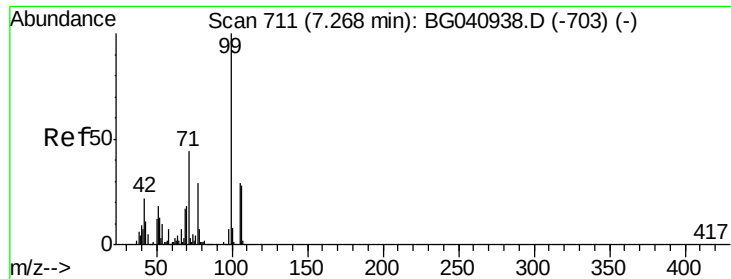
Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		117734		
130	34.8	10.8	50.8		
64	57.4	36.1	76.1		





#9

Benzaldehyde

Concen: 19.736 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tot Ion:	77	Resp:	35353
Ion	Ratio	Lower	Upper
77	100		
105	88.4	66.5	106.5
106	80.1	65.1	105.1

Instrument :

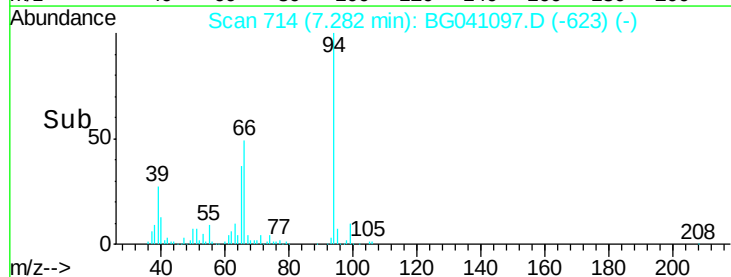
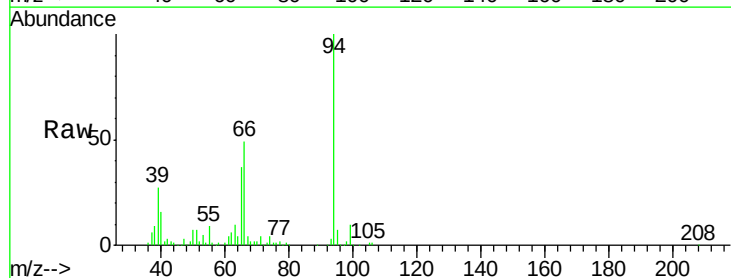
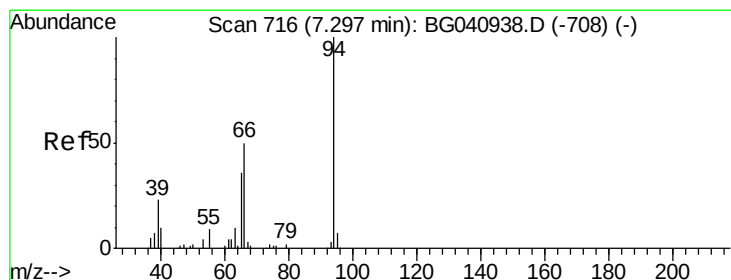
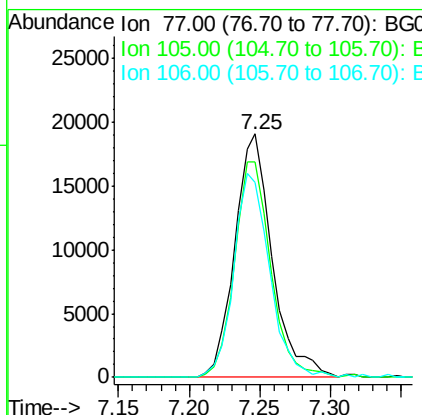
BNA_G

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#10

Phenol

Concen: 50.052 ng

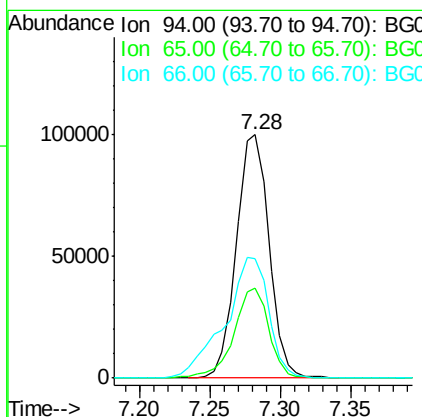
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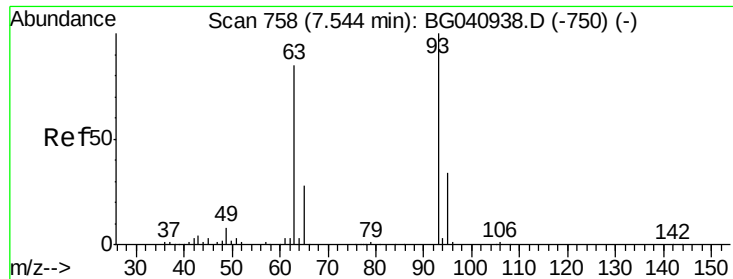
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	94	Resp:	161148
Ion	Ratio	Lower	Upper
94	100		
65	37.0	14.7	54.7
66	49.2	28.7	68.7





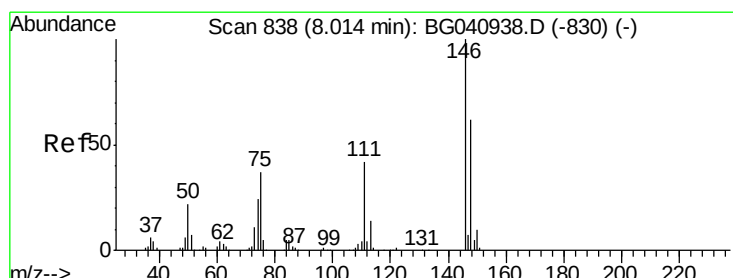
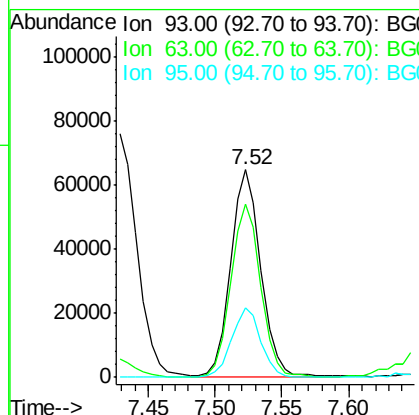
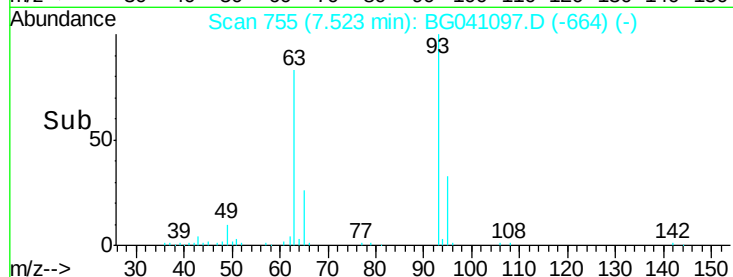
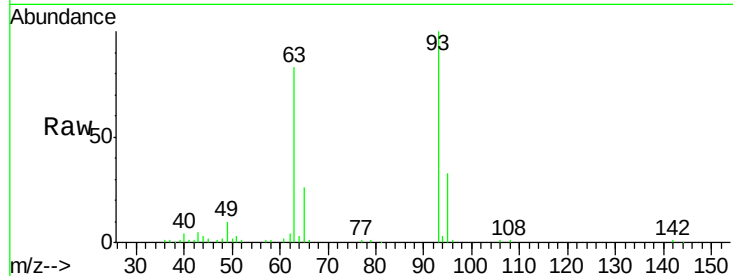
#11
bis(2-Chloroethyl)ether
Concen: 43.547 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.4	65.0	105.0
95	33.3	16.4	56.4

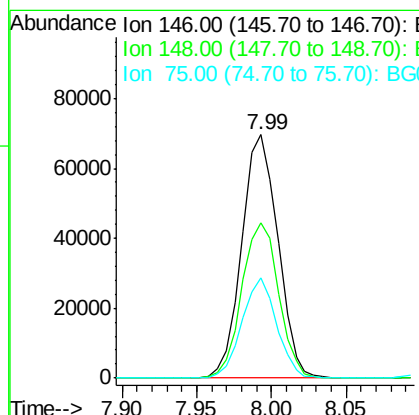
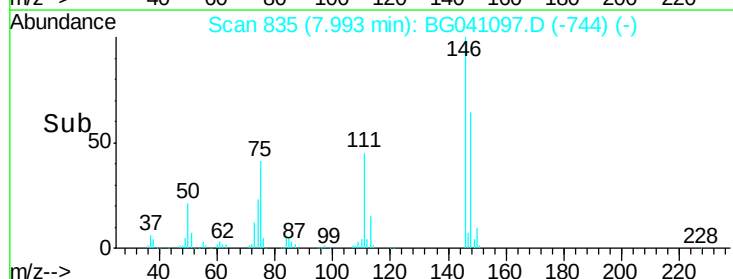
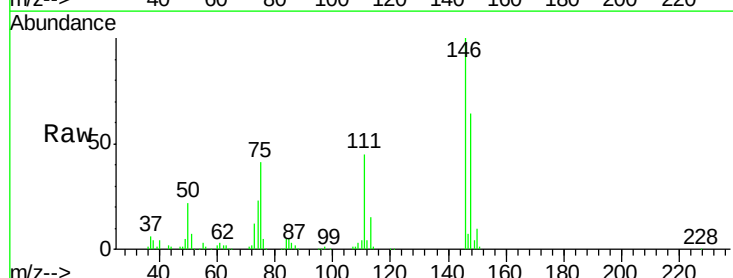
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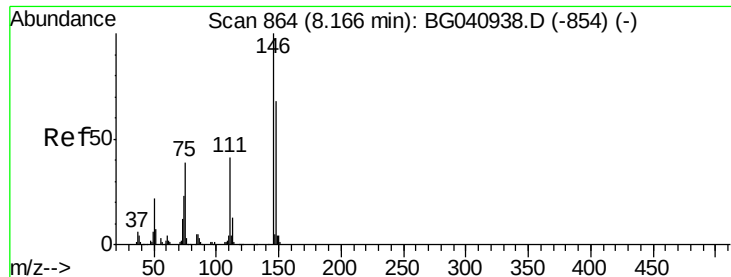
mohammad
6/11/2019 8:54:17 AM



#12
1,3-Dichlorobenzene
Concen: 42.241 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	47.7	71.5
75	41.0	28.3	42.5





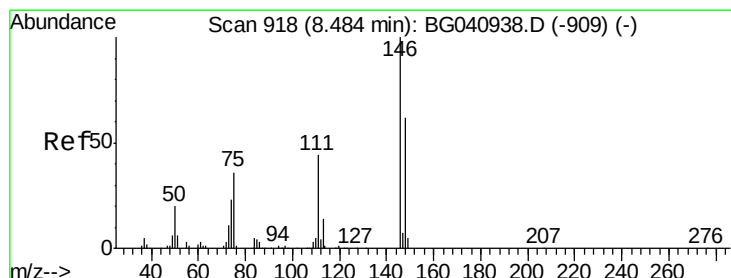
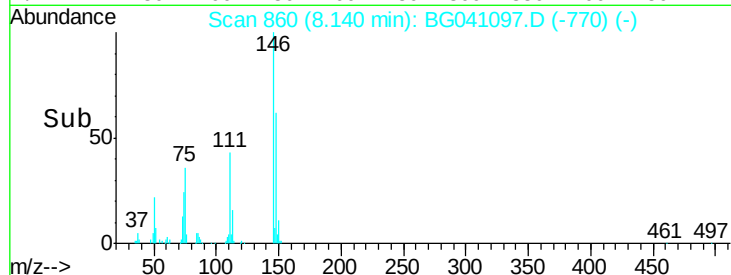
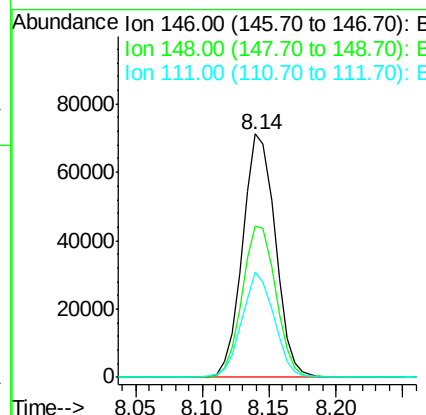
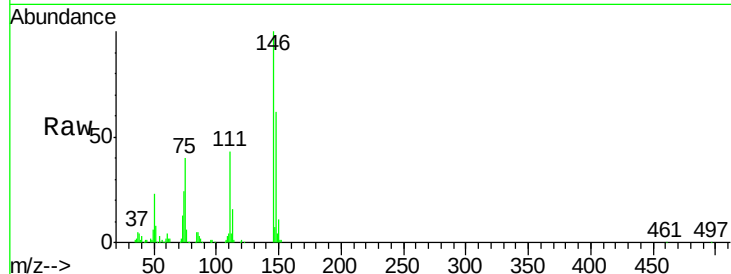
#13
 1,4-Dichlorobenzene
 Concen: 43.126 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.2
111	43.5	33.9	50.9

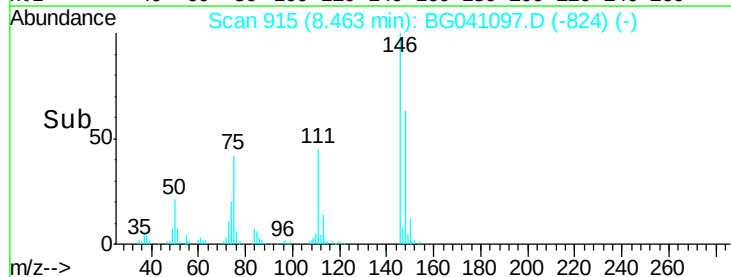
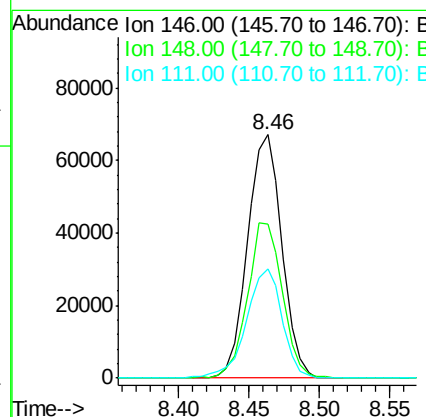
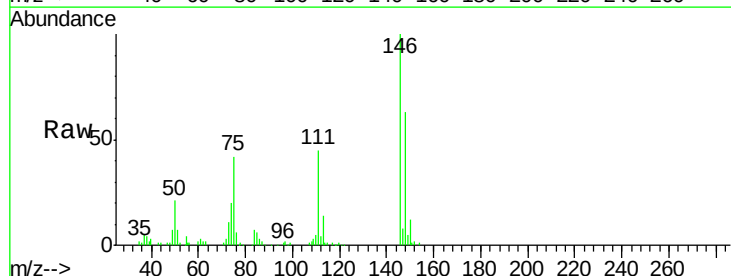
Manual Integrations
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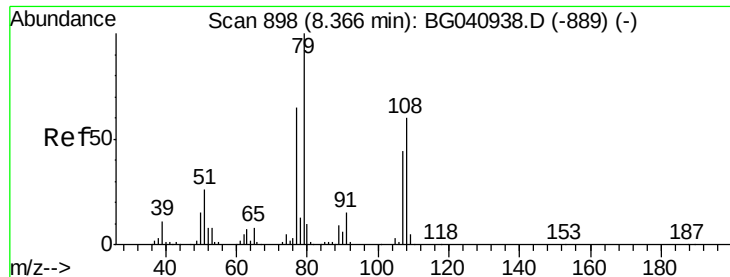
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.025 ng
 RT: 8.46 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.0	73.6
111	44.7	36.5	54.7





#15

Benzyl Alcohol

Concen: 47.088 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

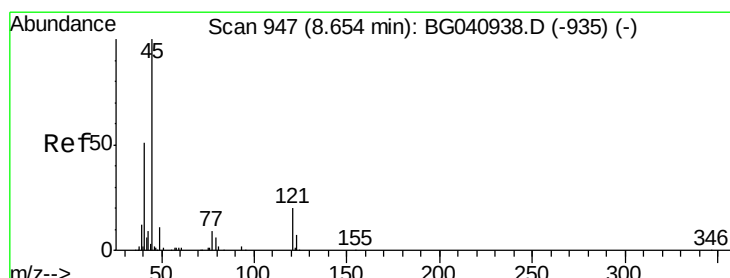
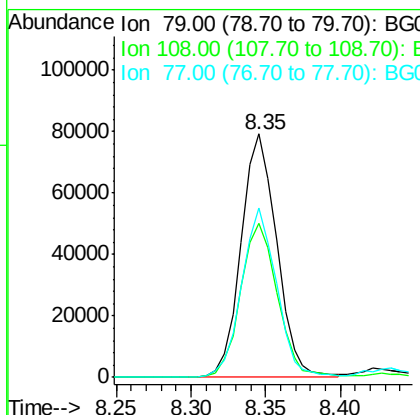
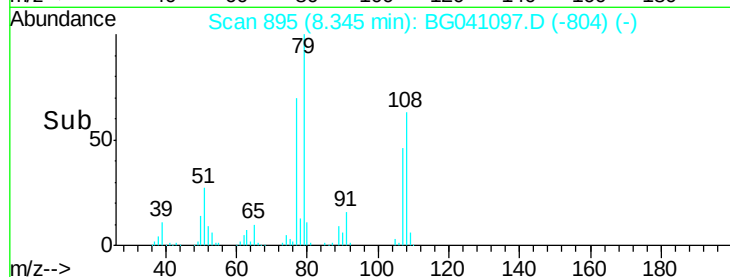
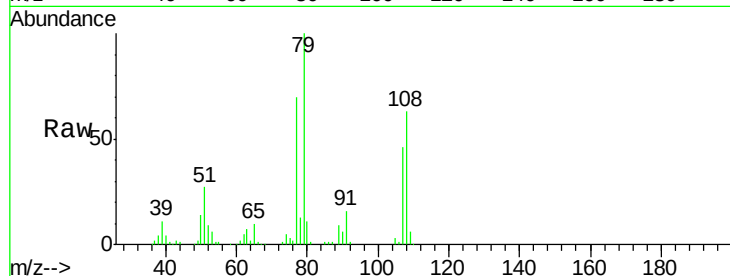
ClientSampled :

PB120399BS

Tot Ion:	79	Resp:	130795
Ion Ratio	Lower	Upper	
79	100		
108	63.0	52.9	79.3
77	69.5	53.7	80.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.406 ng

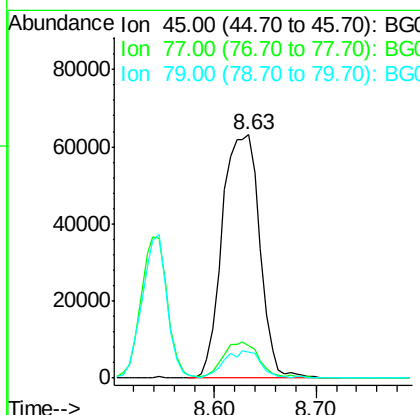
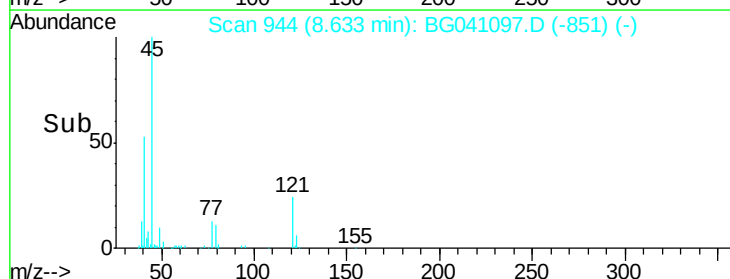
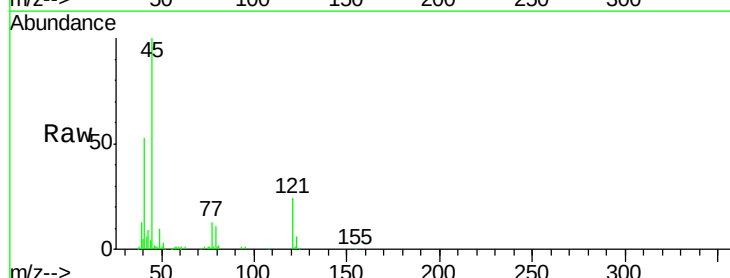
RT: 8.63 min Scan# 944

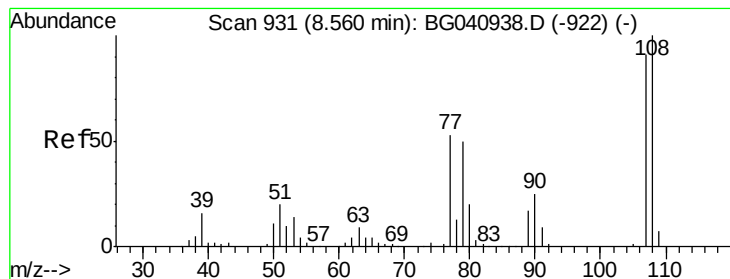
Delta R.T. 0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	45	Resp:	161847
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	36.1
79	10.6	0.0	31.5





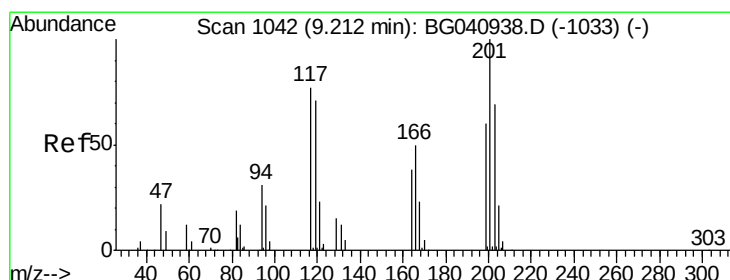
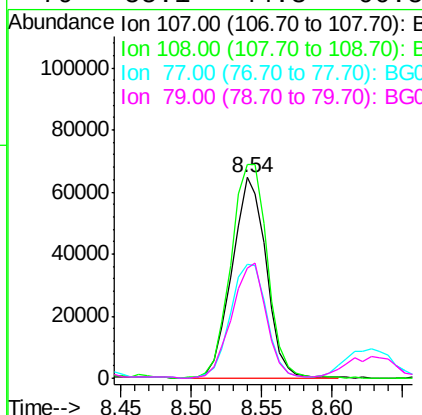
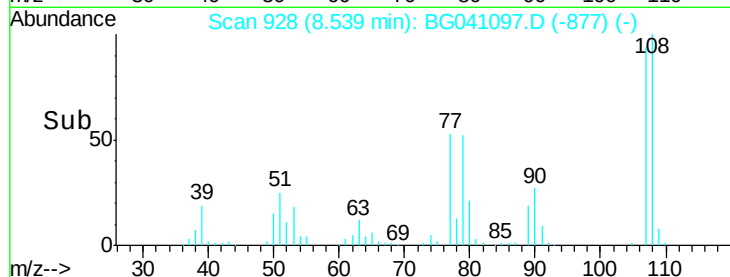
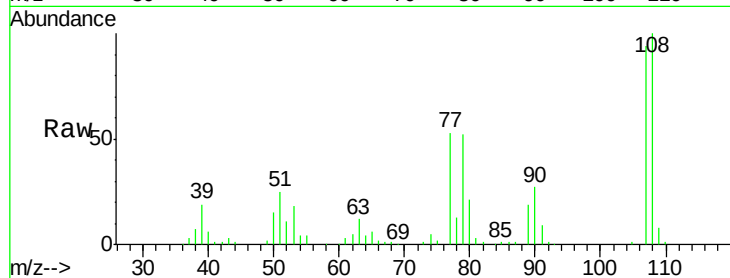
#17
2-Methylphenol
Concen: 46.964 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampled :
PB120399BS

Tot Ion	107	Resp	109480
Ion Ratio	Lower	Upper	
107	100		
108	106.4	89.1	133.7
77	56.9	48.6	72.8
79	55.1	44.3	66.5

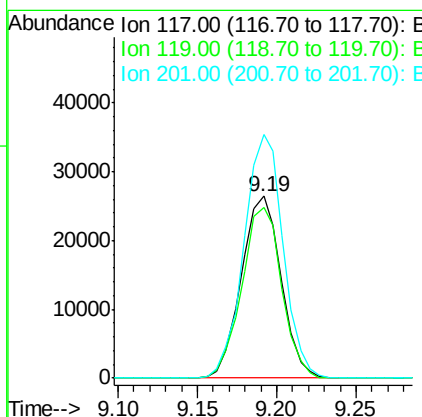
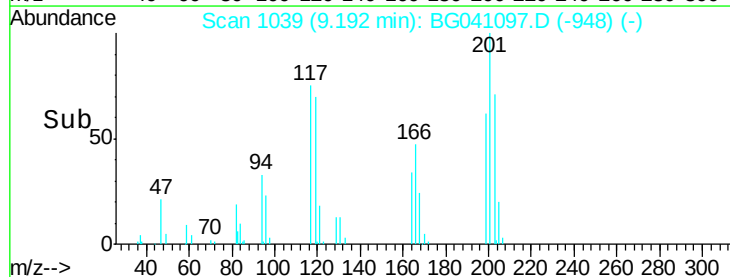
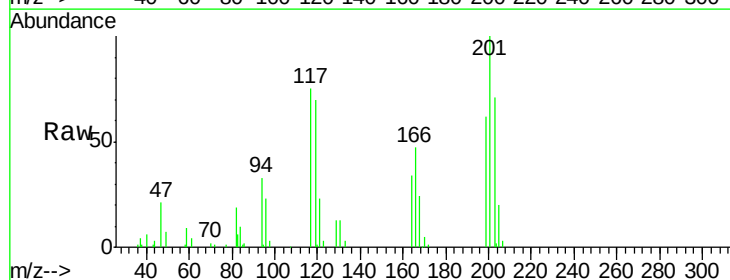
Manual Integrations
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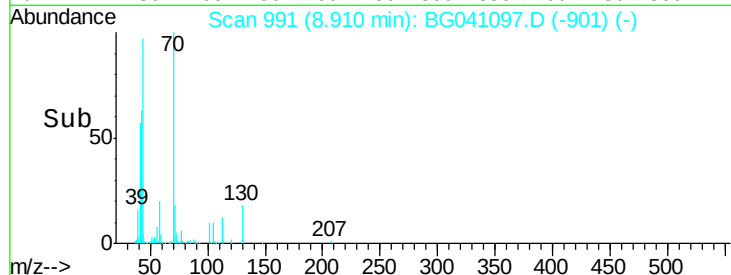
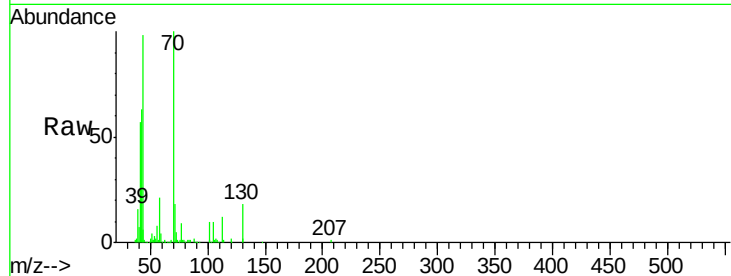
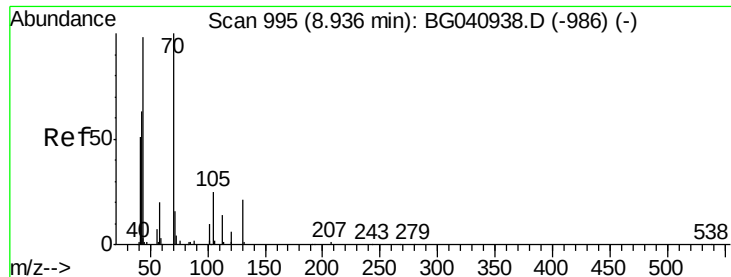
mohammad
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#18
Hexachloroethane
Concen: 42.588 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	117	Resp	45998
Ion Ratio	Lower	Upper	
117	100		
119	94.0	74.8	112.2
201	133.8	98.5	147.7





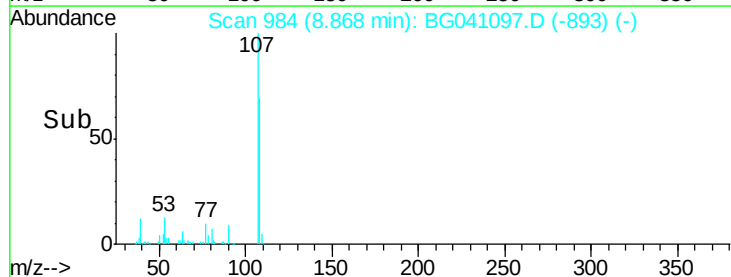
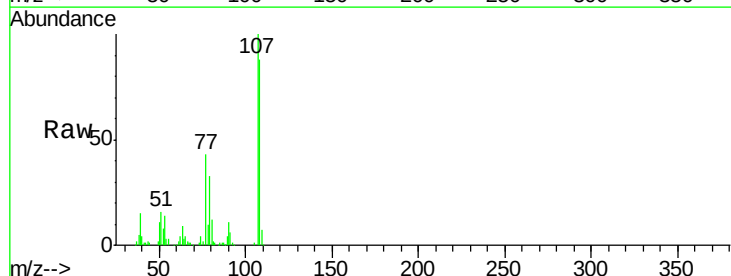
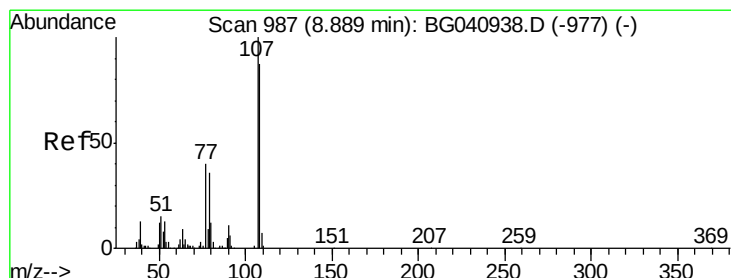
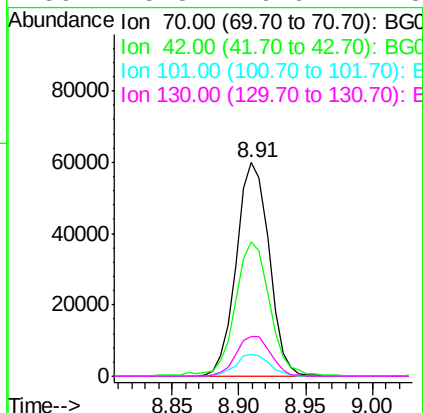
#19
n-Nitroso-di-n-propylamine
Concen: 44.143 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	53.1	79.7	
101	10.4	8.0	12.0	
130	18.3	16.6	24.8	

Instrument :
BNA_G
ClientSampleId :
PB120399BS

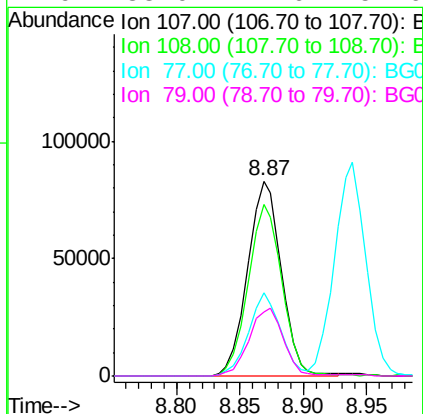
Manual Integrations
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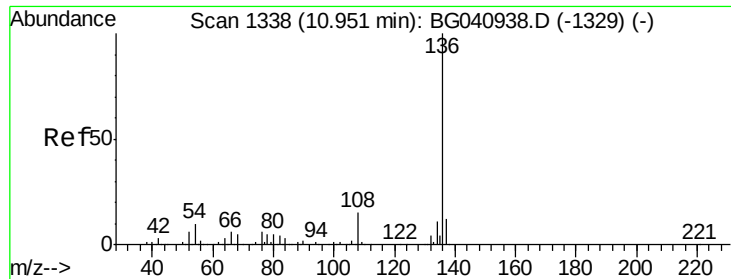
mohammad
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#20
3+4-Methylphenols
Concen: 47.632 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	63.2	103.2	
77	42.7	18.9	58.9	
79	33.0	11.6	51.6	





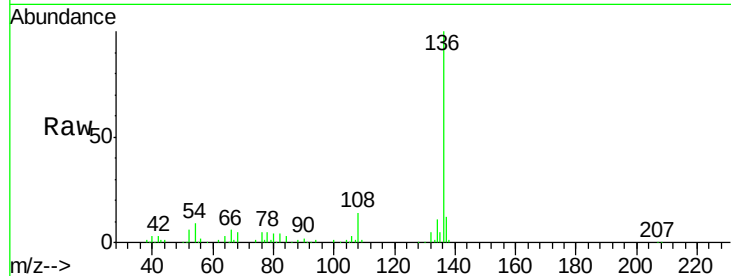
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		141641		
137	11.5	8.9	13.3		
54	9.1	7.4	11.2		
68	4.9	4.0	6.0		

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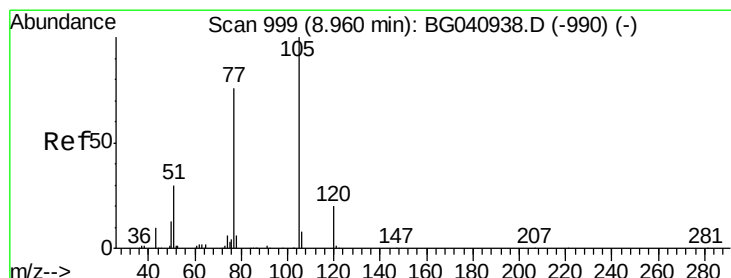
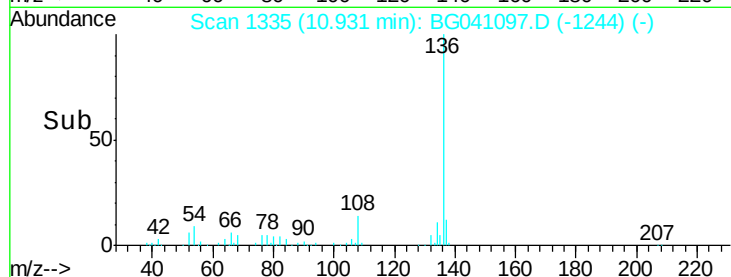
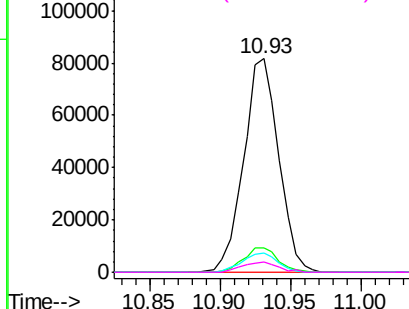
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 48.116 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		191176		
71	0.3	0.6	0.8#		
51	31.6	24.2	36.2		
120	21.6	16.3	24.5		

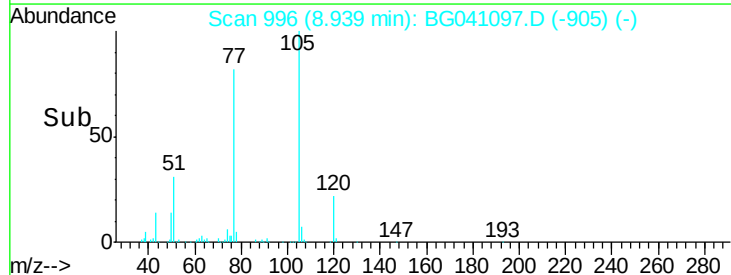
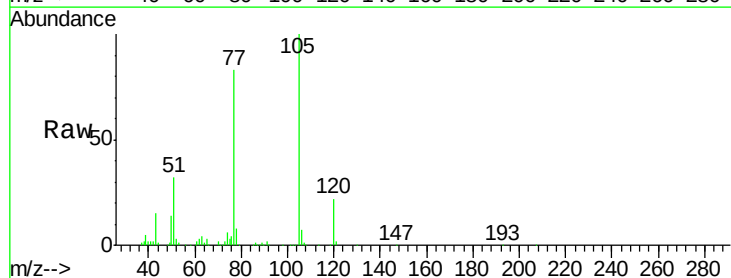
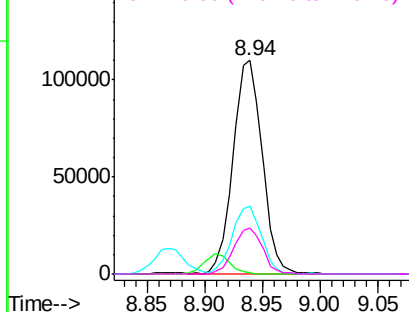
Abundance

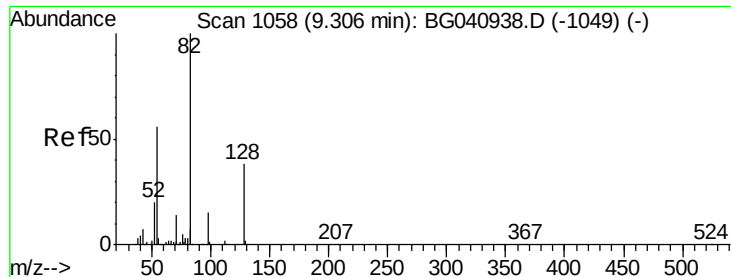
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





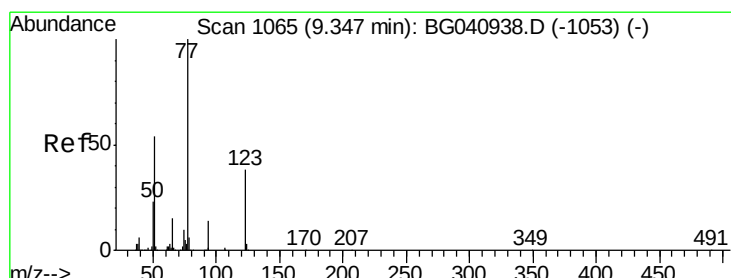
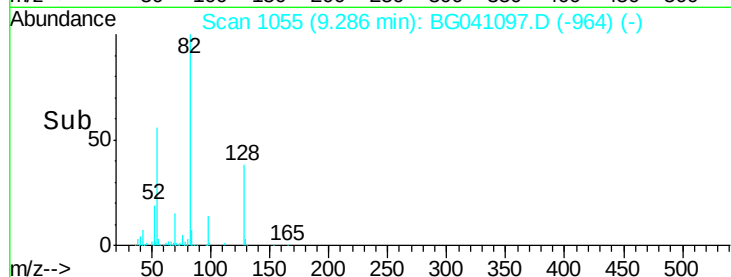
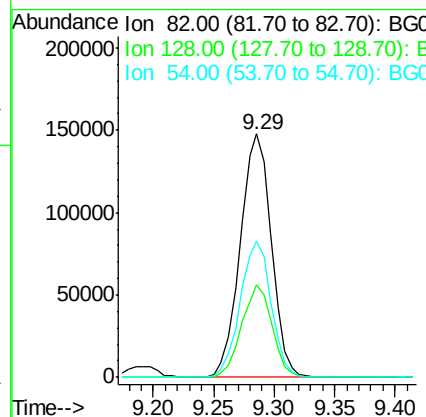
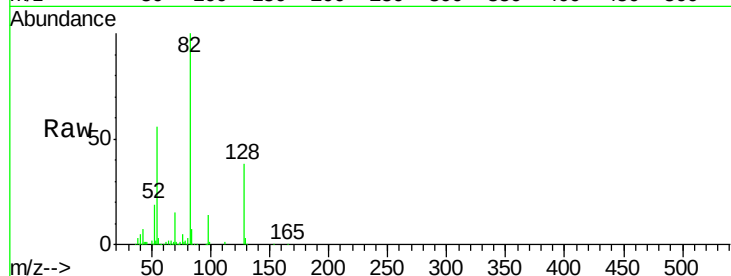
#23
 Nitrobenzene-d5
 Concen: 83.264 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.8	44.6
54	55.9	43.6	65.4

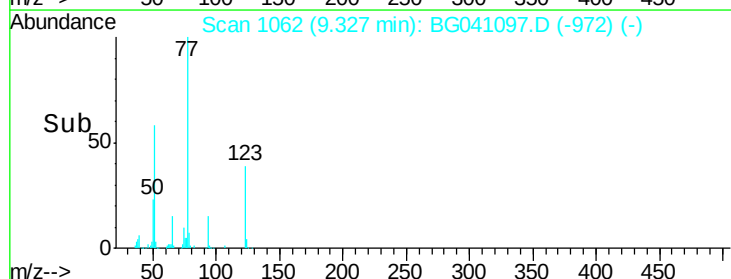
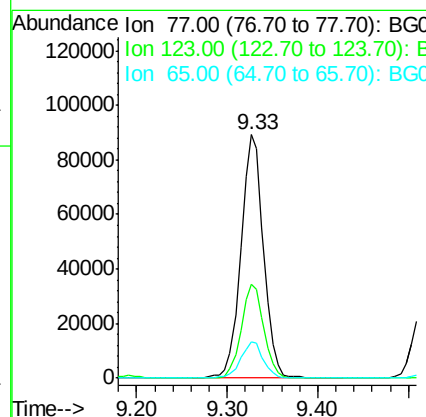
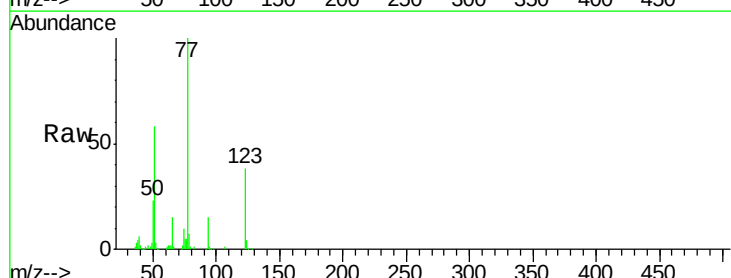
Manual Integrations
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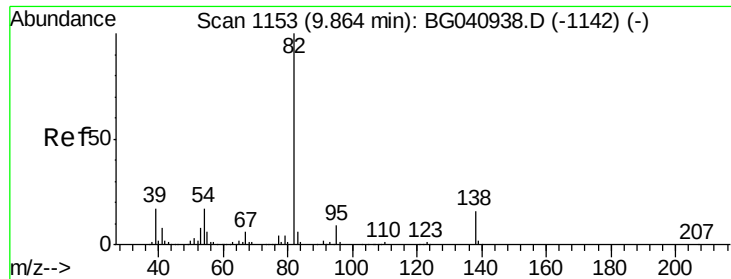
mohammad
 6/11/2019 8:54:17 AM



#24
 Nitrobenzene
 Concen: 47.467 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.9	46.3
65	14.8	13.3	19.9





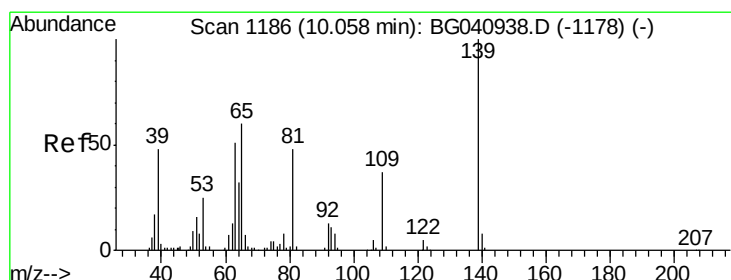
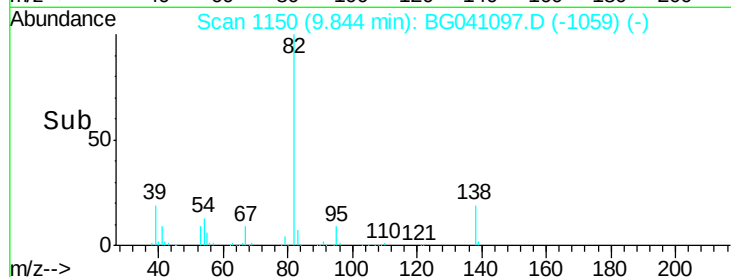
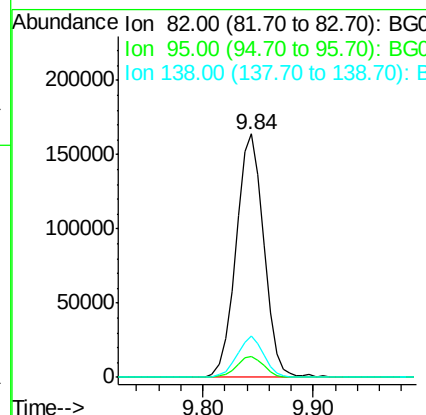
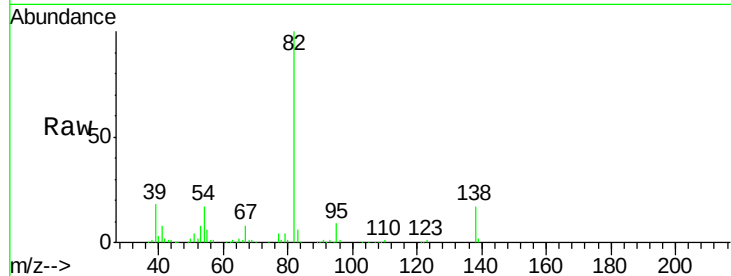
#25
Isophorone
Concen: 47.623 ng
RT: 9.84 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289162		
95	8.6		6.2	9.4
138	16.9		12.6	19.0

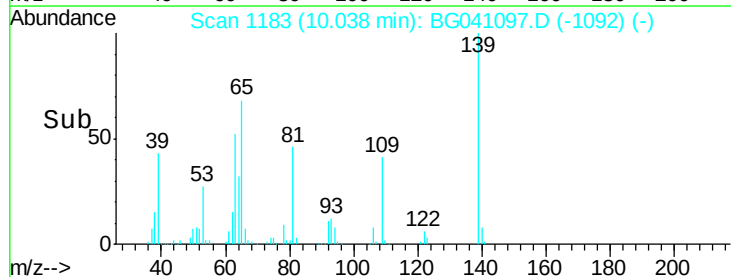
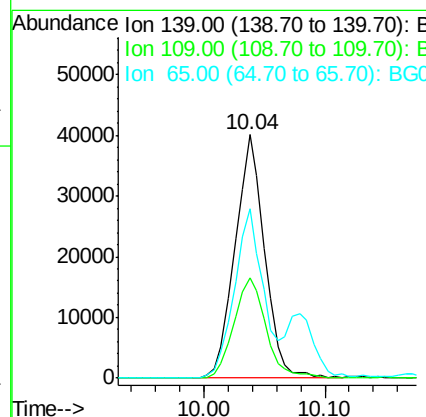
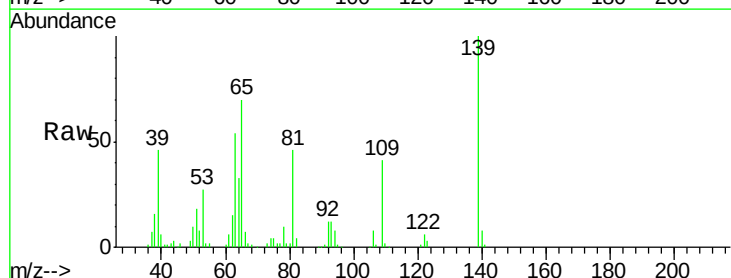
Manual Integrations
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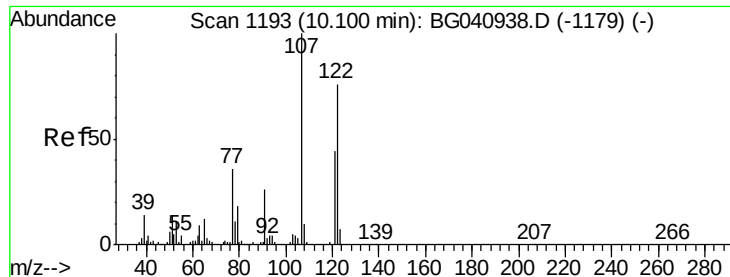
mohammad
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#26
2-Nitrophenol
Concen: 50.920 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	68254		
109	41.0		30.8	46.2
65	69.8		52.5	78.7





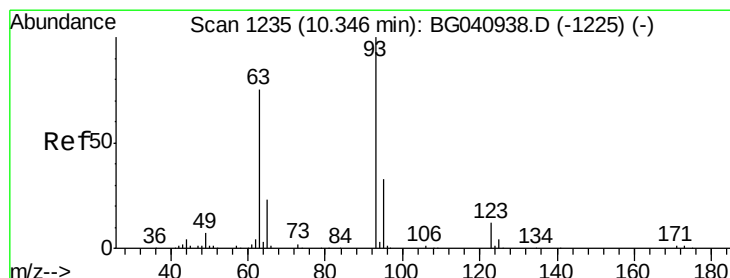
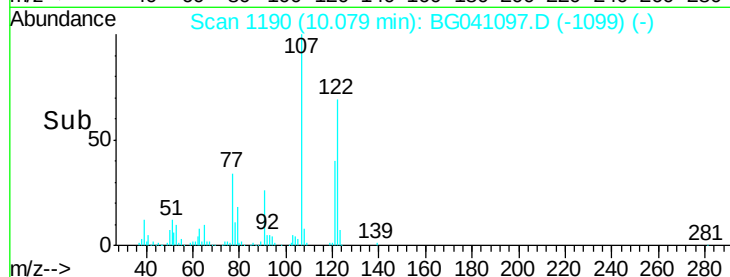
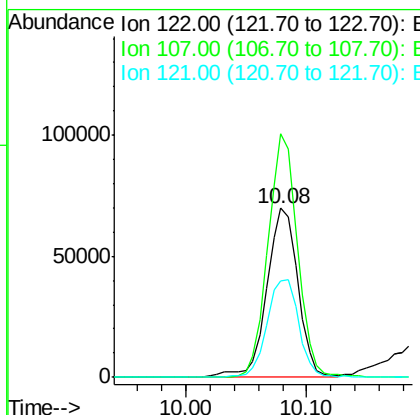
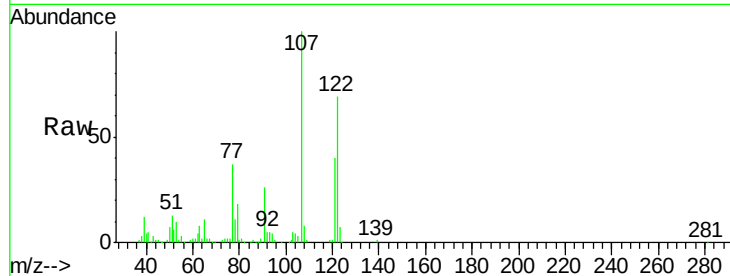
#27
2,4-Dimethylphenol
Concen: 56.281 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.9	111.1	166.7
121	57.2	45.6	68.4

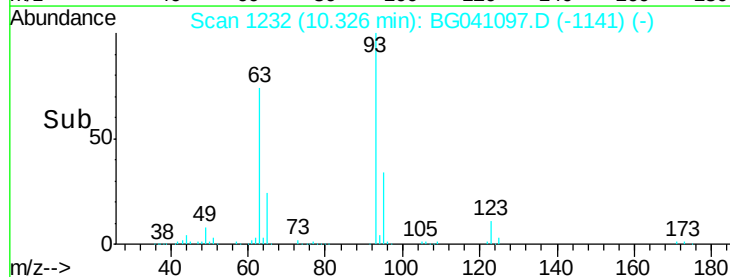
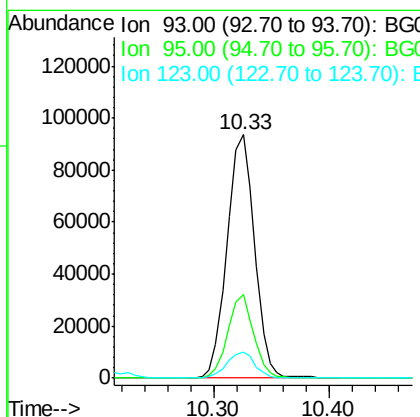
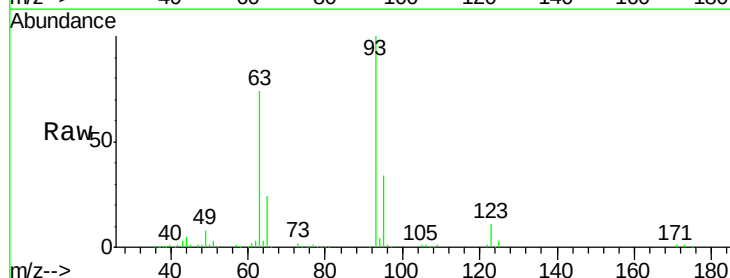
Manual Integrations
APPROVED

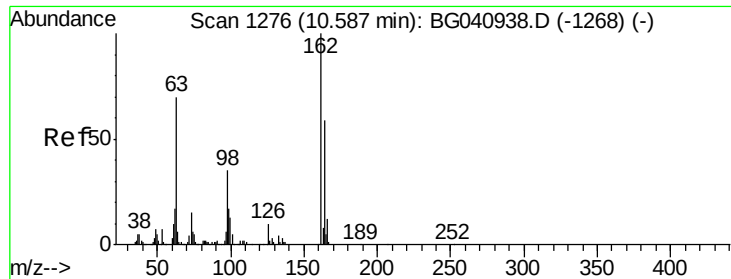
mohammad
6/11/2019 8:54:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.192 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	25.7	38.5
123	10.8	9.1	13.7





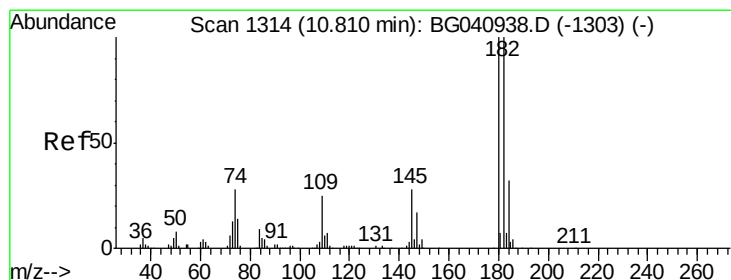
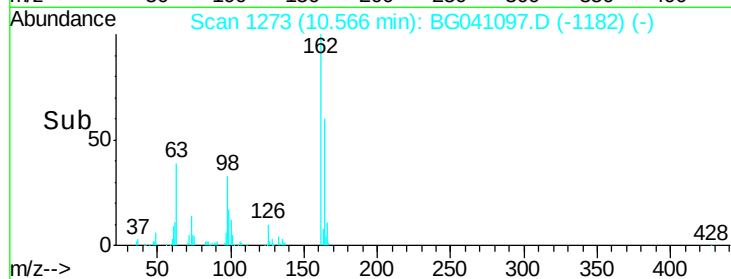
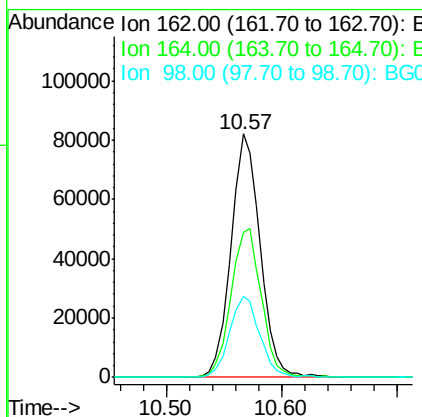
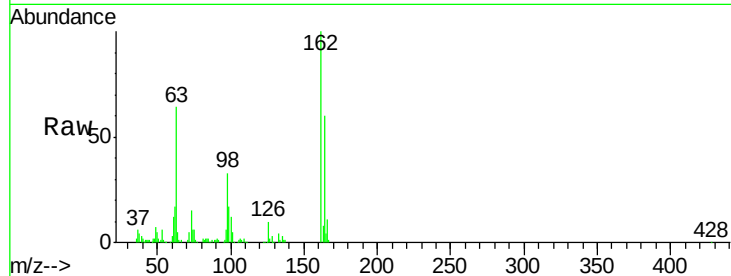
#29
2,4-Dichlorophenol
Concen: 51.145 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampled :
PB120399BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.7	41.4	81.4	
98	33.5	14.8	54.8	

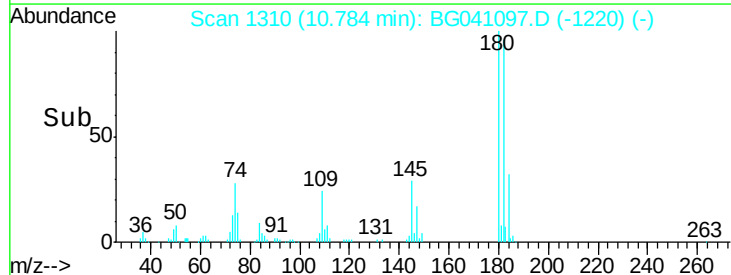
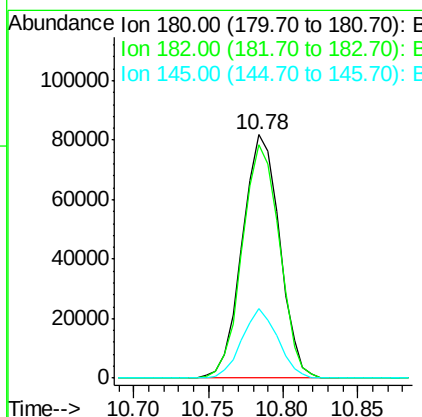
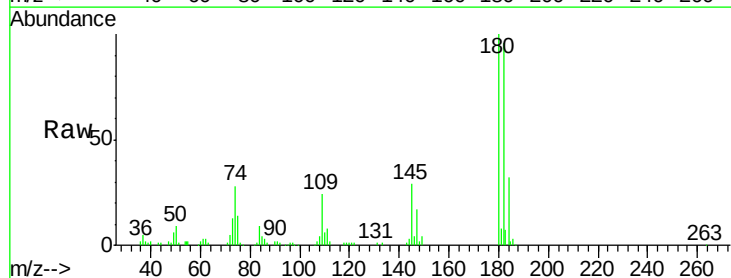
Manual Integrations
APPROVED

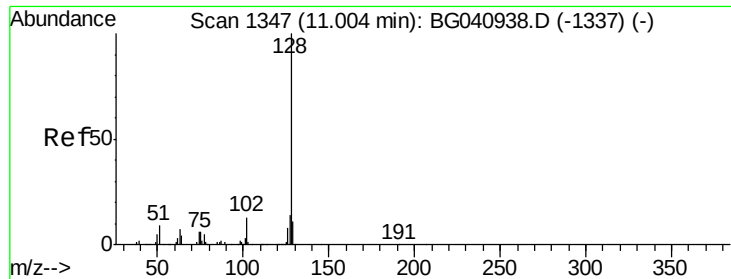
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.265 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	76.5	114.7	
145	28.6	21.3	31.9	





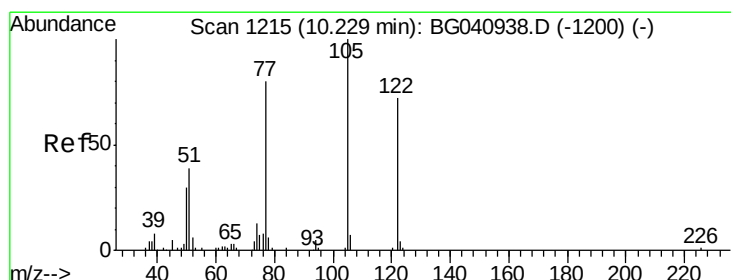
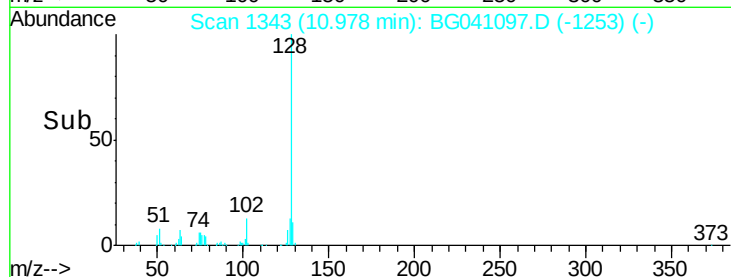
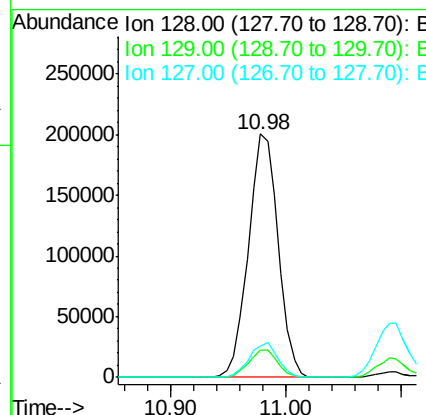
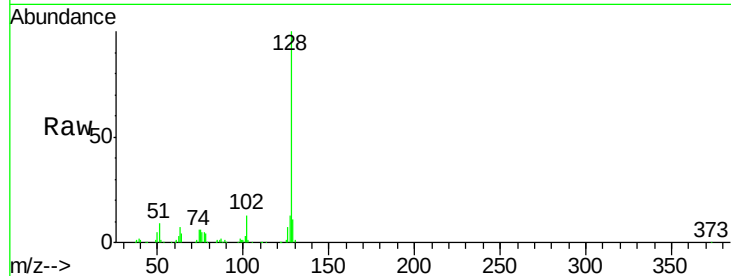
#31
Naphthalene
Concen: 47.139 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampled :
PB120399BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.8	11.4	17.0

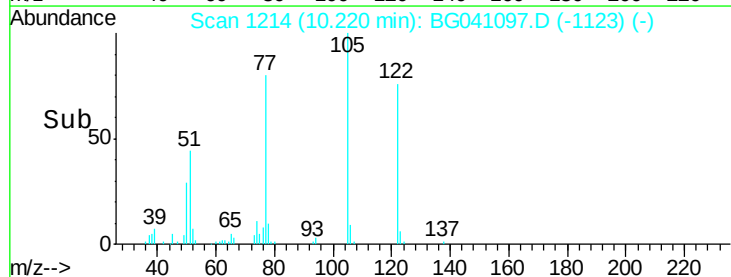
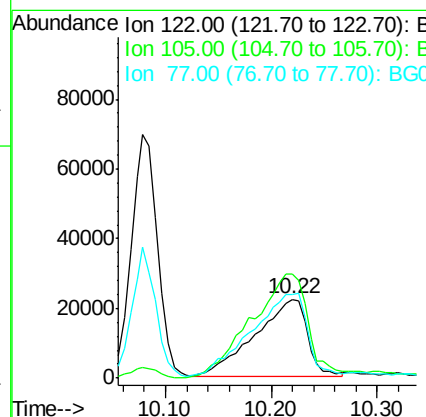
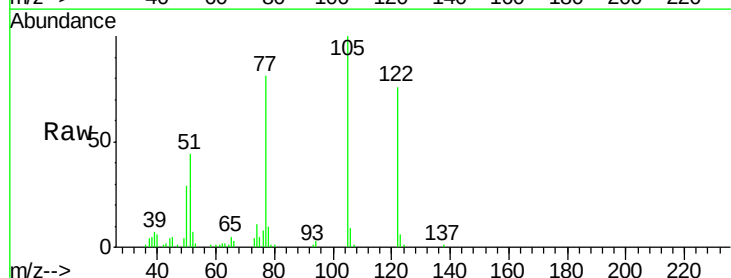
Manual Integrations
APPROVED

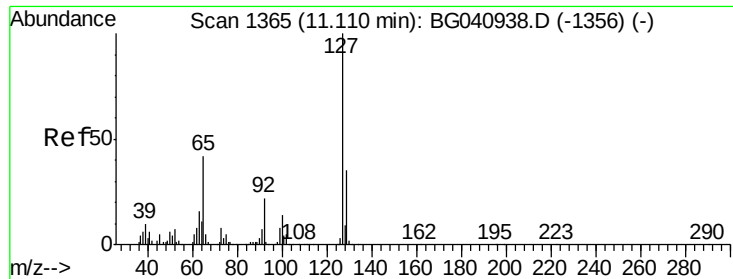
mohammad
6/11/2019 8:54:17 AM



#32
Benzoic acid
Concen: 44.124 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	134.0	174.0#
77	106.9	91.5	131.5





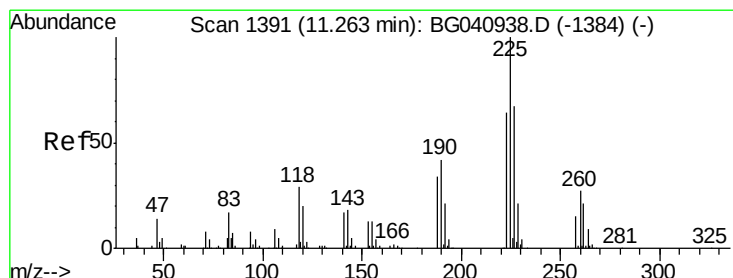
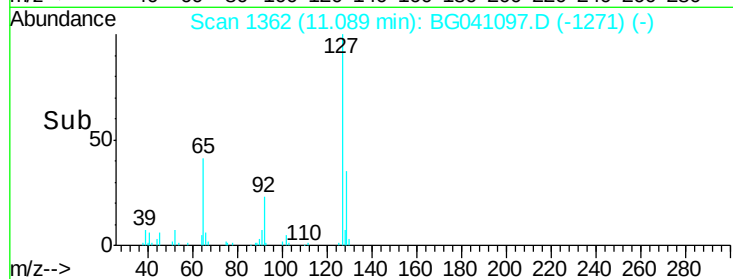
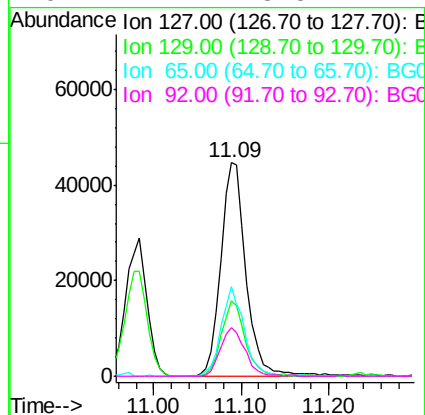
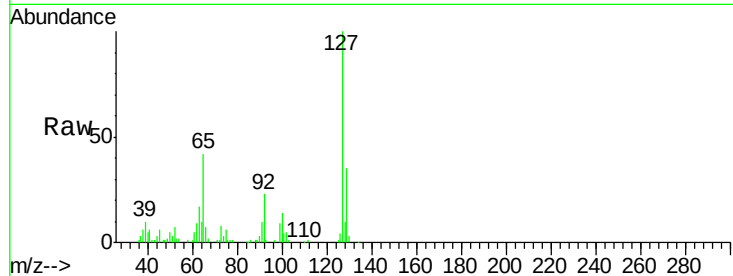
#33
4-Chloroaniline
Concen: 25.169 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.2	25.0	37.4		
65	42.0	30.2	45.4		
92	22.7	18.5	27.7		

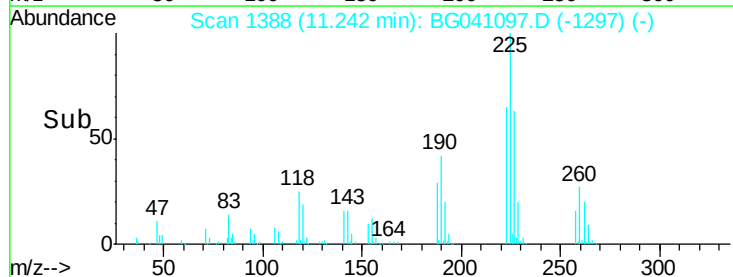
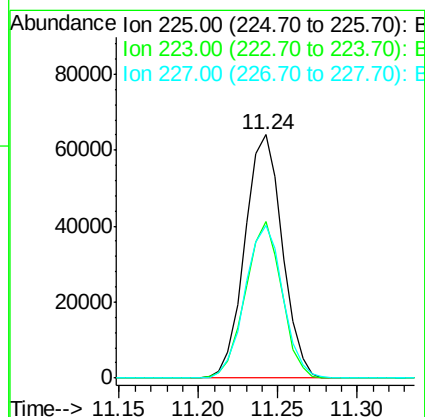
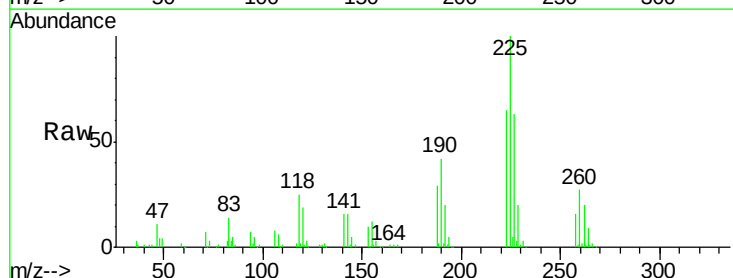
Manual Integrations
APPROVED

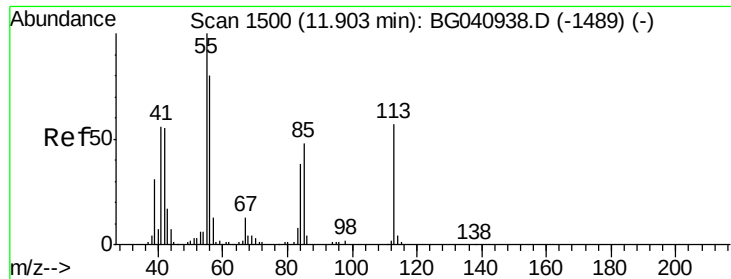
mohammad
6/11/2019 8:54:17 AM



#34
Hexachlorobutadiene
Concen: 42.965 ng
RT: 11.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.1	73.7		
227	65.9	52.0	78.0		





#35

Caprolactam

Concen: 50.182 ng/ml

RT: 11.87 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

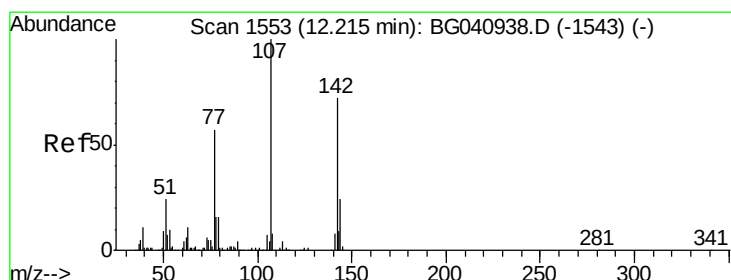
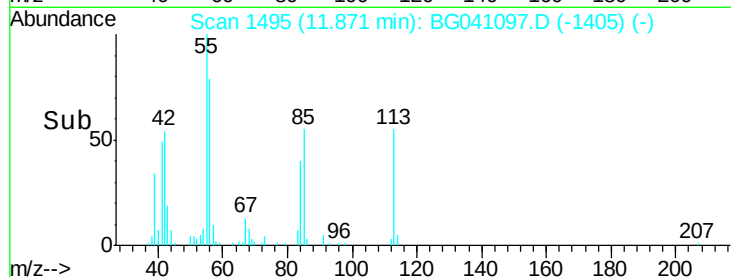
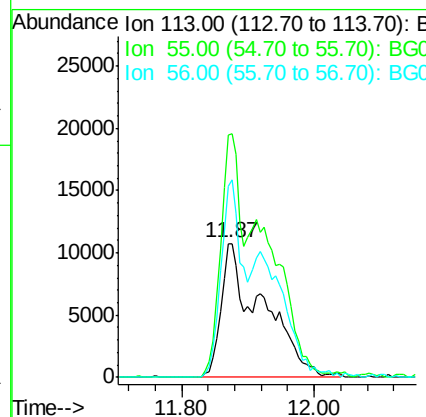
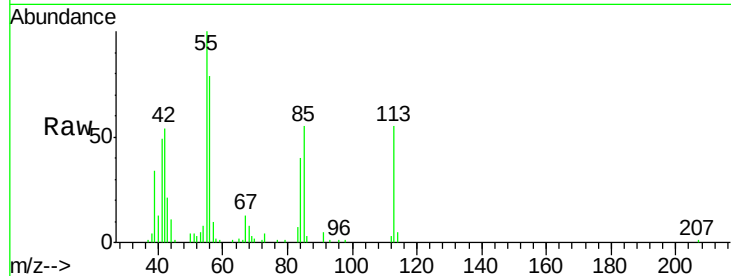
ClientSampleId :

PB120399BS

Tot Ion:	113	Resp:	46586
Ion	Ratio	Lower	Upper
113	100		
55	181.6	174.4	214.4
56	143.1	127.9	167.9

Manual Integrations
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mohammad
6/11/2019 8:54:17 AM



#36

4-Chloro-3-methylphenol

Concen: 51.159 ng/ml

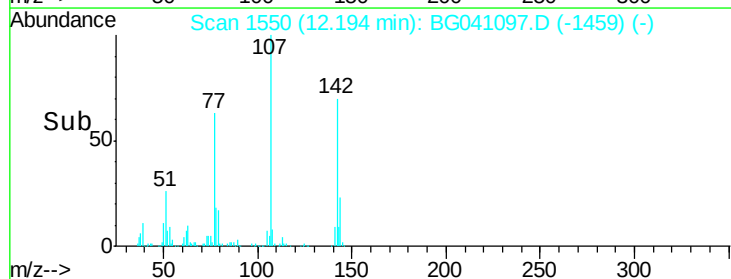
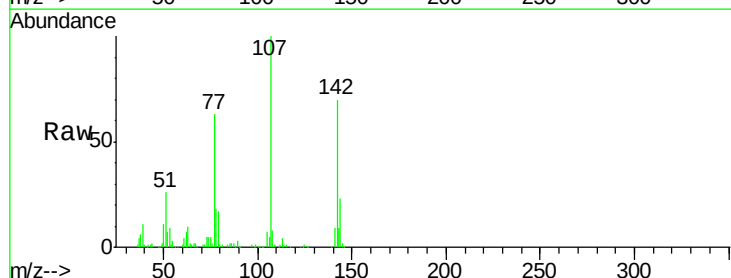
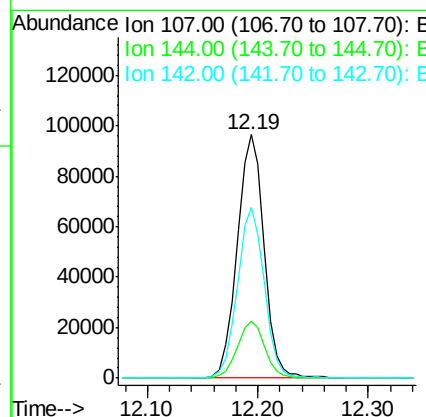
RT: 12.19 min Scan# 1550

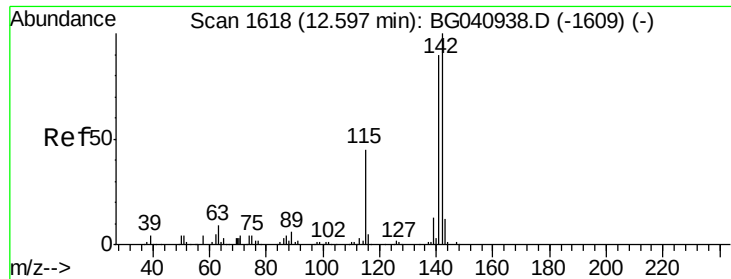
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	107	Resp:	164252
Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.5	27.7
142	70.2	54.6	81.8





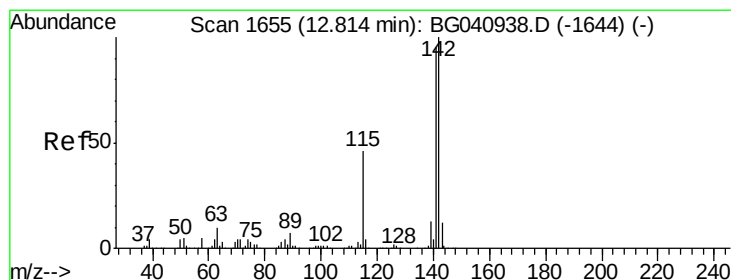
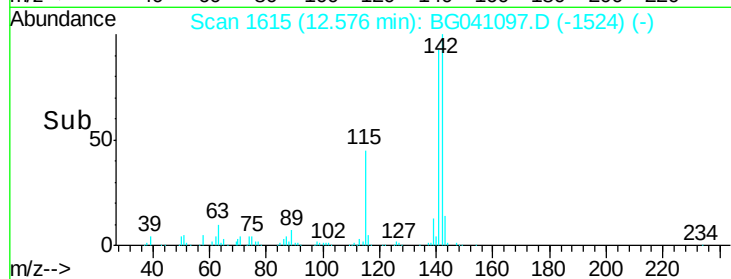
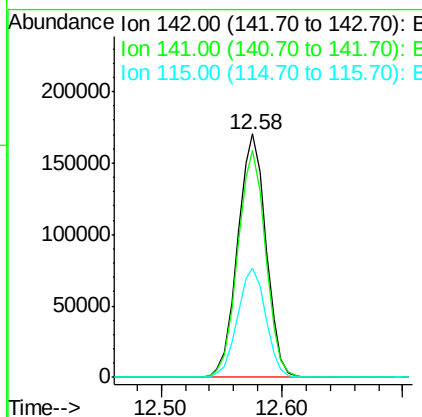
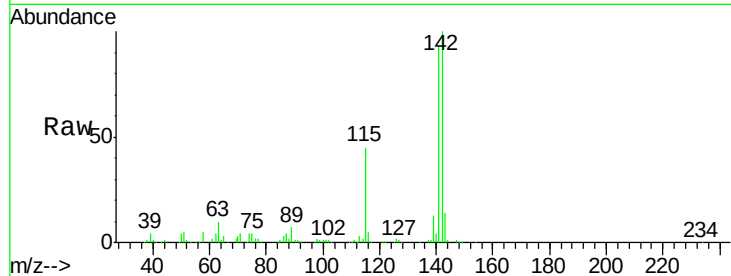
#37
 2-Methylnaphthalene
 Concen: 47.505 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.5	107.3
115	44.9	35.1	52.7

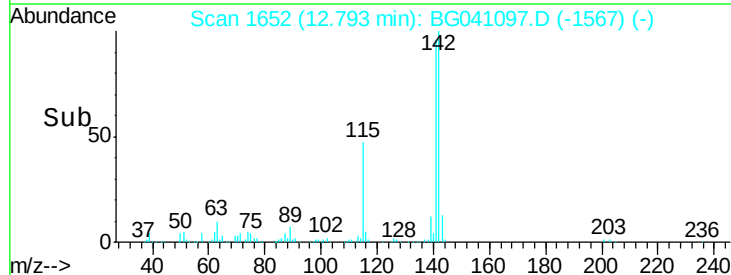
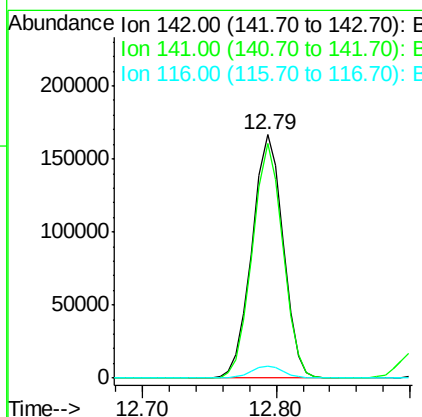
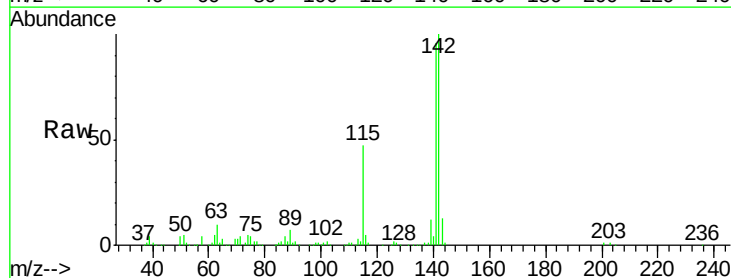
Manual Integrations
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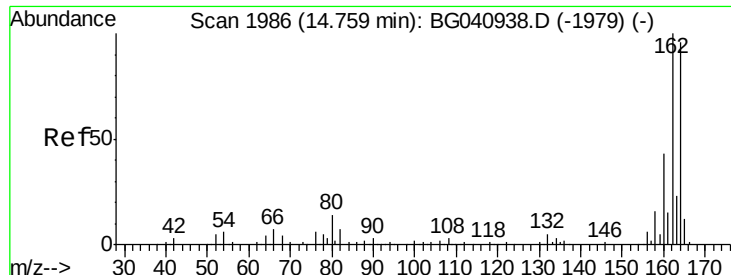
mohammad
 6/11/2019 8:54:17 AM



#38
 1-Methylnaphthalene
 Concen: 48.600 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.4	113.0
116	4.8	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampled :

PB120399BS

Tot Ion:164 Resp: 112883

Ion Ratio Lower Upper

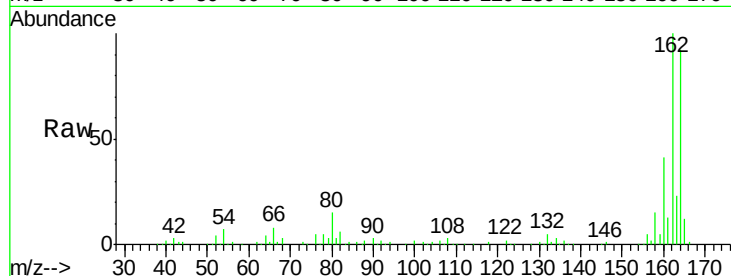
164 100

162 109.0 85.4 128.0

160 45.0 37.1 55.7

Manual Integrations
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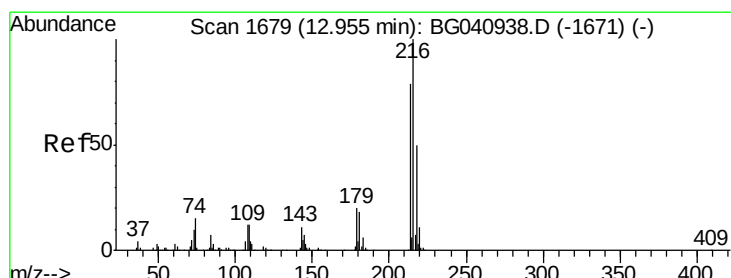
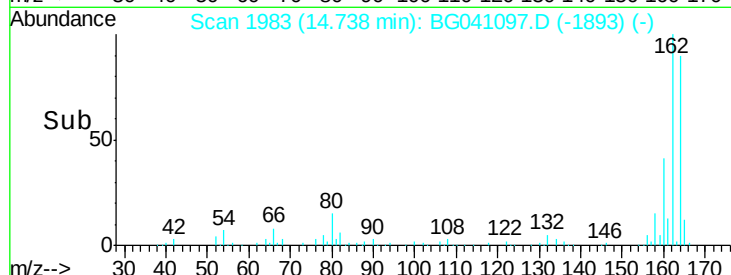
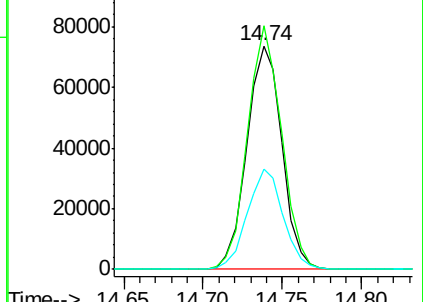
mohammad
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.285 ng

RT: 12.93 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:216 Resp: 201490

Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.6

179 19.3 15.4 23.2

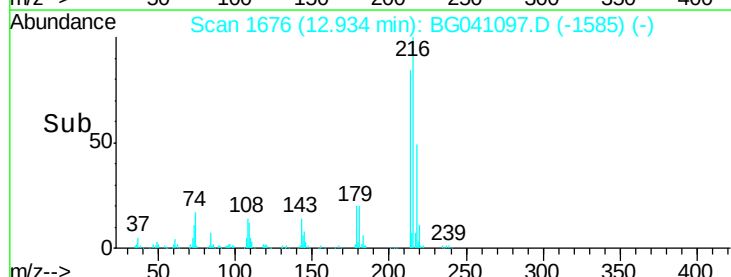
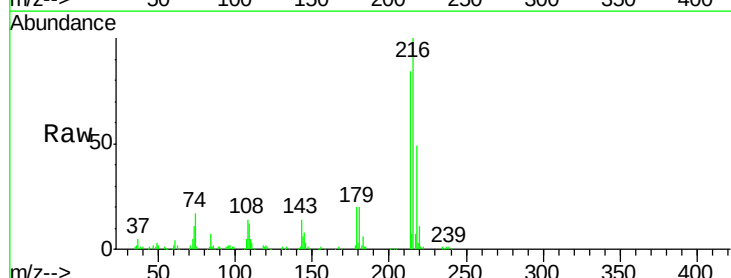
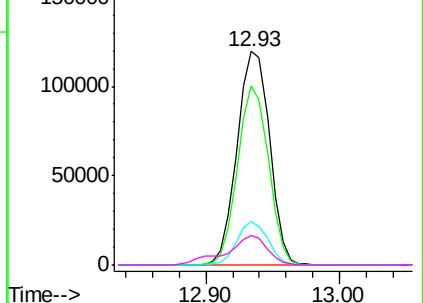
108 17.2 12.1 18.1

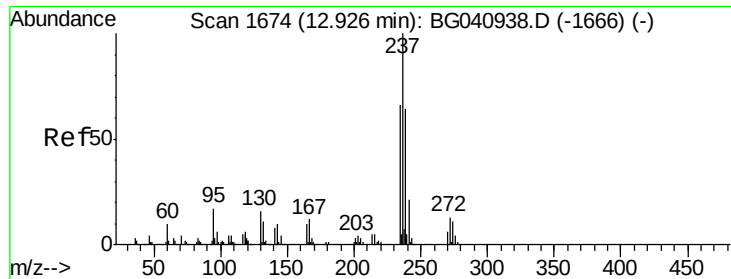
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





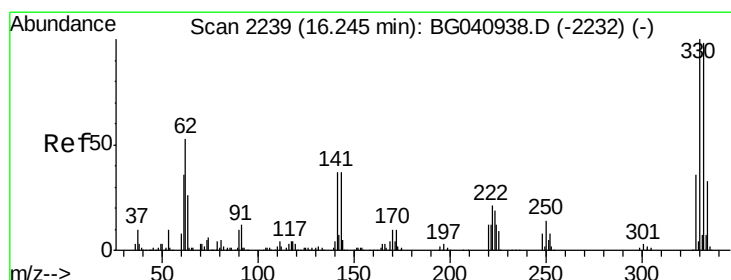
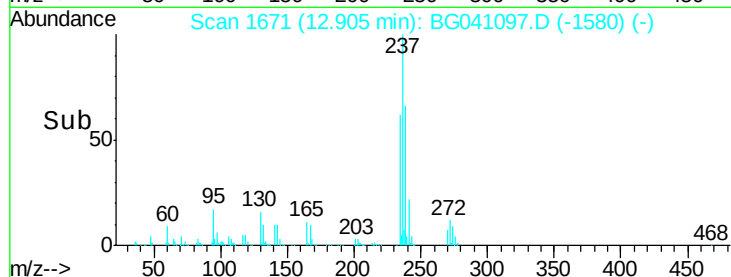
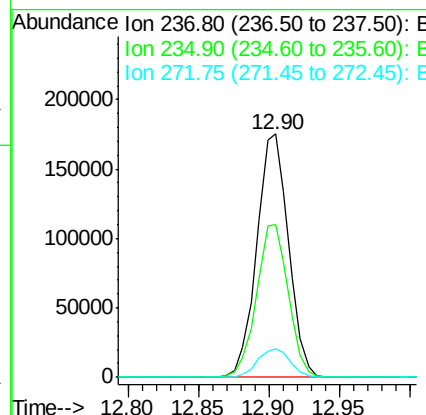
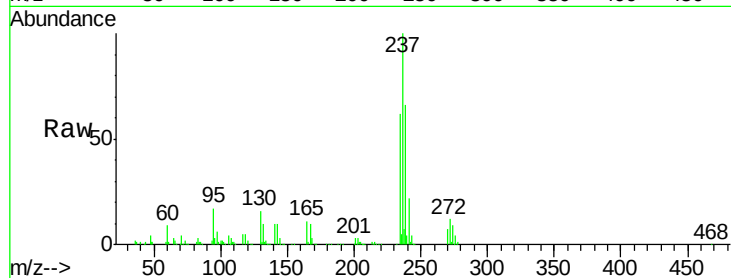
#41
Hexachlorocyclopentadiene
Concen: 109.480 ng
RT: 12.90 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	40.5	80.5
272	12.0	0.0	31.4

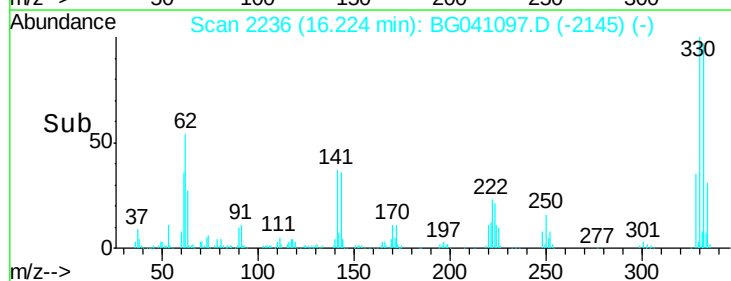
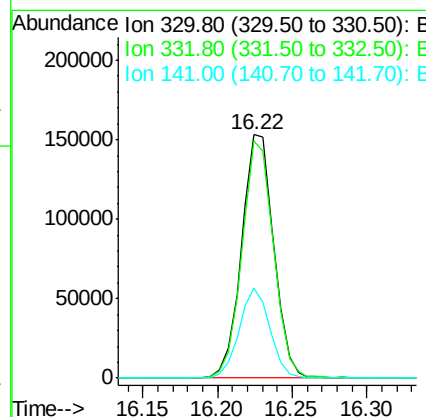
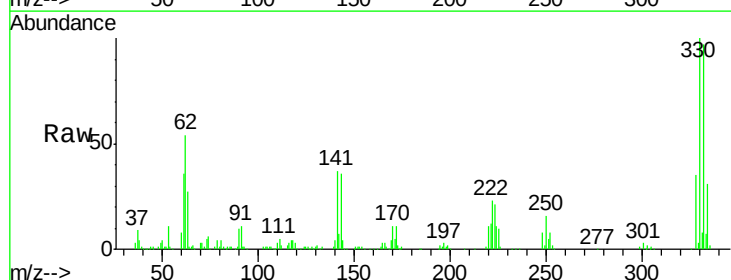
Manual Integrations
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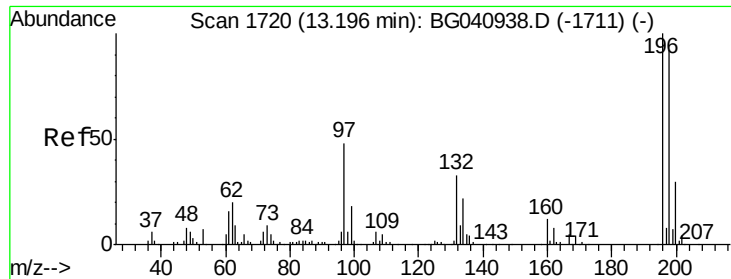
mohammad
6/11/2019 8:54:17 AM



#42
2,4,6-Tribromophenol
Concen: 136.283 ng
RT: 16.22 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	77.9	116.9
141	35.6	29.0	43.4





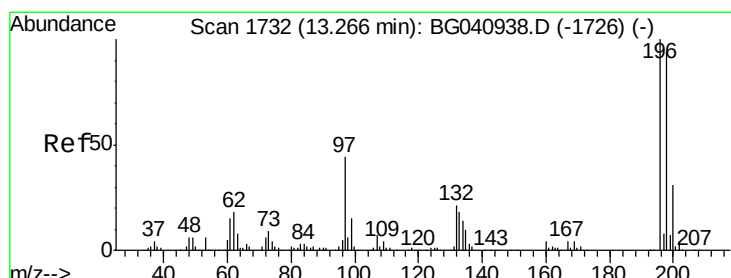
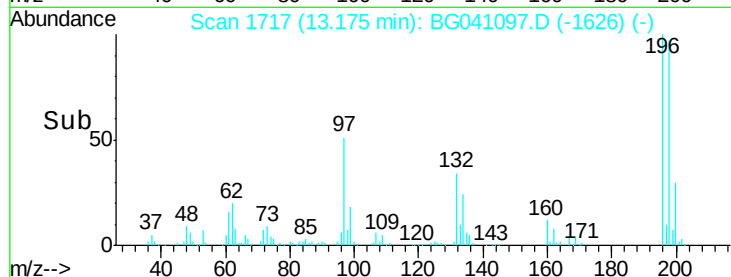
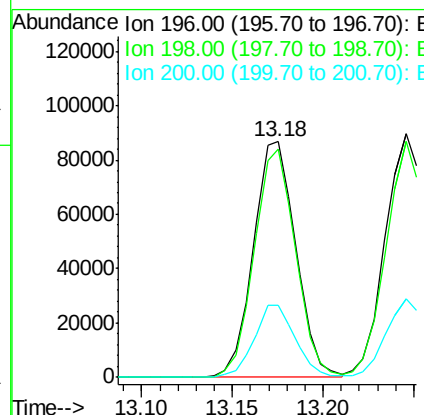
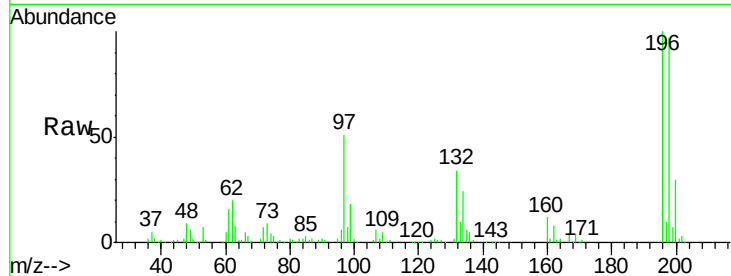
#43
 2,4,6-Trichlorophenol
 Concen: 47.727 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140477		
198	97.1	79.0	118.6	
200	30.5	23.8	35.8	

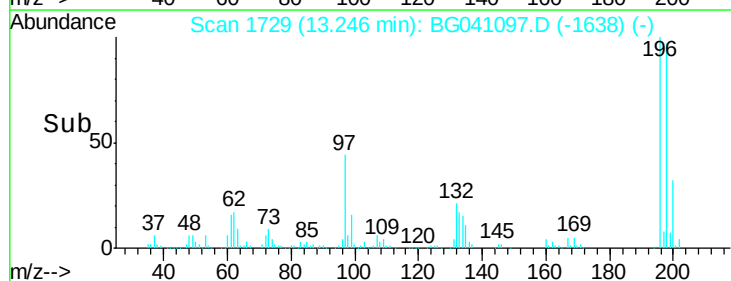
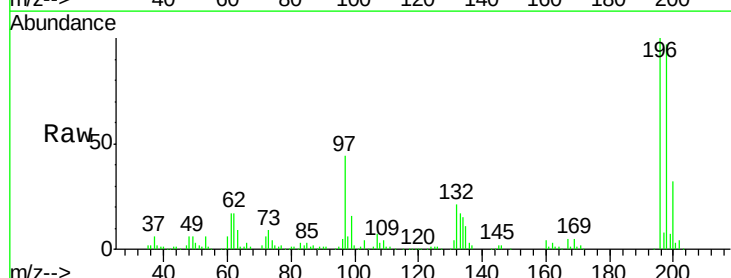
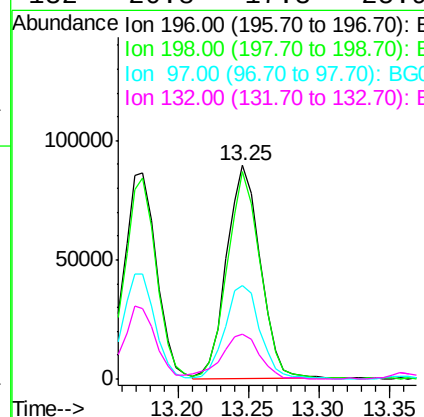
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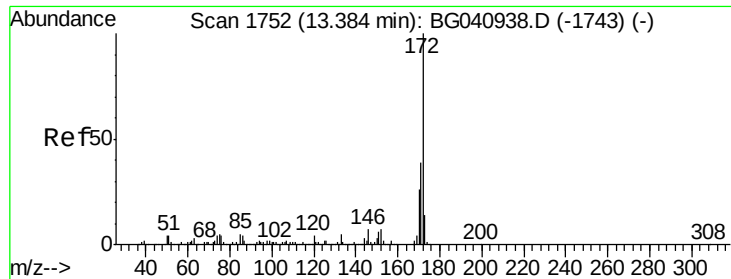
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.966 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148894		
198	97.1	78.2	117.4	
97	44.0	37.9	56.9	
132	20.8	17.3	25.9	





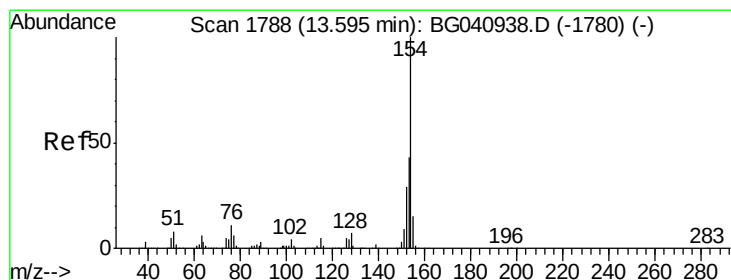
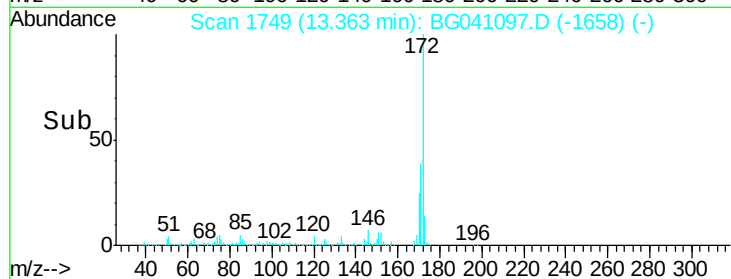
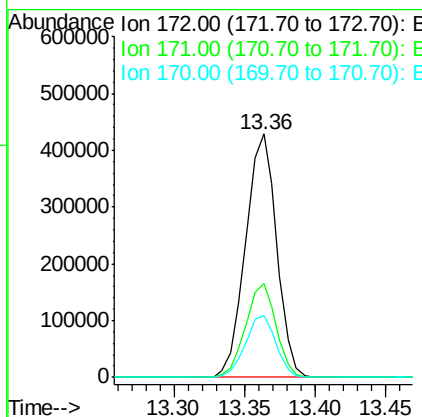
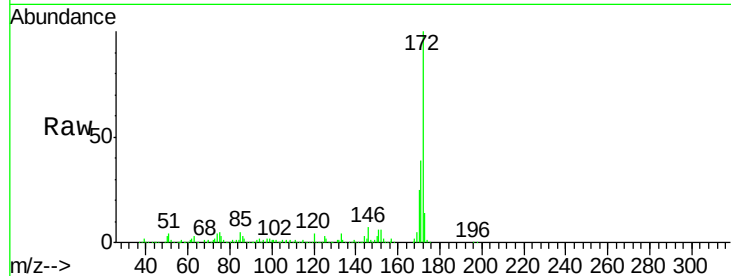
#45
2-Fluorobiphenyl
Concen: 84.327 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.3	21.3	31.9

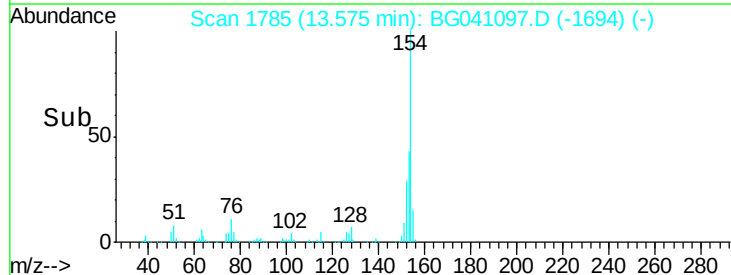
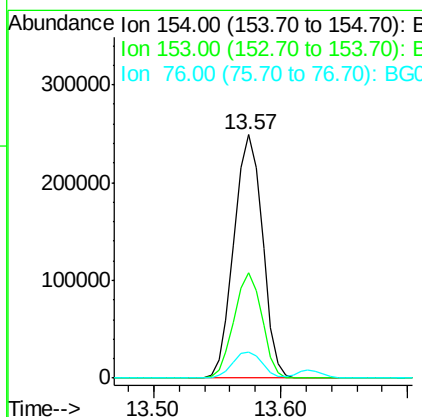
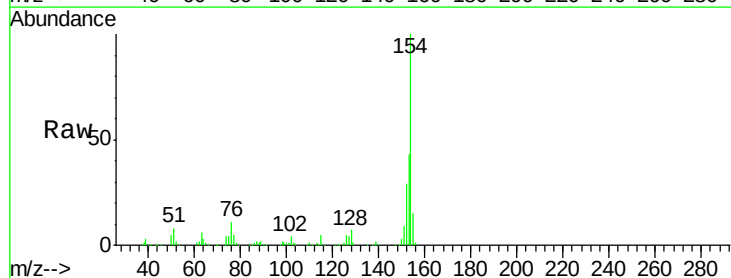
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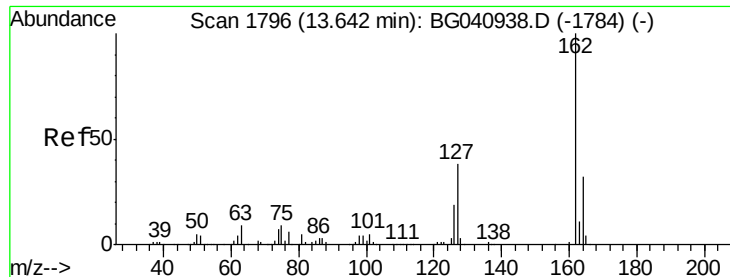
mohammad
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#46
1,1'-Biphenyl
Concen: 46.498 ng
RT: 13.57 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.1	63.1
76	10.8	0.0	31.2





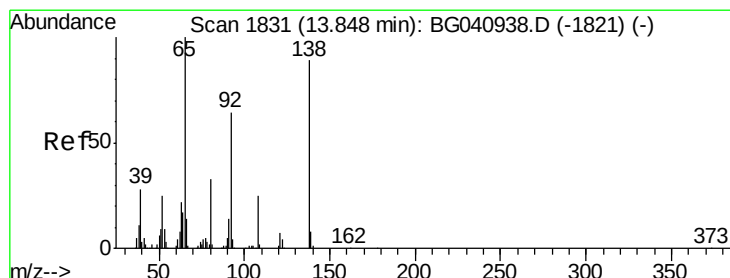
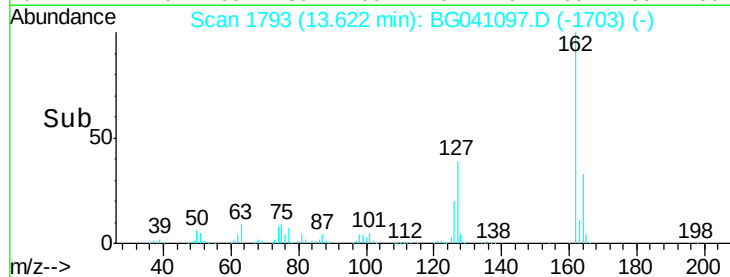
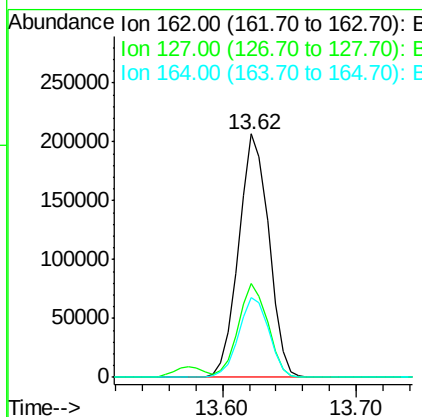
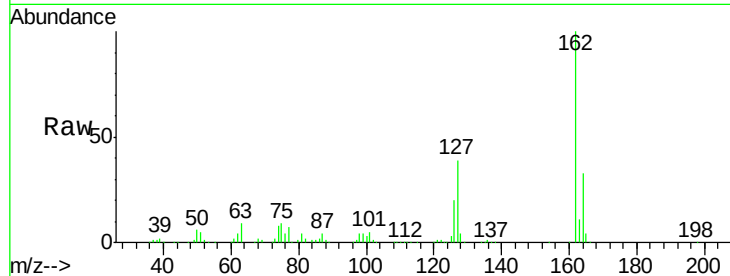
#47
 2-Chloronaphthalene
 Concen: 45.053 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.1	46.7
164	33.0	25.8	38.8

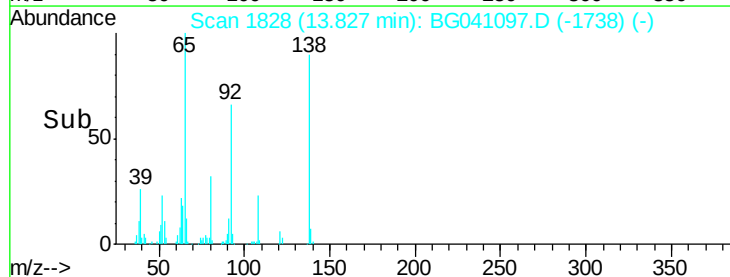
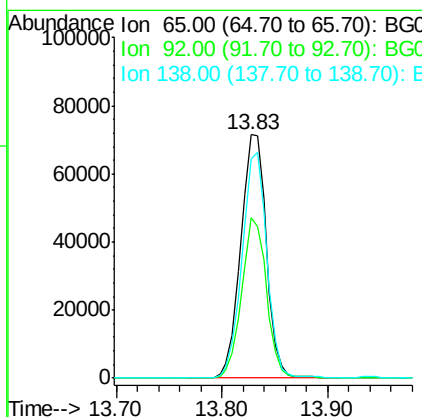
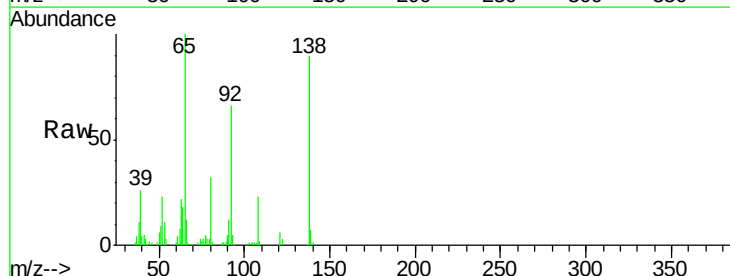
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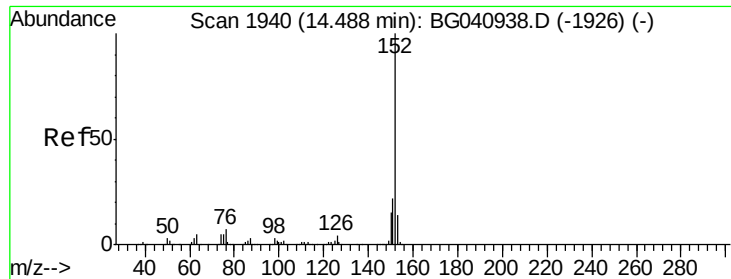
mohammad
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#48
 2-Nitroaniline
 Concen: 46.670 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	49.2	73.8
138	90.1	73.0	109.6





#49

Acenaphthylene

Concen: 47.277 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

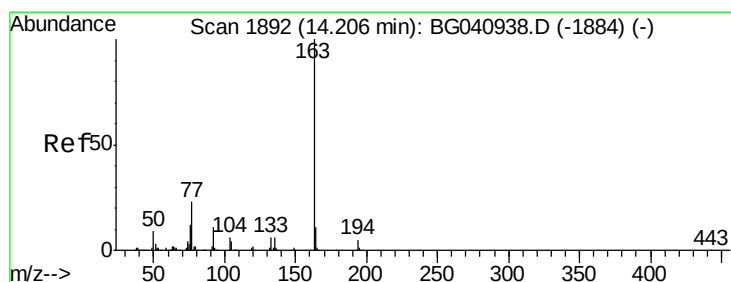
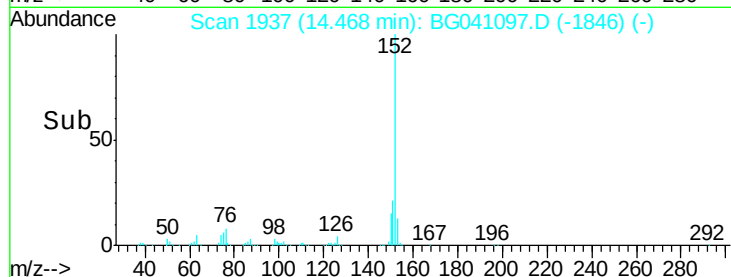
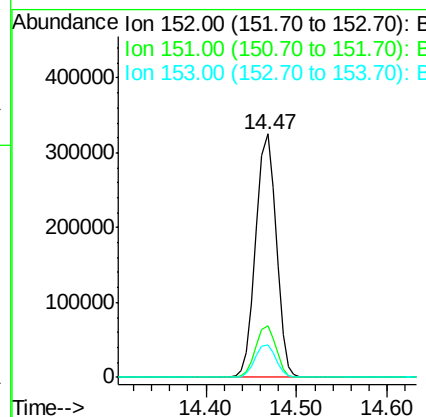
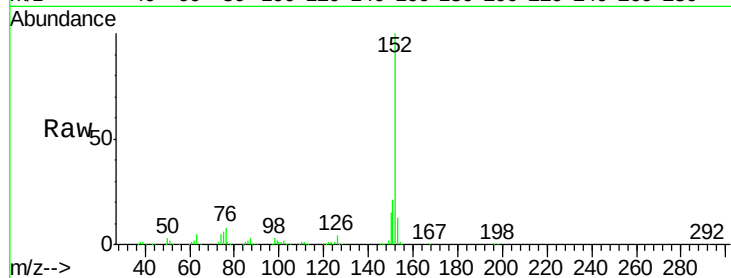
ClientSampleId :

PB120399BS

Tot Ion:	152	Resp:	510416
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	13.4	10.6	16.0

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#50

Dimethylphthalate

Concen: 46.721 ng

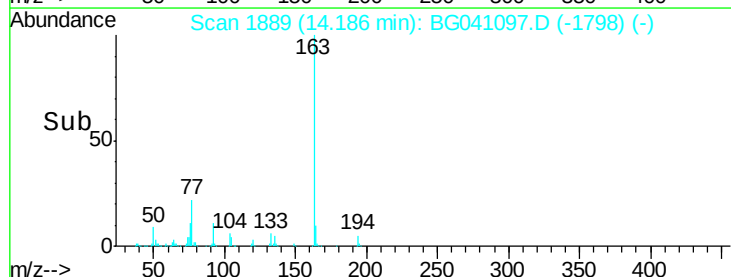
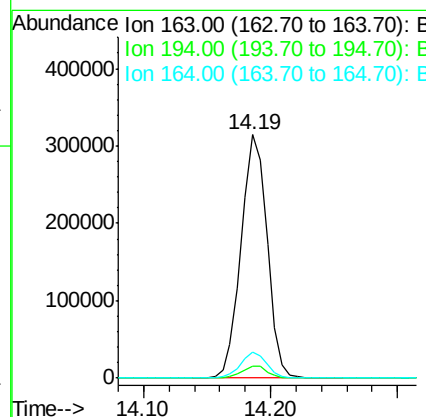
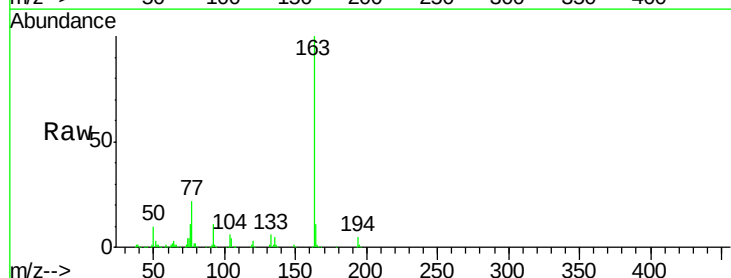
RT: 14.19 min Scan# 1889

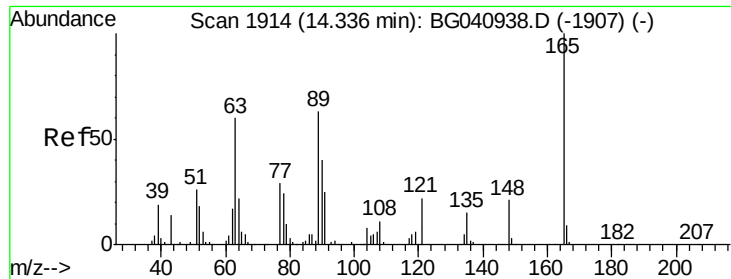
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	163	Resp:	446443
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.6
164	10.6	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 48.530 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

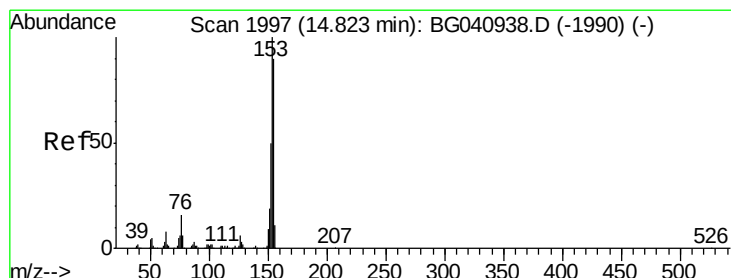
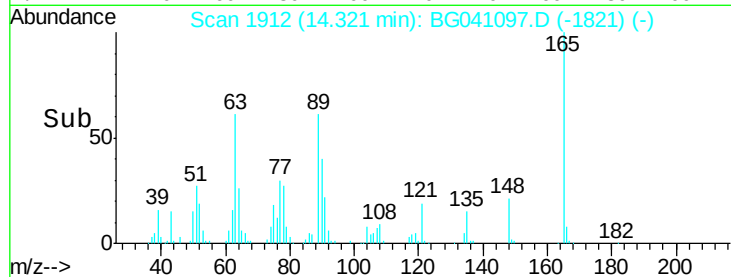
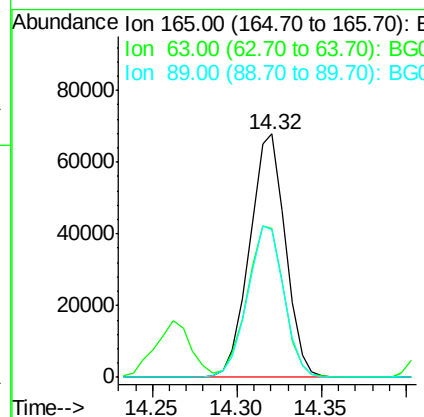
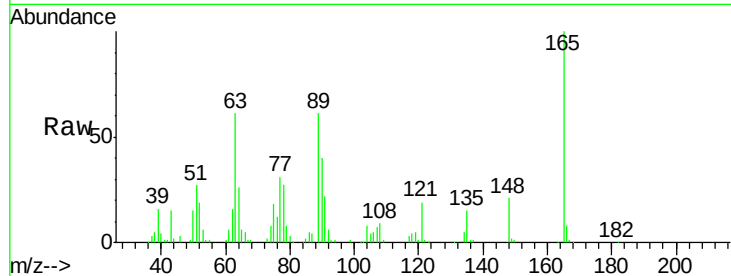
ClientSampleId :

PB120399BS

Tot Ion:	165	Resp:	99984
Ion Ratio	Lower	Upper	
165	100		
63	60.9	48.6	73.0
89	60.9	51.1	76.7

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#52

Acenaphthene

Concen: 45.390 ng

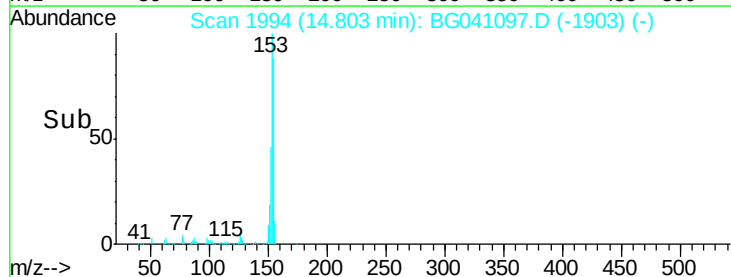
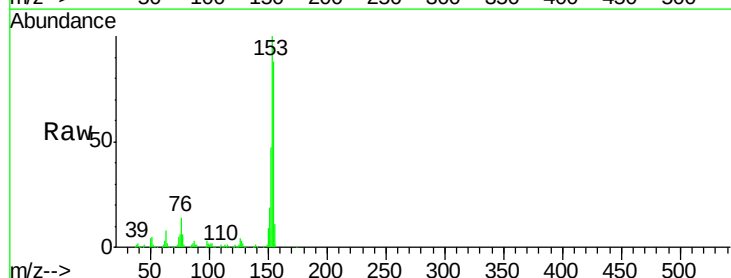
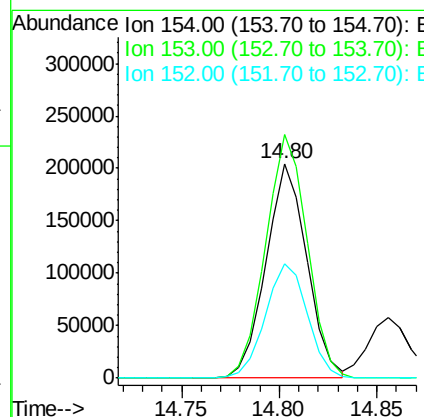
RT: 14.80 min Scan# 1994

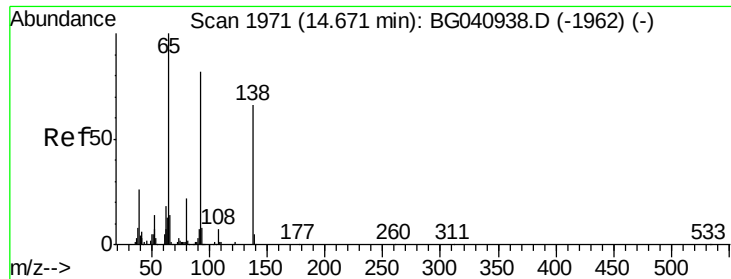
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	154	Resp:	296863
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.6	135.8
152	53.4	43.0	64.4





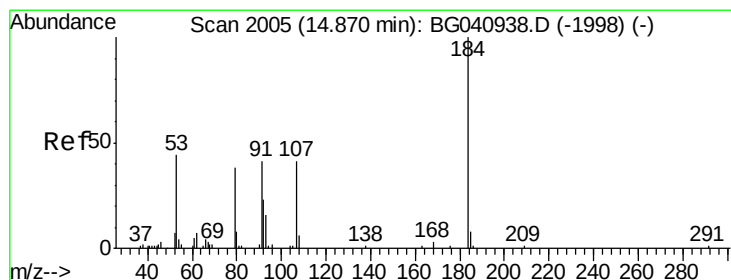
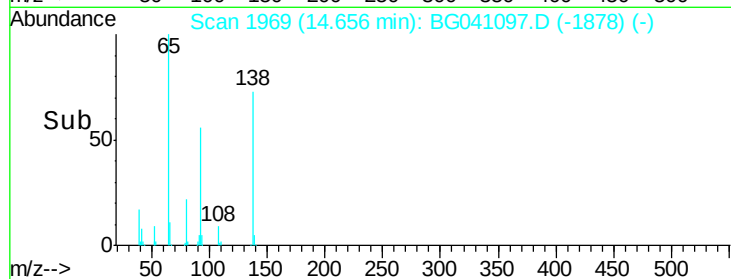
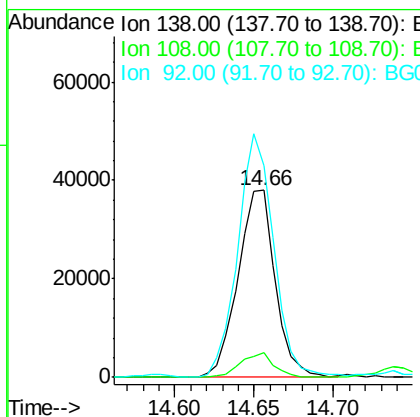
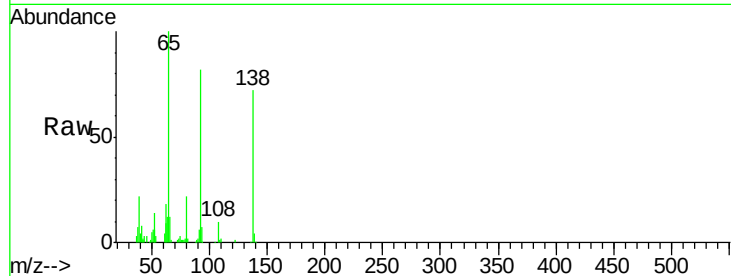
#53
3-Nitroaniline
Concen: 30.003 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.5	8.6	13.0#
92	113.1	98.0	147.0

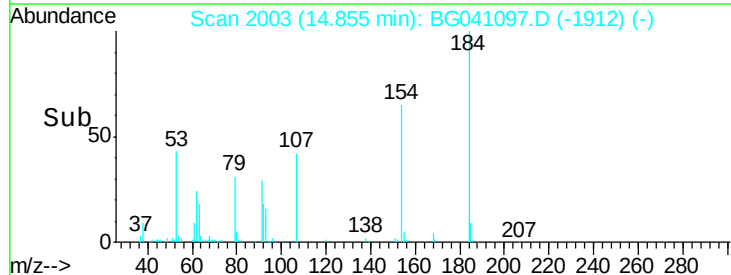
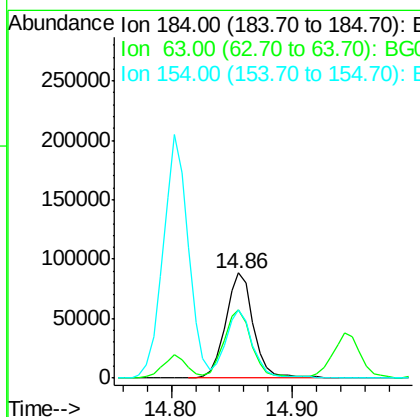
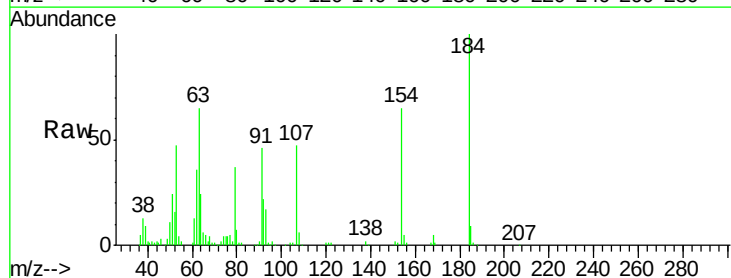
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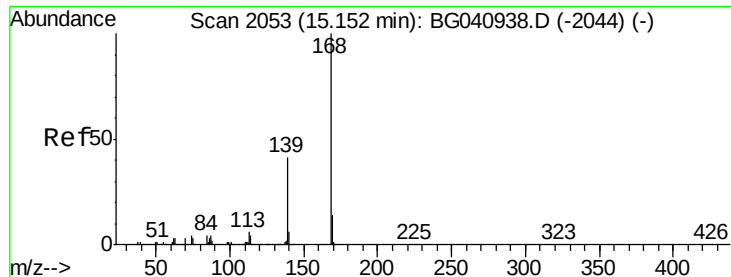
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#54
2,4-Dinitrophenol
Concen: 112.182 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	54.2	81.4
154	65.3	52.3	78.5





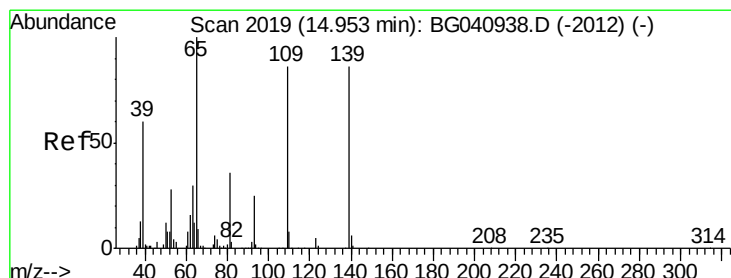
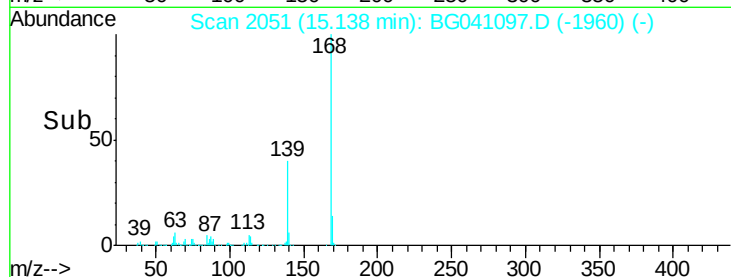
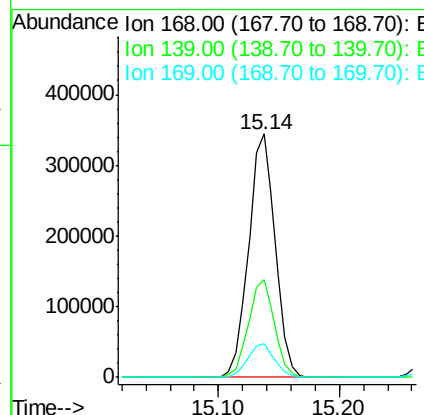
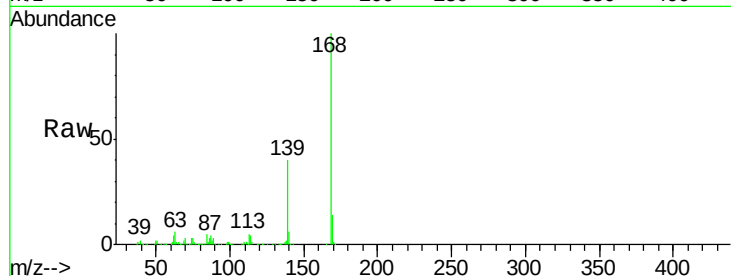
#55
Dibenzenofuran
Concen: 47.848 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.3	48.5
169	14.0	11.3	16.9

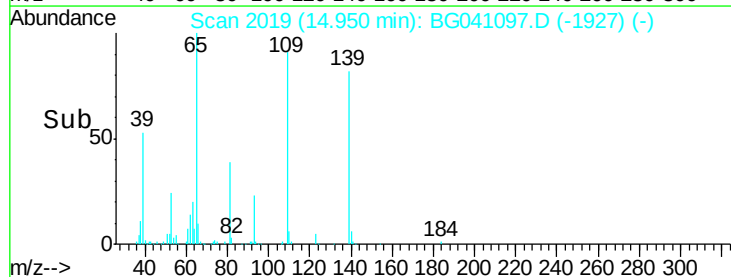
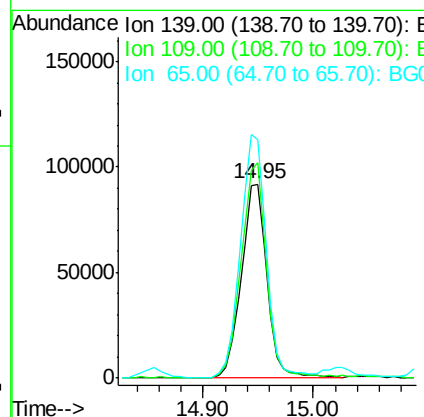
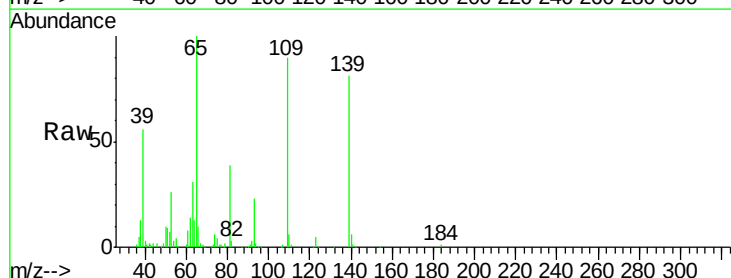
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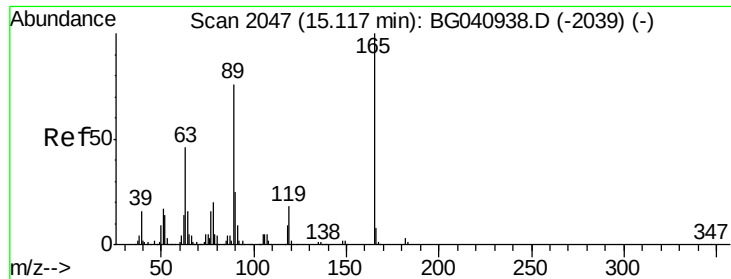
mohammad
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#56
4-Nitrophenol
Concen: 106.688 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.1	89.2	129.2
65	123.0	104.3	144.3





#57

2,4-Dinitrotoluene

Concen: 48.765 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

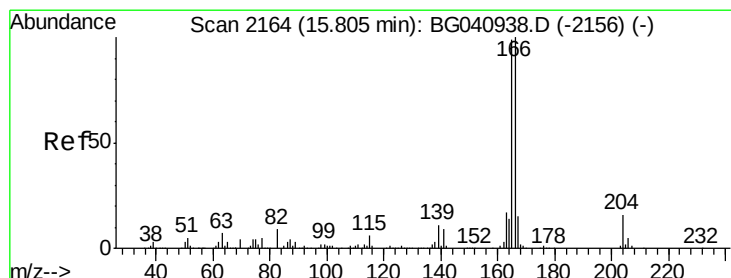
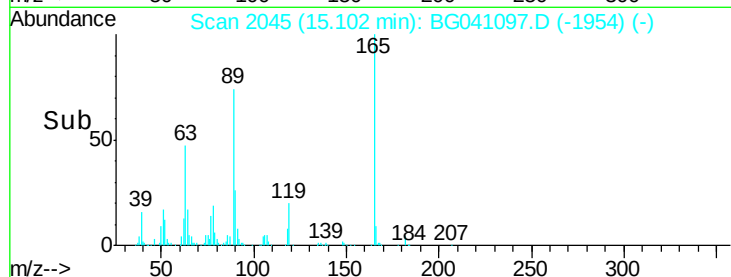
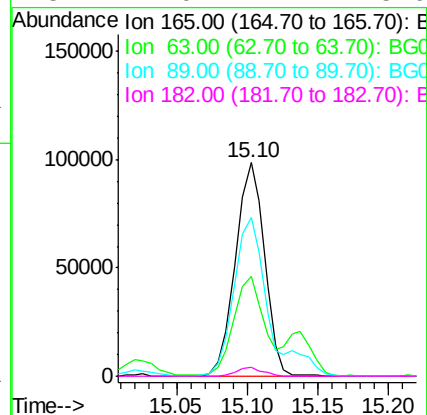
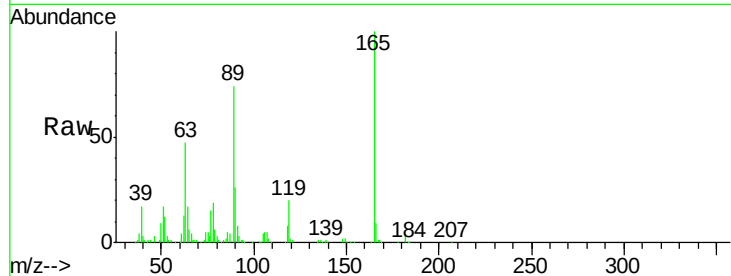
ClientSampleId :

PB120399BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	38.1	57.1
89	74.2	60.7	91.1
182	4.0	2.4	3.6#

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#58

Fluorene

Concen: 47.131 ng

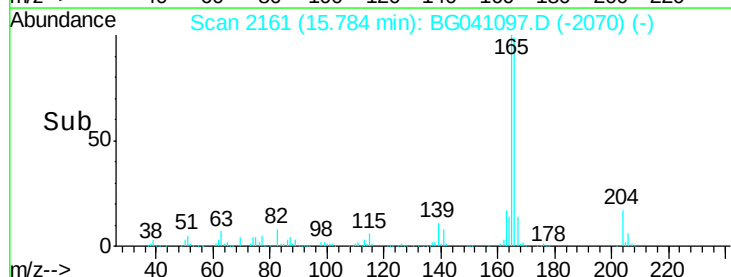
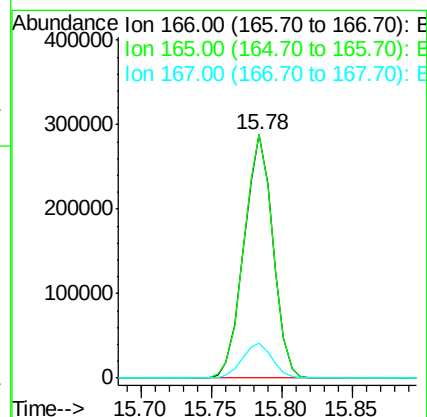
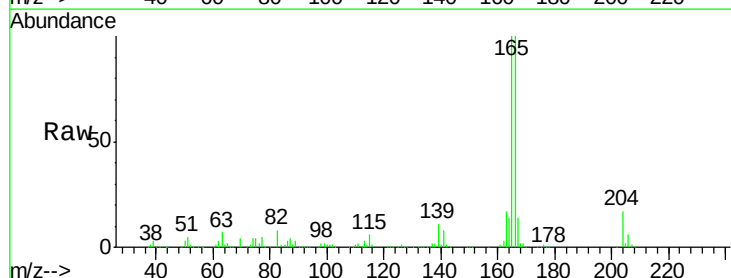
RT: 15.78 min Scan# 2161

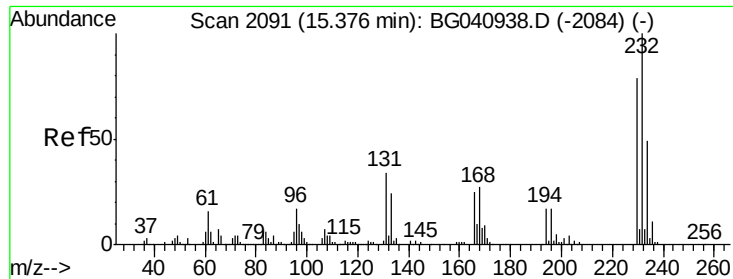
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.6	121.0
167	14.2	11.6	17.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.057 ng

RT: 15.35 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

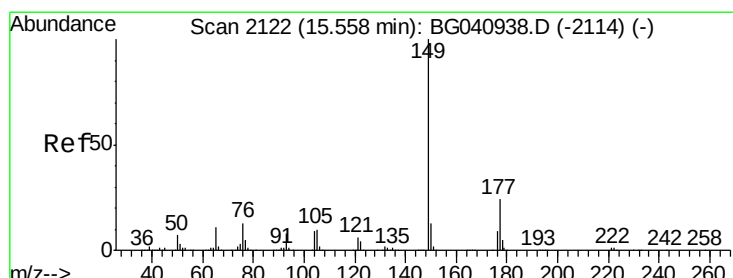
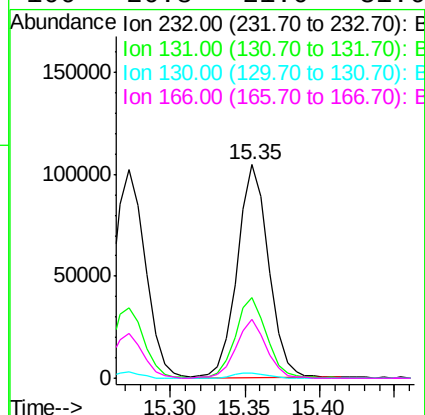
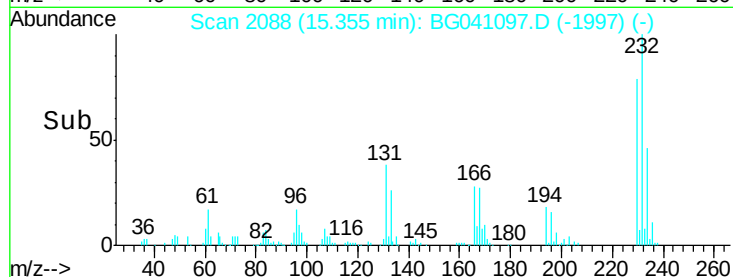
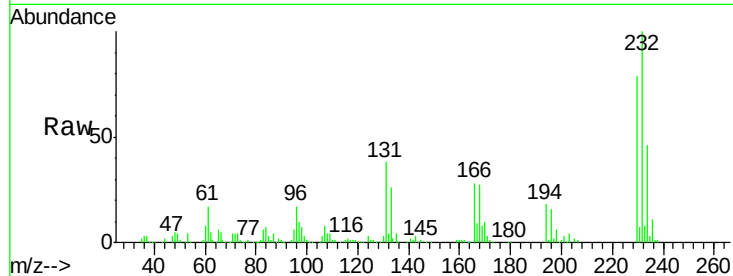
ClientSampleId :

PB120399BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	152703		
131	38.5	30.0	45.0	
130	2.7	1.7	2.5	
166	26.8	21.0	31.6	

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#60

Diethylphthalate

Concen: 46.626 ng

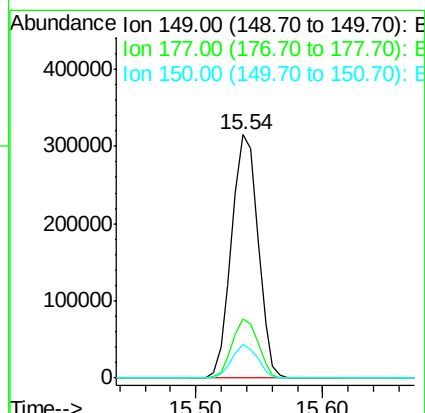
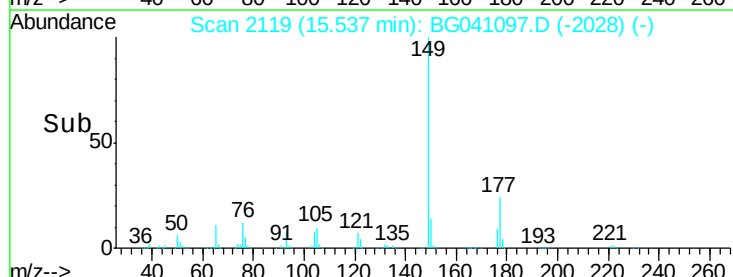
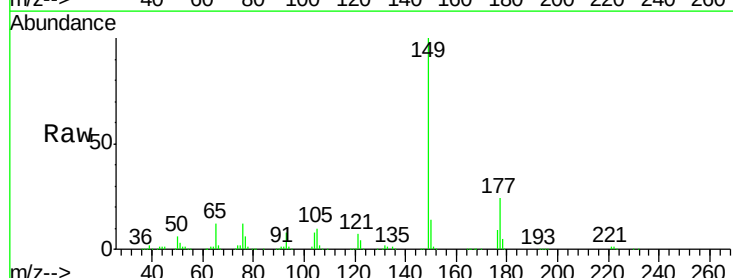
RT: 15.54 min Scan# 2119

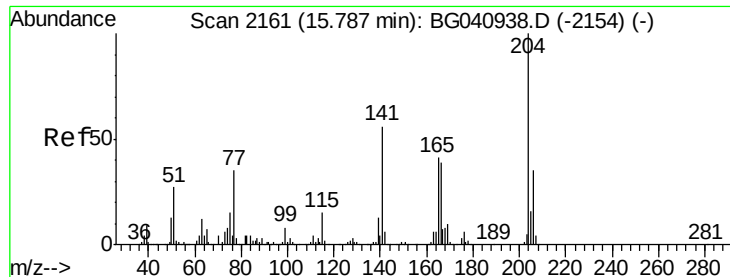
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	454688		
177	24.3	19.5	29.3	
150	13.7	10.6	15.8	





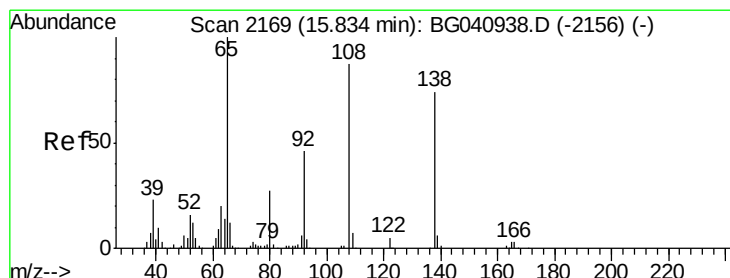
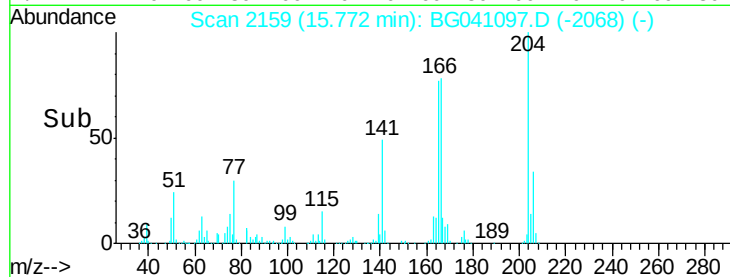
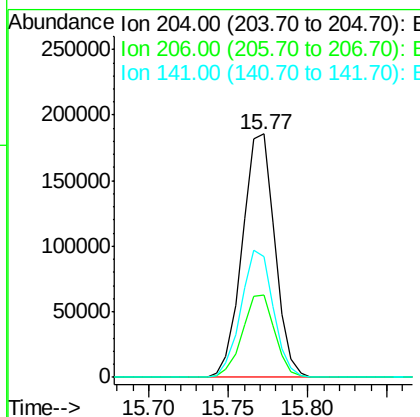
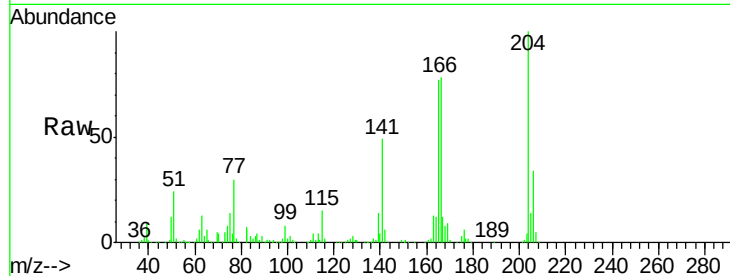
#61
 4-Chlorophenyl-phenylether
 Concen: 46.346 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	24.3	36.5
141	49.4	41.0	61.4

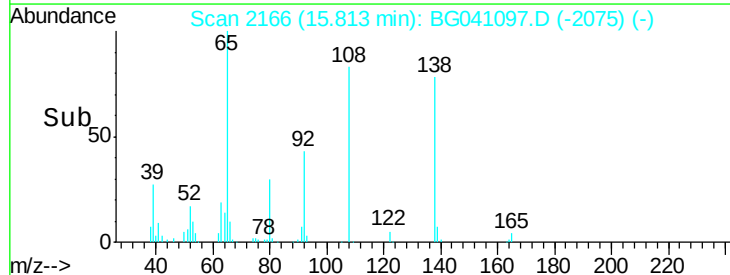
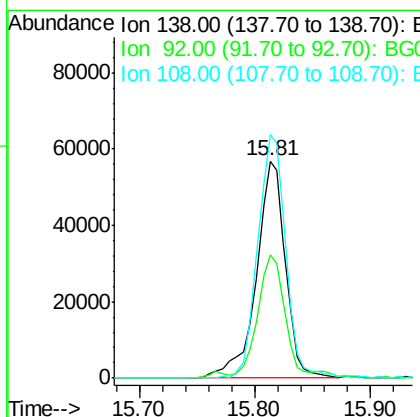
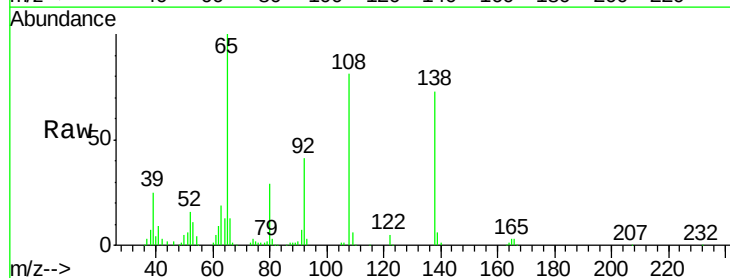
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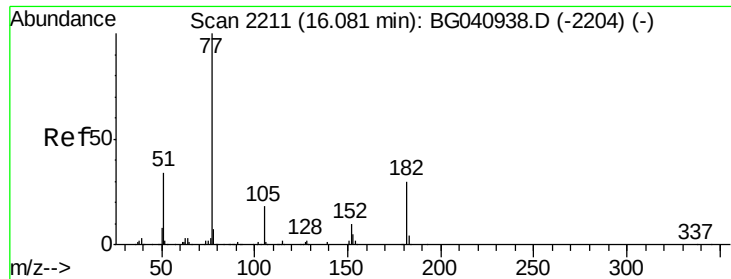
mohammad
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#62
 4-Nitroaniline
 Concen: 45.858 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	37.1	77.1
108	112.0	97.0	137.0





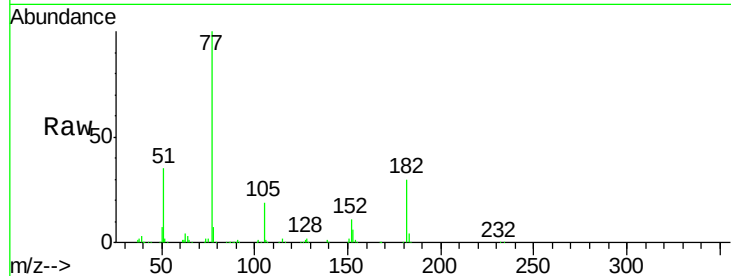
#63
Azobenzene
Concen: 46.817 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

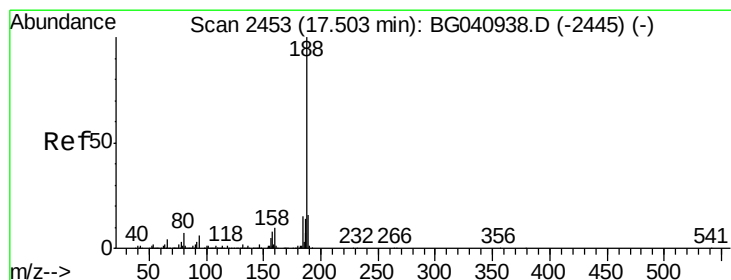
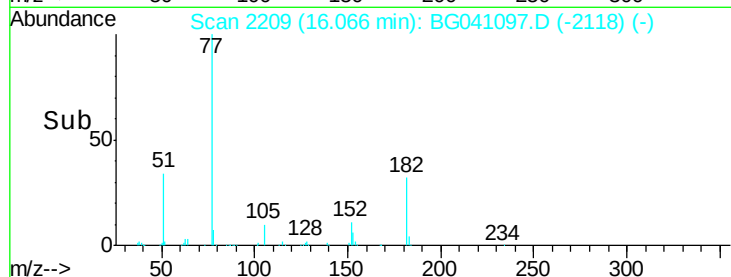
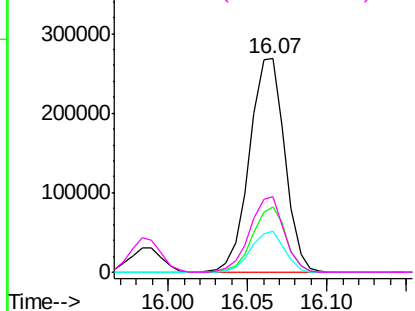
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		414951		
182	30.5	10.4	50.4		
105	19.1	0.0	38.6		
51	35.2	14.2	54.2		

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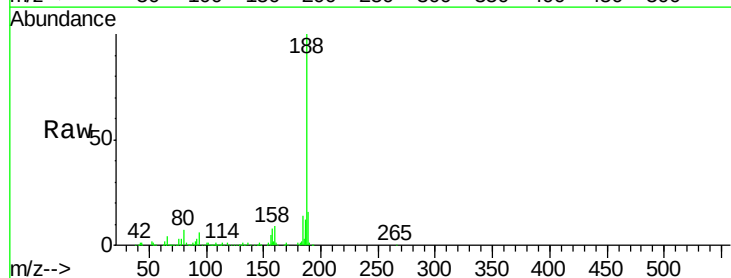


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

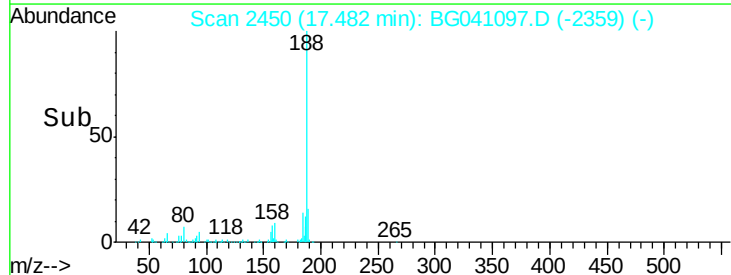
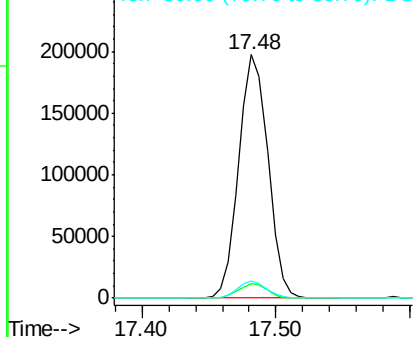


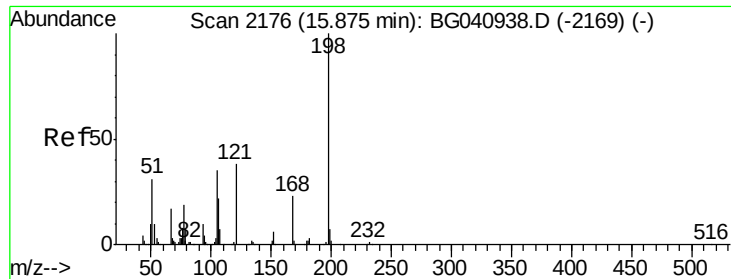
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298954		
94	5.7	4.6	7.0		
80	7.0	5.8	8.8		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.803 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

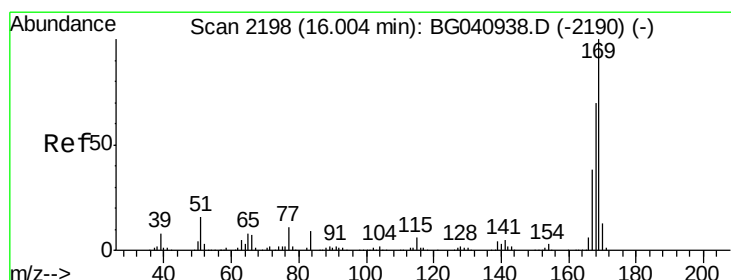
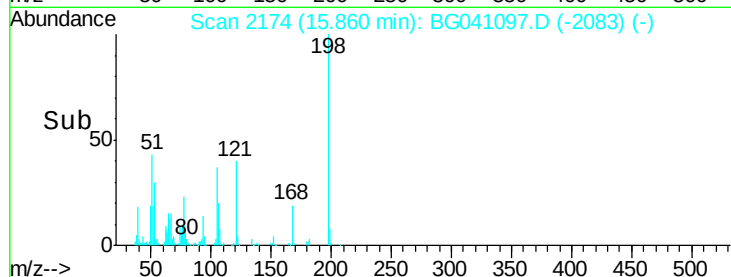
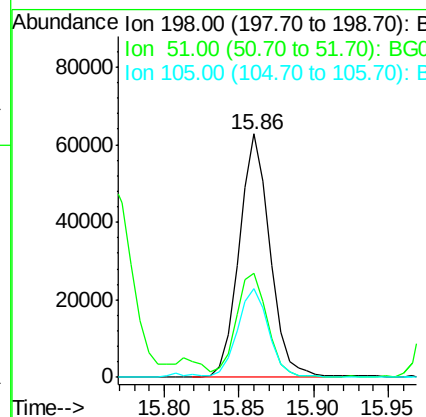
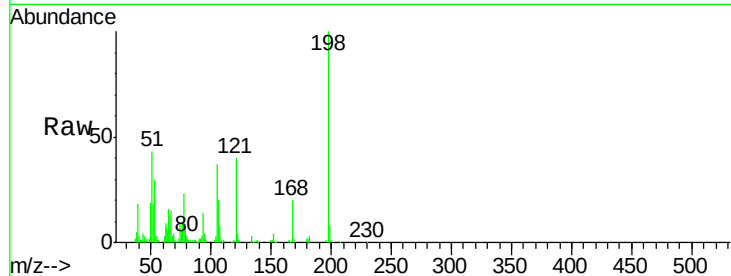
ClientSampleId :

PB120399BS

Tot Ion:	198	Resp:	90168
Ion Ratio	Lower	Upper	
198	100		
51	43.0	22.9	62.9
105	36.6	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 45.700 ng

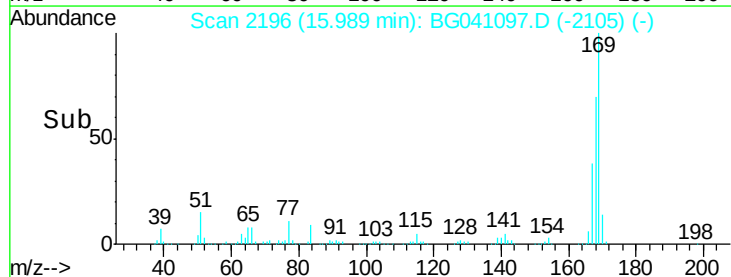
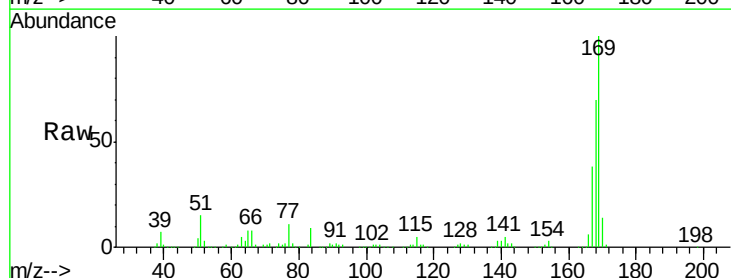
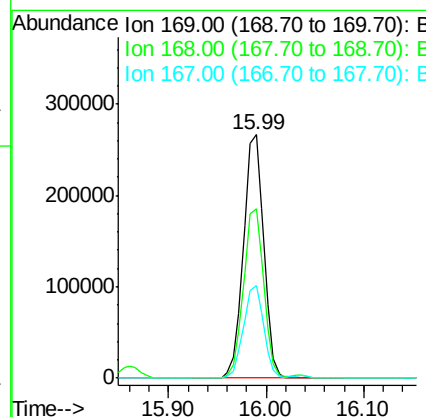
RT: 15.99 min Scan# 2196

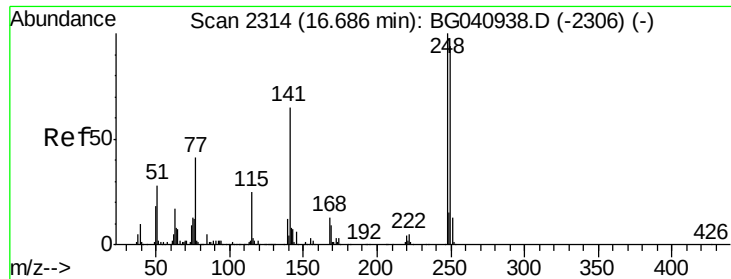
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	169	Resp:	384061
Ion Ratio	Lower	Upper	
169	100		
168	69.7	55.4	83.0
167	38.1	30.2	45.4





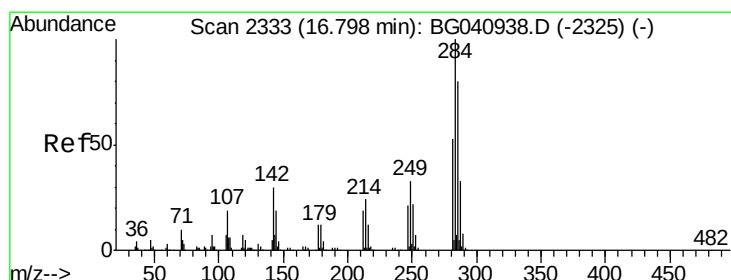
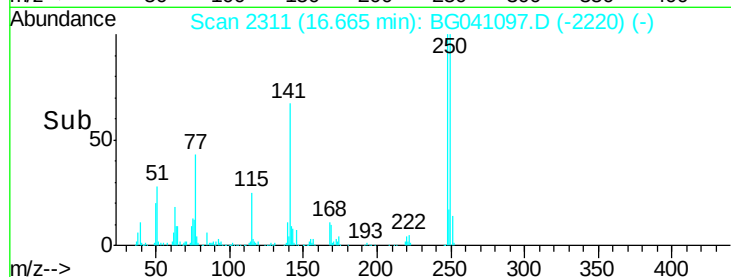
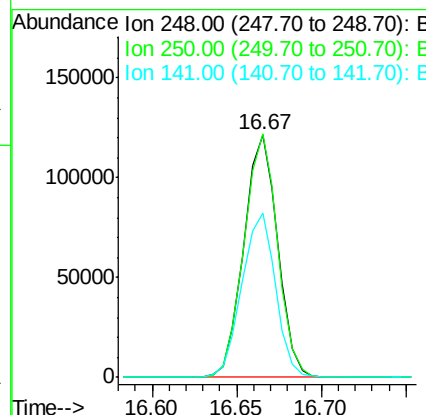
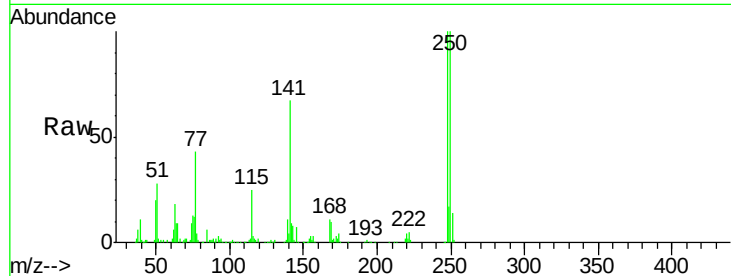
#67
4-Bromophenyl-phenylether
Concen: 41.914 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	80.9	121.3
141	67.7	56.1	84.1

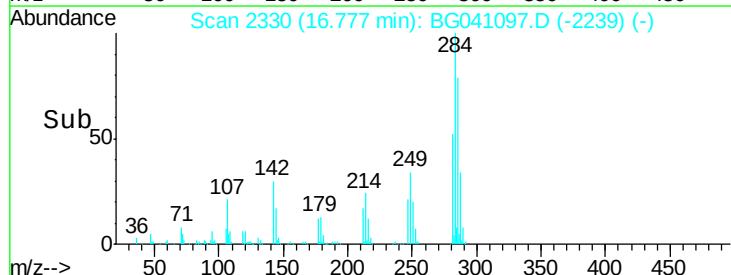
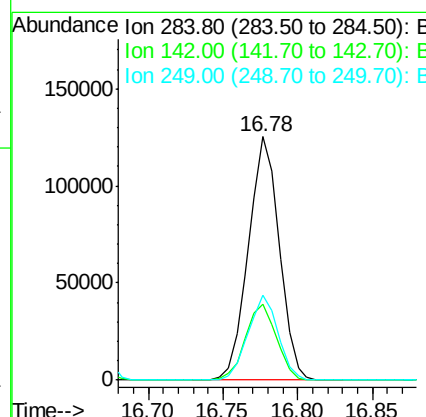
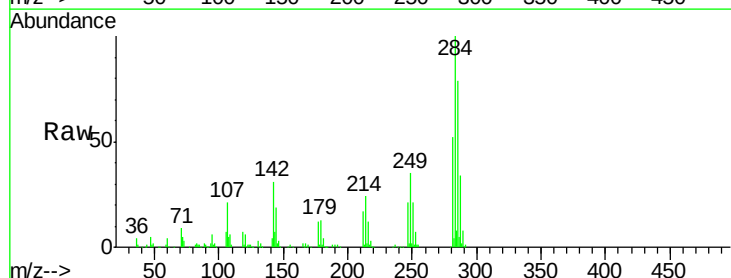
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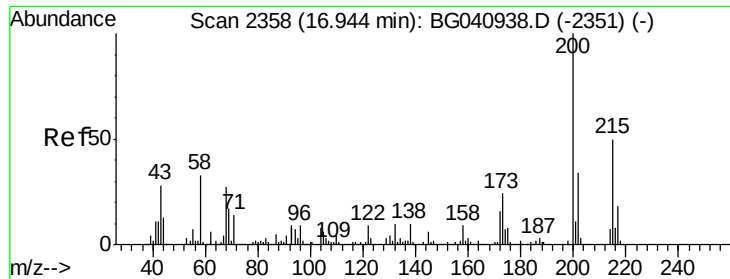
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#68
Hexachlorobenzene
Concen: 41.584 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	24.2	36.2
249	34.9	26.7	40.1





#69

Atrazine

Concen: 49.723 ng

RT: 16.92 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

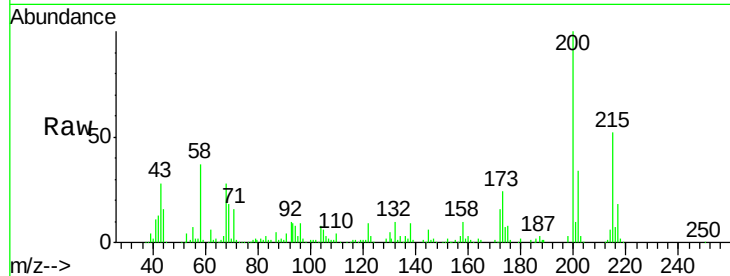
ClientSampleId :

PB120399BS

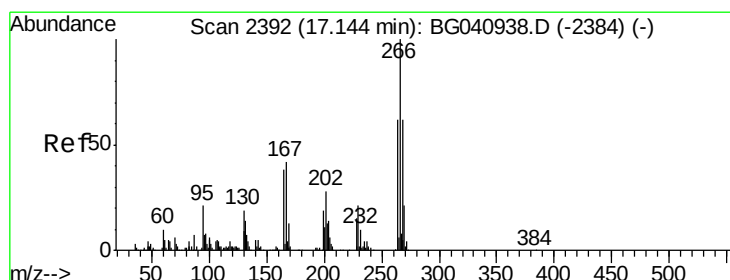
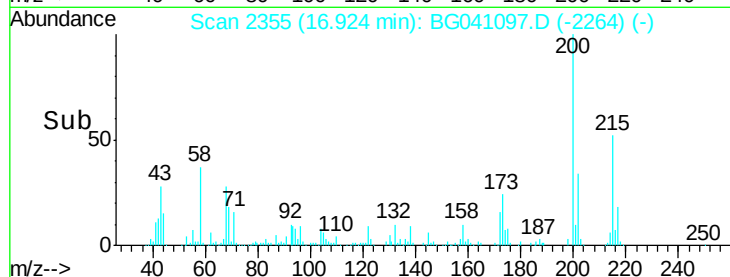
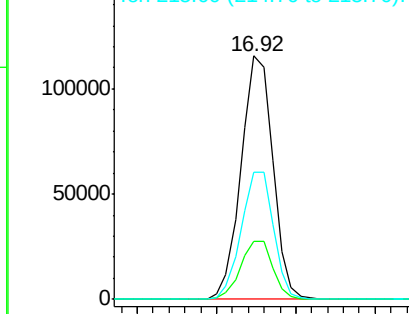
Tot Ion:	200	Resp:	161238
Ion Ratio	Lower	Upper	
200	100		
173	24.1	4.5	44.5
215	52.0	32.2	72.2

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



#70

Pentachlorophenol

Concen: 95.361 ng

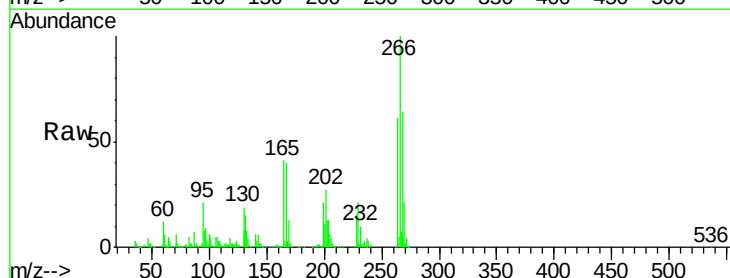
RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

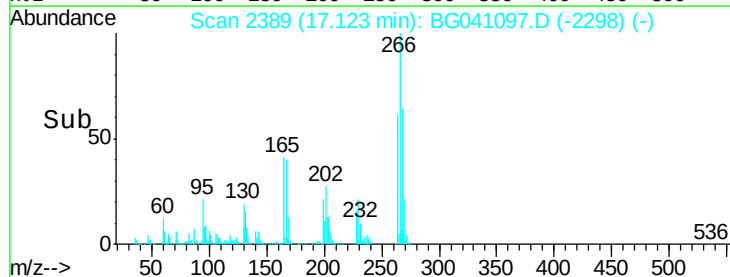
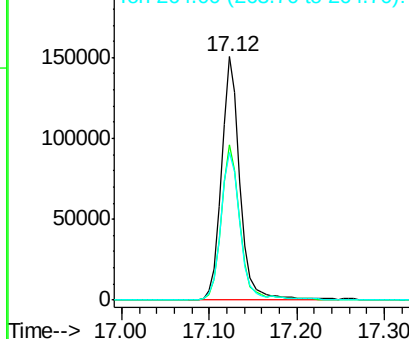
Lab File: BG041097.D

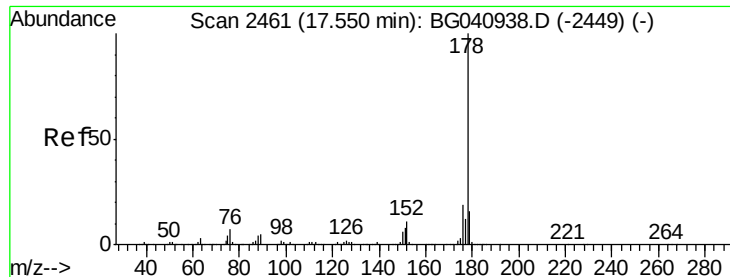
Acq: 7 Jun 2019 12:14

Tgt Ion:	266	Resp:	221452
Ion Ratio	Lower	Upper	
266	100		
268	63.9	52.4	78.6
264	60.6	50.5	75.7



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





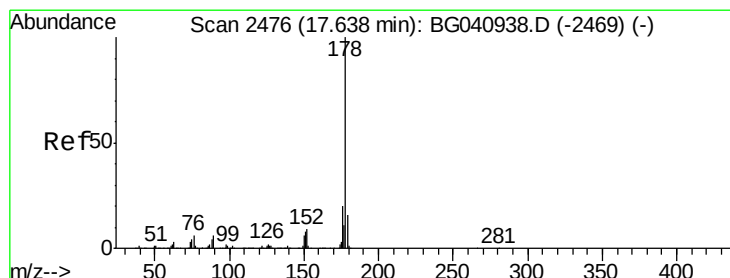
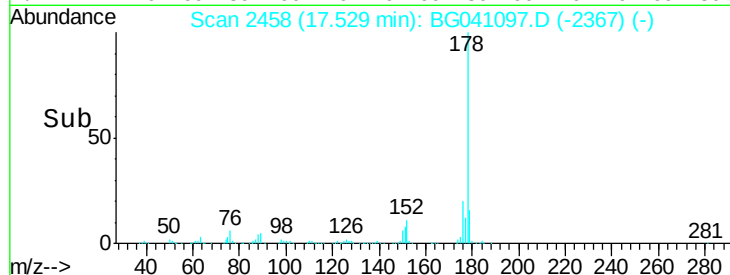
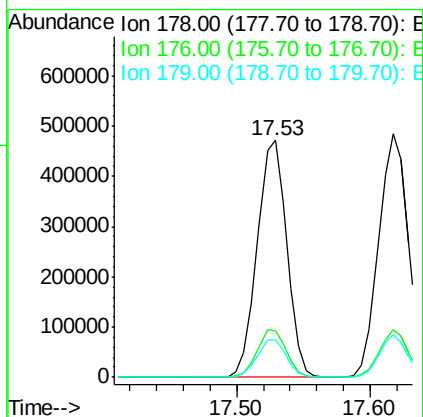
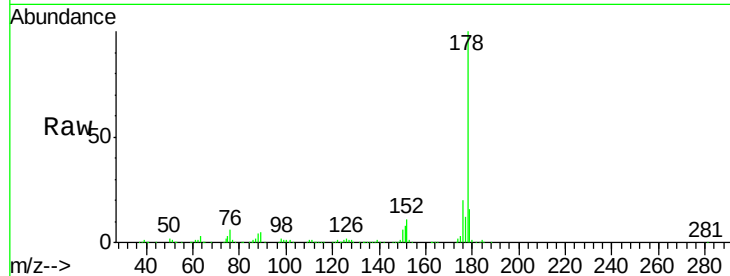
#71
Phenanthrene
Concen: 46.179 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.0	13.5	20.3

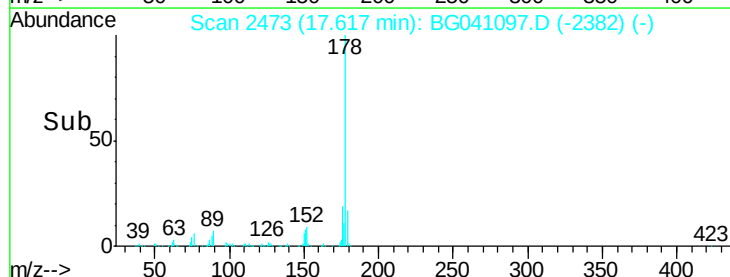
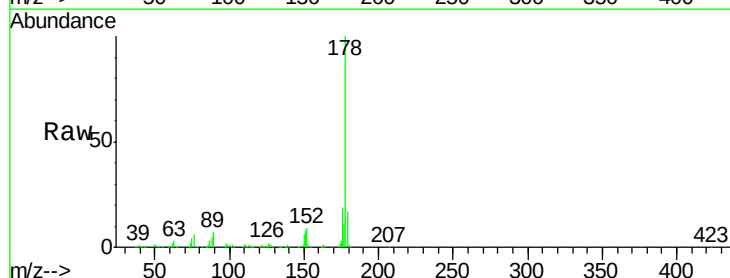
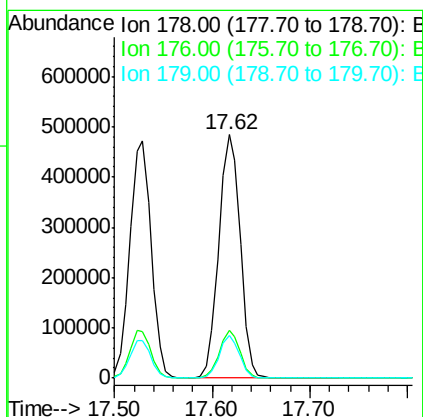
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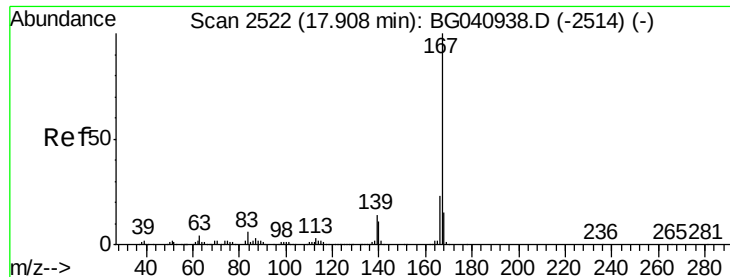
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#72
Anthracene
Concen: 47.976 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.6
179	17.5	13.0	19.6





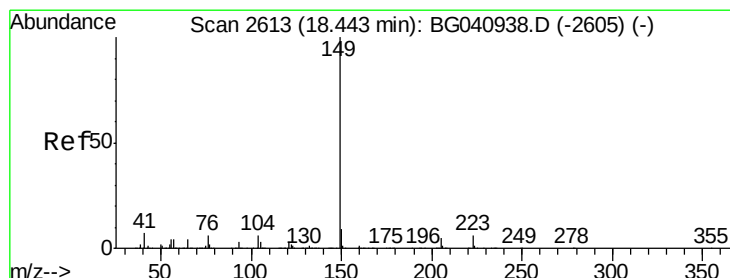
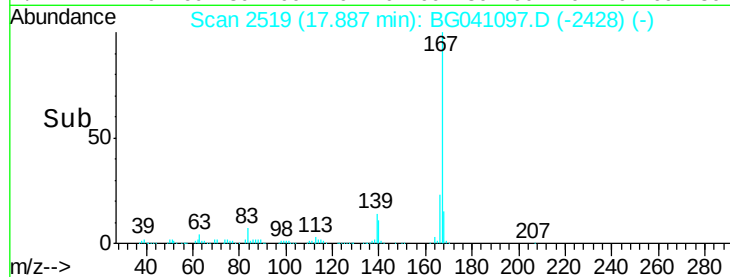
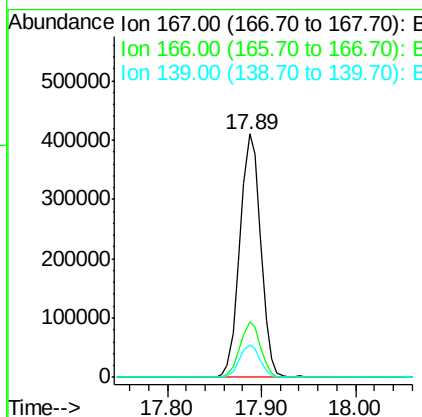
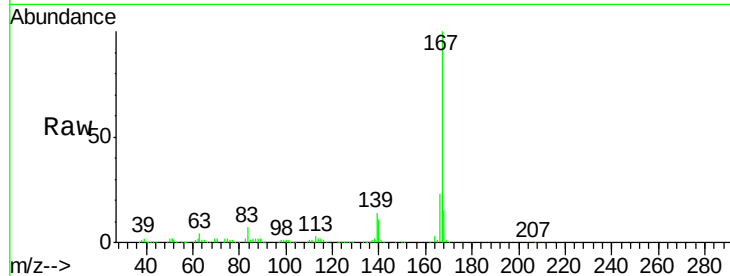
#73
 Carbazole
 Concen: 48.104 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampled :
 PB120399BS

Tot Ion:	167	Resp:	633911
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.4	26.2
139	13.5	10.6	15.8

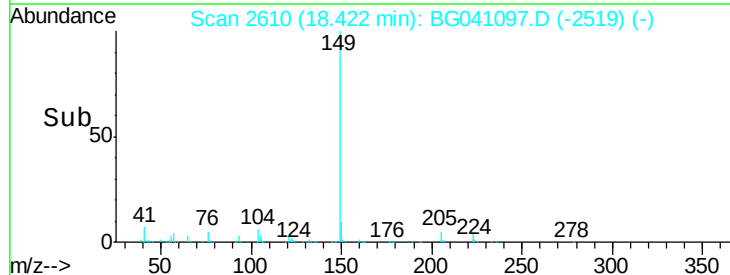
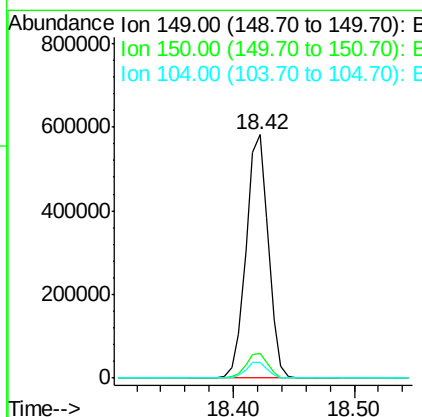
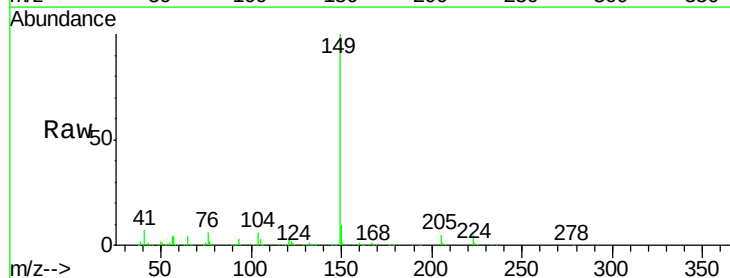
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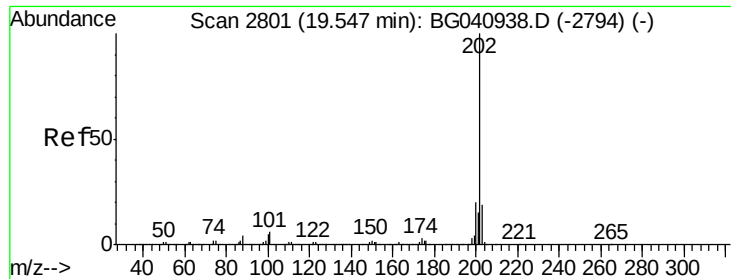
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#74
 Di-n-butylphthalate
 Concen: 45.518 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:	149	Resp:	745521
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.5	11.3
104	6.3	5.3	7.9





#75

Fluoranthene

Concen: 48.229 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

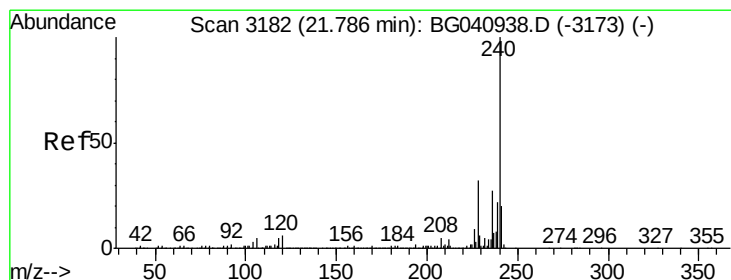
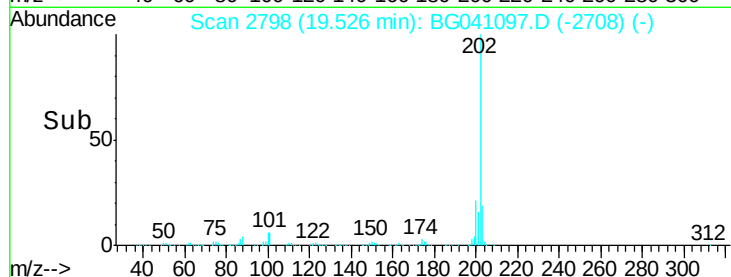
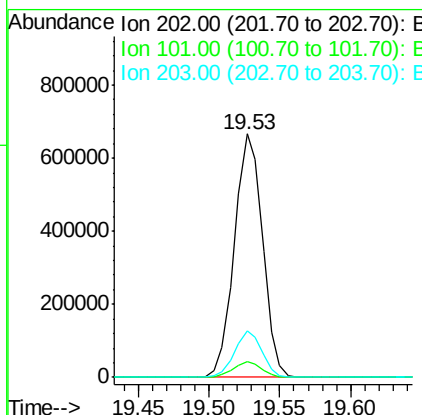
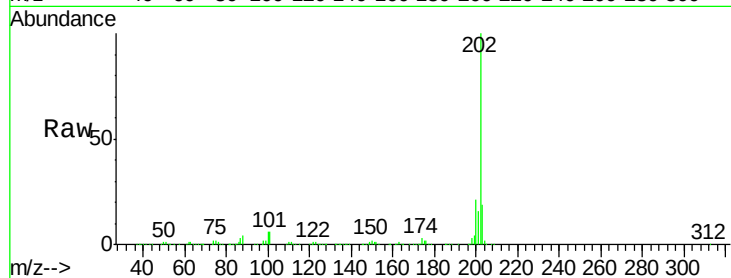
ClientSampleId :

PB120399BS

Tot Ion:	202	Resp:	927644
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.0
203	18.9	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

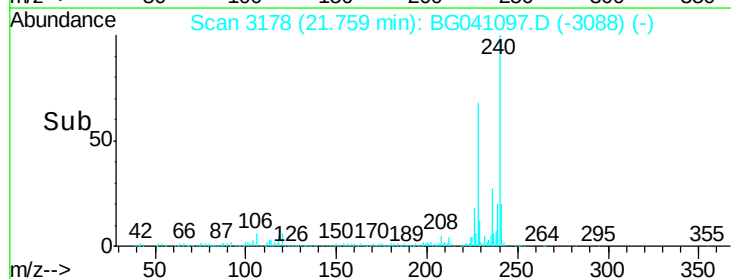
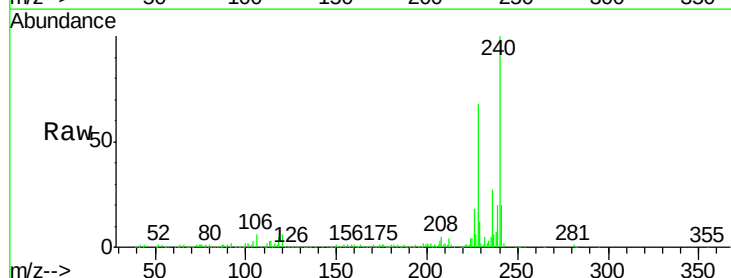
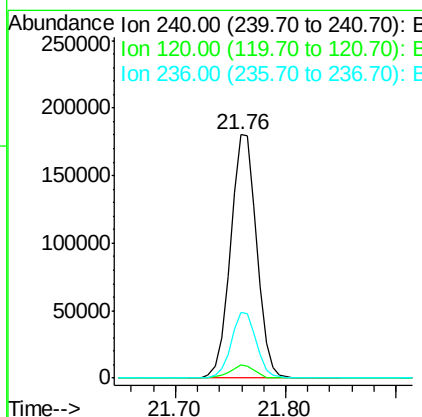
RT: 21.76 min Scan# 3178

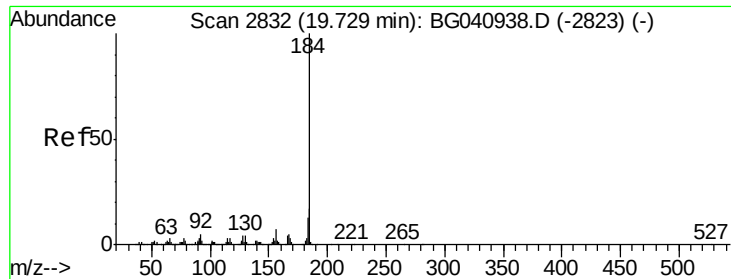
Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	240	Resp:	299280
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.6	6.8
236	27.0	20.6	31.0





#77

Benzidine

Concen: 54.678 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

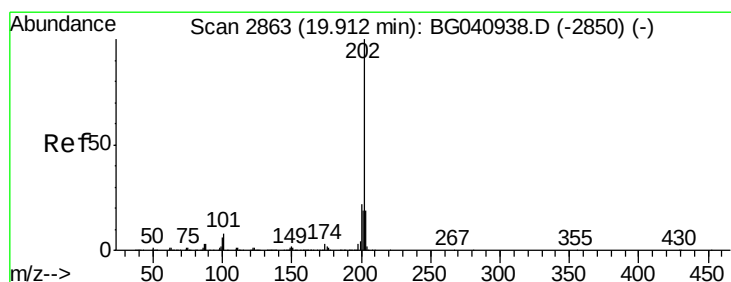
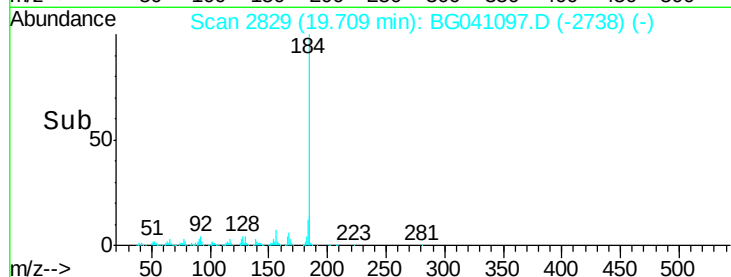
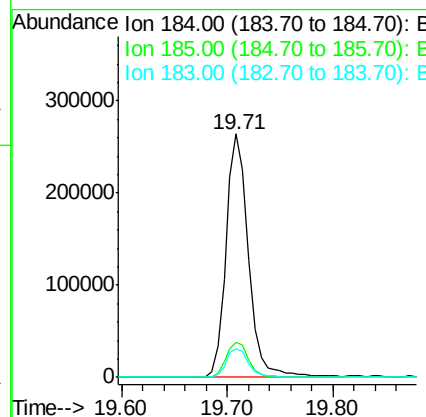
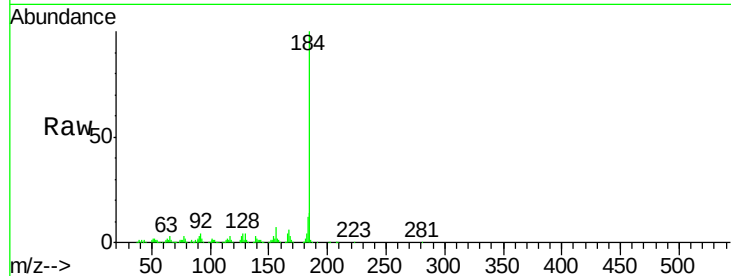
ClientSampleId :

PB120399BS

Tot Ion:	184	Resp:	390371
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.8	10.2	15.4

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#78

Pyrene

Concen: 47.645 ng

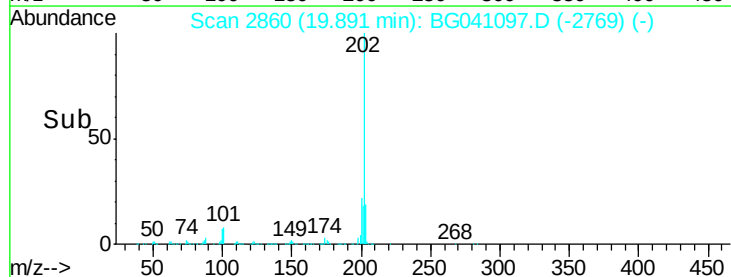
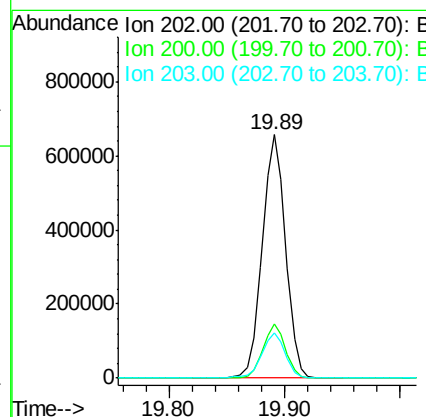
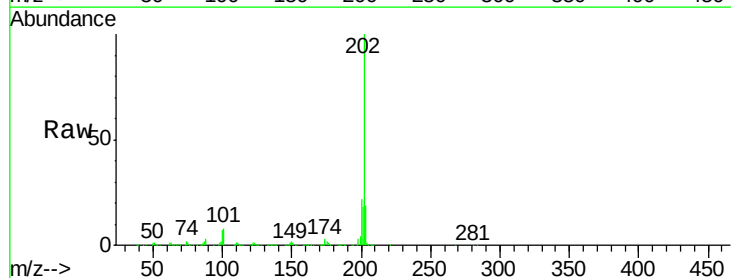
RT: 19.89 min Scan# 2860

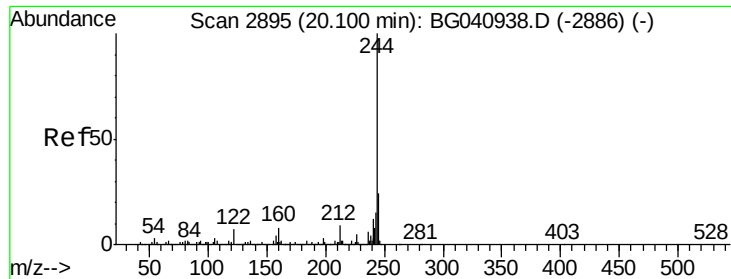
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	202	Resp:	926938
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.2	25.8
203	18.7	13.9	20.9





#79

Terphenyl-d14

Concen: 87.924 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

Tot Ion:244 Resp: 1239857

Ion Ratio Lower Upper

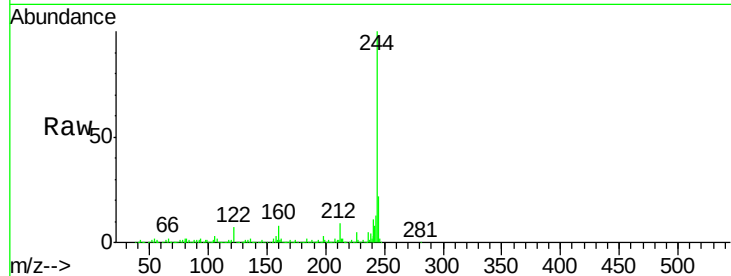
244 100

212 8.6 6.9 10.3

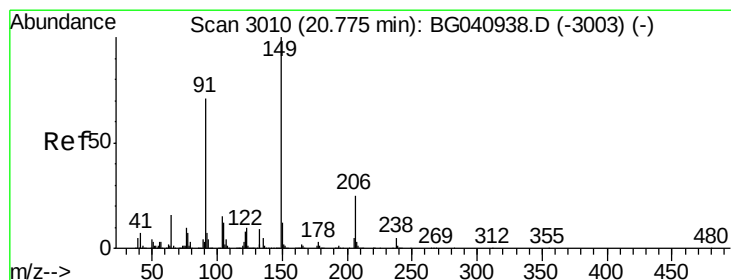
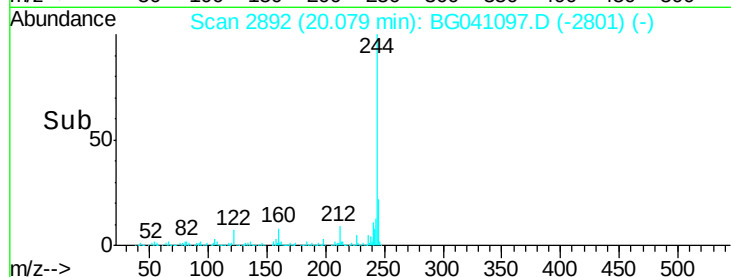
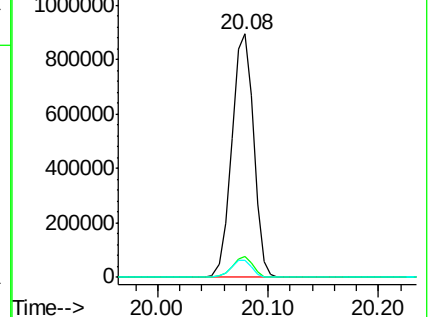
122 7.0 5.4 8.0

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Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E
800000
600000
400000
200000
0



#80

Butylbenzylphthalate

Concen: 45.675 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

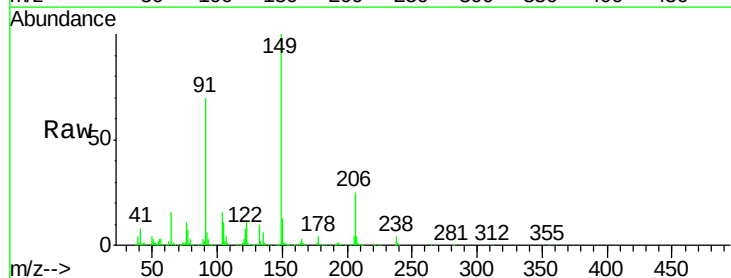
Tgt Ion:149 Resp: 345808

Ion Ratio Lower Upper

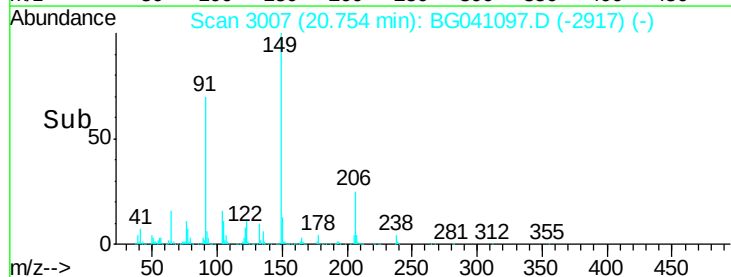
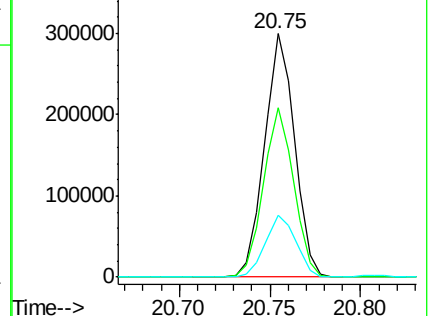
149 100

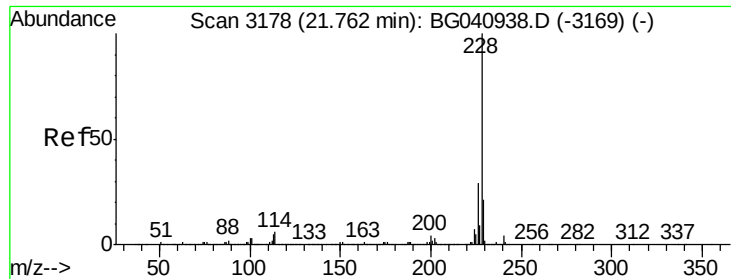
91 69.8 54.4 81.6

206 25.5 22.2 33.2



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 91.00 (90.70 to 91.70): BG
300000
Ion 206.00 (205.70 to 206.70): E
200000
100000
0





#81

Benzo(a)anthracene

Concen: 45.062 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

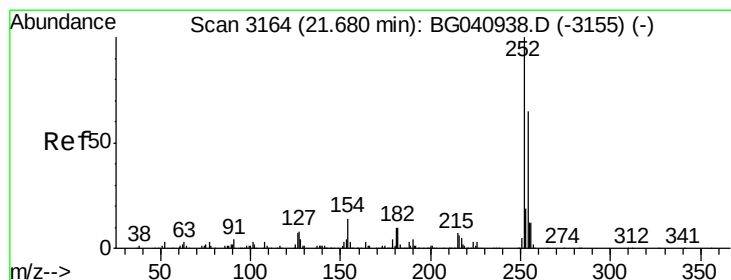
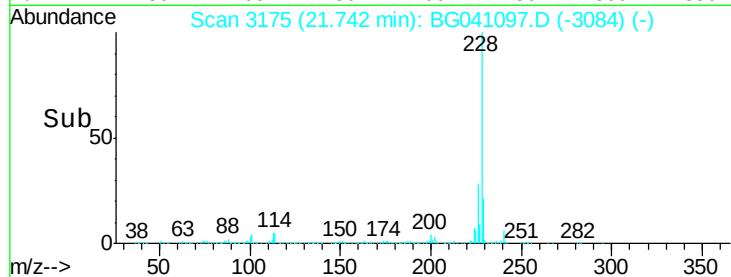
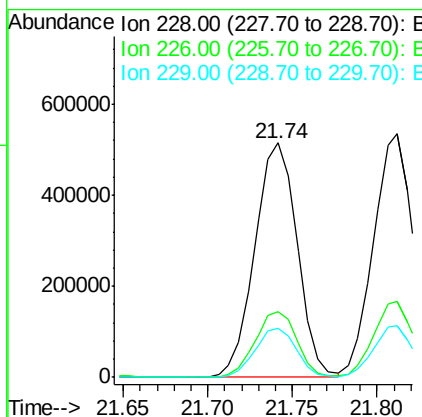
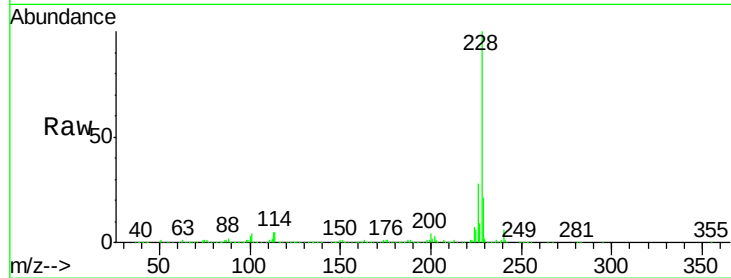
ClientSampleId :

PB120399BS

Tot Ion:	228	Resp:	897720
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.2	33.4
229	20.9	16.6	25.0

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#82

3,3'-Dichlorobenzidine

Concen: 27.253 ng

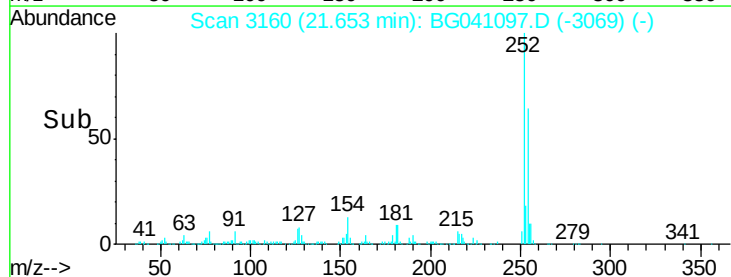
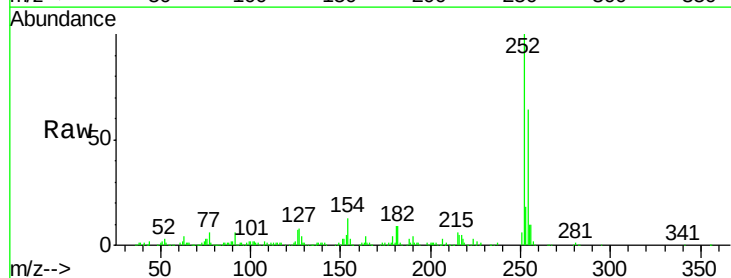
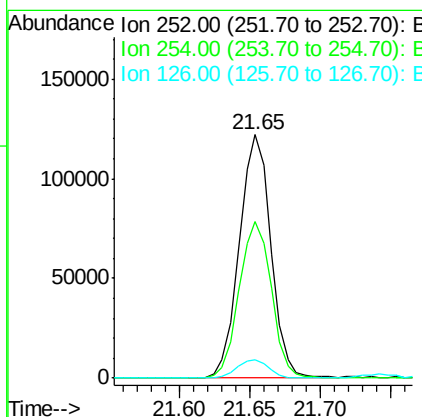
RT: 21.65 min Scan# 3160

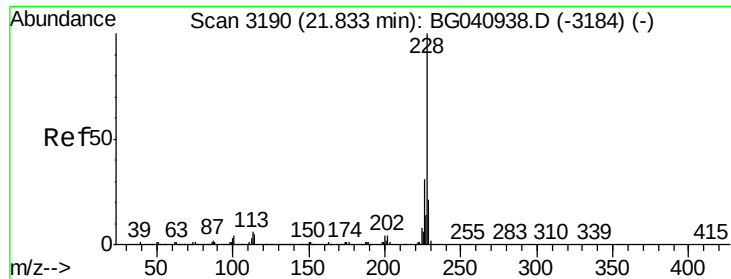
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	252	Resp:	190963
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.3	78.5
126	7.4	6.2	9.2





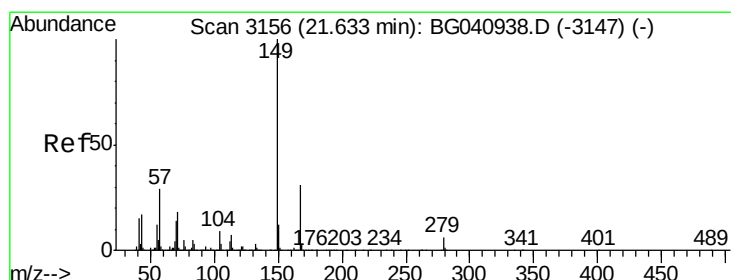
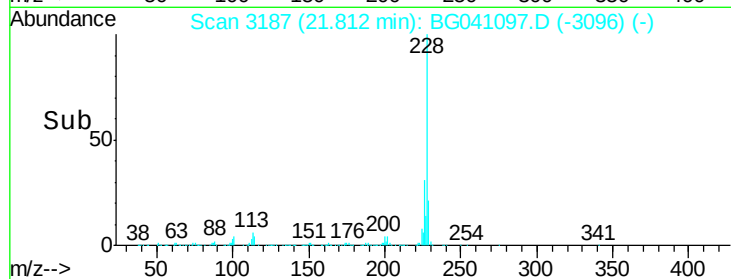
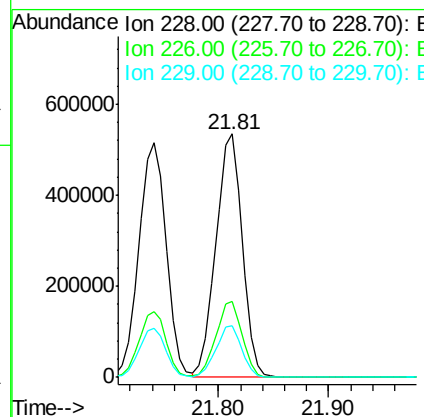
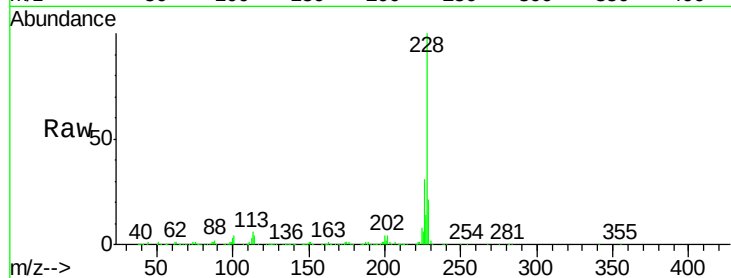
#83
 Chrysene
 Concen: 46.079 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tot Ion:	228	Resp:	878465
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.8	38.6
229	21.0	17.0	25.4

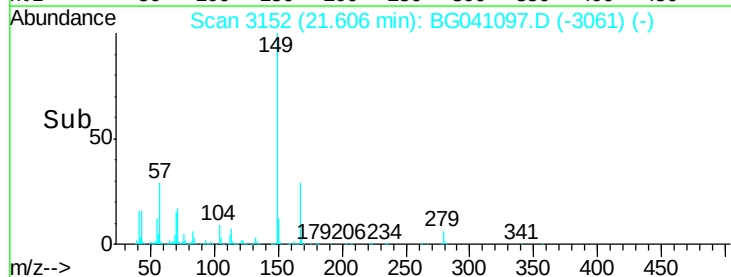
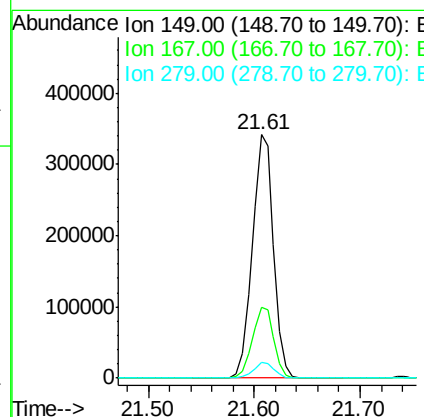
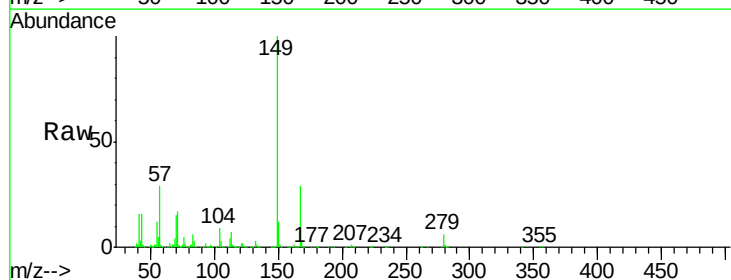
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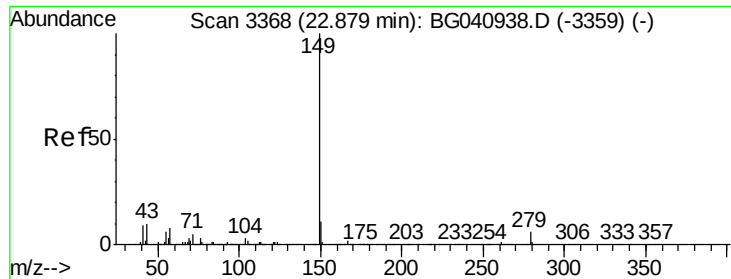
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.526 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:	149	Resp:	474555
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.4	36.6
279	6.4	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 45.882 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

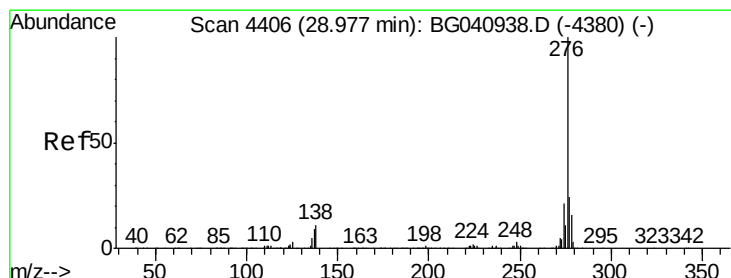
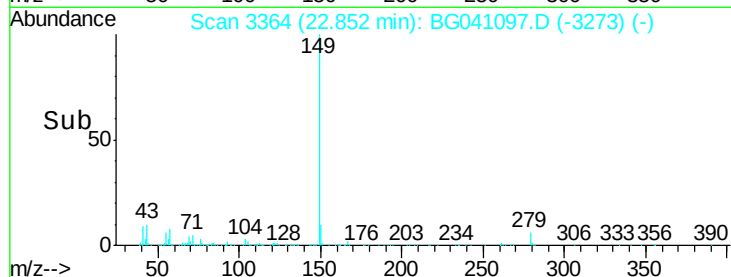
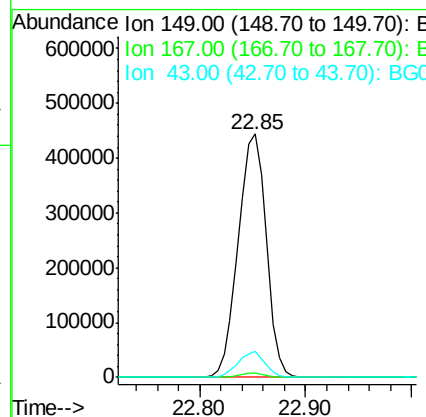
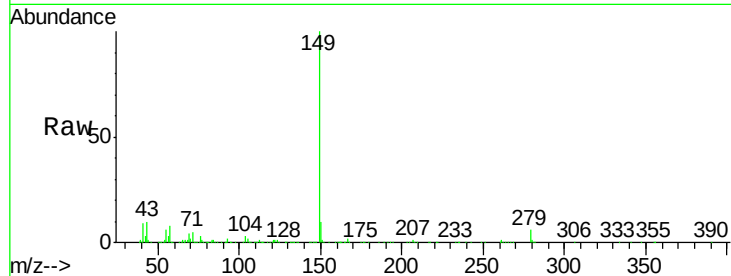
ClientSampleId :

PB120399BS

Tot Ion:	149	Resp:	814422
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.9	8.0	12.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.856 ng

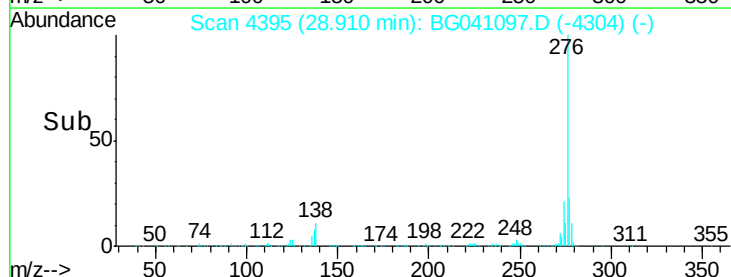
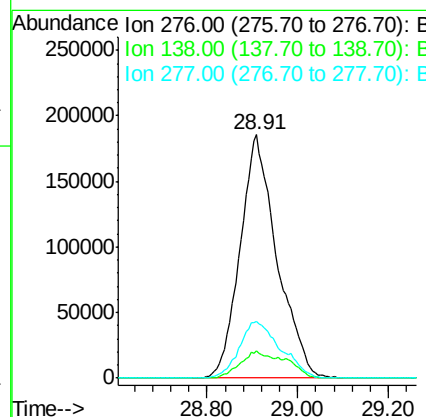
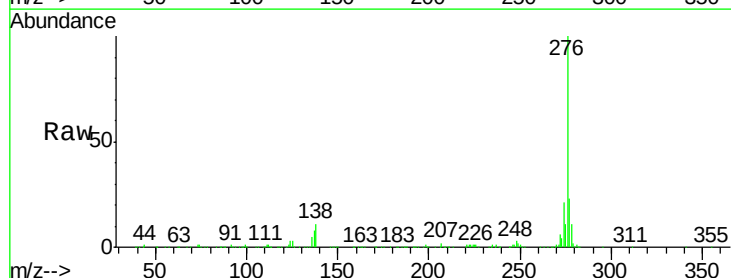
RT: 28.91 min Scan# 4395

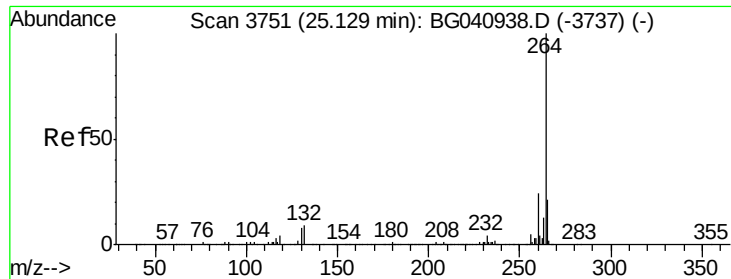
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	276	Resp:	1047545
Ion Ratio	Lower	Upper	
276	100		
138	10.8	7.4	11.0
277	26.0	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

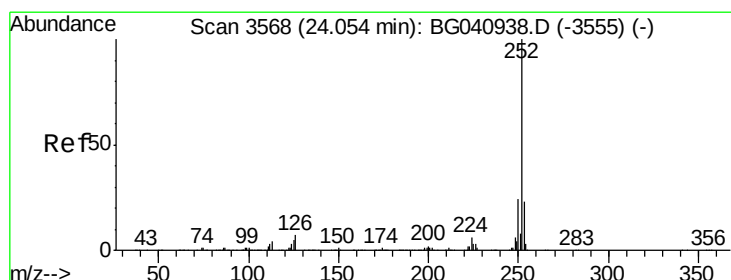
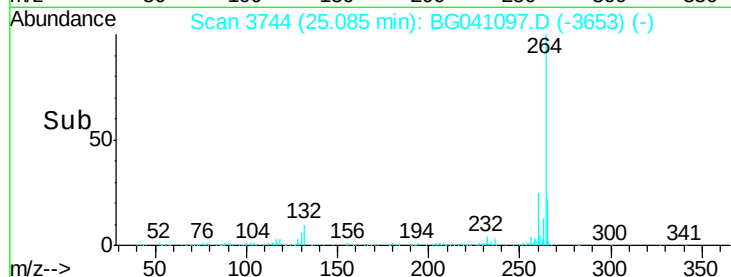
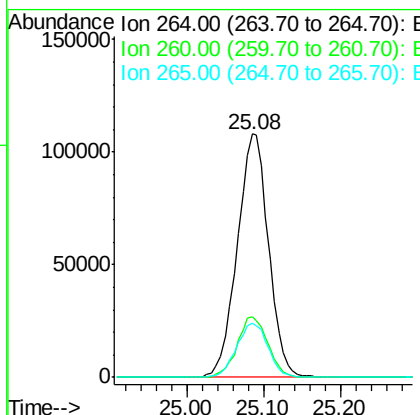
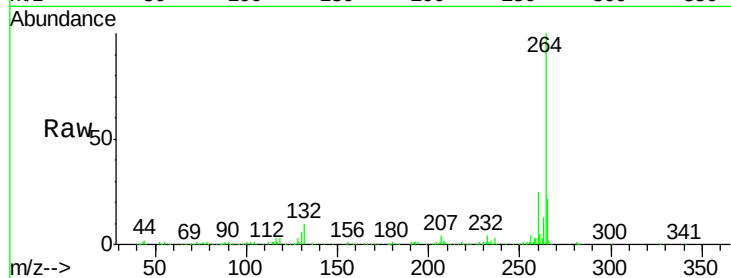
ClientSampleId :

PB120399BS

Tot Ion:	264	Resp:	305887
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.1	28.7
265	22.1	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 48.661 ng

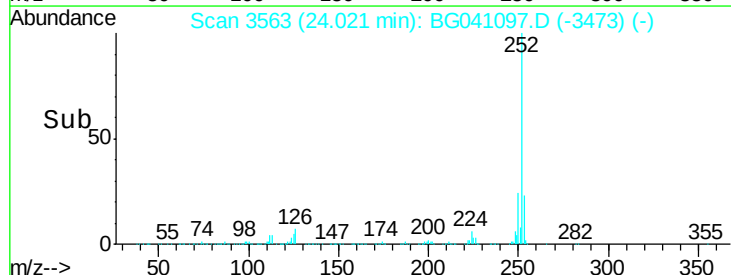
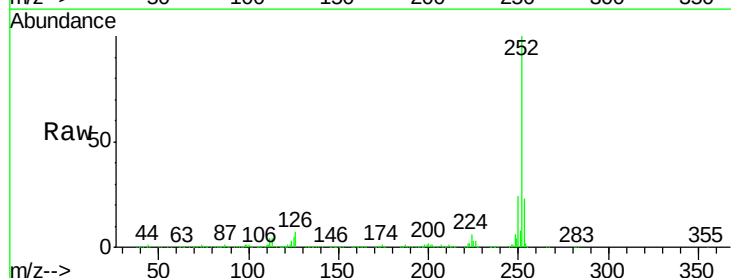
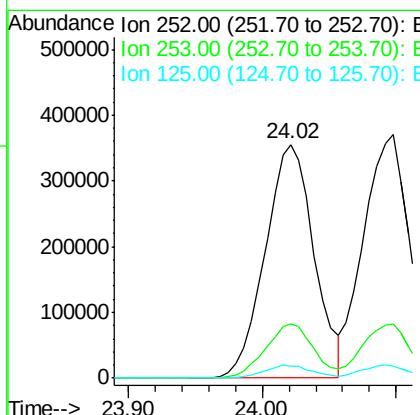
RT: 24.02 min Scan# 3563

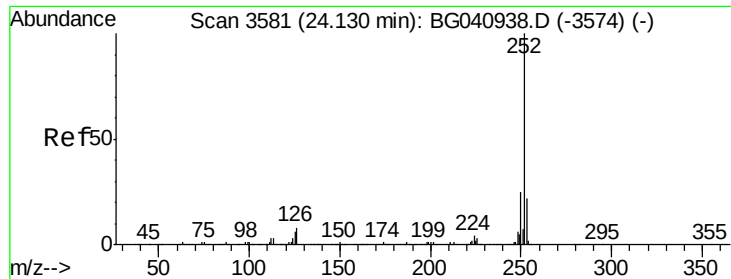
Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	252	Resp:	902805
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	5.3	4.1	6.1





#89

Benzo(k)fluoranthene

Concen: 47.867 ng

RT: 24.10 min Scan# 3576

Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

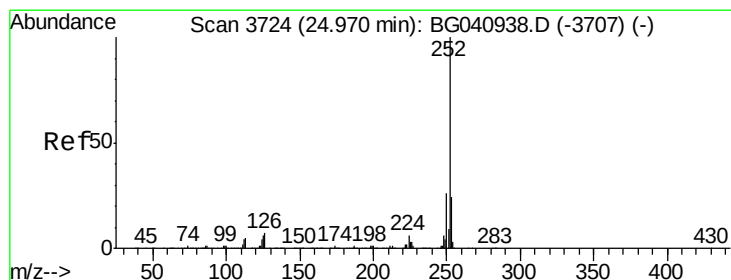
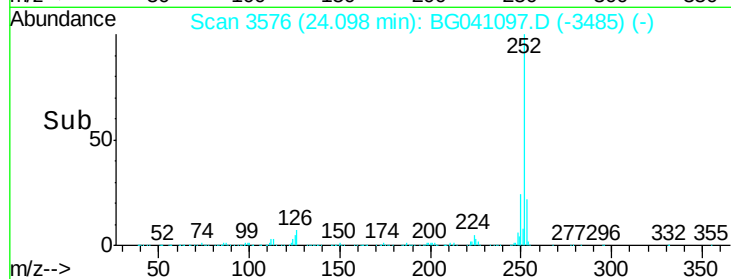
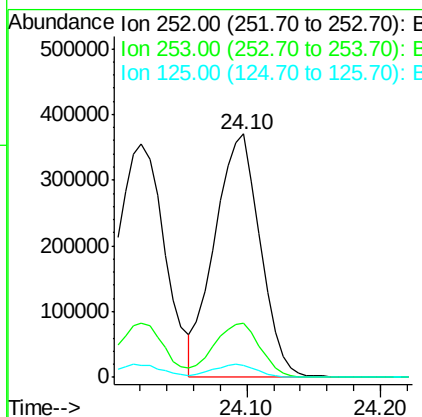
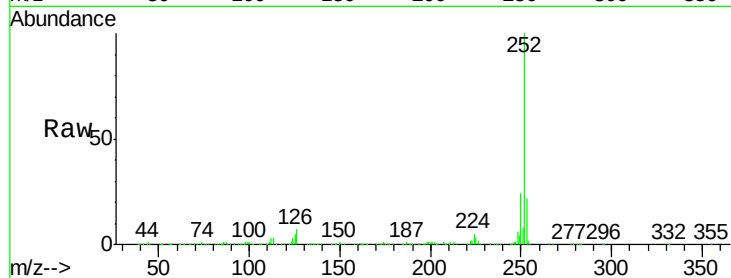
ClientSampleId :

PB120399BS

Tot Ion:	252	Resp:	878824
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.6	27.8
125	5.1	4.1	6.1

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#90

Benzo(a)pyrene

Concen: 49.897 ng

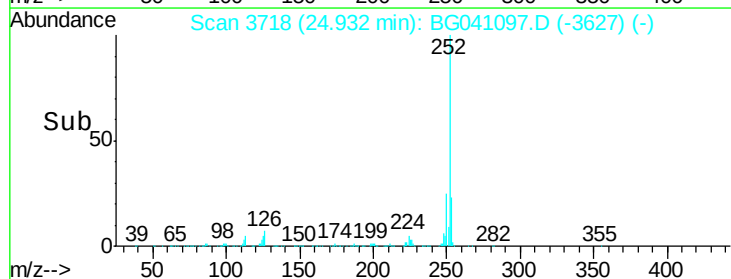
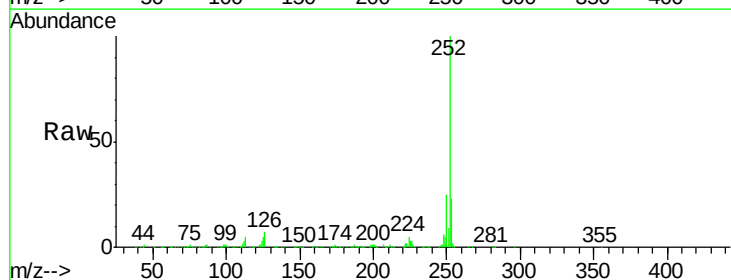
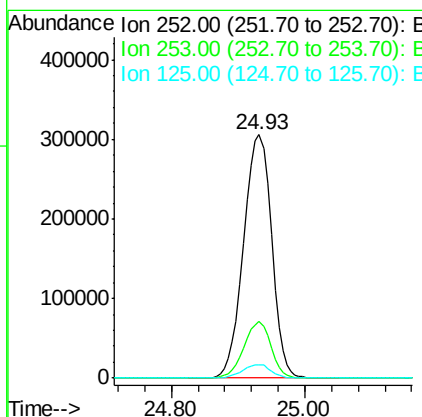
RT: 24.93 min Scan# 3718

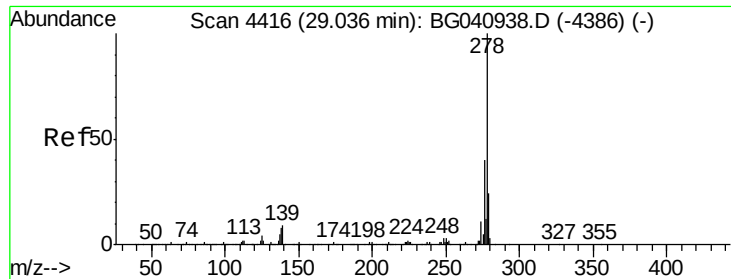
Delta R.T. 0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:	252	Resp:	883220
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	5.3	4.7	7.1





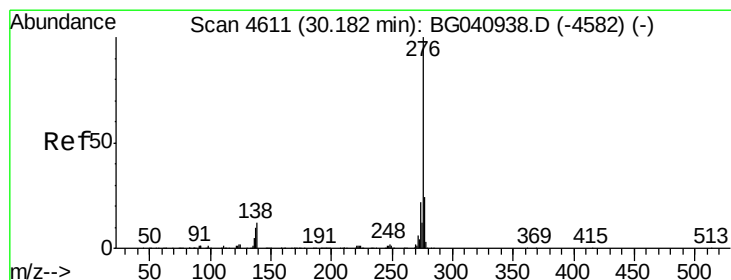
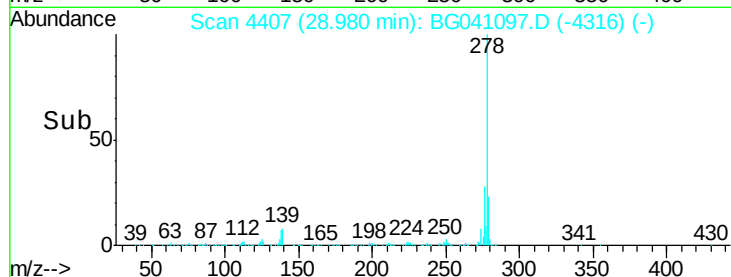
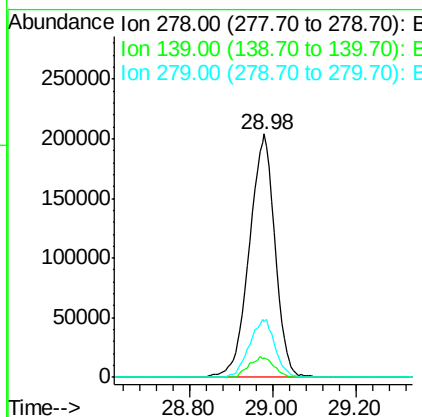
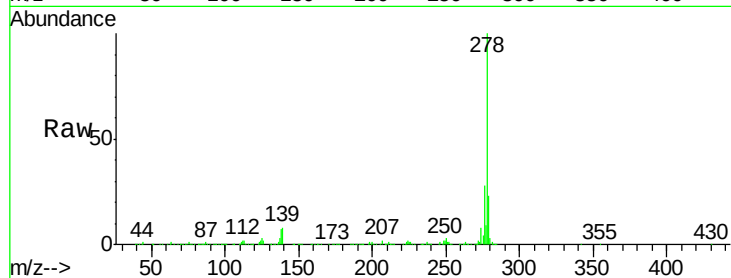
#91
Dibenzo(a,h)anthracene
Concen: 49.489 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampled :
PB120399BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.0	10.6
279	22.9	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 51.036 ng
RT: 30.11 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	10.2	9.1	13.7

