

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041685.D
 Acq On : 17 Jul 2019 12:10
 Operator : HP/JU
 Sample : PB121341BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Manual Integrations
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mohammad
 7/19/2019 2:24:39 PM

Quant Time: Jul 18 07:17:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87399	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	349968	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	221828	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	543323	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531799	20.00	ng	0.00
87) Perylene-d12	24.85	264	556918	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	731198	136.77	ng	0.00
7) Phenol-d6	7.20	99	946134	131.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	551571	95.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	377351	150.94	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1348367	94.12	ng	0.00
79) Terphenyl-d14	20.01	244	2086477	91.69	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	103779	40.871 ng	95
3) Pyridine	3.88	79	256290	37.812 ng	94
4) n-Nitrosodimethylamine	3.80	42	129983	41.526 ng	97
6) Aniline	7.36	93	322831	33.403 ng	99
8) 2-Chlorophenol	7.61	128	273020	45.108 ng	99
9) Benzaldehyde	7.17	77	199555	47.253 ng	97
10) Phenol	7.23	94	342684	45.231 ng	97
11) bis(2-Chloroethyl)ether	7.46	93	257550	42.091 ng	98
12) 1,3-Dichlorobenzene	7.94	146	302751	41.921 ng	99
13) 1,4-Dichlorobenzene	8.08	146	308767	42.692 ng	97
14) 1,2-Dichlorobenzene	8.40	146	290382	42.585 ng	94
15) Benzyl Alcohol	8.28	79	244529	42.713 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	506104	39.917 ng	100
17) 2-Methylphenol	8.48	107	238967	45.609 ng	98
18) Hexachloroethane	9.14	117	109017	41.154 ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	213172	40.558 ng	97
20) 3+4-Methylphenols	8.81	107	331369	46.152 ng	99
22) Acetophenone	8.87	105	393781	46.199 ng	# 95
24) Nitrobenzene	9.25	77	297996	47.470 ng	98
25) Isophorone	9.77	82	564568	44.803 ng	98
26) 2-Nitrophenol	9.96	139	143547	49.667 ng	99
27) 2,4-Dimethylphenol	10.02	122	274611	55.079 ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	345242	44.453 ng	99
29) 2,4-Dichlorophenol	10.49	162	284585	50.064 ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	303150	45.420 ng	97
31) Naphthalene	10.91	128	802605	46.583 ng	98
32) Benzoic acid	10.14	122	184403	48.630 ng	96
33) 4-Chloroaniline	11.00	127	222727	28.025 ng	99
34) Hexachlorobutadiene	11.20	225	187733	43.762 ng	99
35) Caprolactam	11.76	113	101976m	48.807 ng	
36) 4-Chloro-3-methylphenol	12.12	107	289617	48.634 ng	98
37) 2-Methylnaphthalene	12.51	142	622208	47.268 ng	98
38) 1-Methylnaphthalene	12.72	142	584253	46.556 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	348806	45.905 ng	99

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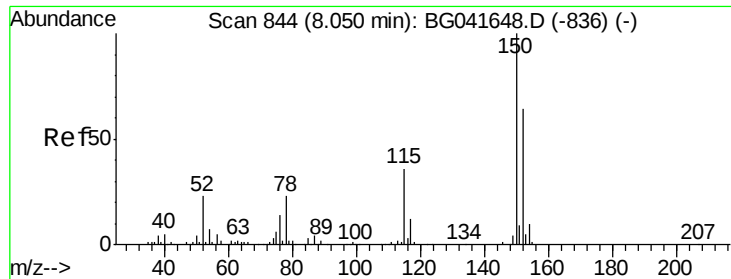
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	394386	91.754	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	244477	49.518	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	261631	50.296	nq	97
46) 1,1'-Biphenyl	13.51	154	772785	46.500	nq	99
47) 2-Chloronaphthalene	13.55	162	628415	45.371	nq	98
48) 2-Nitroaniline	13.74	65	193315	47.937	nq	94
49) Acenaphthylene	14.39	152	998839	46.195	nq	99
50) Dimethylphthalate	14.12	163	814884	46.773	nq	99
51) 2,6-Dinitrotoluene	14.23	165	189136	51.181	nq	97
52) Acenaphthene	14.73	154	686020	50.347	nq	99
53) 3-Nitroaniline	14.55	138	138302	34.284	nq	99
54) 2,4-Dinitrophenol	14.76	184	192933	101.052	nq	94
55) Dibenzofuran	15.06	168	961174	47.008	nq	98
56) 4-Nitrophenol	14.86	139	365628	111.949	nq	97
57) 2,4-Dinitrotoluene	15.01	165	258571	52.932	nq	99
58) Fluorene	15.71	166	776595	46.678	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	251217	52.312	nq	97
60) Diethylphthalate	15.48	149	817709	46.589	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	439839	46.769	nq	99
62) 4-Nitroaniline	15.72	138	206122	48.178	nq	99
63) Azobenzene	16.00	77	728167	45.889	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	137550	52.588	nq	98
66) n-Nitrosodiphenylamine	15.91	169	730522	45.785	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	291040	45.019	nq	97
68) Hexachlorobenzene	16.72	284	286219	43.966	nq	97
69) Atrazine	16.86	200	277154	47.866	nq	99
70) Pentachlorophenol	17.05	266	410685	100.894	nq	99
71) Phenanthrene	17.44	178	1276346	46.647	nq	97
72) Anthracene	17.54	178	1299074	47.630	nq	96
73) Carbazole	17.80	167	1198431	47.378	nq	97
74) Di-n-butylphthalate	18.37	149	1393455	45.167	nq	97
75) Fluoranthene	19.45	202	1550881	46.160	nq	96
77) Benzidine	19.62	184	796574	43.458	nq	99
78) Pyrene	19.81	202	1558683	43.336	nq	94
80) Butylbenzylphthalate	20.69	149	675242	45.179	nq	96
81) Benzo(a)anthracene	21.63	228	1530194	44.534	nq	97
82) 3,3'-Dichlorobenzidine	21.55	252	511029	37.795	nq	98
83) Chrysene	21.70	228	1500065	45.689	nq	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	950684	45.051	nq	96
85) Di-n-octyl phthalate	22.77	149	1639607	45.624	nq	96
86) Indeno(1,2,3-cd)pyrene	28.50	276	1937430	44.723	nq	# 92
88) Benzo(b)fluoranthene	23.84	252	1673412	49.537	nq	98
89) Benzo(k)fluoranthene	23.91	252	1644411	52.534	nq	98
90) Benzo(a)pyrene	24.71	252	1660989	51.968	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	1591823	51.366	nq	99
92) Benzo(g,h,i)perylene	29.64	276	1598385	51.468	nq	99

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



#1

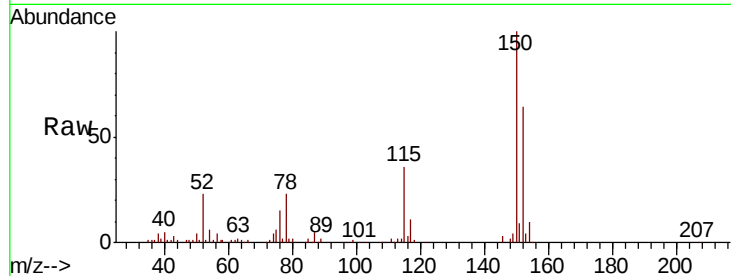
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.9	190.3
115	57.2	45.0	67.6

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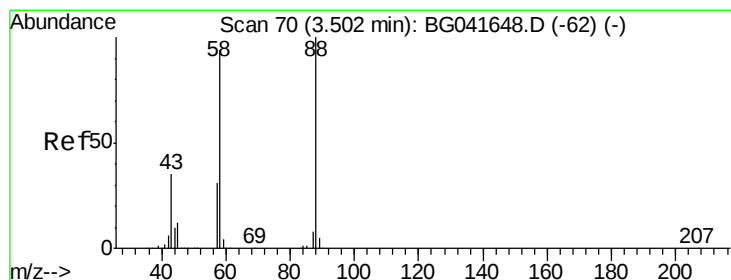
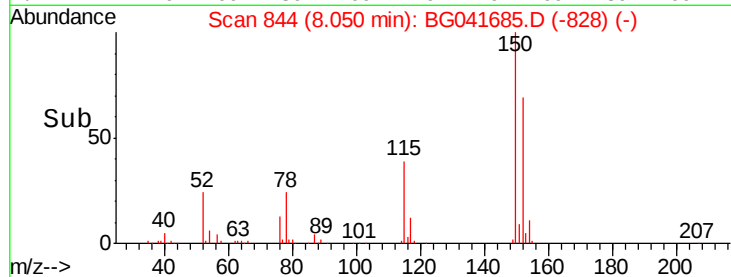
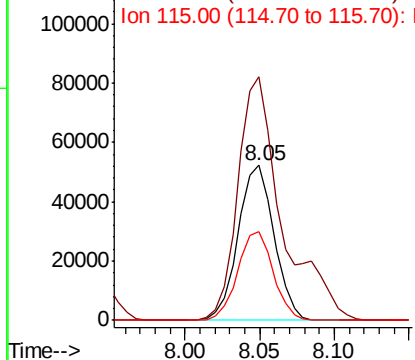


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

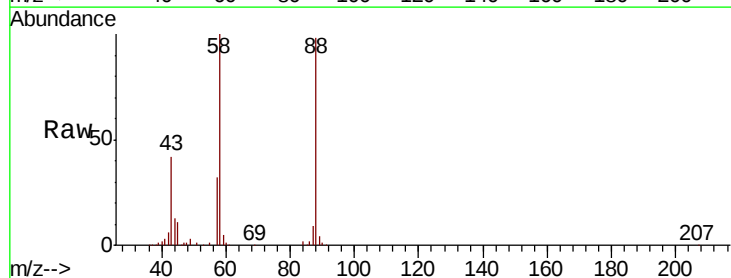
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.871 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	76.2	114.2
43	37.3	27.2	40.8

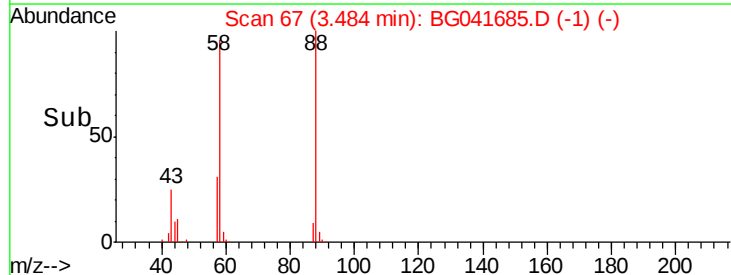
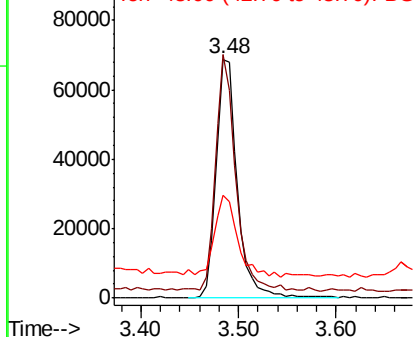


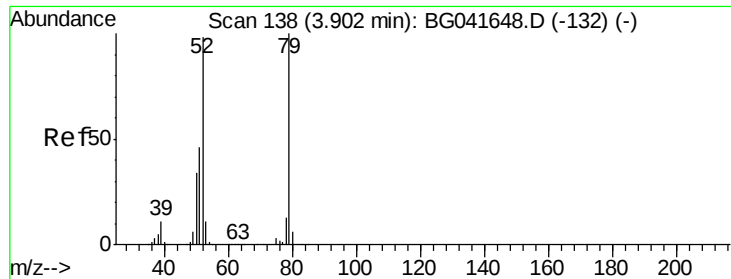
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.812 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

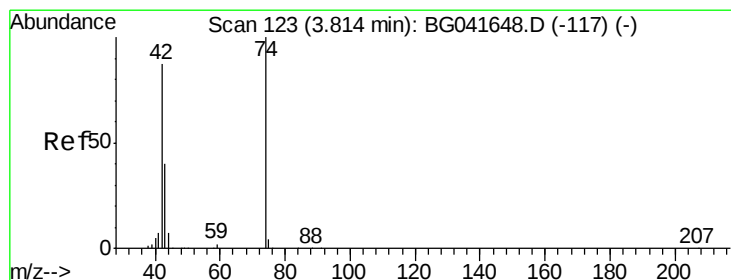
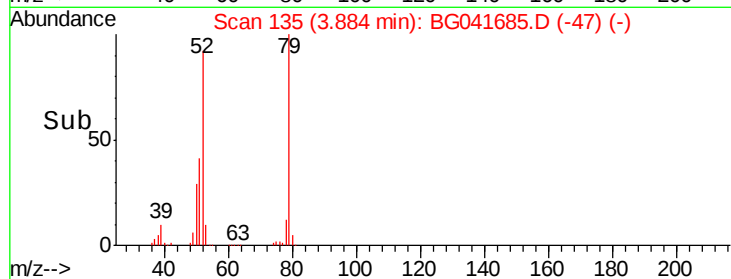
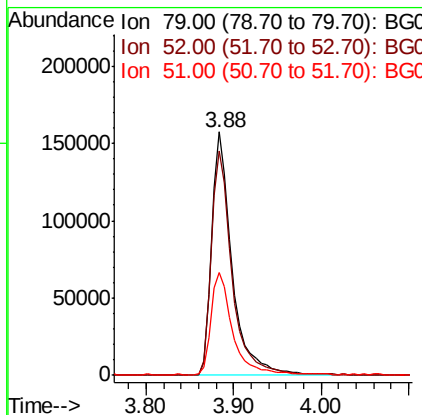
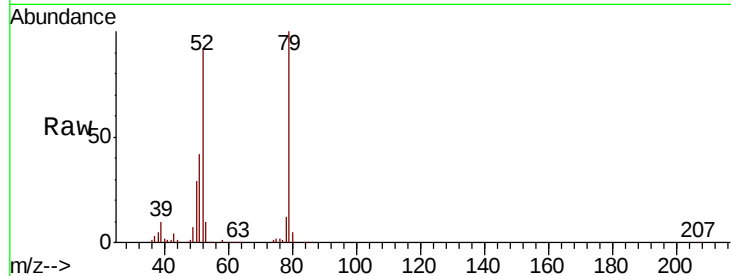
ClientSampleId :

PB121341BS

Tot Ion:	79	Resp:	256290
Ion	Ratio	Lower	Upper
79	100		
52	91.9	77.1	115.7
51	42.1	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 41.526 ng

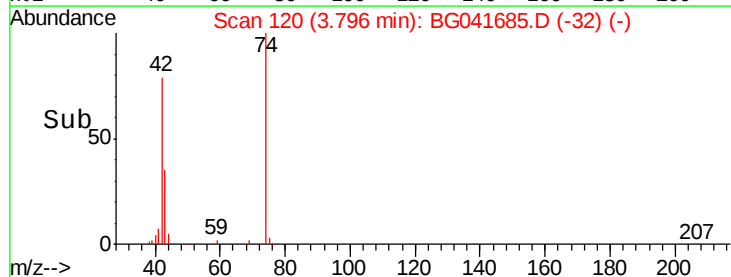
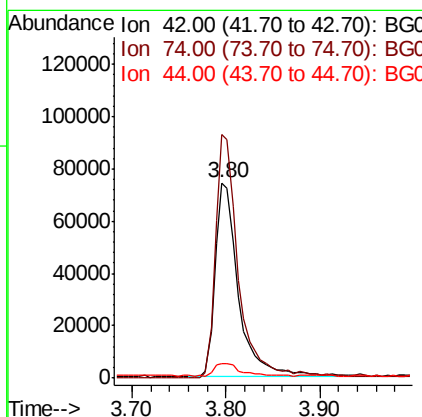
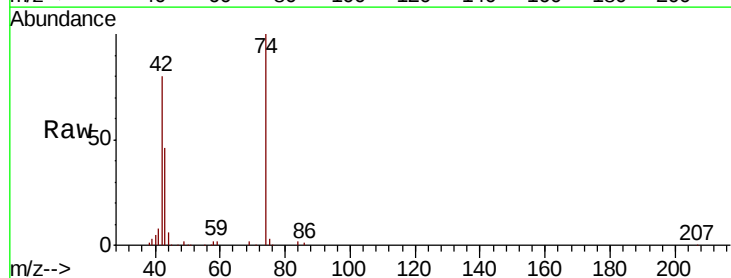
RT: 3.80 min Scan# 120

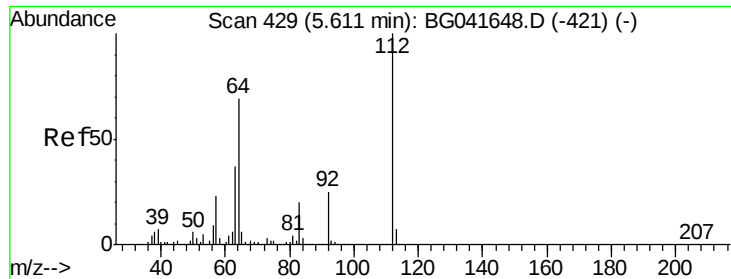
Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion:	42	Resp:	129983
Ion	Ratio	Lower	Upper
42	100		
74	124.7	97.4	146.2
44	7.5	6.6	9.8





#5

2-Fluorophenol

Concen: 136.766 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

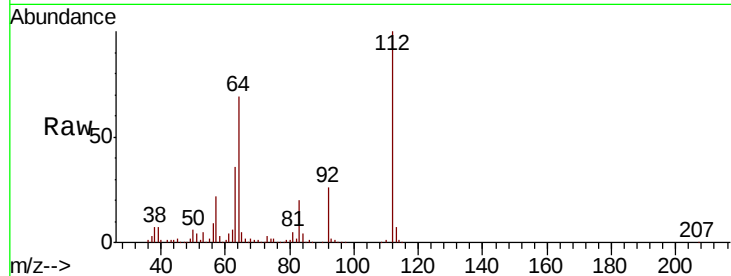
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PB121341BS

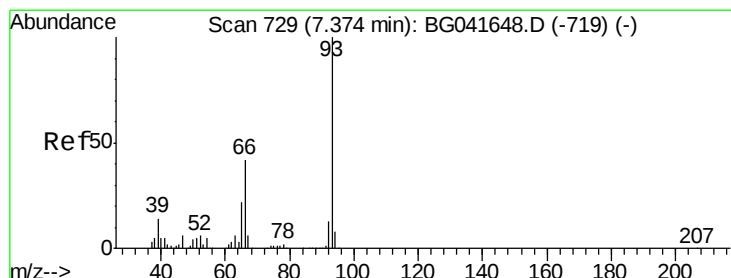
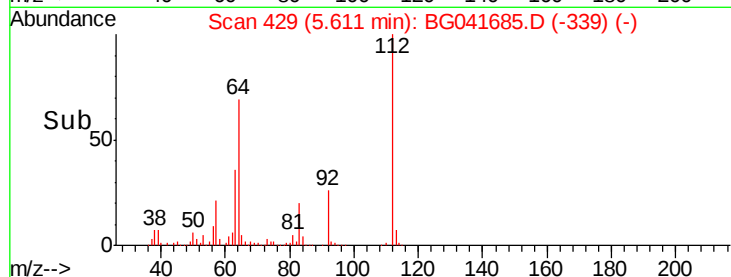
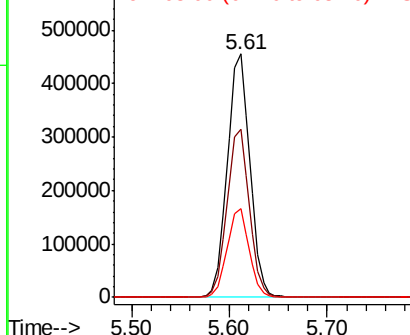
Tot Ion	Ratio	Resp	Lower	Upper
112	100	731198		
64	69.2		55.4	83.2
63	36.5		29.1	43.7

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



#6

Aniline

Concen: 33.403 ng

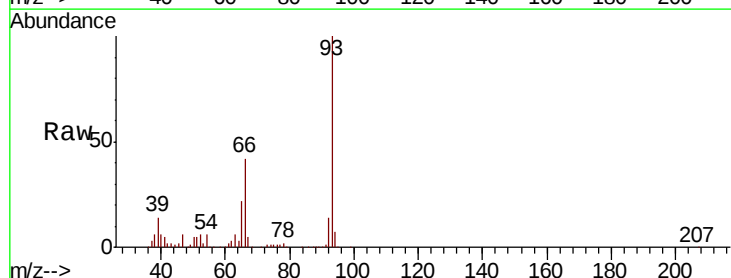
RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

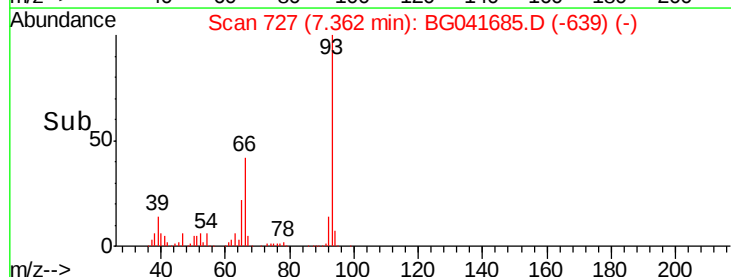
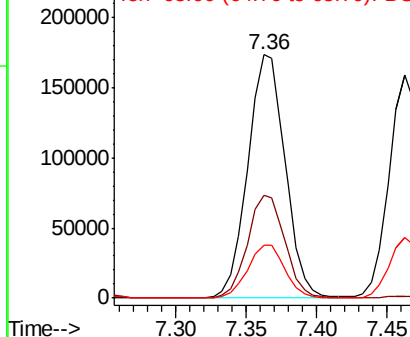
Lab File: BG041685.D

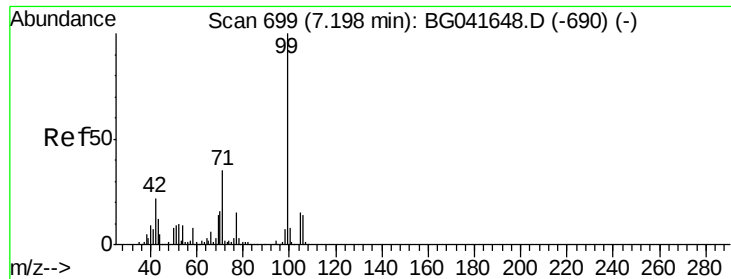
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	322831		
66	42.0		34.2	51.2
65	21.9		18.2	27.2



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





#7

Phenol-d6

Concen: 131.571 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

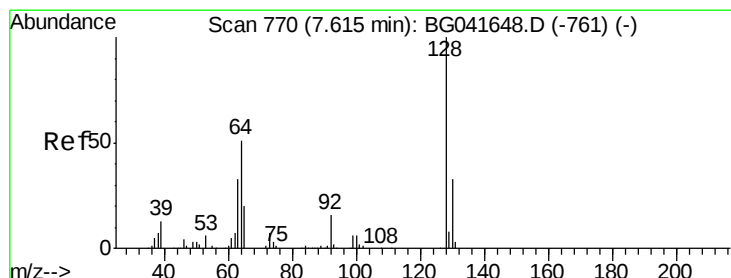
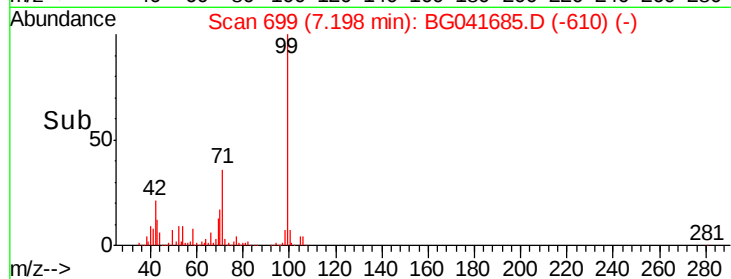
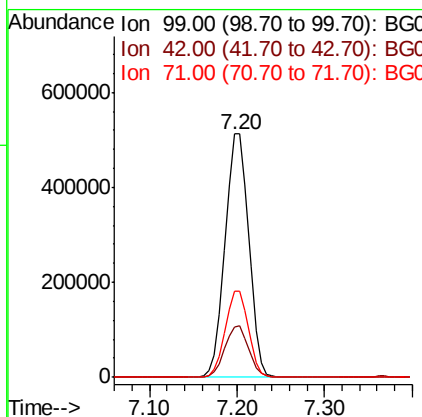
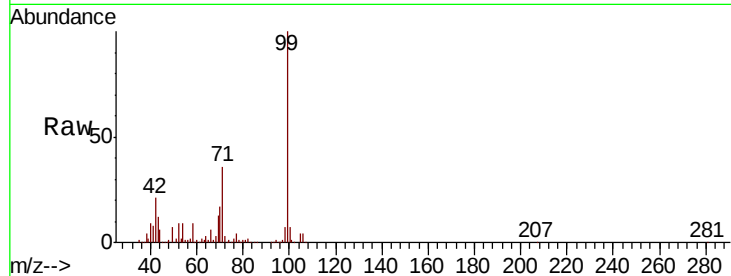
ClientSampleId :

PB121341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		946134		
42	20.9	17.6	26.4		
71	35.6	27.8	41.6		

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#8

2-Chlorophenol

Concen: 45.108 ng

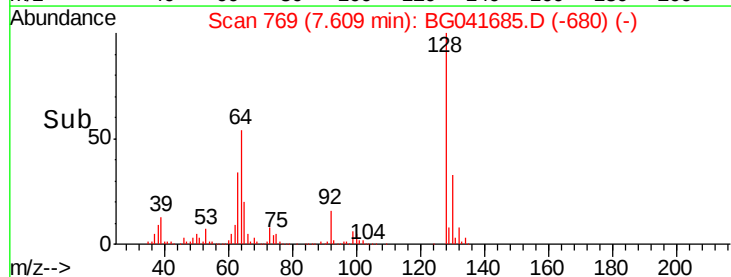
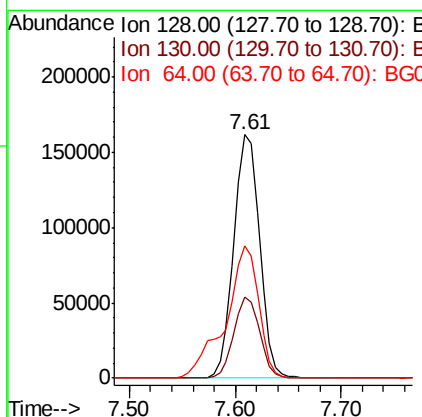
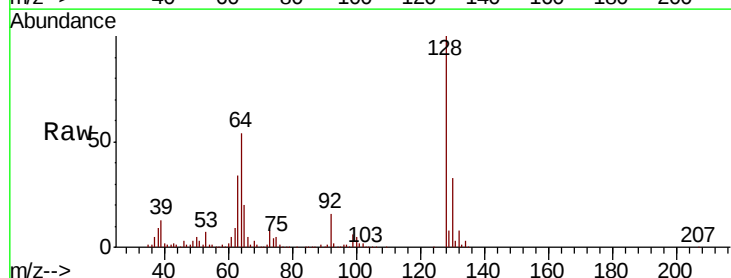
RT: 7.61 min Scan# 769

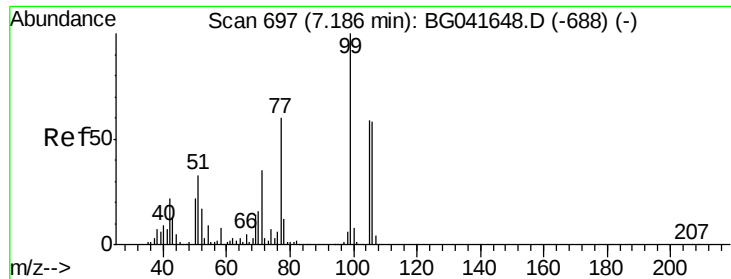
Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		273020		
130	33.2	12.4	52.4		
64	54.2	34.9	74.9		





#9

Benzaldehyde

Concen: 47.253 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

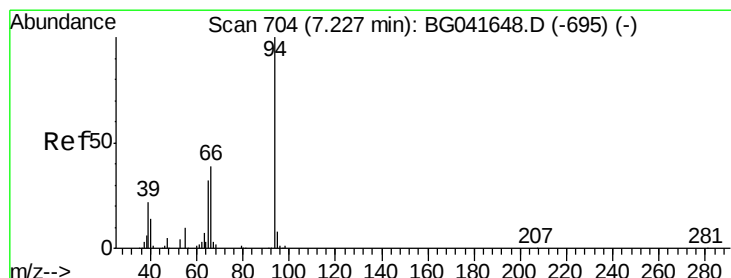
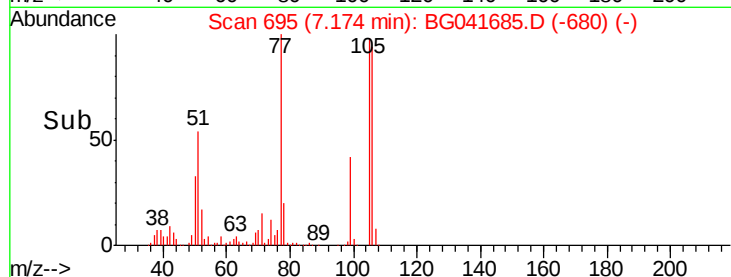
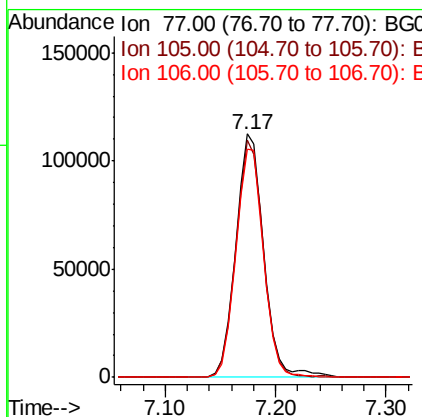
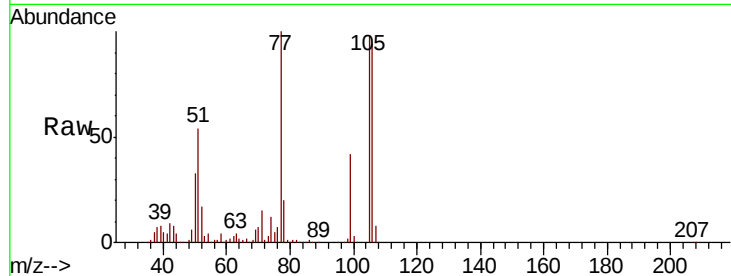
ClientSampleId :

PB121341BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.7	74.6	114.6
106	94.0	71.1	111.1

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#10

Phenol

Concen: 45.231 ng

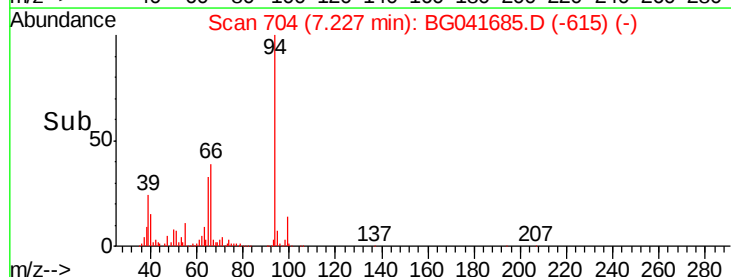
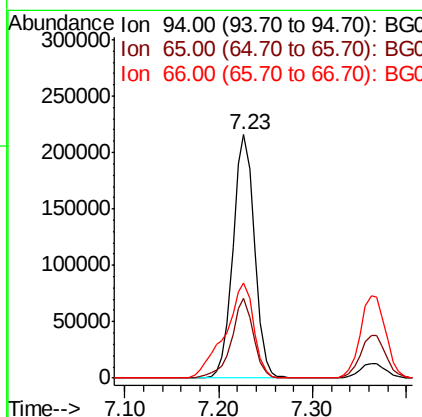
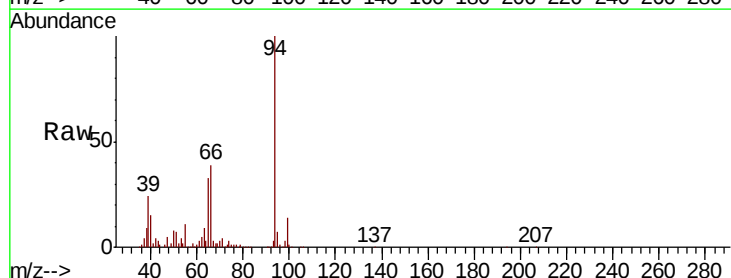
RT: 7.23 min Scan# 704

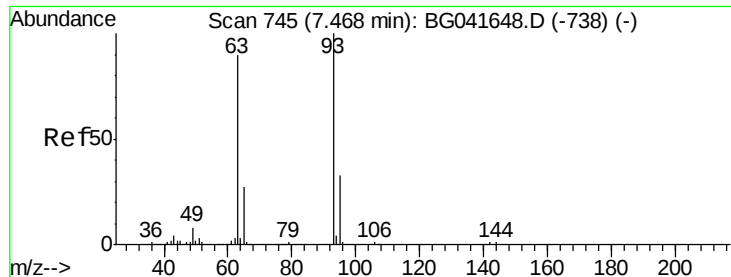
Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	10.6	50.6
66	39.3	18.2	58.2





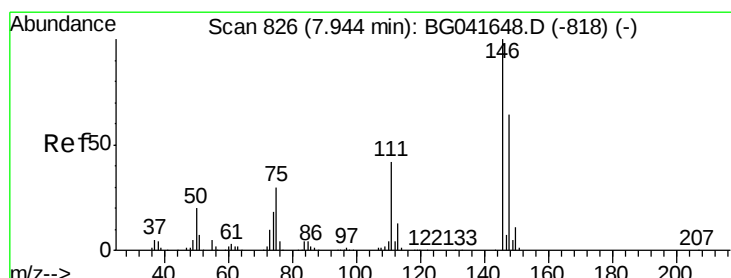
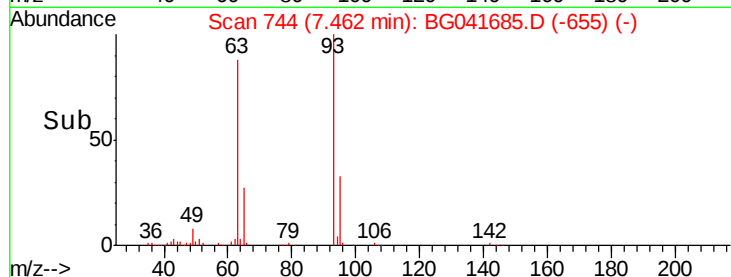
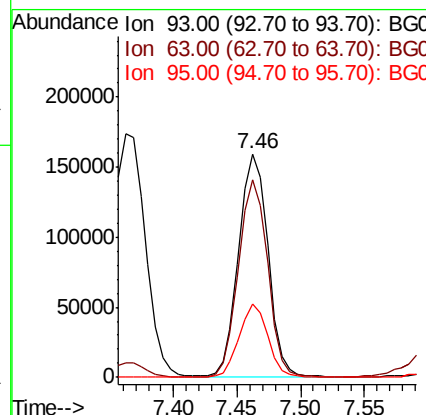
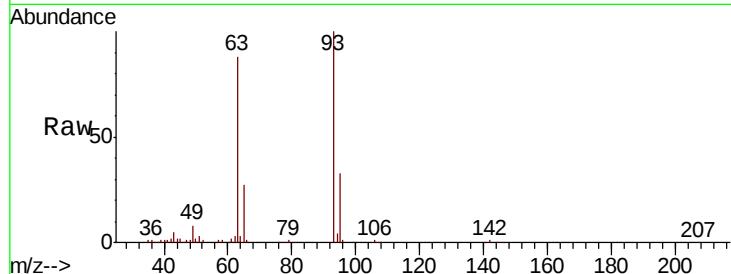
#11
bis(2-Chloroethyl)ether
Concen: 42.091 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	257550		
63	88.4		70.4	110.4
95	32.6		12.8	52.8

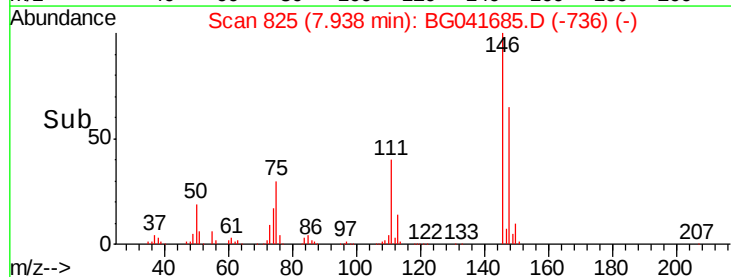
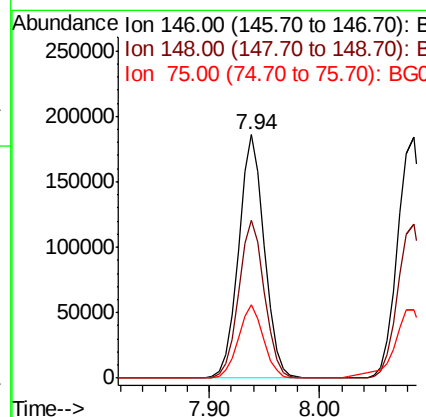
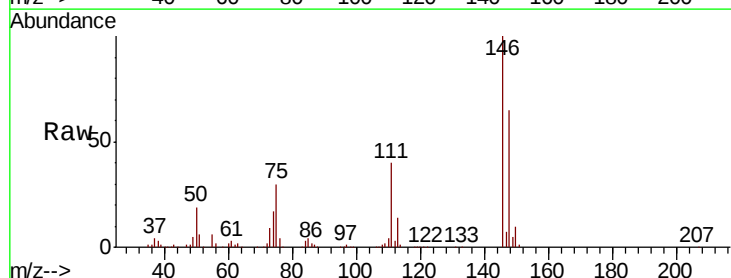
Manual Integrations
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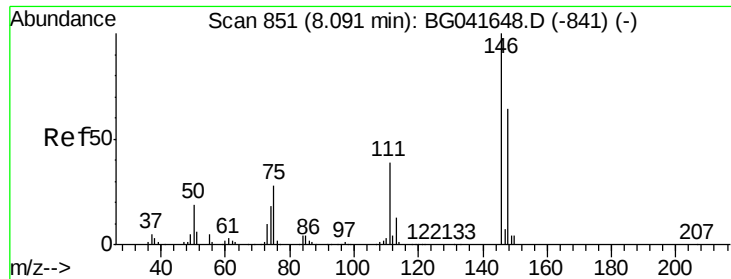
mohammad
7/19/2019 2:24:39 PM



#12
1,3-Dichlorobenzene
Concen: 41.921 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302751		
148	65.0		51.5	77.3
75	30.0		23.2	34.8





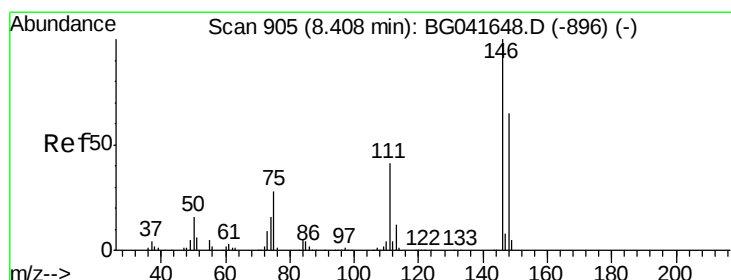
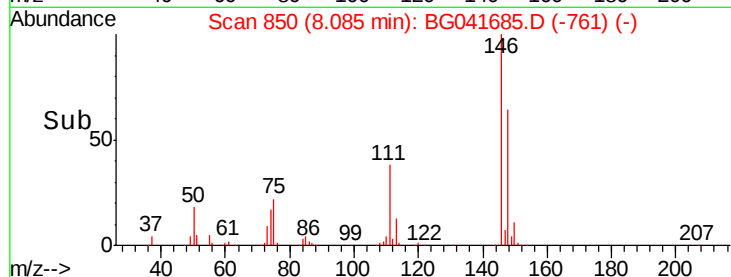
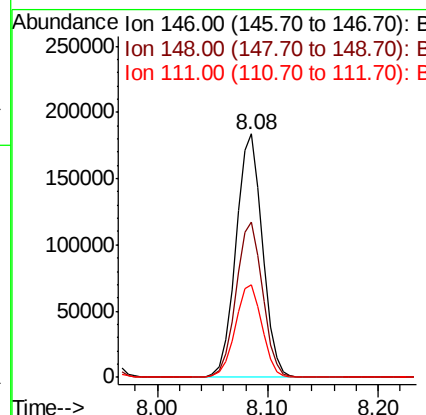
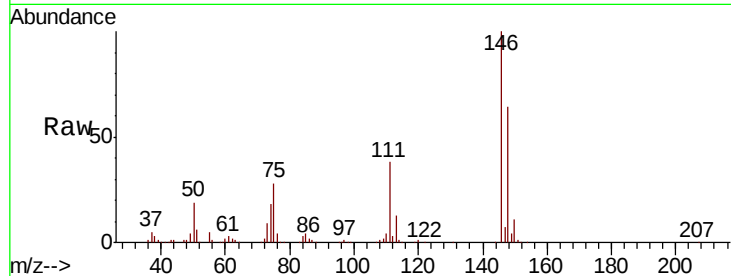
#13
1,4-Dichlorobenzene
Concen: 42.692 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	79.0
111	38.1	32.5	48.7

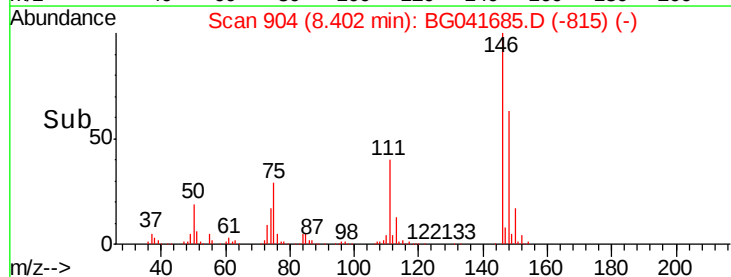
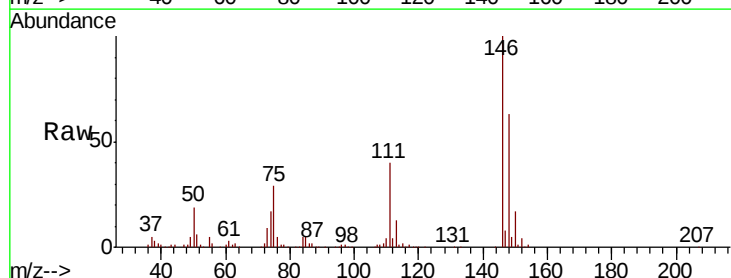
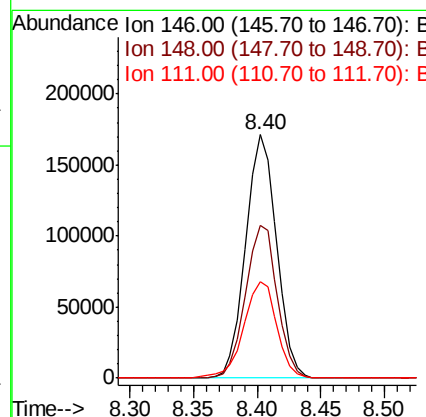
Manual Integrations
APPROVED

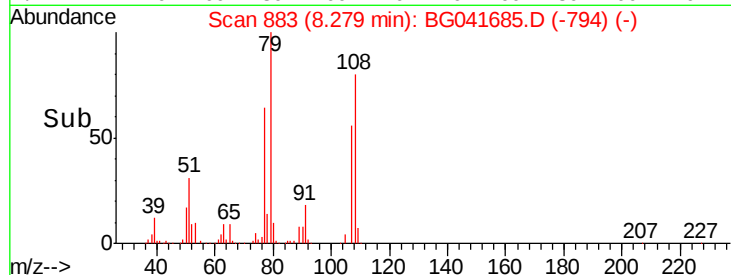
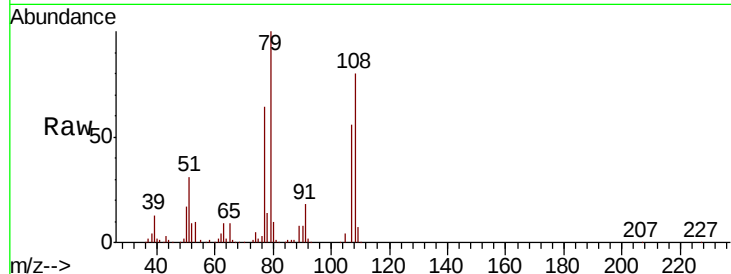
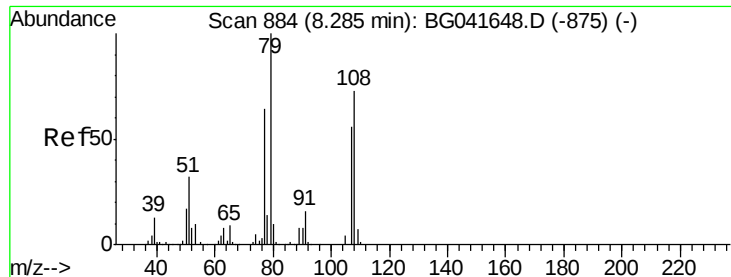
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.585 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.5	80.3
111	39.8	35.4	53.0





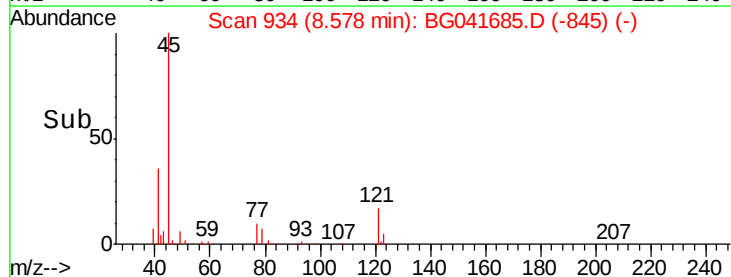
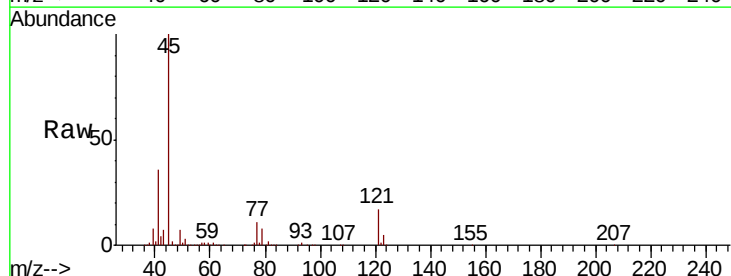
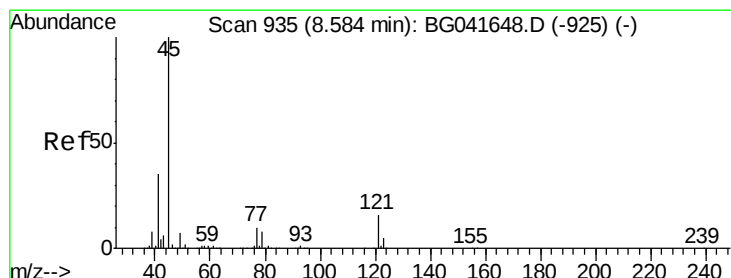
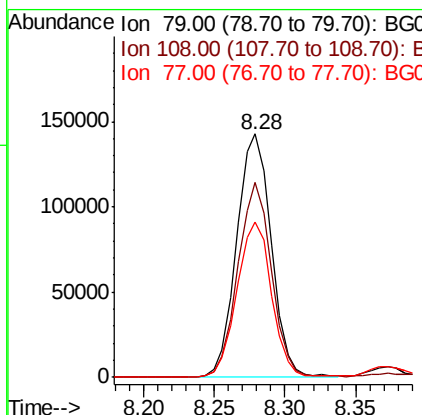
#15
Benzyl Alcohol
Concen: 42.713 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	60.5	90.7
77	63.6	50.6	75.8

Instrument :
BNA_G
ClientSampleId :
PB121341BS

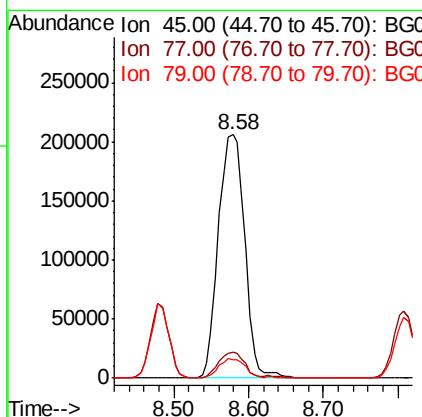
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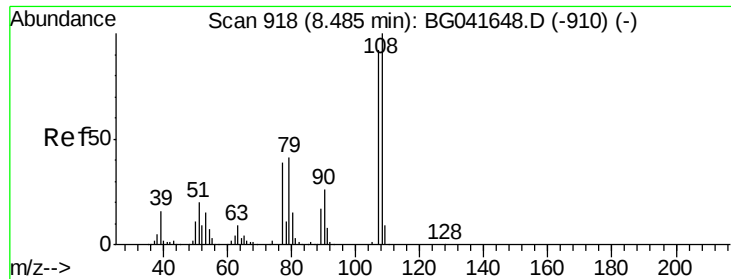
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.917 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.4
79	7.7	0.0	27.9





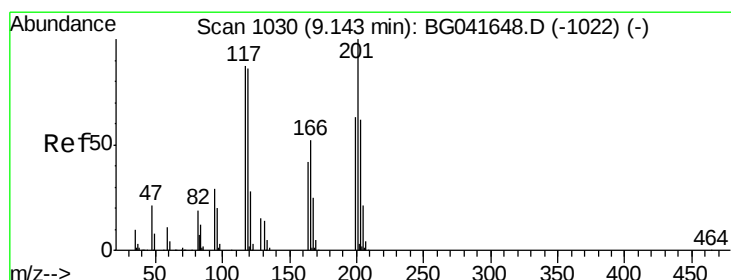
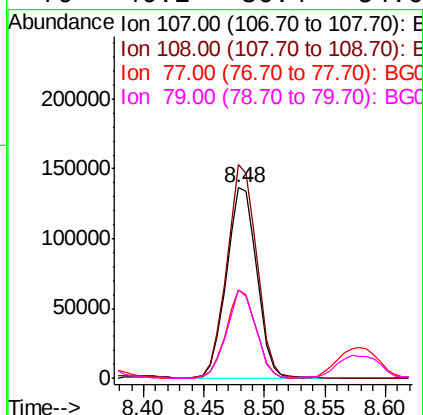
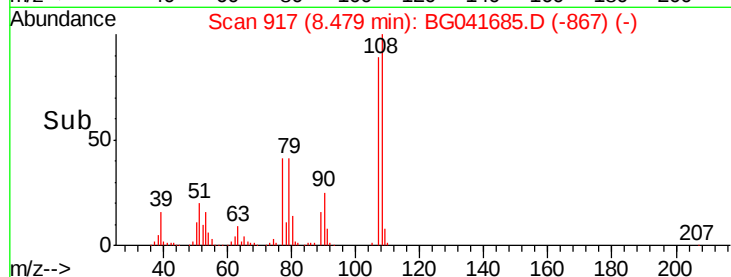
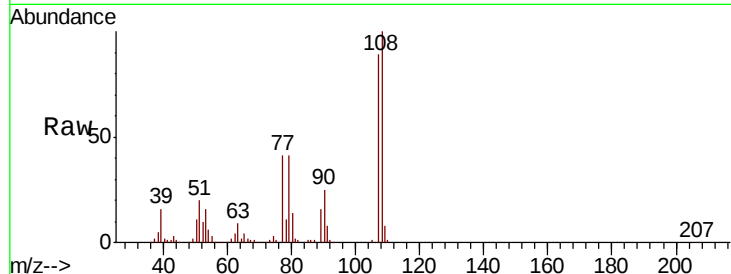
#17
2-Methylphenol
Concen: 45.609 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	87.6	131.4	
77	46.5	36.1	54.1	
79	46.2	36.4	54.6	

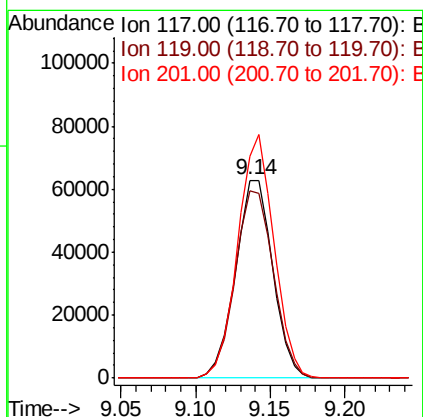
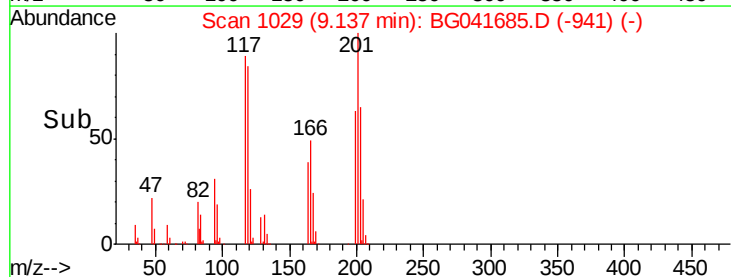
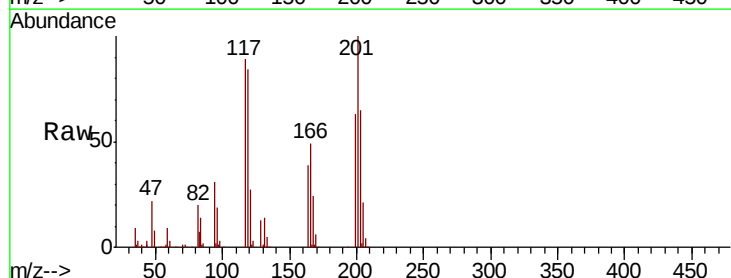
Manual Integrations
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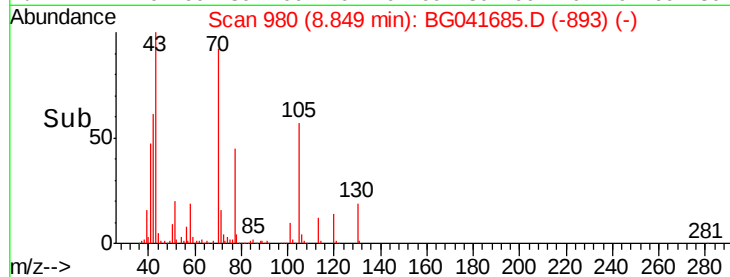
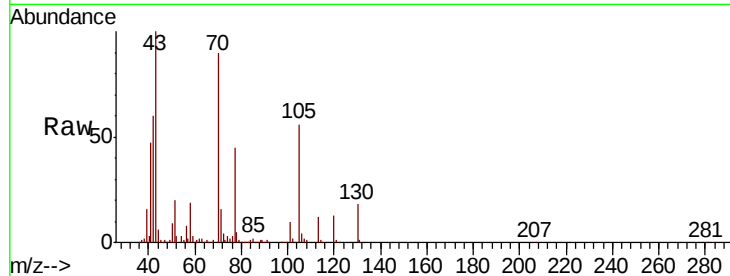
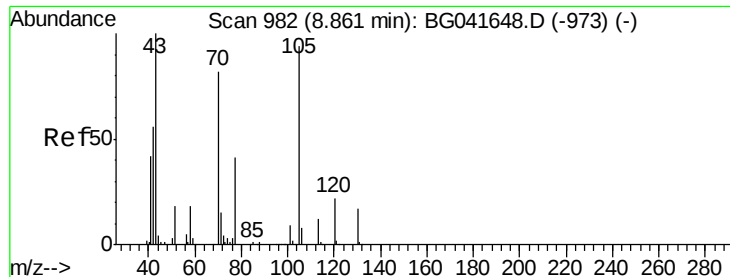
mohammad
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#18
Hexachloroethane
Concen: 41.154 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	76.2	114.2	
201	111.9	94.1	141.1	





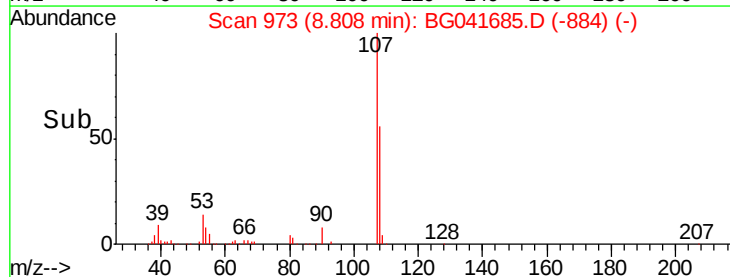
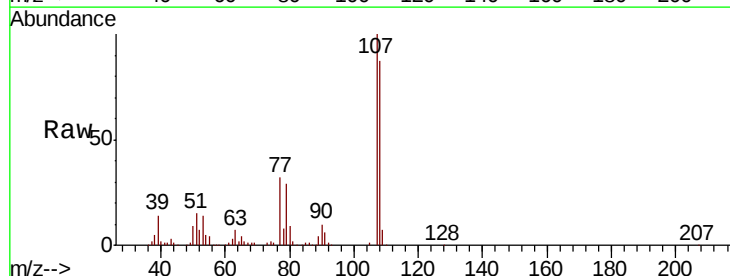
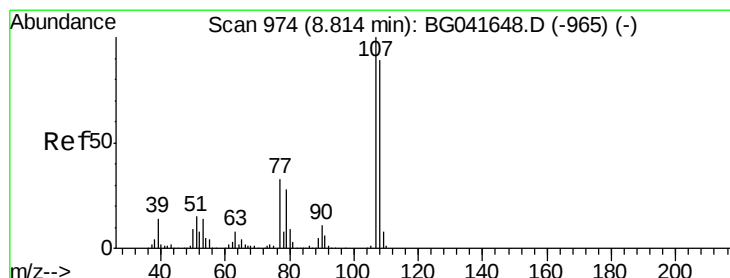
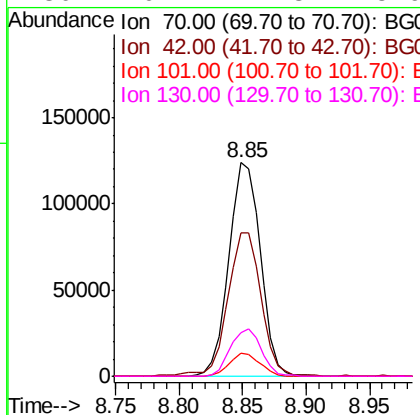
#19
n-Nitroso-di-n-propylamine
Concen: 40.558 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	55.8	83.6
101	10.6	8.1	12.1
130	20.4	17.3	25.9

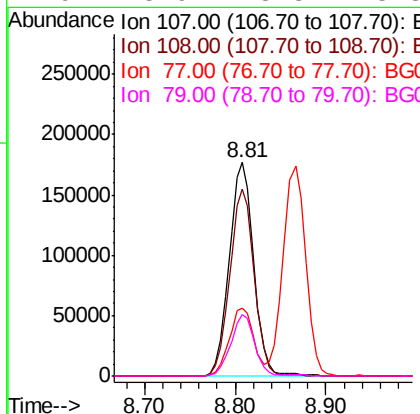
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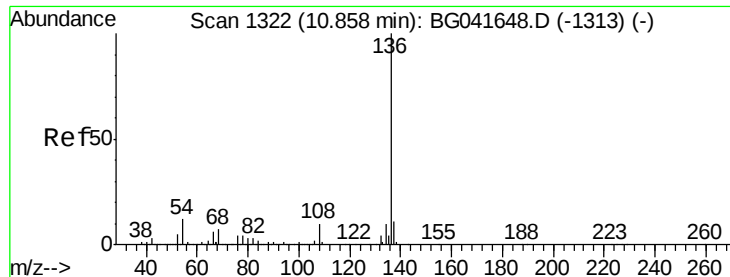
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#20
3+4-Methylphenols
Concen: 46.152 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.5	107.5
77	31.9	12.3	52.3
79	28.9	8.3	48.3





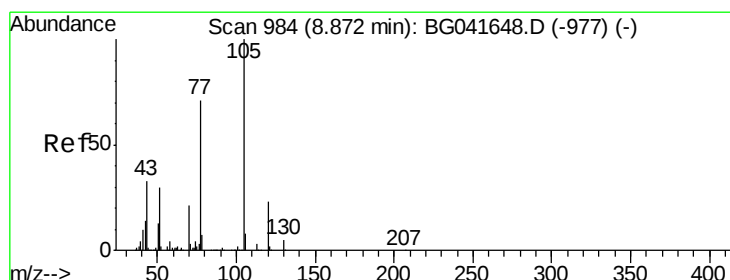
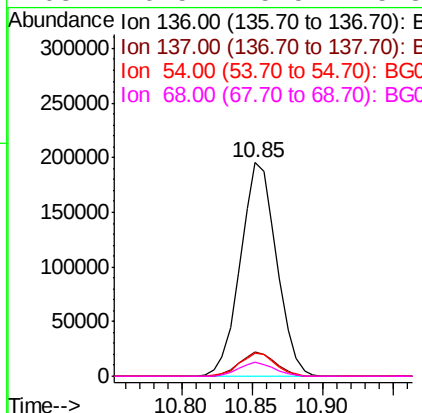
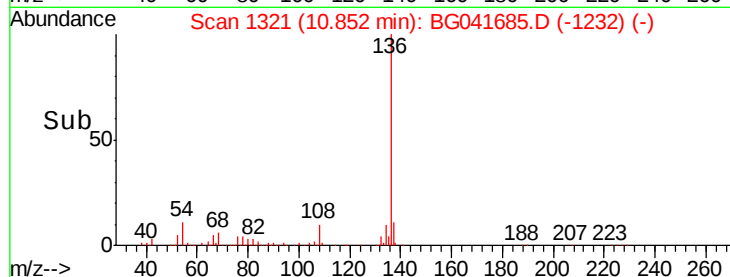
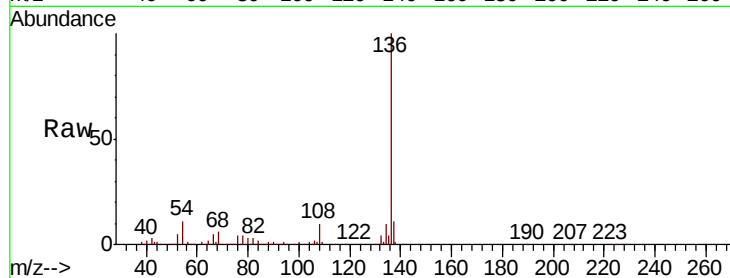
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4	9.2	13.8		
54	10.7	8.7	13.1		
68	6.5	5.5	8.3		

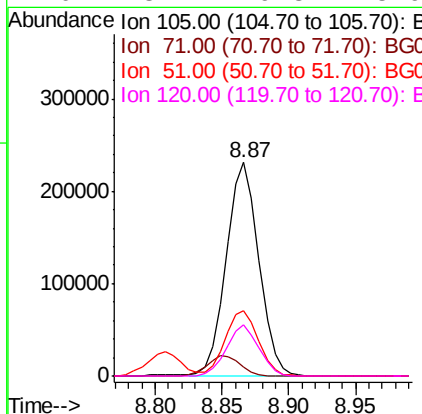
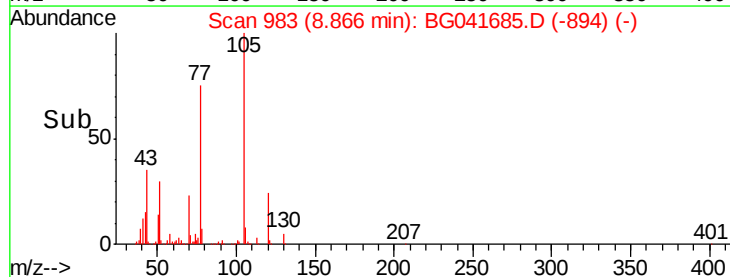
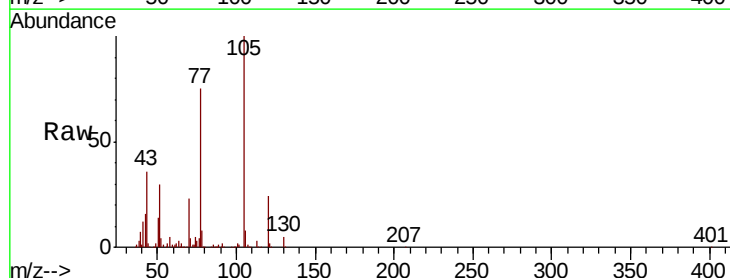
Manual Integrations
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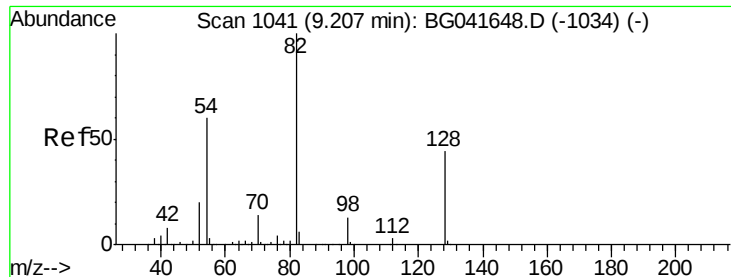
mohammad
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#22
Acetophenone
Concen: 46.199 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.0	5.9	8.9#		
51	30.3	27.7	41.5		
120	23.7	19.3	28.9		





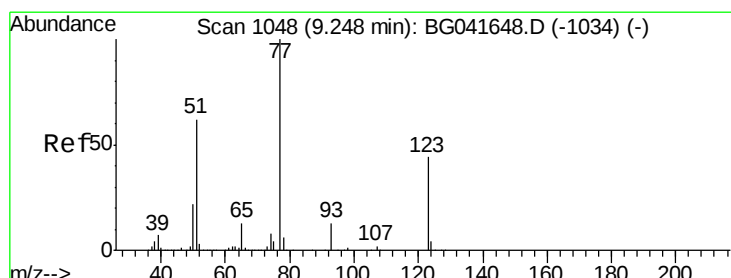
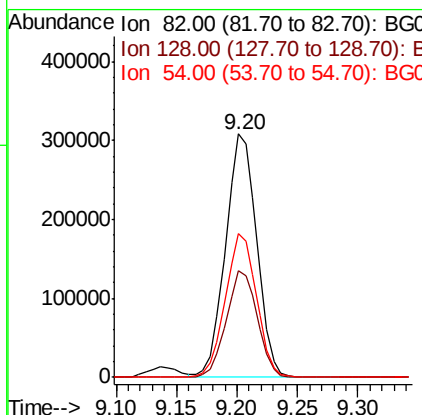
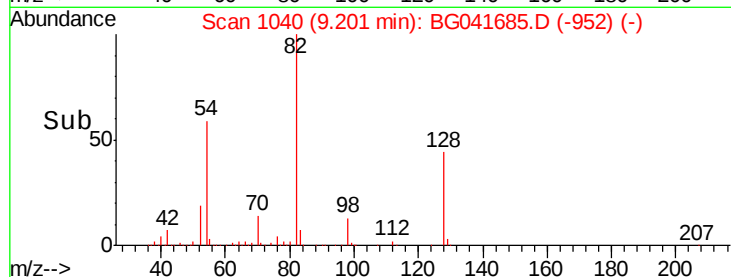
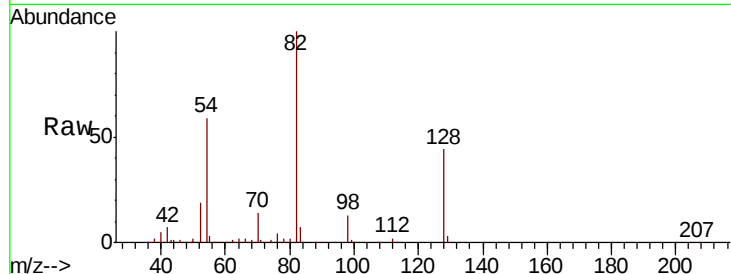
#23
 Nitrobenzene-d5
 Concen: 95.848 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	35.1	52.7	
54	59.2	48.7	73.1	

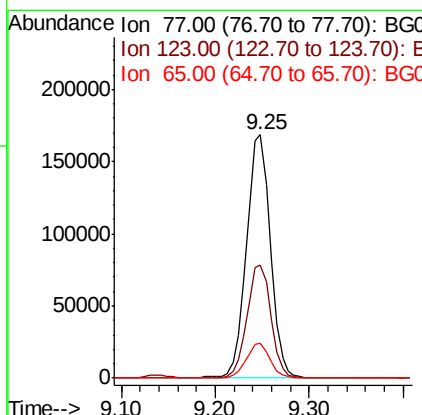
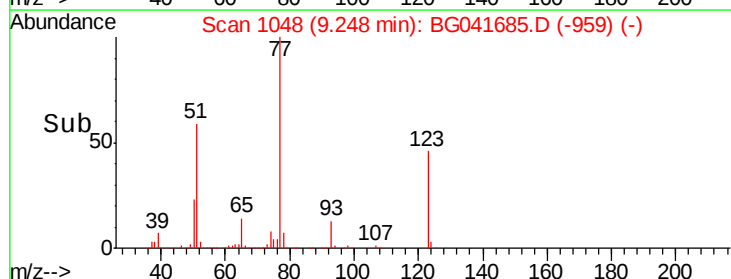
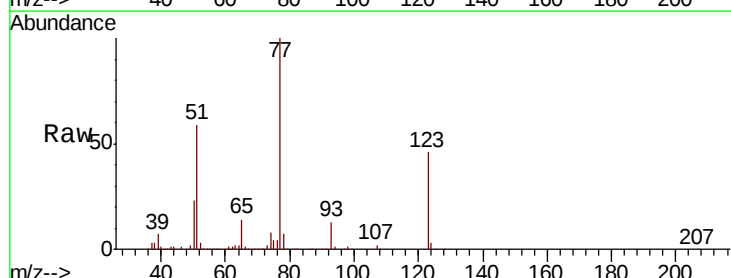
Manual Integrations
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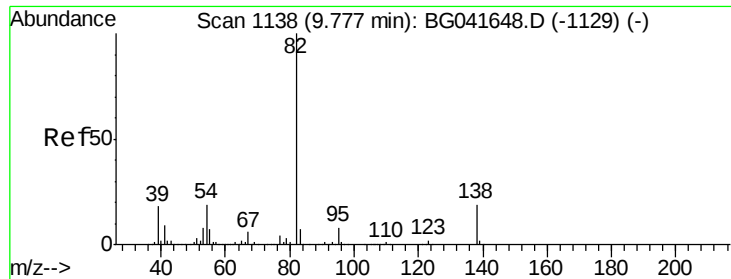
mohammad
 7/19/2019 2:24:39 PM



#24
 Nitrobenzene
 Concen: 47.470 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	38.1	57.1	
65	14.2	11.0	16.6	





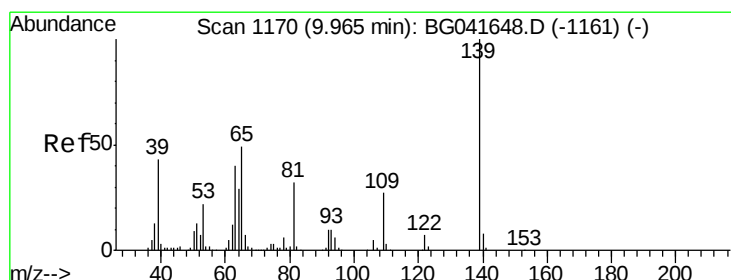
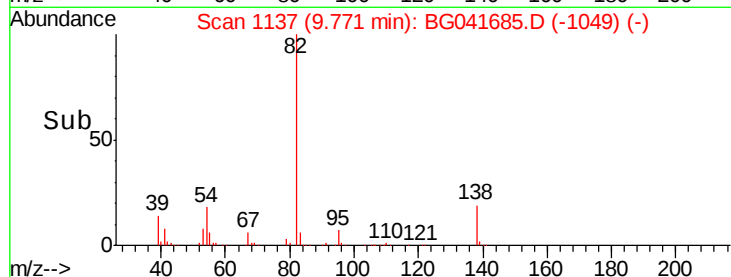
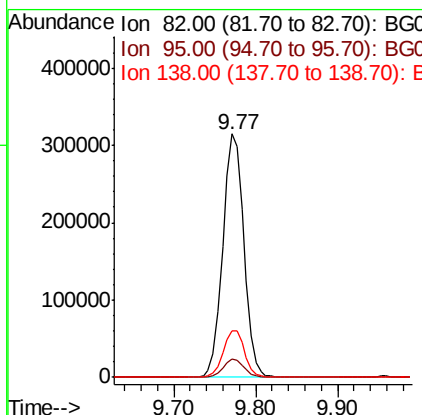
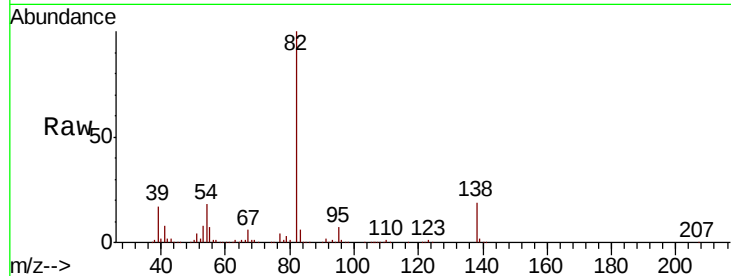
#25
Isophorone
Concen: 44.803 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	82	Resp	564568
Ion Ratio	100	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	19.0	16.3	24.5

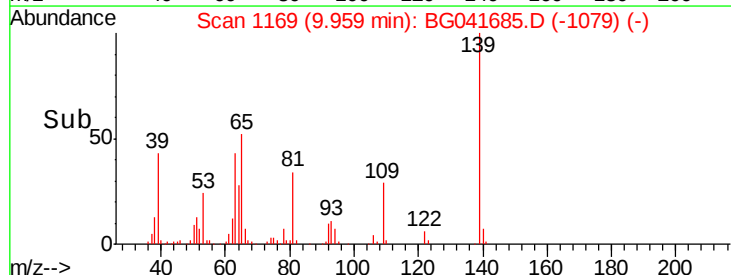
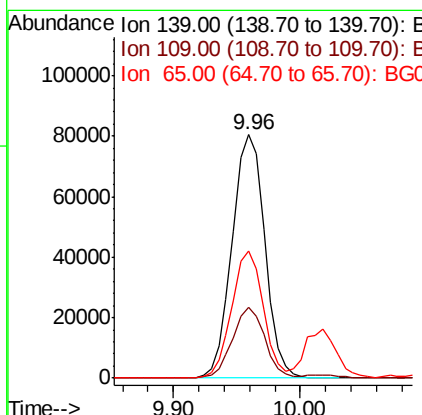
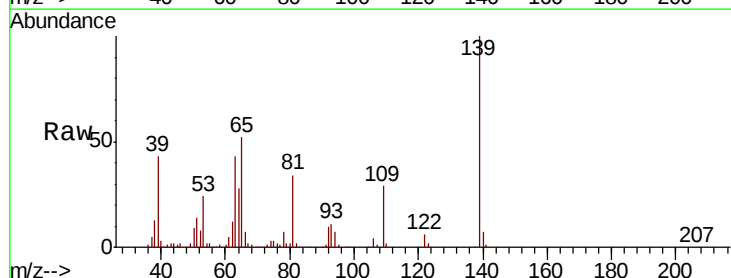
Manual Integrations
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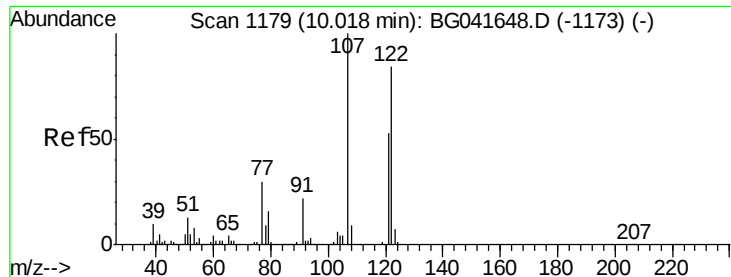
mohammad
7/19/2019 2:24:39 PM



#26
2-Nitrophenol
Concen: 49.667 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	139	Resp	143547
Ion Ratio	100	Lower	Upper
139	100		
109	29.0	22.7	34.1
65	52.3	41.1	61.7





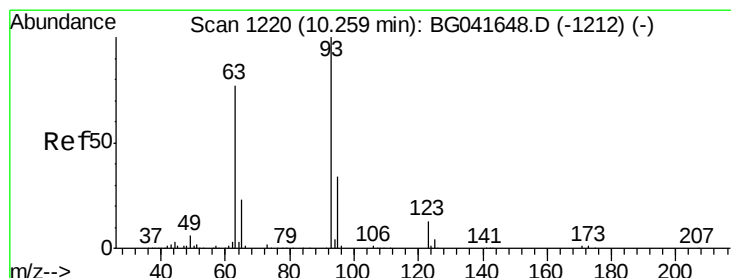
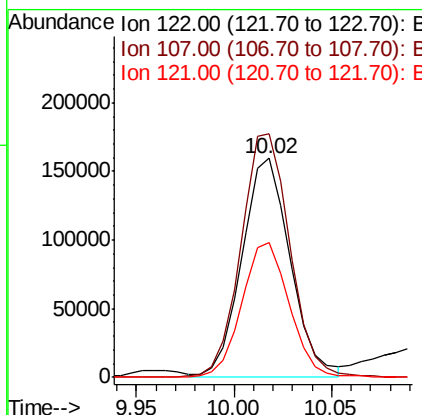
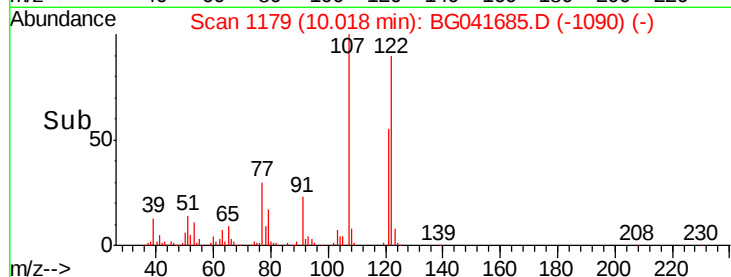
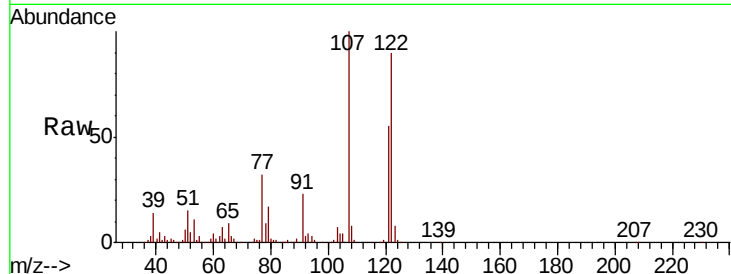
#27
 2,4-Dimethylphenol
 Concen: 55.079 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.3	136.9
121	61.6	49.2	73.8

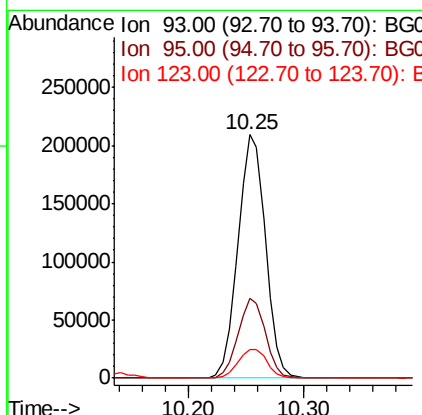
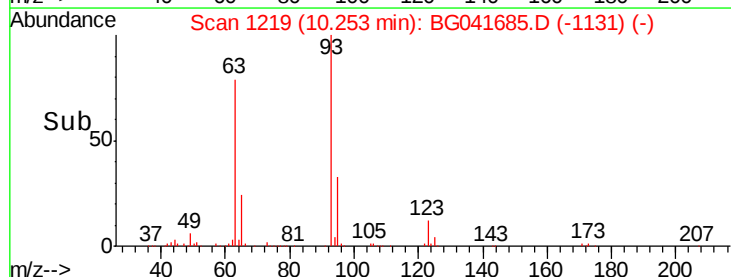
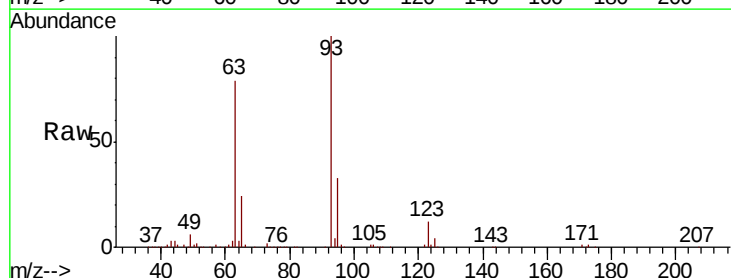
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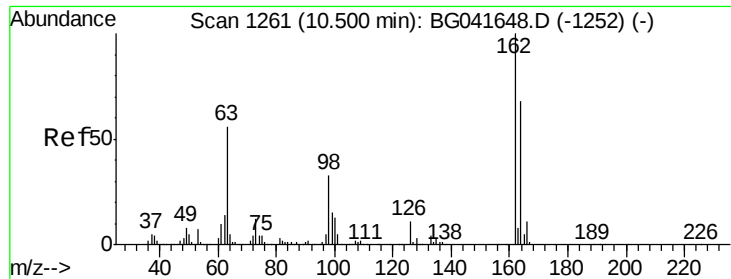
mohammad
 7/19/2019 2:24:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.453 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.9	14.9





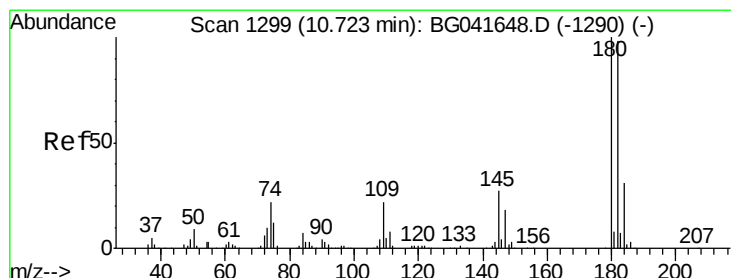
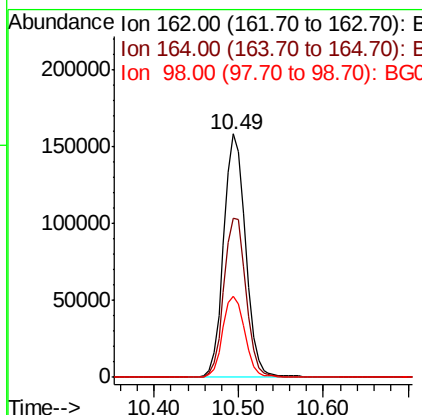
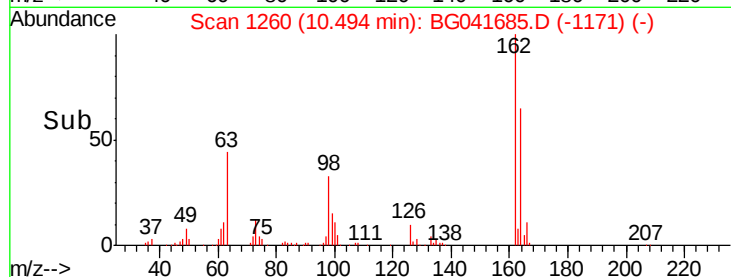
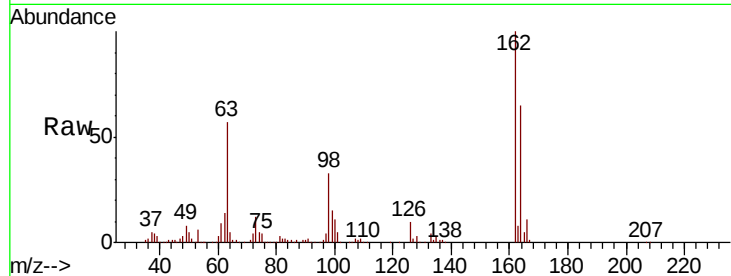
#29
2,4-Dichlorophenol
Concen: 50.064 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	284585		
164	65.4	46.1	86.1	
98	33.1	14.7	54.7	

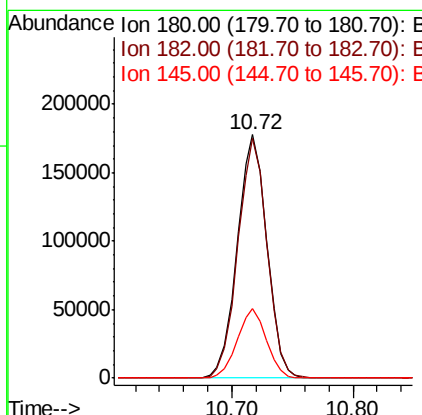
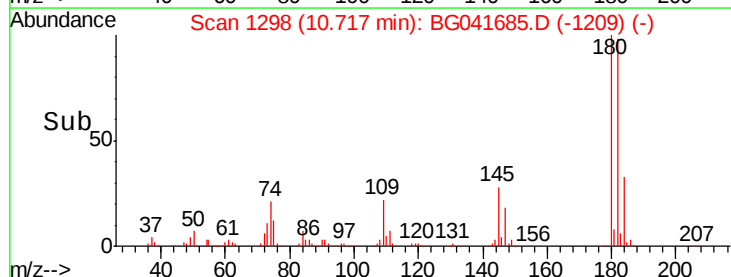
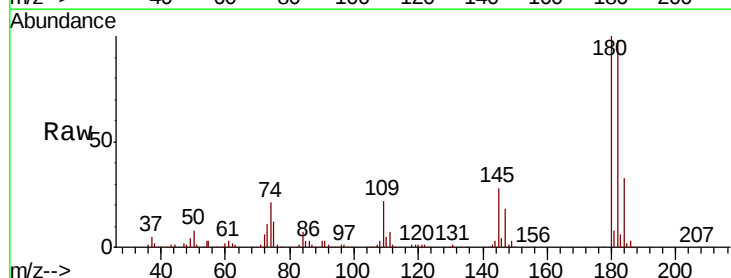
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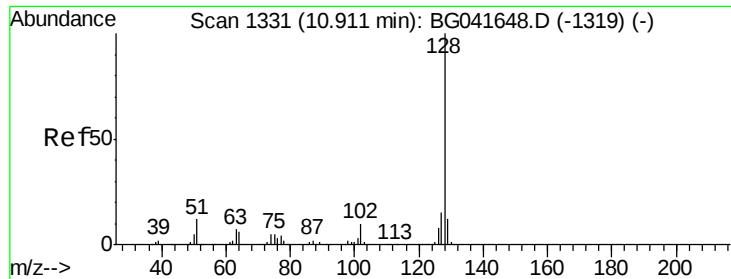
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.420 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	303150		
182	98.4	76.2	114.2	
145	28.3	23.8	35.8	





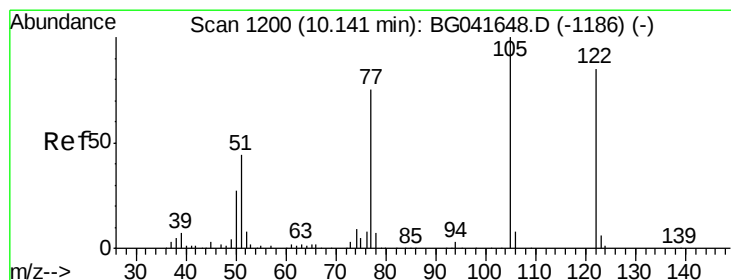
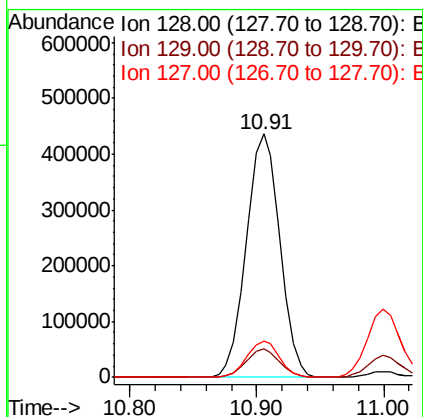
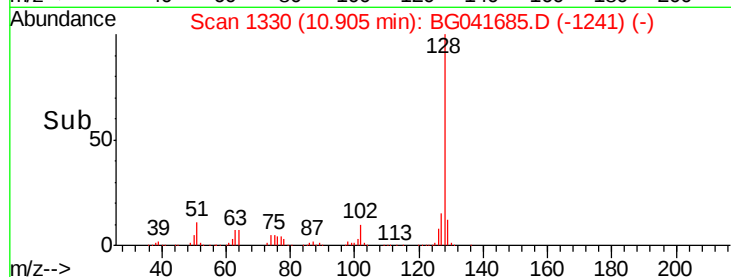
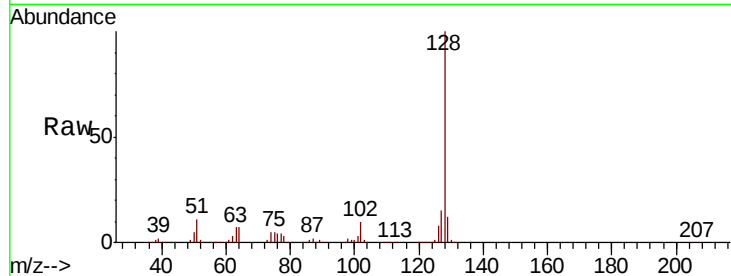
#31
Naphthalene
Concen: 46.583 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.8	12.3	18.5

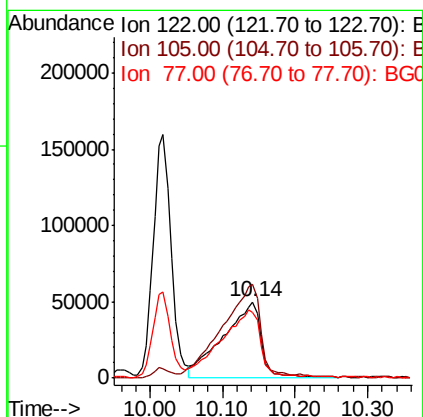
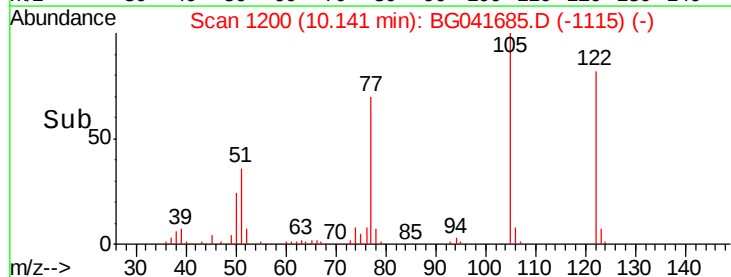
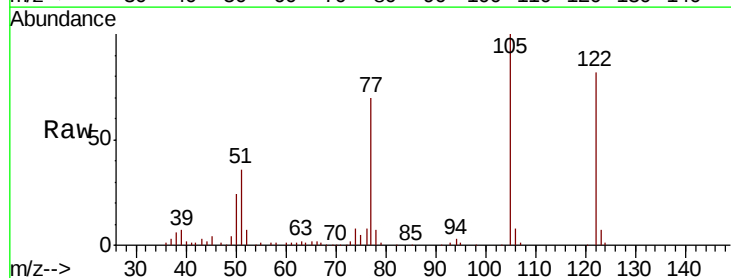
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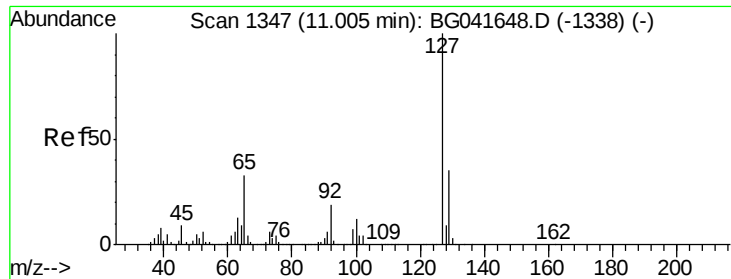
mohammad
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#32
Benzoic acid
Concen: 48.630 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.5	141.5
77	86.0	73.0	113.0





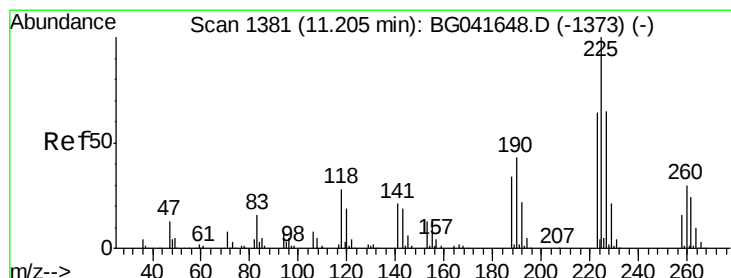
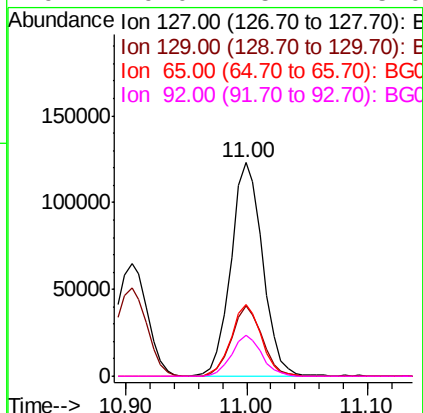
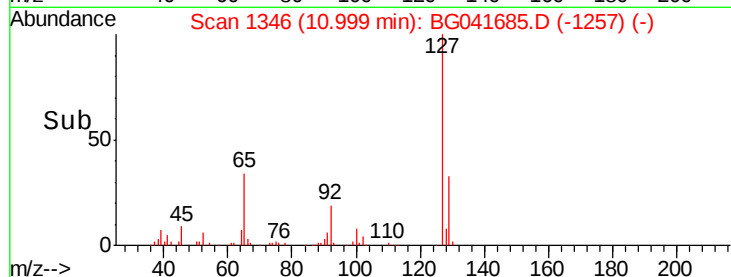
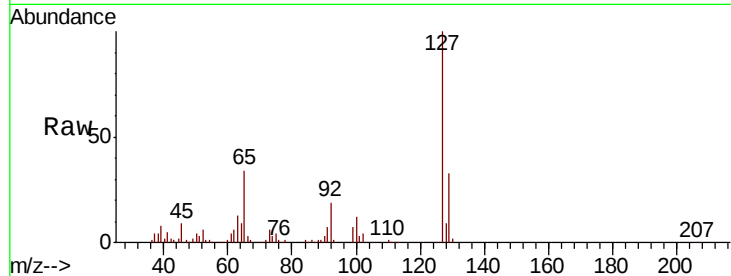
#33
4-Chloroaniline
Concen: 28.025 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	222727		
129	32.8	25.8	38.8	
65	33.6	26.7	40.1	
92	19.0	15.4	23.0	

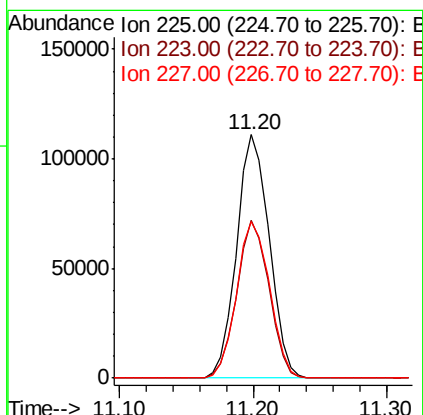
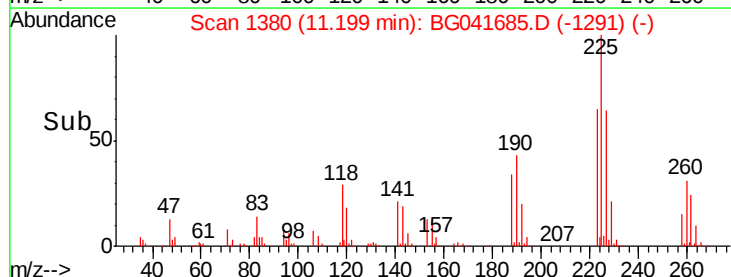
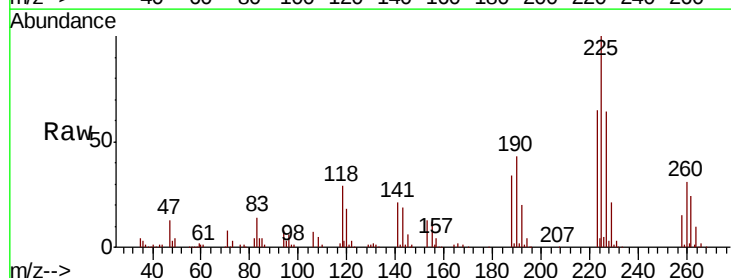
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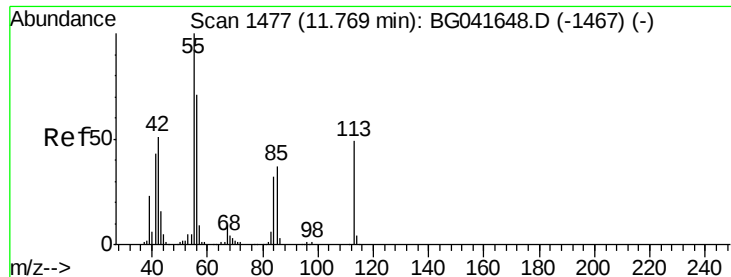
mohammad
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#34
Hexachlorobutadiene
Concen: 43.762 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187733		
223	64.6	51.1	76.7	
227	64.2	50.9	76.3	





#35

Caprolactam

Concen: 48.807 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleID :

PB121341BS

Tot Ion:113 Resp: 101976

Ion Ratio Lower Upper

113 100

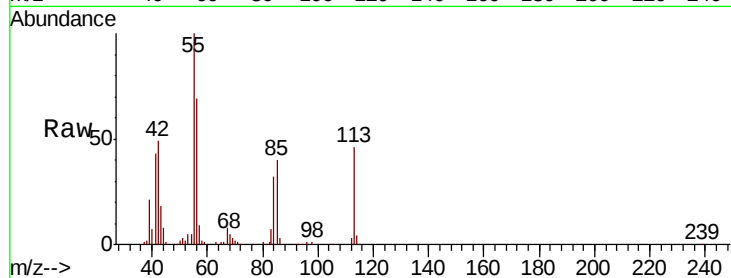
55 215.4 199.4 239.4

56 148.8 133.6 173.6

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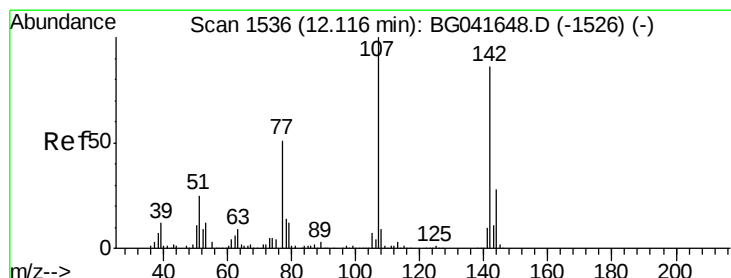
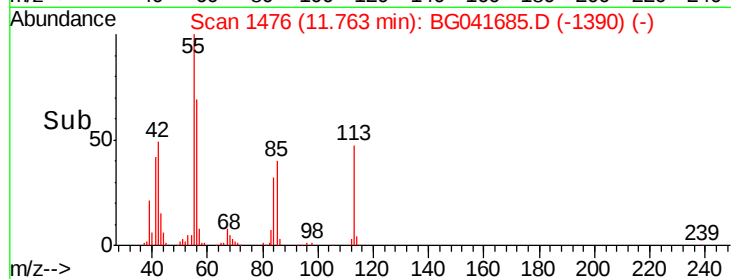
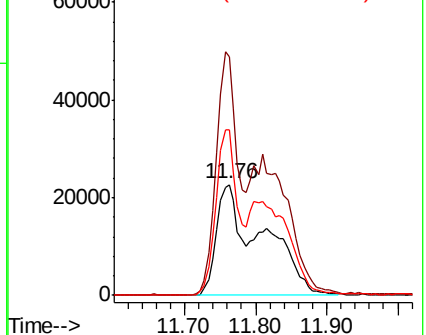
7/19/2019 2:24:39 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041685.D (-1390) (-)

Ion 56.00 (55.70 to 56.70): BG041685.D (-1390) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.634 ng/mL

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

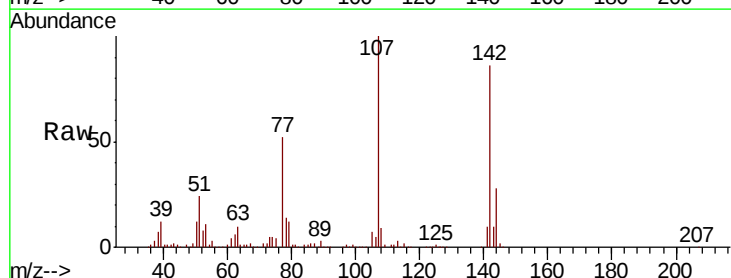
Tgt Ion:107 Resp: 289617

Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.2

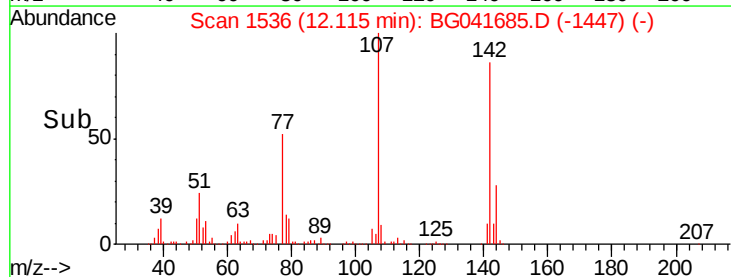
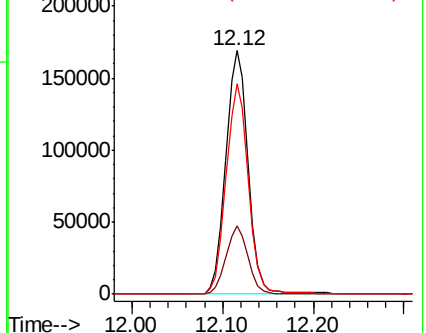
142 86.2 67.3 100.9

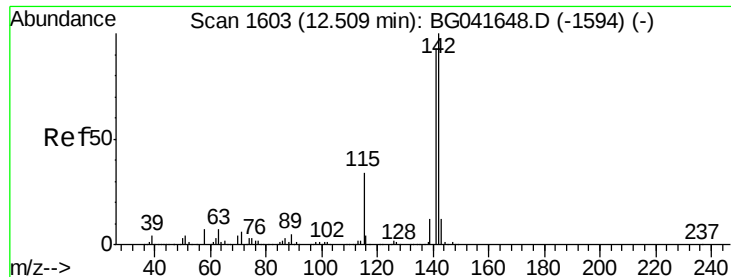


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





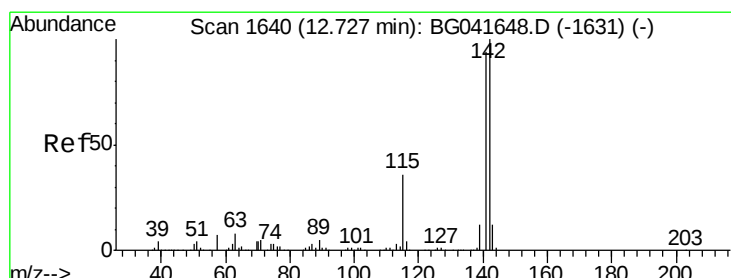
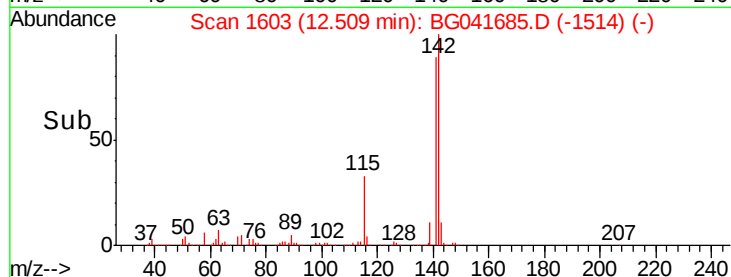
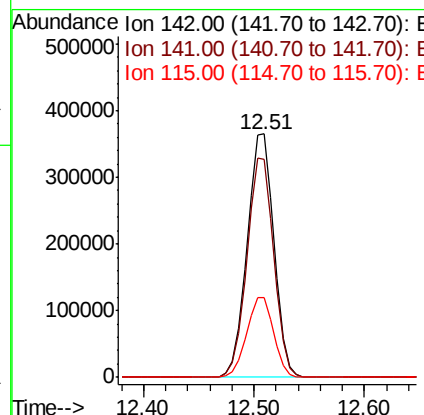
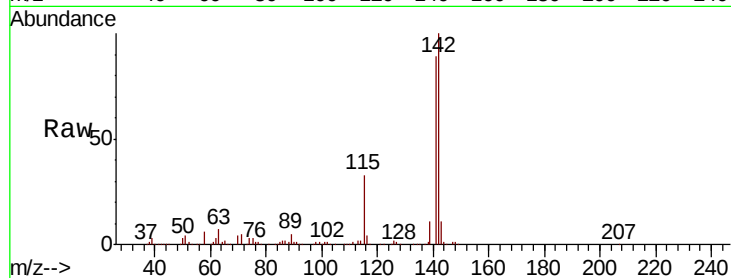
#37
2-Methylnaphthalene
Concen: 47.268 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1
115	32.7	27.0	40.4

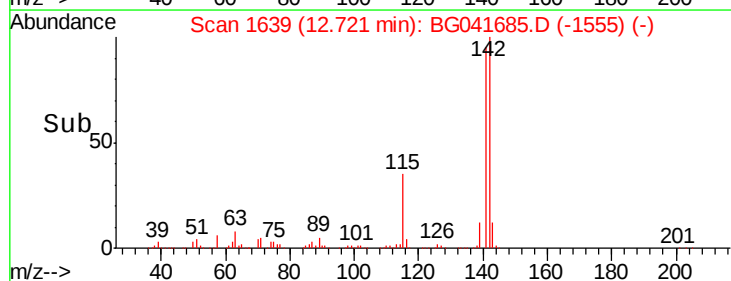
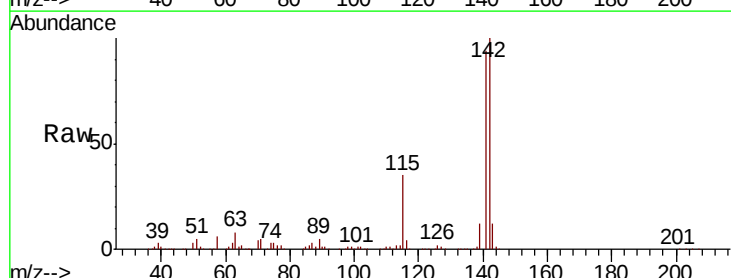
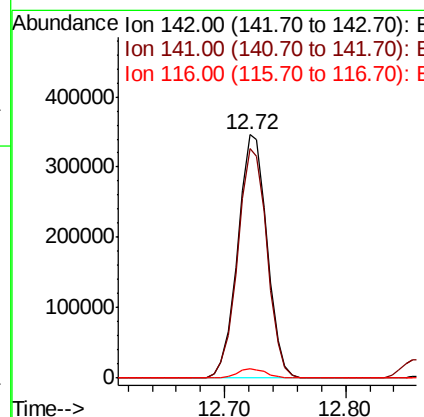
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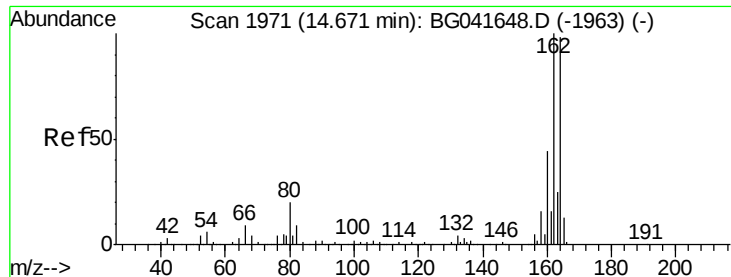
mohammad
7/19/2019 2:24:39 PM



#38
1-Methylnaphthalene
Concen: 46.556 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.4	113.2
116	3.9	3.2	4.8





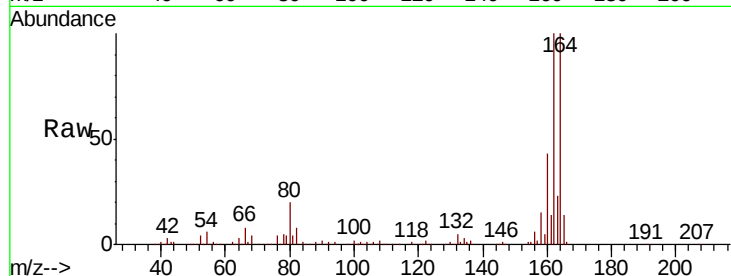
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.6	119.4
160	43.5	35.4	53.0

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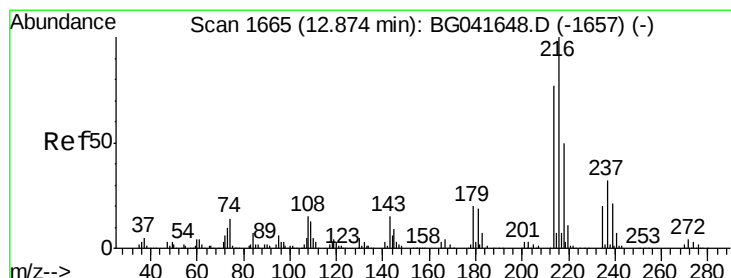
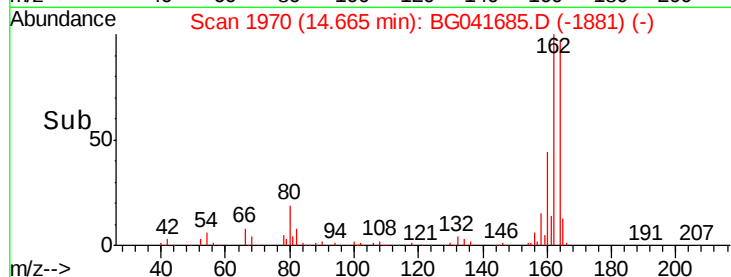
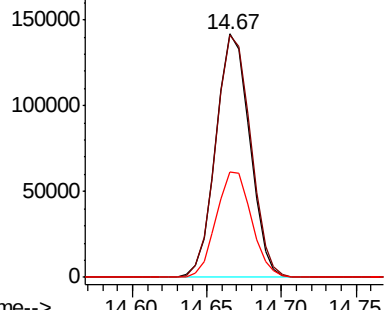


Abundance

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: 45.905 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.5	92.3
179	19.8	16.2	24.2
108	16.8	13.2	19.8

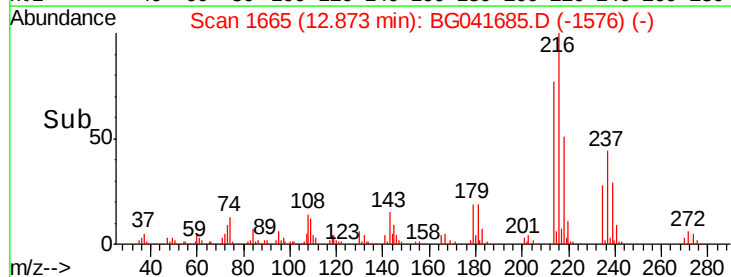
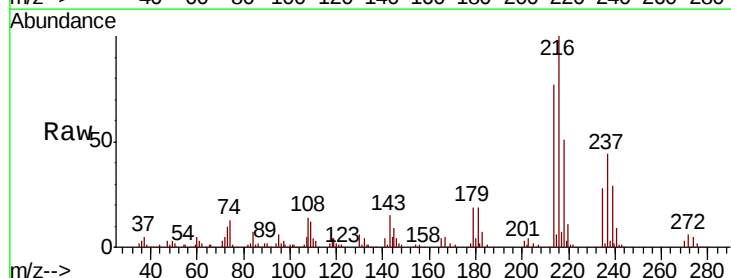
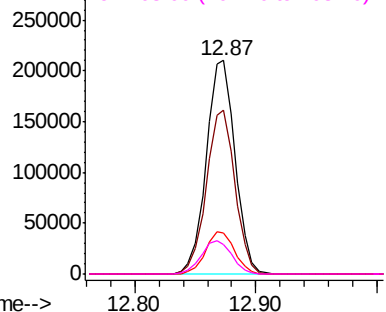
Abundance

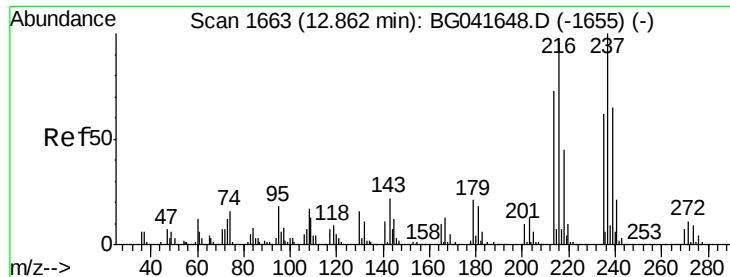
Ion 216.00 (215.70 to 216.70): E

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: 91.754 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

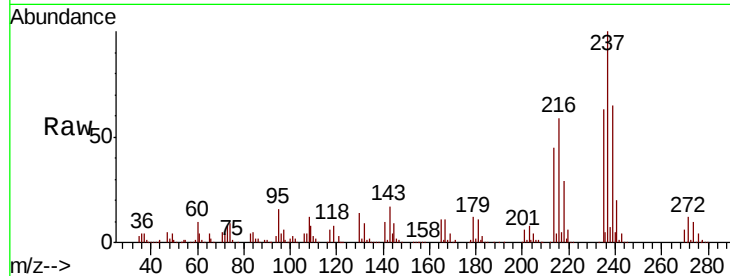
ClientSampleId :

PB121341BS

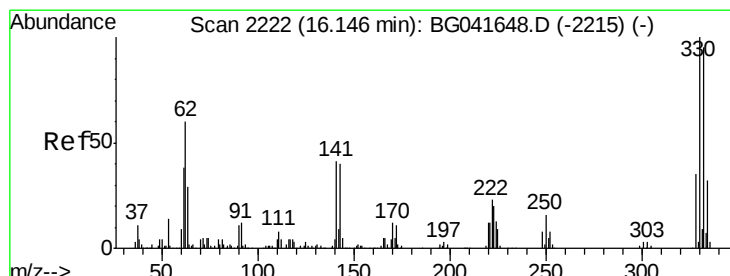
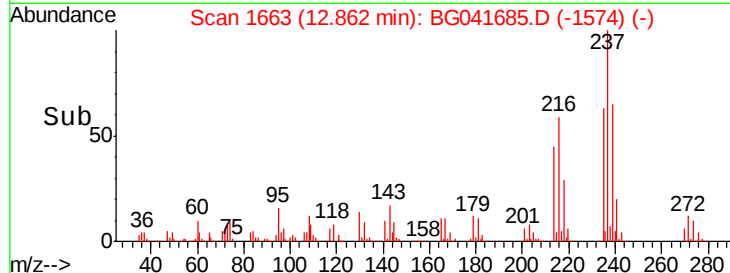
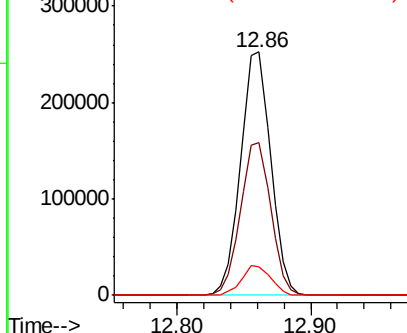
Tot Ion:	237	Resp:	394386
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.5	83.5
272	11.9	0.0	31.2

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



#42

2,4,6-Tribromophenol

Concen: 150.942 ng

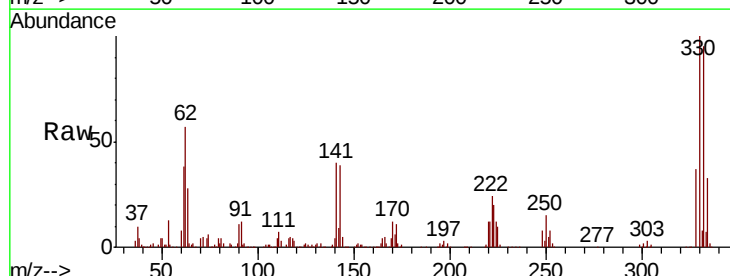
RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

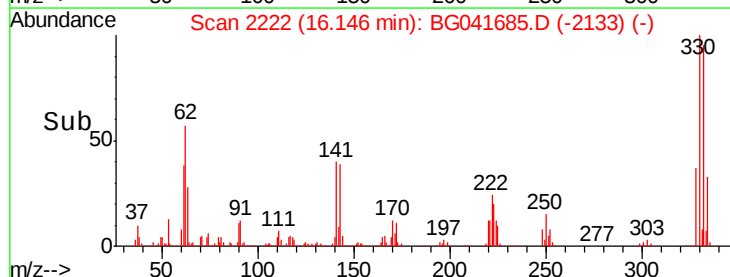
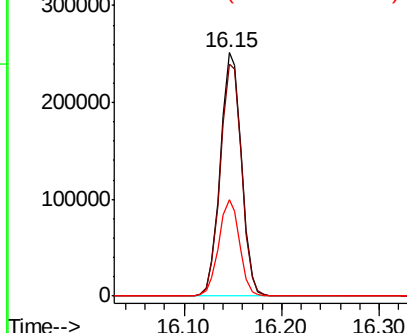
Lab File: BG041685.D

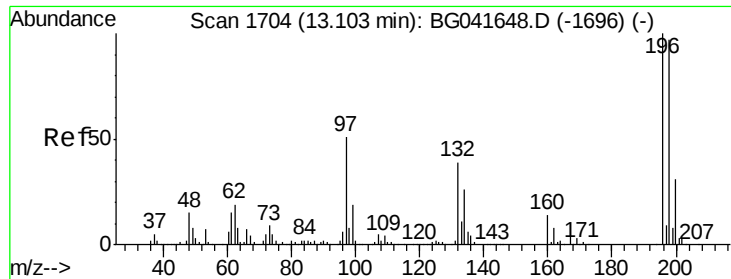
Acq: 17 Jul 2019 12:10

Tgt Ion:	330	Resp:	377351
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.0
141	39.1	31.9	47.9



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





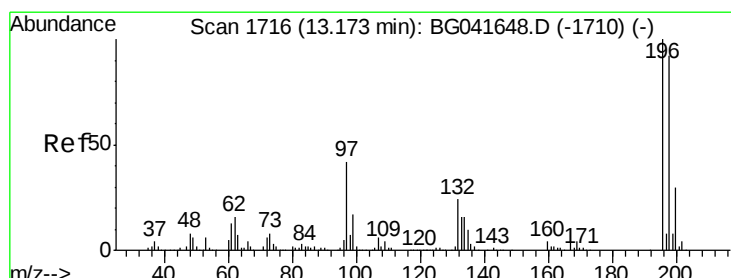
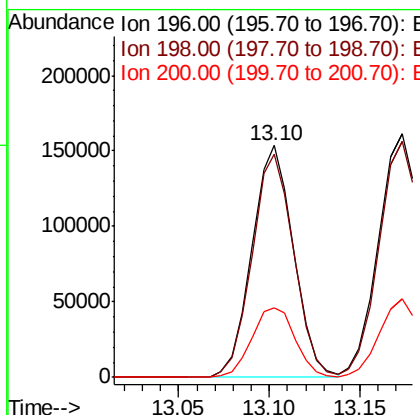
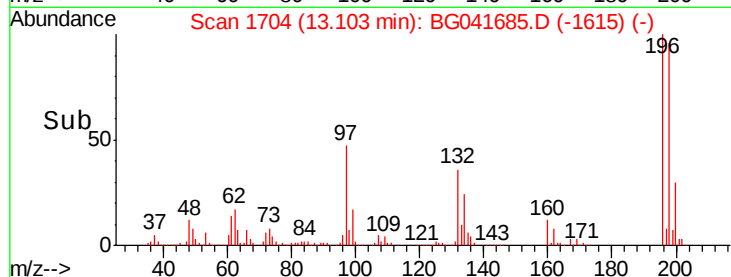
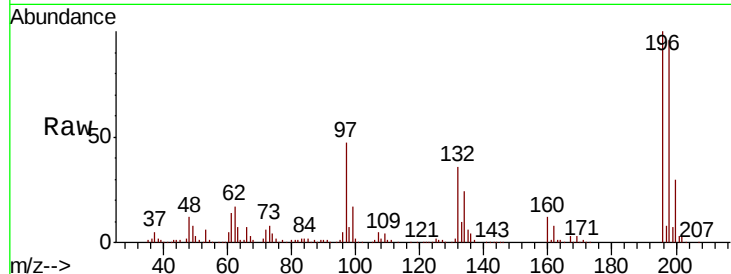
#43
 2,4,6-Trichlorophenol
 Concen: 49.518 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244477		
198	96.1	79.6	119.4	
200	30.1	25.2	37.8	

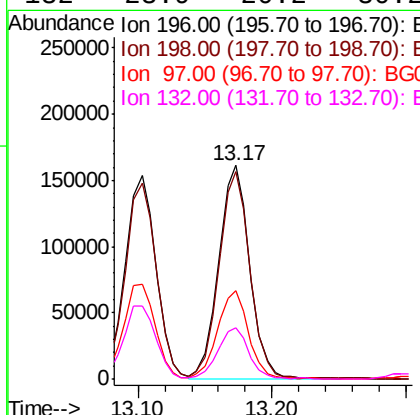
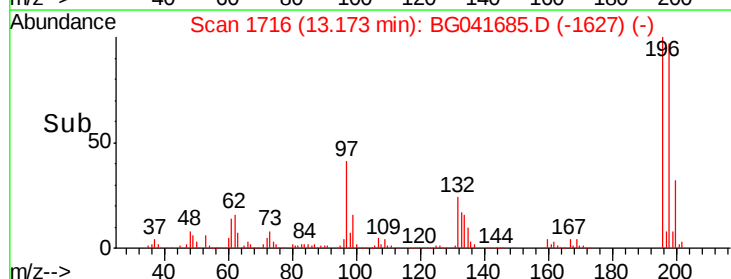
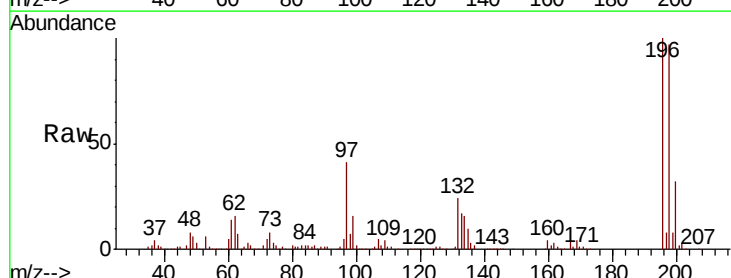
Manual Integrations
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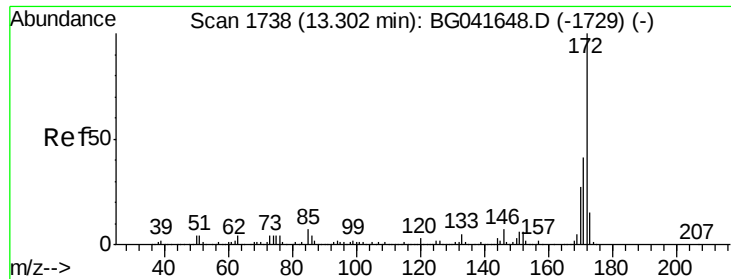
mohammad
 7/19/2019 2:24:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.296 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261631		
198	97.1	80.6	121.0	
97	41.3	33.9	50.9	
132	23.9	20.2	30.2	





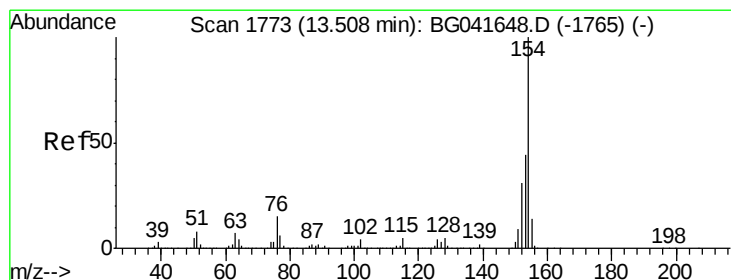
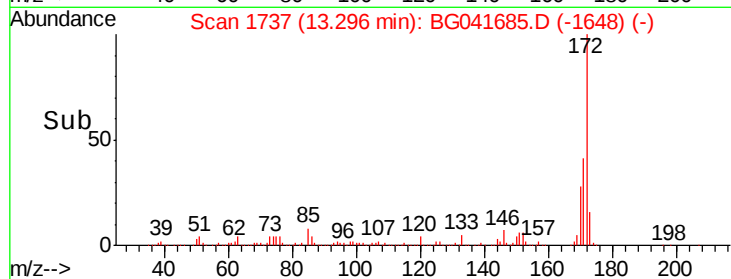
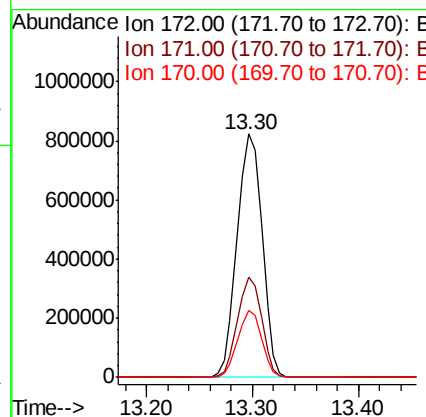
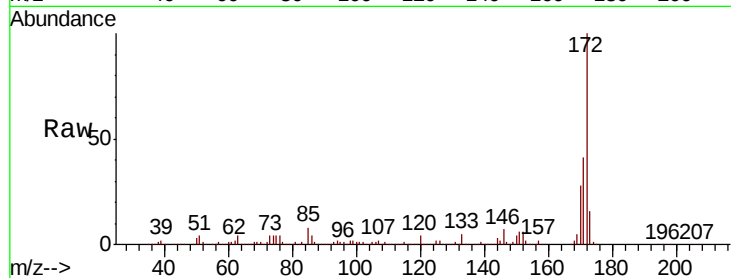
#45
2-Fluorobiphenyl
Concen: 94.124 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.0	52.4
170	27.5	23.5	35.3

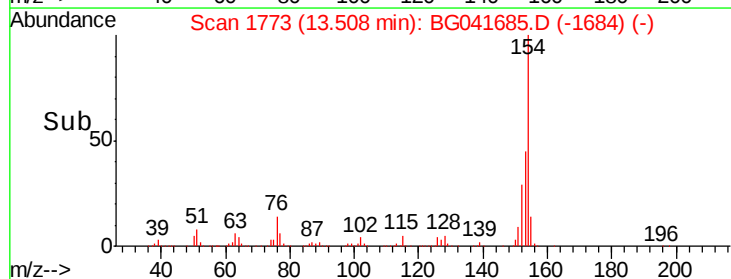
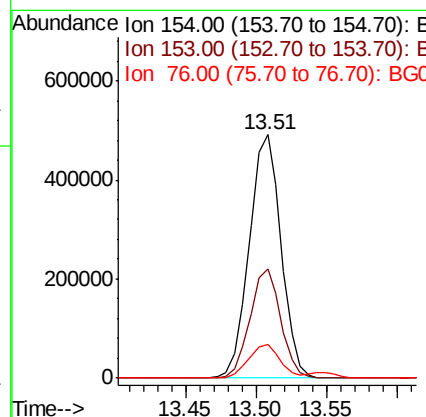
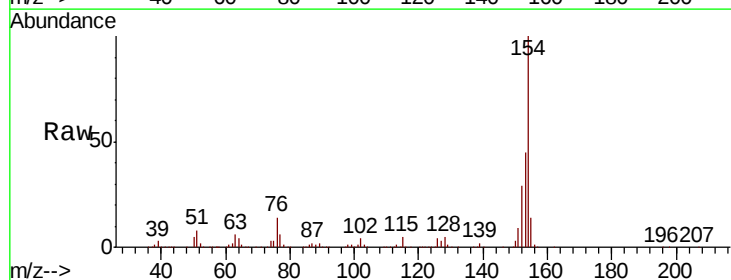
Manual Integrations
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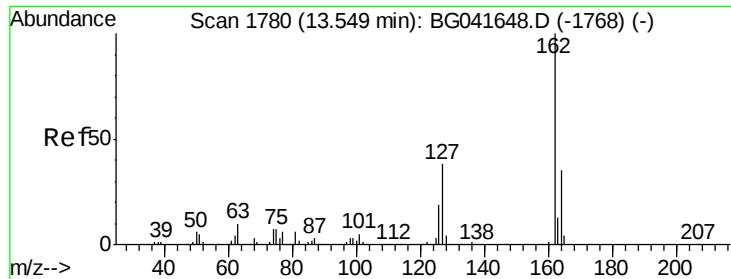
mohammad
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#46
1,1'-Biphenyl
Concen: 46.500 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.8	25.0	65.0
76	13.7	0.0	34.5





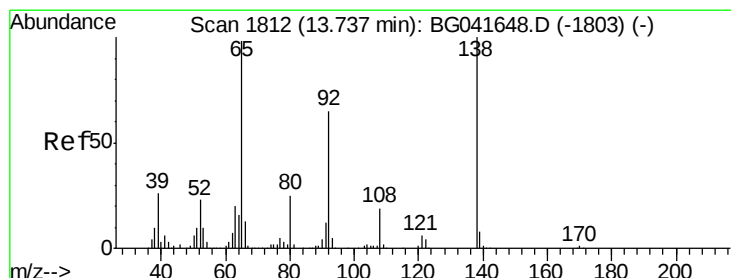
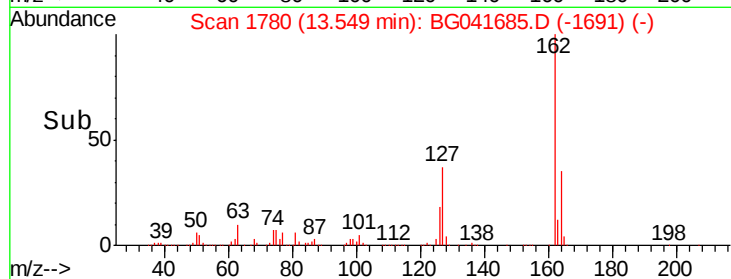
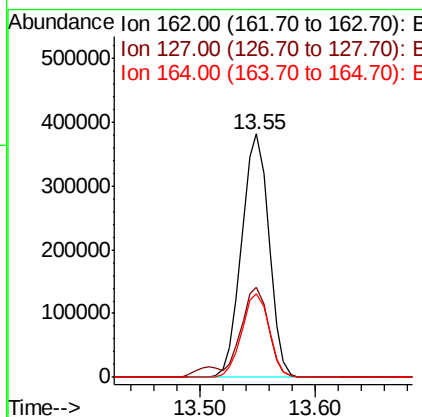
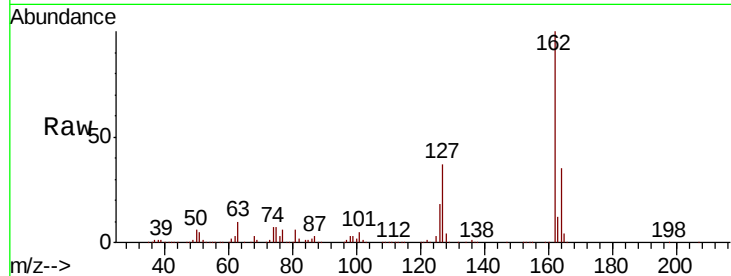
#47
2-Chloronaphthalene
Concen: 45.371 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	628415		
127	37.1		30.4	45.6
164	34.6		28.6	42.8

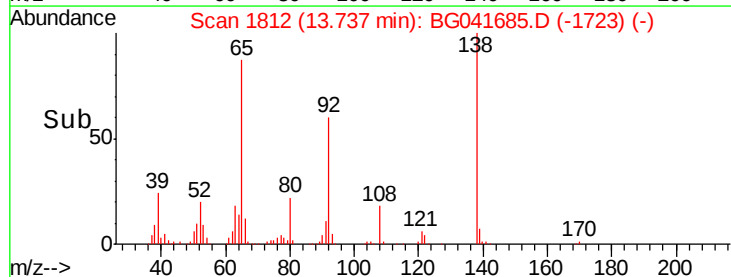
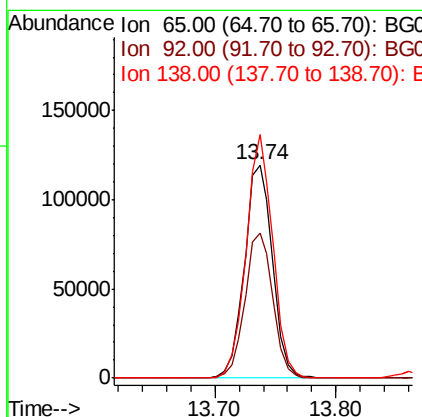
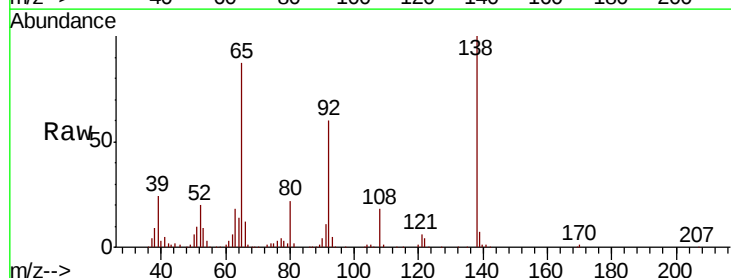
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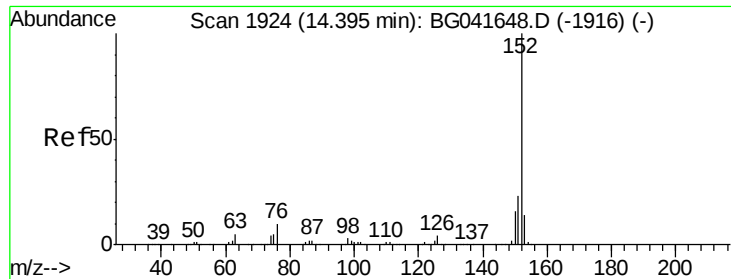
mohammad
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#48
2-Nitroaniline
Concen: 47.937 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193315		
92	68.3		53.9	80.9
138	114.3		83.5	125.3





#49

Acenaphthylene

Concen: 46.195 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

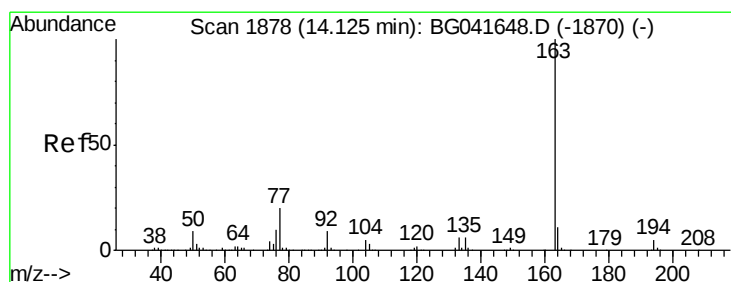
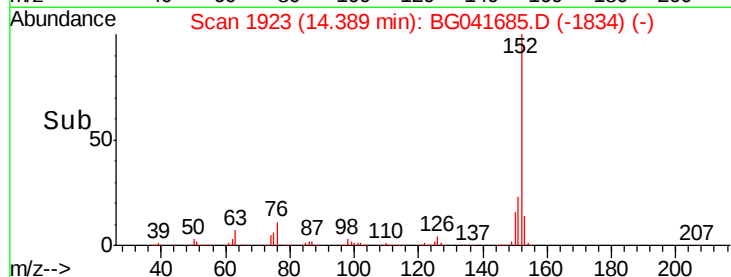
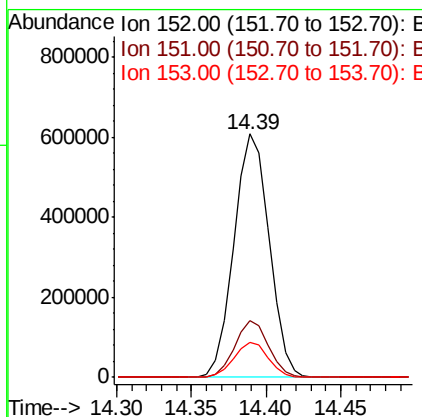
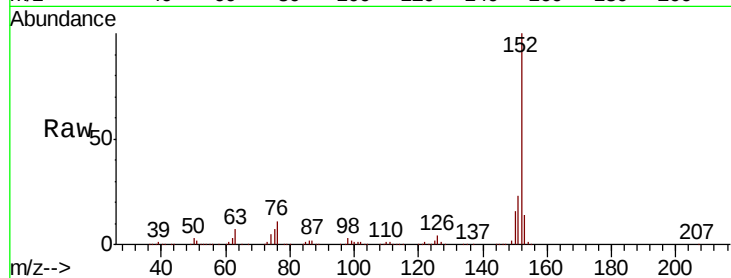
ClientSampleId :

PB121341BS

Tot Ion:	152	Resp:	998839
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.7	28.1
153	14.4	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.773 ng

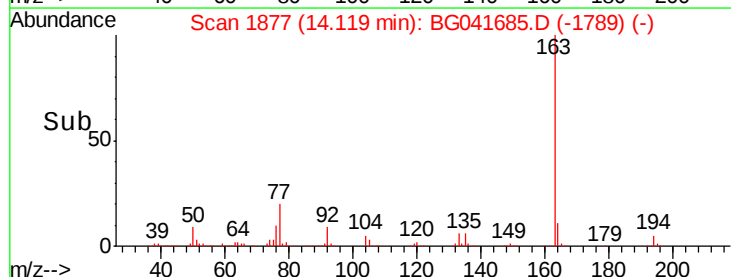
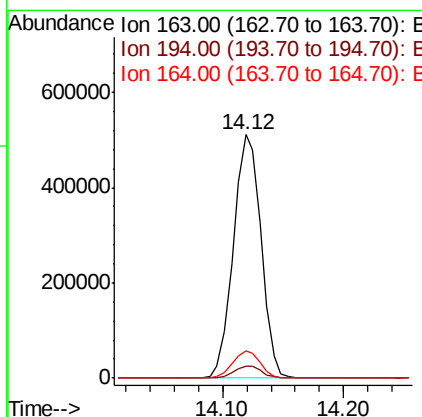
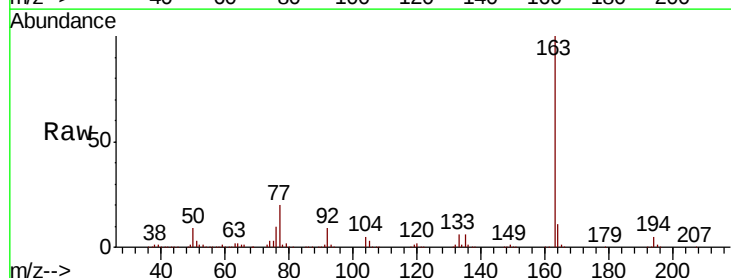
RT: 14.12 min Scan# 1877

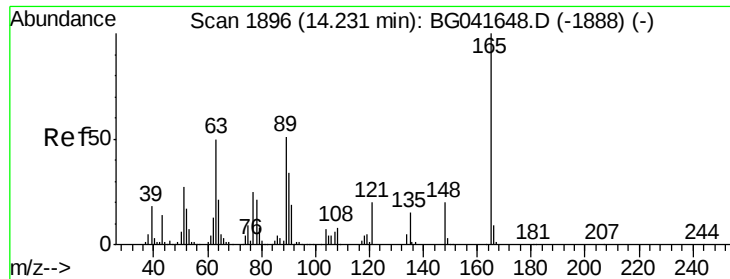
Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion:	163	Resp:	814884
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.2
164	11.2	9.4	14.2





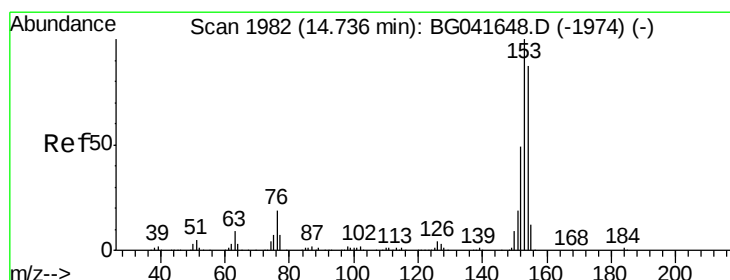
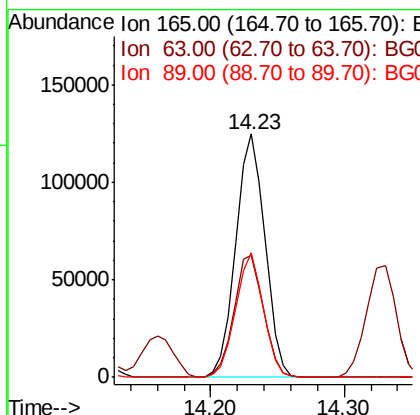
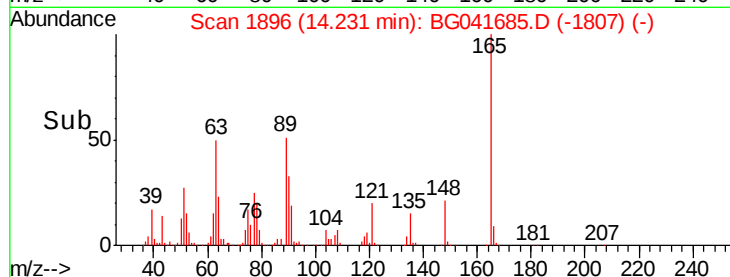
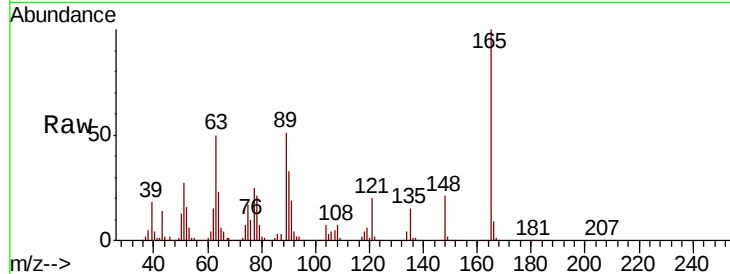
#51
2,6-Dinitrotoluene
Concen: 51.181 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	189136		
63	50.3	42.4	63.6	
89	51.1	42.1	63.1	

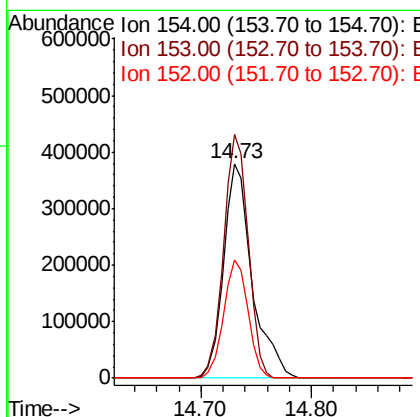
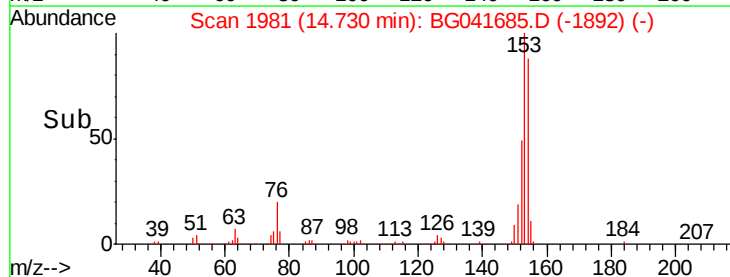
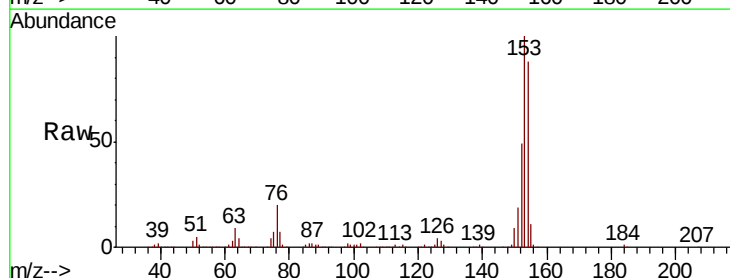
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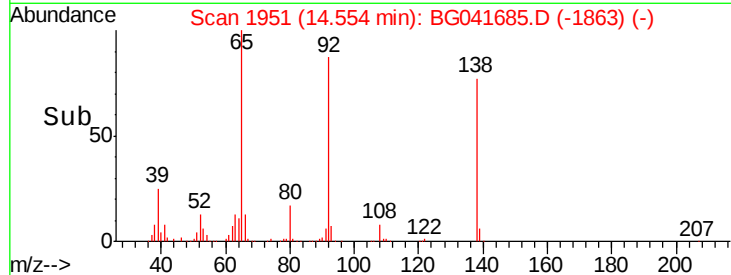
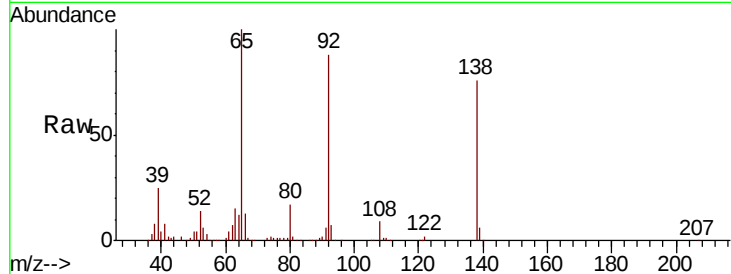
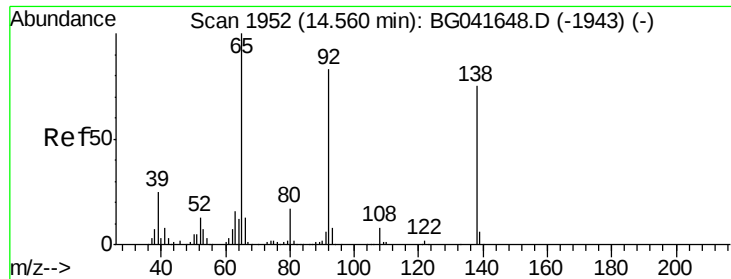
mohammad
7/19/2019 2:24:39 PM



#52
Acenaphthene
Concen: 50.347 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	686020		
153	113.7	89.8	134.6	
152	55.3	44.9	67.3	





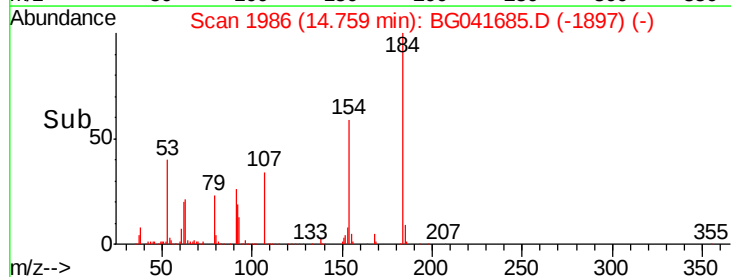
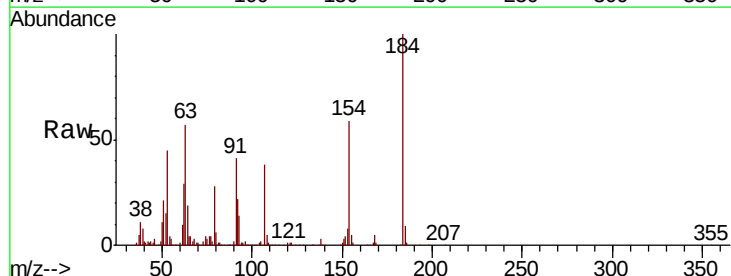
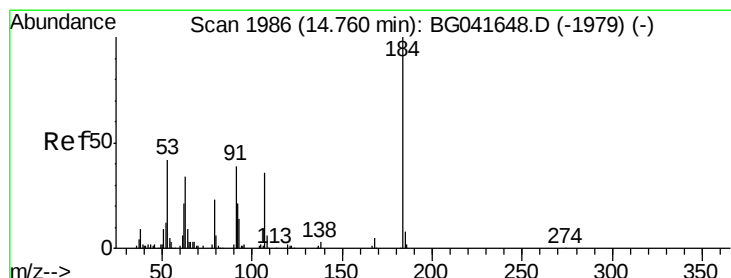
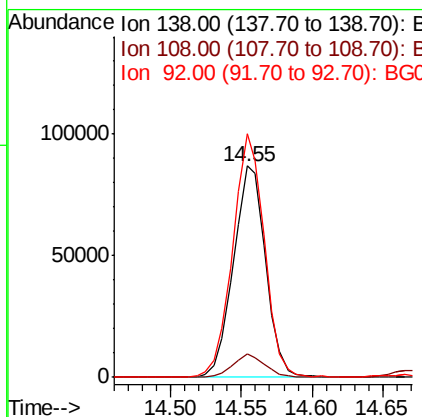
#53
3-Nitroaniline
Concen: 34.284 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.3	15.5
92	115.4	93.0	139.4

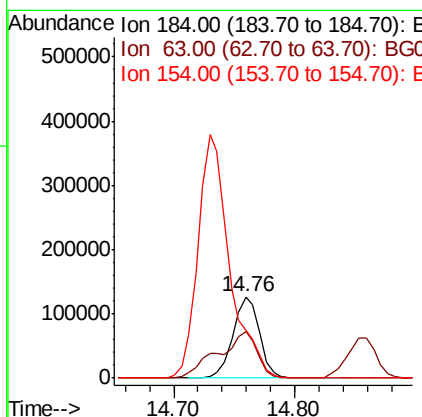
Manual Integrations
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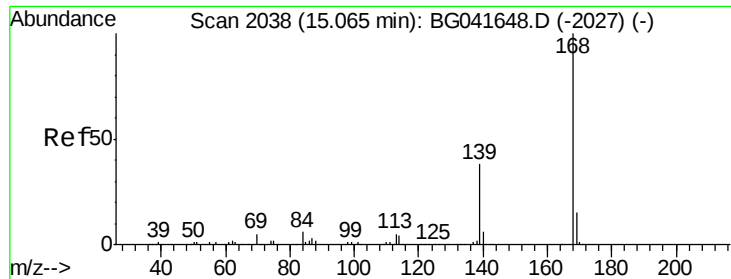
mohammad
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#54
2,4-Dinitrophenol
Concen: 101.052 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	43.2	64.8
154	58.8	51.4	77.2





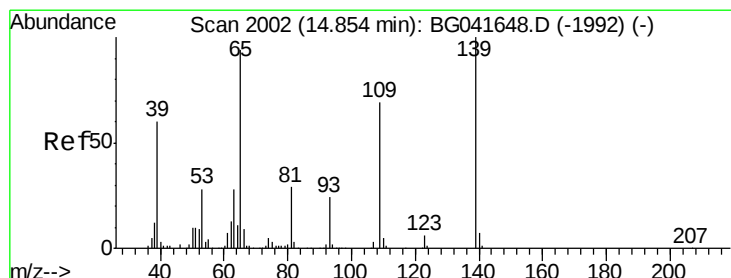
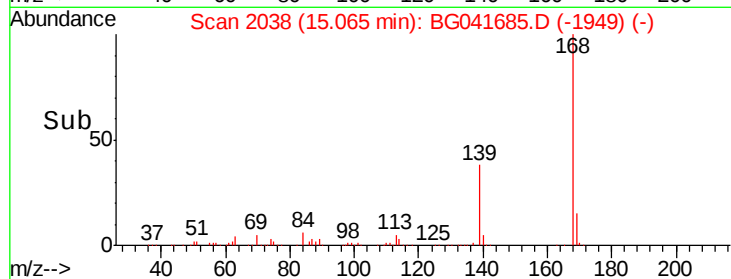
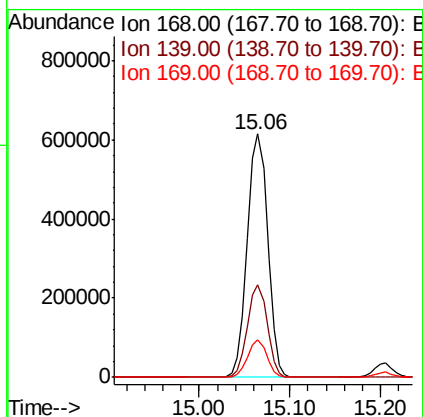
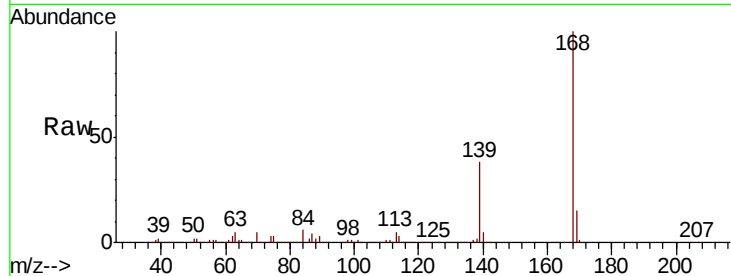
#55
Dibenzenofuran
Concen: 47.008 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.9	47.9
169	15.4	12.5	18.7

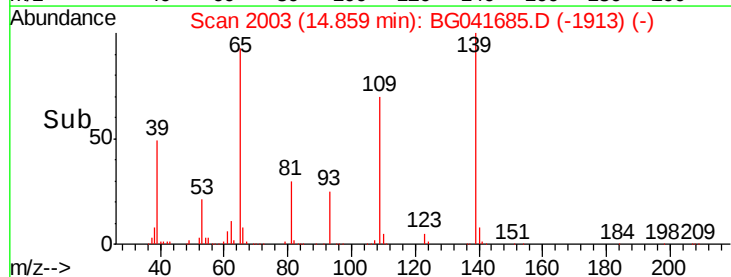
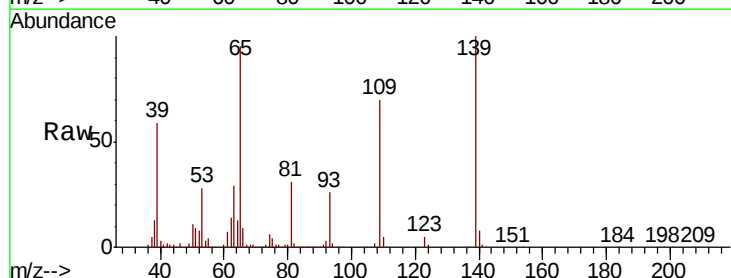
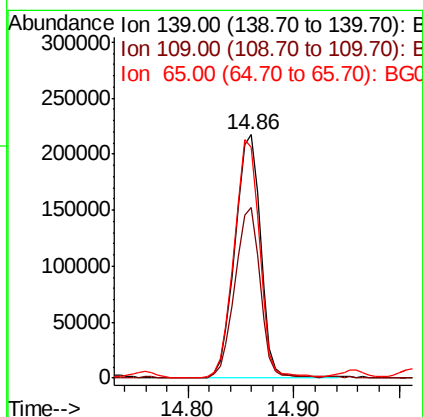
Manual Integrations
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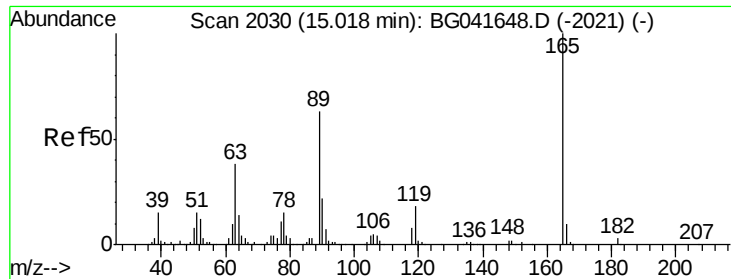
mohammad
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#56
4-Nitrophenol
Concen: 111.949 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	51.3	91.3
65	94.6	77.6	117.6





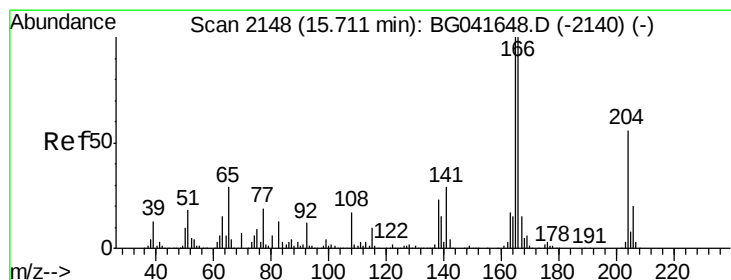
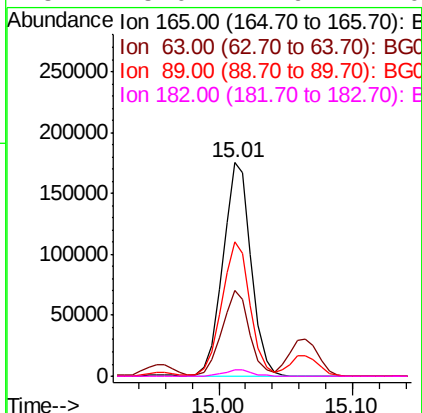
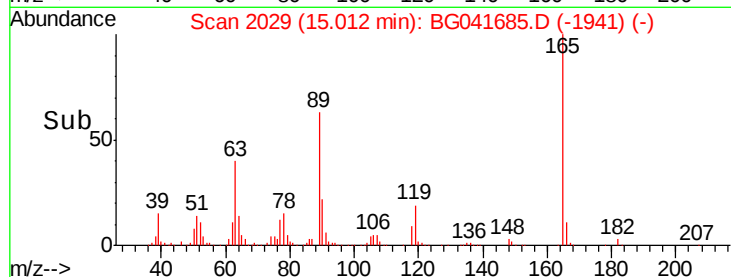
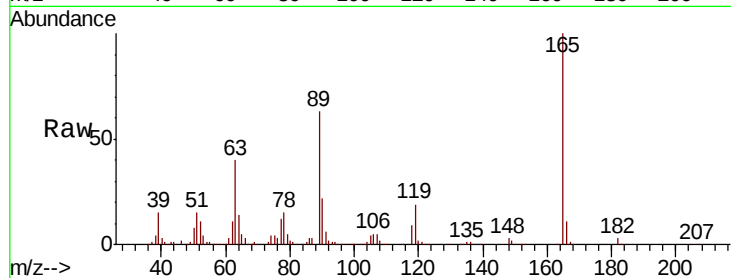
#57
2,4-Dinitrotoluene
Concen: 52.932 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258571		
63	40.3	31.7	47.5	
89	62.9	50.2	75.4	
182	3.0	2.6	4.0	

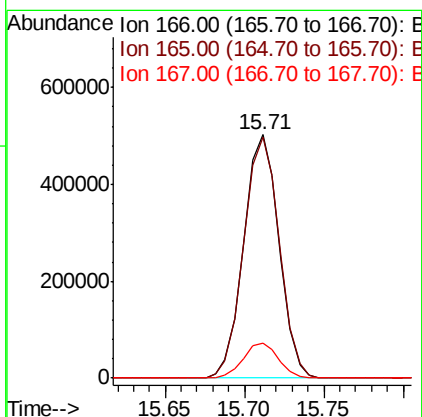
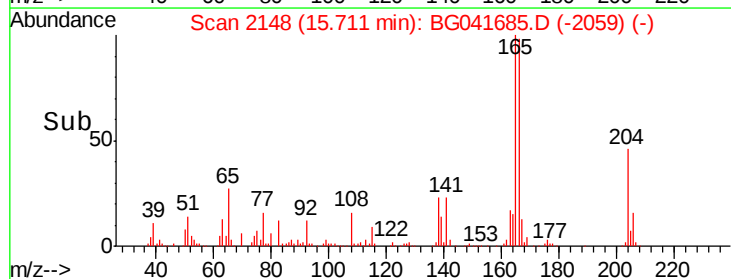
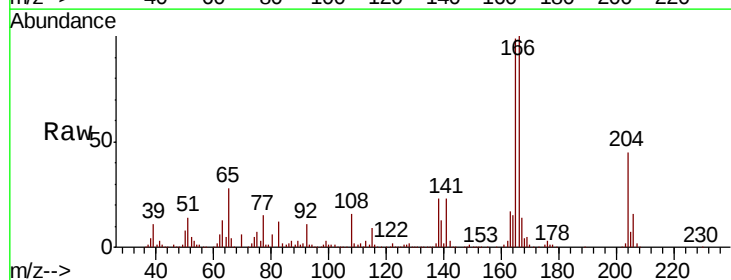
Manual Integrations
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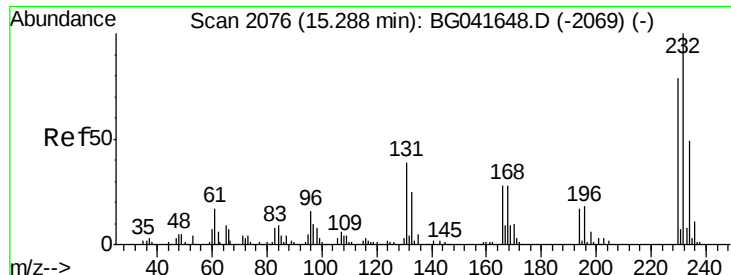
mohammad
7/19/2019 2:24:39 PM



#58
Fluorene
Concen: 46.678 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	776595		
165	99.1	80.5	120.7	
167	14.2	12.4	18.6	





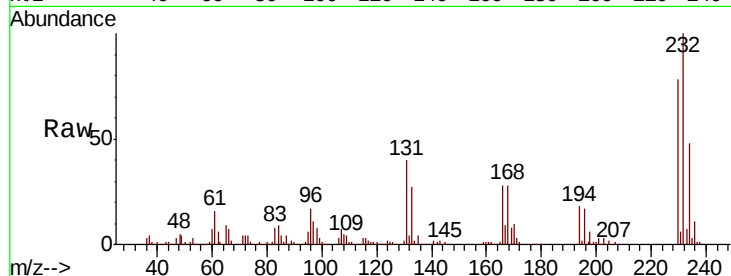
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.312 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	251217		
131	38.0		31.8	47.6
130	2.2		1.8	2.8
166	27.9		23.5	35.3

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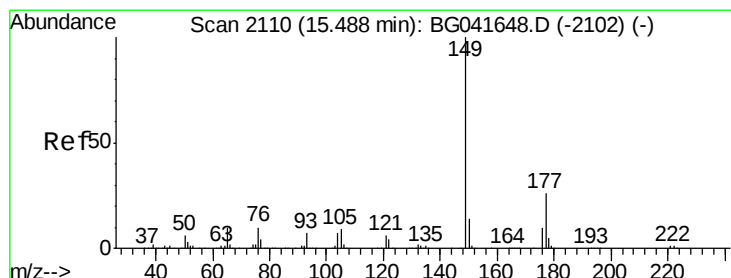
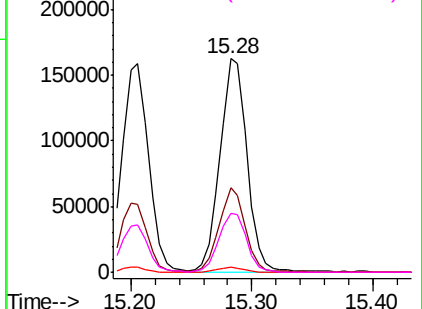
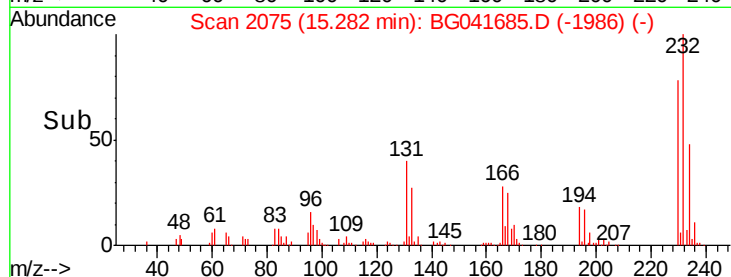
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

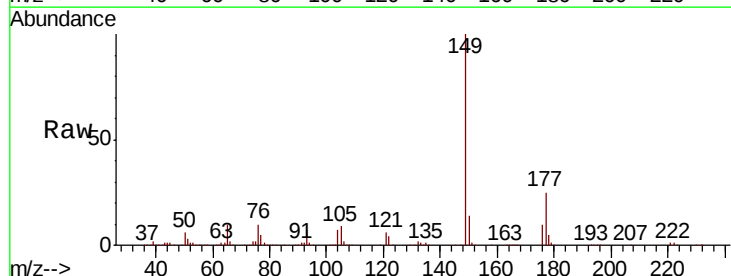
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.589 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	817709		
177	25.5		20.7	31.1
150	13.8		11.5	17.3

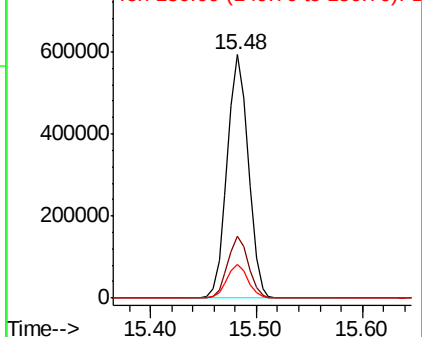
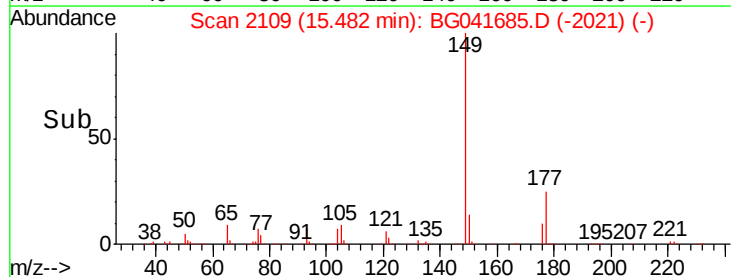


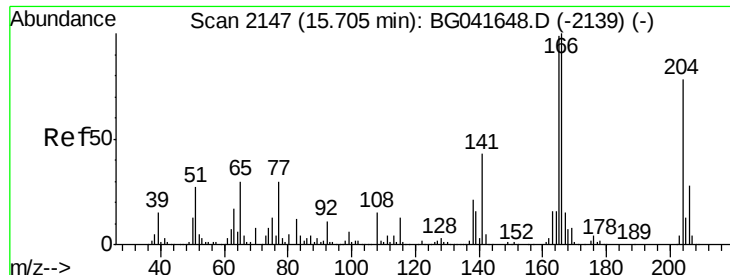
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





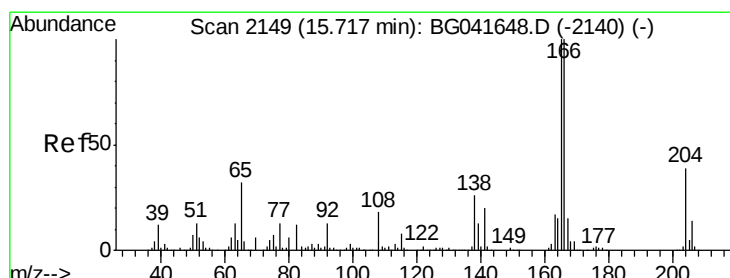
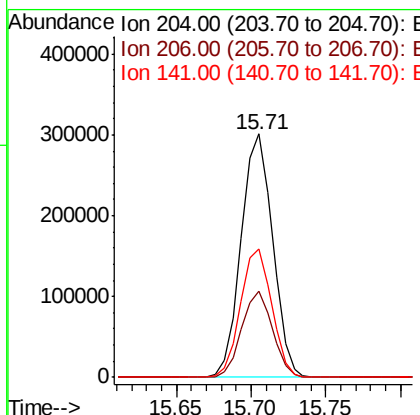
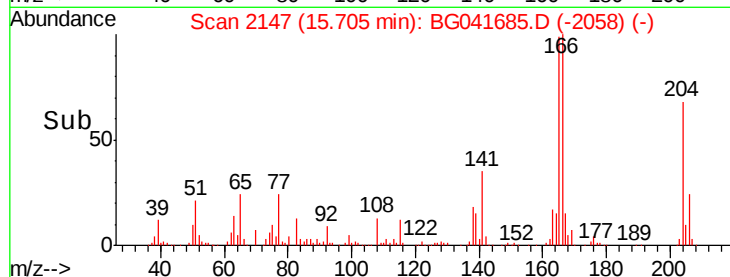
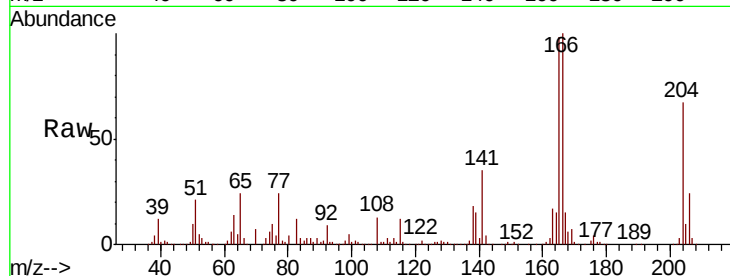
#61
 4-Chlorophenyl-phenylether
 Concen: 46.769 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	439839		
206	35.4	28.6	42.8	
141	52.5	42.9	64.3	

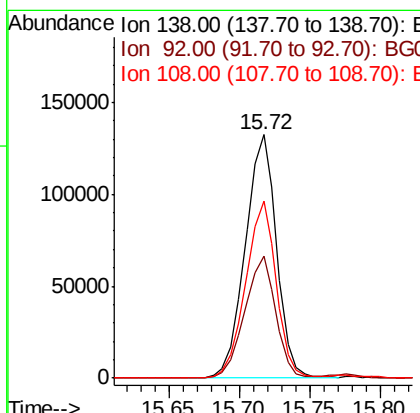
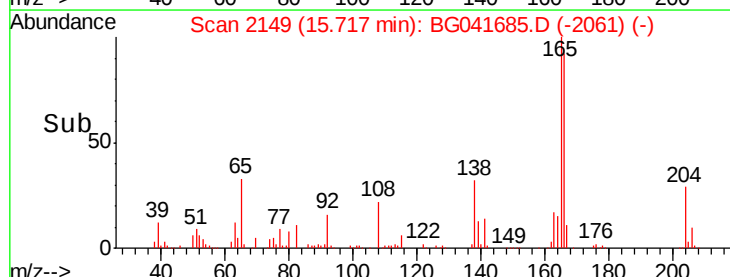
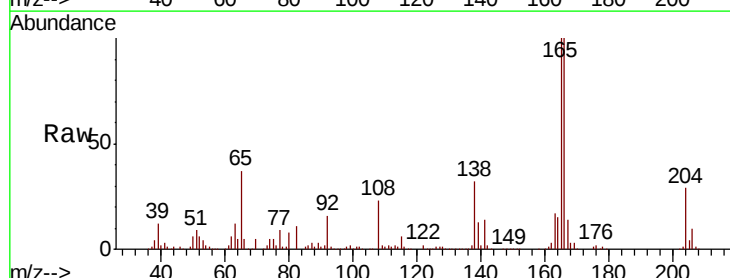
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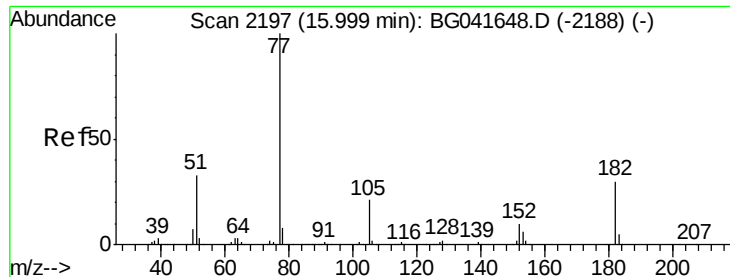
mohammad
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#62
 4-Nitroaniline
 Concen: 48.178 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	206122		
92	50.2	29.8	69.8	
108	73.0	52.2	92.2	





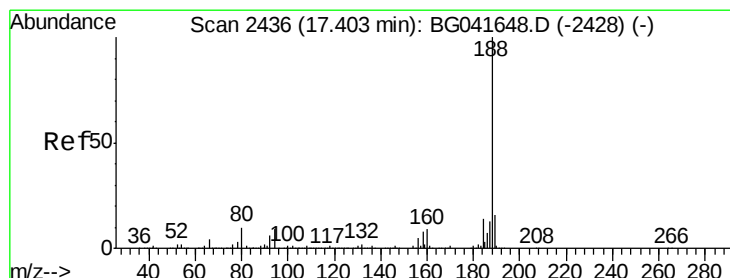
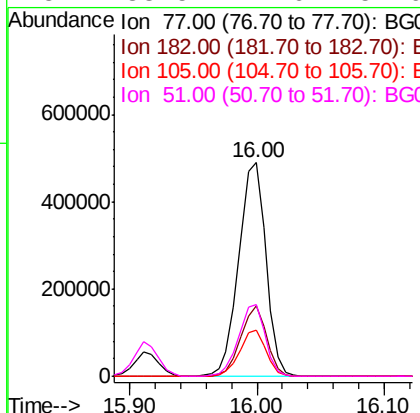
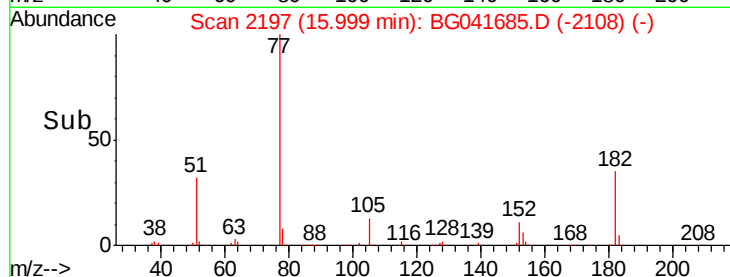
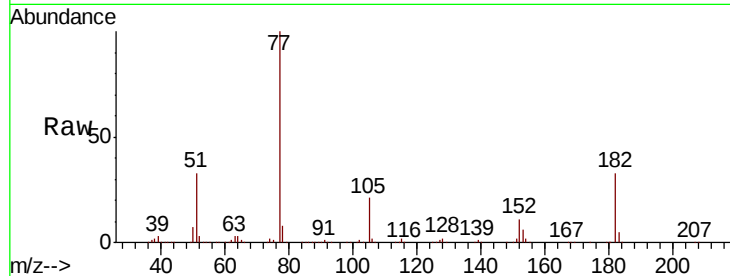
#63
Azobenzene
Concen: 45.889 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		728167		
182	33.1	13.2	53.2		
105	21.4	2.2	42.2		
51	33.5	14.6	54.6		

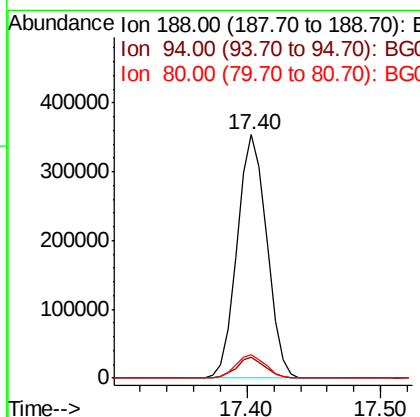
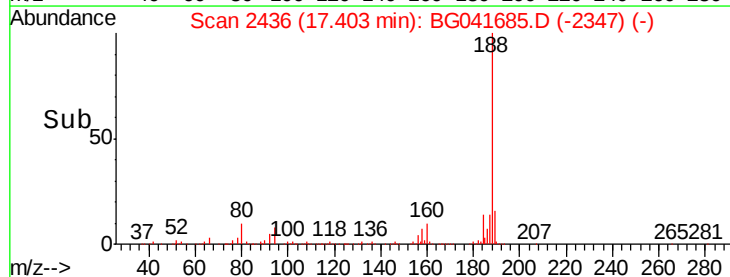
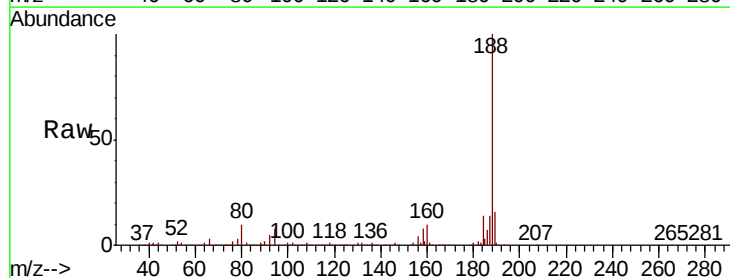
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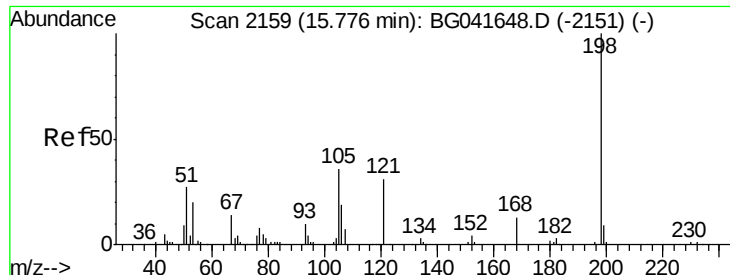
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		543323		
94	8.3	6.9	10.3		
80	9.8	8.0	12.0		





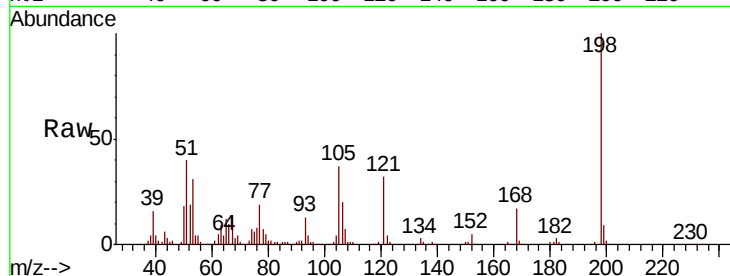
#65
4,6-Dinitro-2-methylphenol
Concen: 52.588 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137550		
51	40.0	22.3	62.3	
105	37.3	18.0	58.0	

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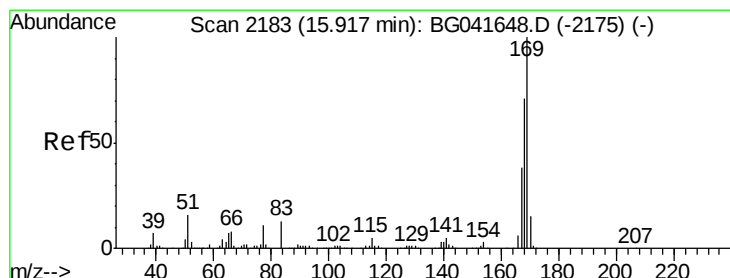
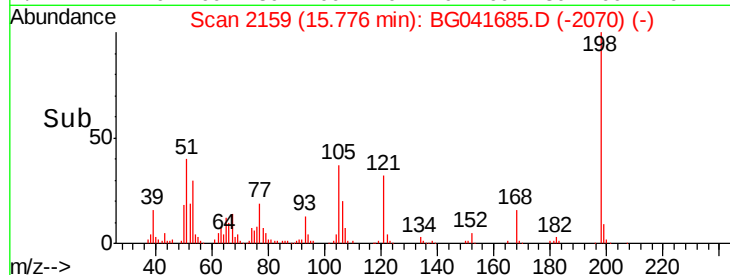
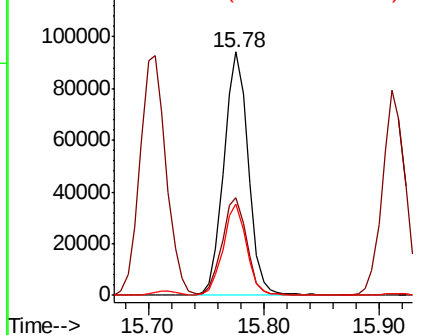


Abundance

Ion 198.00 (197.70 to 198.70): E

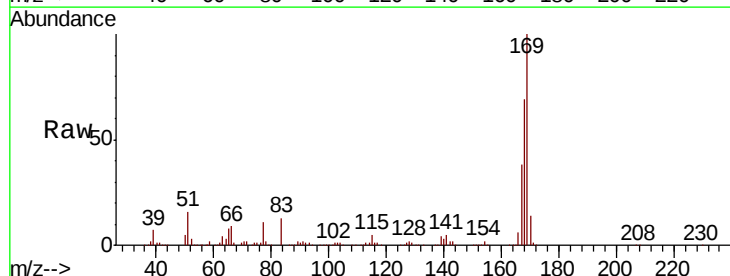
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 45.785 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	730522		
168	69.2	56.9	85.3	
167	38.1	31.5	47.3	

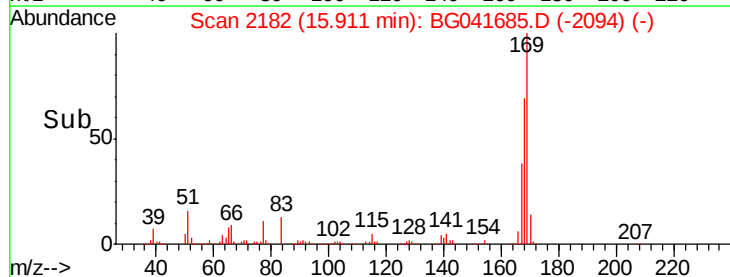
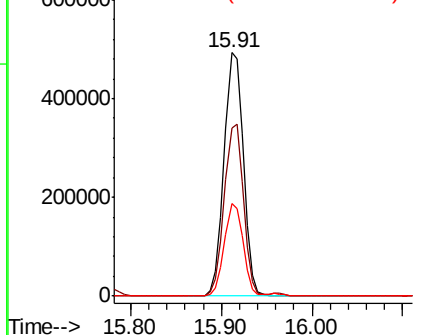


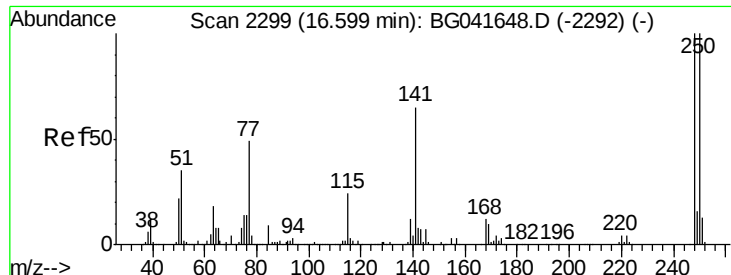
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





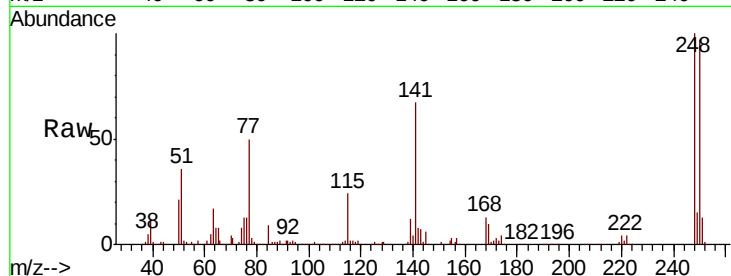
#67
 4-Bromophenyl-phenylether
 Concen: 45.019 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampled :
 PB121341BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.1	117.1
141	66.7	49.6	74.4

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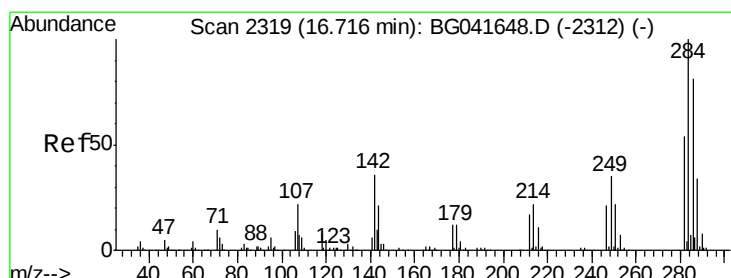
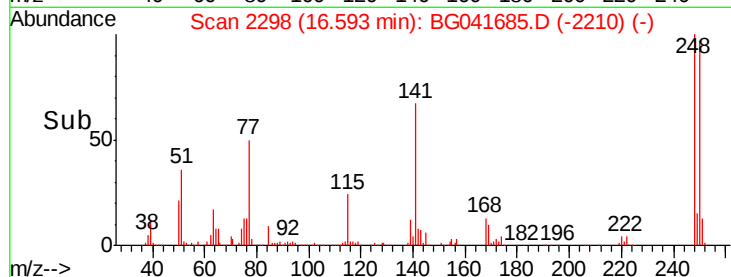
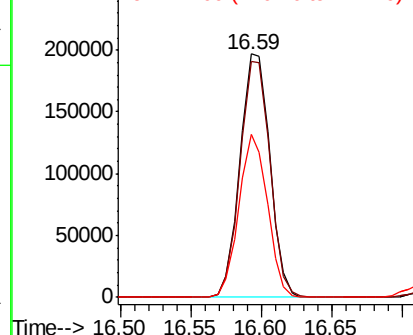


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.966 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

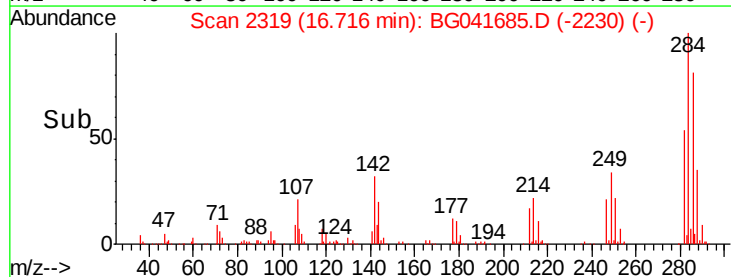
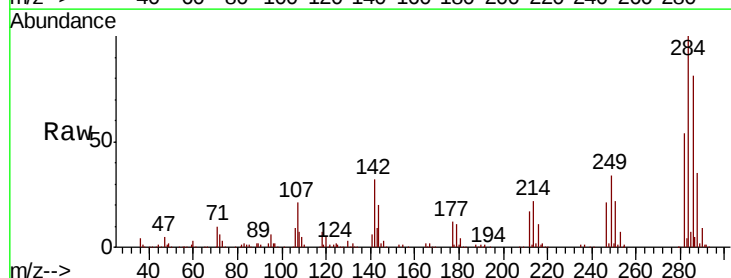
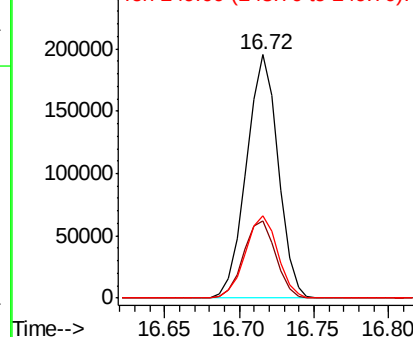
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	27.0	40.6
249	33.9	28.4	42.6

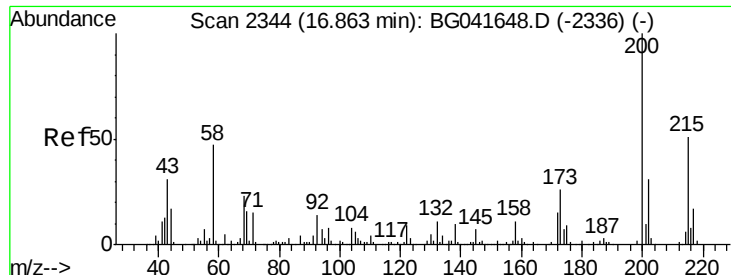
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





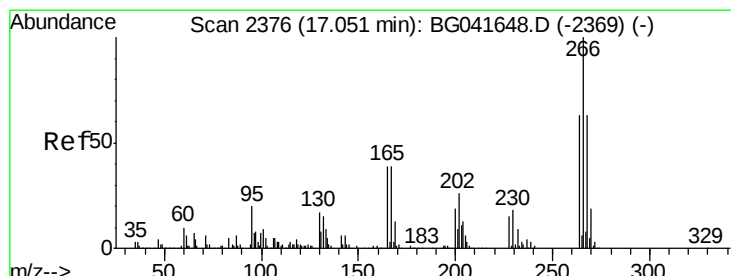
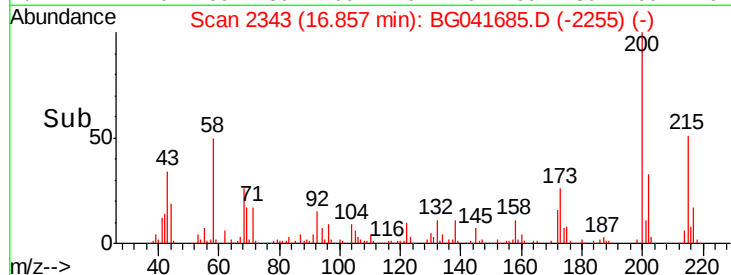
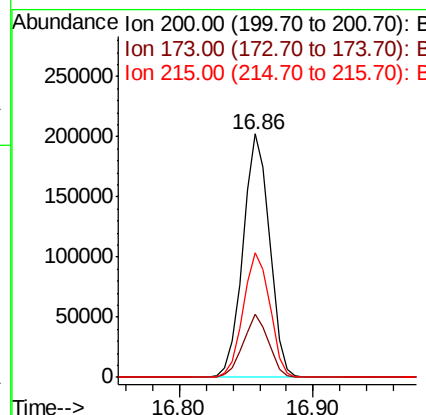
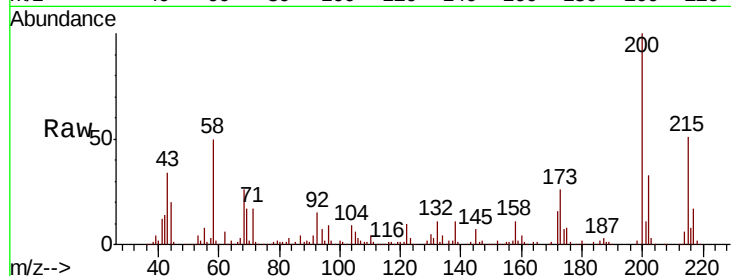
#69
Atrazine
Concen: 47.866 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	277154		
173	26.1	5.3	45.3	
215	51.0	31.8	71.8	

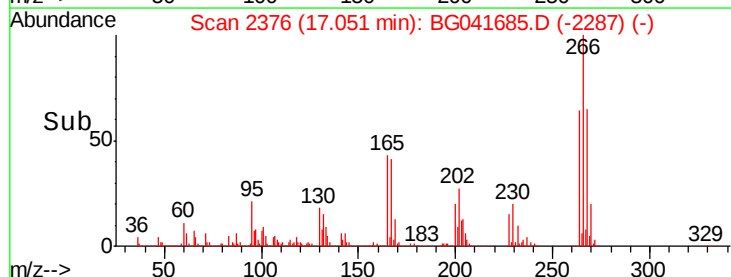
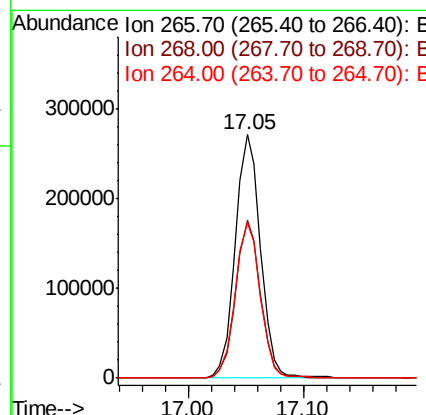
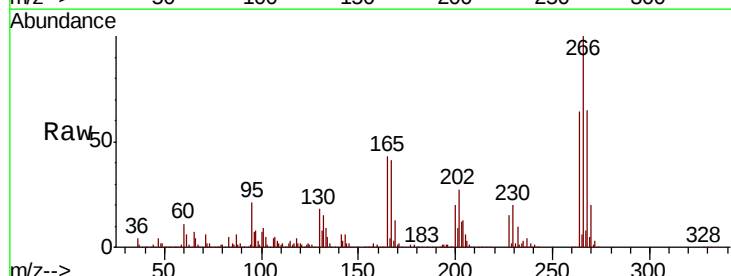
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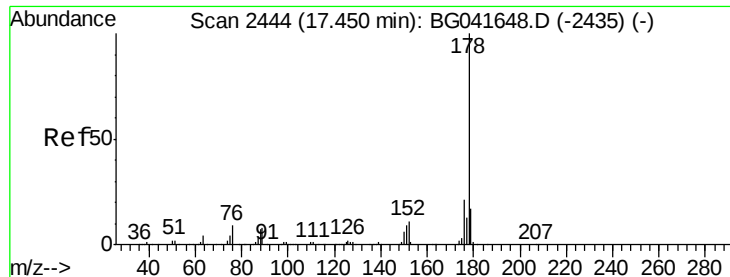
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#70
Pentachlorophenol
Concen: 100.894 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	410685		
268	64.6	52.9	79.3	
264	63.9	51.4	77.2	





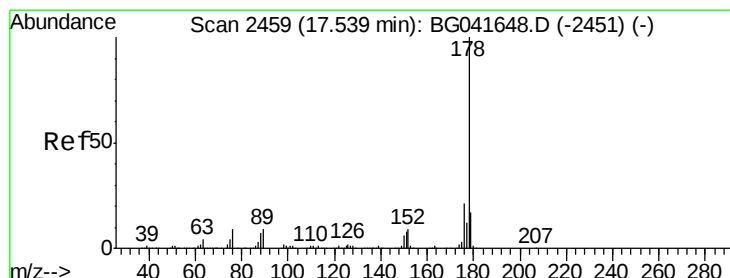
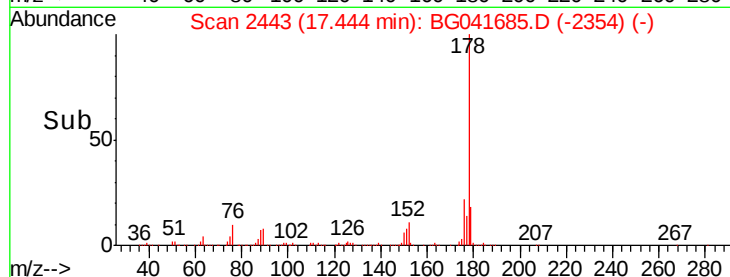
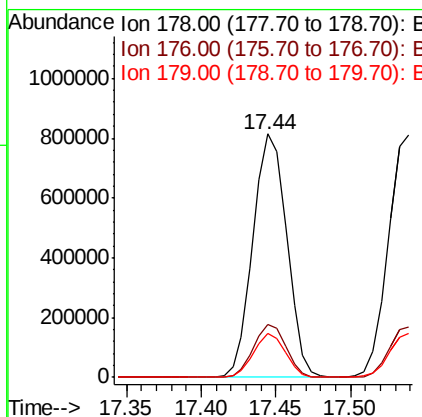
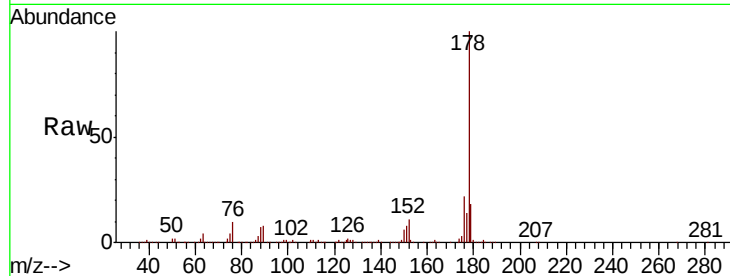
#71
Phenanthrene
Concen: 46.647 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleID :
PB121341BS

Tot Ion:178 Resp: 1276346
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 18.1 15.4 23.0

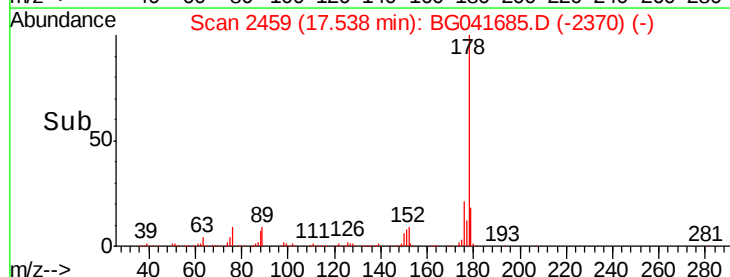
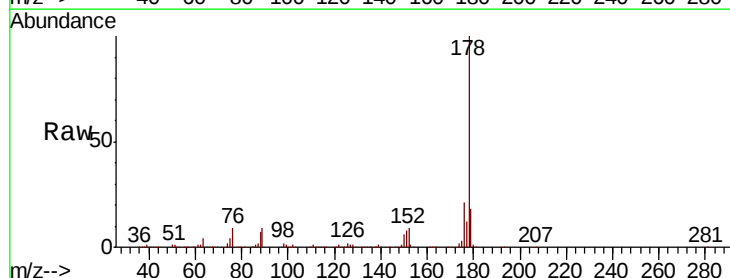
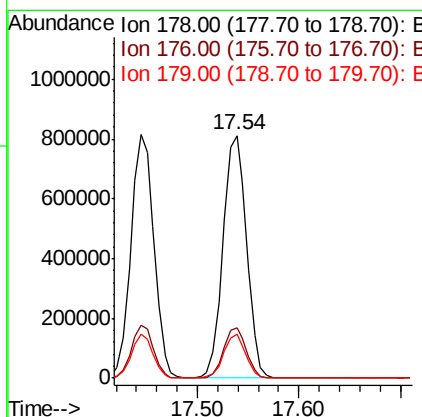
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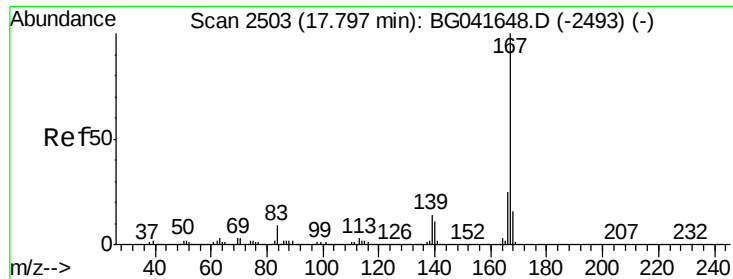
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#72
Anthracene
Concen: 47.630 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:178 Resp: 1299074
Ion Ratio Lower Upper
178 100
176 20.8 18.6 28.0
179 17.9 15.1 22.7





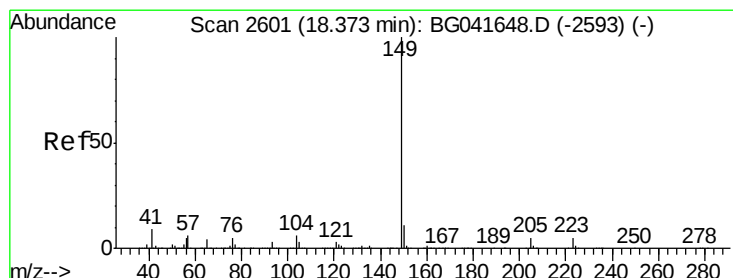
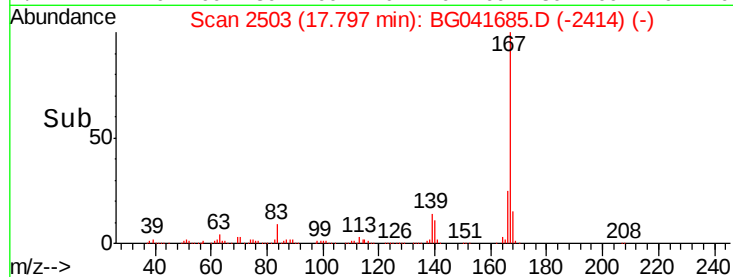
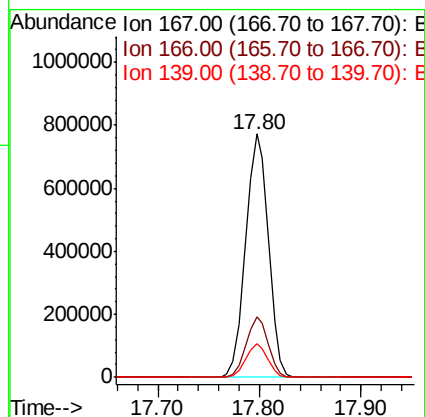
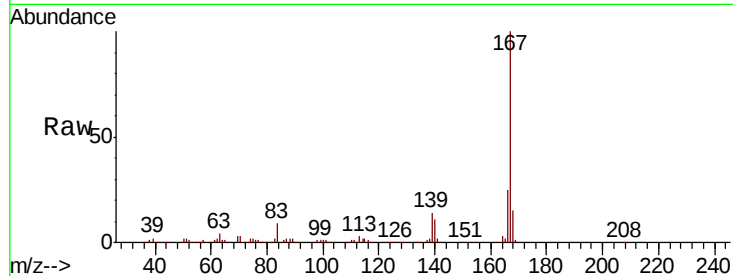
#73
 Carbazole
 Concen: 47.378 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.4	32.2
139	14.1	12.1	18.1

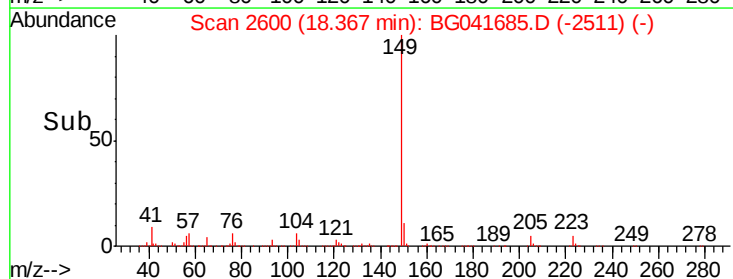
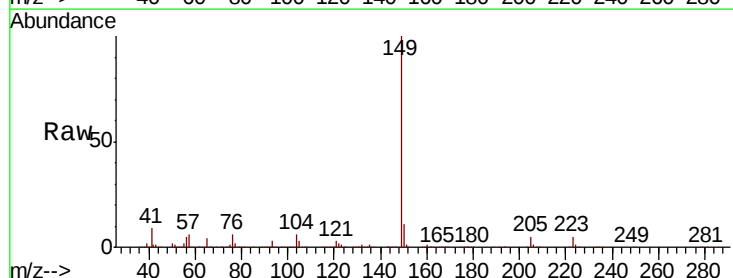
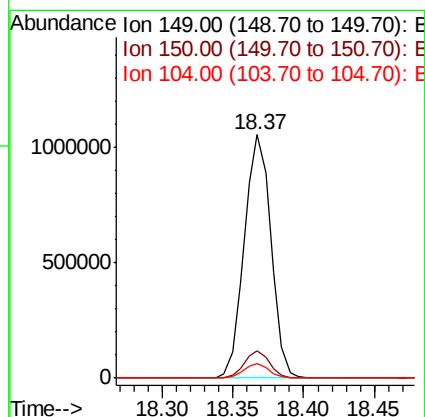
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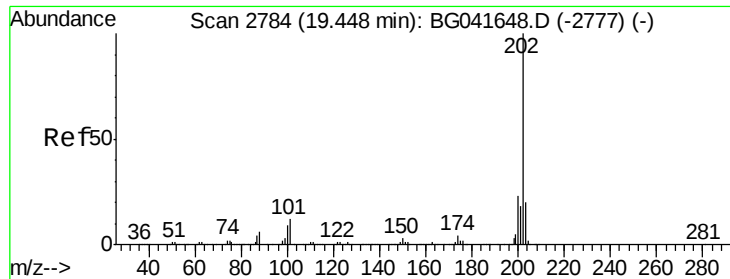
mohammad
 7/19/2019 2:24:39 PM



#74
 Di-n-butylphthalate
 Concen: 45.167 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.8	5.3	7.9





#75

Fluoranthene

Concen: 46.160 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

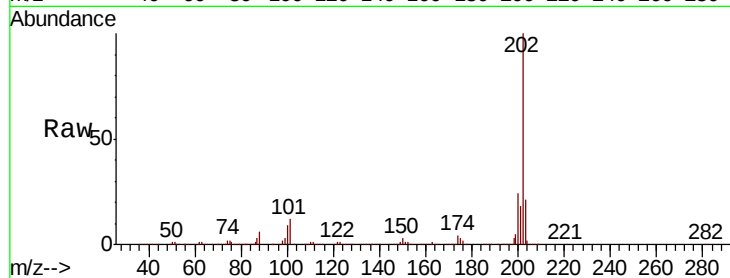
ClientSampled :

PB121341BS

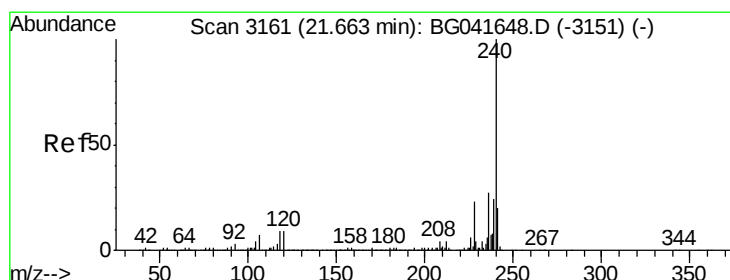
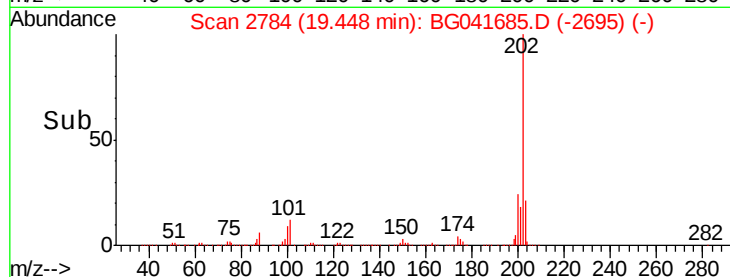
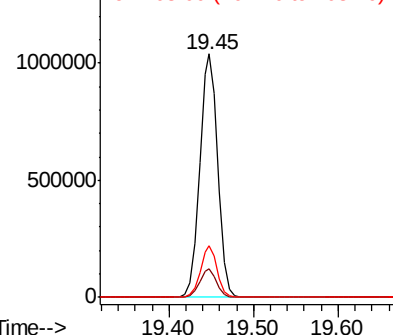
Tot Ion:	202	Resp:	1550881
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.8
203	21.2	3.7	43.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

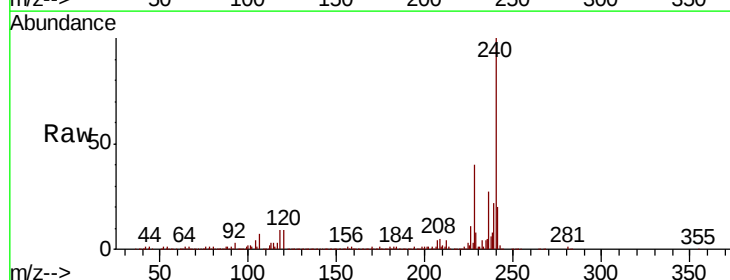
RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

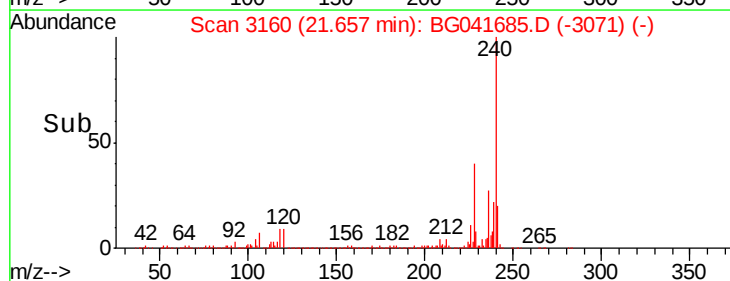
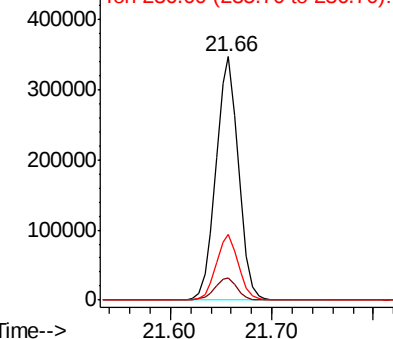
Lab File: BG041685.D

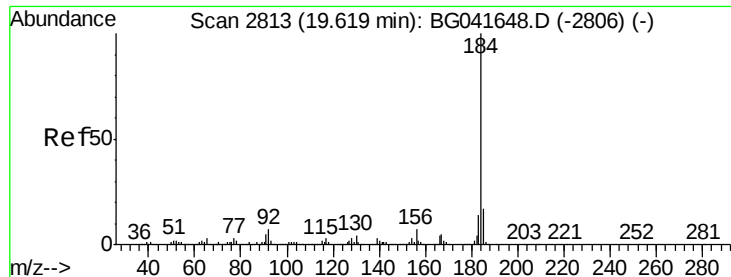
Acq: 17 Jul 2019 12:10

Tgt Ion:	240	Resp:	531799
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.0	12.0
236	26.7	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





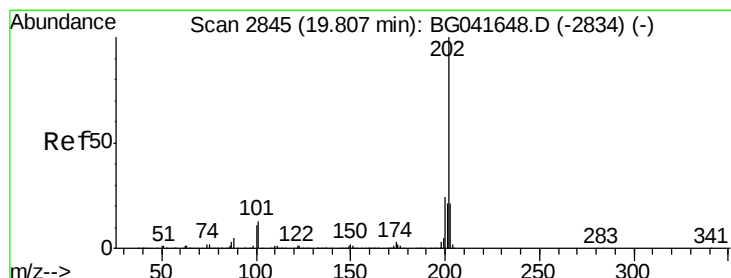
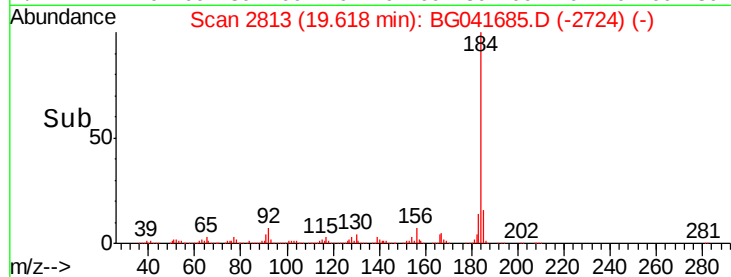
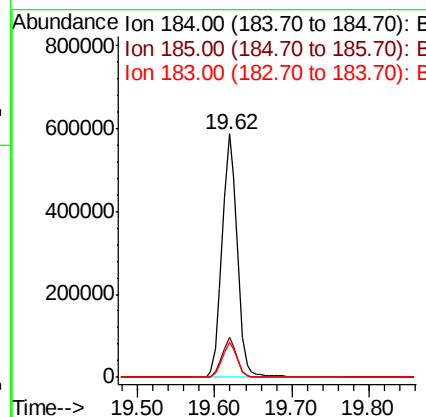
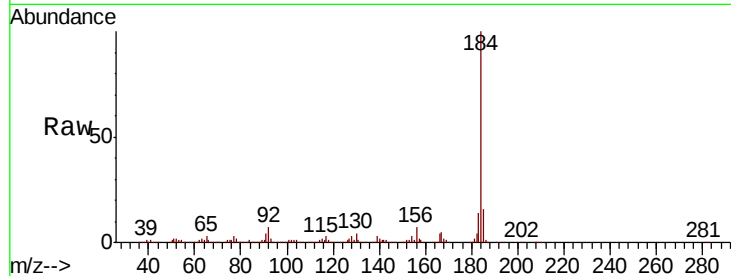
#77
Benzidine
Concen: 43.458 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	796574		
185	16.4		13.0	19.4
183	14.3		11.8	17.6

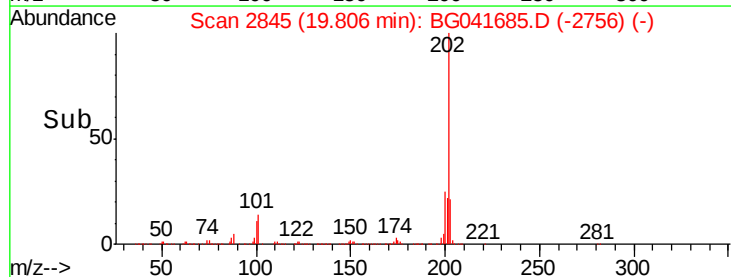
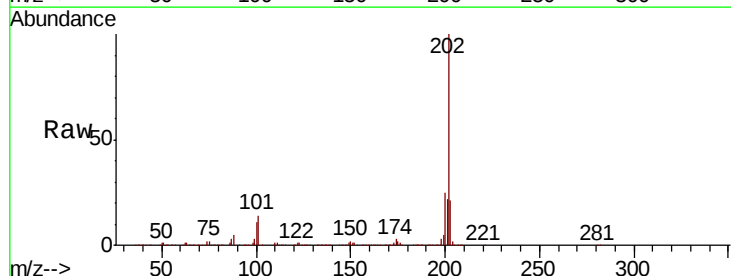
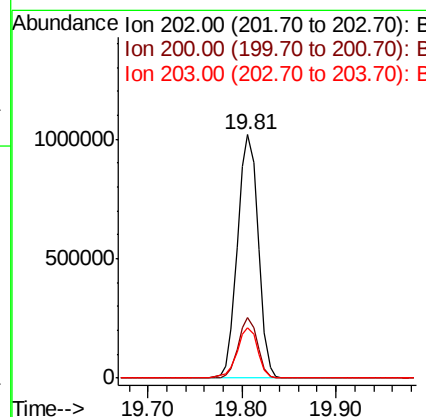
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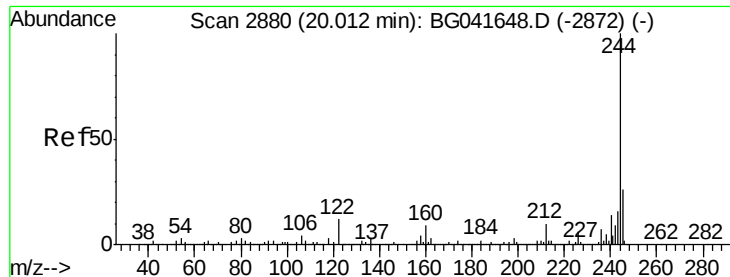
mohammad
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#78
Pyrene
Concen: 43.336 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1558683		
200	24.8		22.2	33.2
203	20.9		18.9	28.3





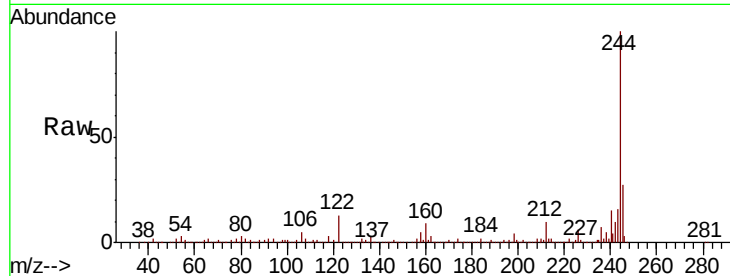
#79
 Terphenyl-d14
 Concen: 91.686 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

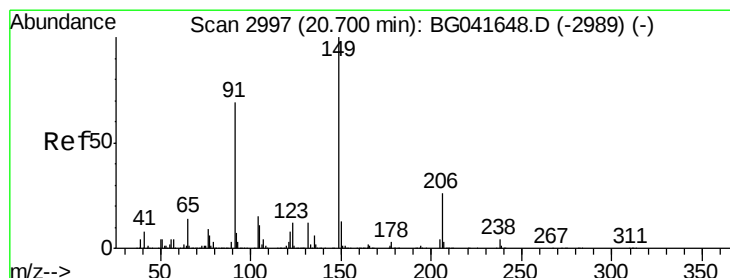
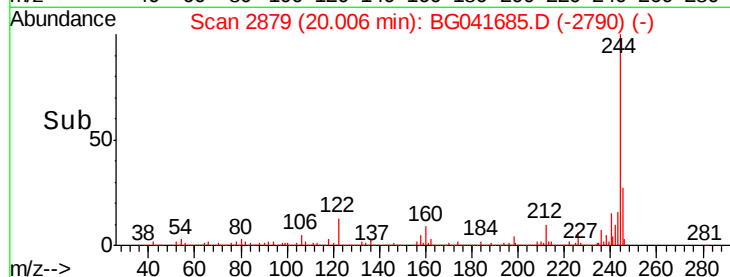
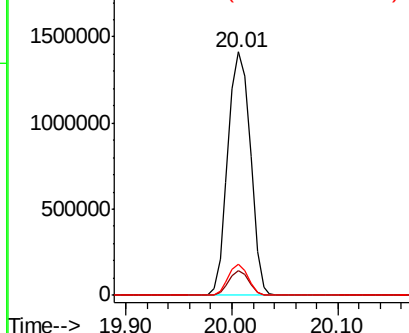
Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	9.7	14.5
122	12.7	12.5	18.7

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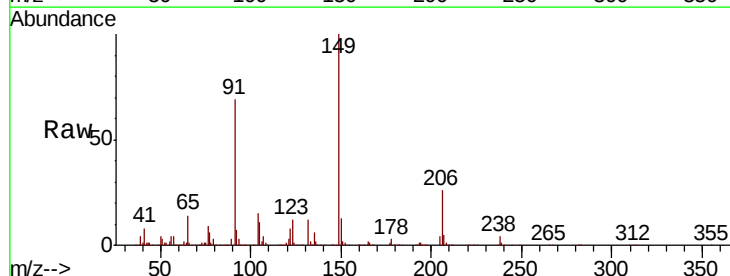


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

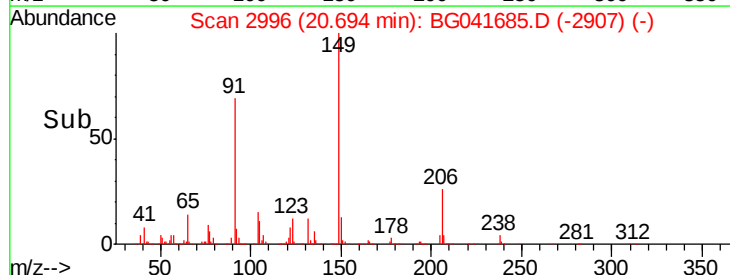
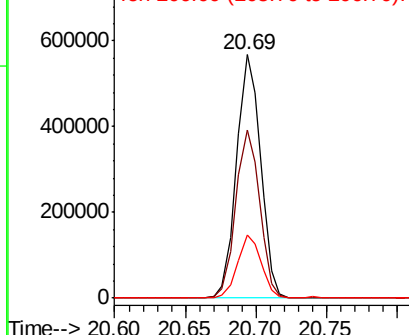


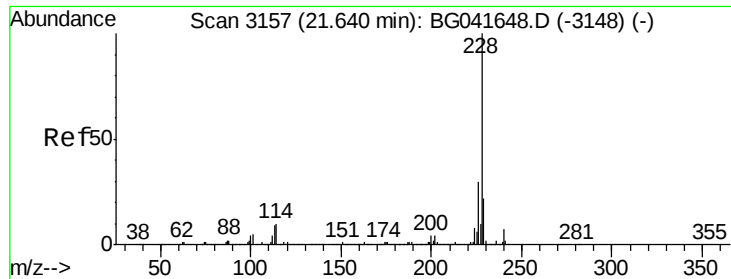
#80
 Butylbenzylphthalate
 Concen: 45.179 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	58.9	88.3
206	26.1	20.8	31.2



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





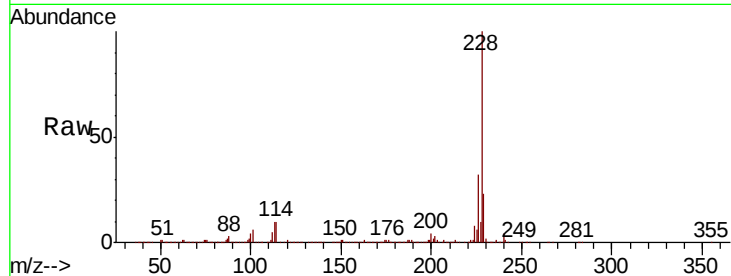
#81
Benzo(a)anthracene
Concen: 44.534 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	27.3	40.9
229	22.8	19.7	29.5

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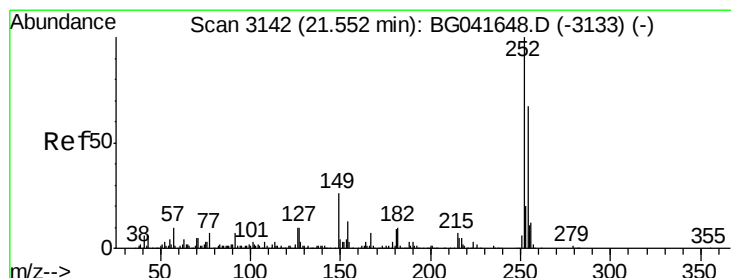
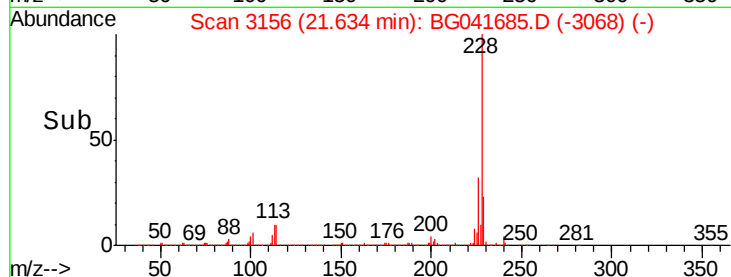
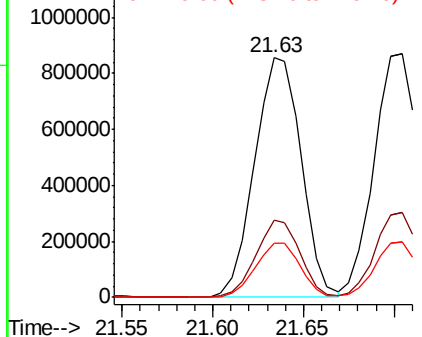


Abundance

Ion 228.00 (227.70 to 228.70): E

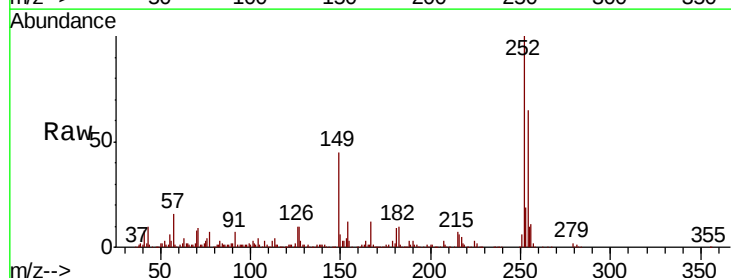
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.795 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.8	80.6
126	9.7	7.8	11.8

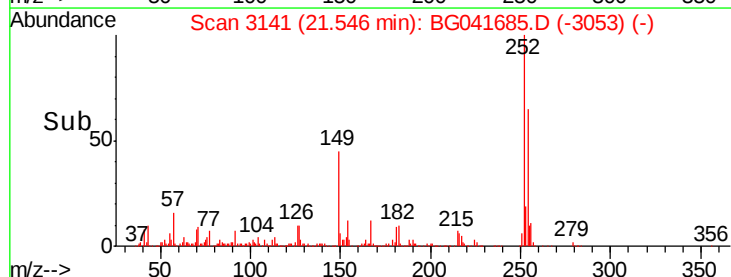
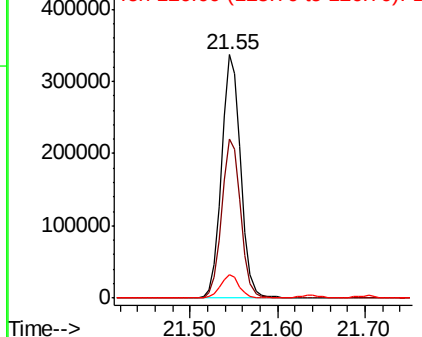


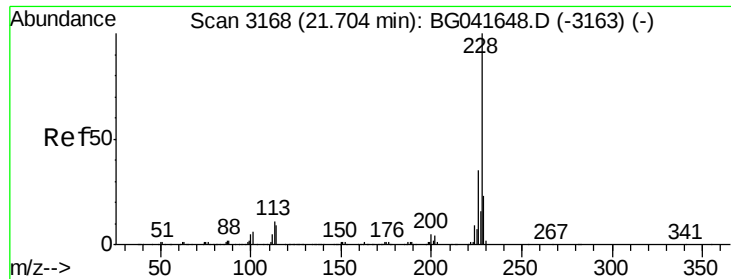
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





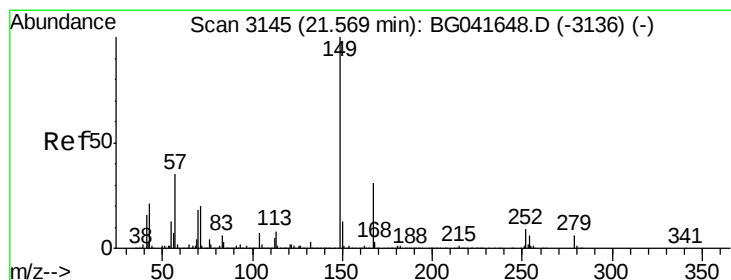
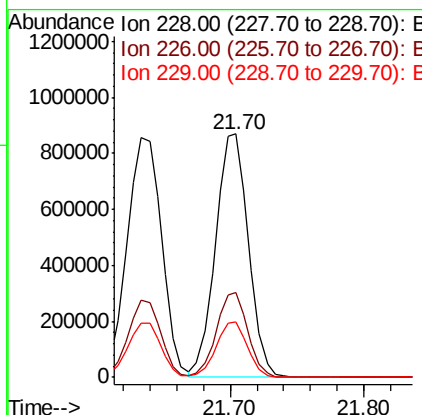
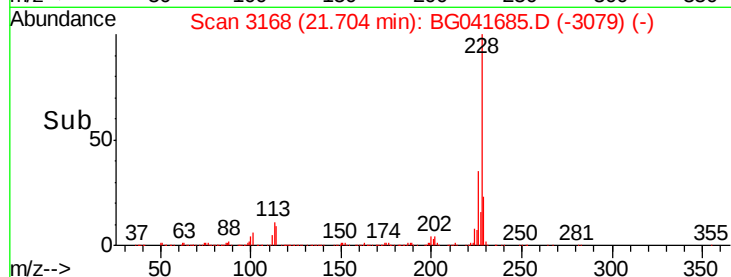
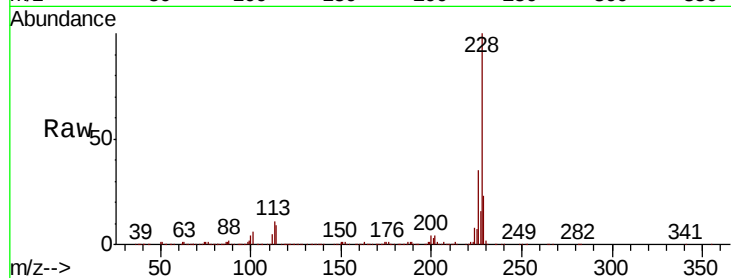
#83
 Chrysene
 Concen: 45.689 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleID :
 PB121341BS

Tot Ion:228 Resp: 1500065
 Ion Ratio Lower Upper
 228 100
 226 34.8 30.1 45.1
 229 23.0 19.8 29.6

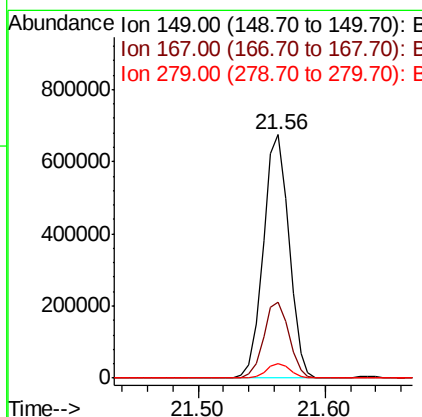
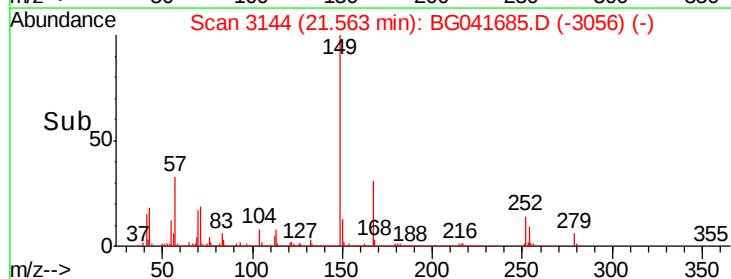
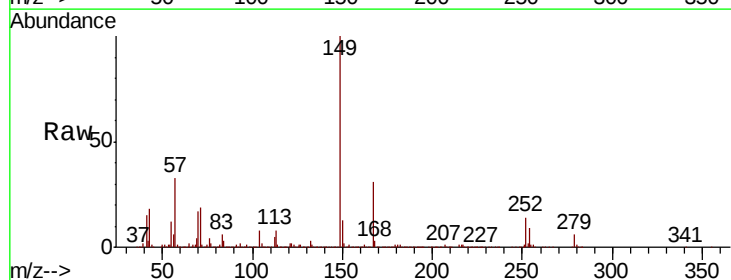
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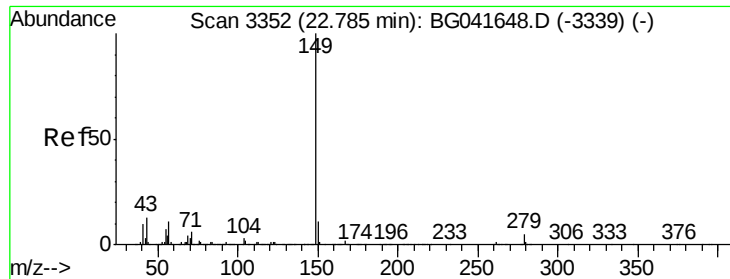
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.051 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:149 Resp: 950684
 Ion Ratio Lower Upper
 149 100
 167 31.4 27.0 40.4
 279 5.8 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.624 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB121341BS

Tot Ion:149 Resp: 1639607

Ion Ratio Lower Upper

149 100

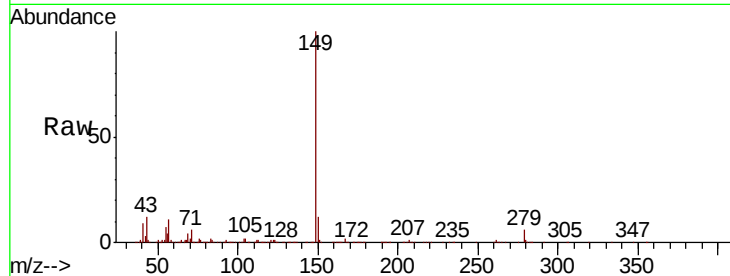
167 1.9 1.6 2.4

43 11.7 10.6 16.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

1200000

1000000

800000

600000

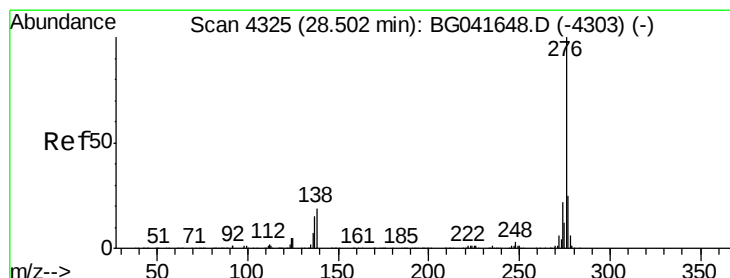
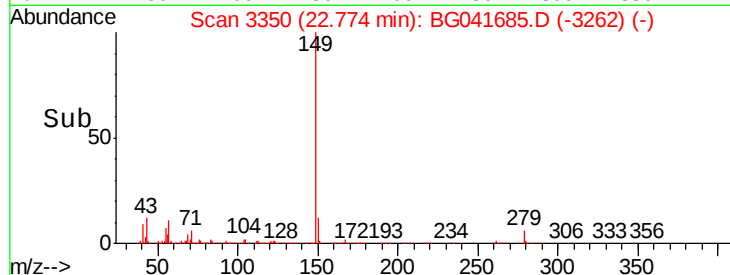
400000

200000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.723 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

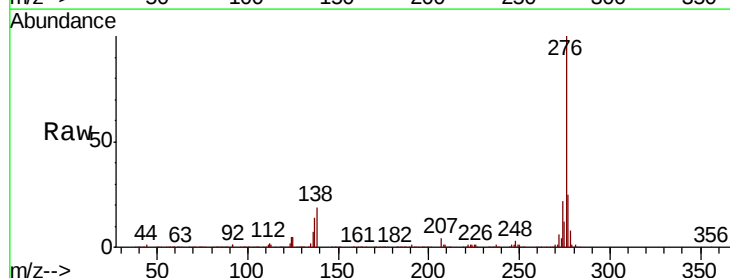
Tgt Ion:276 Resp: 1937430

Ion Ratio Lower Upper

276 100

138 16.0 19.4 29.0#

277 26.3 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

400000

300000

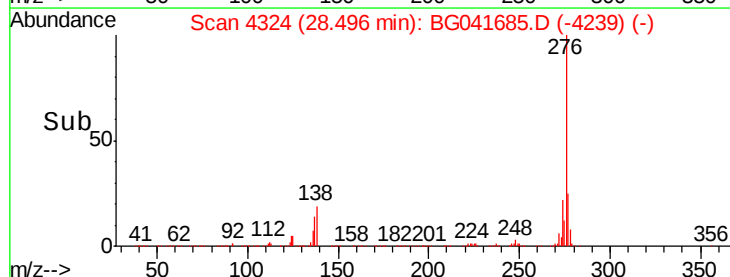
200000

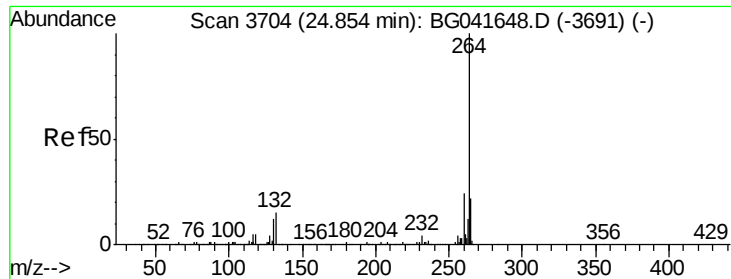
100000

0

28.20 28.40 28.60

Time-->





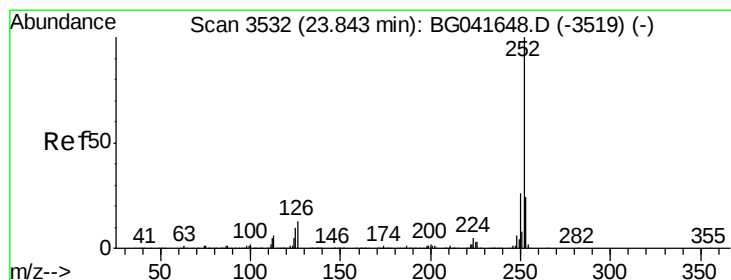
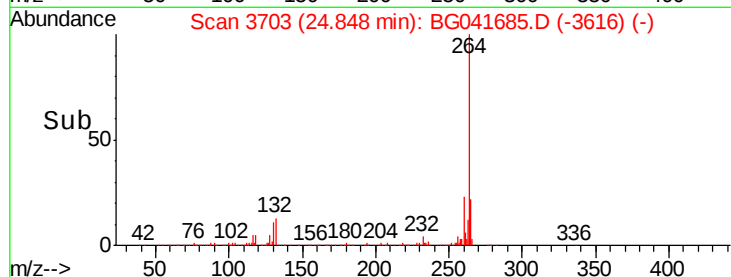
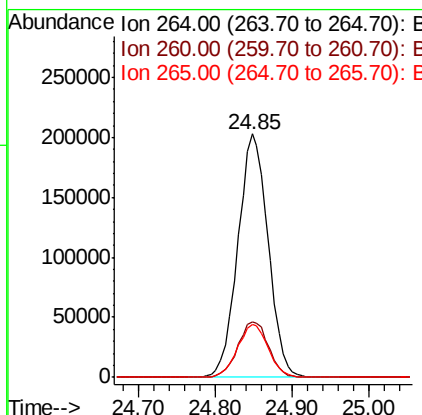
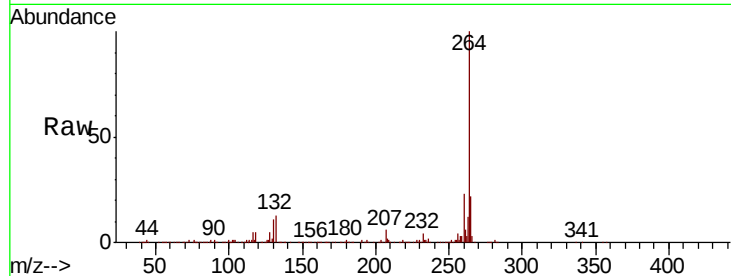
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.7	18.0	27.0

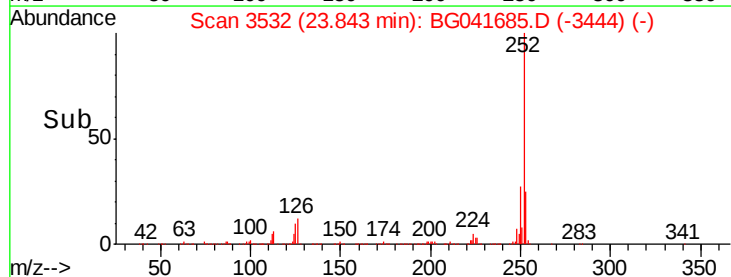
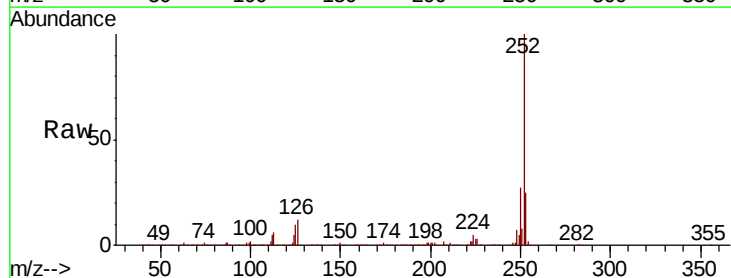
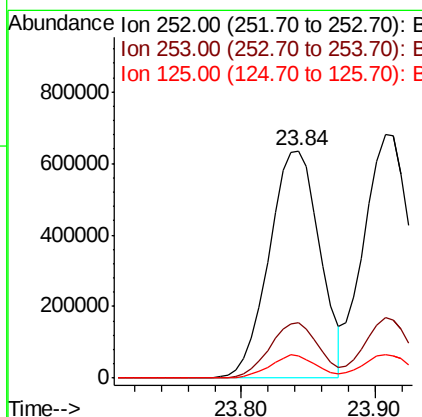
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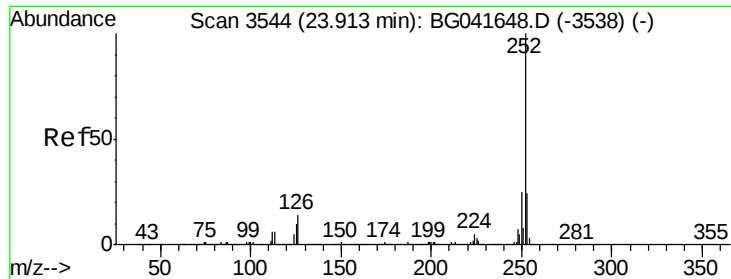
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#88
Benzo(b)fluoranthene
Concen: 49.537 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	9.5	8.0	12.0





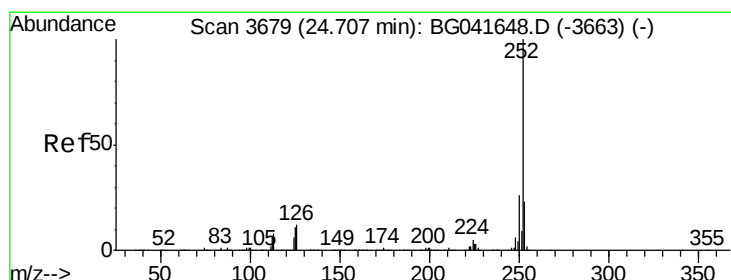
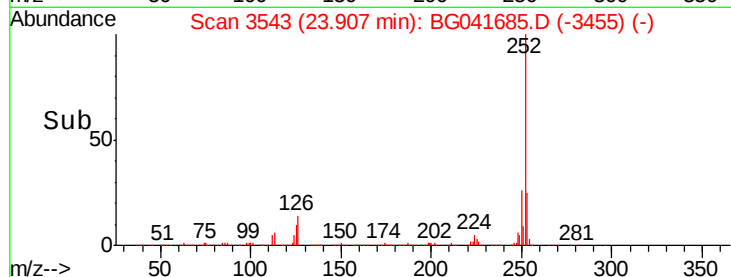
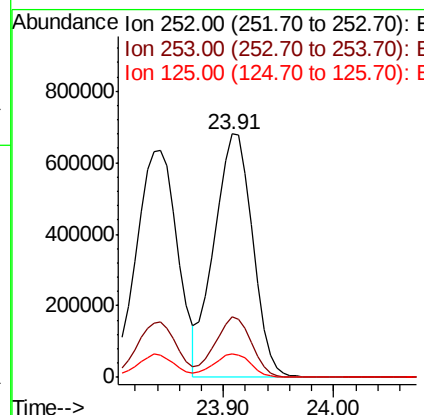
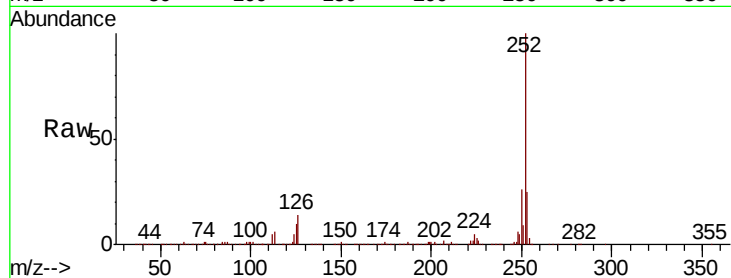
#89
Benzo(k)fluoranthene
Concen: 52.534 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.5	30.7
125	9.8	8.4	12.6

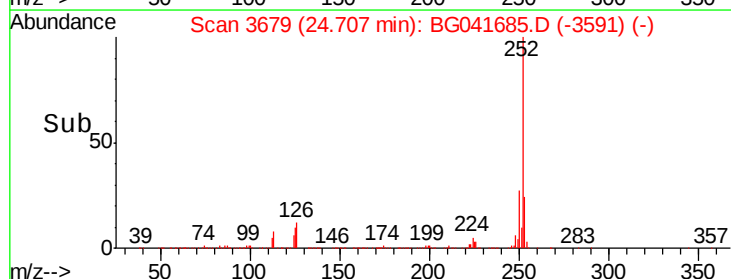
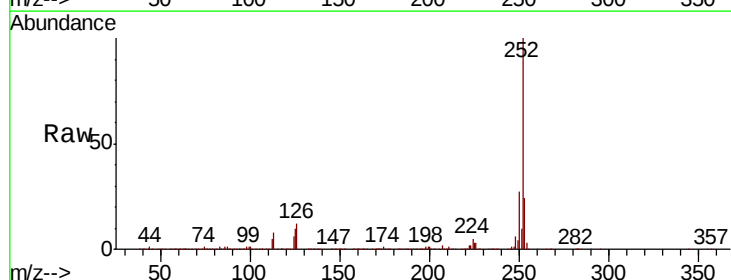
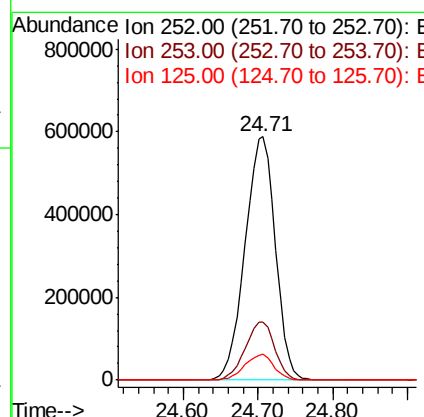
Manual Integrations
APPROVED

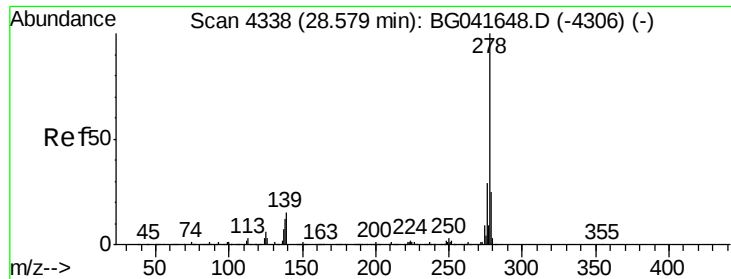
mohammad
7/19/2019 2:24:39 PM



#90
Benzo(a)pyrene
Concen: 51.968 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	10.5	8.8	13.2





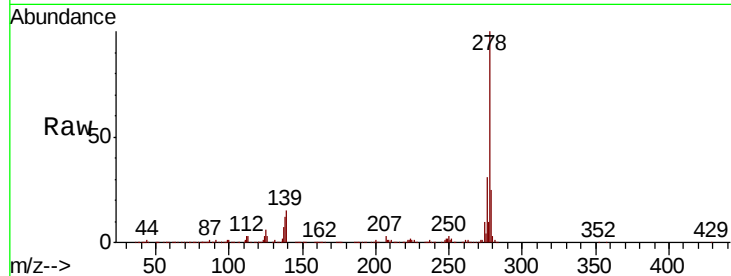
#91
Dibenzo(a,h)anthracene
Concen: 51.366 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.6	19.0
279	25.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:39 PM

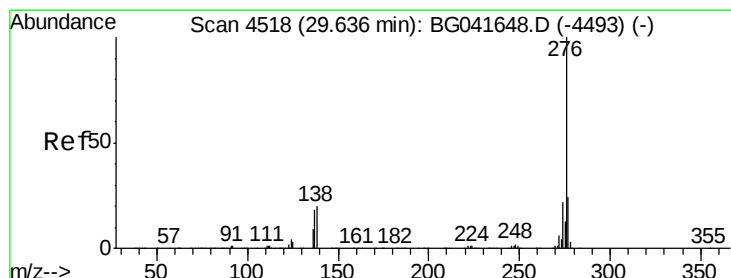
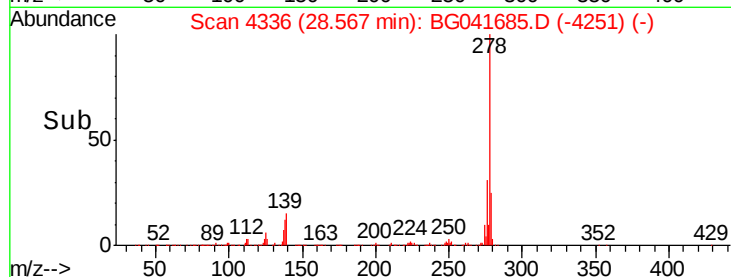
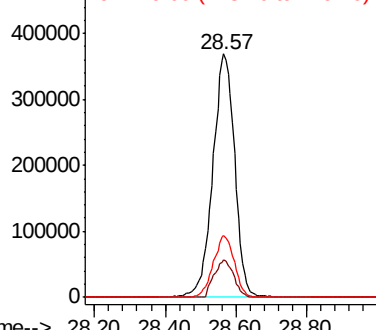


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.468 ng
RT: 29.64 min Scan# 4518
Delta R.T. -0.03 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	19.9	16.6	25.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

