

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041483.D
 Acq On : 27 Jun 2019 9:56
 Operator : HP/JU
 Sample : K3500-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Manual Integrations
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mohammad
 7/1/2019 8:10:55 AM

Quant Time: Jun 27 12:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 06:49:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30484	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	110210	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	79605	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	209879	20.00	ng	0.00
76) Chrysene-d12	21.70	240	220317	20.00	ng	0.00
87) Perylene-d12	24.99	264	233558	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	164931	96.46	ng	0.00
7) Phenol-d6	7.19	99	240512	99.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	169380	64.10	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	134036	98.61	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	397852	64.14	ng	0.00
79) Terphenyl-d14	20.03	244	751762	72.51	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	17245	22.281 ng	99
3) Pyridine	3.82	79	23123	11.775 ng	93
4) n-Nitrosodimethylamine	3.75	42	29282	26.796 ng	87
6) Aniline	7.35	93	18262	5.886 ng	93
8) 2-Chlorophenol	7.59	128	60538	31.570 ng	98
9) Benzaldehyde	7.17	77	47255	32.508 ng	94
10) Phenol	7.21	94	79750	32.875 ng	97
11) bis(2-Chloroethyl)ether	7.45	93	52328	27.200 ng	98
12) 1,3-Dichlorobenzene	7.92	146	67035	27.024 ng	97
13) 1,4-Dichlorobenzene	8.06	146	69515	27.798 ng	97
14) 1,2-Dichlorobenzene	8.38	146	65897	27.522 ng	99
15) Benzyl Alcohol	8.28	79	53213	27.760 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	74032	27.403 ng	98
17) 2-Methylphenol	8.48	107	52828	29.916 ng	96
18) Hexachloroethane	9.11	117	27069	27.434 ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	48952	27.265 ng	97
20) 3+4-Methylphenols	8.81	107	72903	30.975 ng	96
22) Acetophenone	8.86	105	100341	30.353 ng	# 98
24) Nitrobenzene	9.26	77	79480	29.965 ng	98
25) Isophorone	9.77	82	137163	28.911 ng	98
26) 2-Nitrophenol	9.97	139	34637	31.269 ng	93
27) 2,4-Dimethylphenol	10.01	122	52575	34.102 ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	73048	29.118 ng	97
29) 2,4-Dichlorophenol	10.51	162	68401	32.848 ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	78269	29.326 ng	96
31) Naphthalene	10.90	128	190741	31.295 ng	97
32) Benzoic acid	10.14	122	7412	14.189 ng	93
33) 4-Chloroaniline	11.03	127	19588	7.635 ng	95
34) Hexachlorobutadiene	11.16	225	60153	28.393 ng	98
35) Caprolactam	11.81	113	19923m	30.641 ng	
36) 4-Chloro-3-methylphenol	12.14	107	73144	32.419 ng	97
37) 2-Methylnaphthalene	12.51	142	139064	30.884 ng	96
38) 1-Methylnaphthalene	12.72	142	131832	30.689 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	108523	30.960 ng	100

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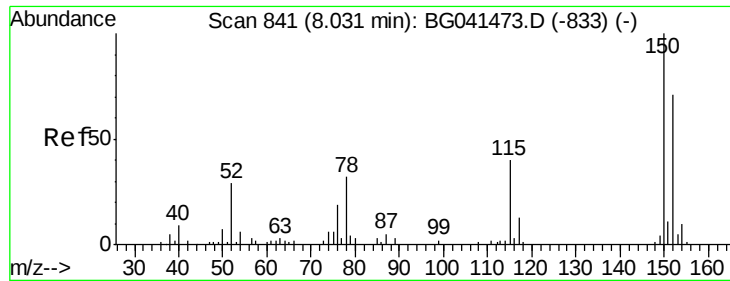
Manual Integrations
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 7/1/2019 8:10:55 AM

Quant Time: Jun 27 12:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 06:49:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	102558	55.115	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	65984	31.728	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	68500	33.061	nq	95
46) 1,1'-Biphenyl	13.51	154	189735	30.194	nq	96
47) 2-Chloronaphthalene	13.56	162	160269	29.707	nq	98
48) 2-Nitroaniline	13.78	65	51941	28.401	nq	95
49) Acenaphthylene	14.40	152	253158	31.394	nq	99
50) Dimethylphthalate	14.13	163	270462	37.335	nq	98
51) 2,6-Dinitrotoluene	14.26	165	47138	30.662	nq	88
52) Acenaphthene	14.74	154	143257	29.958	nq	98
53) 3-Nitroaniline	14.60	138	21172	14.426	nq	93
54) 2,4-Dinitrophenol	14.81	184	20282	27.141	nq	95
55) Dibenzofuran	15.07	168	257554	30.938	nq	99
56) 4-Nitrophenol	14.91	139	70371	74.298	nq	98
57) 2,4-Dinitrotoluene	15.05	165	66046	29.614	nq	# 96
58) Fluorene	15.73	166	207278	31.298	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	75249m	34.451	nq	
60) Diethylphthalate	15.48	149	216389	29.182	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	128057	29.977	nq	95
62) 4-Nitroaniline	15.77	138	39759	27.797	nq	95
63) Azobenzene	16.00	77	194938	31.181	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	25871	19.903	nq	94
66) n-Nitrosodiphenylamine	15.93	169	184853	32.002	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	85539	29.824	nq	96
68) Hexachlorobenzene	16.72	284	90211	29.193	nq	98
69) Atrazine	16.87	200	79500	30.511	nq	98
70) Pentachlorophenol	17.07	266	101818	72.717	nq	94
71) Phenanthrene	17.47	178	362804	31.375	nq	98
72) Anthracene	17.56	178	370265	32.002	nq	99
73) Carbazole	17.84	167	312605	31.783	nq	98
74) Di-n-butylphthalate	18.36	149	367972	29.766	nq	99
75) Fluoranthene	19.47	202	469272	30.438	nq	98
77) Benzidine	19.67	184	29549	6.045	nq	97
78) Pyrene	19.84	202	474842	31.571	nq	99
80) Butylbenzylphthalate	20.70	149	167227	29.771	nq	98
81) Benzo(a)anthracene	21.68	228	464371	30.317	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	78236	14.750	nq	98
83) Chrysene	21.75	228	456471	30.788	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	238239	29.917	nq	97
85) Di-n-octyl phthalate	22.76	149	409231	30.368	nq	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	546797	30.457	nq	# 97
88) Benzo(b)fluoranthene	23.93	252	458067	30.749	nq	99
89) Benzo(k)fluoranthene	24.00	252	465805	31.849	nq	98
90) Benzo(a)pyrene	24.83	252	450581	31.847	nq	99
91) Dibenzo(a,h)anthracene	28.82	278	454193	32.043	nq	99
92) Benzo(g,h,i)perylene	29.96	276	459249	32.587	nq	98

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



#1

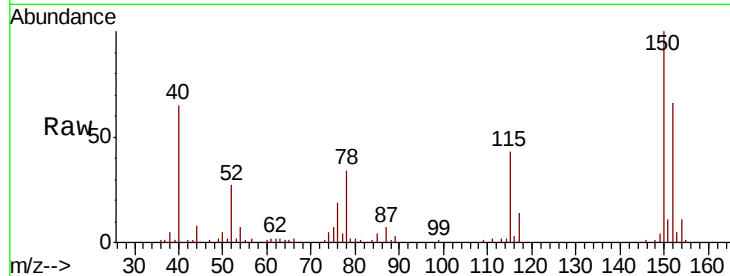
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	112.4	168.6
115	65.0	44.6	66.8

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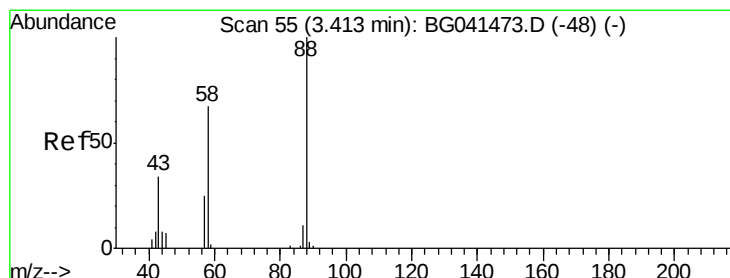
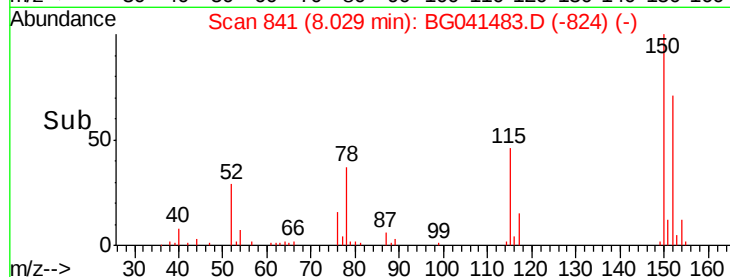
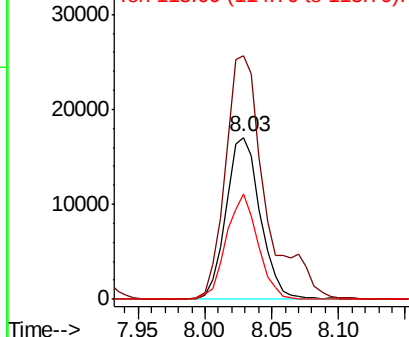


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

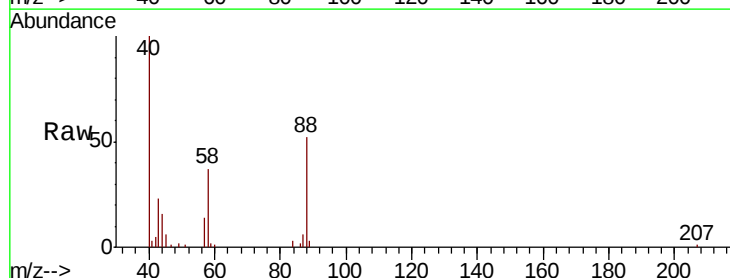
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.281 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.8	83.8
43	36.8	27.8	41.8

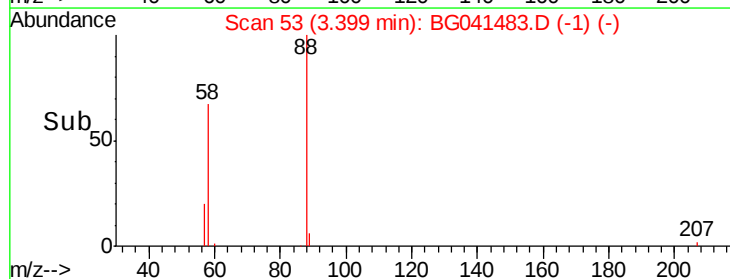
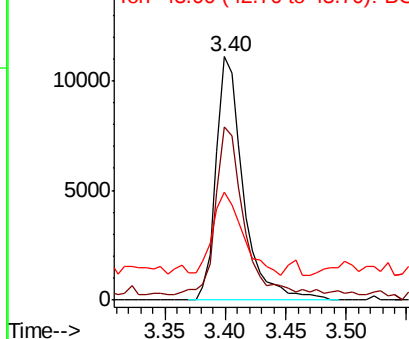


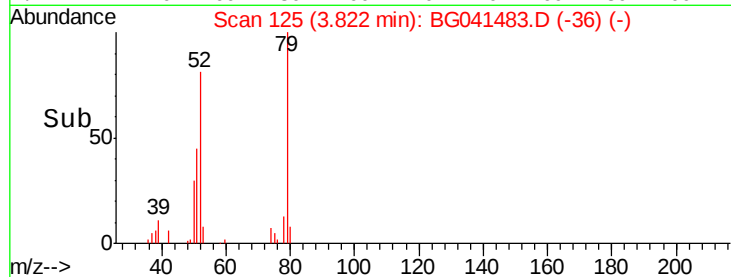
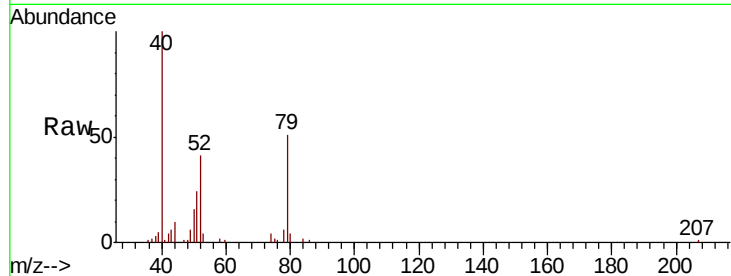
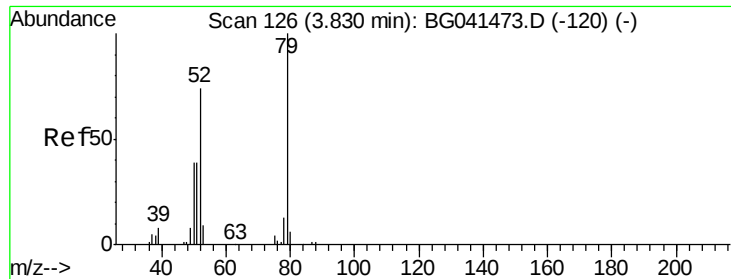
Abundance

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





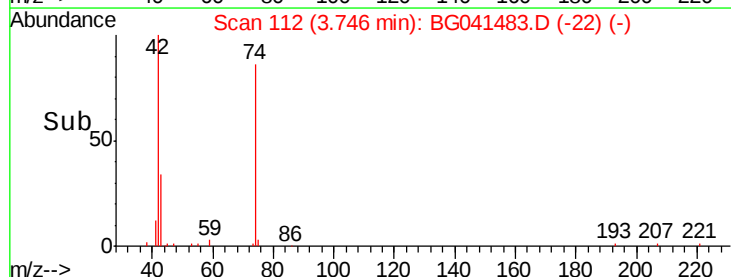
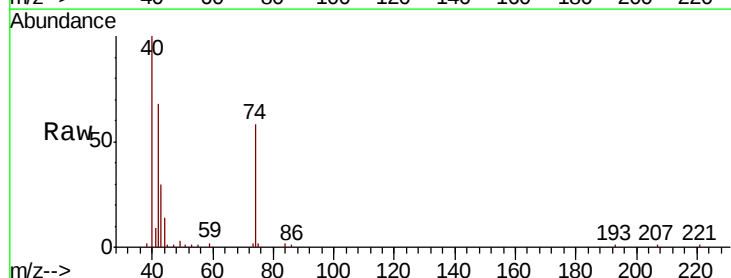
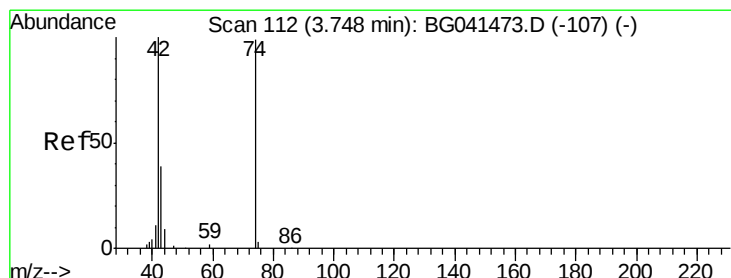
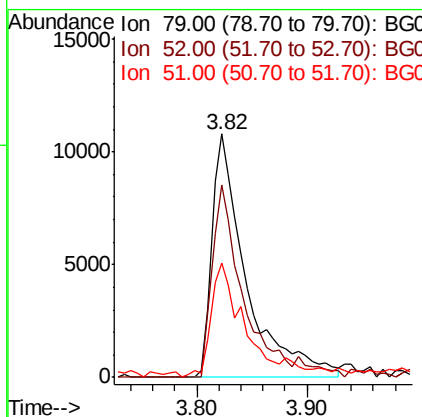
#3
 Pvridine
 Concen: 11.775 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	79.0	59.4	89.0
51	46.7	32.3	48.5

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

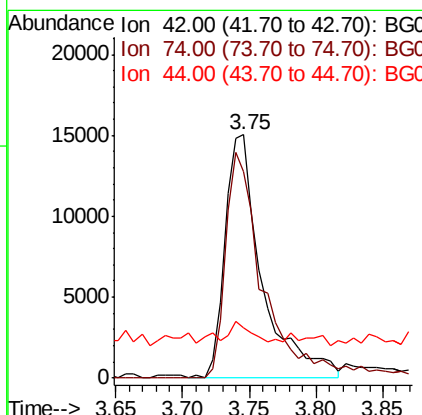
Manual Integrations
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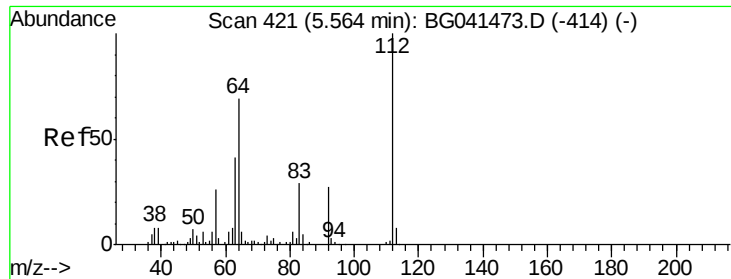
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#4
 n-Nitrosodimethylamine
 Concen: 26.796 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	84.8	79.5	119.3
44	20.6	14.2	21.2





#5

2-Fluorophenol

Concen: 96.460 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

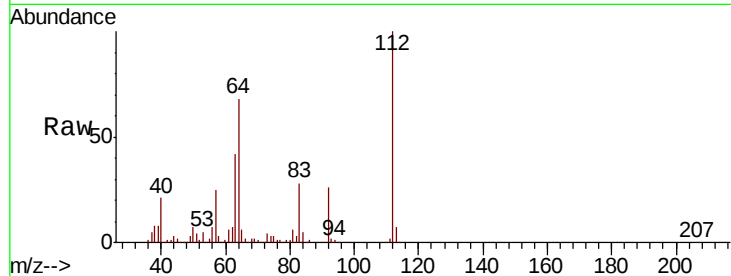
ClientSampleId :

B-2(9-10)MS

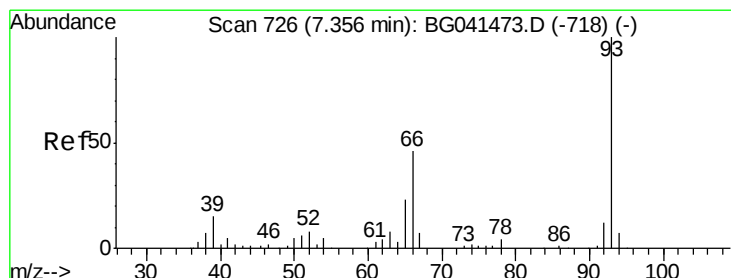
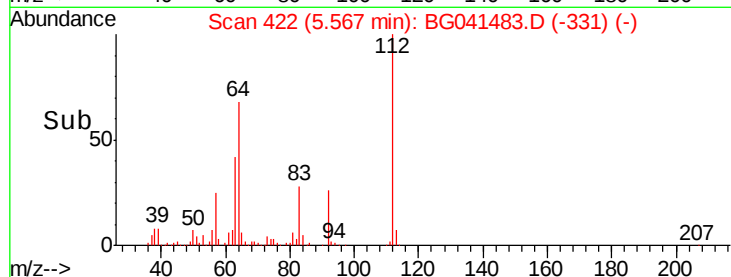
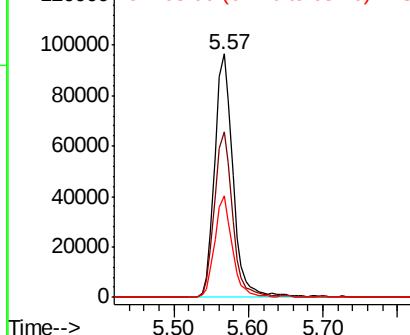
Tot Ion	Ratio	Resp	Lower	Upper
112	100	164931		
64	68.1	55.1	82.7	
63	41.6	32.4	48.6	

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



#6

Aniline

Concen: 5.886 ng

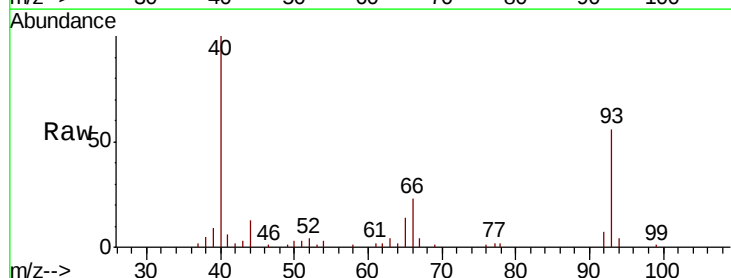
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

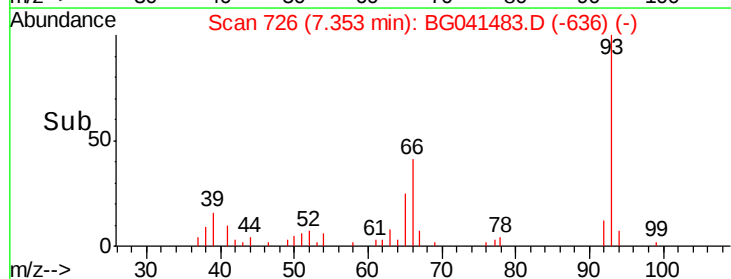
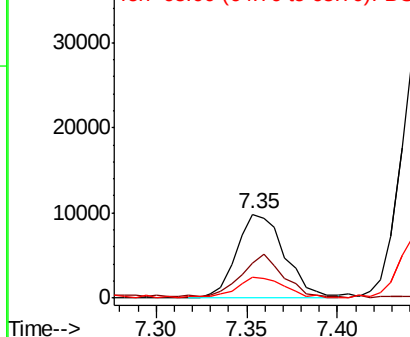
Lab File: BG041483.D

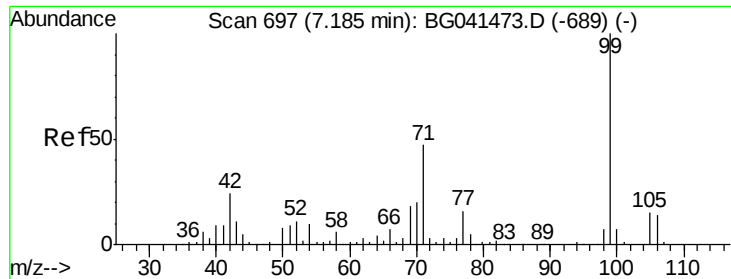
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	18262		
66	41.1	37.4	56.0	
65	25.1	18.6	27.8	



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: 99.921 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

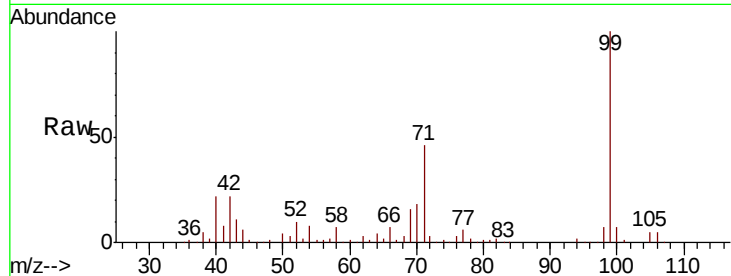
ClientSampleId :

B-2(9-10)MS

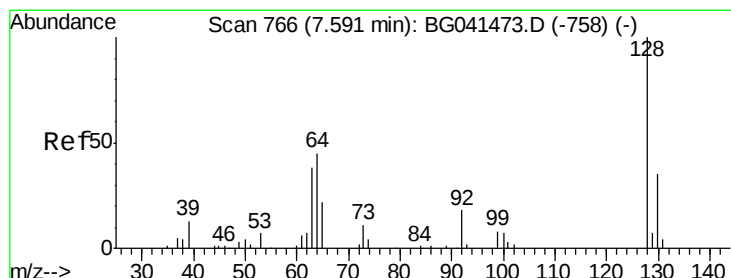
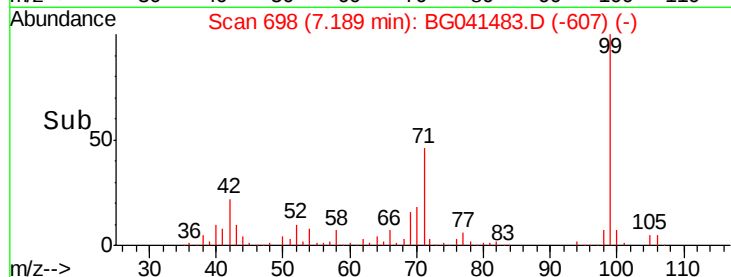
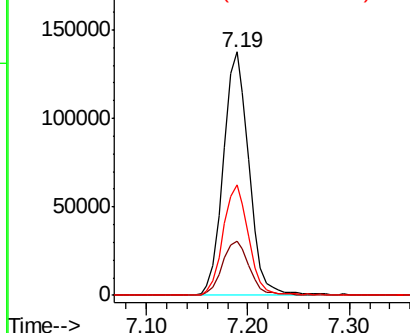
Tot Ion:	99	Resp:	240512
Ion Ratio	Lower	Upper	
99	100		
42	22.2	19.0	28.6
71	45.5	37.4	56.2

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



#8

2-Chlorophenol

Concen: 31.570 ng

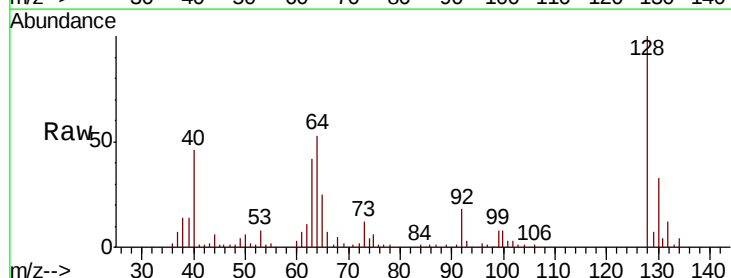
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

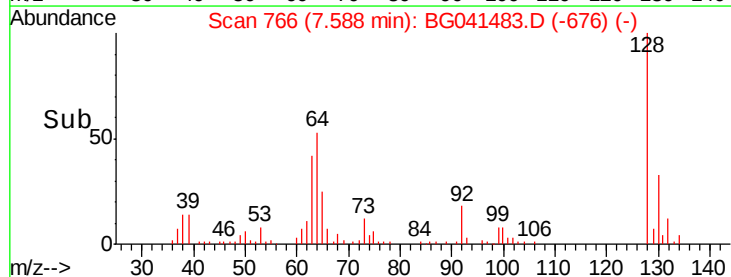
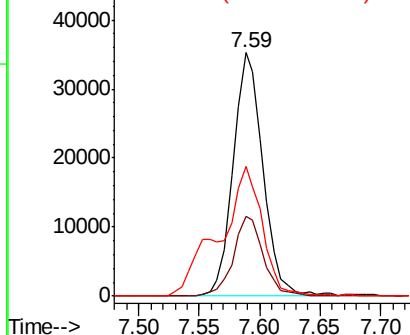
Lab File: BG041483.D

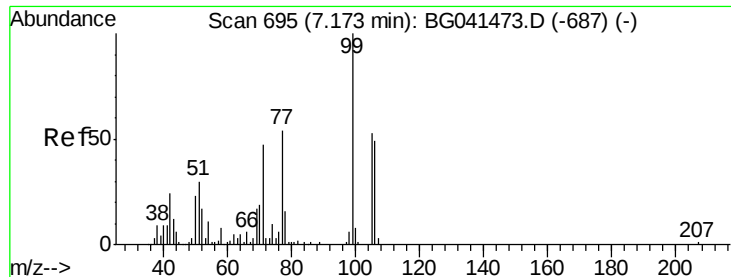
Acq: 27 Jun 2019 9:56

Tgt Ion:	128	Resp:	60538
Ion Ratio	Lower	Upper	
128	100		
130	32.6	15.0	55.0
64	53.1	33.3	73.3



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





#9

Benzaldehyde

Concen: 32.508 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

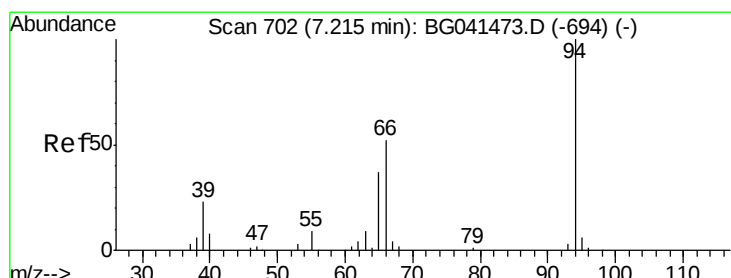
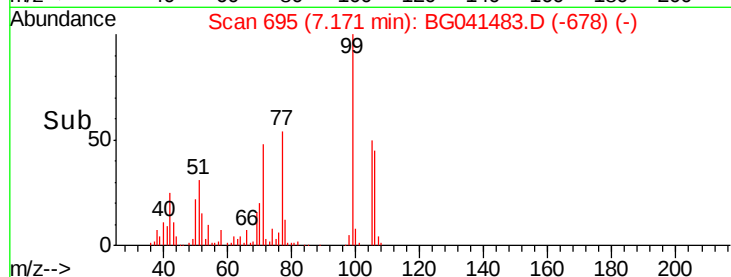
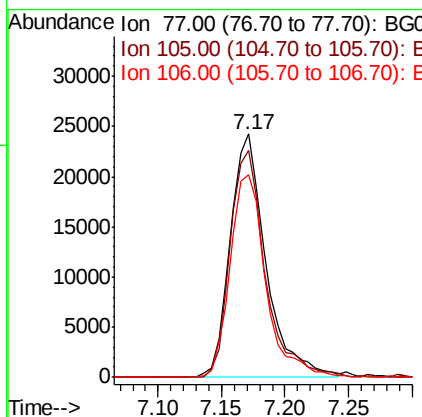
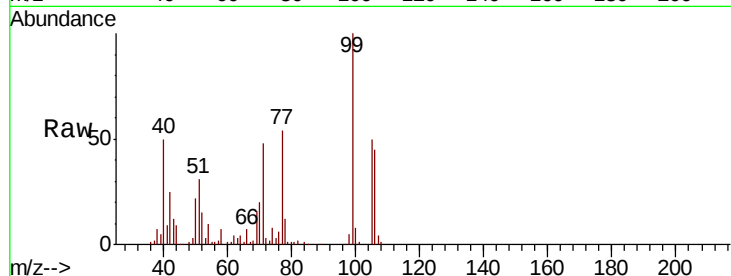
ClientSampleId :

B-2(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.3	77.8	117.8		
106	83.1	70.1	110.1		

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#10

Phenol

Concen: 32.875 ng

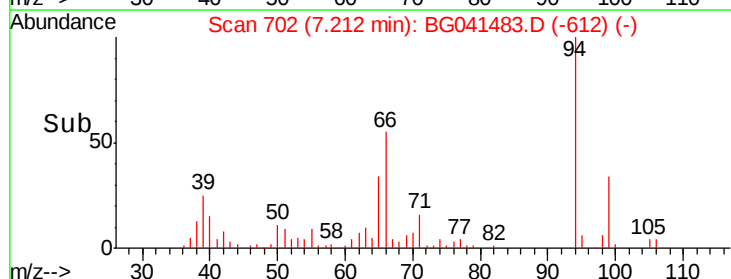
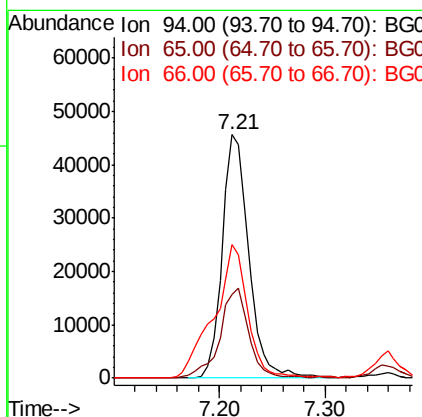
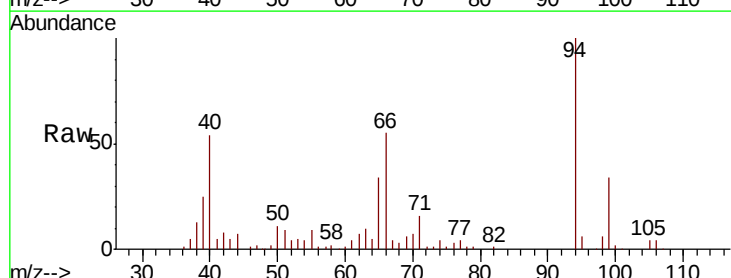
RT: 7.21 min Scan# 702

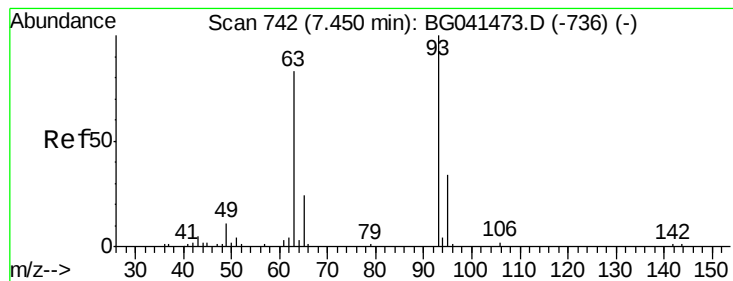
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.5	17.9	57.9		
66	54.9	34.4	74.4		





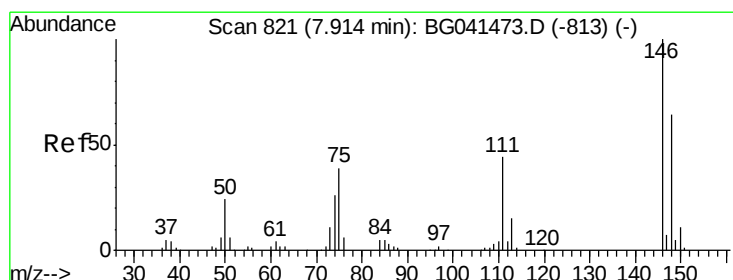
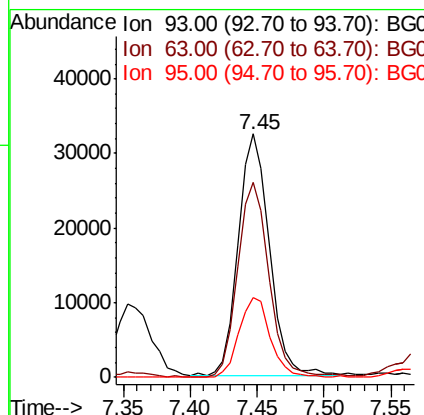
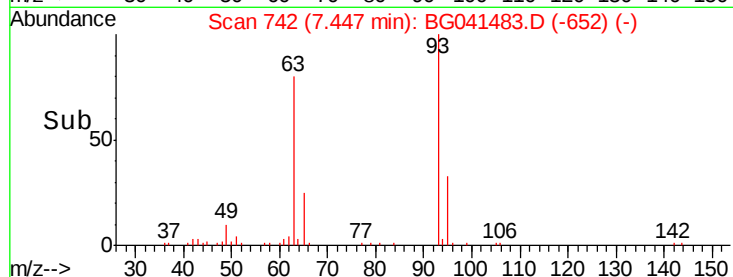
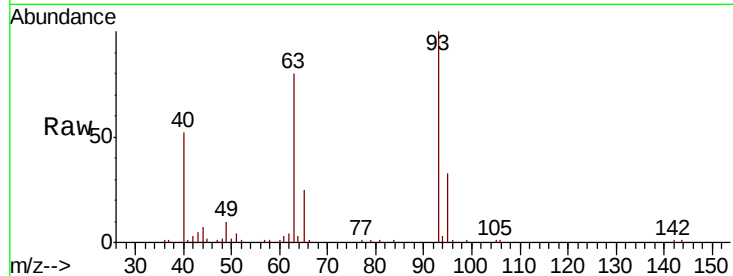
#11
bis(2-Chloroethyl)ether
Concen: 27.200 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	62.0	102.0
95	32.9	13.0	53.0

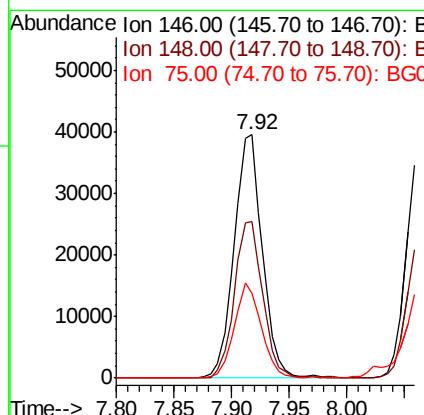
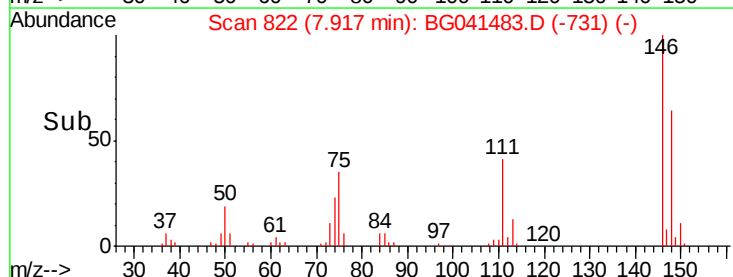
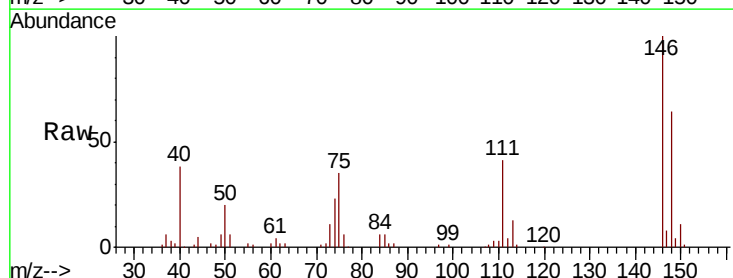
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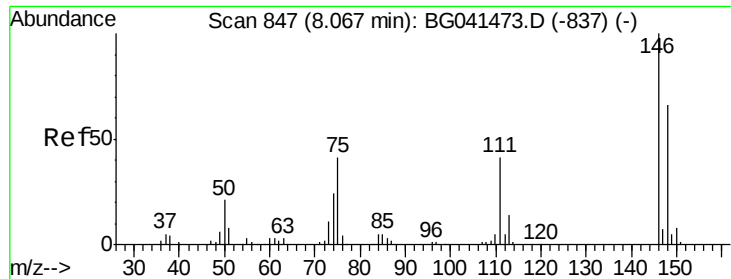
mohammad
7/1/2019 8:10:55 AM



#12
1,3-Dichlorobenzene
Concen: 27.024 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
75	35.0	31.0	46.6





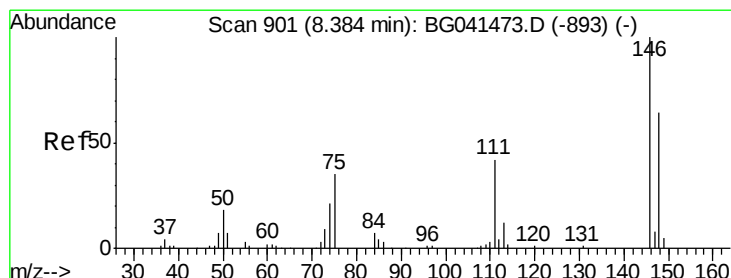
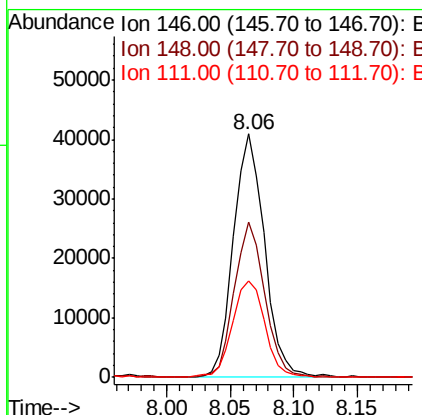
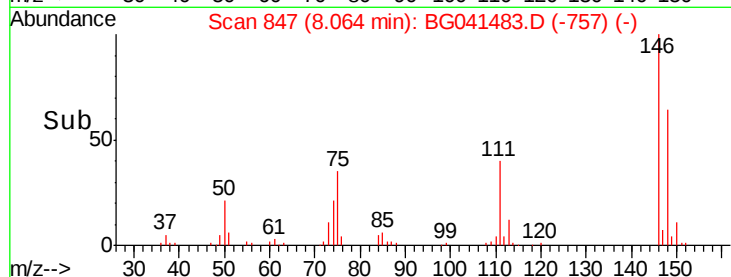
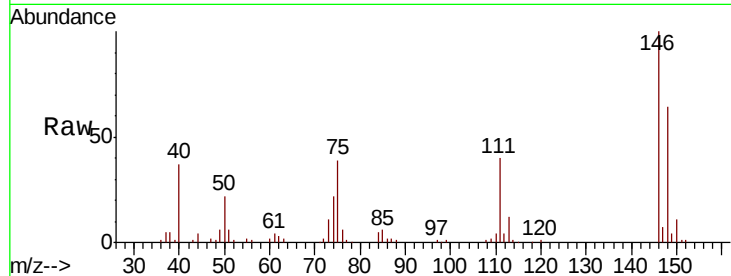
#13
 1,4-Dichlorobenzene
 Concen: 27.798 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampled :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	39.7	33.1	49.7

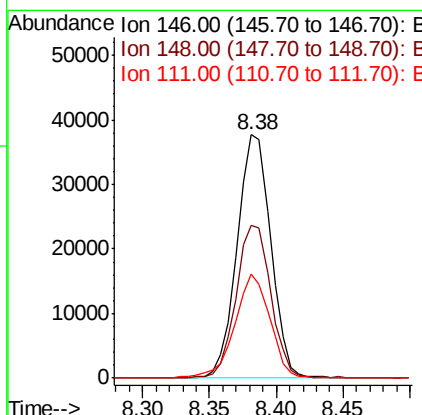
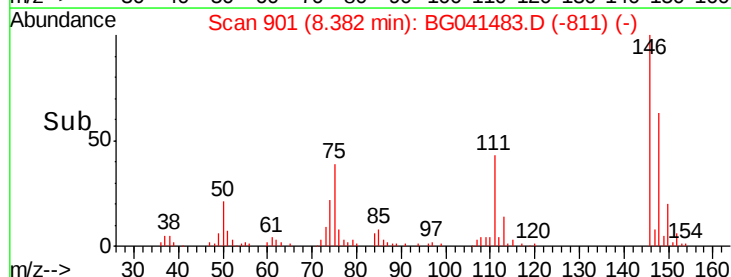
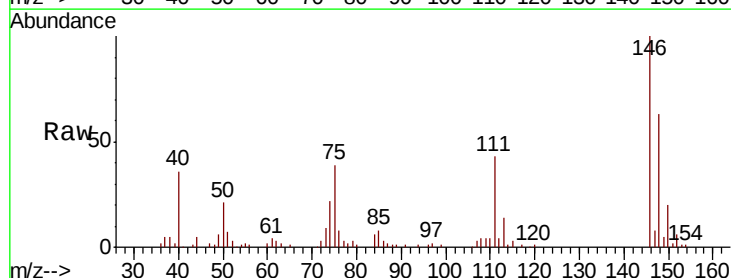
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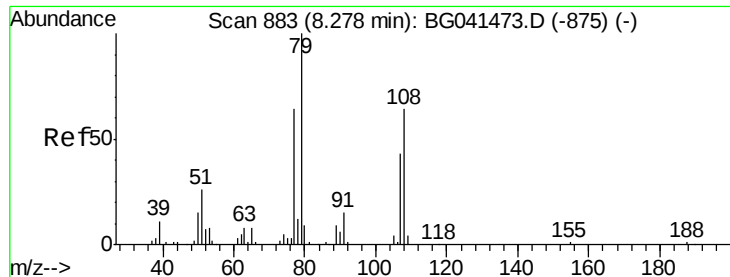
mohammad
 7/1/2019 8:10:55 AM



#14
 1,2-Dichlorobenzene
 Concen: 27.522 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.3	76.9
111	42.7	34.3	51.5





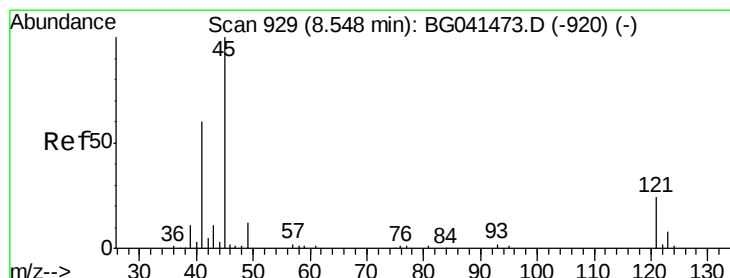
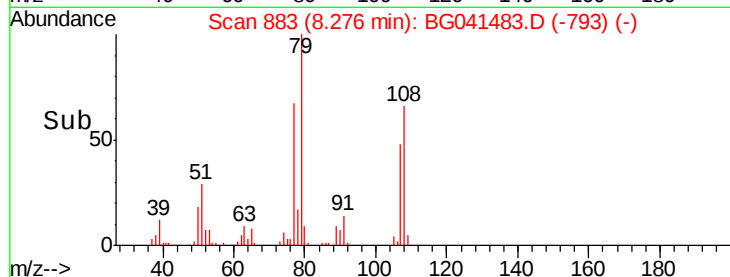
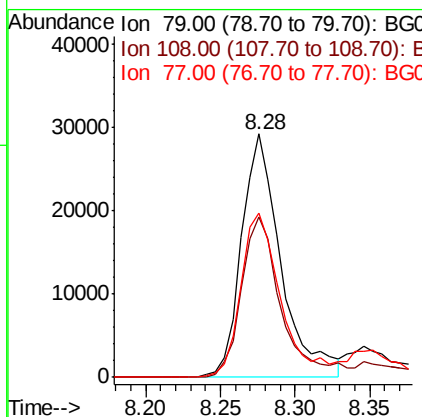
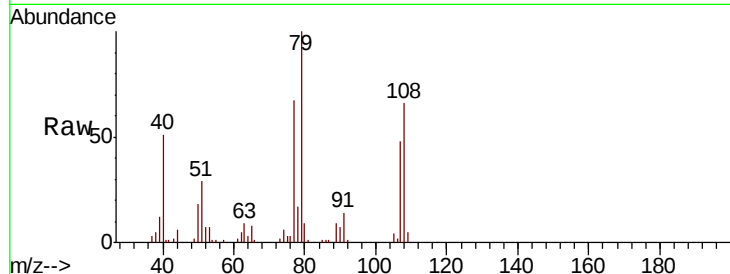
#15
Benzyl Alcohol
Concen: 27.760 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.7	51.4	77.0
77	67.2	50.8	76.2

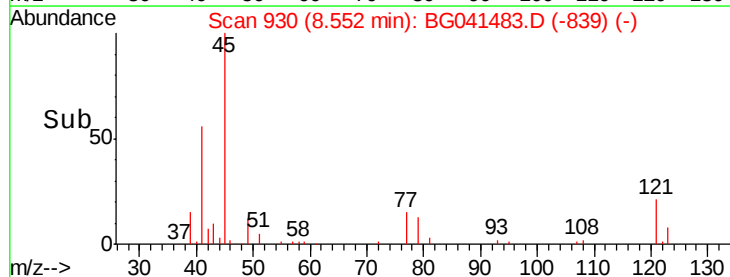
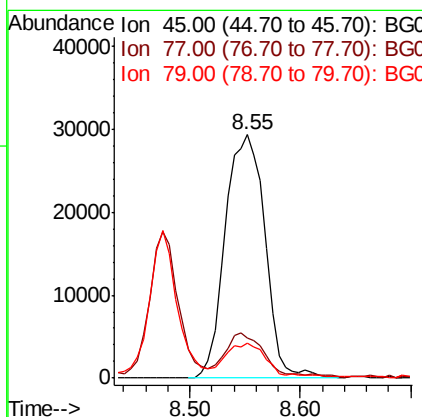
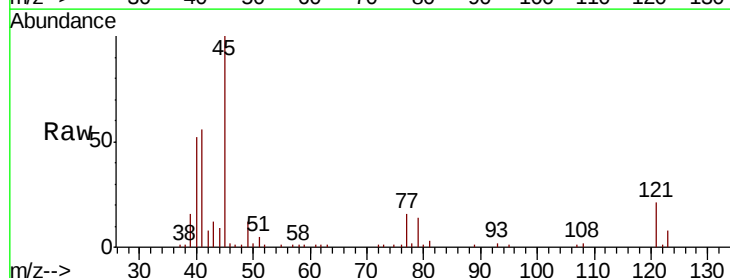
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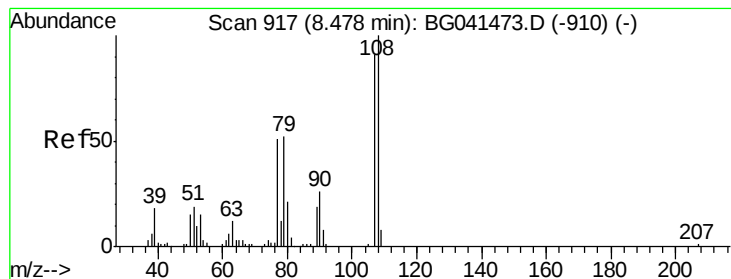
mohammad
7/1/2019 8:10:55 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 27.403 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.3
79	14.4	0.0	32.4





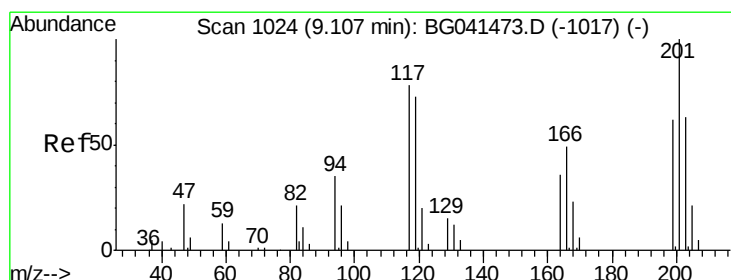
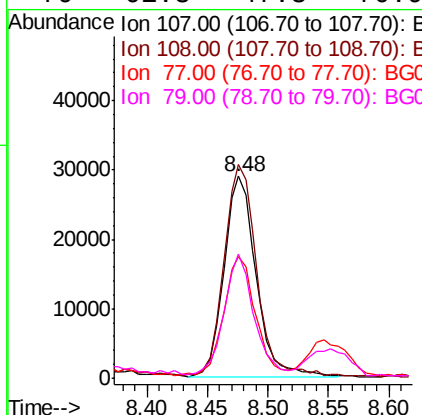
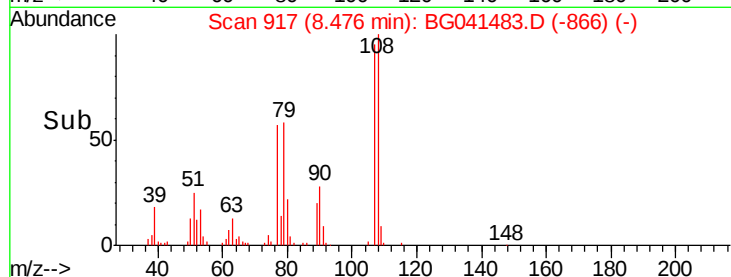
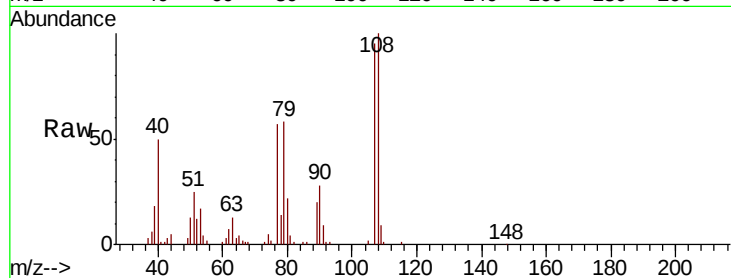
#17
2-Methylphenol
Concen: 29.916 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	88.0	132.0
77	60.5	45.3	67.9
79	61.3	47.3	70.9

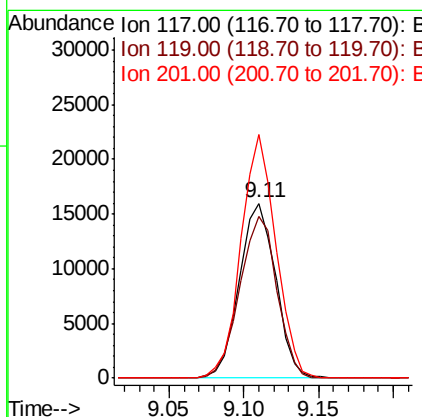
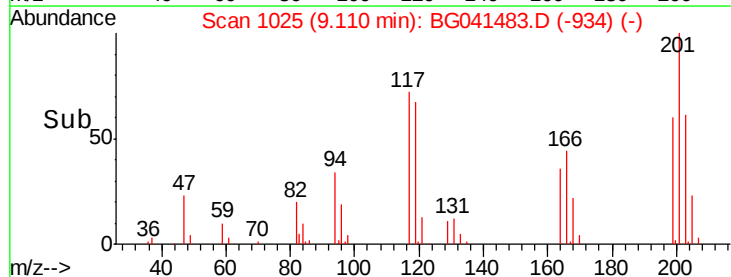
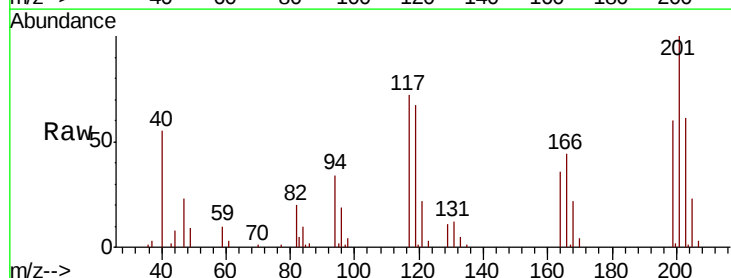
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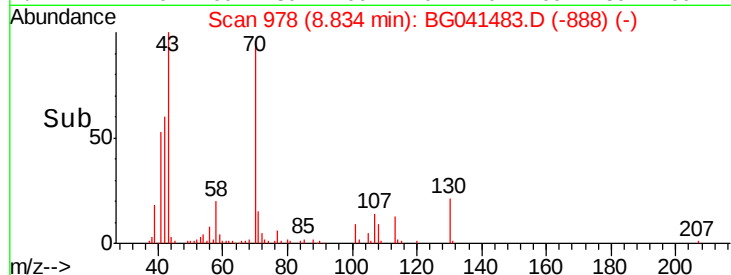
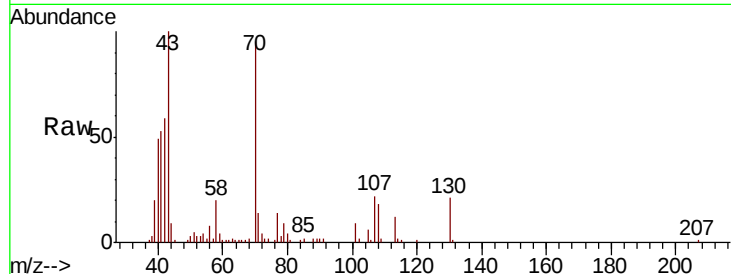
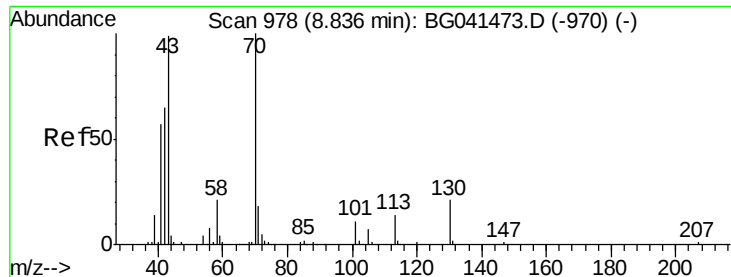
mohammad
7/1/2019 8:10:55 AM



#18
Hexachloroethane
Concen: 27.434 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.3	111.5
201	139.2	102.3	153.5





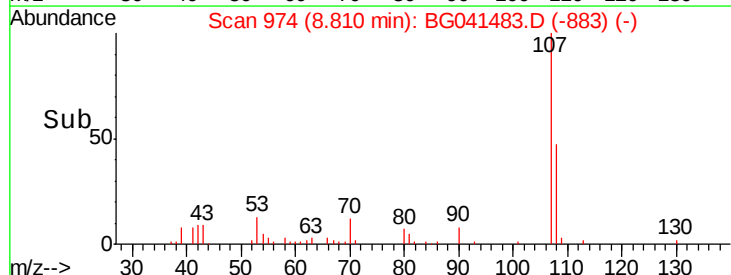
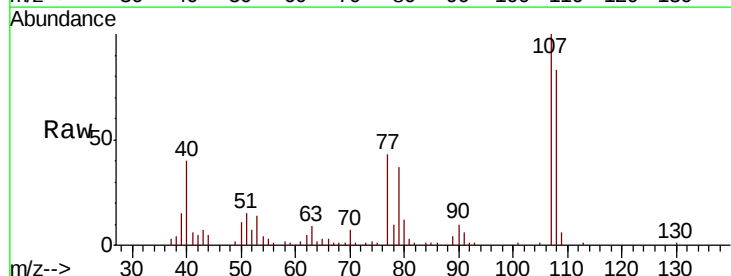
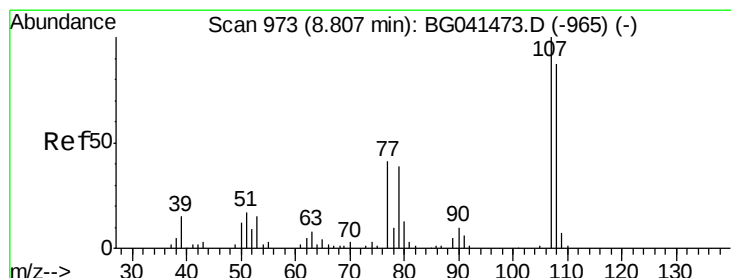
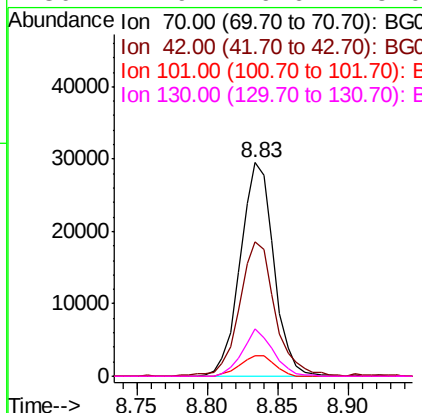
#19
n-Nitroso-di-n-propylamine
Concen: 27.265 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.8	52.6	78.8	
101	9.3	8.6	13.0	
130	21.9	16.6	25.0	

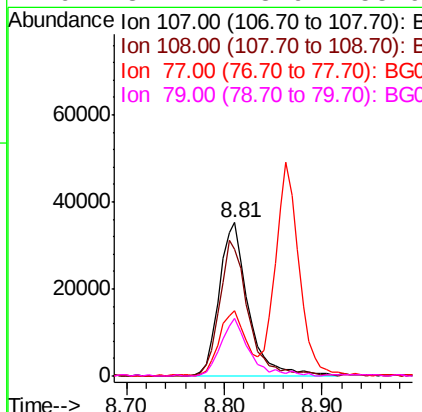
Manual Integrations
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mohammad
7/1/2019 8:10:55 AM



#20
3+4-Methylphenols
Concen: 30.975 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.6	67.0	107.0	
77	42.7	20.6	60.6	
79	37.4	18.9	58.9	





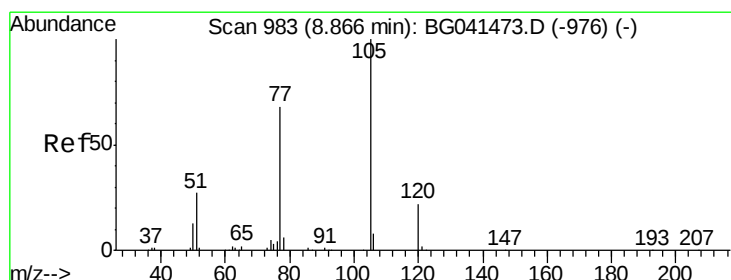
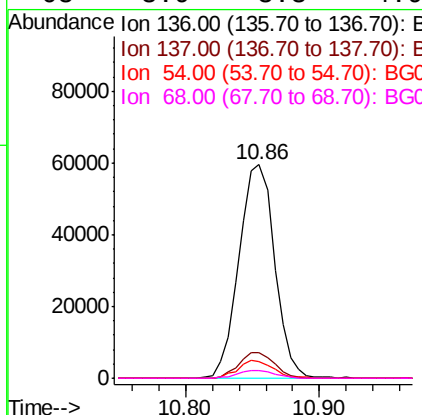
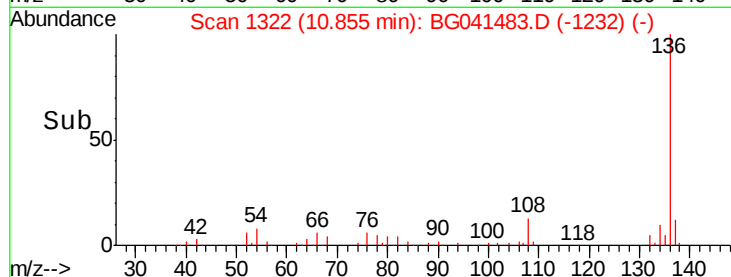
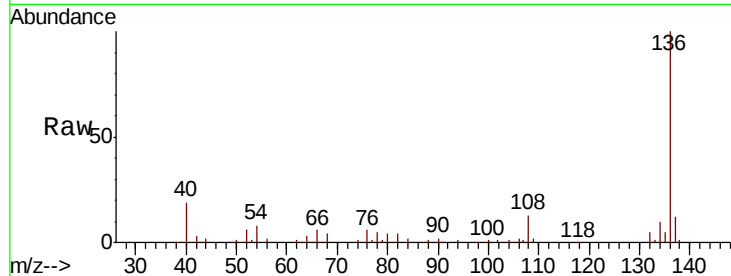
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	110210		
137	11.8	9.3	13.9	
54	8.1	7.1	10.7	
68	3.9	3.3	4.9	

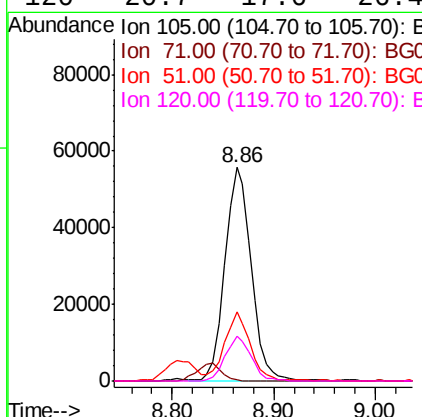
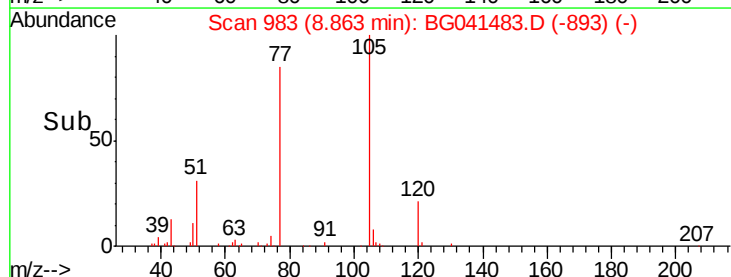
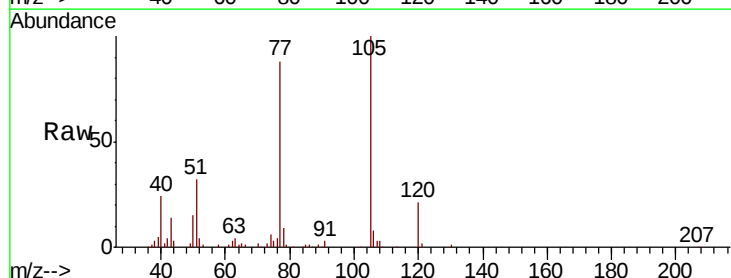
Manual Integrations
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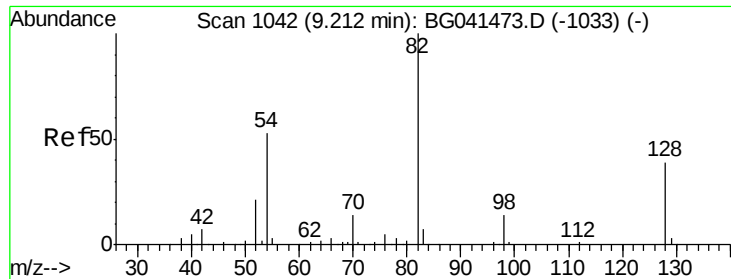
mohammad
7/1/2019 8:10:55 AM



#22
Acetophenone
Concen: 30.353 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100341		
71	0.4	0.5	0.7#	
51	32.3	25.0	37.6	
120	20.7	17.6	26.4	





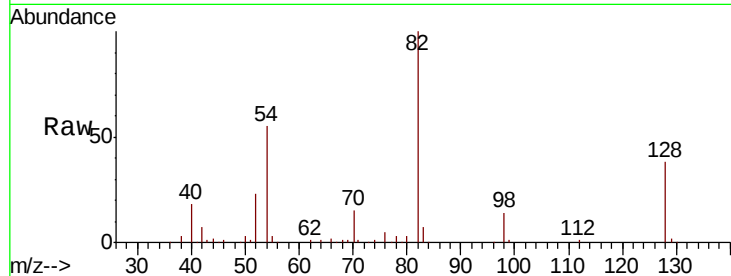
#23
 Nitrobenzene-d5
 Concen: 64.099 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	169380		
128	37.6	30.9	46.3	
54	54.8	42.2	63.2	

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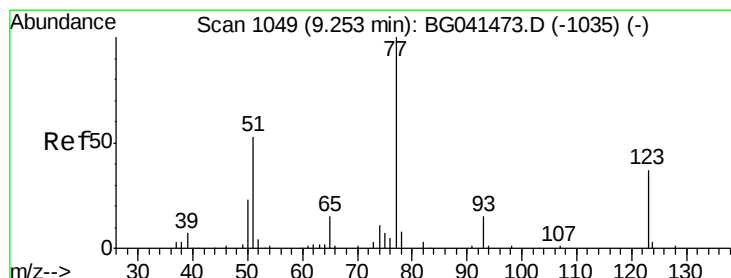
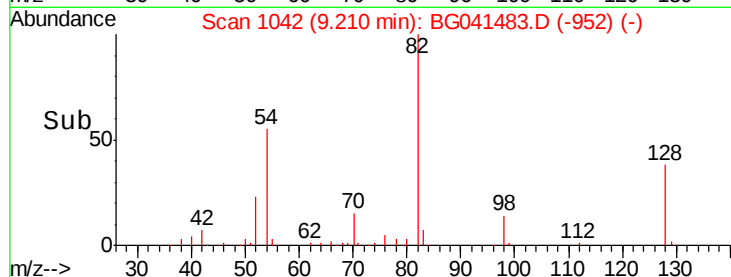
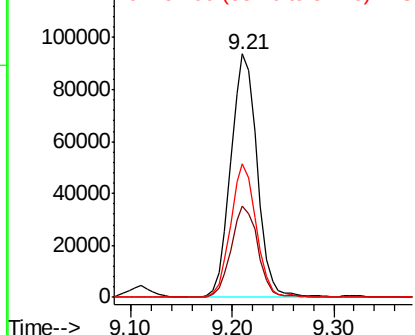


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 29.965 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

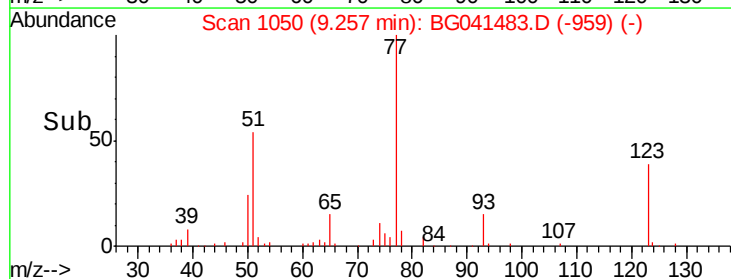
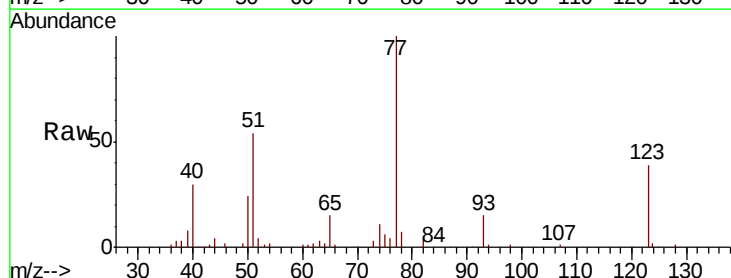
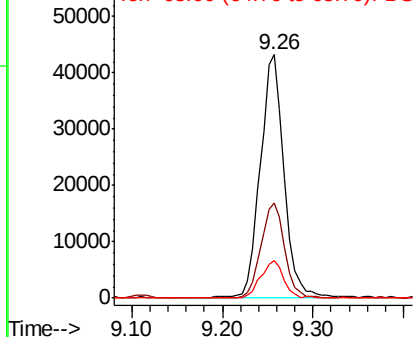
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	79480		
123	39.3	29.9	44.9	
65	15.5	12.2	18.4	

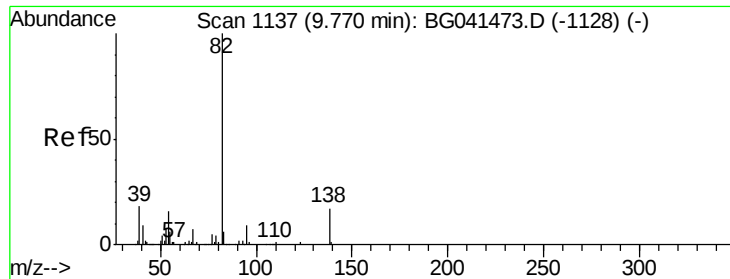
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 28.911 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

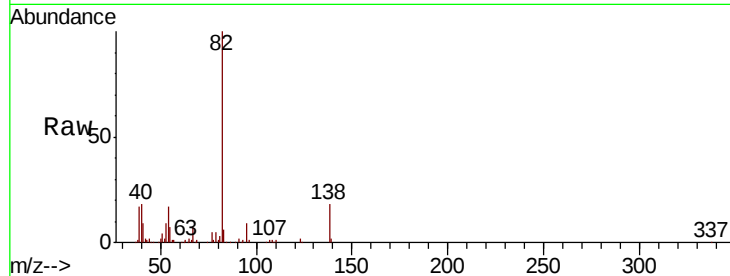
ClientSampleId :

B-2(9-10)MS

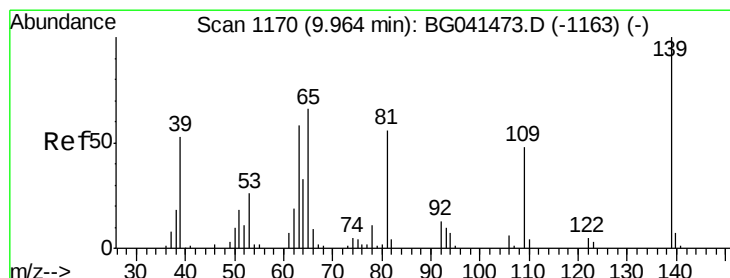
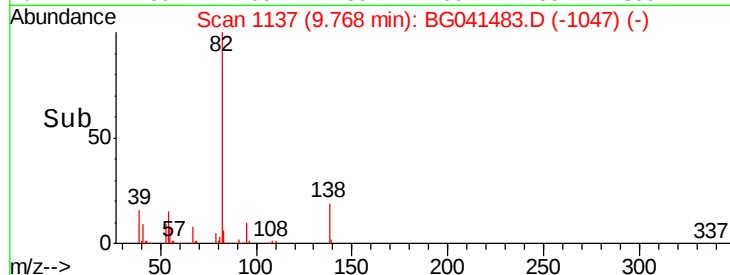
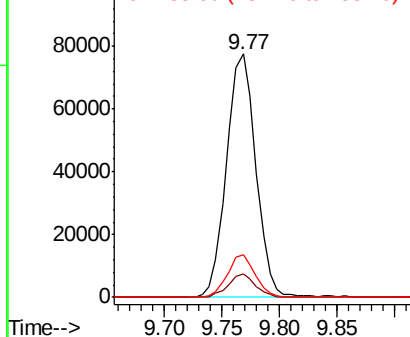
Tot Ion:	82	Resp:	137163
Ion Ratio	Lower	Upper	
82	100		
95	9.4	6.8	10.2
138	17.6	13.7	20.5

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 31.269 ng

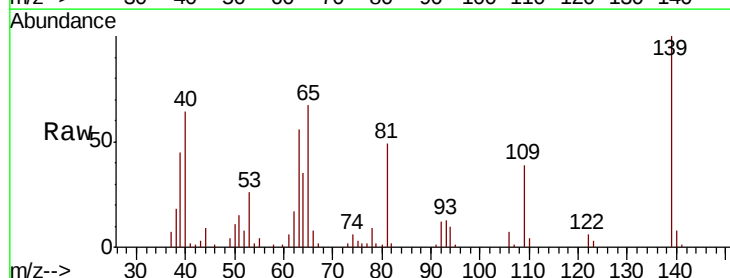
RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

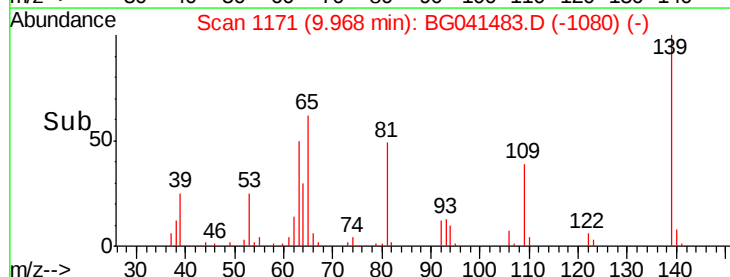
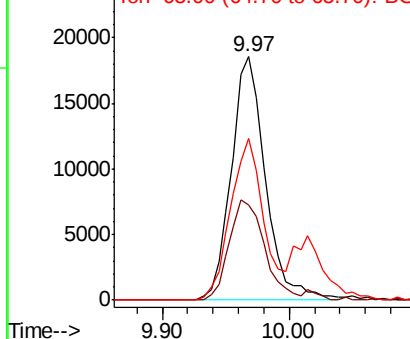
Lab File: BG041483.D

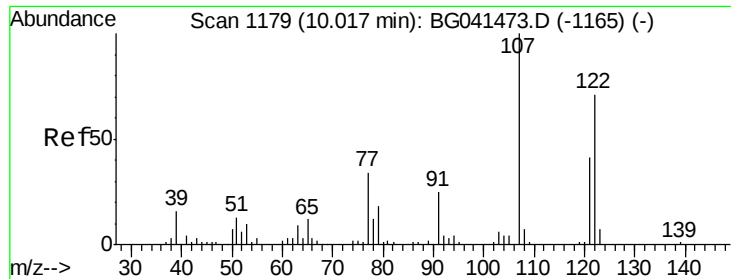
Acq: 27 Jun 2019 9:56

Tgt Ion:	139	Resp:	34637
Ion Ratio	Lower	Upper	
139	100		
109	38.9	38.6	57.8
65	66.6	52.6	78.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 34.102 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

Tot Ion:122 Resp: 52575

Ion Ratio Lower Upper

122 100

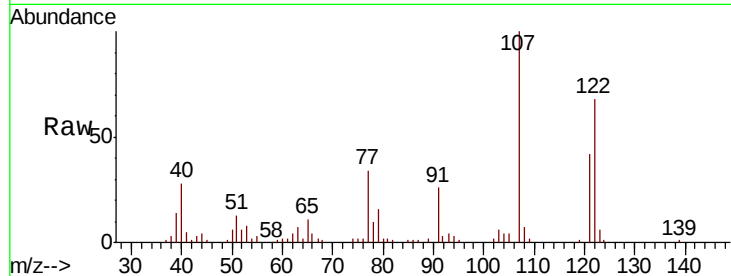
107 146.9 112.9 169.3

121 61.2 46.1 69.1

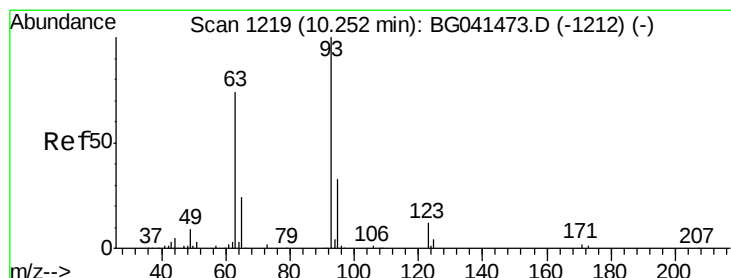
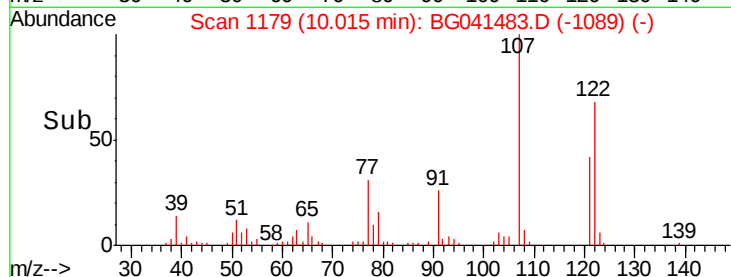
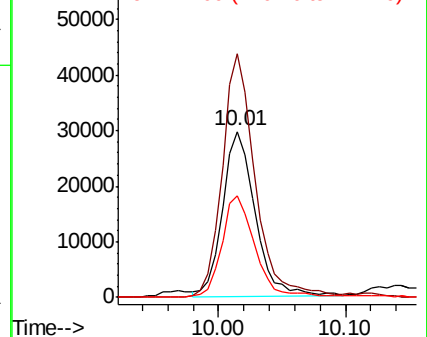
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.118 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

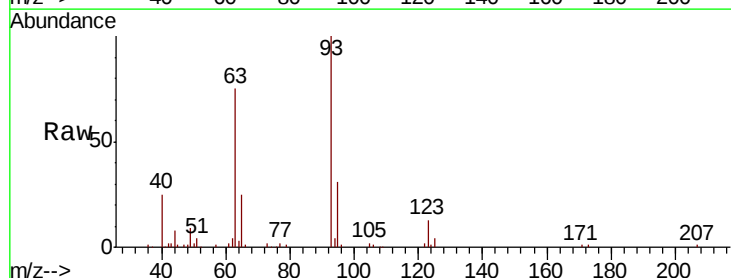
Tgt Ion: 93 Resp: 73048

Ion Ratio Lower Upper

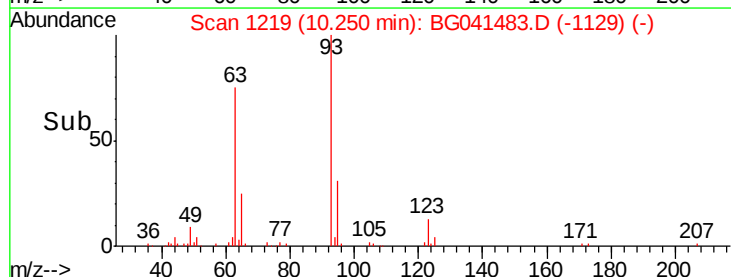
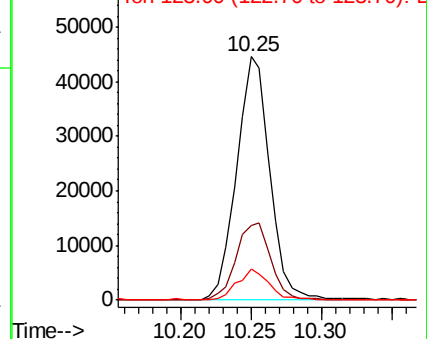
93 100

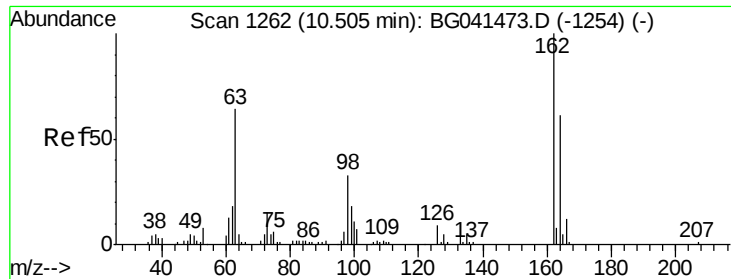
95 30.7 26.2 39.2

123 12.8 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





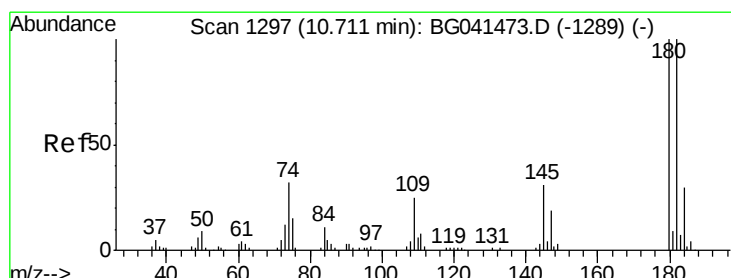
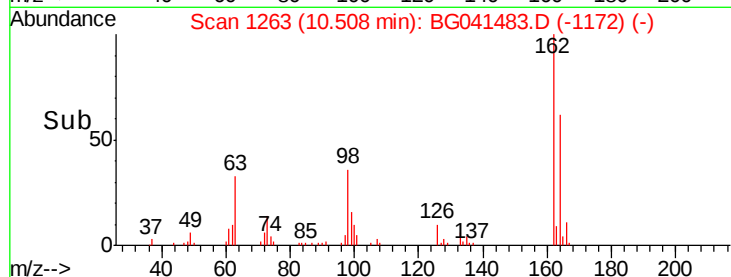
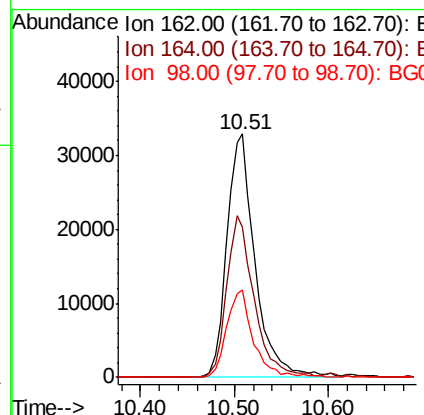
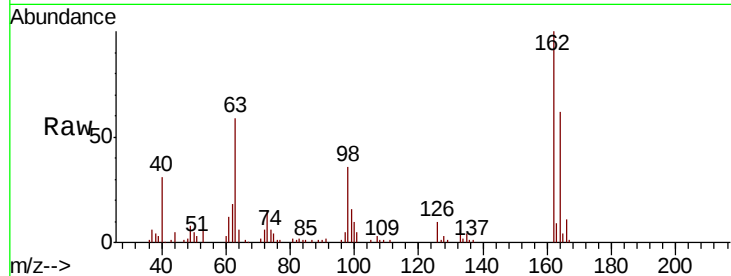
#29
 2,4-Dichlorophenol
 Concen: 32.848 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	41.3	81.3
98	35.7	13.2	53.2

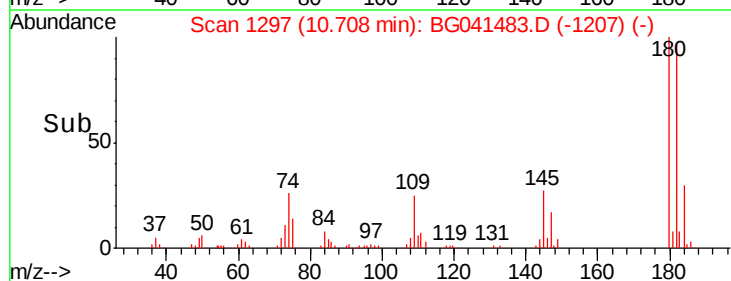
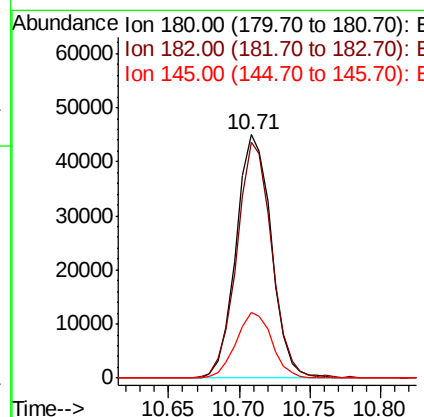
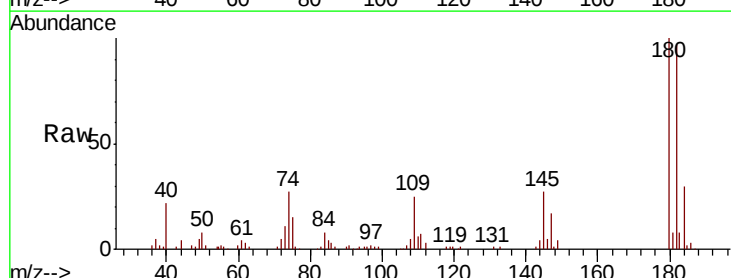
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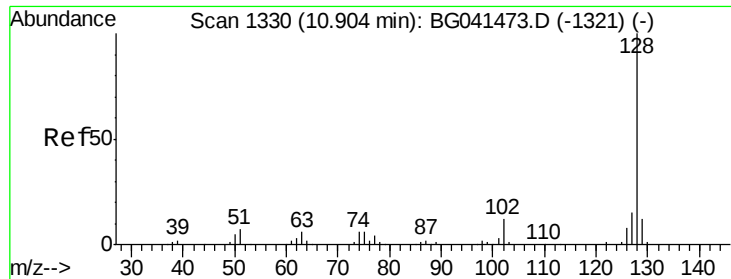
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.326 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	79.9	119.9
145	26.9	24.7	37.1





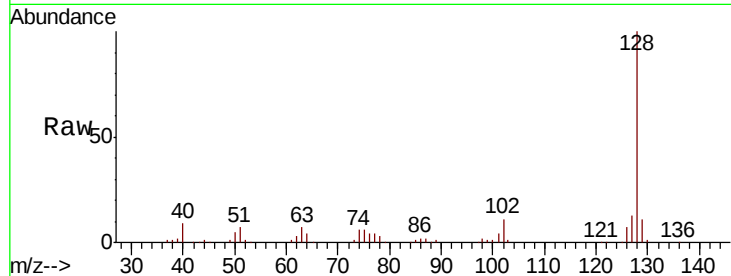
#31
Naphthalene
Concen: 31.295 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampled :
B-2(9-10)MS

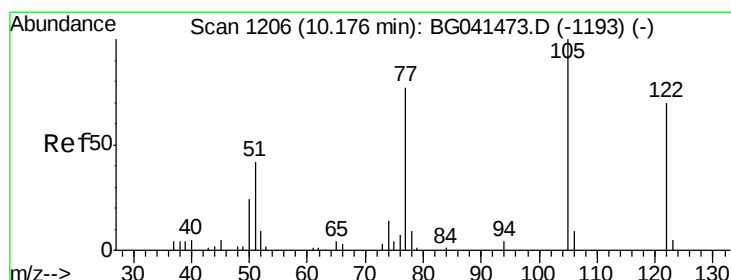
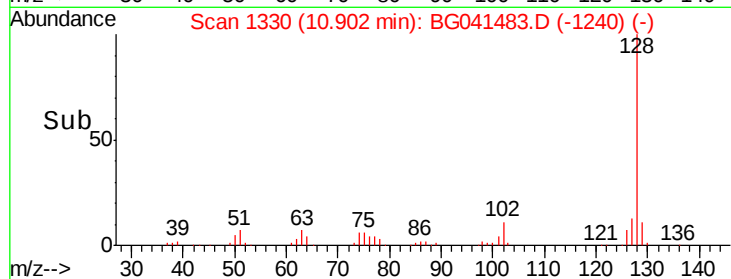
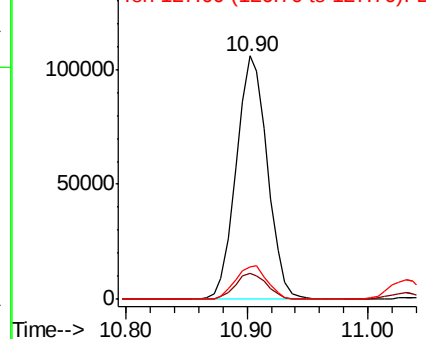
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.7	14.5
127	13.4	11.6	17.4

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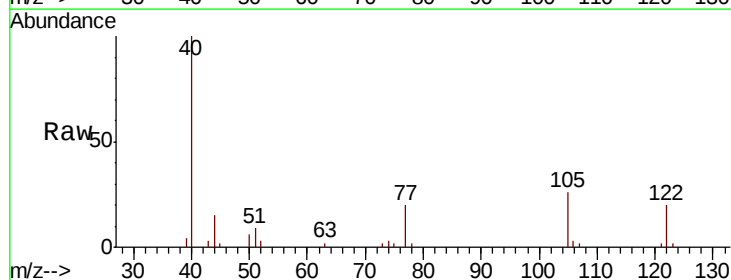


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

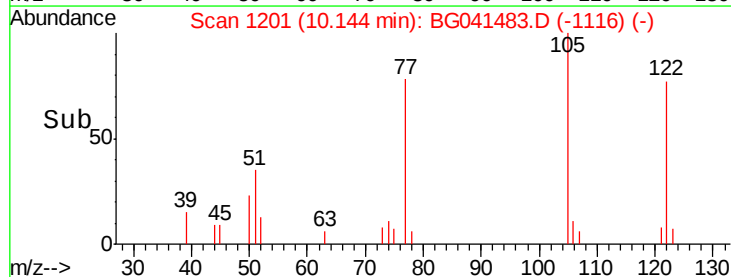
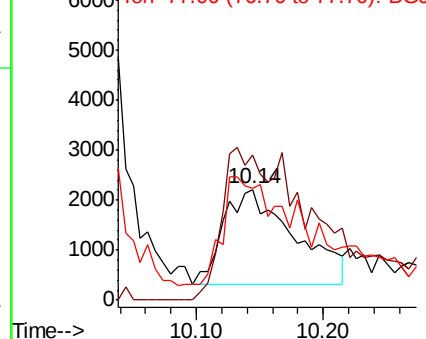


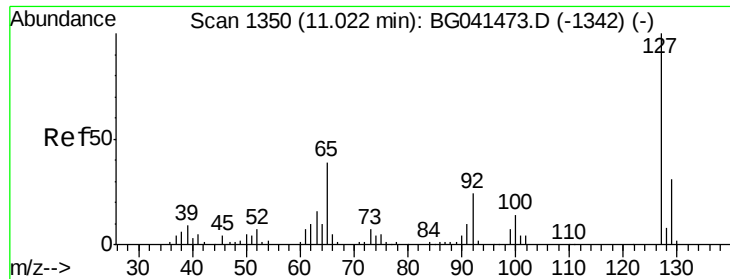
#32
Benzoic acid
Concen: 14.189 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	117.8	157.8
77	101.2	88.9	128.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





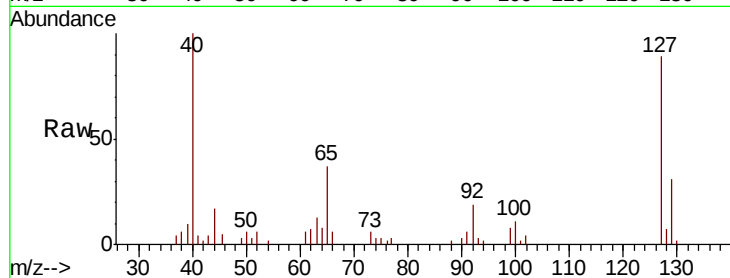
#33
4-Chloroaniline
Concen: 7.635 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

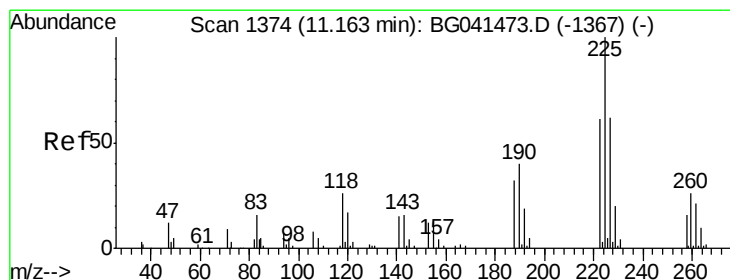
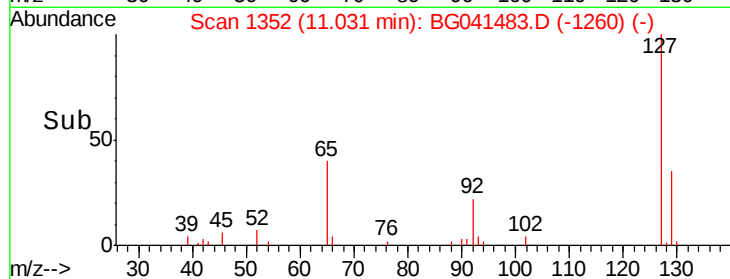
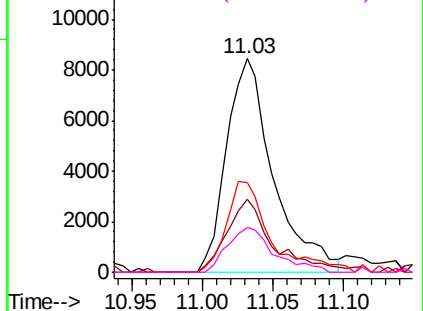
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.6	37.0
65	41.9	31.5	47.3
92	21.1	18.9	28.3

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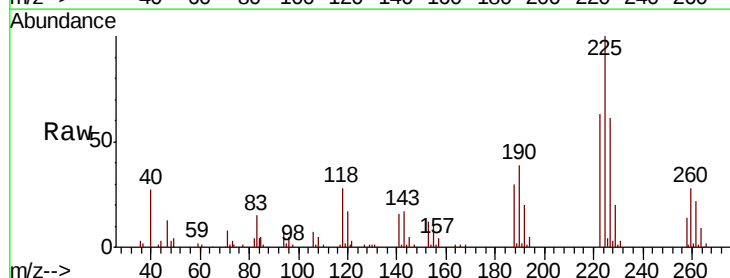


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

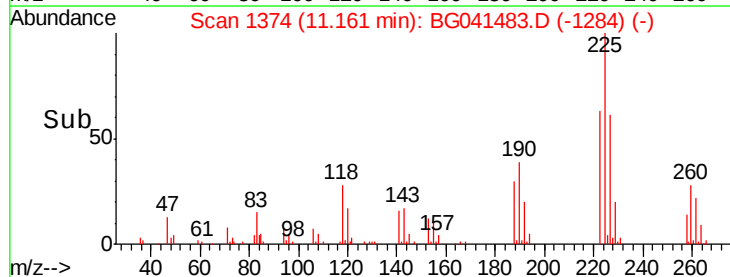
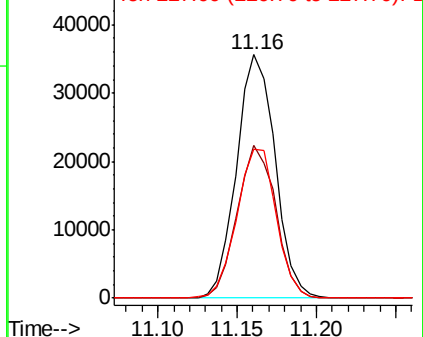


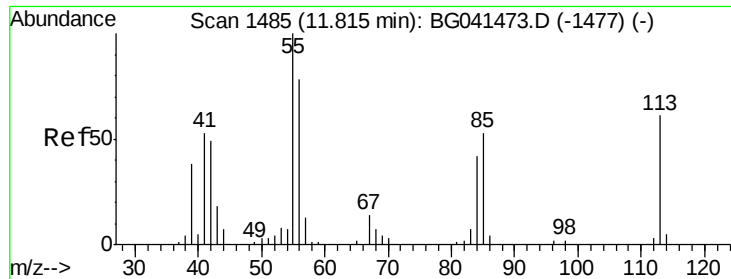
#34
Hexachlorobutadiene
Concen: 28.393 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.6	72.8
227	61.1	49.3	73.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.641 ng/mL

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

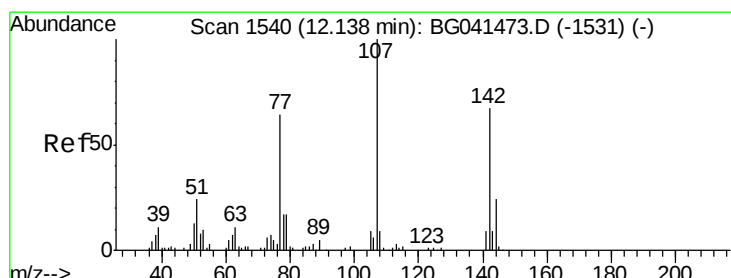
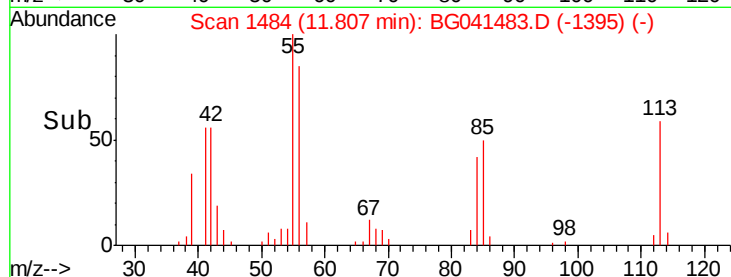
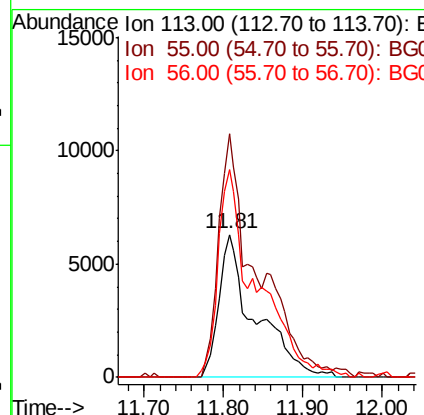
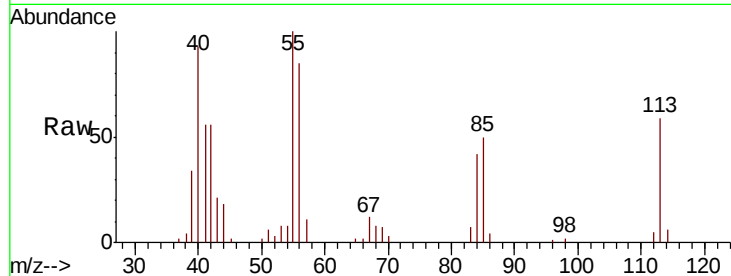
ClientSampleId :

B-2(9-10)MS

Tot Ion:113 Resp: 19923
 Ion Ratio Lower Upper
 113 100
 55 170.2 145.1 185.1
 56 145.3 109.4 149.4

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#36

4-Chloro-3-methylphenol

Concen: 32.419 ng/mL

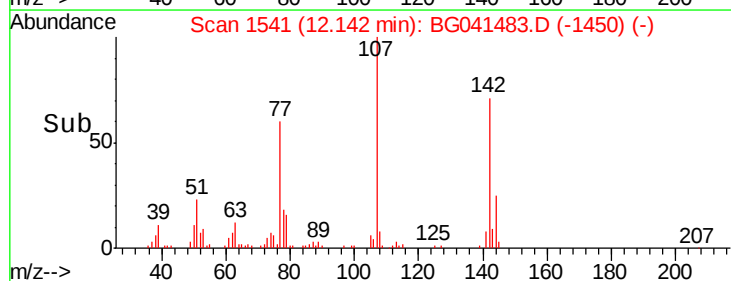
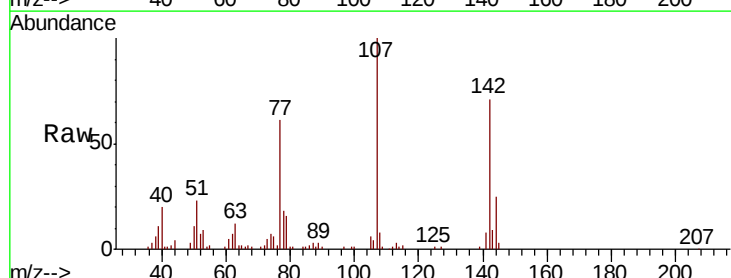
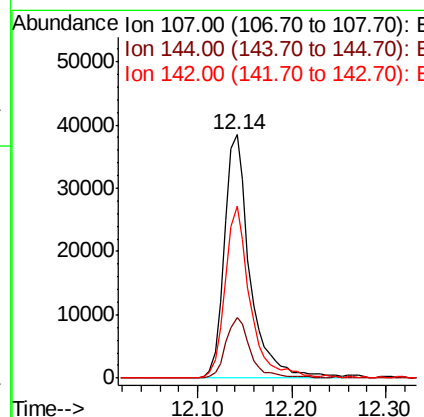
RT: 12.14 min Scan# 1541

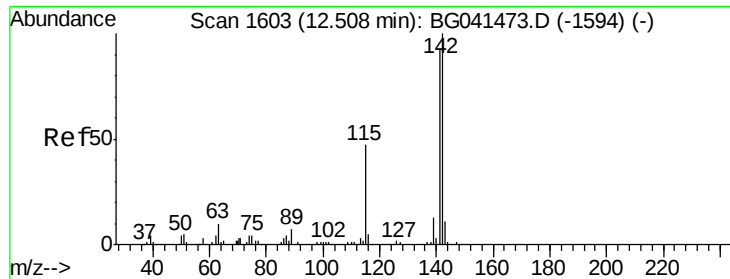
Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:107 Resp: 73144
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.4 29.0
 142 70.6 53.8 80.6





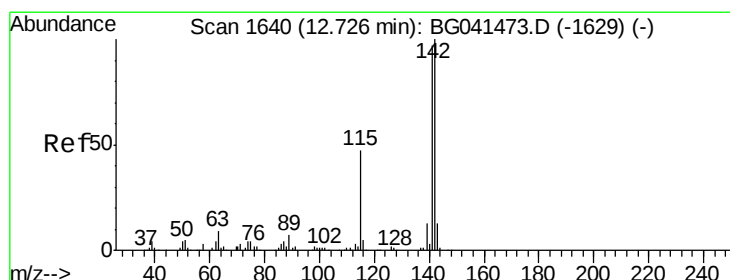
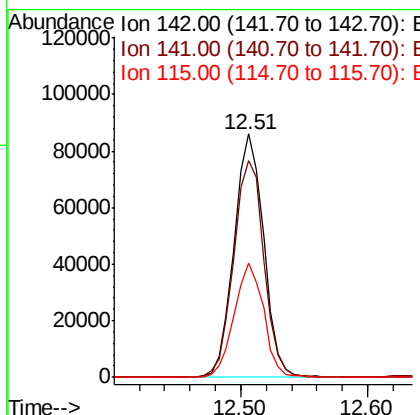
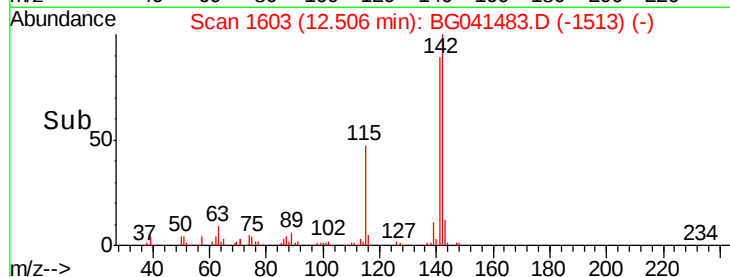
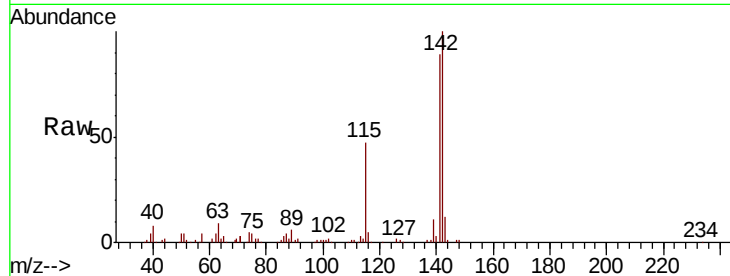
#37
 2-Methylnaphthalene
 Concen: 30.884 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.8	112.2
115	46.8	38.0	57.0

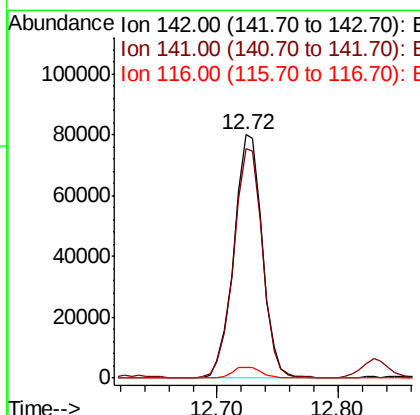
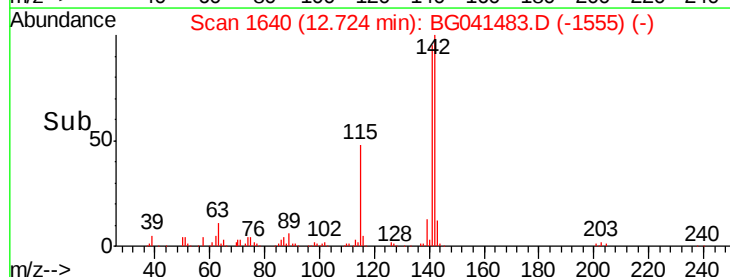
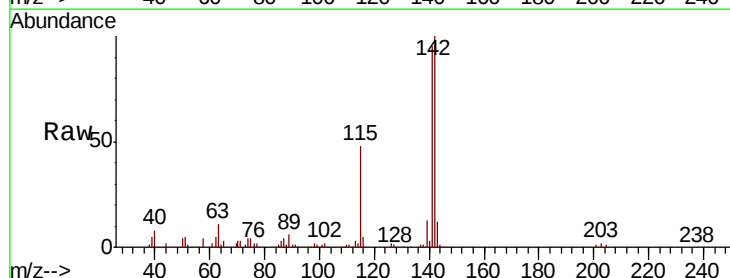
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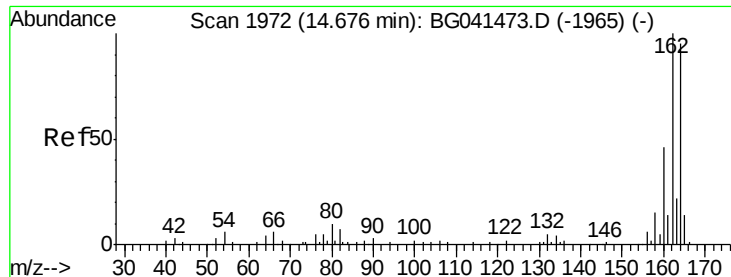
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#38
 1-Methylnaphthalene
 Concen: 30.689 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	77.4	116.2
116	4.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

Tot Ion:164 Resp: 79605

Ion Ratio Lower Upper

164 100

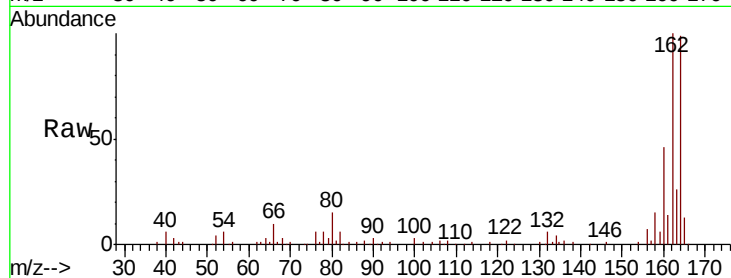
162 100.7 84.4 126.6

160 45.8 38.8 58.2

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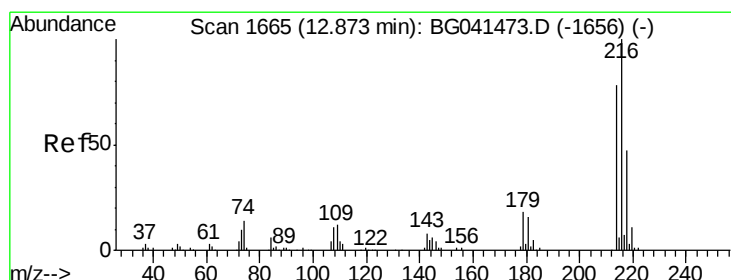
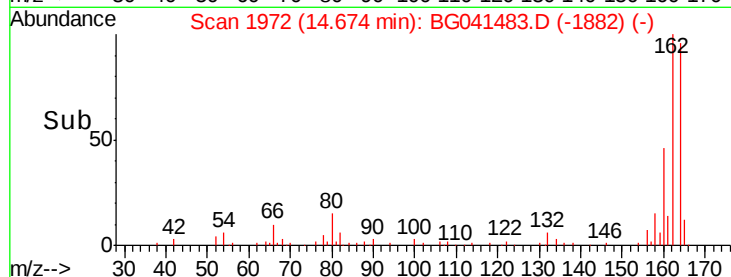
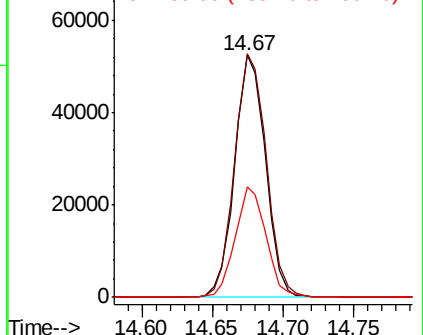


Abundance

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: 30.960 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:216 Resp: 108523

Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 18.7 15.1 22.7

108 15.2 11.7 17.5

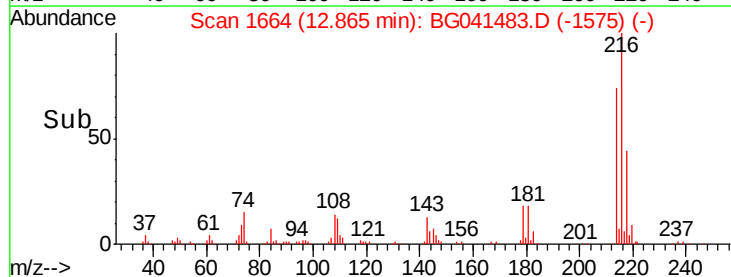
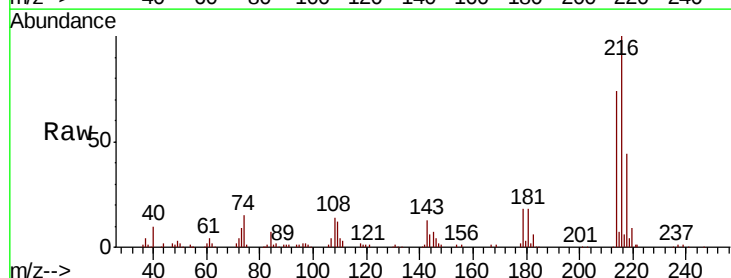
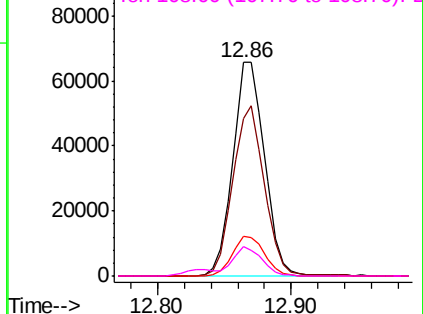
Abundance

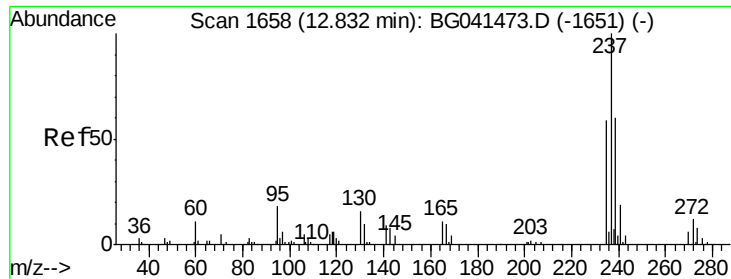
Ion 216.00 (215.70 to 216.70): E

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: 55.115 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

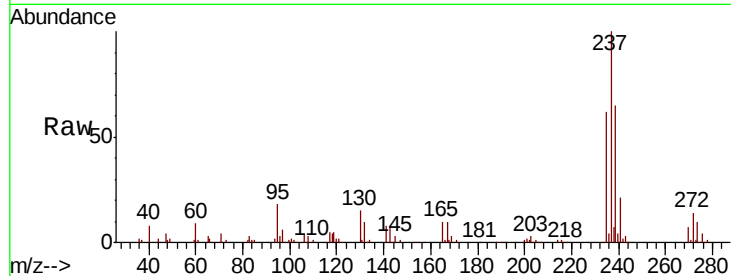
ClientSampleId :

B-2(9-10)MS

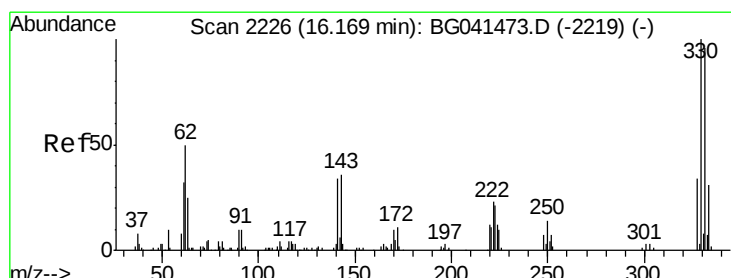
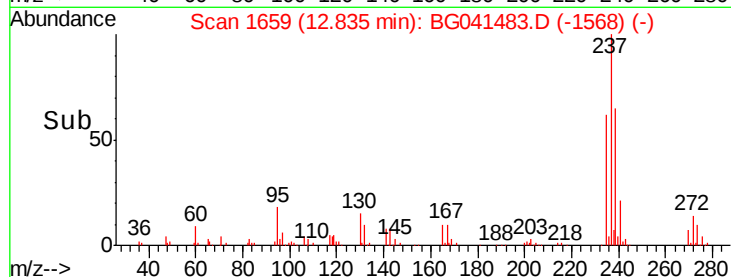
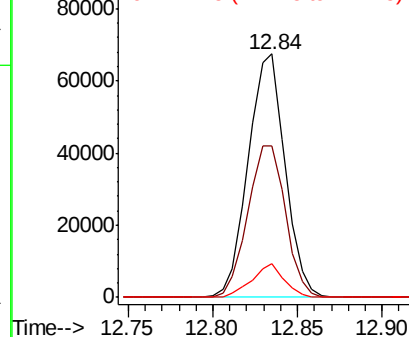
Tot Ion:	237	Resp:	102558
Ion Ratio	Lower	Upper	
237	100		
235	62.0	39.1	79.1
272	13.8	0.0	31.5

Manual Integrations
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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: 98.614 ng

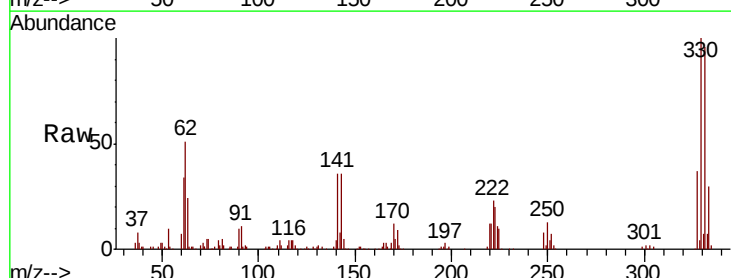
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

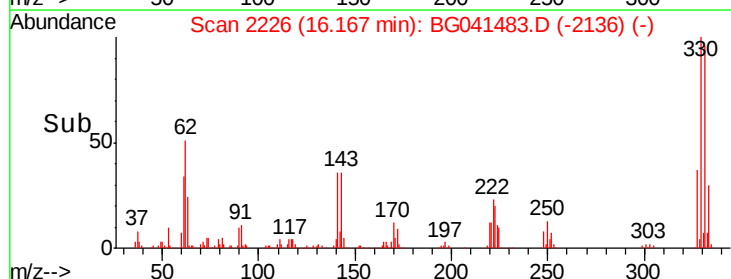
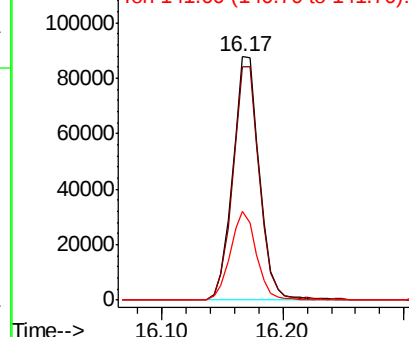
Lab File: BG041483.D

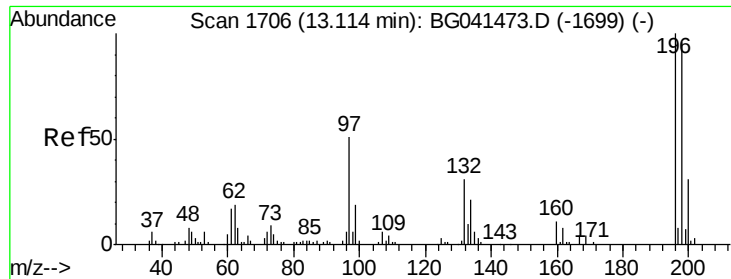
Acq: 27 Jun 2019 9:56

Tgt Ion:	330	Resp:	134036
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.5	113.3
141	35.5	27.8	41.6



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





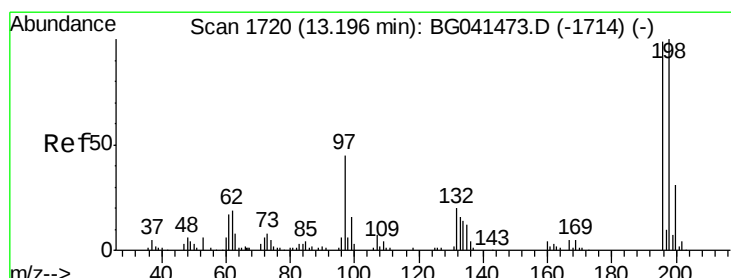
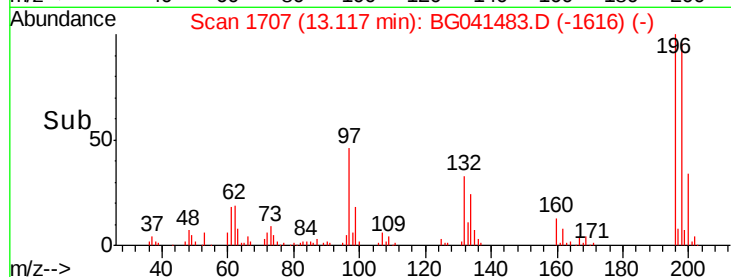
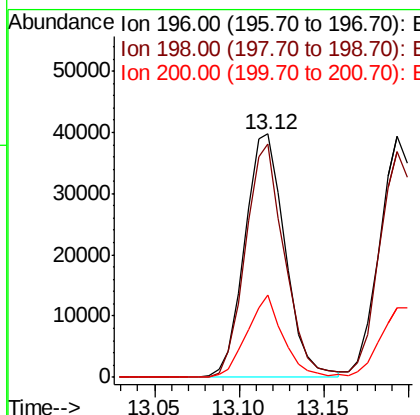
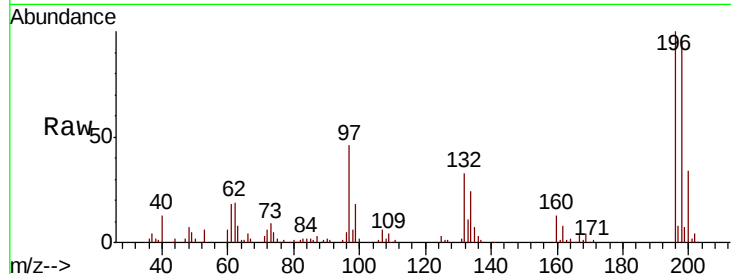
#43
 2,4,6-Trichlorophenol
 Concen: 31.728 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	65984		
198	95.8	76.7	115.1	
200	34.1	24.4	36.6	

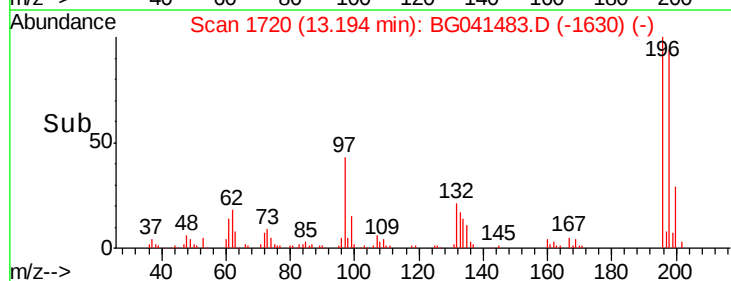
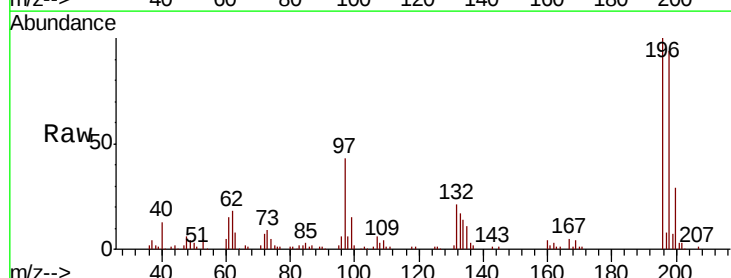
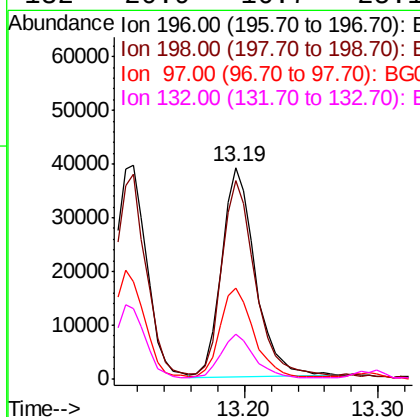
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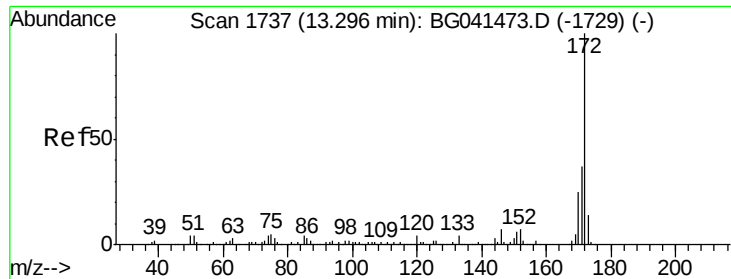
mohammad
 7/1/2019 8:10:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 33.061 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68500		
198	93.8	80.5	120.7	
97	43.0	36.5	54.7	
132	20.9	16.7	25.1	





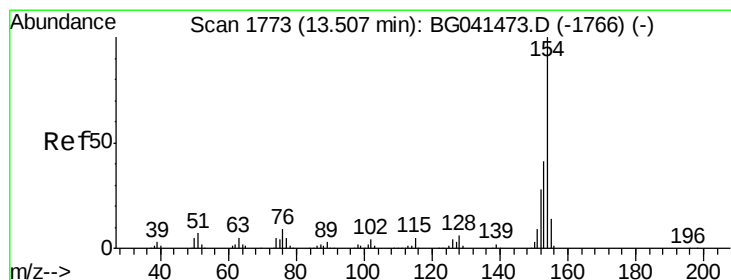
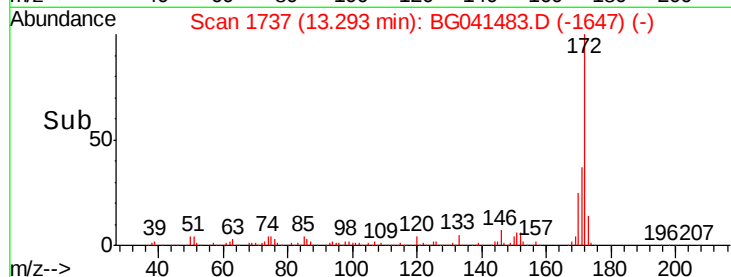
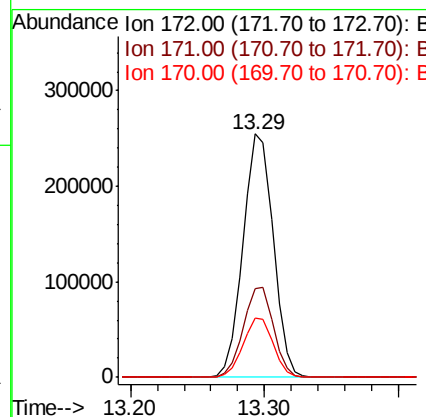
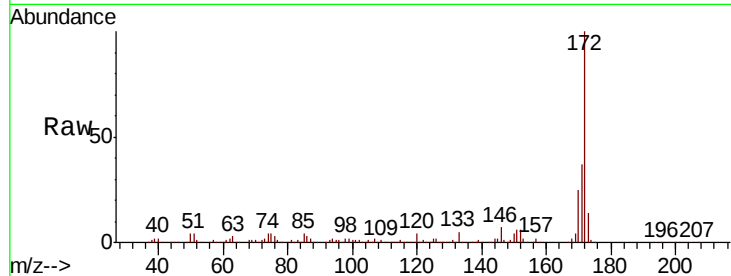
#45
2-Fluorobiphenyl
Concen: 64.135 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	20.0	30.0

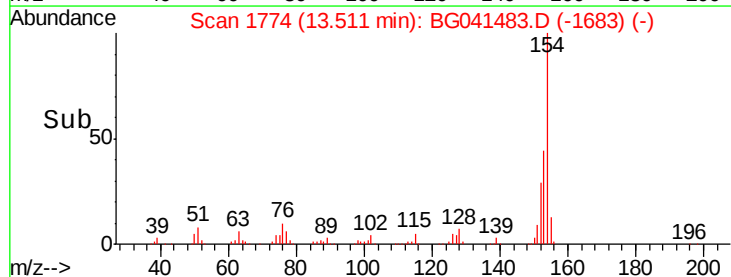
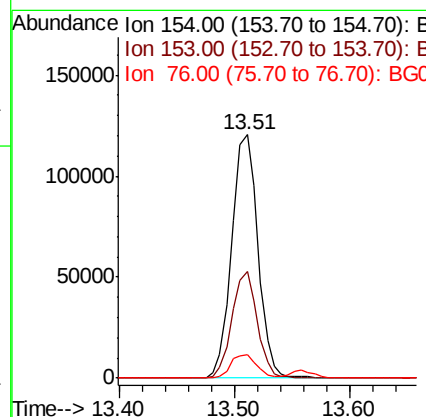
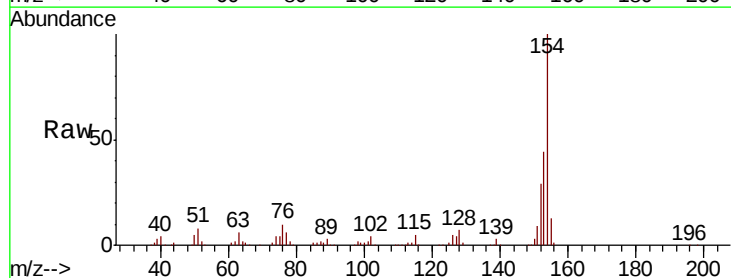
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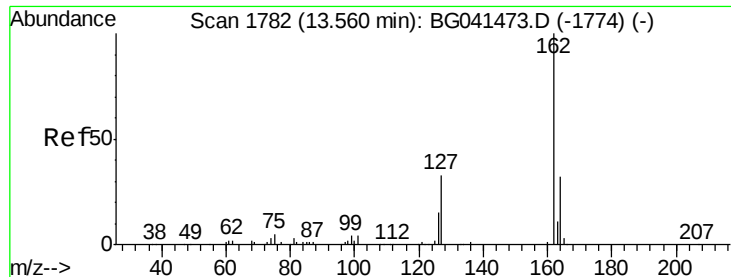
mohammad
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#46
1,1'-Biphenyl
Concen: 30.194 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.9	60.9
76	9.8	0.0	29.4





#47

2-Chloronaphthalene

Concen: 29.707 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

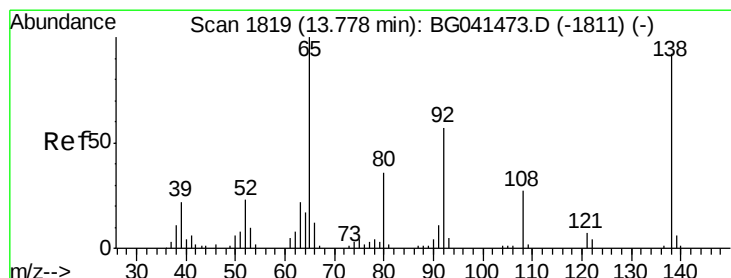
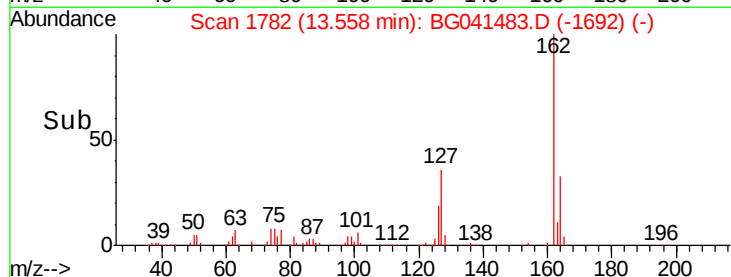
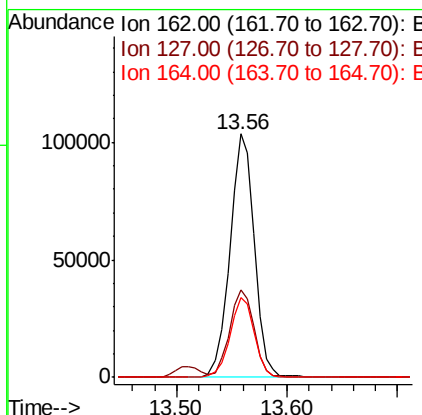
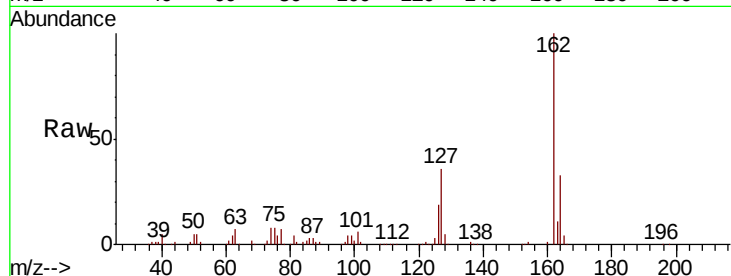
ClientSampleId :

B-2(9-10)MS

Tot Ion:	162	Resp:	160269
Ion Ratio		Lower	Upper
162	100		
127	36.1	30.0	45.0
164	32.8	25.8	38.6

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#48

2-Nitroaniline

Concen: 28.401 ng

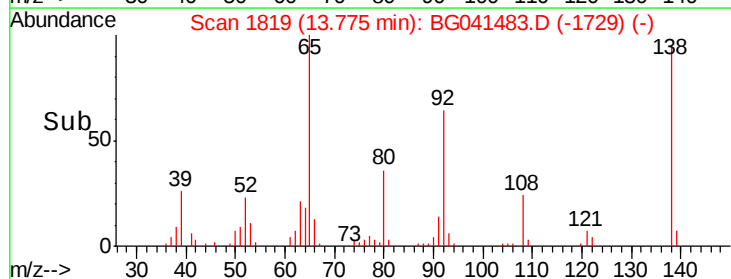
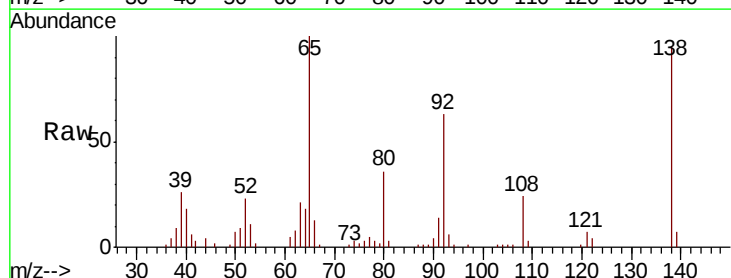
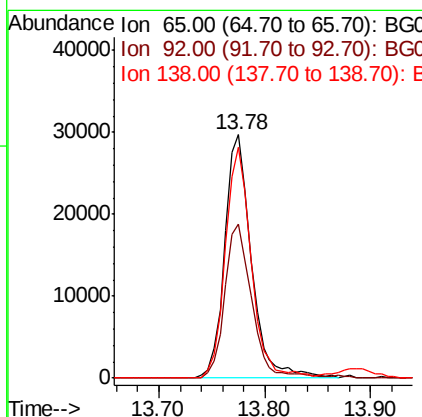
RT: 13.78 min Scan# 1819

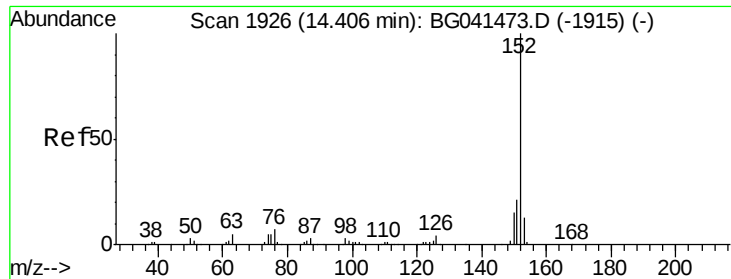
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:	65	Resp:	51941
Ion Ratio		Lower	Upper
65	100		
92	63.4	45.9	68.9
138	94.9	73.4	110.2





#49

Acenaphthylene

Concen: 31.394 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

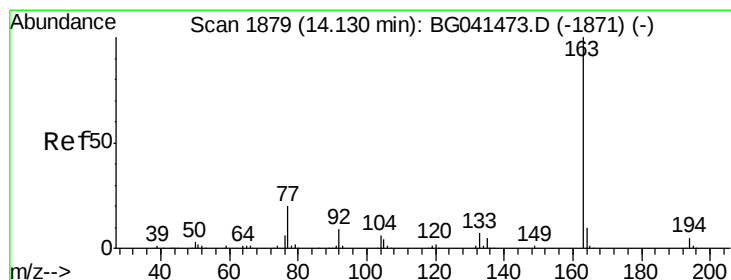
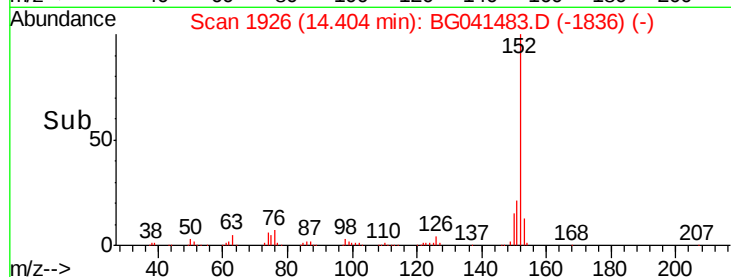
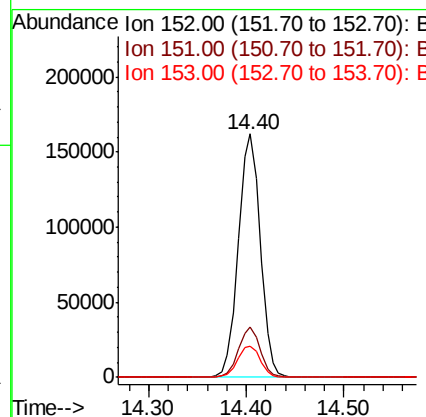
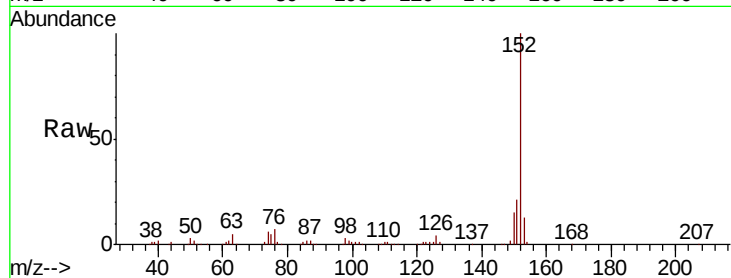
ClientSampleId :

B-2(9-10)MS

Tot Ion:	152	Resp:	253158
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.7	25.1
153	13.0	10.8	16.2

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#50

Dimethylphthalate

Concen: 37.335 ng

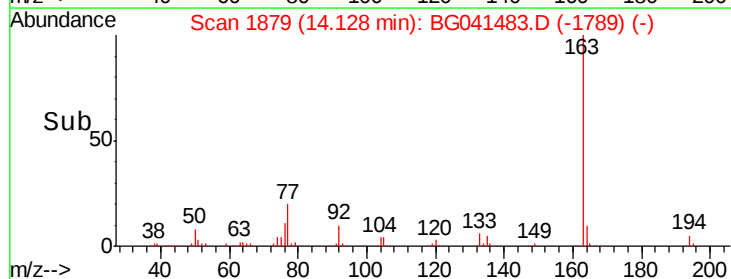
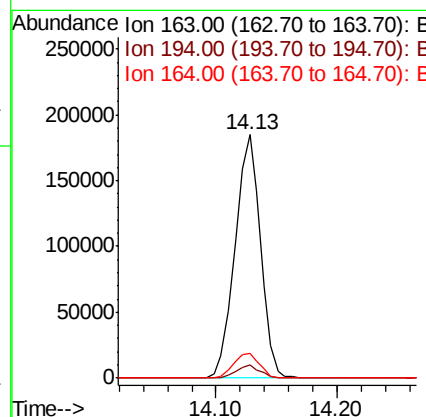
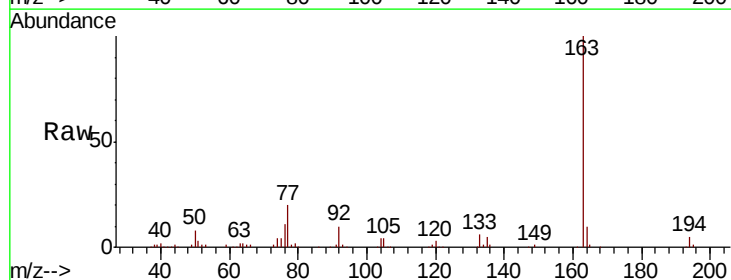
RT: 14.13 min Scan# 1879

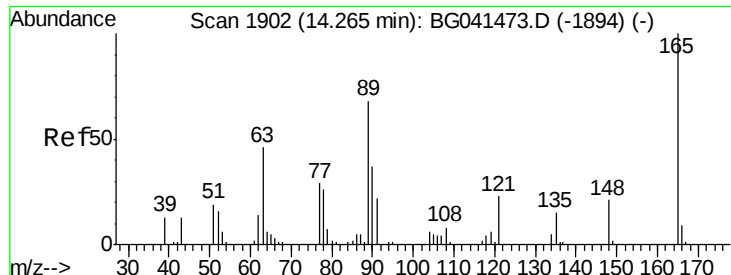
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:	163	Resp:	270462
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.7	5.5
164	10.4	7.8	11.6





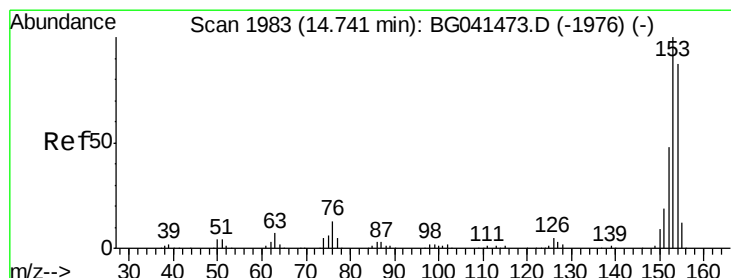
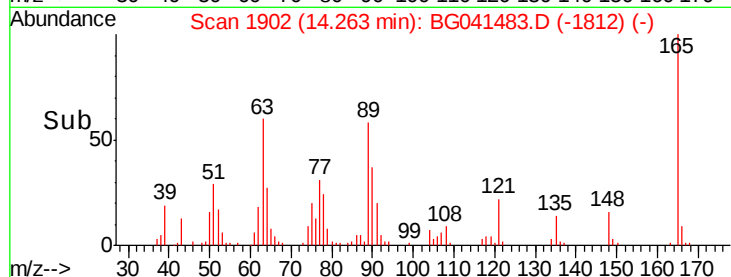
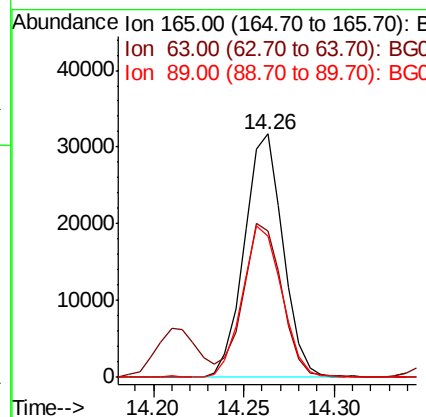
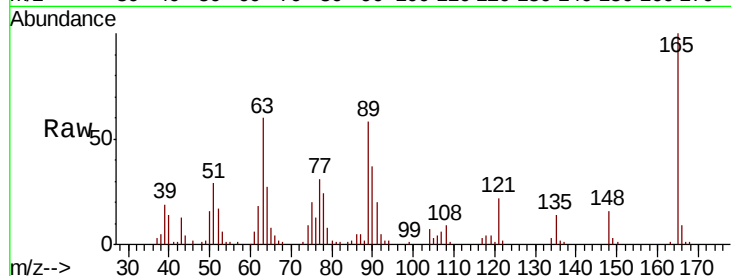
#51
2,6-Dinitrotoluene
Concen: 30.662 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	47138		
63	60.4		56.4	84.6
89	58.0		54.6	81.8

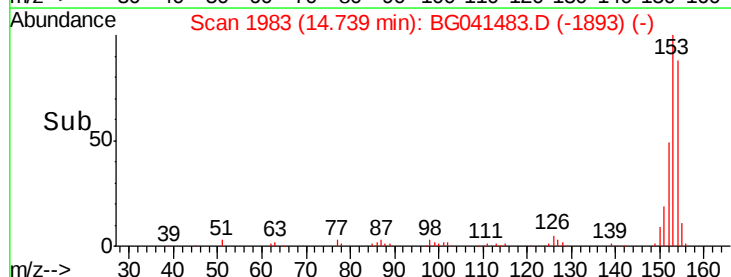
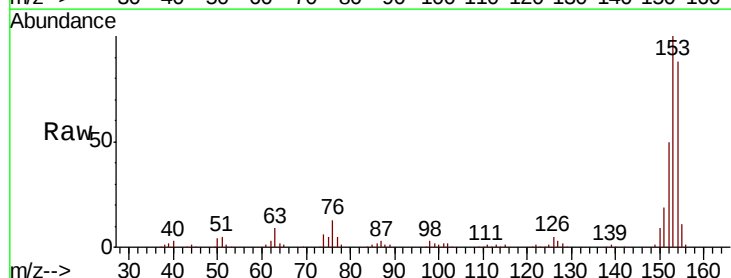
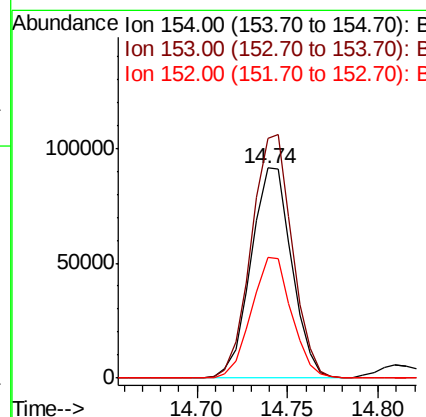
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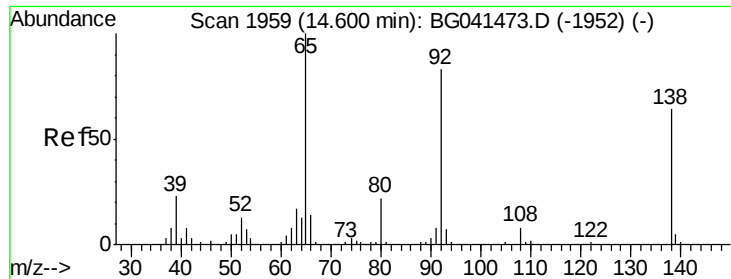
mohammad
7/1/2019 8:10:55 AM



#52
Acenaphthene
Concen: 29.958 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	143257		
153	114.3		92.2	138.4
152	57.2		44.1	66.1





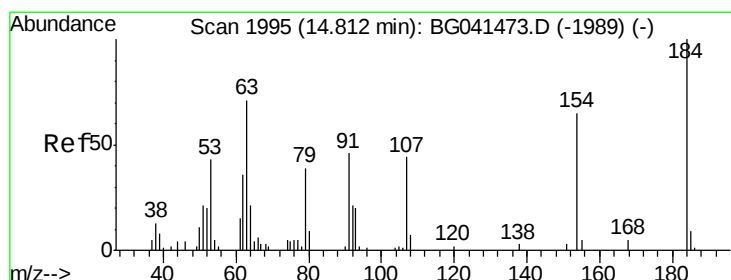
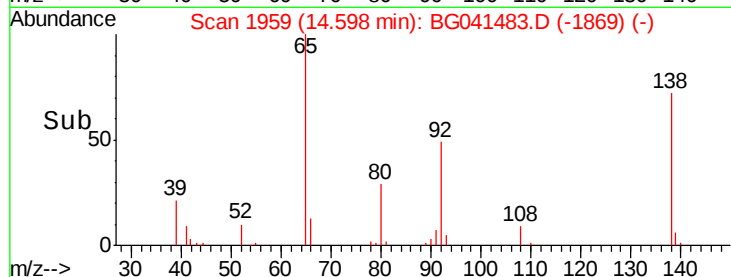
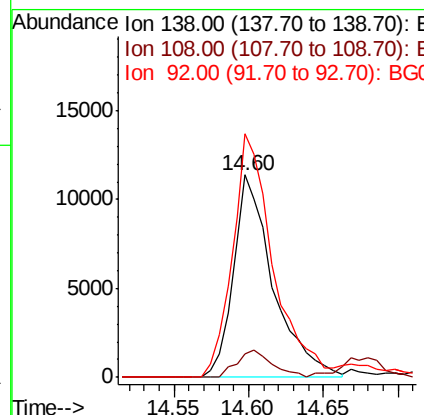
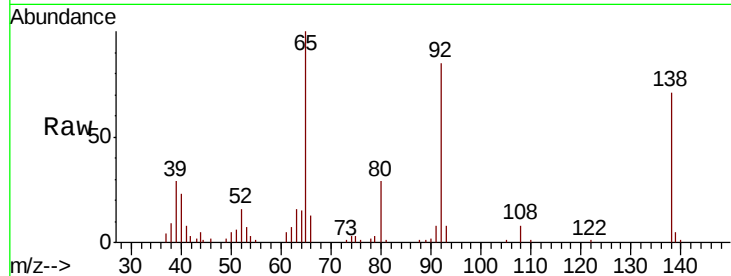
#53
3-Nitroaniline
Concen: 14.426 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.5	14.3
92	120.2	103.3	154.9

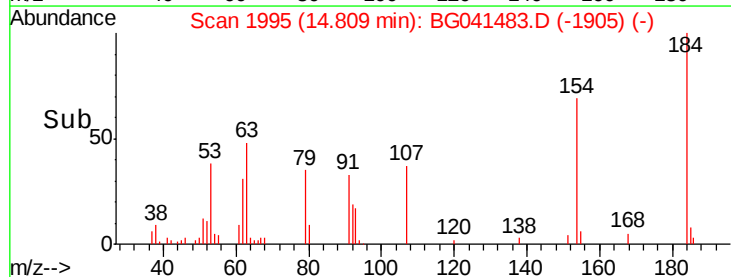
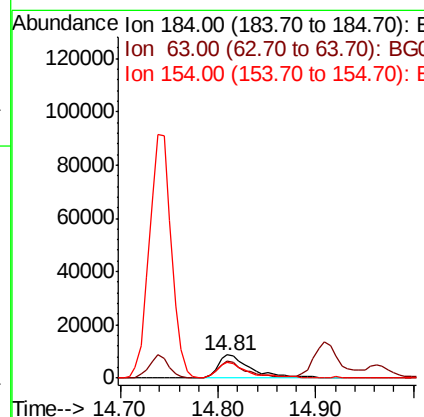
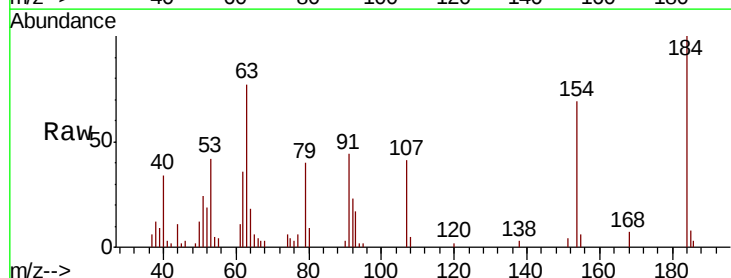
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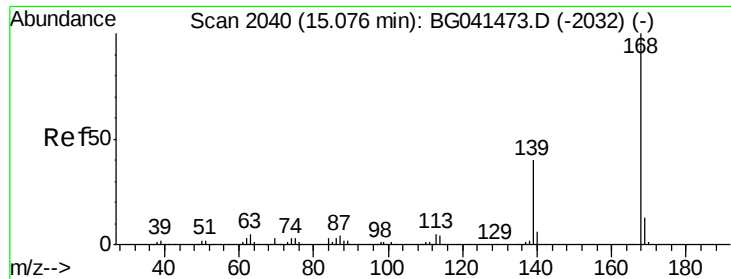
mohammad
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#54
2,4-Dinitrophenol
Concen: 27.141 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.8	56.5	84.7
154	69.3	54.2	81.4





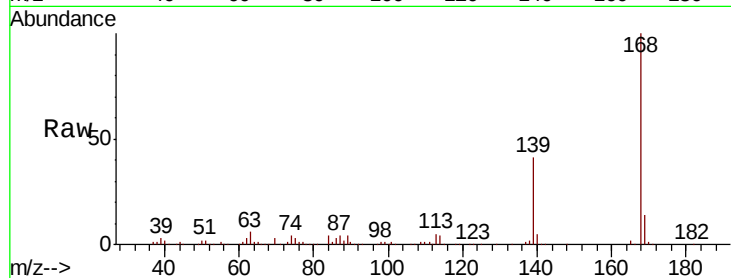
#55
Dibenzenofuran
Concen: 30.938 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.2	48.4
169	13.7	10.6	16.0

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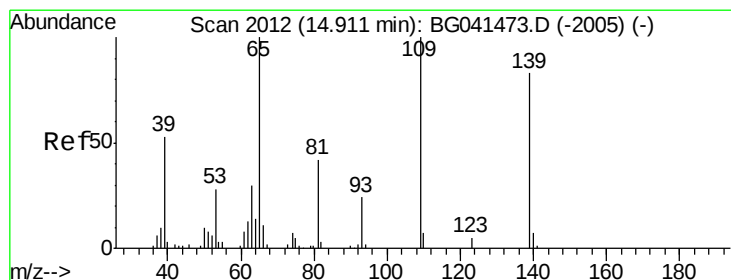
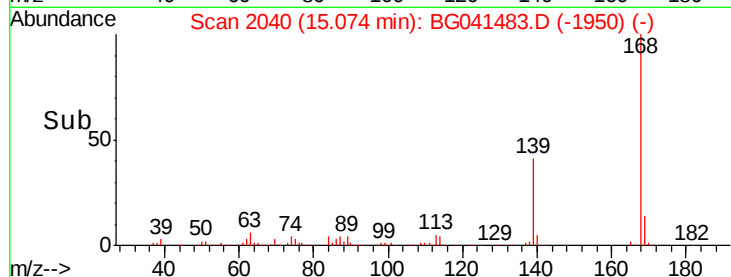
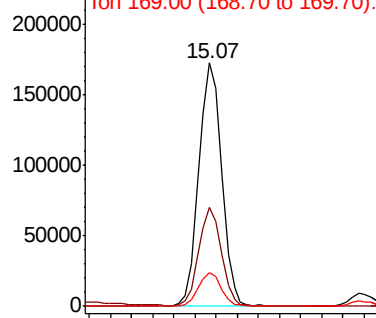


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.298 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

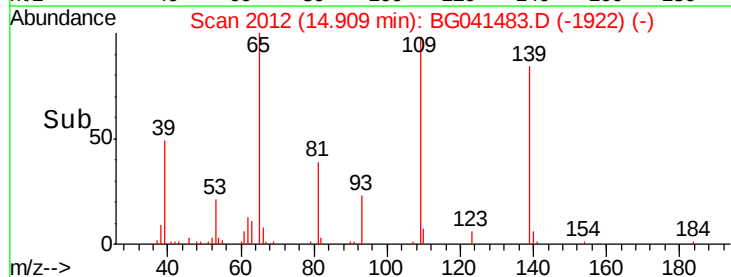
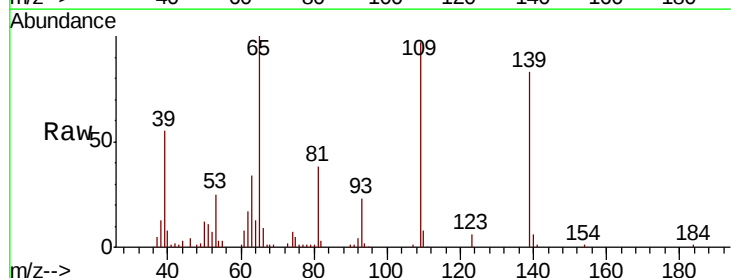
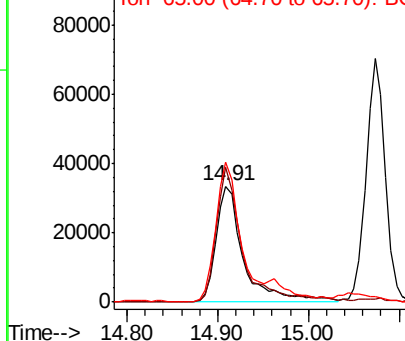
Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.6	99.9	139.9
65	120.2	100.6	140.6

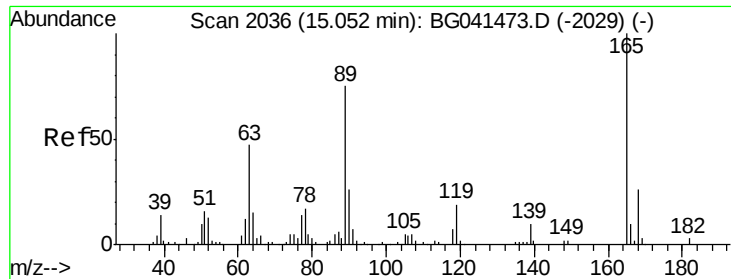
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





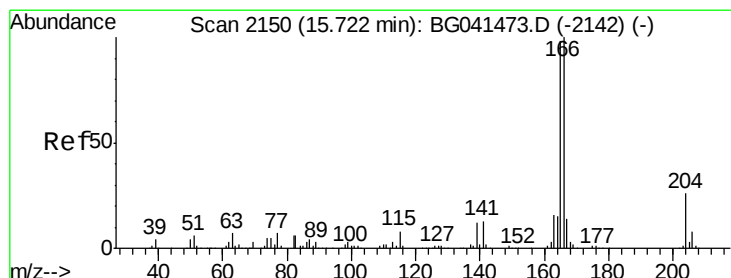
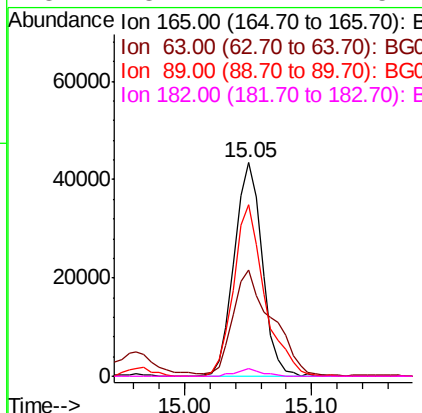
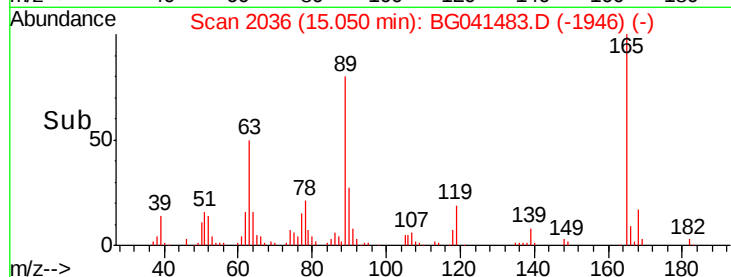
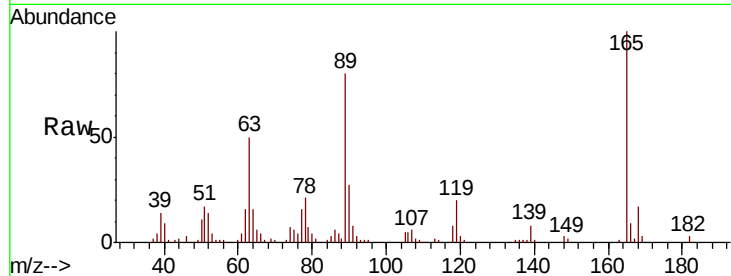
#57
2,4-Dinitrotoluene
Concen: 29.614 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	66046		
63	49.7		38.8	58.2
89	80.5		60.1	90.1
182	3.4		2.2	3.2#

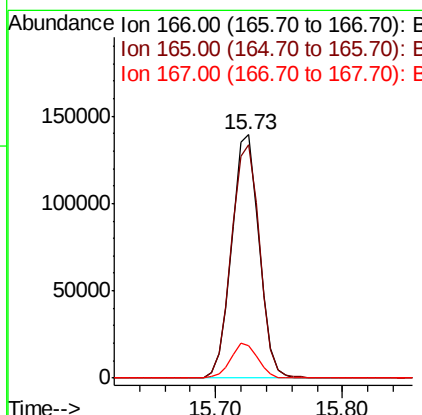
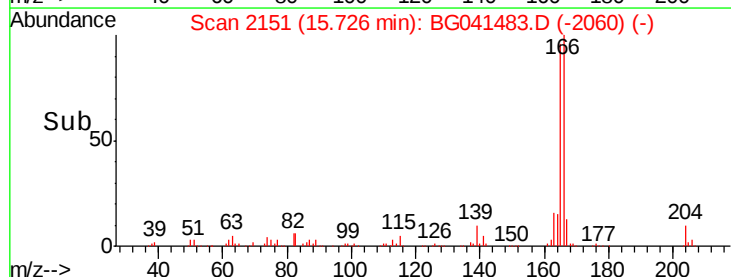
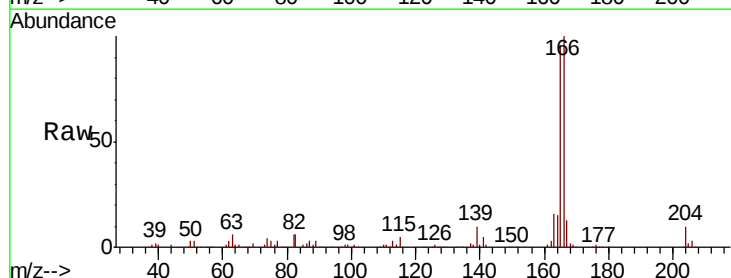
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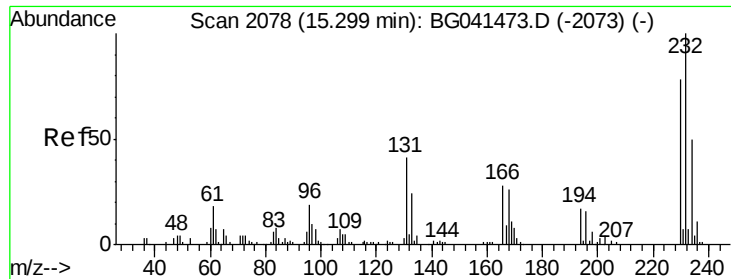
mohammad
7/1/2019 8:10:55 AM



#58
Fluorene
Concen: 31.298 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	207278		
165	95.6		78.6	117.8
167	13.3		11.4	17.0





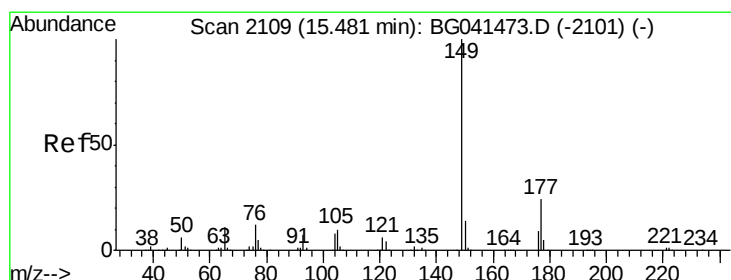
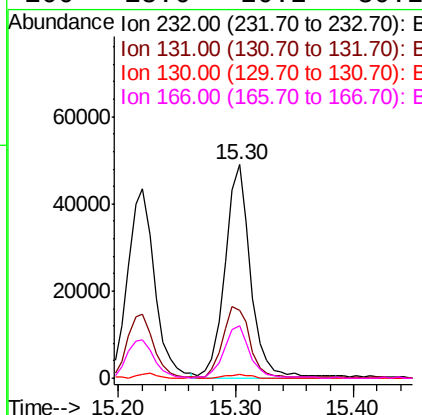
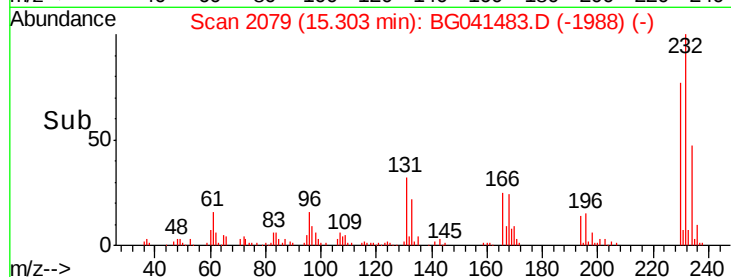
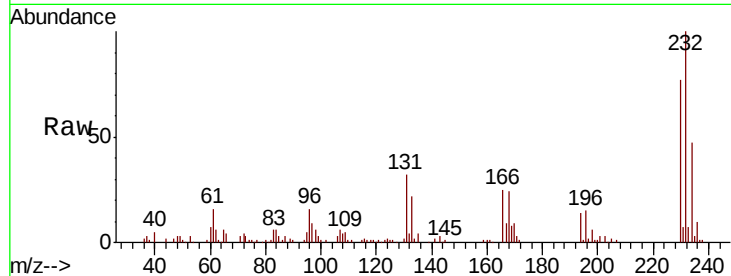
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.451 ng/ml
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	75249		
131	30.5		29.8	44.6
130	1.9		2.0	3.0
166	18.6		20.2	30.2

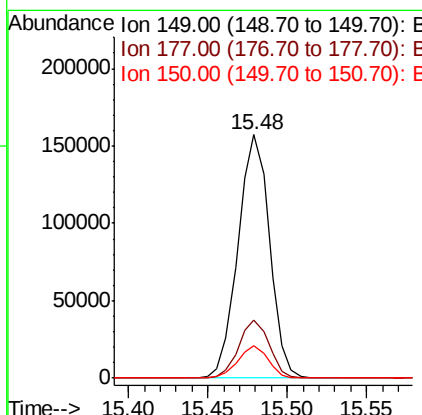
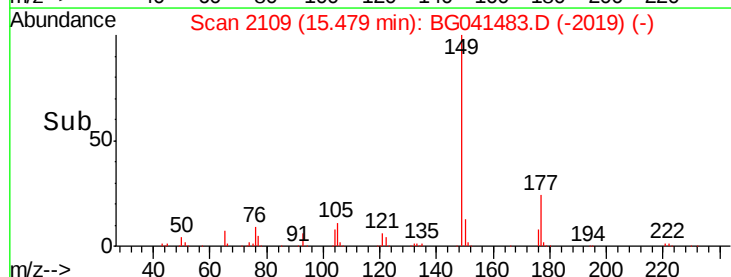
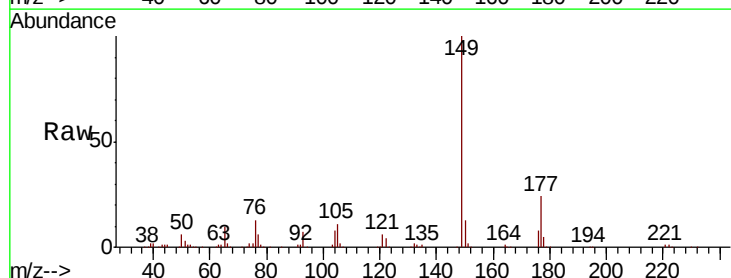
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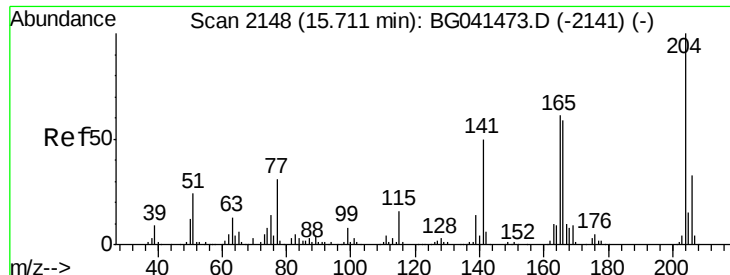
mohammad
7/1/2019 8:10:55 AM



#60
Diethylphthalate
Concen: 29.182 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	216389		
177	23.9		19.2	28.8
150	13.2		11.2	16.8





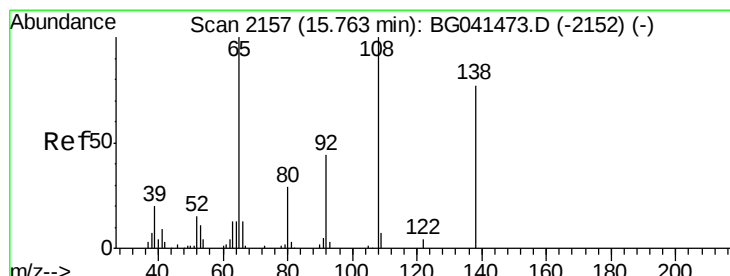
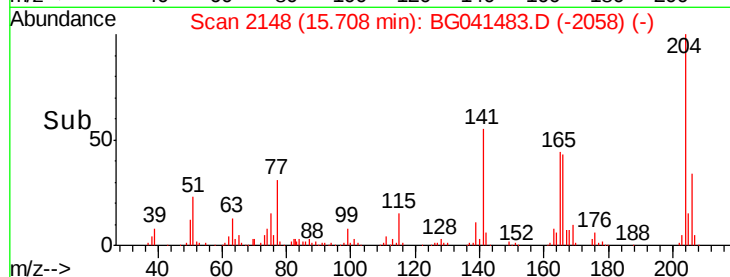
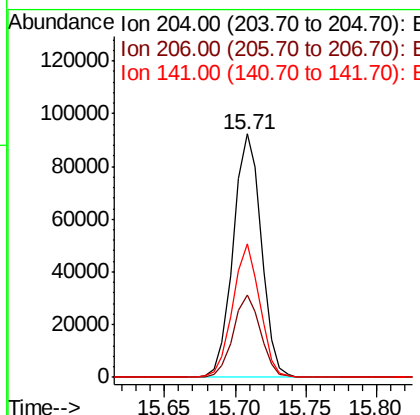
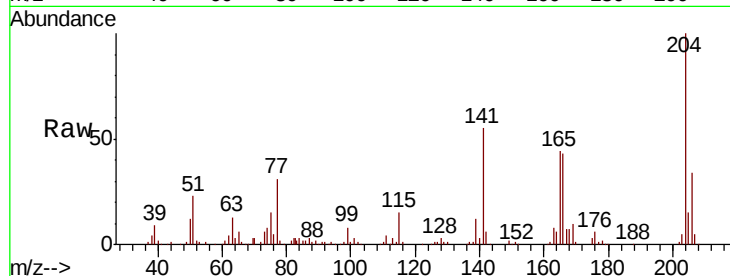
#61
 4-Chlorophenyl-phenylether
 Concen: 29.977 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	40.0
141	54.9	40.1	60.1

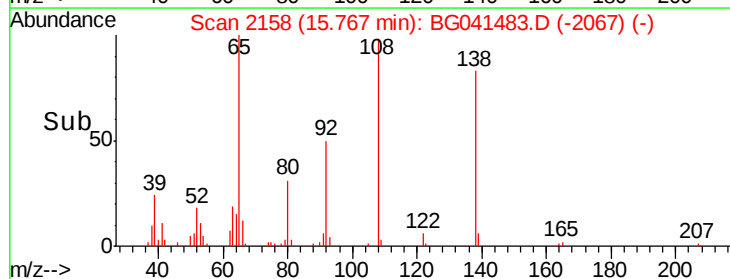
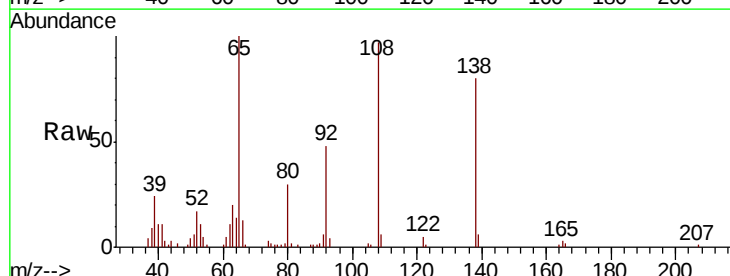
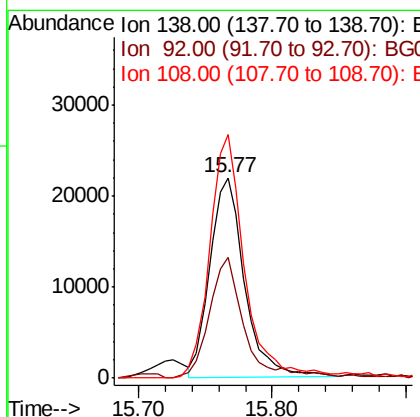
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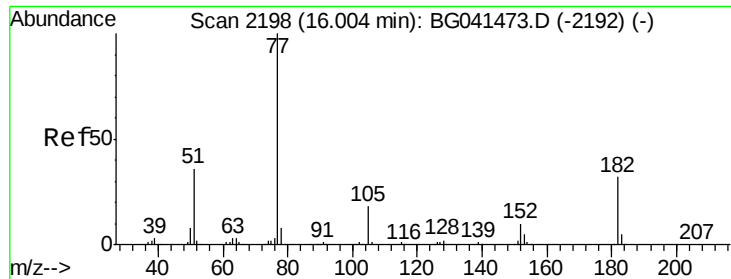
mohammad
 7/1/2019 8:10:55 AM



#62
 4-Nitroaniline
 Concen: 27.797 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	34.9	74.9
108	121.7	105.5	145.5





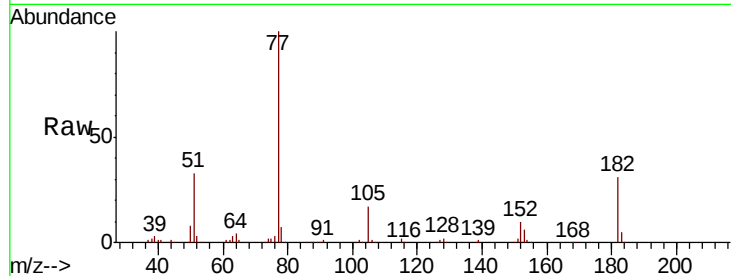
#63
Azobenzene
Concen: 31.181 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	12.2	52.2
105	17.4	0.0	38.1
51	33.4	15.9	55.9

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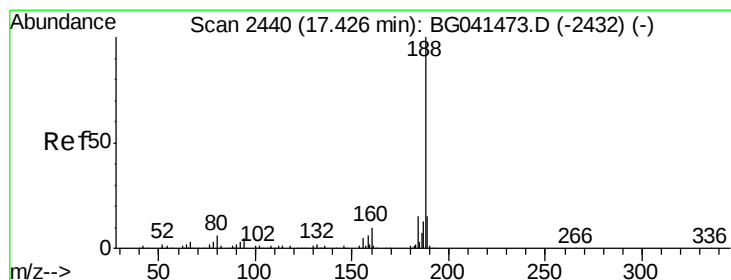
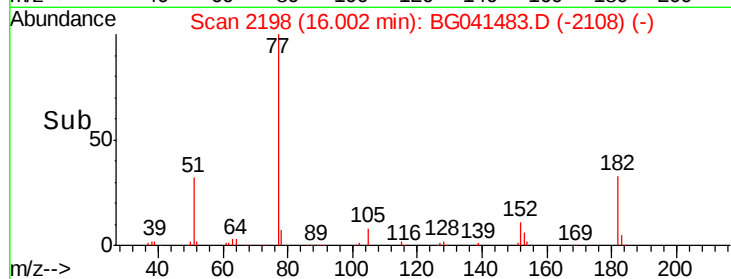
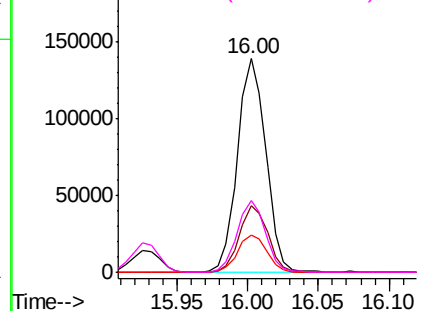
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

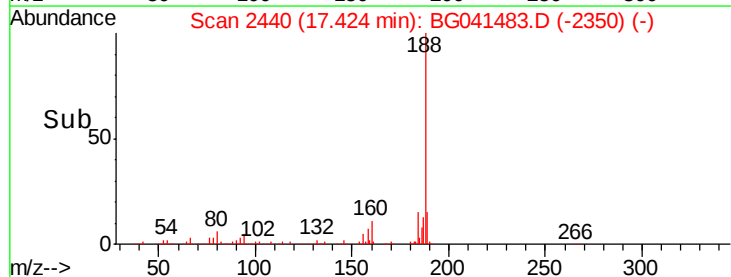
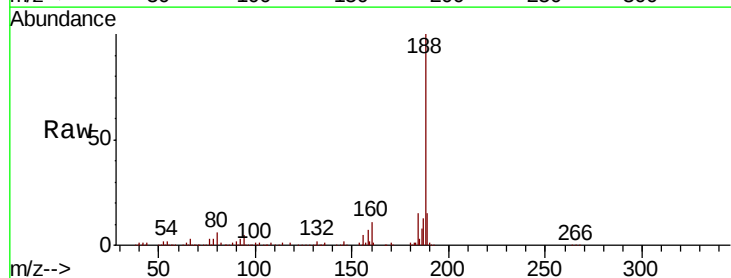
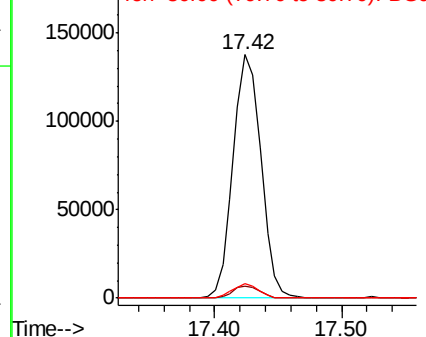
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.8	5.8
80	5.8	4.8	7.2

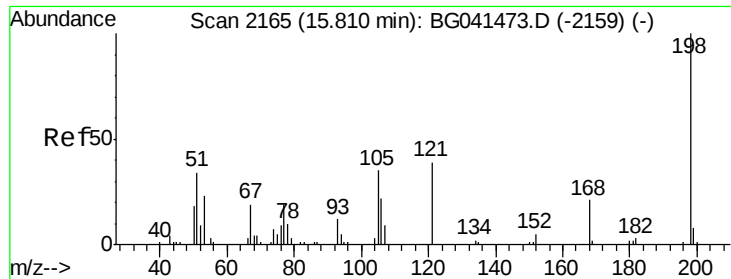
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 19.903 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

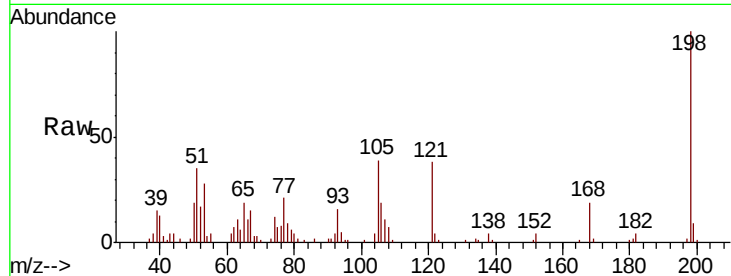
ClientSampleId :

B-2(9-10)MS

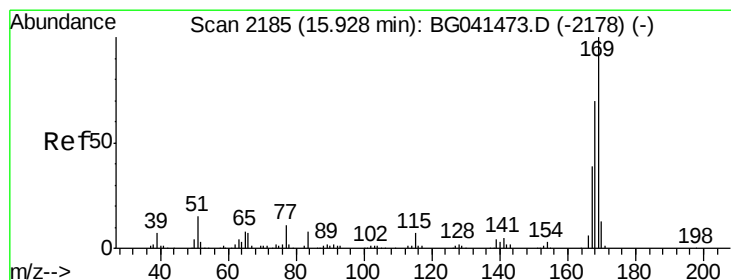
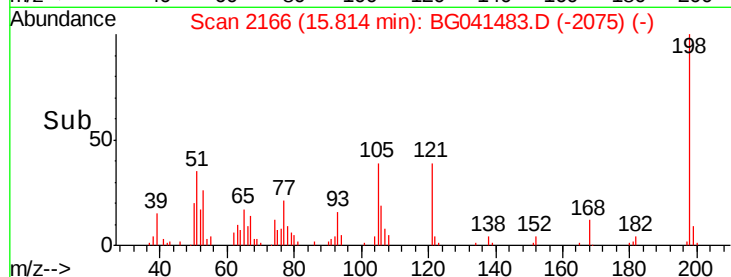
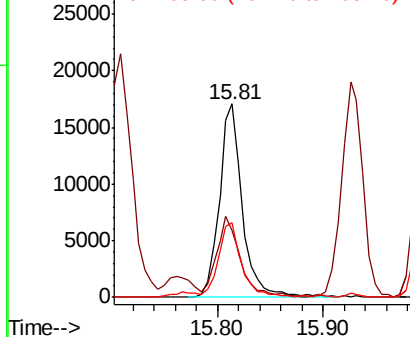
Tot Ion:	198	Resp:	25871
Ion Ratio	Lower	Upper	
198	100		
51	34.7	19.0	59.0
105	38.6	16.1	56.1

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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: 32.002 ng

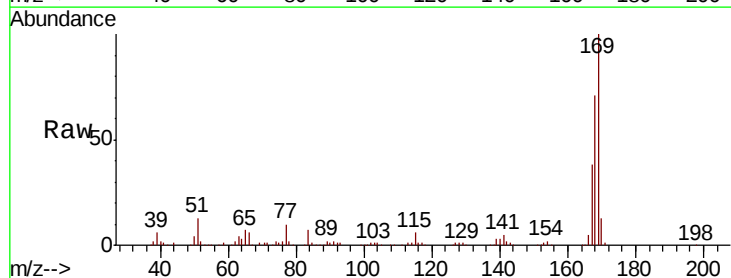
RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

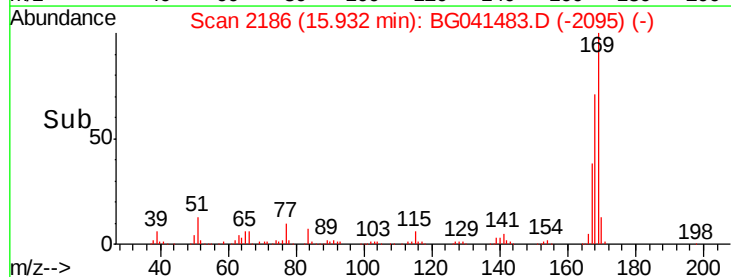
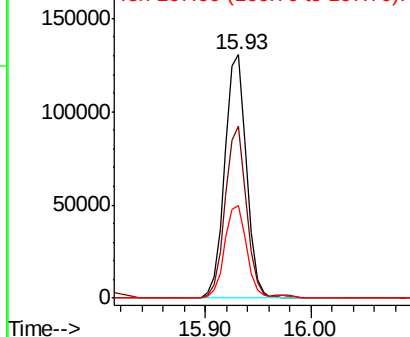
Lab File: BG041483.D

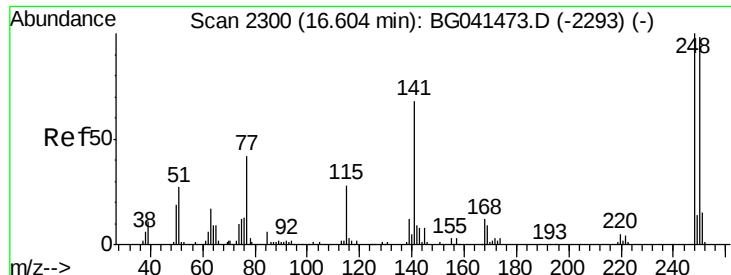
Acq: 27 Jun 2019 9:56

Tgt Ion:	169	Resp:	184853
Ion Ratio	Lower	Upper	
169	100		
168	70.8	56.2	84.4
167	37.9	31.0	46.6



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





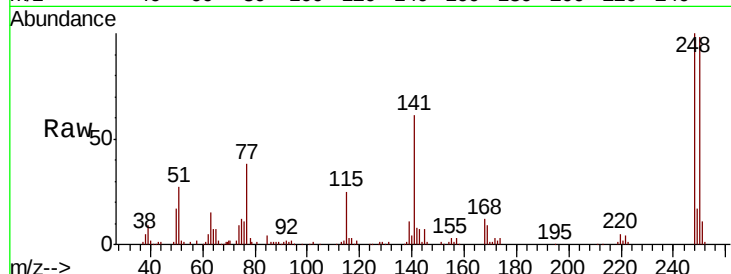
#67
 4-Bromophenyl-phenylether
 Concen: 29.824 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.1	117.1
141	61.4	54.1	81.1

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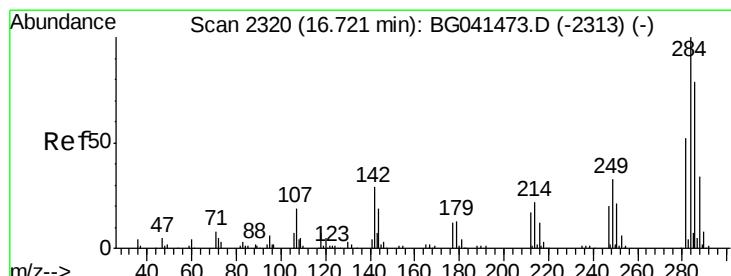
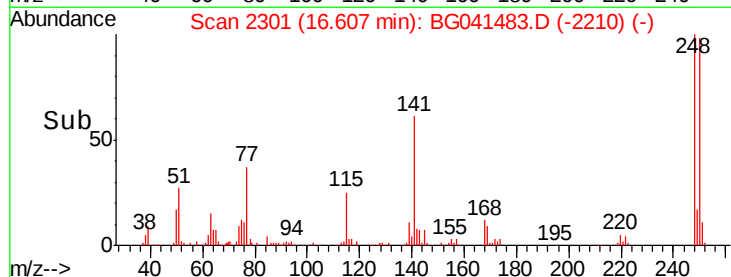
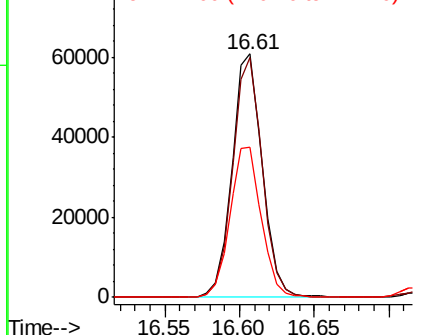


Abundance

Ion 248.00 (247.70 to 248.70): E

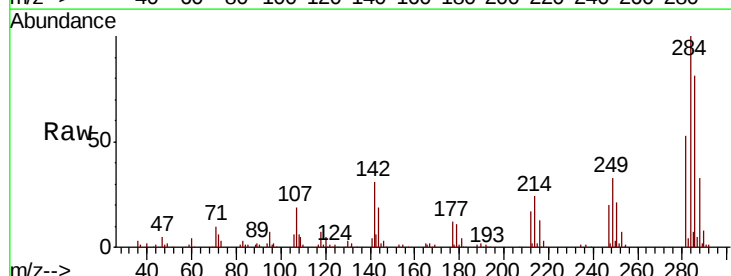
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 29.193 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	22.9	34.3
249	33.0	26.1	39.1

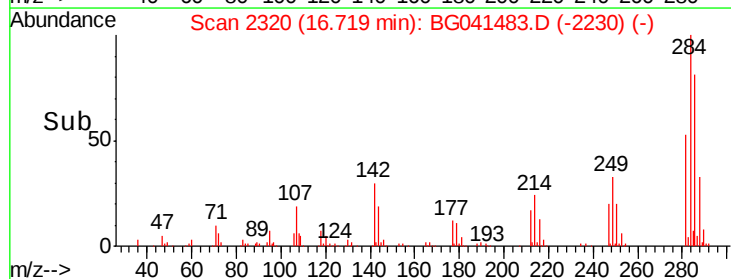
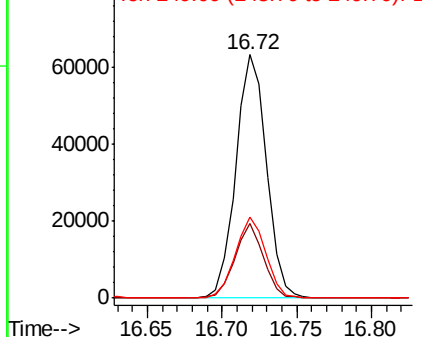


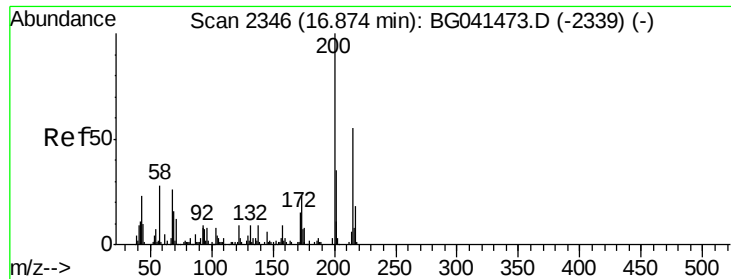
Abundance

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





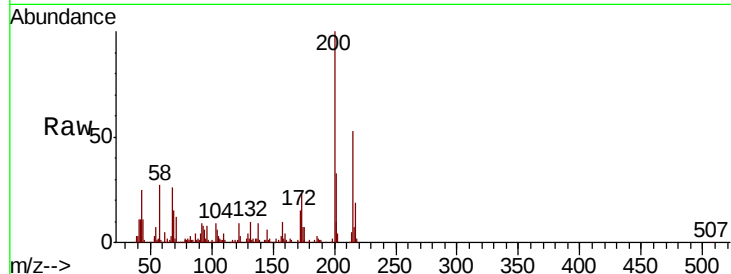
#69
Atrazine
Concen: 30.511 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	3.1	43.1
215	53.1	34.7	74.7

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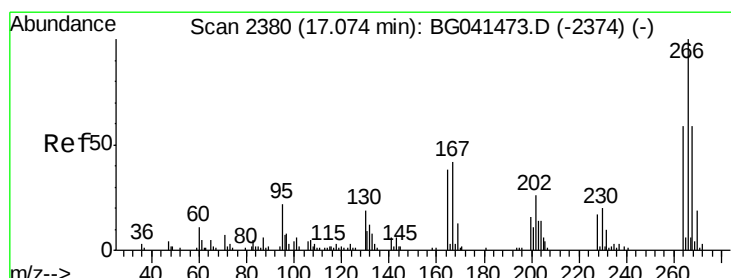
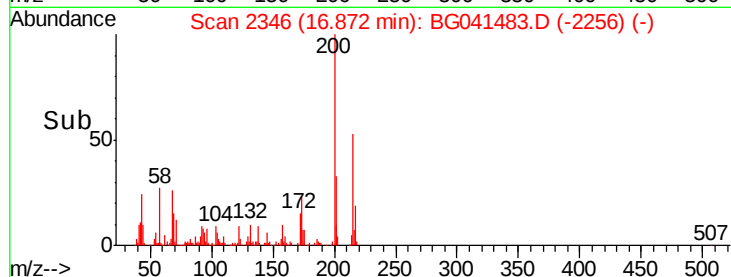
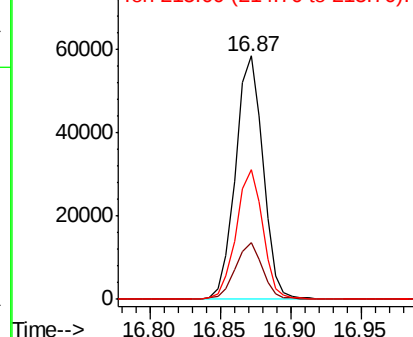


Abundance

Ion 200.00 (199.70 to 200.70): E

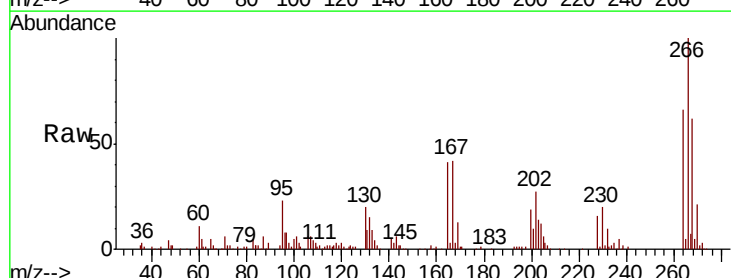
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.717 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.8	47.0	70.4
264	65.6	47.4	71.0

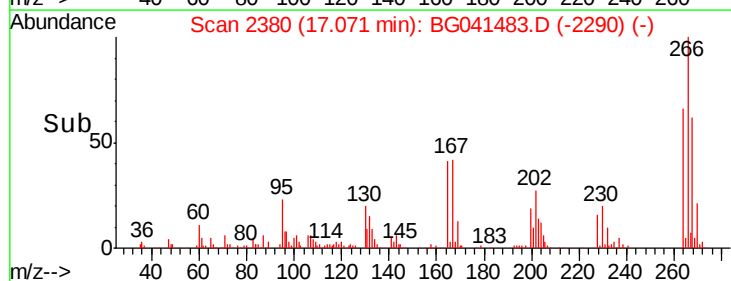
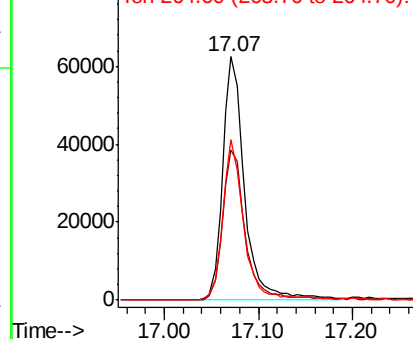


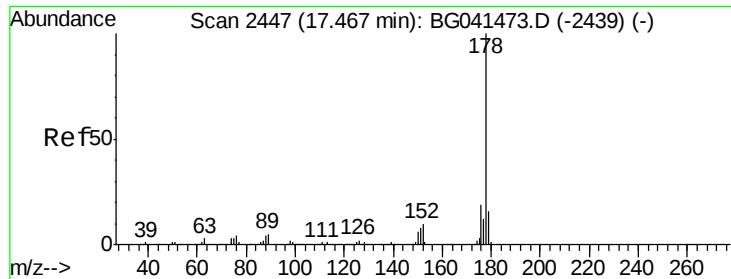
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





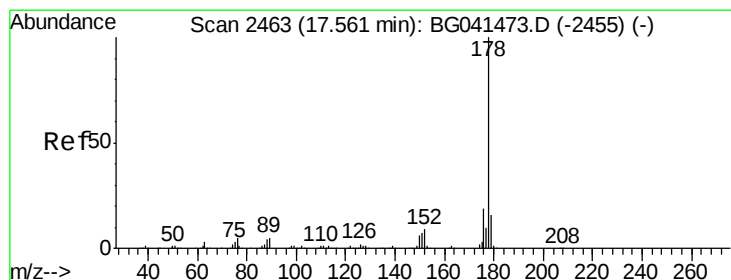
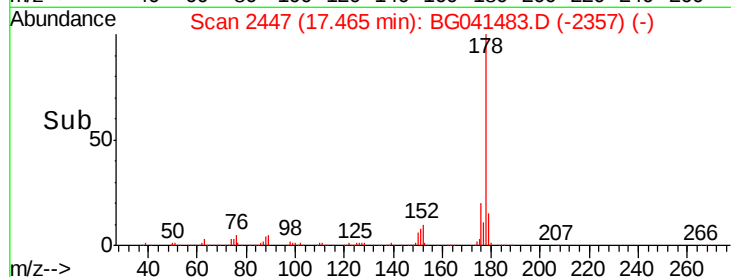
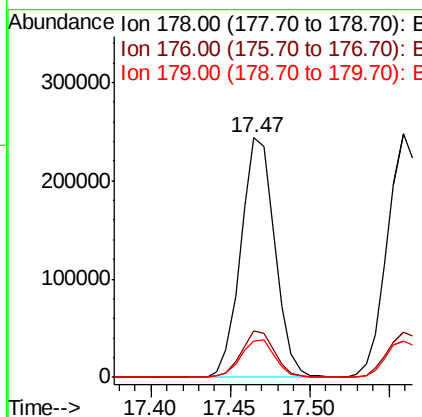
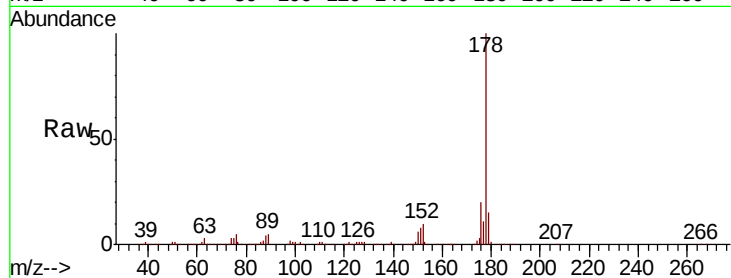
#71
Phenanthrene
Concen: 31.375 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.2	13.0	19.4

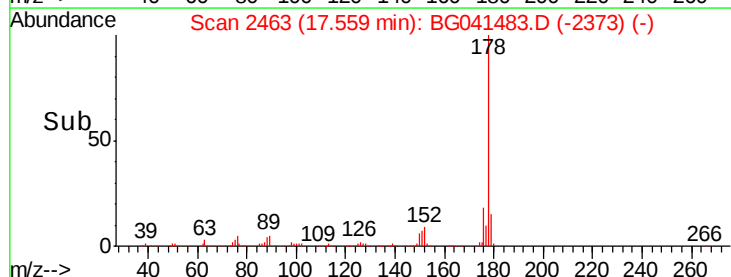
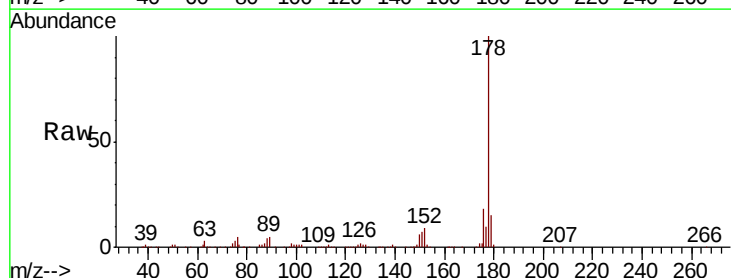
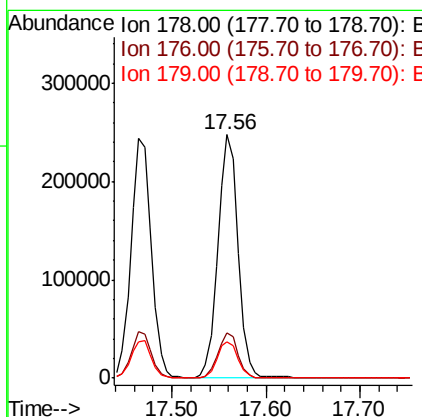
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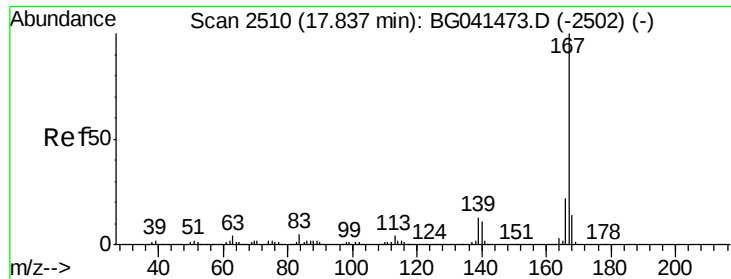
mohammad
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#72
Anthracene
Concen: 32.002 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.8	19.2





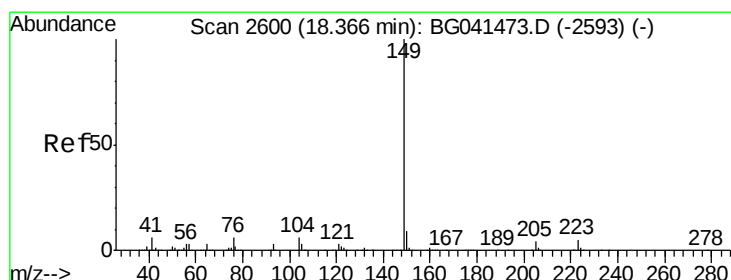
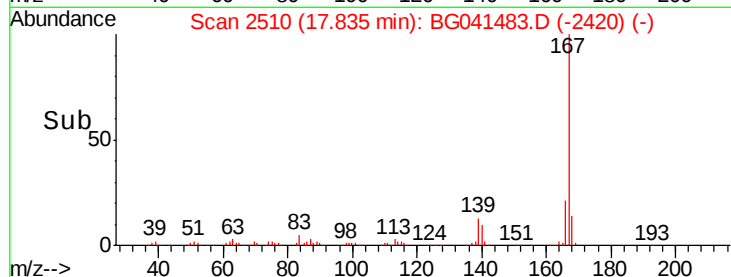
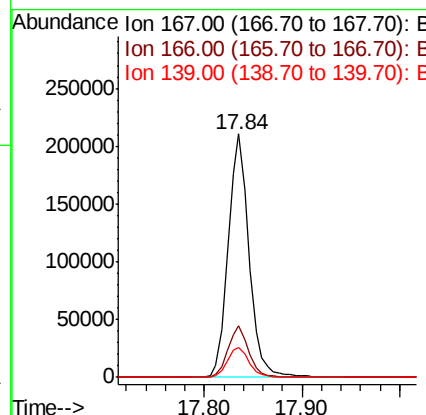
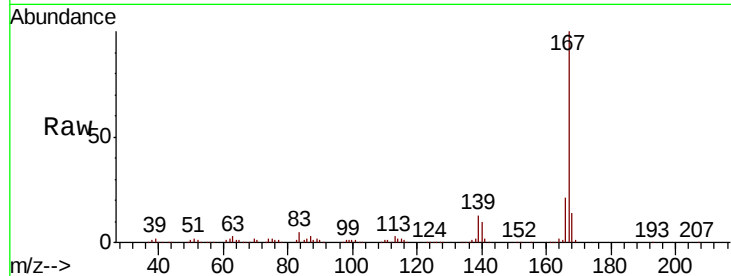
#73
 Carbazole
 Concen: 31.783 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.6
139	12.5	10.8	16.2

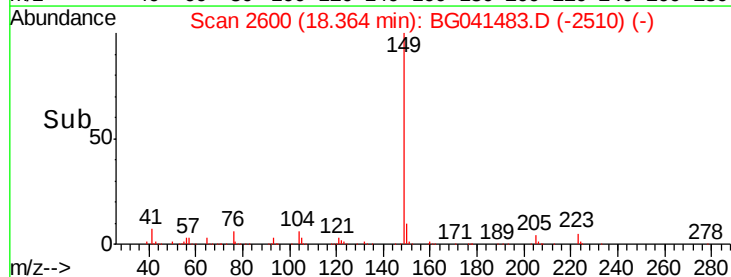
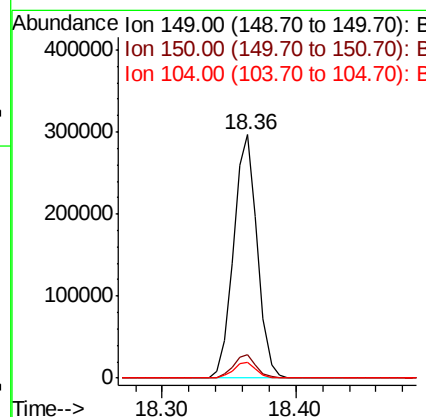
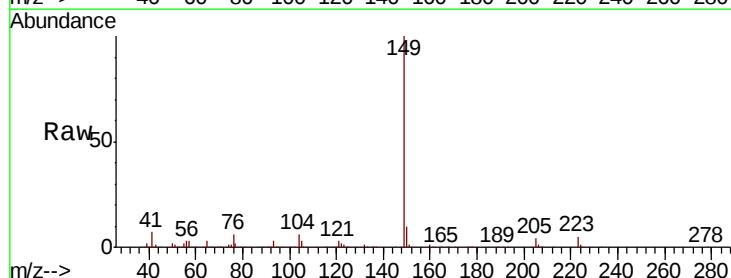
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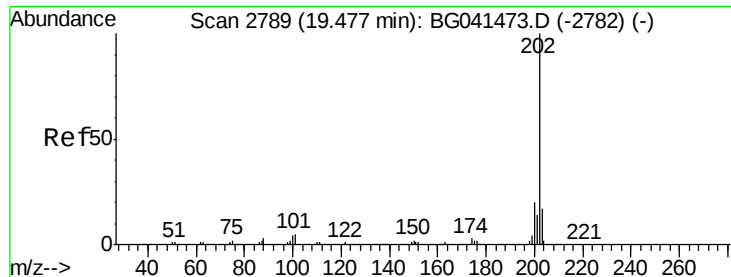
mohammad
 7/1/2019 8:10:55 AM



#74
 Di-n-butylphthalate
 Concen: 29.766 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 30.438 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

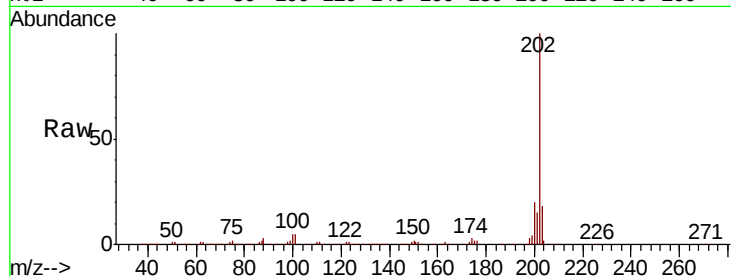
ClientSampleId :

B-2(9-10)MS

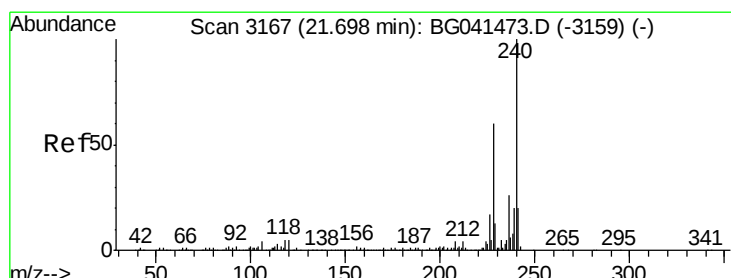
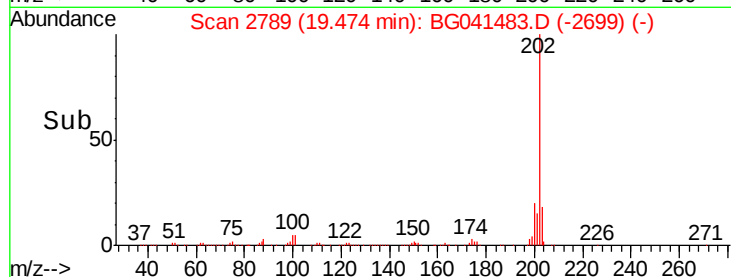
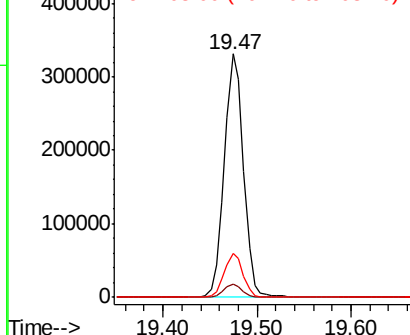
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		469272		
101	5.3	0.0	24.9		
203	18.3	0.0	37.5		

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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

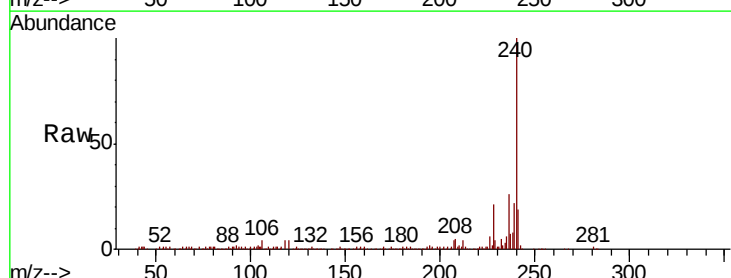
RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

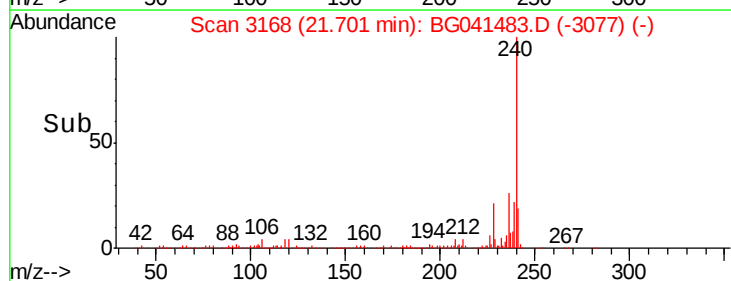
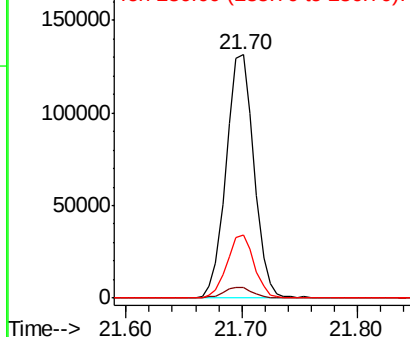
Lab File: BG041483.D

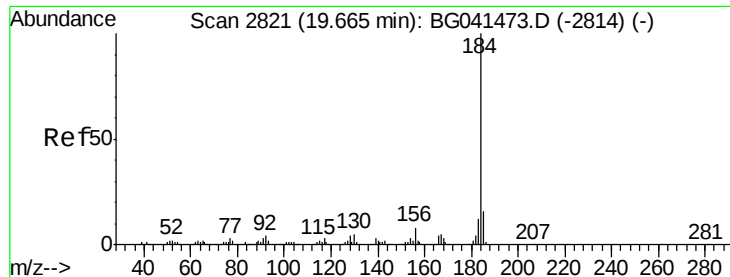
Acq: 27 Jun 2019 9:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		220317		
120	4.2	3.7	5.5		
236	25.7	20.8	31.2		



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: 6.045 ng

RT: 19.67 min Scan# 2823

Delta R.T. 0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

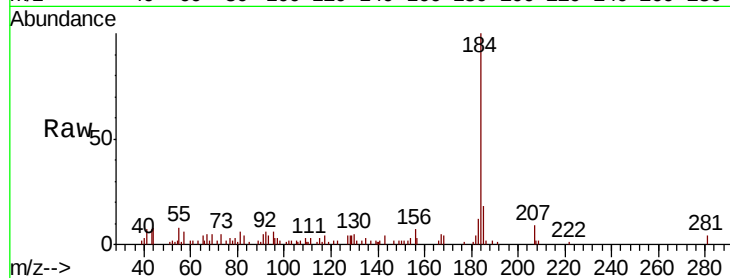
ClientSampleId :

B-2(9-10)MS

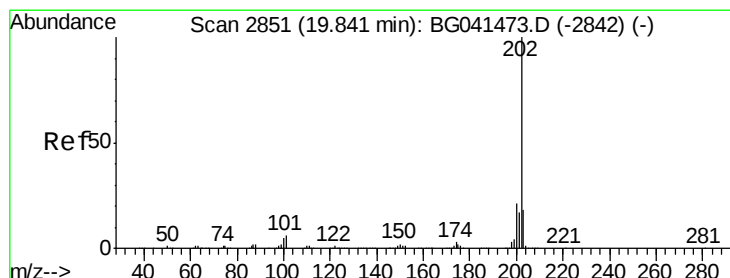
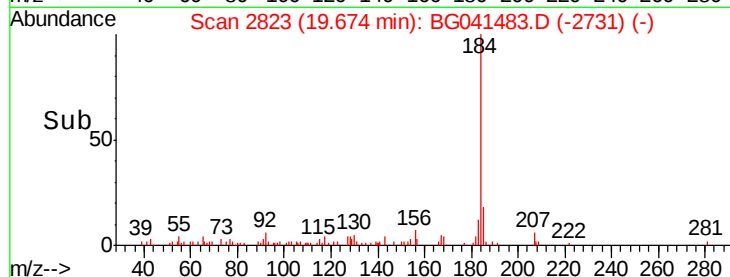
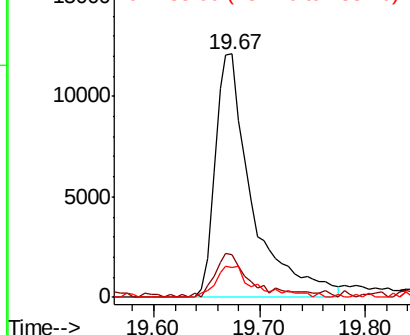
Tot Ion:	184	Resp:	29549
Ion Ratio	Lower	Upper	
184	100		
185	17.6	12.7	19.1
183	12.2	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.571 ng

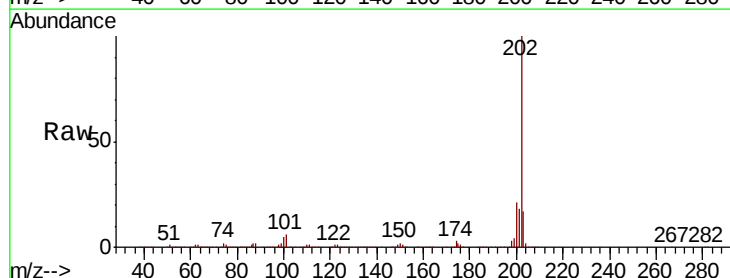
RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

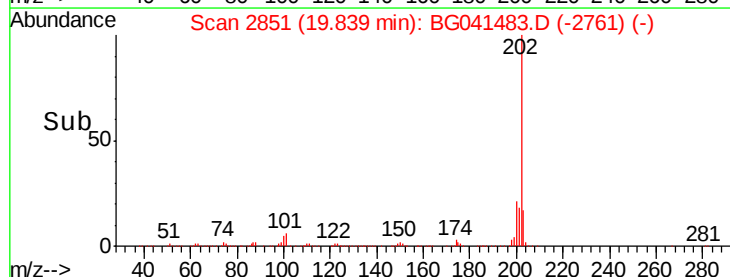
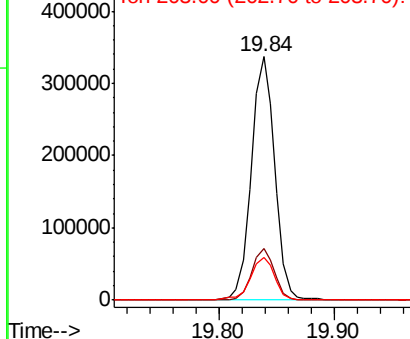
Lab File: BG041483.D

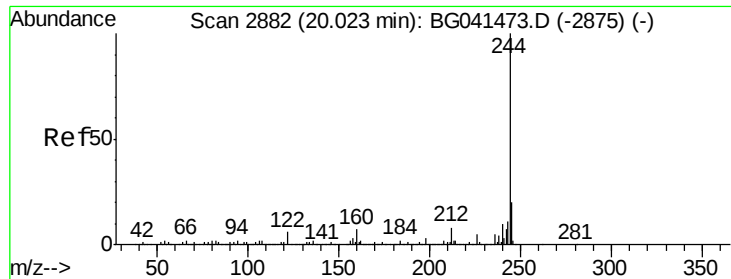
Acq: 27 Jun 2019 9:56

Tgt Ion:	202	Resp:	474842
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	17.3	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





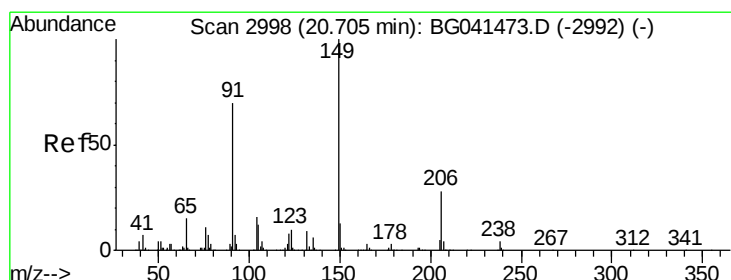
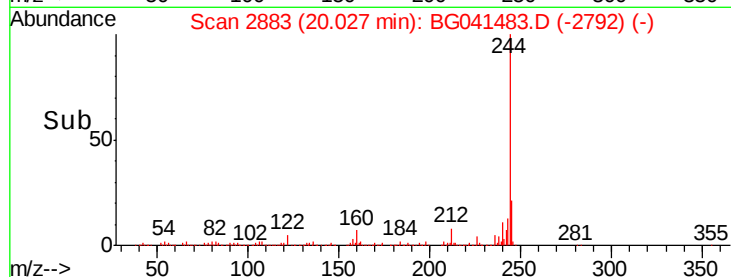
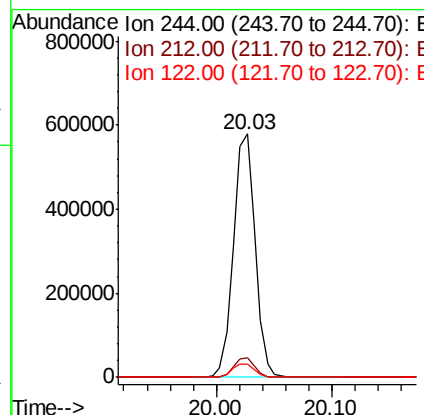
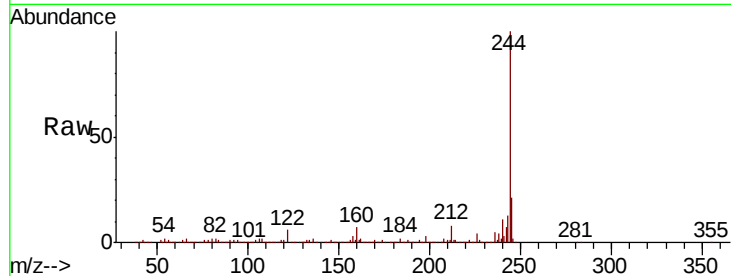
#79
Terphenyl-d14
Concen: 72.512 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	5.6	4.8	7.2

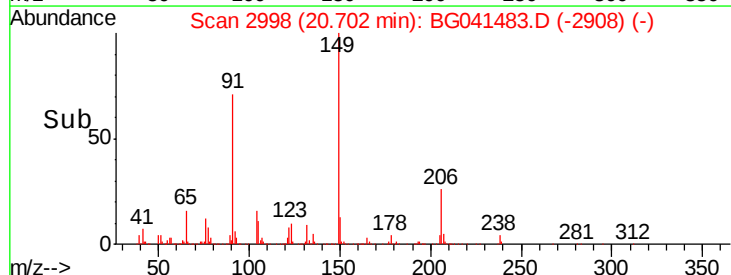
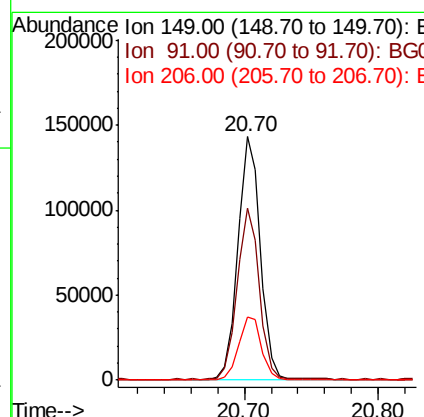
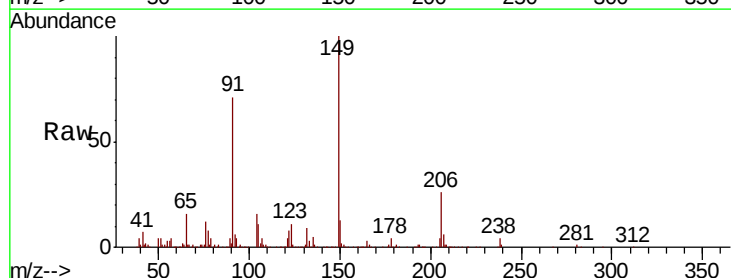
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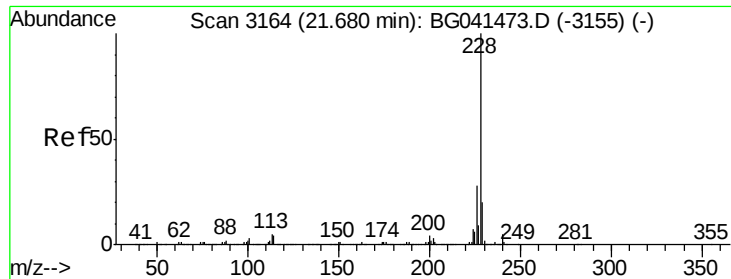
mohammad
7/1/2019 8:10:55 AM



#80
Butylbenzylphthalate
Concen: 29.771 ng
RT: 20.70 min Scan# 2998
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.9	83.9
206	26.0	22.1	33.1





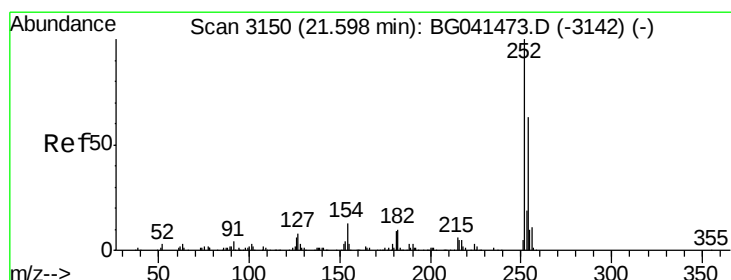
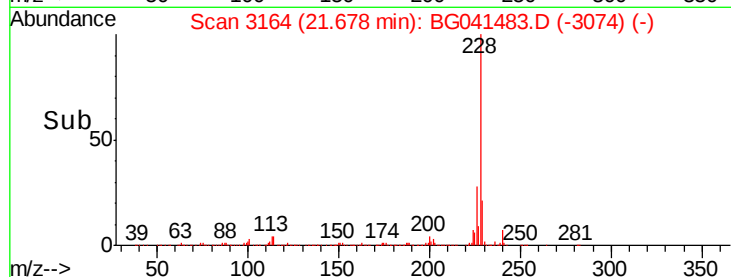
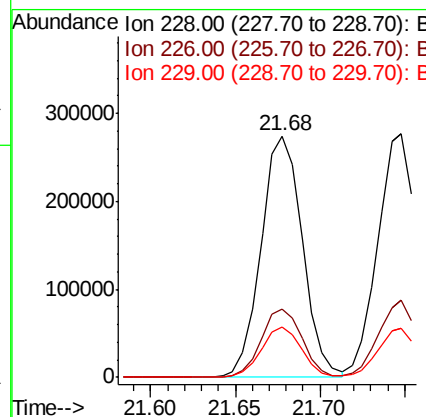
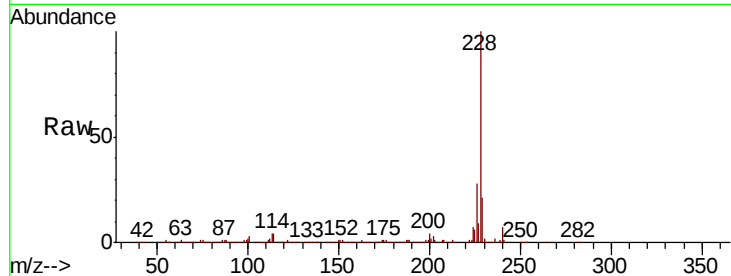
#81
Benzo(a)anthracene
Concen: 30.317 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.0	16.1	24.1

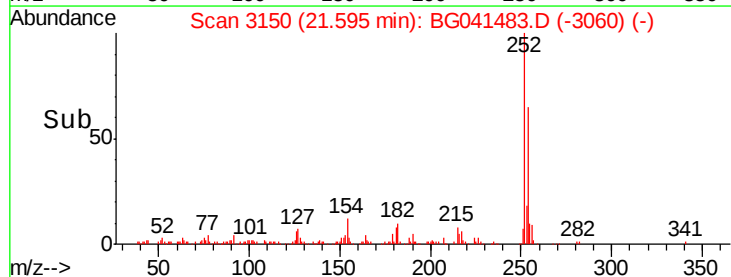
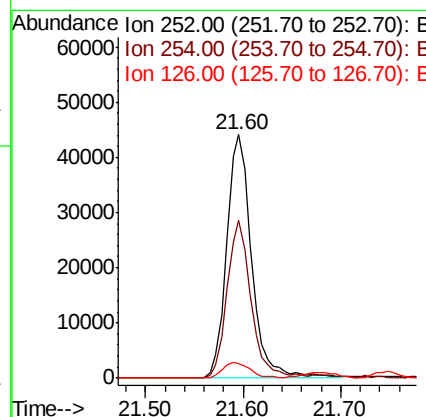
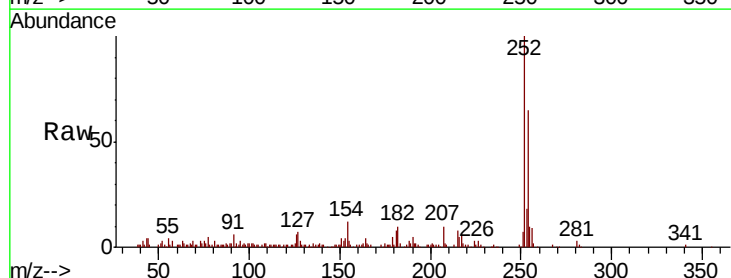
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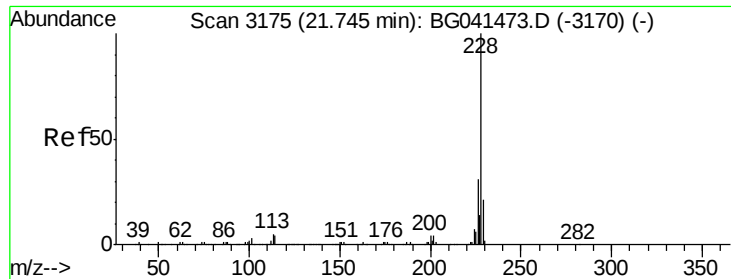
mohammad
7/1/2019 8:10:55 AM



#82
3,3'-Dichlorobenzidine
Concen: 14.750 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	5.7	4.9	7.3





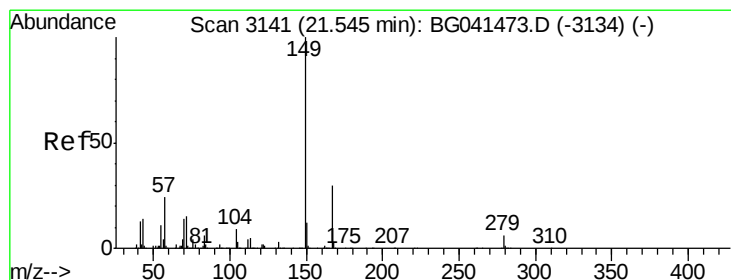
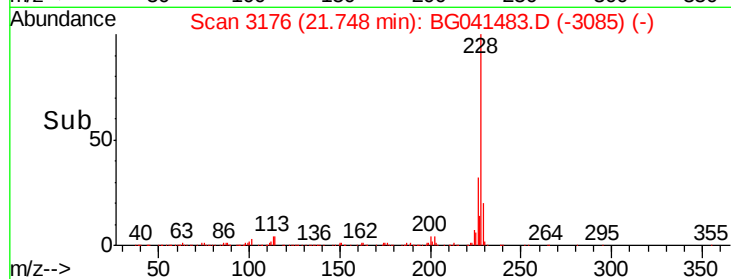
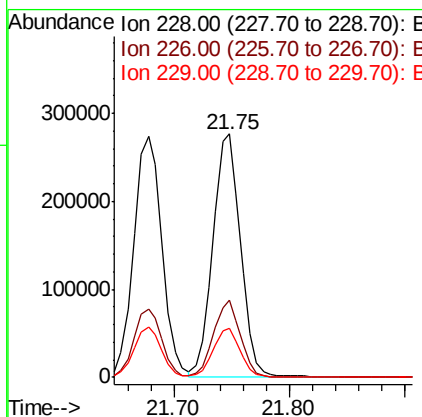
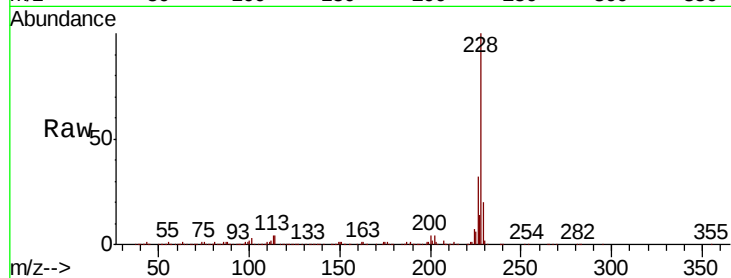
#83
 Chrysene
 Concen: 30.788 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	20.0	16.8	25.2

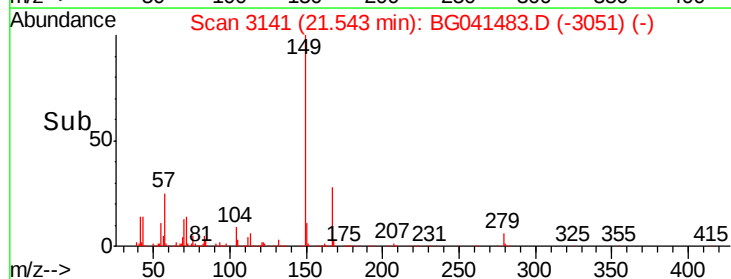
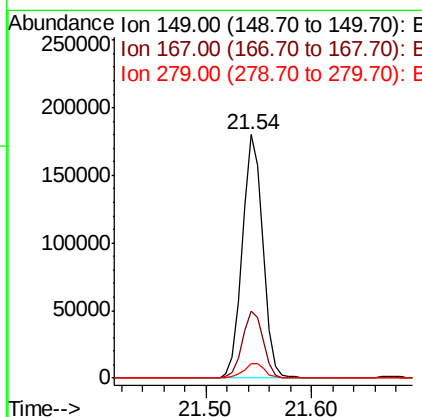
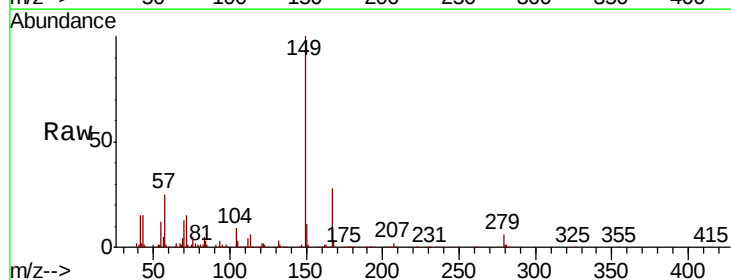
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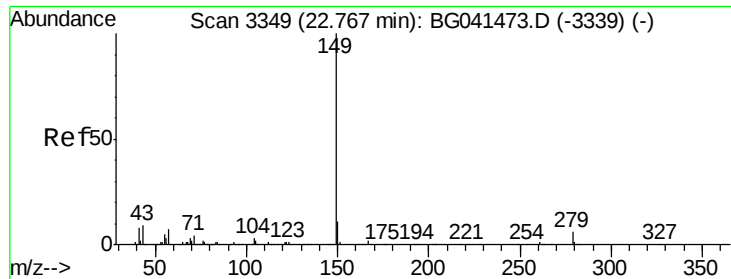
mohammad
 7/1/2019 8:10:55 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.917 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.6	35.4
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 30.368 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

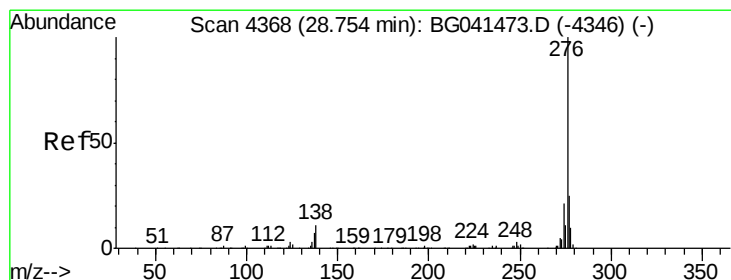
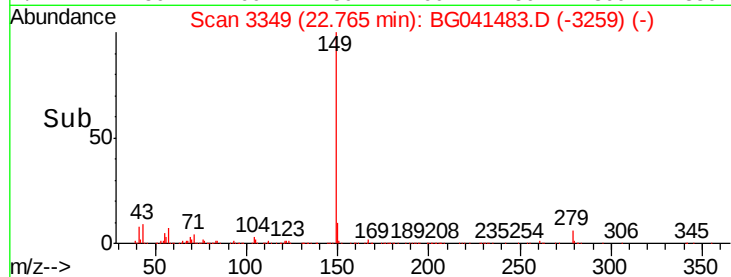
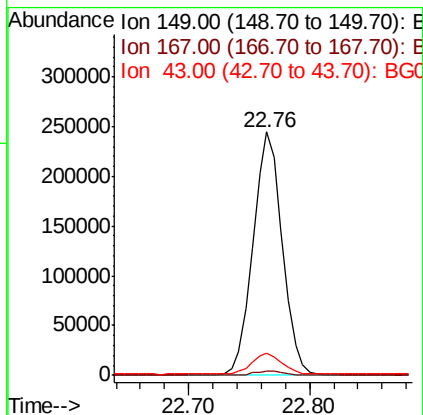
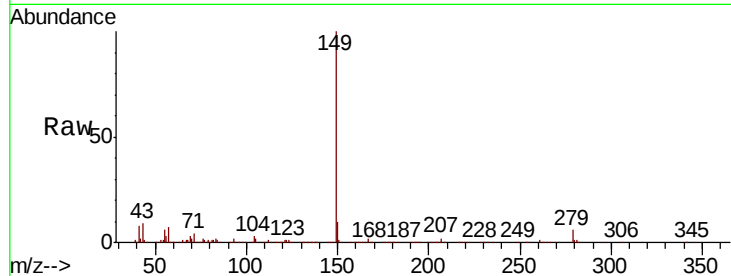
ClientSampleId :

B-2(9-10)MS

Tot Ion:	149	Resp:	409231
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.7	7.2	10.8

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mohammad
7/1/2019 8:10:55 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.457 ng

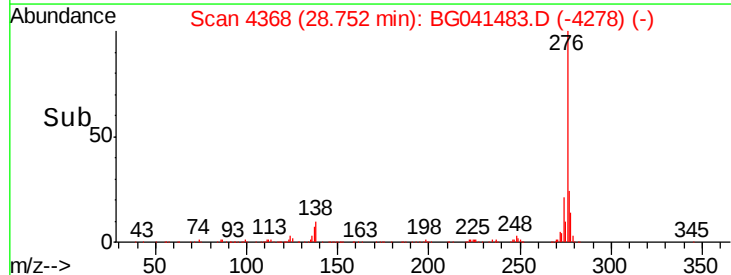
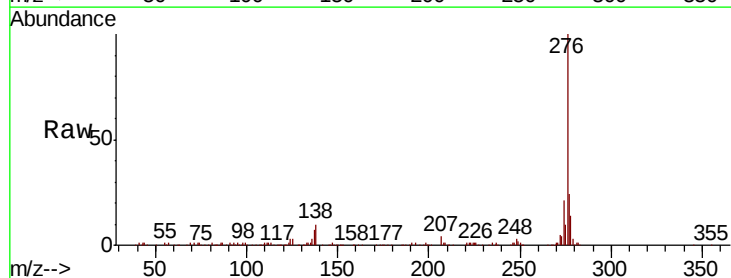
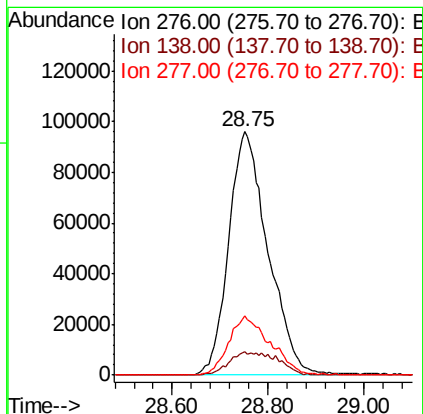
RT: 28.75 min Scan# 4368

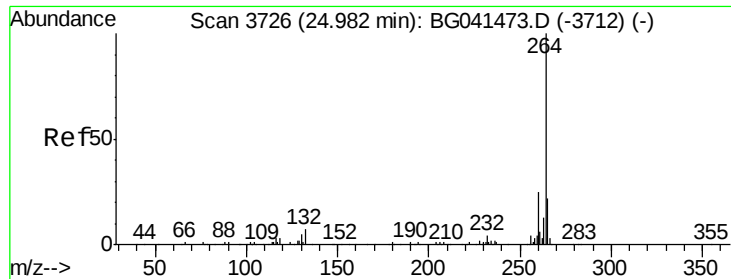
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:	276	Resp:	546797
Ion Ratio	Lower	Upper	
276	100		
138	11.7	4.9	7.3#
277	25.4	20.4	30.6





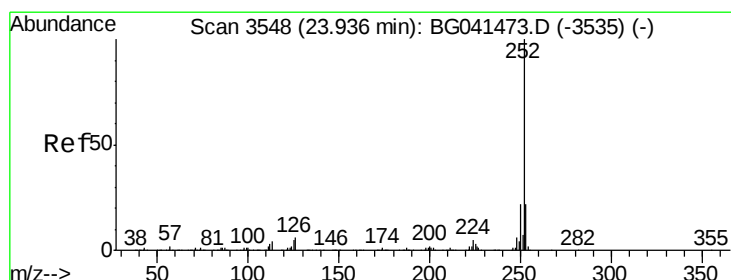
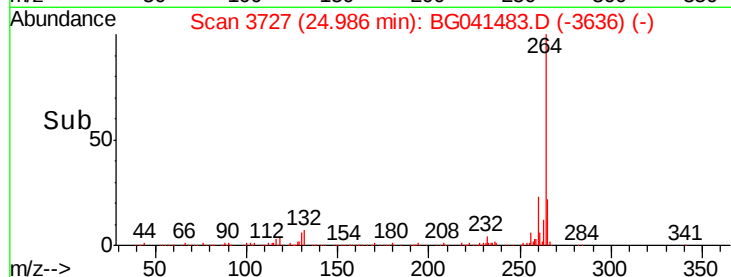
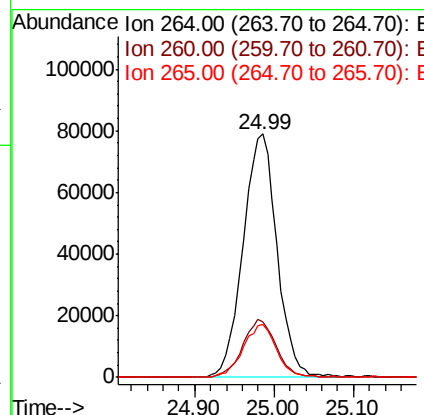
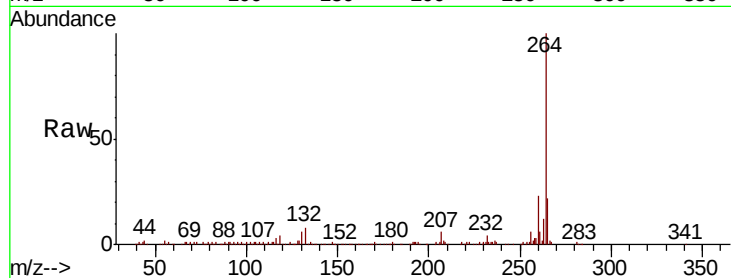
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	21.6	17.4	26.2

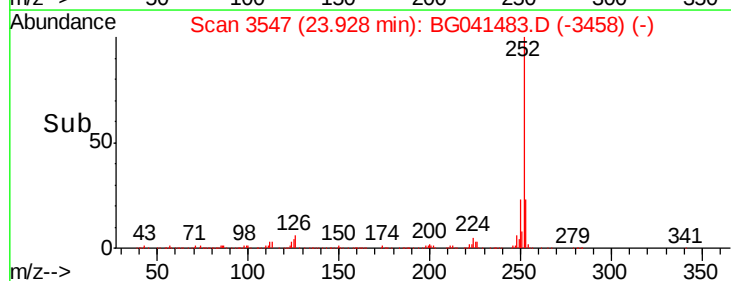
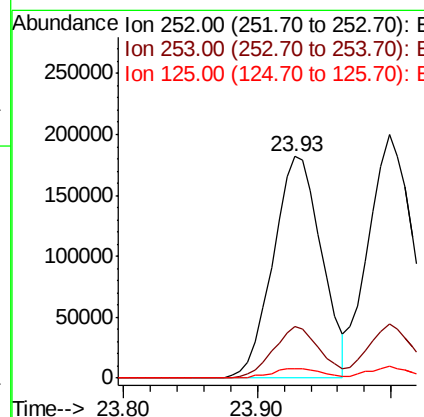
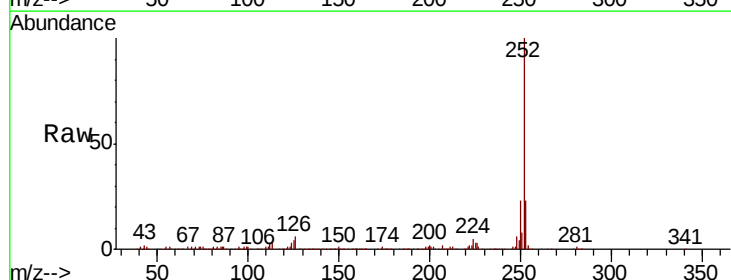
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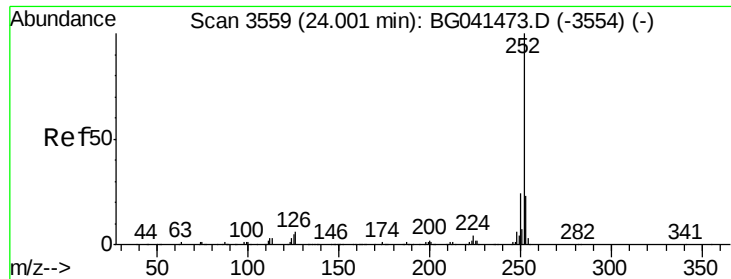
mohammad
7/1/2019 8:10:55 AM



#88
Benzo(b)fluoranthene
Concen: 30.749 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	4.3	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 31.849 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

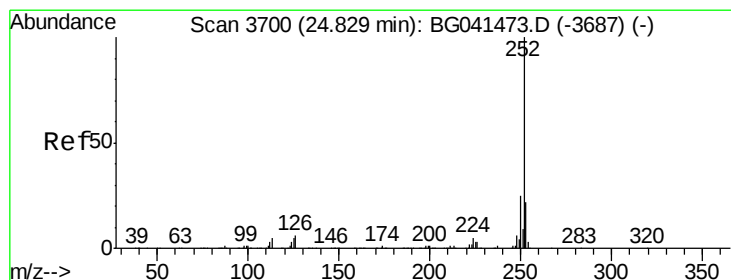
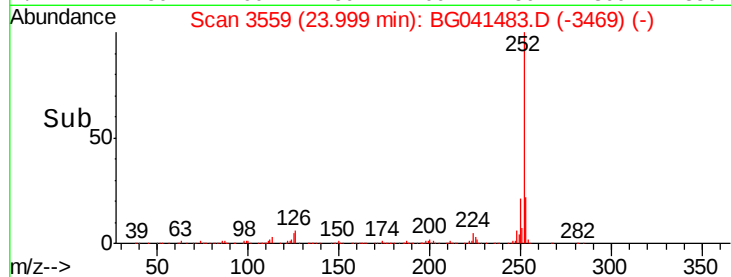
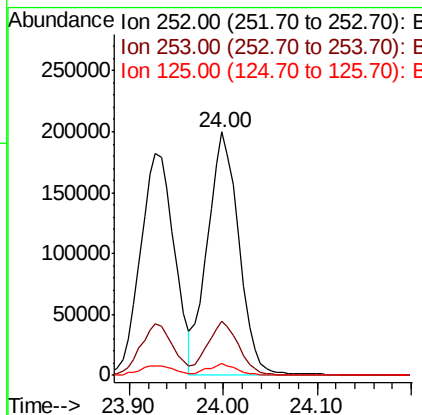
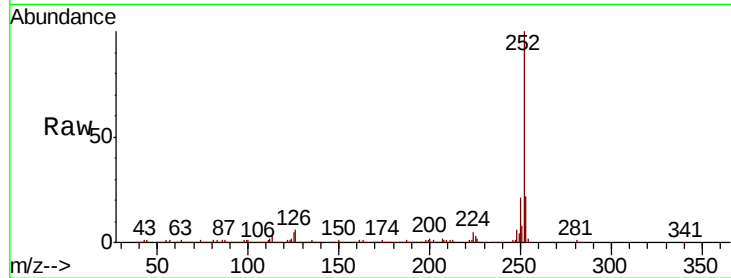
ClientSampleId :

B-2(9-10)MS

Tot Ion:	252	Resp:	465805
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.3	27.5
125	4.7	4.0	6.0

Manual Integrations
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mohammad
7/1/2019 8:10:55 AM



#90

Benzo(a)pyrene

Concen: 31.847 ng

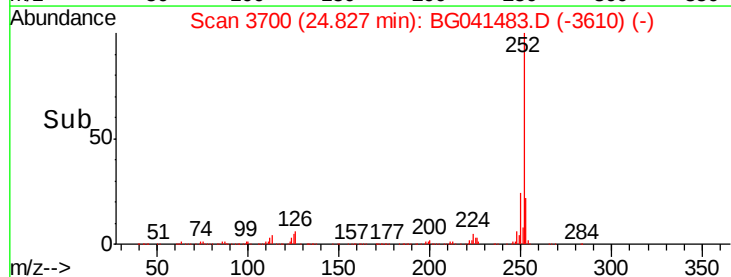
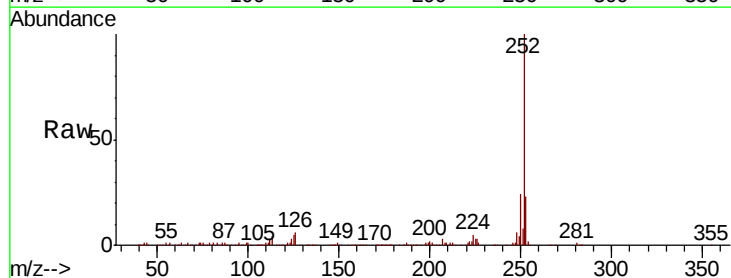
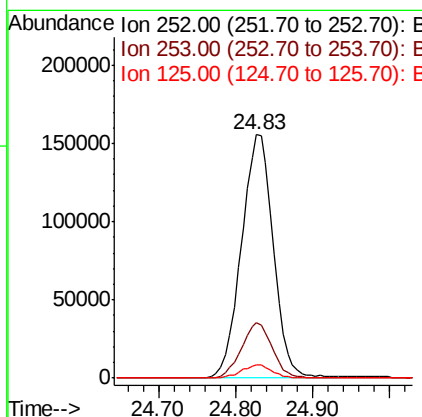
RT: 24.83 min Scan# 3700

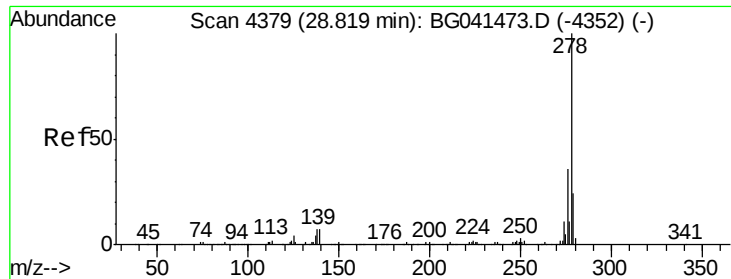
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:	252	Resp:	450581
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	5.3	4.4	6.6





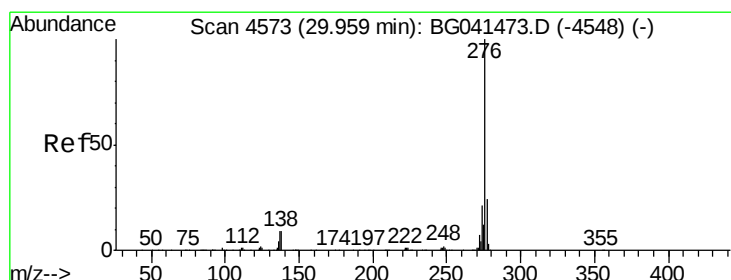
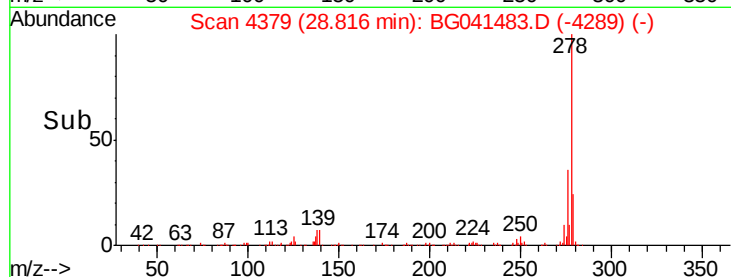
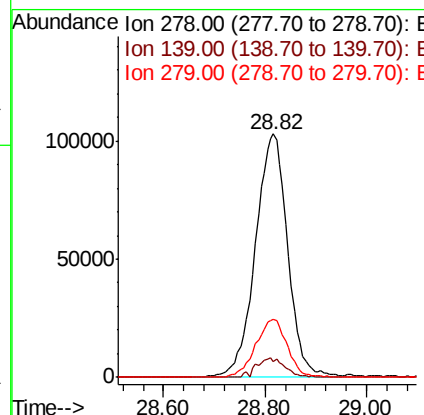
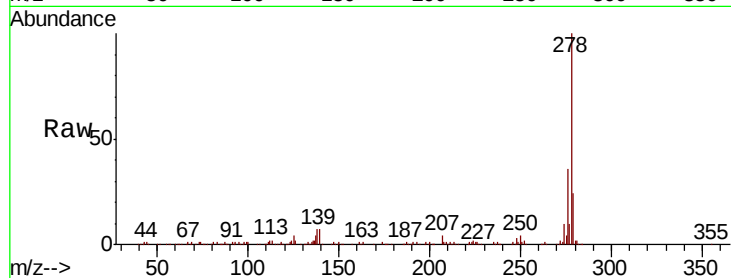
#91
Dibenzo(a,h)anthracene
Concen: 32.043 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	5.9	8.9
279	24.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 8:10:55 AM



#92
Benzo(g,h,i)perylene
Concen: 32.587 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.2
138	9.4	7.6	11.4

