

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045308.D
 Acq On : 11 May 2020 22:44
 Operator : CG/JU
 Sample : PB128752BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Manual Integrations
 APPROVED

mohammad
 5/13/2020 8:15:16 AM

Quant Time: May 12 01:45:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	72957	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	288098	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	201979	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	466194	20.00	ng	0.00
76) Chrysene-d12	21.63	240	437167	20.00	ng	-0.01
87) Perylene-d12	24.79	264	498261	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	494070	111.80	ng	0.00
7) Phenol-d6	7.15	99	682352	103.93	ng	0.00
23) Nitrobenzene-d5	9.13	82	433583	68.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	310336	99.46	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	970563	70.46	ng	0.00
79) Terphenyl-d14	19.98	244	1592917	79.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	69268	35.27	ng	96
3) Pyridine	3.83	79	156899	25.95	ng	94
4) n-Nitrosodimethylamine	3.74	42	68078	36.75	ng	90
6) Aniline	7.29	93	256331	30.03	ng	98
8) 2-Chlorophenol	7.54	128	181443	38.20	ng	96
9) Benzaldehyde	7.11	77	135929	35.50	ng	96
10) Phenol	7.17	94	241146	36.70	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	168992	32.31	ng	97
12) 1,3-Dichlorobenzene	7.86	146	198274	35.43	ng	98
13) 1,4-Dichlorobenzene	8.01	146	195689	35.09	ng	95
14) 1,2-Dichlorobenzene	8.33	146	185363	34.74	ng	96
15) Benzyl Alcohol	8.21	79	182346	33.13	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	157179	30.61	ng	97
17) 2-Methylphenol	8.42	107	163809	32.31	ng	96
18) Hexachloroethane	9.06	117	74835	35.70	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	144986	31.23	ng	98
20) 3+4-Methylphenols	8.75	107	222231	31.32	ng	99
22) Acetophenone	8.80	105	276497	35.49	ng	# 99
24) Nitrobenzene	9.18	77	223670	34.56	ng	93
25) Isophorone	9.70	82	412451	31.90	ng	98
26) 2-Nitrophenol	9.89	139	102315	36.70	ng	97
27) 2,4-Dimethylphenol	9.96	122	169249	38.26	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	229567	33.79	ng	99
29) 2,4-Dichlorophenol	10.44	162	184392	36.10	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	204433	35.35	ng	94
31) Naphthalene	10.84	128	554888	35.21	ng	99
32) Benzoic acid	10.10	122	87229	27.54	ng	94
33) 4-Chloroaniline	10.94	127	165116	22.46	ng	99
34) Hexachlorobutadiene	11.13	225	138726	34.99	ng	99
35) Caprolactam	11.69	113	67789m	33.35	ng	
36) 4-Chloro-3-methylphenol	12.07	107	208094	34.68	ng	99
37) 2-Methylnaphthalene	12.44	142	414536	33.89	ng	91
38) 1-Methylnaphthalene	12.66	142	391002	33.86	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	231832	35.65	ng	99

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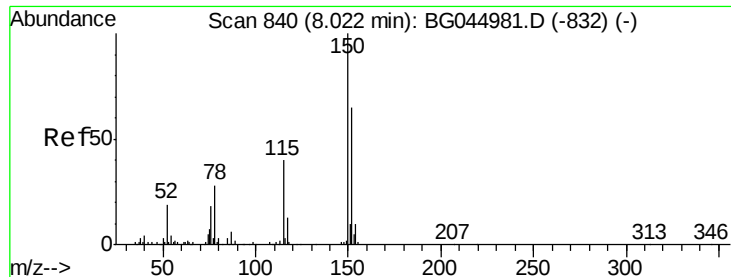
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	323800	79.66	ng	95
43) 2,4,6-Trichlorophenol	13.05	196	164043	35.74	ng	95
44) 2,4,5-Trichlorophenol	13.13	196	170971	32.73	ng	99
46) 1,1'-Biphenyl	13.45	154	532412	34.68	ng	98
47) 2-Chloronaphthalene	13.49	162	403531	34.40	ng	99
48) 2-Nitroaniline	13.69	65	129624	33.59	ng	99
49) Acenaphthylene	14.34	152	678413	35.51	ng	100
50) Dimethylphthalate	14.07	163	541956	32.95	ng	99
51) 2,6-Dinitrotoluene	14.19	165	127048	34.54	ng	97
52) Acenaphthene	14.68	154	477085m	36.90	ng	
53) 3-Nitroaniline	14.51	138	92696	22.98	ng	100
54) 2,4-Dinitrophenol	14.73	184	126934	58.03	ng	98
55) Dibenzofuran	15.02	168	653407	34.67	ng	98
56) 4-Nitrophenol	14.84	139	205493	65.69	ng	96
57) 2,4-Dinitrotoluene	14.98	165	178258	33.16	ng	96
58) Fluorene	15.67	166	530690	34.47	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	168297	36.20	ng	97
60) Diethylphthalate	15.44	149	568202	33.14	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	294078	33.19	ng	98
62) 4-Nitroaniline	15.68	138	126979	30.34	ng	96
63) Azobenzene	15.95	77	535834	33.90	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	107727	35.16	ng	98
66) n-Nitrosodiphenylamine	15.88	169	472036	35.24	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	198985	33.09	ng	93
68) Hexachlorobenzene	16.68	284	222165	35.62	ng	96
69) Atrazine	16.82	200	180408	35.97	ng	97
70) Pentachlorophenol	17.02	266	245338	64.12	ng	99
71) Phenanthrene	17.41	178	853142	35.61	ng	99
72) Anthracene	17.50	178	880011	36.62	ng	99
73) Carbazole	17.77	167	811669	33.28	ng	97
74) Di-n-butylphthalate	18.33	149	963512	34.94	ng	98
75) Fluoranthene	19.42	202	1069415	36.86	ng	98
77) Benzidine	19.60	184	661908	53.38	ng	97
78) Pyrene	19.78	202	1061139	35.21	ng	98
80) Butylbenzylphthalate	20.67	149	430342	34.45	ng	99
81) Benzo(a)anthracene	21.61	228	1031035	36.39	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	266188	23.60	ng	97
83) Chrysene	21.68	228	971795	35.70	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	609530	35.48	ng	98
85) Di-n-octyl phthalate	22.73	149	1045420	35.19	ng	100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1295422	35.84	ng	# 95
88) Benzo(b)fluoranthene	23.80	252	1067945	34.22	ng	99
89) Benzo(k)fluoranthene	23.86	252	1077377	36.30	ng	96
90) Benzo(a)pyrene	24.65	252	1000162	33.94	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	1048813	35.32	ng	96
92) Benzo(g,h,i)perylene	29.51	276	1075158	36.12	ng	99

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



#1

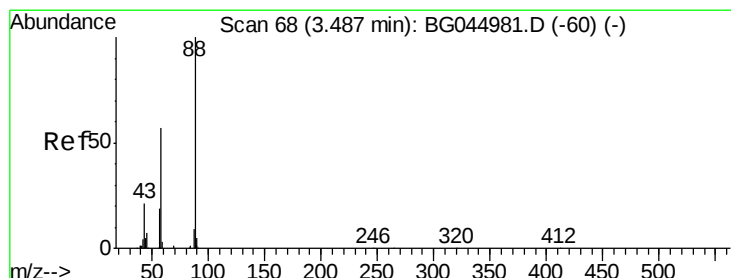
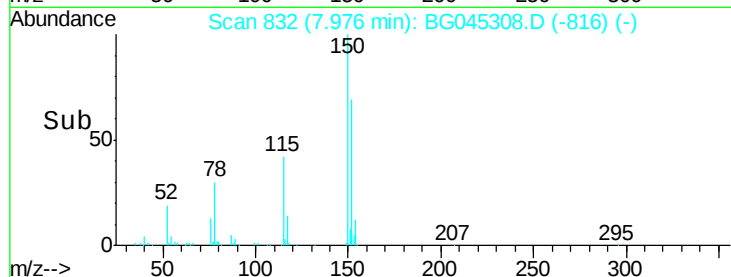
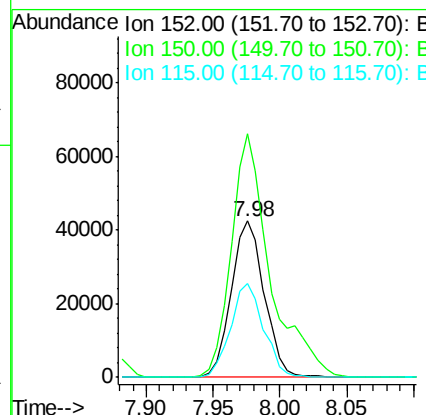
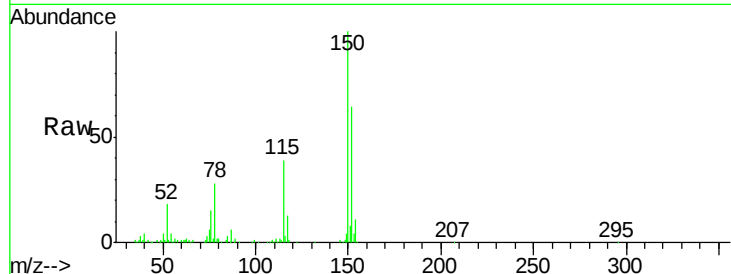
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.6	185.4
115	60.2	49.1	73.7

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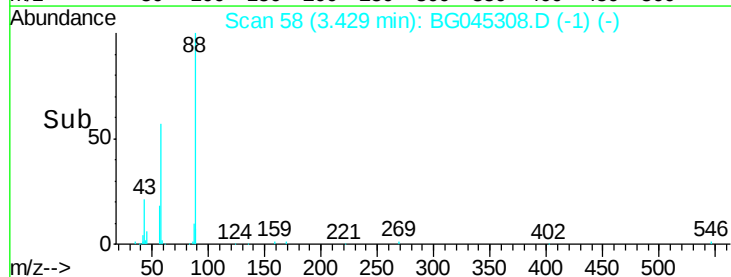
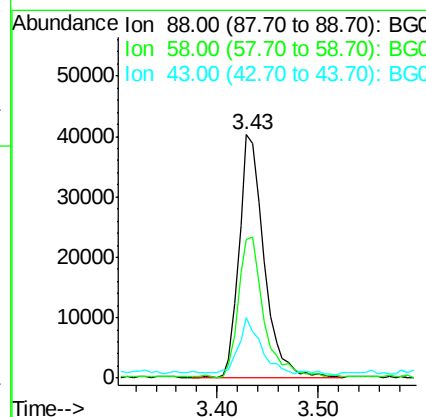
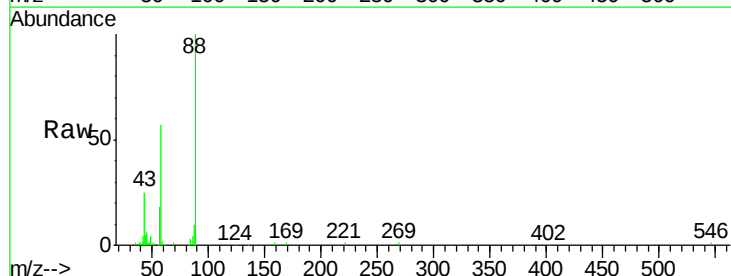
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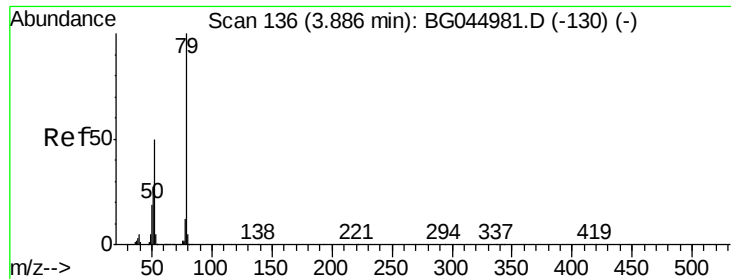


#2

1,4-Dioxane
Concen: 35.27 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	46.6	69.8
43	19.5	17.5	26.3





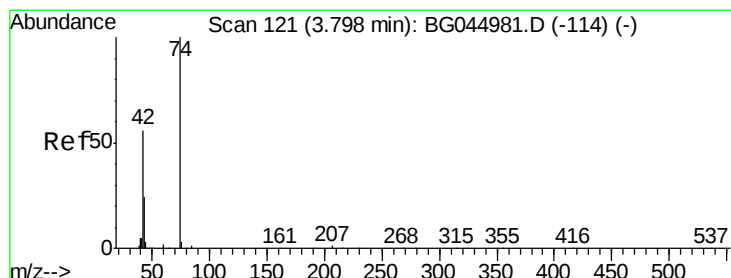
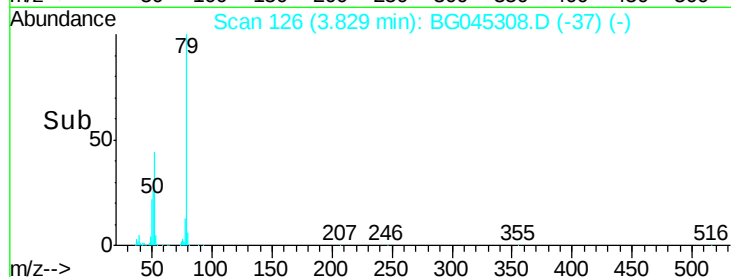
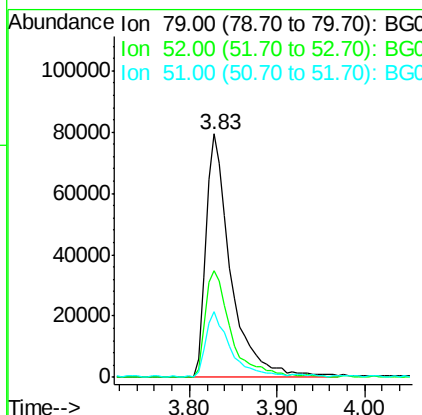
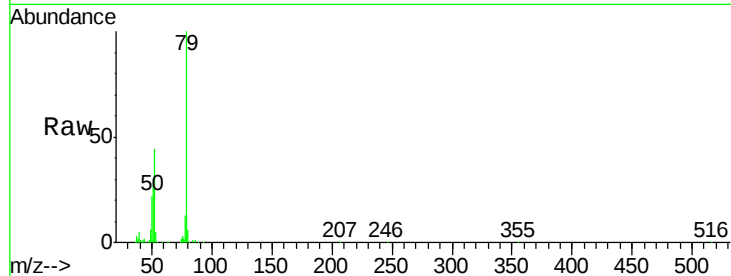
#3
 Pyridine
 Concen: 25.95 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampled :
 PB128752BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	43.9	39.8	59.6
51	26.7	21.4	32.2

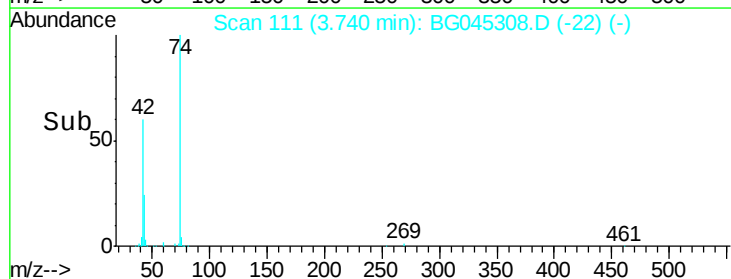
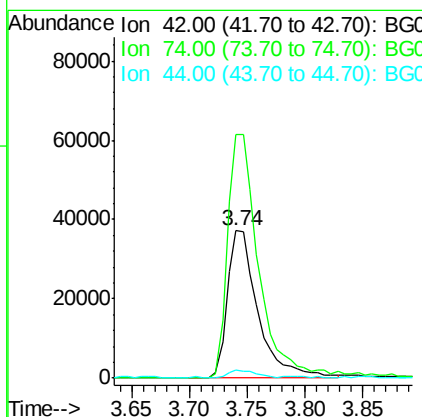
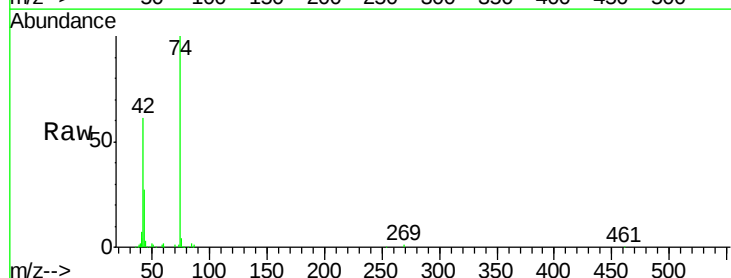
Manual Integrations
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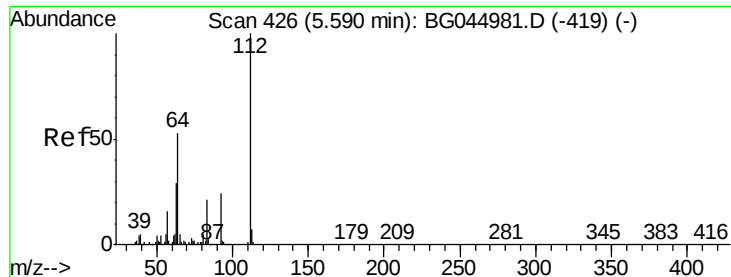
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#4
 n-Nitrosodimethylamine
 Concen: 36.75 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.8	143.0	214.6
44	5.5	4.6	6.8





#5

2-Fluorophenol

Concen: 111.80 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

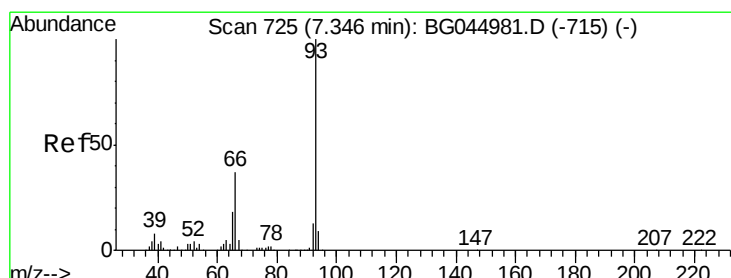
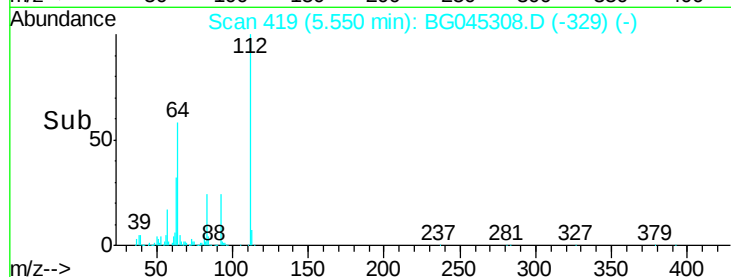
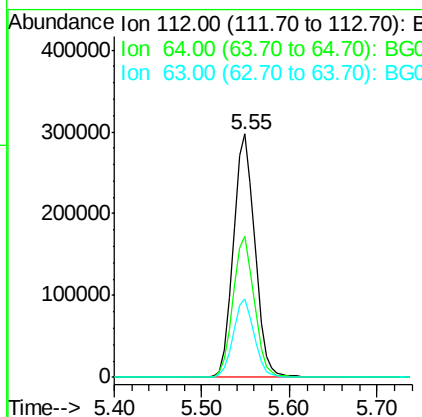
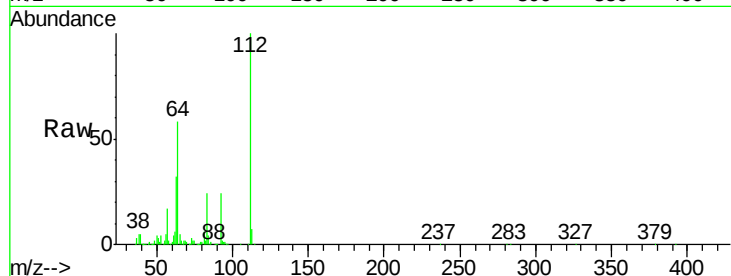
ClientSampleId :

PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	494070		
64	58.0	42.4	63.6	
63	32.3	23.1	34.7	

Manual Integrations
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#6

Aniline

Concen: 30.03 ng

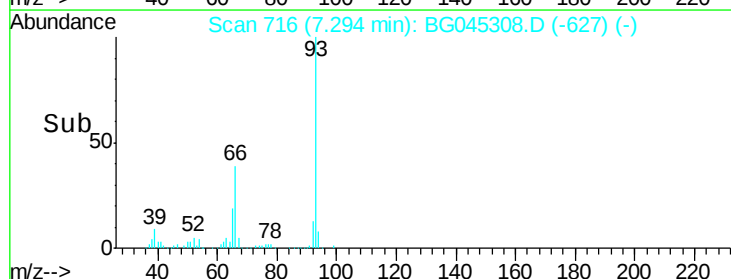
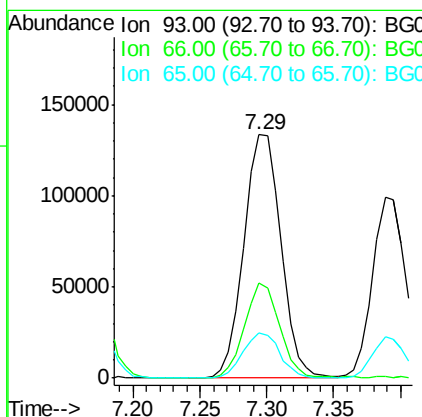
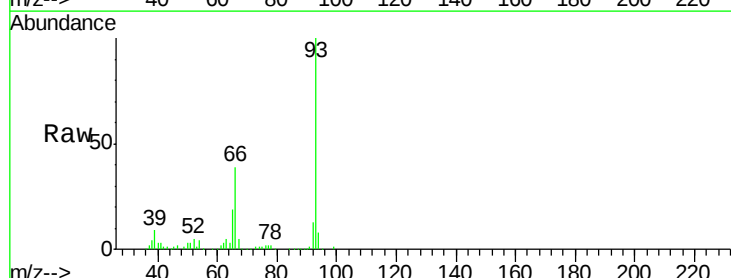
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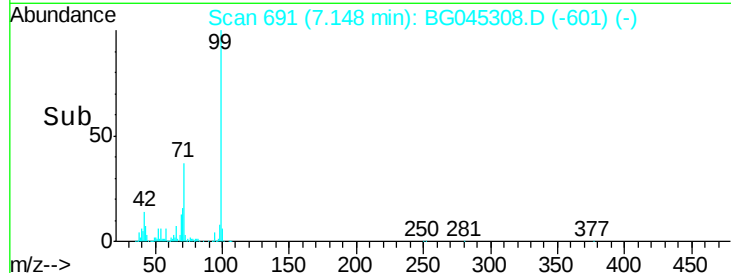
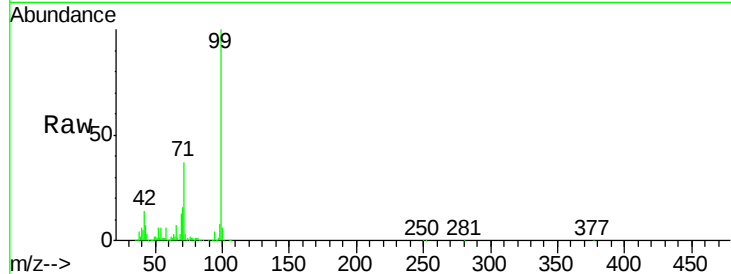
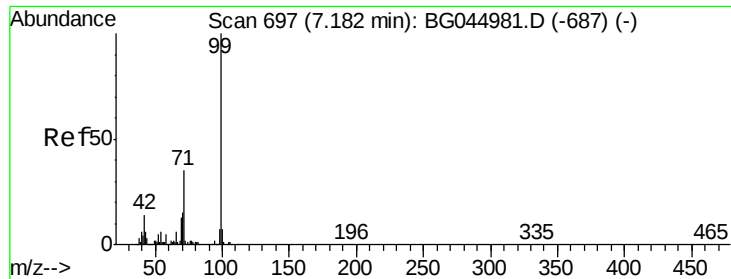
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256331		
66	39.2	29.8	44.8	
65	18.6	14.6	22.0	





#7

Phenol-d6

Concen: 103.93 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	682352		
42	13.7		11.3	16.9
71	37.2		28.3	42.5

Instrument :

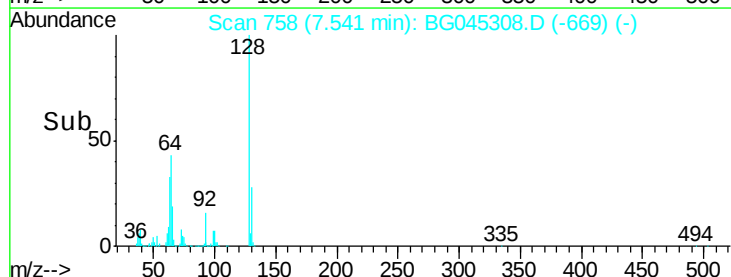
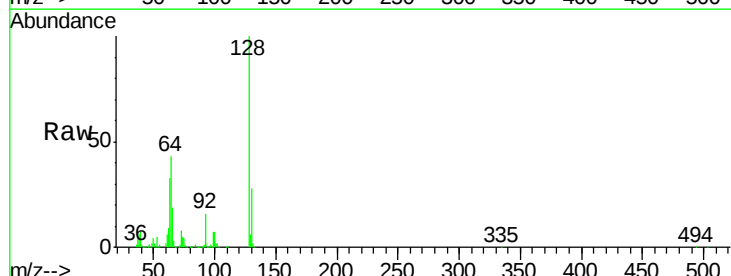
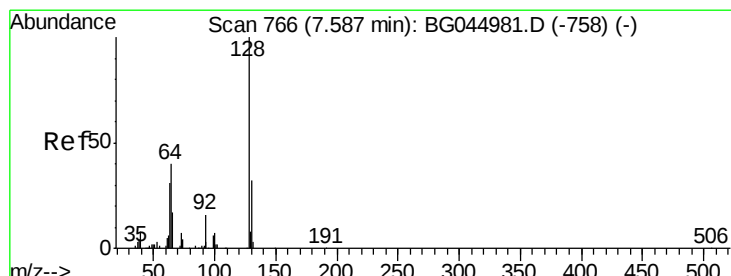
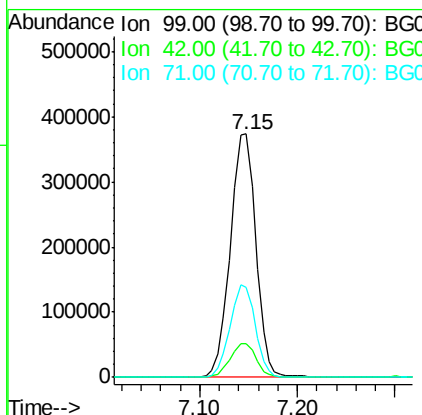
BNA_G

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#8

2-Chlorophenol

Concen: 38.20 ng

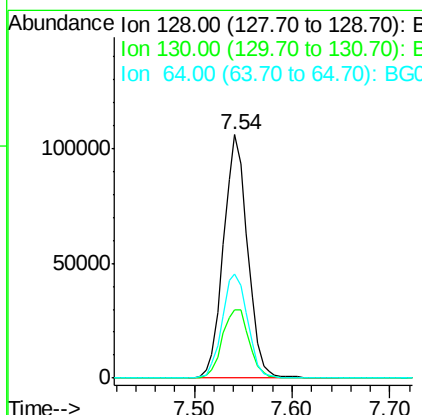
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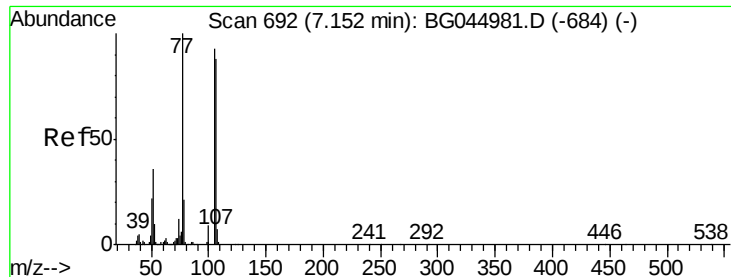
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	181443		
130	28.2		12.3	52.3
64	42.9		24.4	64.4





#9

Benzaldehyde

Concen: 35.50 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

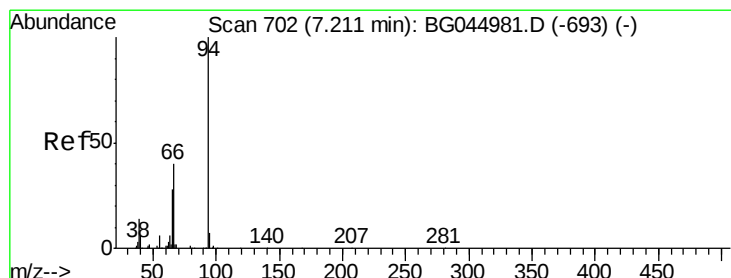
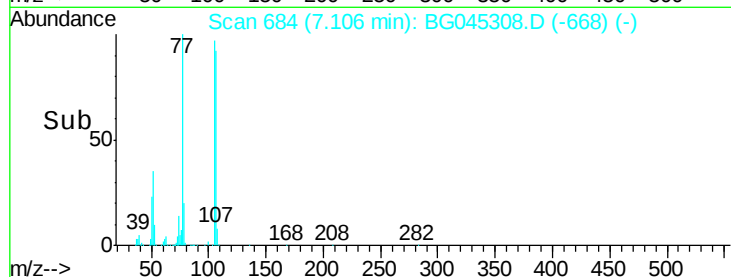
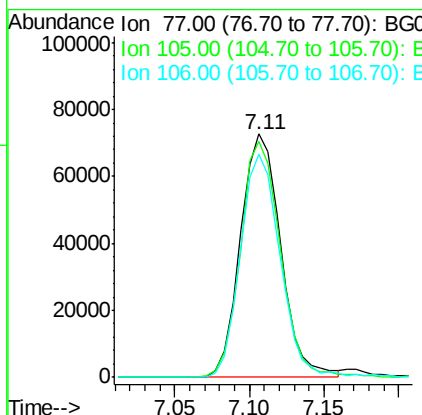
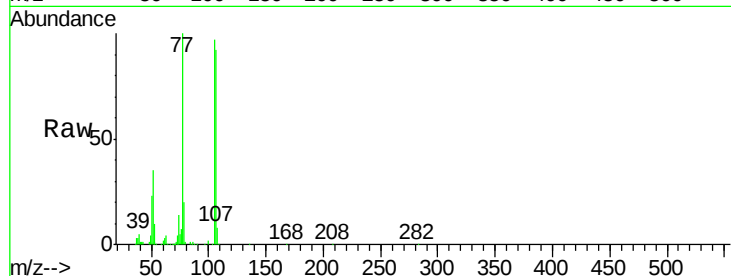
ClientSampleId :

PB128752BS

Tgt Ion:	77	Resp:	135929
Ion Ratio	Lower	Upper	
77	100		
105	97.1	72.9	112.9
106	91.7	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 36.70 ng

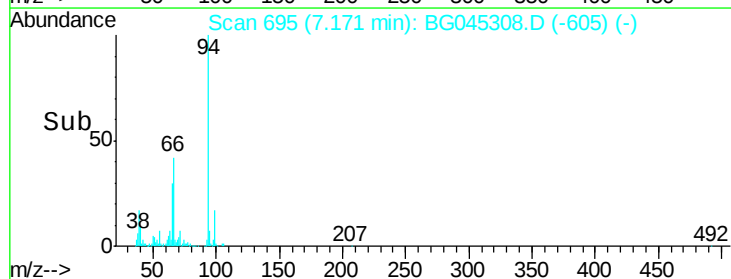
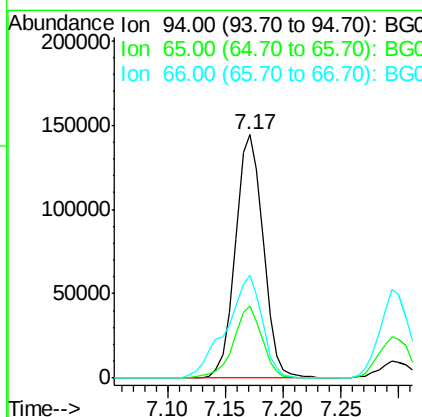
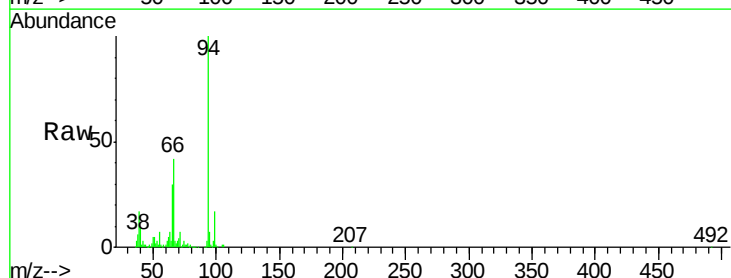
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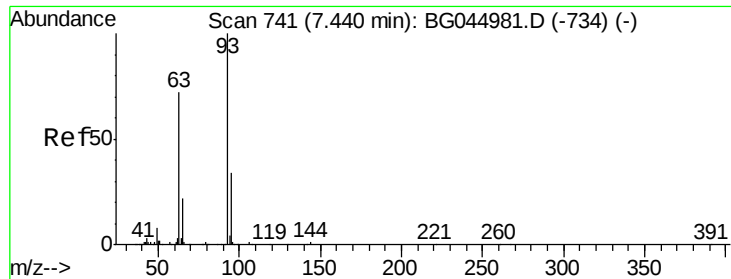
Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	94	Resp:	241146
Ion Ratio	Lower	Upper	
94	100		
65	29.6	8.2	48.2
66	42.2	20.4	60.4





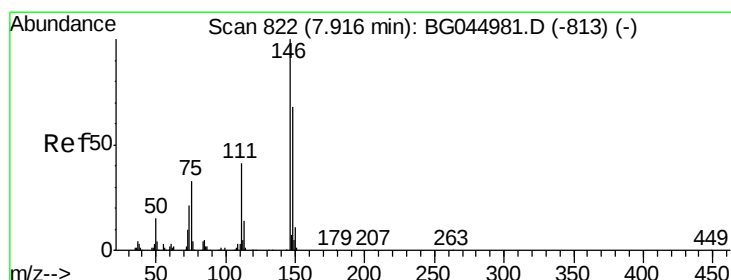
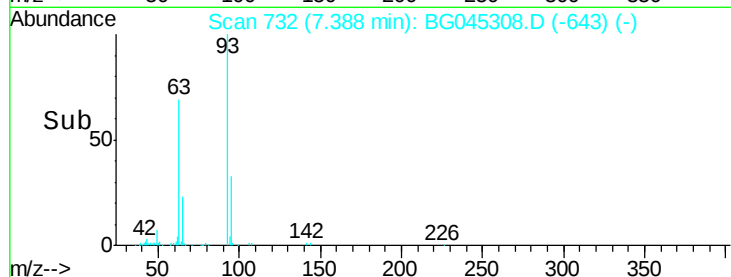
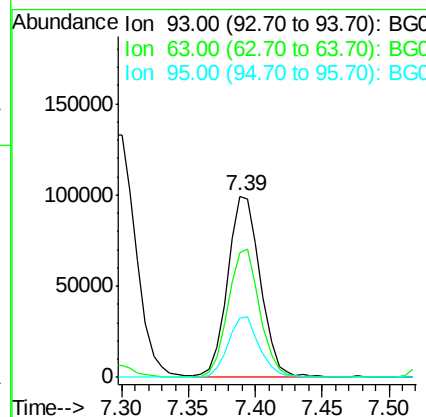
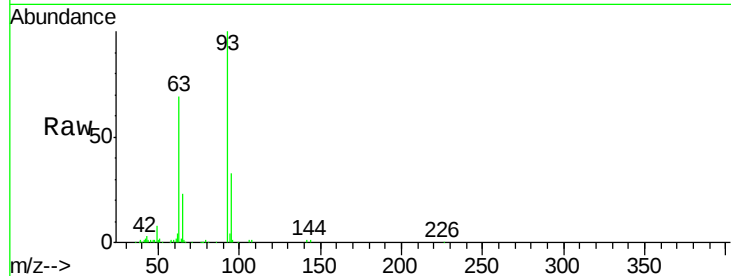
#11
bis(2-Chloroethyl)ether
Concen: 32.31 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	168992		
63	68.6	51.8	91.8	
95	32.7	13.8	53.8	

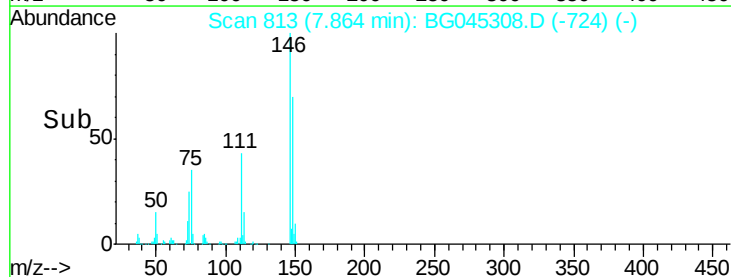
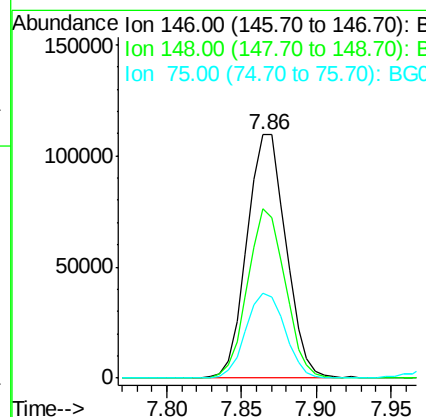
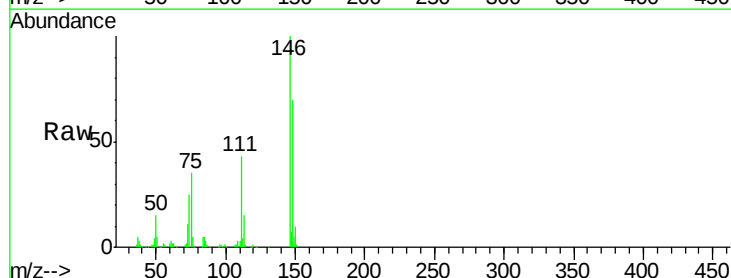
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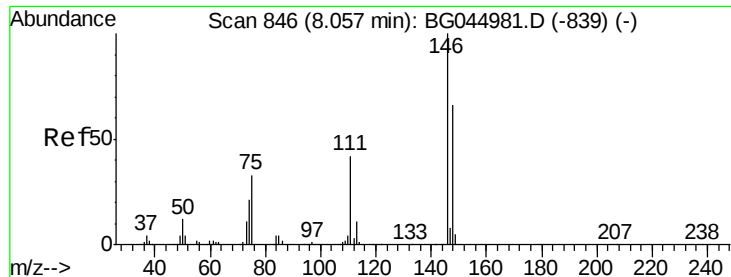
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.43 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198274		
148	69.7	54.6	81.8	
75	34.7	26.0	39.0	





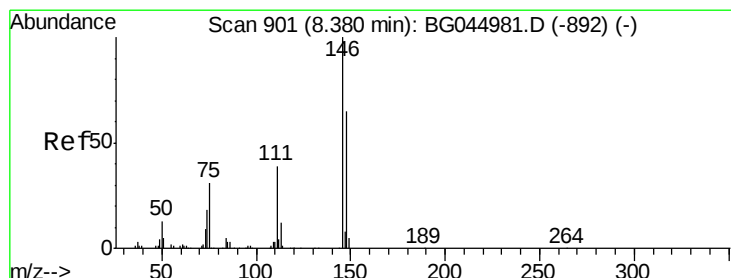
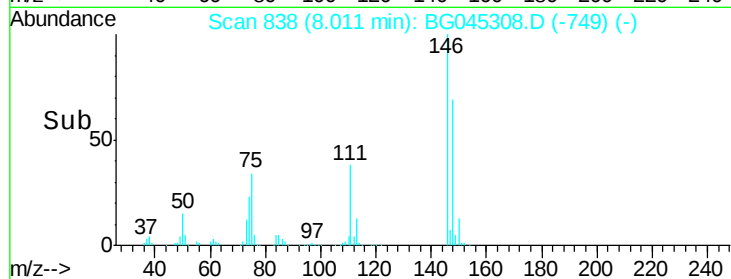
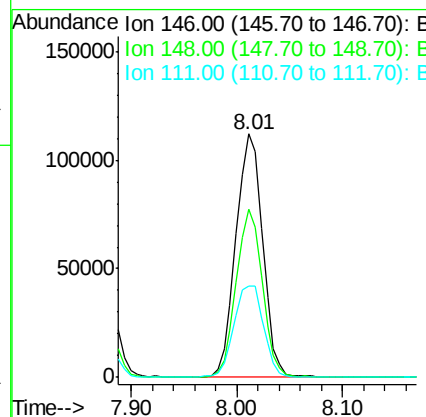
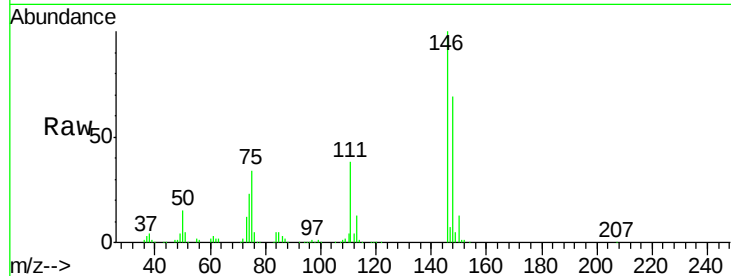
#13
1,4-Dichlorobenzene
Concen: 35.09 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampled :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195689		
148	68.9	53.3	79.9	
111	37.5	33.8	50.8	

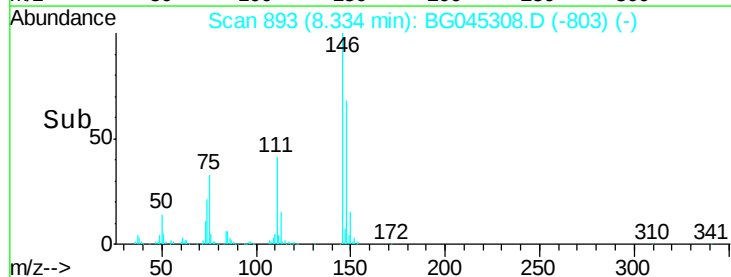
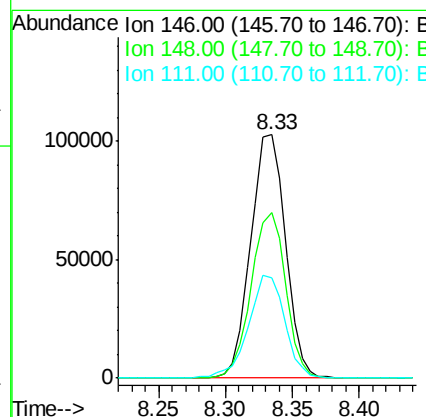
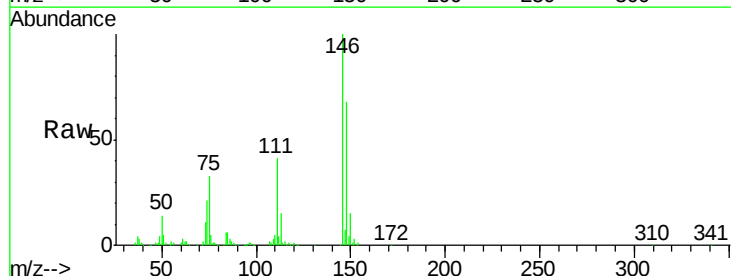
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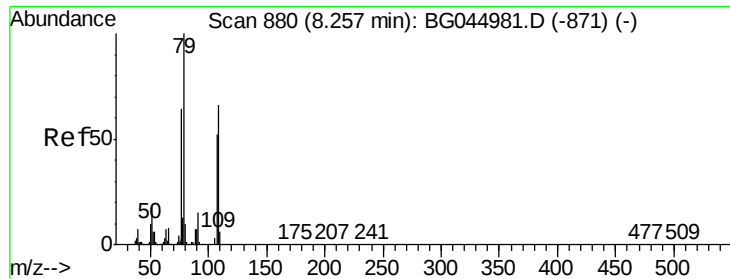
mohammad
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#14
1,2-Dichlorobenzene
Concen: 34.74 ng
RT: 8.33 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185363		
148	67.9	51.9	77.9	
111	41.1	31.3	46.9	





#15

Benzyl Alcohol

Concen: 33.13 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

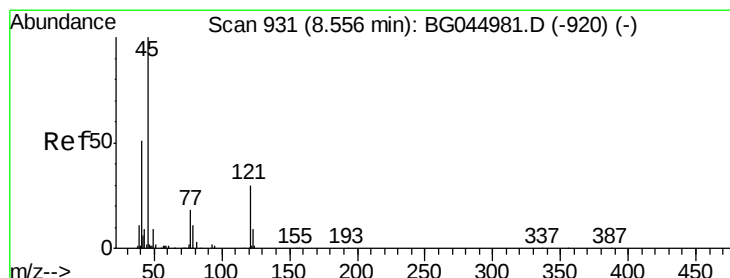
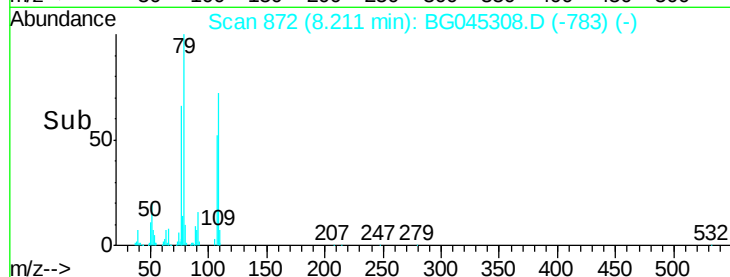
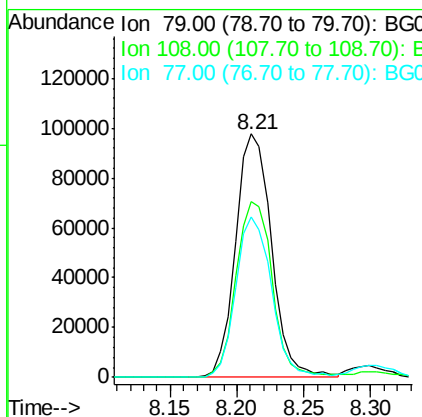
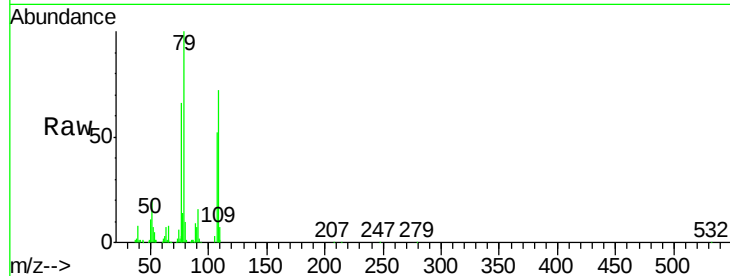
ClientSampleId :

PB128752BS

Tgt Ion:	79	Resp:	182346
Ion	Ratio	Lower	Upper
79	100		
108	72.3	52.7	79.1
77	66.0	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.61 ng

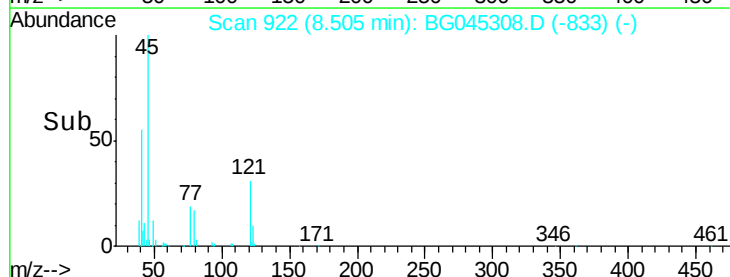
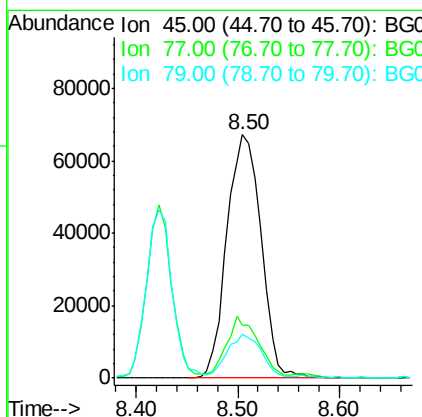
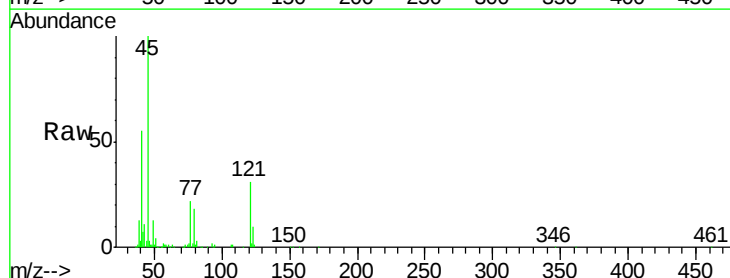
RT: 8.50 min Scan# 922

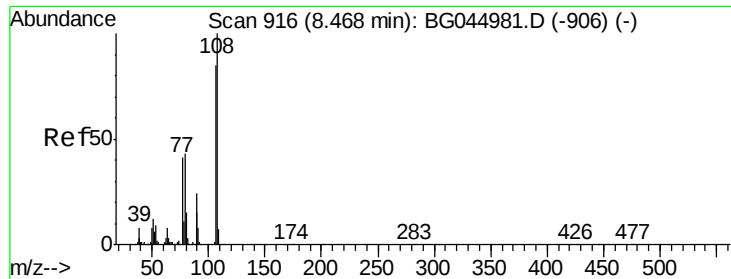
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	45	Resp:	157179
Ion	Ratio	Lower	Upper
45	100		
77	21.6	1.9	41.9
79	18.2	0.0	35.5





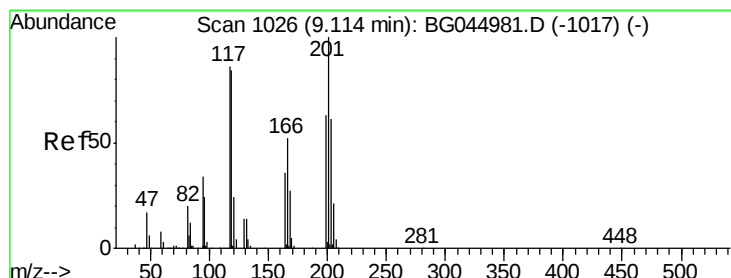
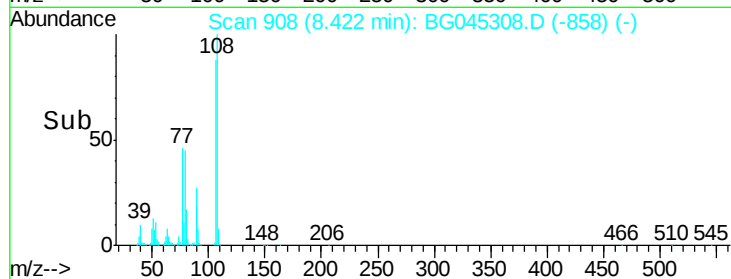
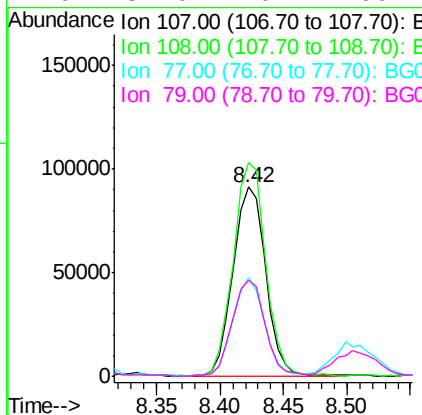
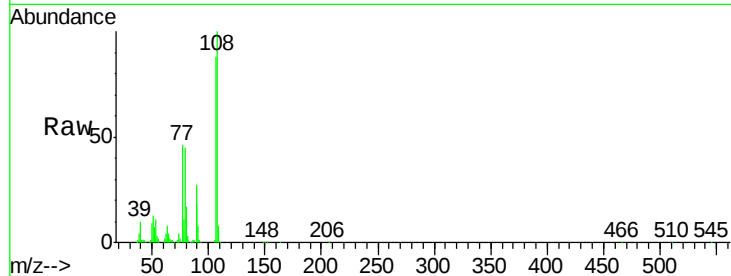
#17
2-Methylphenol
Concen: 32.31 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	163809		
108	113.1	93.8	140.6	
77	52.4	38.5	57.7	
79	51.0	40.1	60.1	

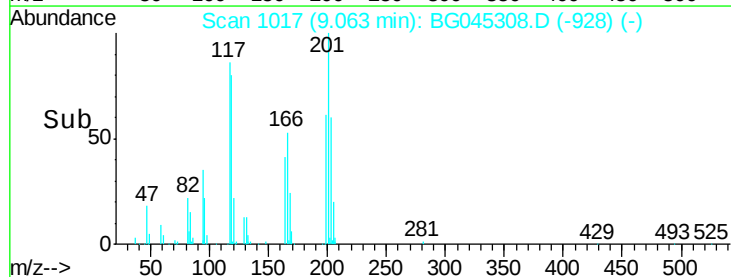
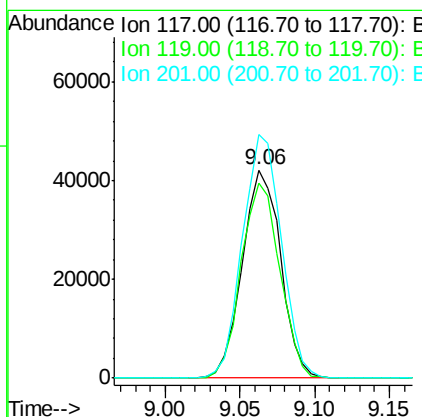
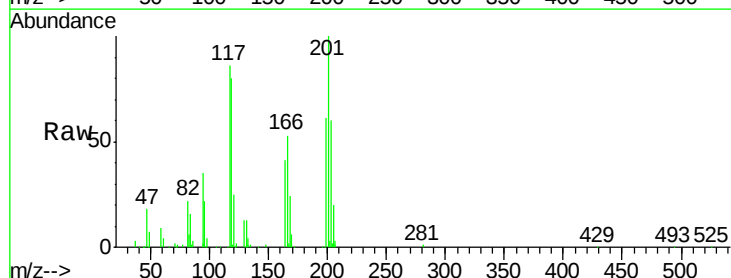
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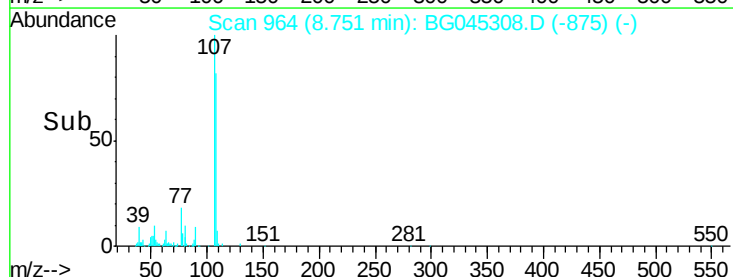
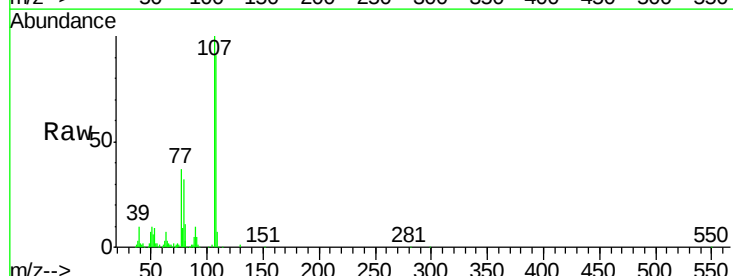
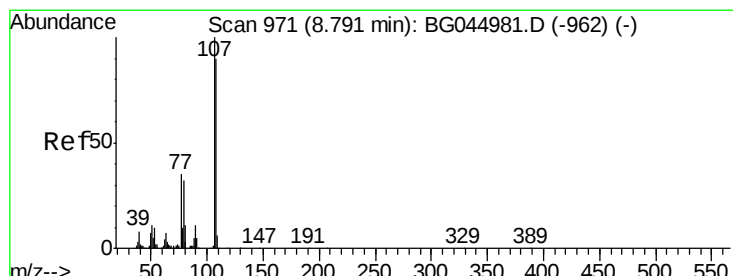
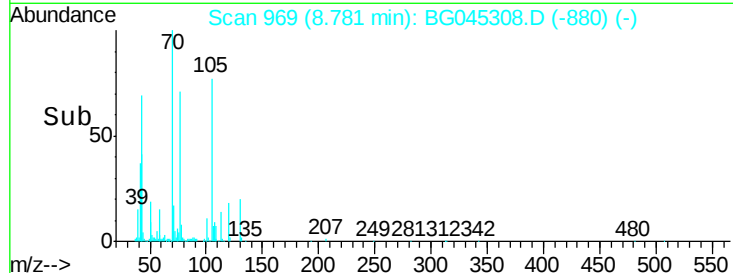
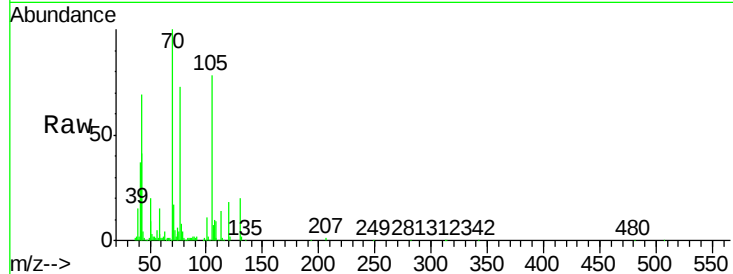
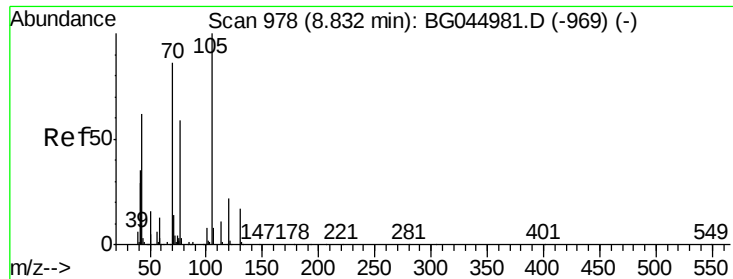
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#18
Hexachloroethane
Concen: 35.70 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

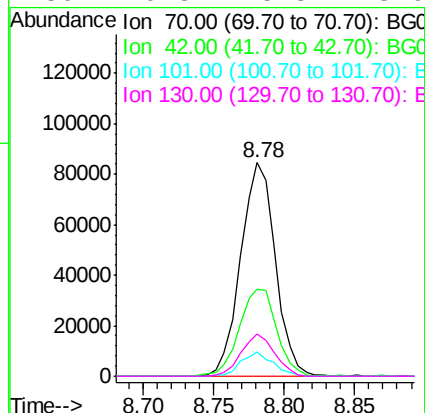
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74835		
119	93.8	78.3	117.5	
201	116.9	92.9	139.3	





#19
n-Nitroso-di-n-propylamine
Concen: 31.23 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.6	33.3	49.9
101	11.2	7.8	11.8
130	19.8	15.8	23.6



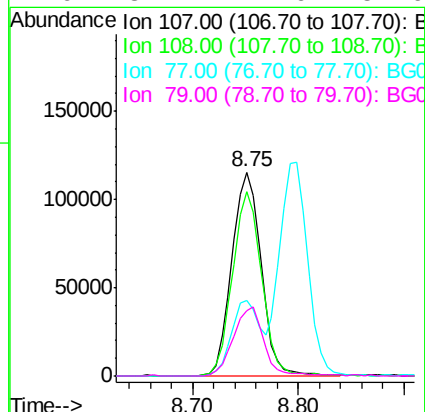
Instrument :
BNA_G
ClientSampleId :
PB128752BS

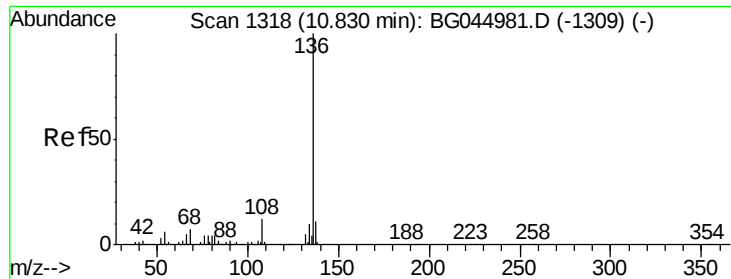
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#20
3+4-Methylphenols
Concen: 31.32 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.9	109.9
77	37.0	15.2	55.2
79	32.2	11.6	51.6





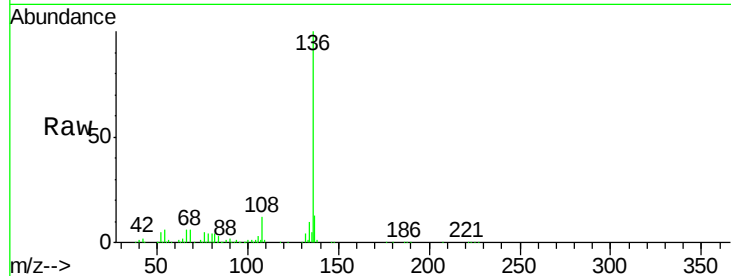
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

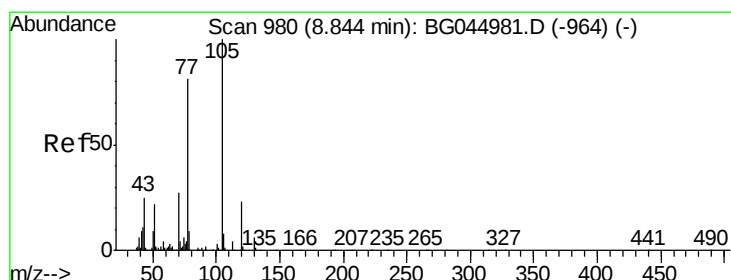
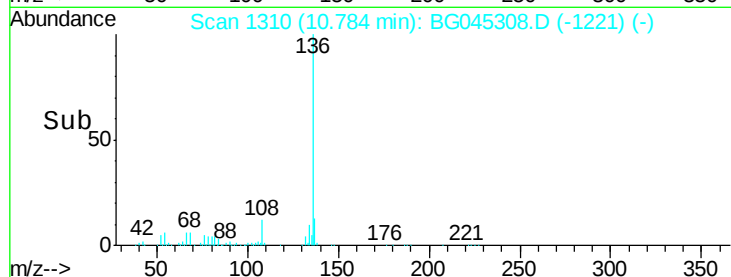
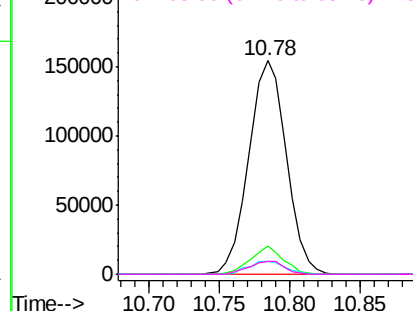
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	288098		
137	13.0	8.6	13.0#	
54	6.0	4.8	7.2	
68	6.2	5.2	7.8	

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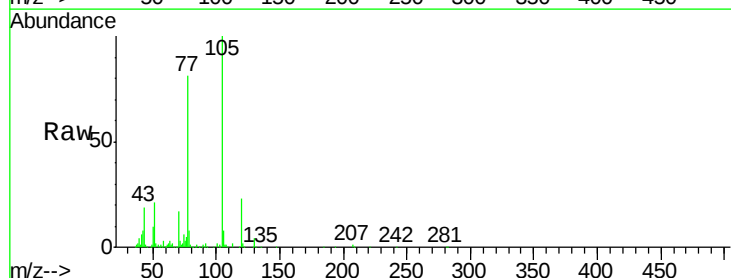


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

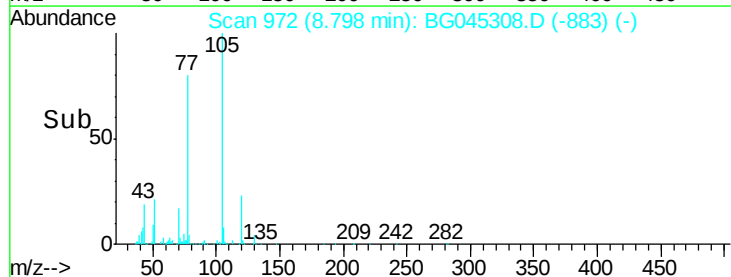
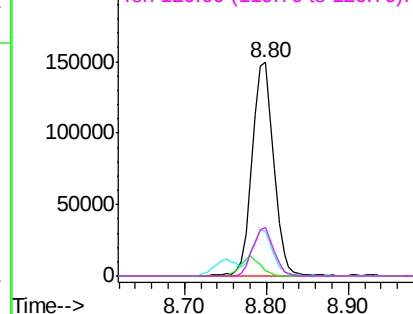


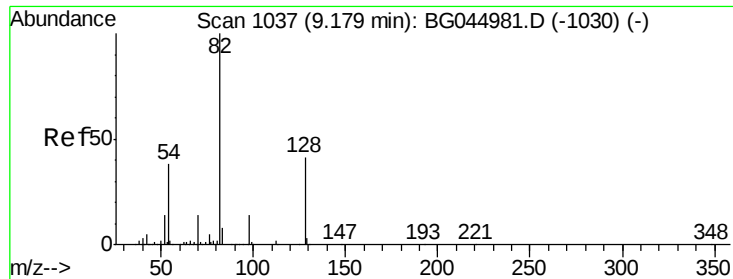
#22
Acetophenone
Concen: 35.49 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276497		
71	2.6	3.3	4.9#	
51	21.0	17.3	25.9	
120	22.6	18.4	27.6	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





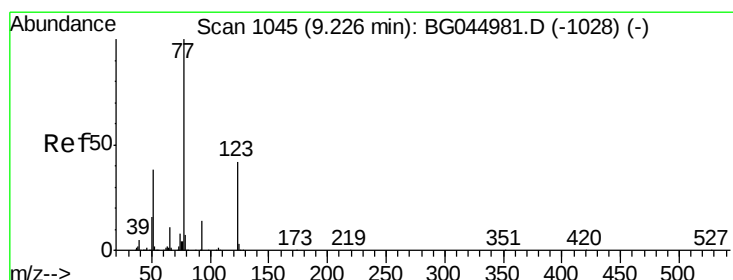
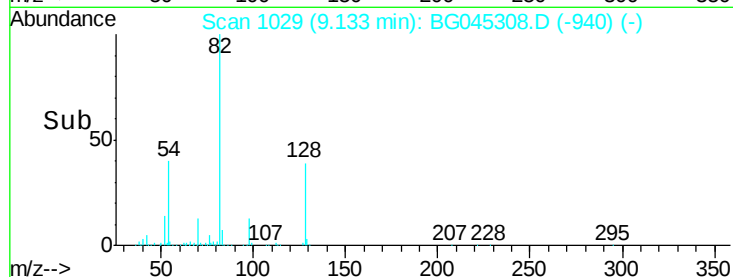
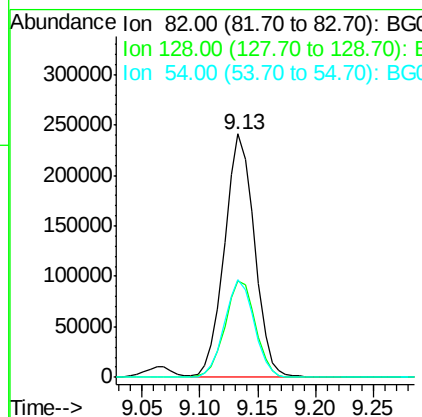
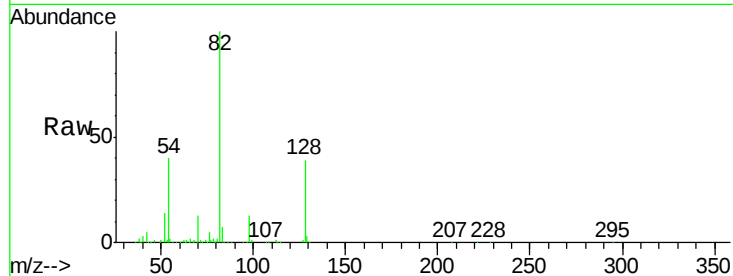
#23
 Nitrobenzene-d5
 Concen: 68.67 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	433583		
128	39.4	33.0	49.4	
54	40.0	30.4	45.6	

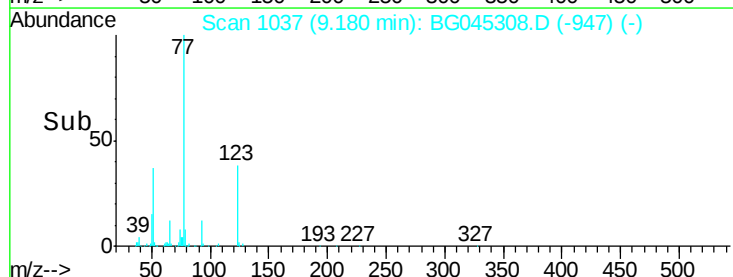
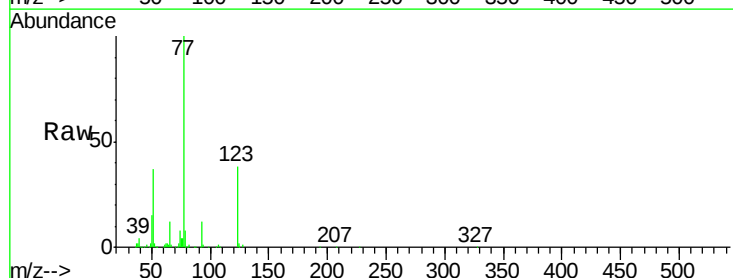
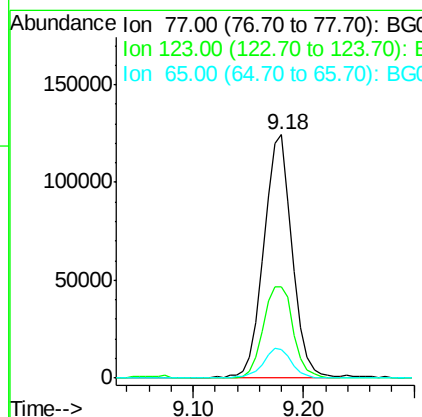
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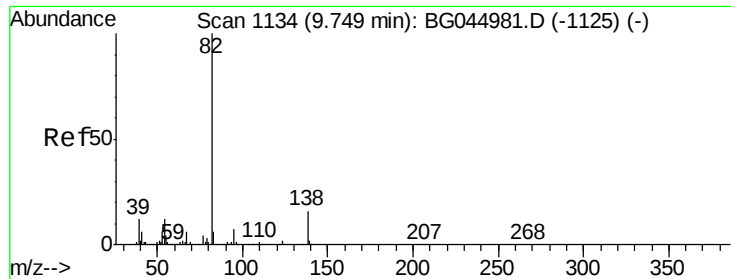
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#24
 Nitrobenzene
 Concen: 34.56 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	223670		
123	37.5	34.3	51.5	
65	11.8	8.9	13.3	





#25

Isophorone

Concen: 31.90 ng

RT: 9.70 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

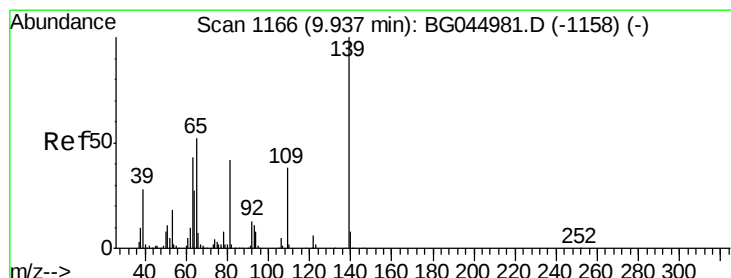
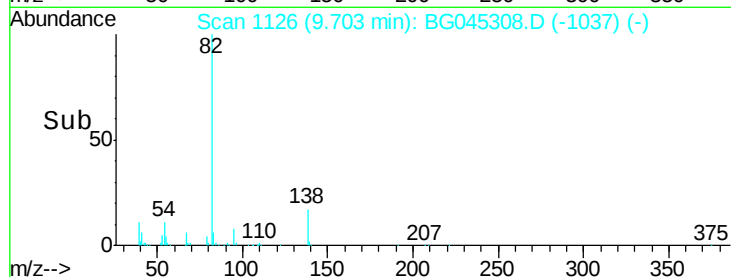
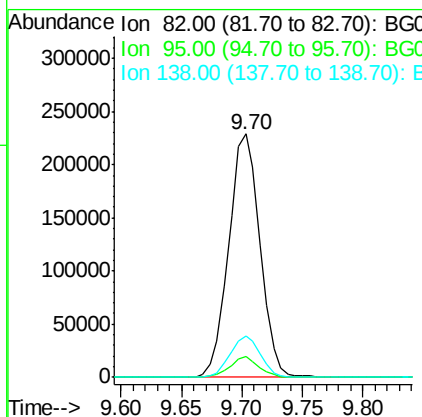
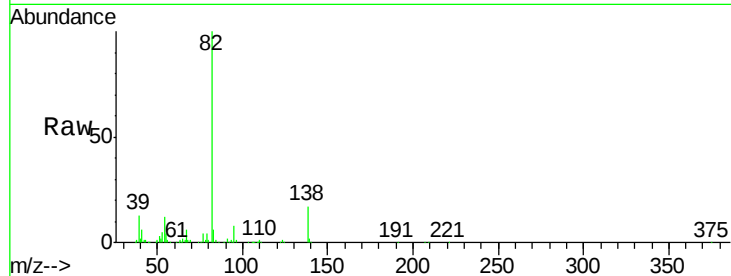
ClientSampleId :

PB128752BS

Tgt Ion:	82	Resp:	412451
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.0	9.0
138	16.8	12.7	19.1

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#26

2-Nitrophenol

Concen: 36.70 ng

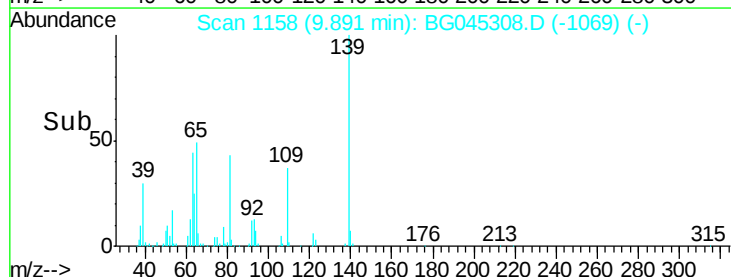
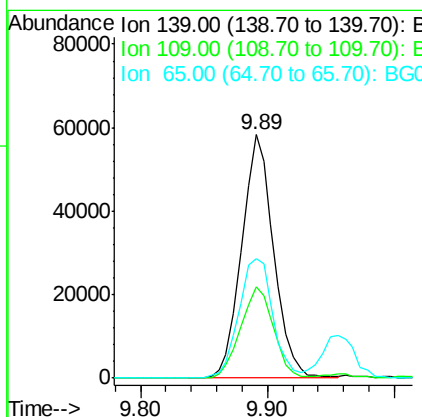
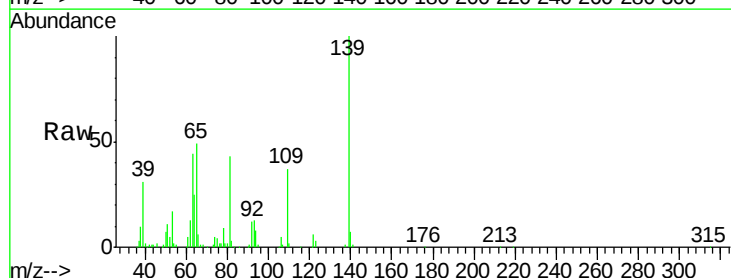
RT: 9.89 min Scan# 1158

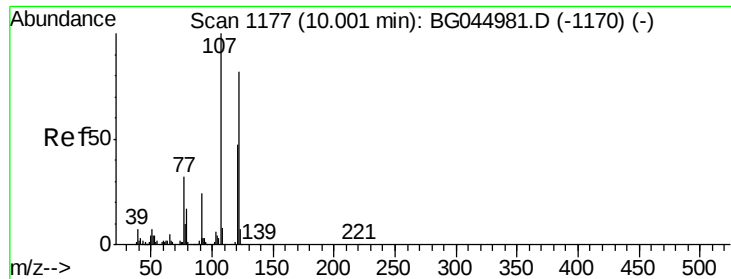
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	139	Resp:	102315
Ion Ratio	Lower	Upper	
139	100		
109	37.4	30.6	45.8
65	49.0	41.8	62.6





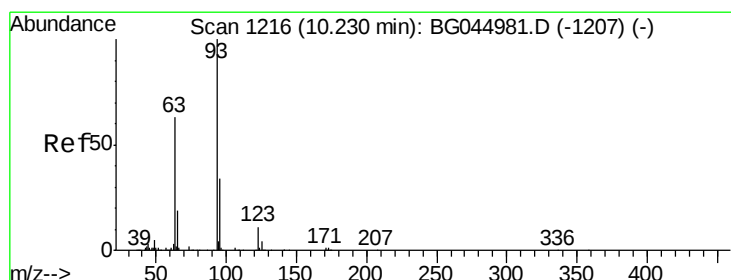
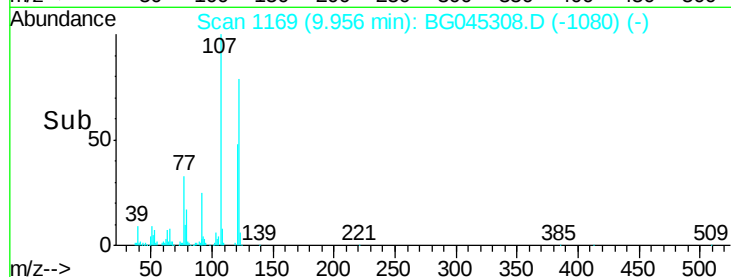
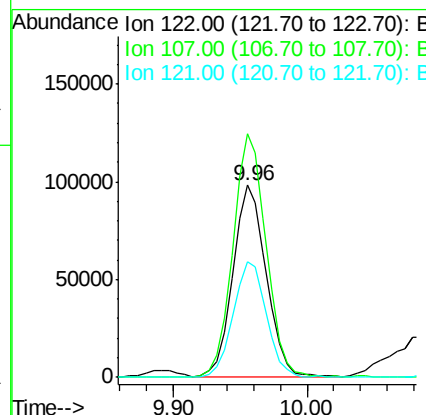
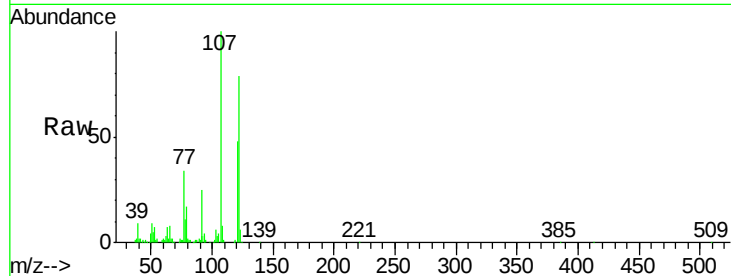
#27
2,4-Dimethylphenol
Concen: 38.26 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	169249		
107	126.7	96.8	145.2	
121	60.3	45.6	68.4	

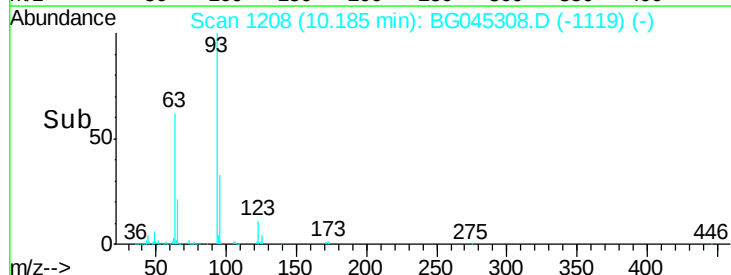
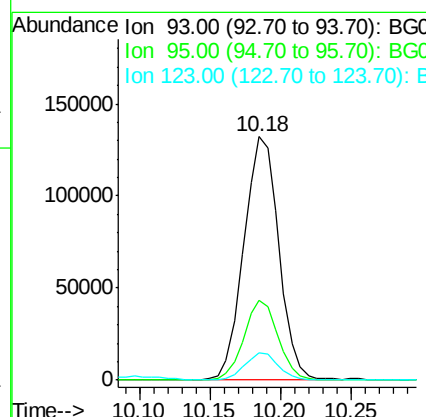
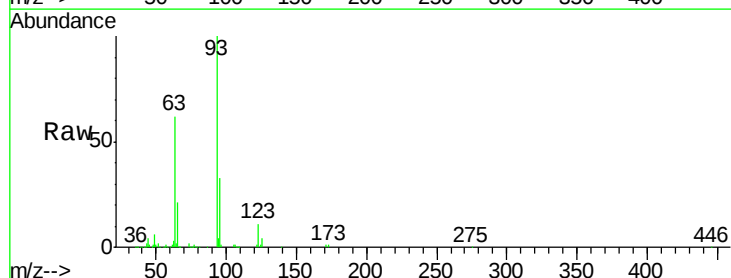
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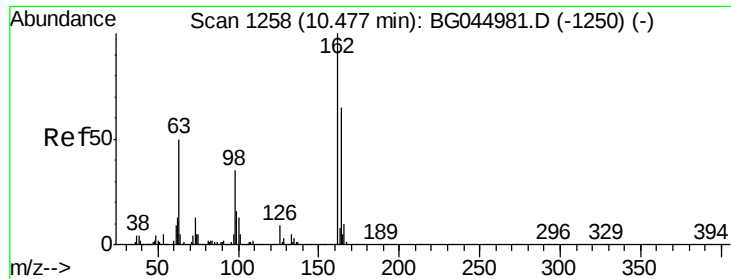
mohammad
5/13/2020 8:15:16 AM



#28
bis(2-Chloroethoxy)methane
Concen: 33.79 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	229567		
95	32.8	27.0	40.4	
123	11.2	8.7	13.1	





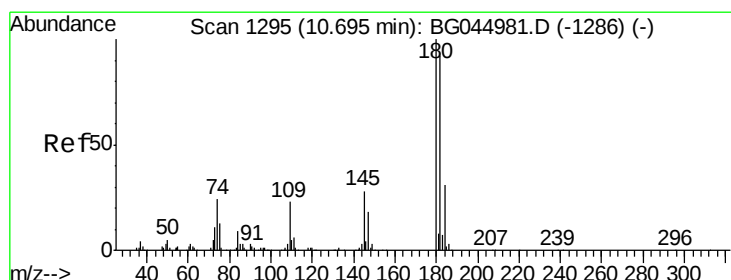
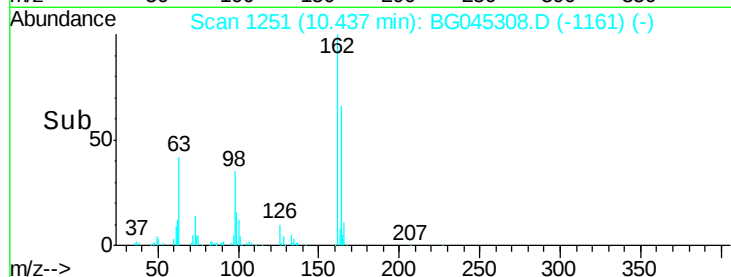
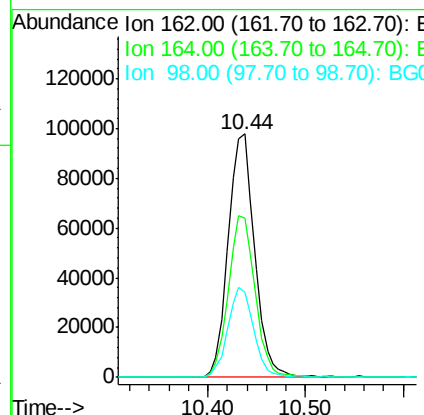
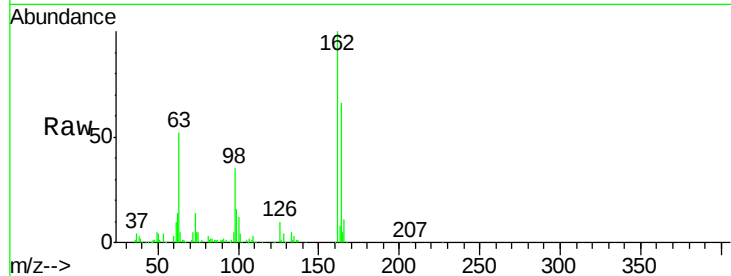
#29
2,4-Dichlorophenol
Concen: 36.10 ng
RT: 10.44 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	184392		
164	65.6	45.0	85.0	
98	35.1	15.2	55.2	

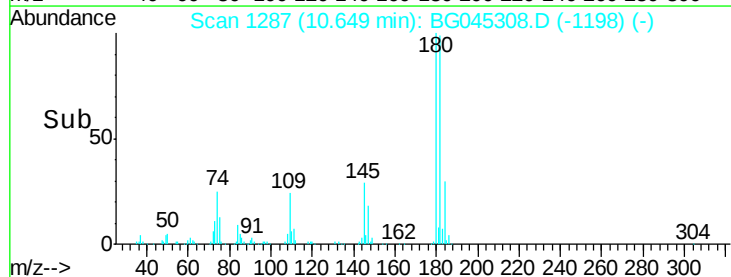
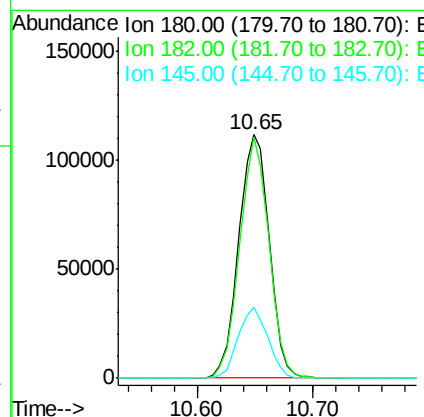
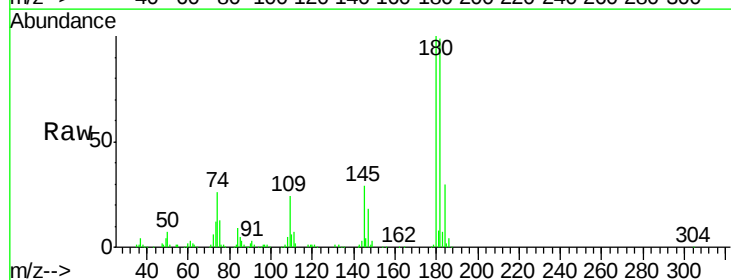
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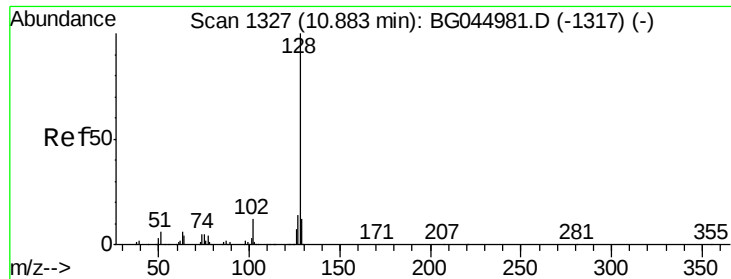
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.35 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204433		
182	98.9	73.3	109.9	
145	29.3	22.6	33.8	





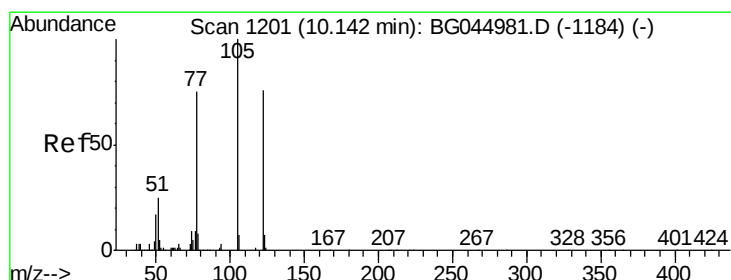
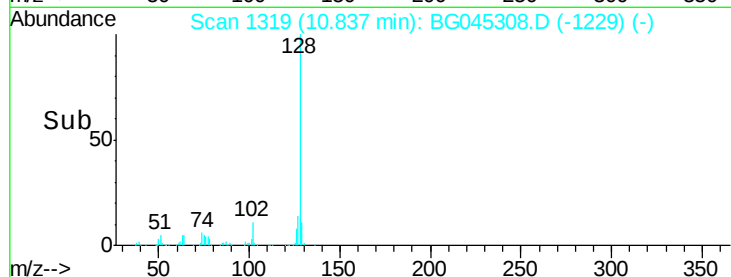
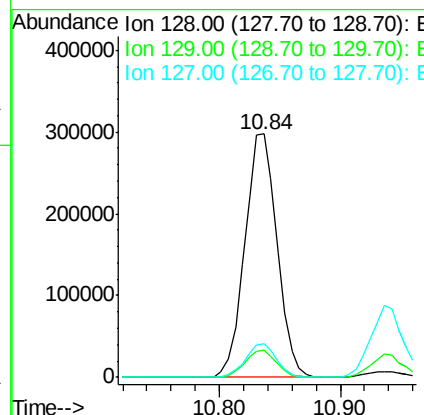
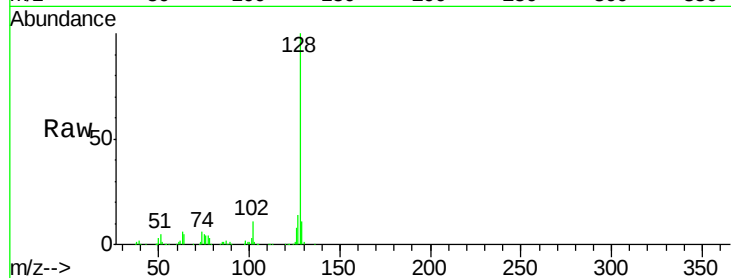
#31
Naphthalene
Concen: 35.21 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.4	14.2
127	13.7	10.8	16.2

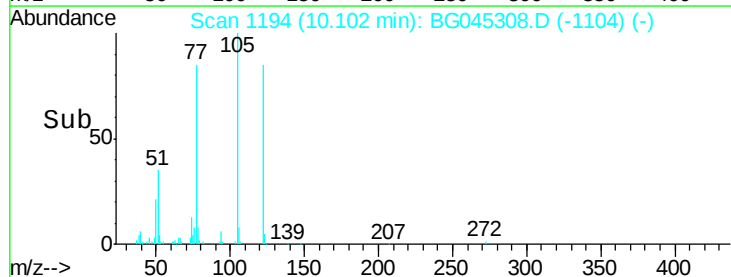
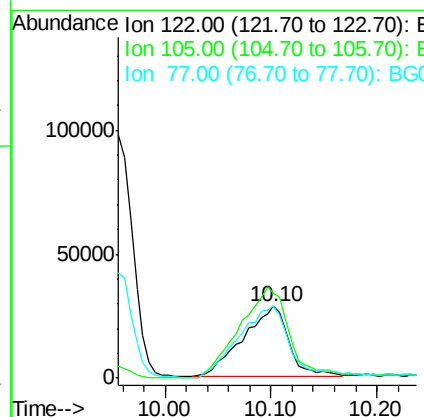
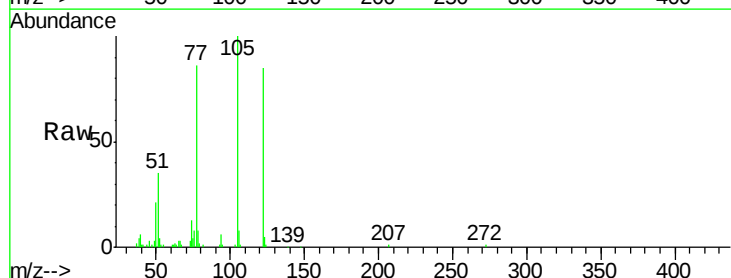
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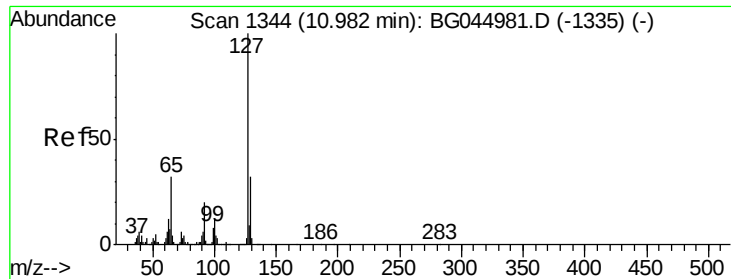
mohammad
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#32
Benzoic acid
Concen: 27.54 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.2	108.4	148.4
77	101.6	78.8	118.8





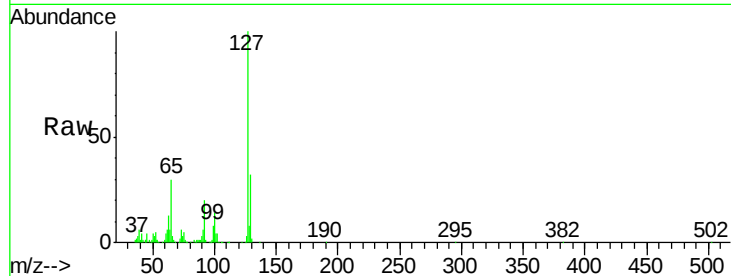
#33
4-Chloroaniline
Concen: 22.46 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampled :
PB128752BS

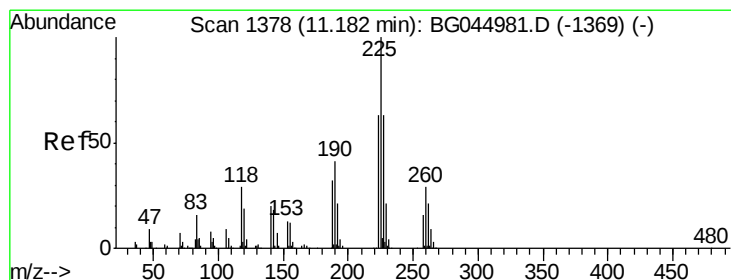
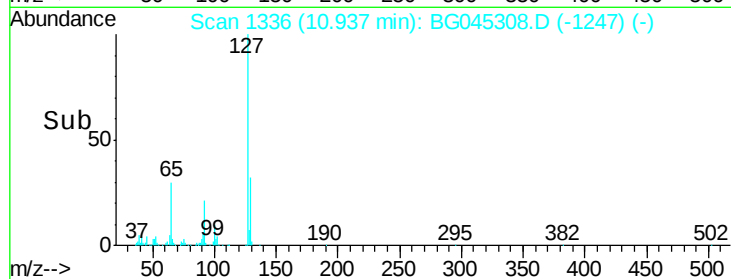
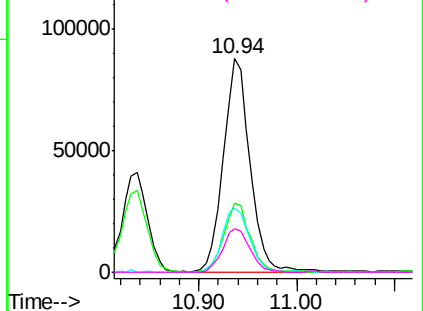
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	165116		
129	32.4	25.7	38.5	
65	30.2	25.4	38.2	
92	20.4	16.1	24.1	

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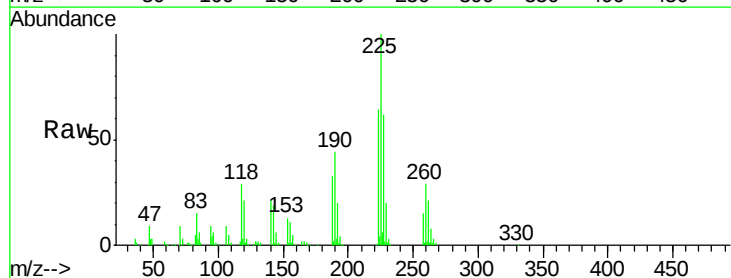


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

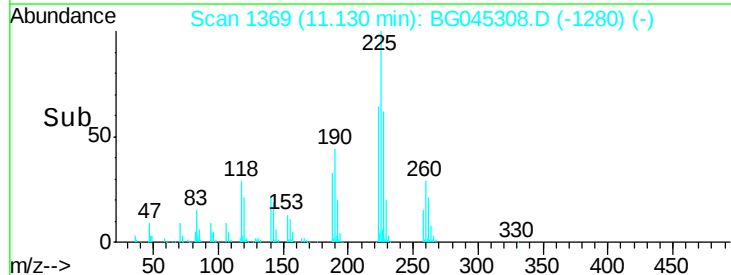
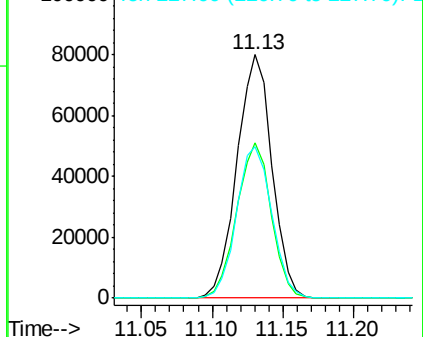


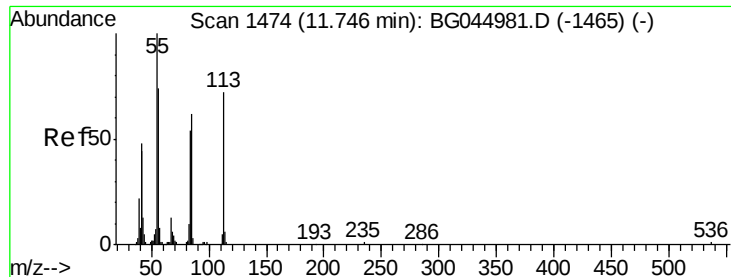
#34
Hexachlorobutadiene
Concen: 34.99 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138726		
223	63.9	50.7	76.1	
227	62.4	50.2	75.2	



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





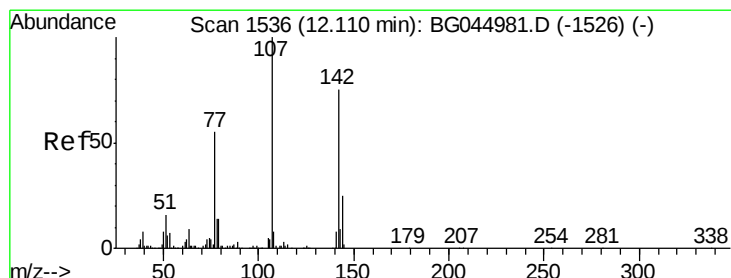
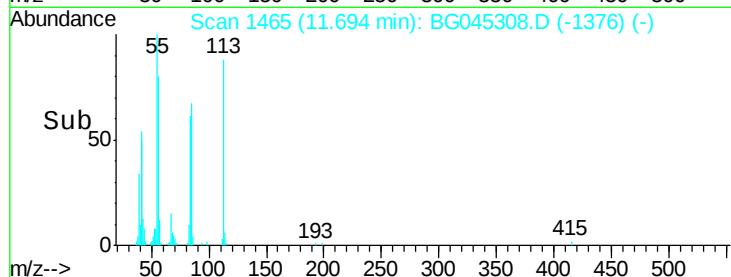
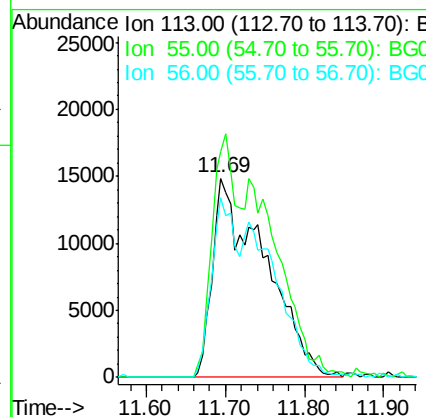
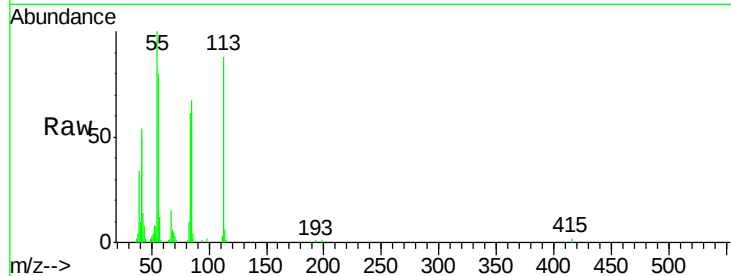
#35
 Caprolactam
 Concen: 33.35 ng m
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion:113 Resp: 67789
 Ion Ratio Lower Upper
 113 100
 55 113.0 118.8 158.8#
 56 90.2 82.6 122.6

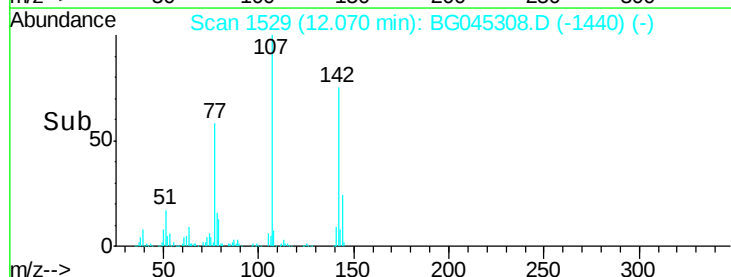
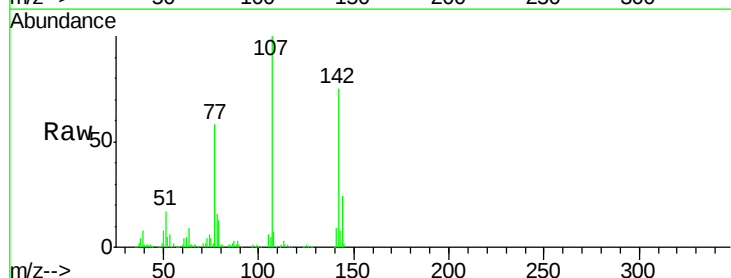
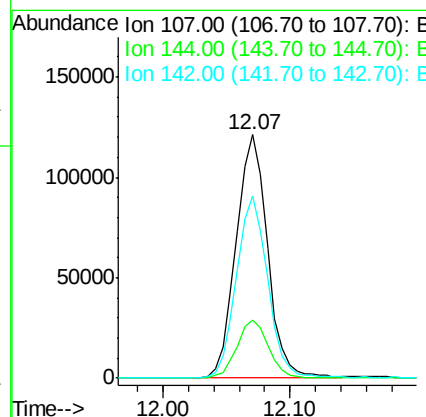
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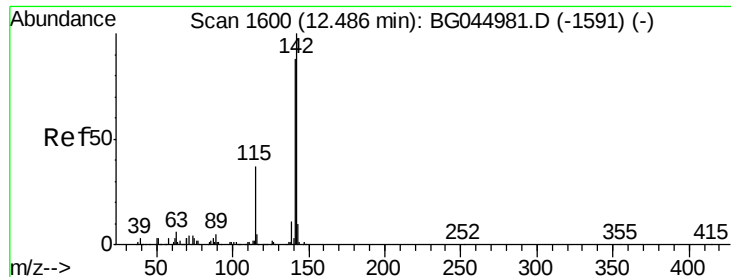
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 34.68 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion:107 Resp: 208094
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.8 29.6
 142 74.7 59.7 89.5





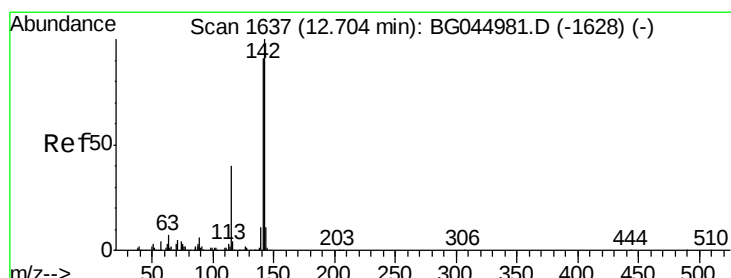
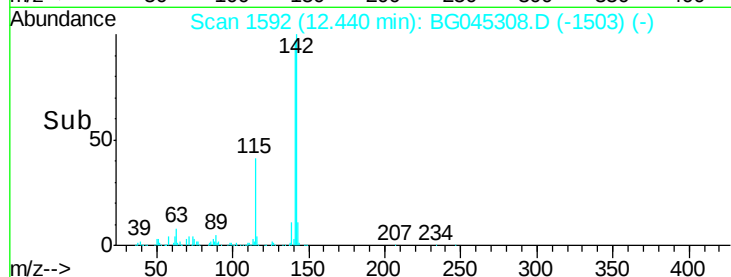
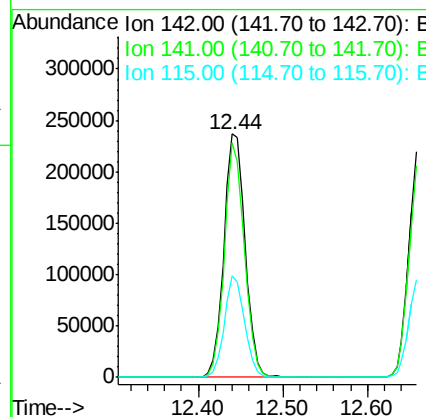
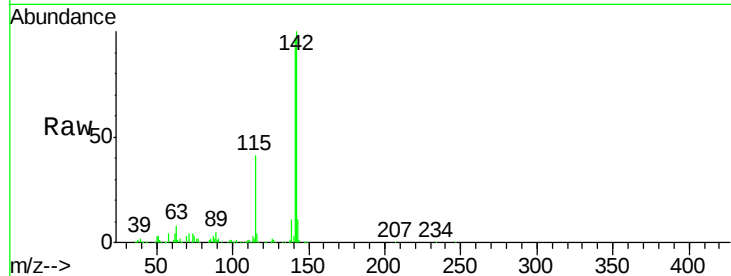
#37
 2-Methylnaphthalene
 Concen: 33.89 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	414536		
141	96.6	70.3	105.5	
115	41.5	29.8	44.6	

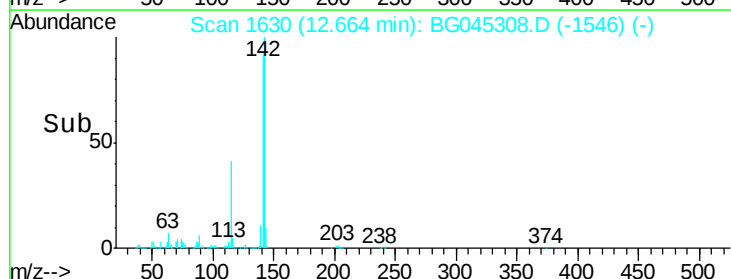
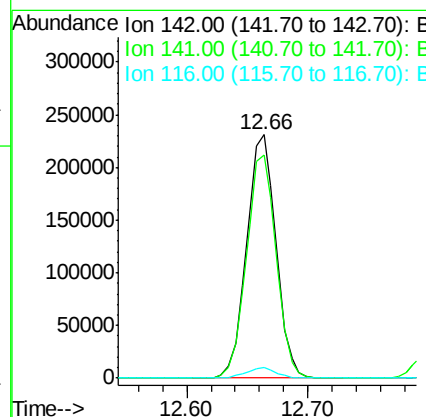
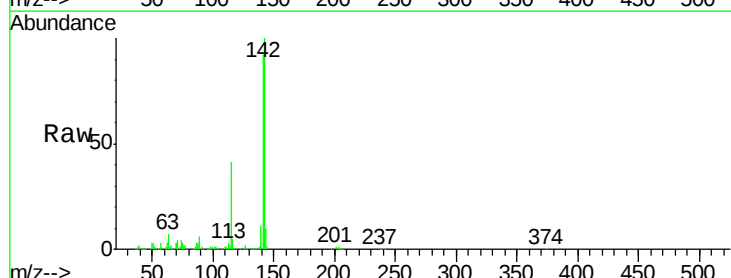
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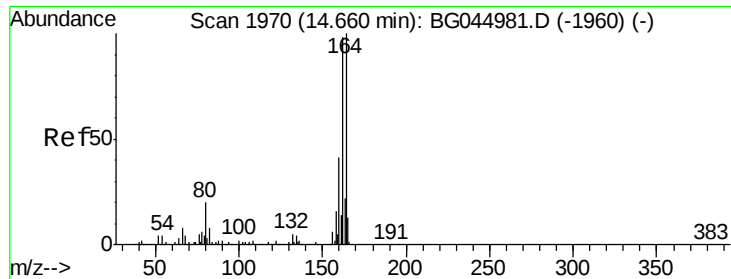
mohammad
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#38
 1-Methylnaphthalene
 Concen: 33.86 ng
 RT: 12.66 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	391002		
141	91.6	72.7	109.1	
116	4.5	3.1	4.7	





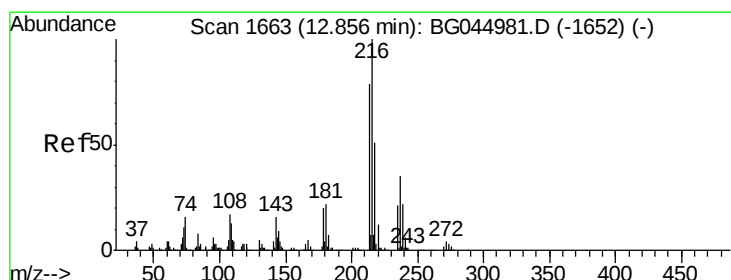
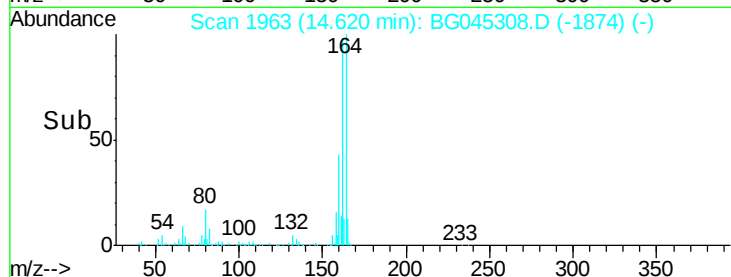
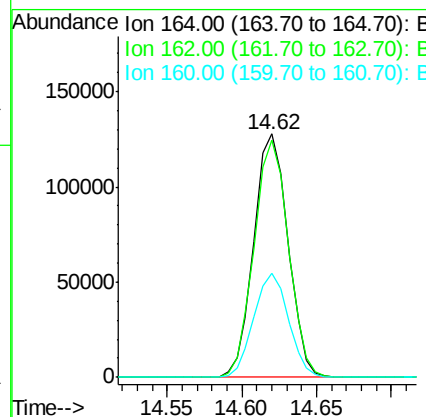
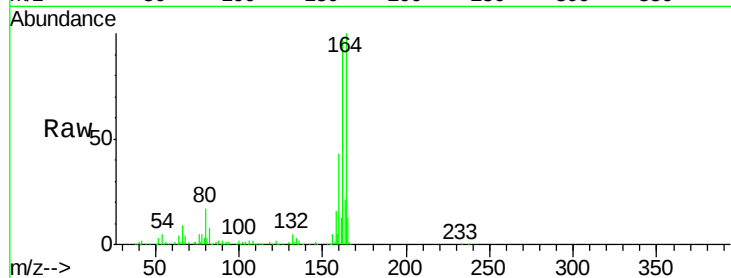
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201979		
162	97.4		78.7	118.1
160	42.7		32.8	49.2

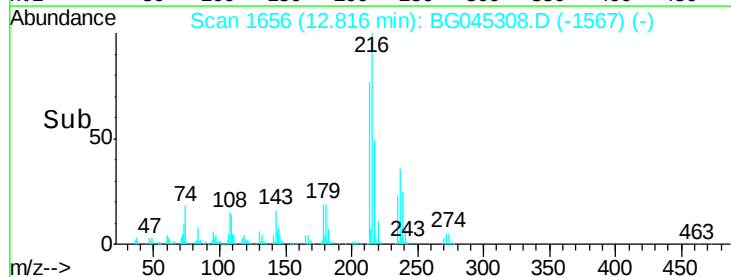
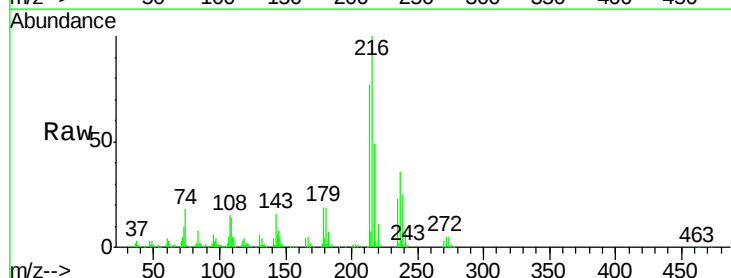
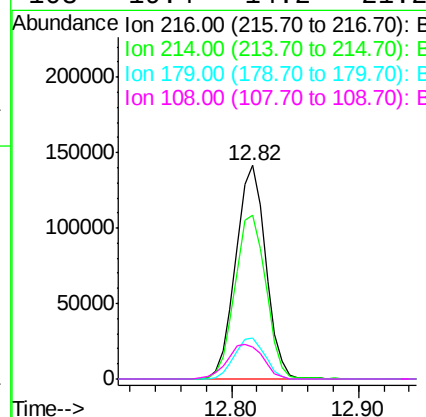
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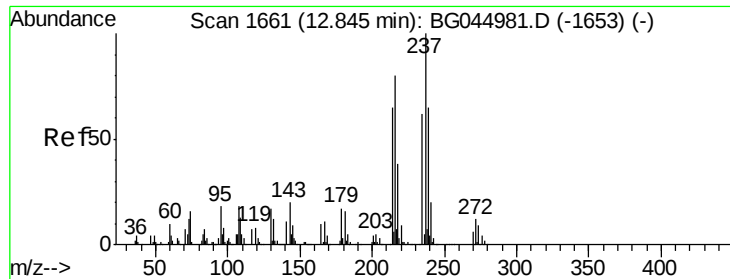
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.65 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	231832		
214	79.2		63.0	94.6
179	19.7		15.8	23.8
108	19.4		14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 79.66 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

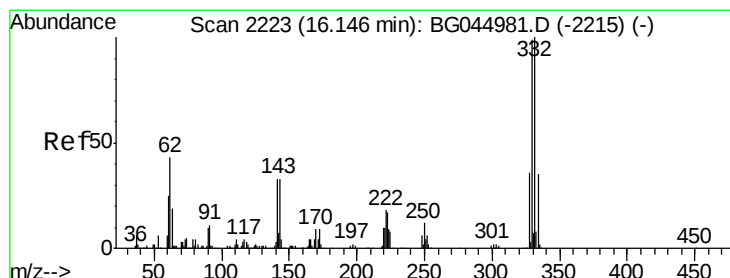
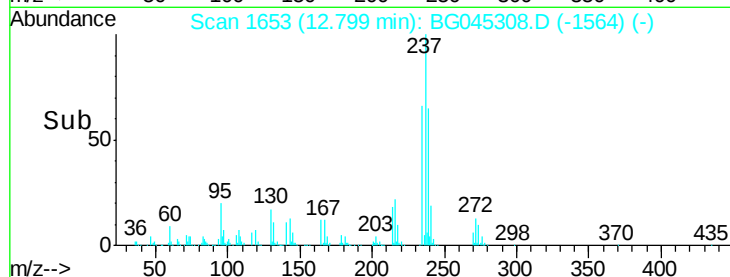
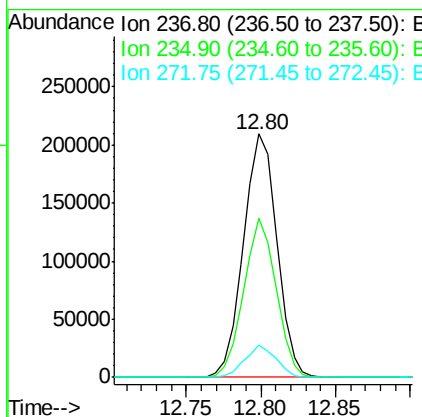
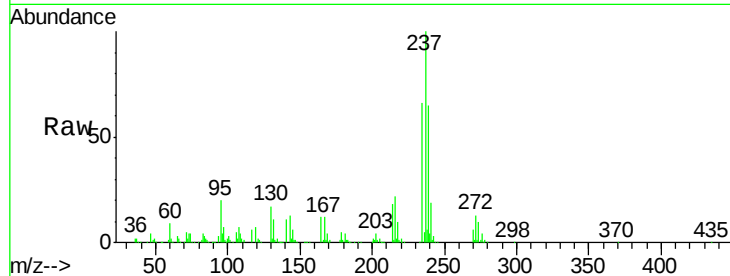
ClientSampleId :

PB128752BS

Tgt Ion:	237	Resp:	323800
Ion Ratio	Lower	Upper	
237	100		
235	65.5	41.6	81.6
272	13.1	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 99.46 ng

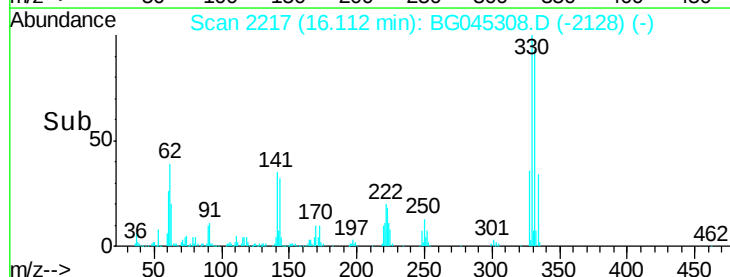
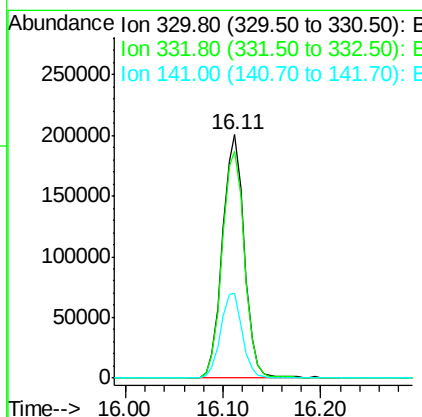
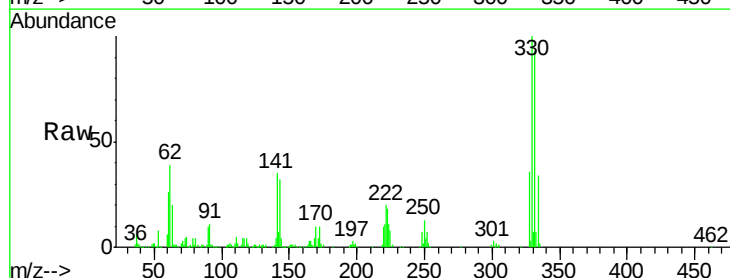
RT: 16.11 min Scan# 2217

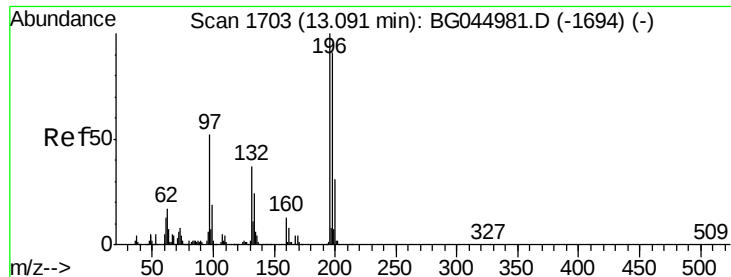
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	330	Resp:	310336
Ion Ratio	Lower	Upper	
330	100		
332	95.4	79.1	118.7
141	34.6	27.1	40.7





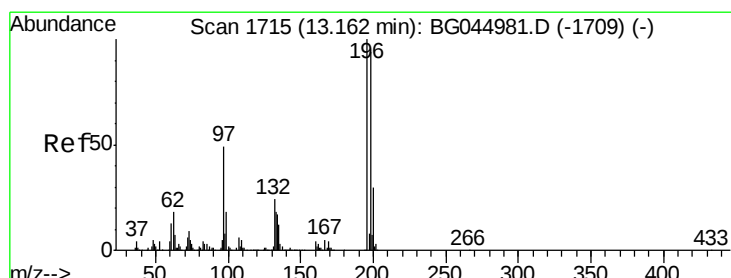
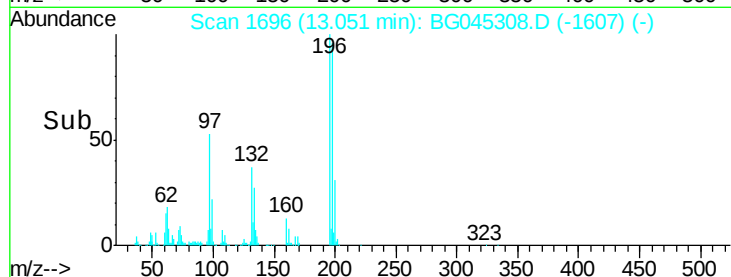
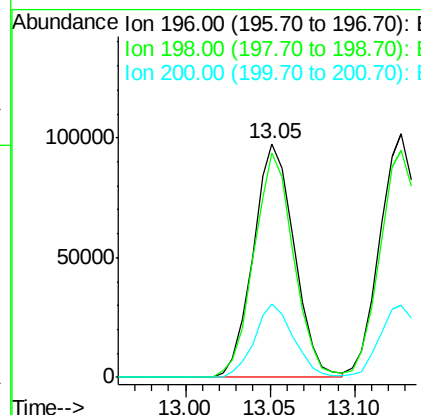
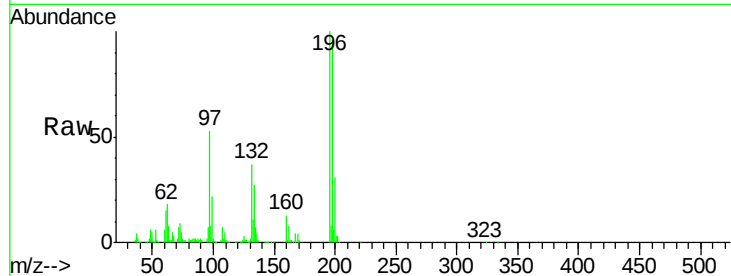
#43
 2,4,6-Trichlorophenol
 Concen: 35.74 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampled :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164043		
198	96.3	72.5	108.7	
200	31.3	24.5	36.7	

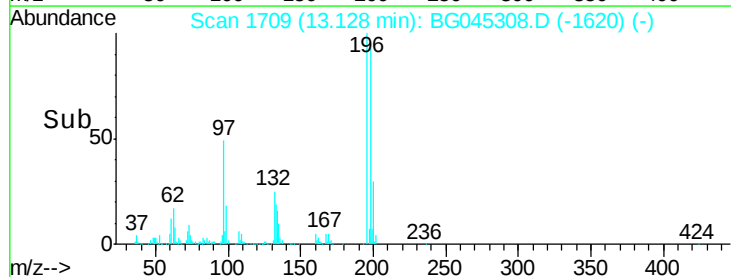
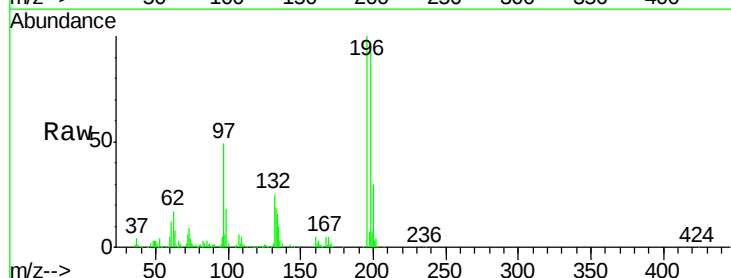
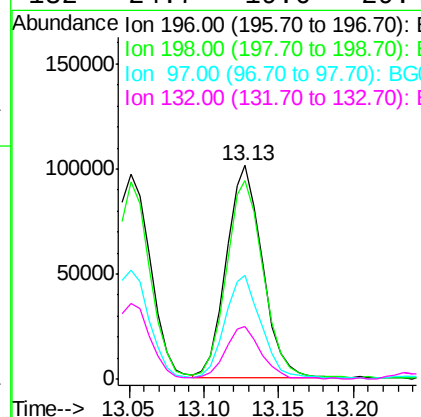
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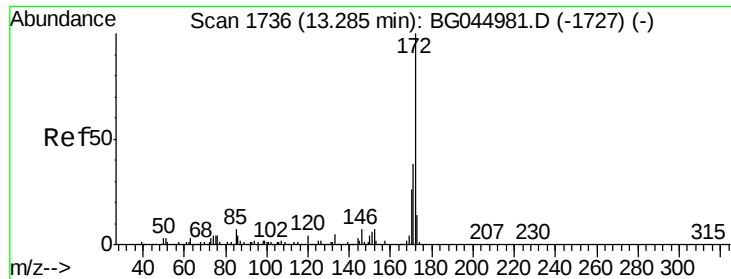
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 32.73 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170971		
198	93.1	75.7	113.5	
97	48.8	39.6	59.4	
132	24.7	19.6	29.4	





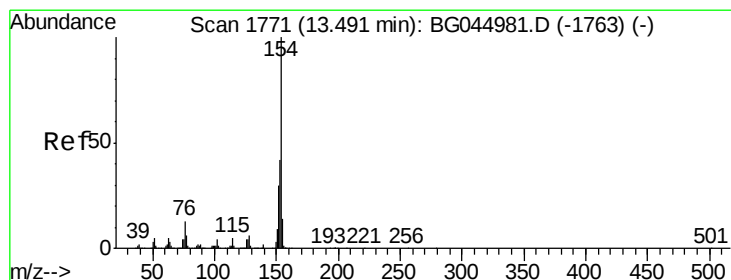
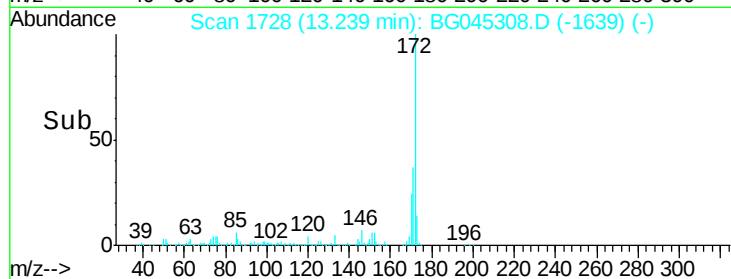
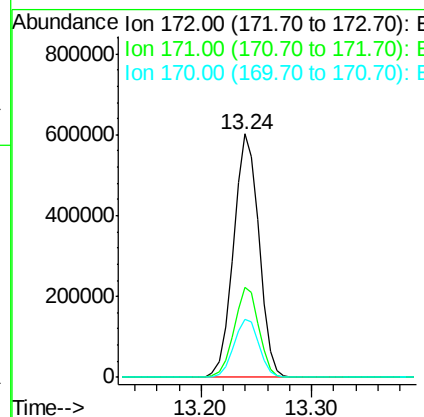
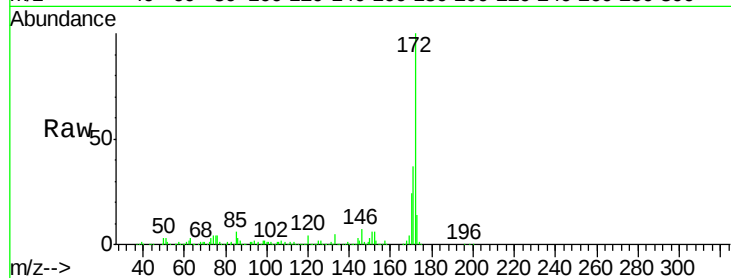
#45
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	970563		
171	36.7		30.6	46.0
170	23.9		20.5	30.7

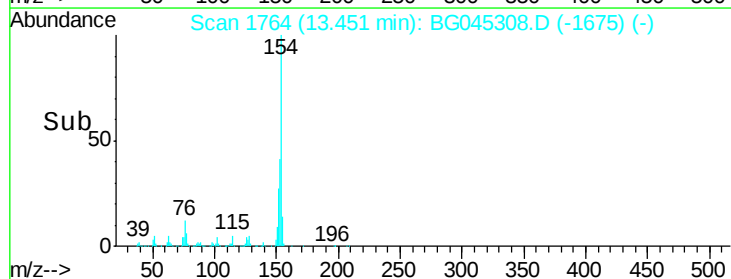
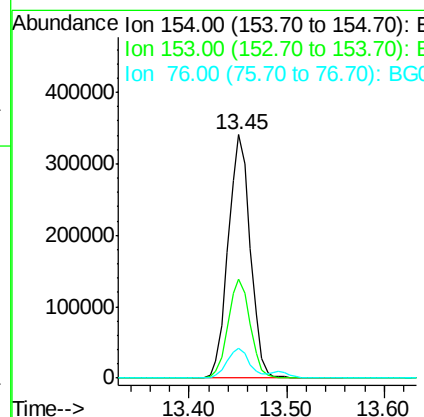
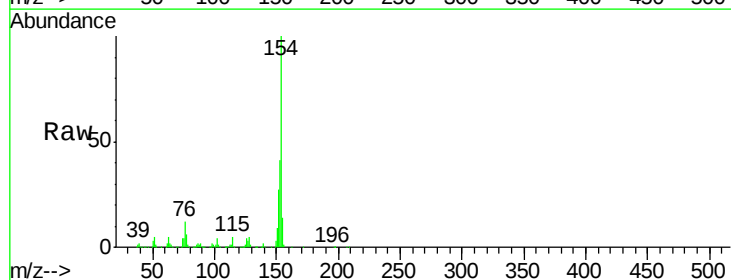
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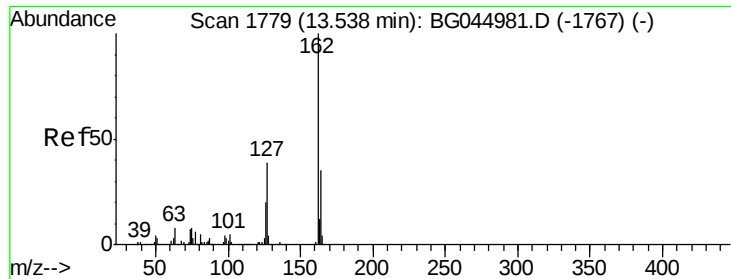
mohammad
 5/13/2020 8:15:16 AM



#46
 1,1'-Biphenyl
 Concen: 34.68 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	532412		
153	40.5		21.9	61.9
76	12.2		0.0	33.1





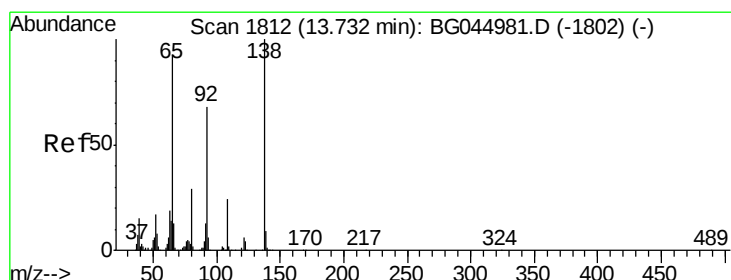
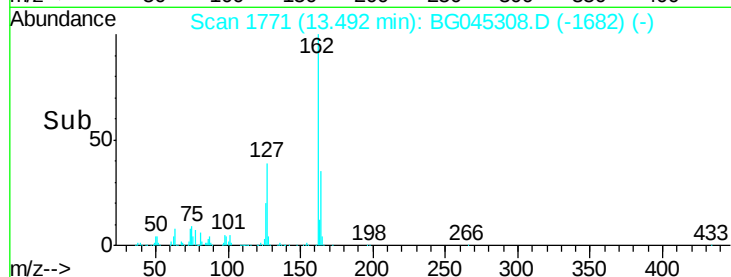
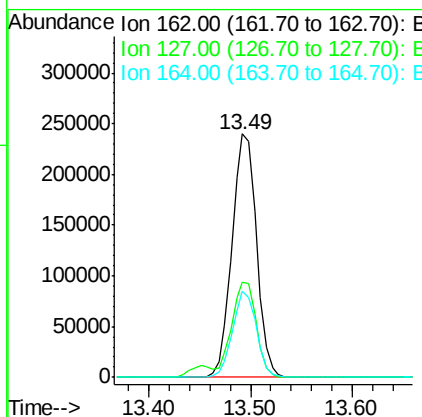
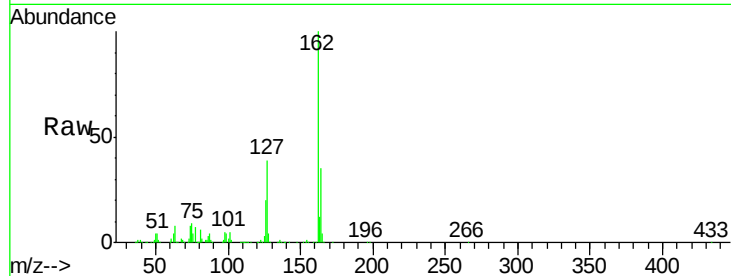
#47
2-Chloronaphthalene
Concen: 34.40 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	403531		
127	39.3		31.3	46.9
164	35.5		27.8	41.8

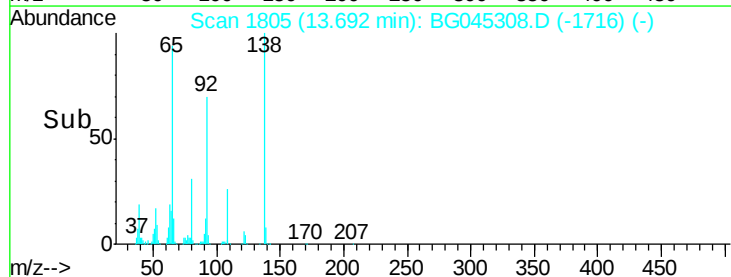
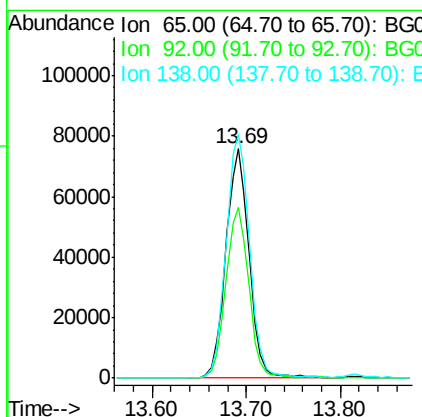
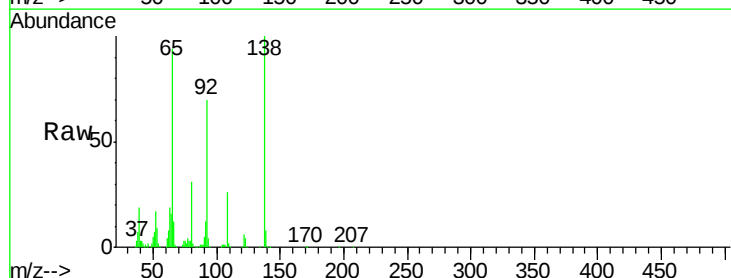
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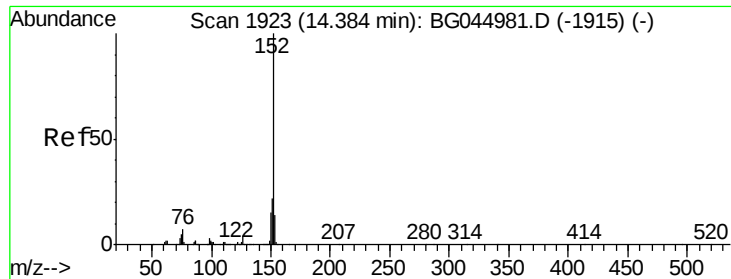
mohammad
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#48
2-Nitroaniline
Concen: 33.59 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	129624		
92	74.8		58.3	87.5
138	106.3		85.6	128.4





#49

Acenaphthylene

Concen: 35.51 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

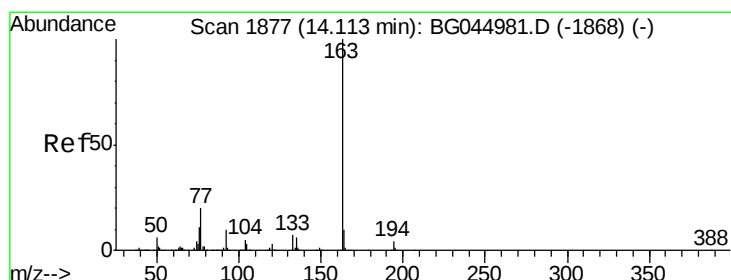
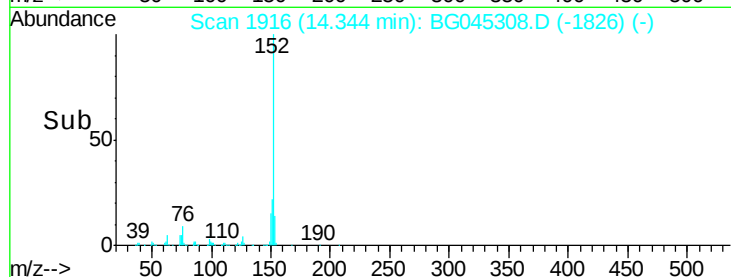
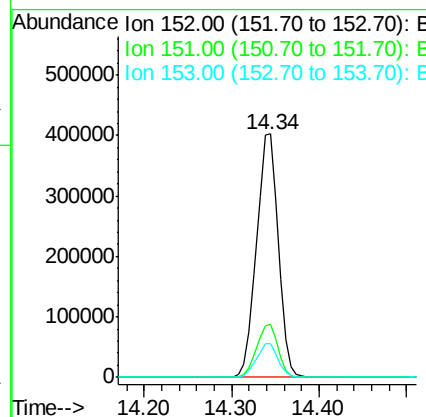
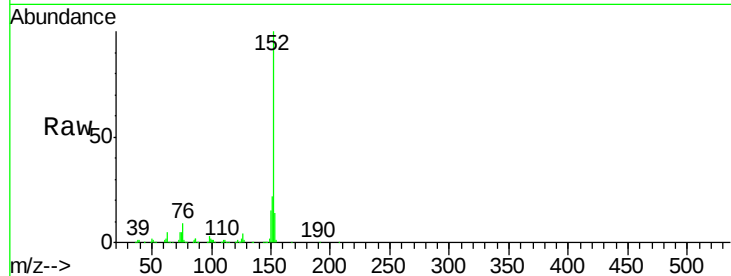
ClientSampleId :

PB128752BS

Tgt Ion:	152	Resp:	678413
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.2	25.8
153	13.8	11.0	16.4

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#50

Dimethylphthalate

Concen: 32.95 ng

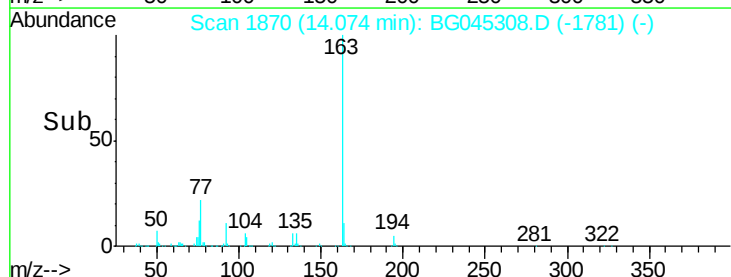
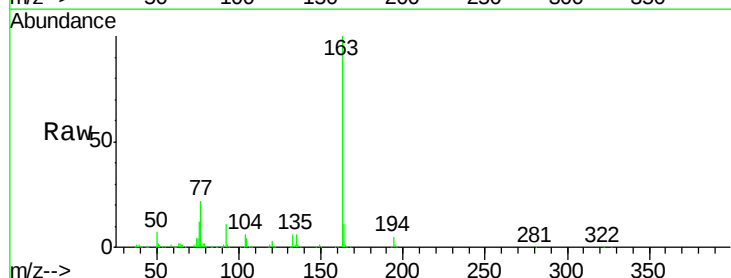
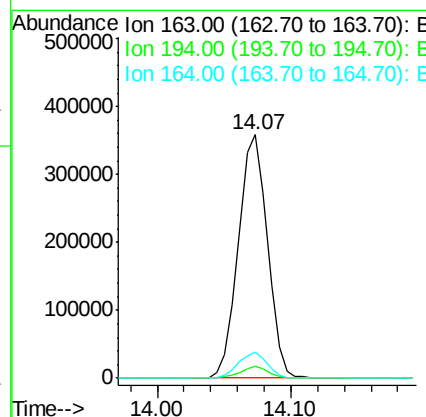
RT: 14.07 min Scan# 1870

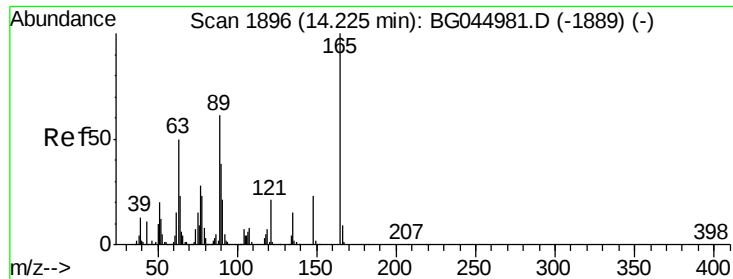
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	163	Resp:	541956
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	10.9	8.2	12.4





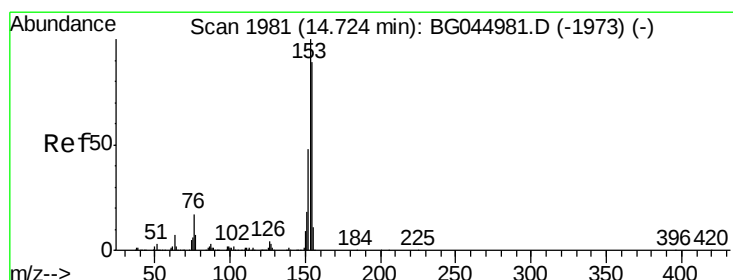
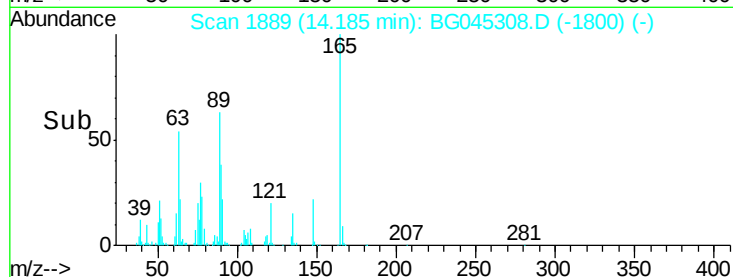
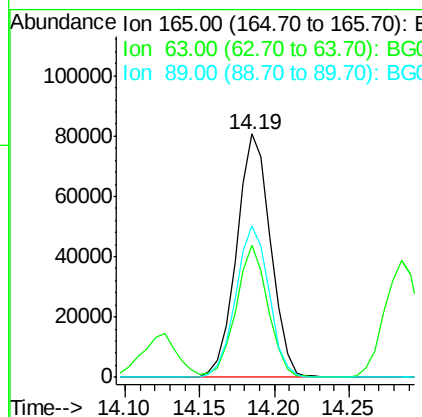
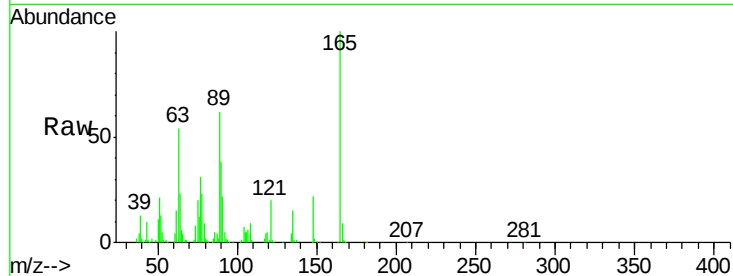
#51
2,6-Dinitrotoluene
Concen: 34.54 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127048		
63	54.4	40.4	60.6	
89	62.4	49.1	73.7	

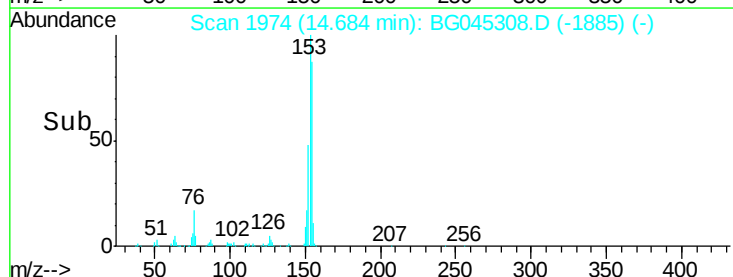
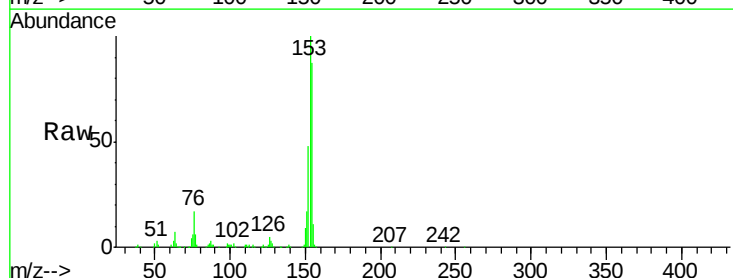
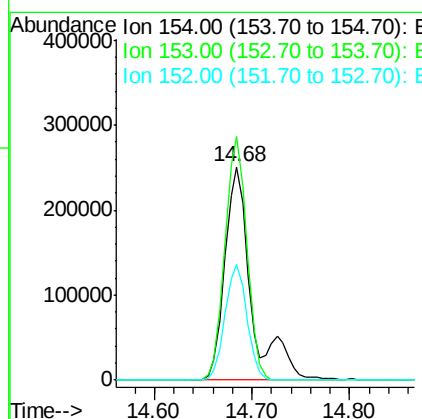
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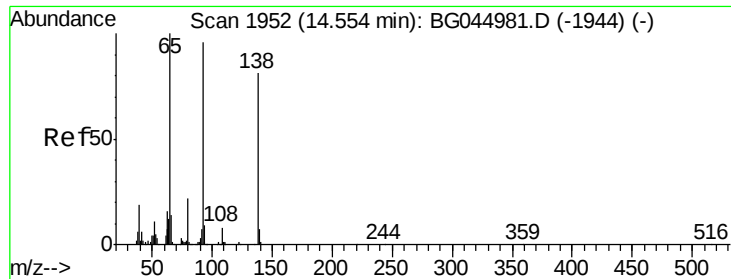
mohammad
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#52
Acenaphthene
Concen: 36.90 ng m
RT: 14.68 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	477085		
153	114.3	89.7	134.5	
152	54.3	43.1	64.7	





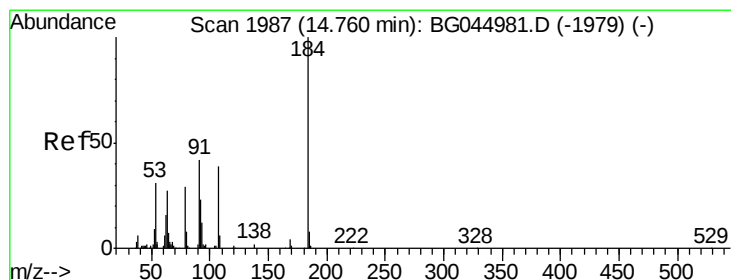
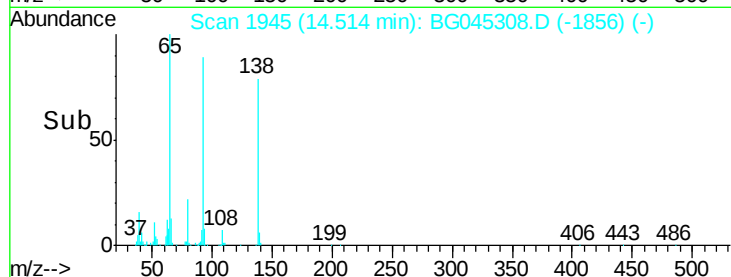
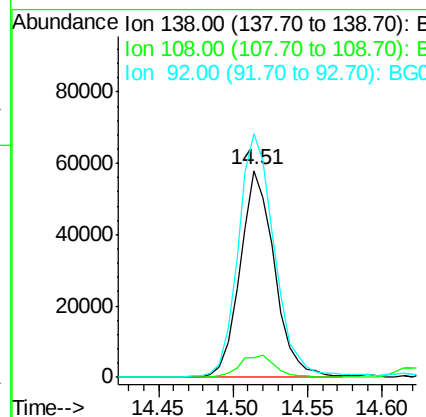
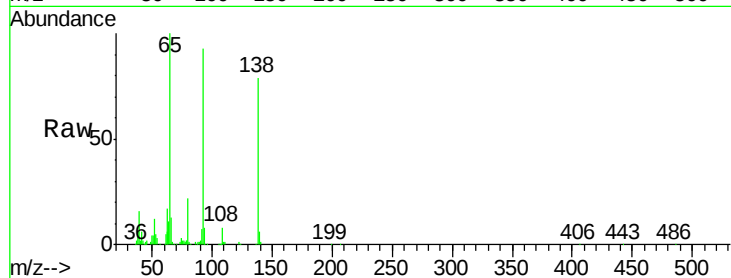
#53
 3-Nitroaniline
 Concen: 22.98 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	117.7	94.5	141.7

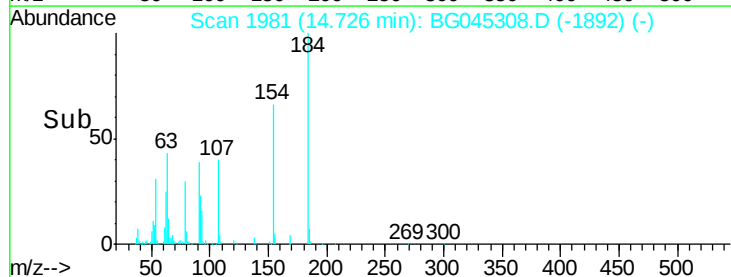
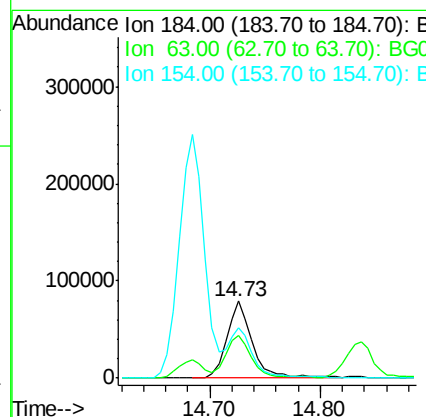
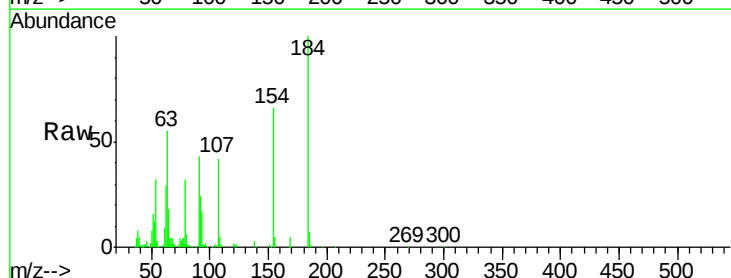
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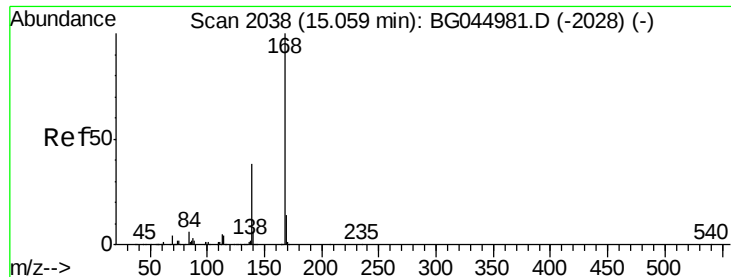
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 58.03 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	41.5	62.3
154	66.0	52.3	78.5





#55

Dibenzenofuran

Concen: 34.67 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

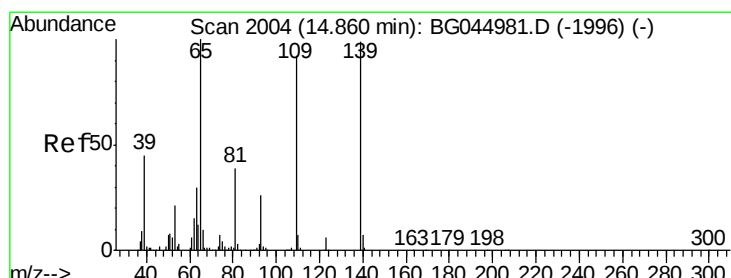
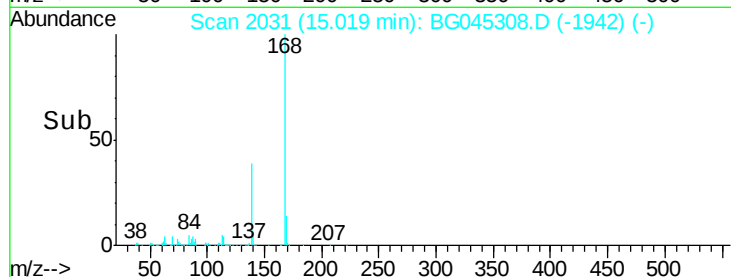
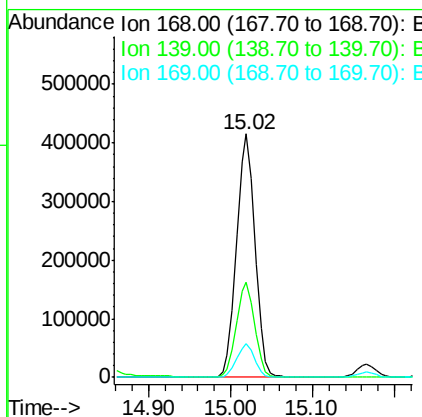
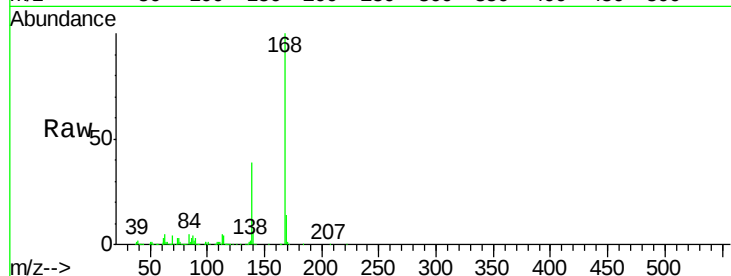
ClientSampled :

PB128752BS

Tgt	Ion:168	Resp:	653407
Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.4	45.6
169	14.1	11.0	16.4

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#56

4-Nitrophenol

Concen: 65.69 ng

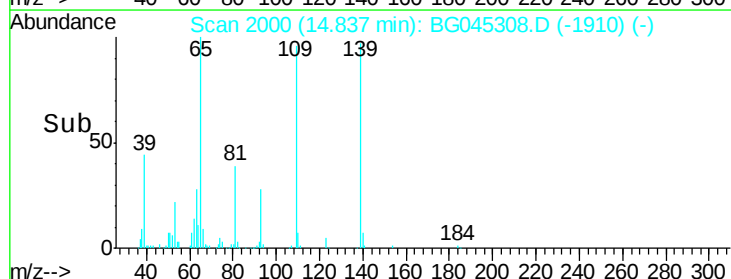
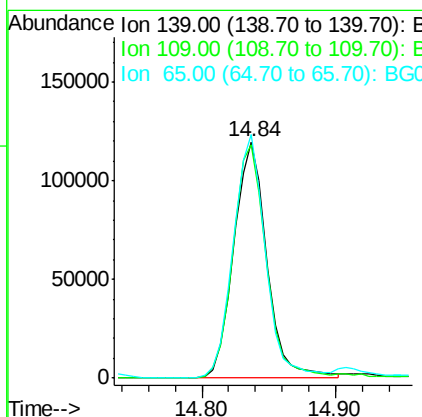
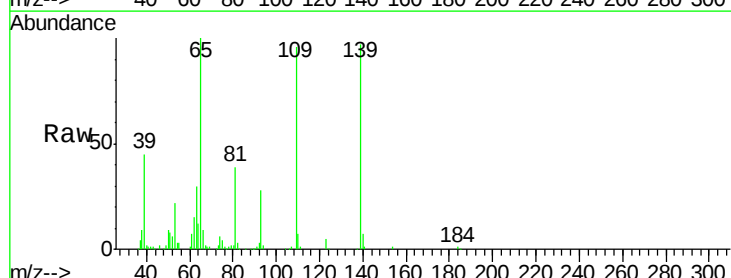
RT: 14.84 min Scan# 2000

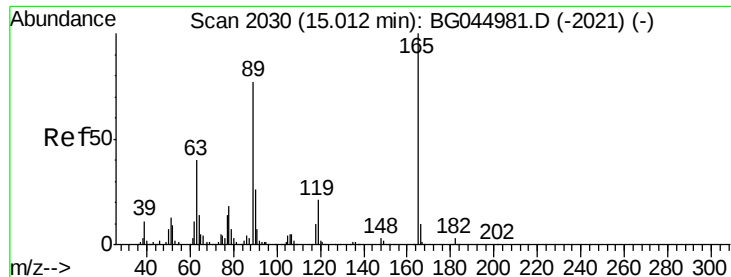
Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt	Ion:139	Resp:	205493
Ion	Ratio	Lower	Upper
139	100		
109	98.8	73.6	113.6
65	103.1	81.2	121.2





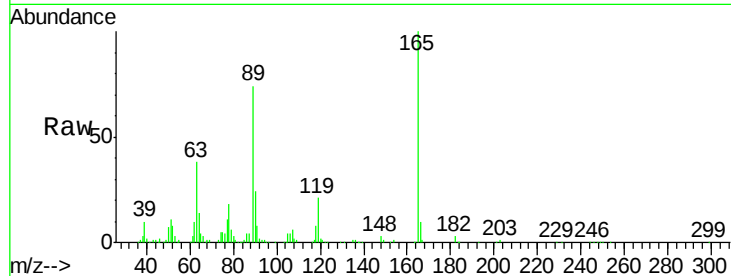
#57
 2,4-Dinitrotoluene
 Concen: 33.16 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178258		
63	37.8	32.2	48.2	
89	73.6	61.7	92.5	
182	2.8	2.0	3.0	

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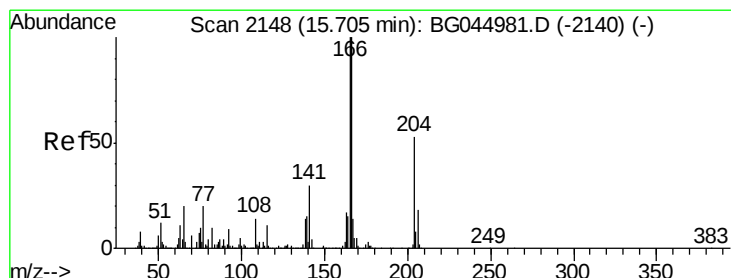
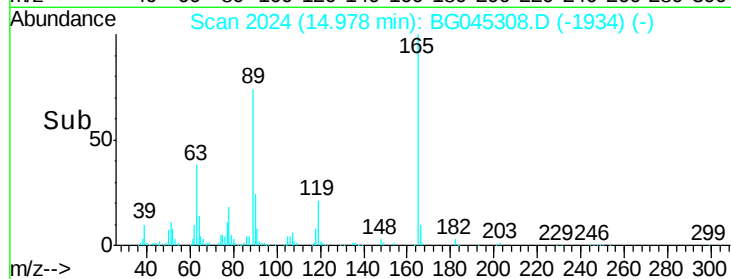
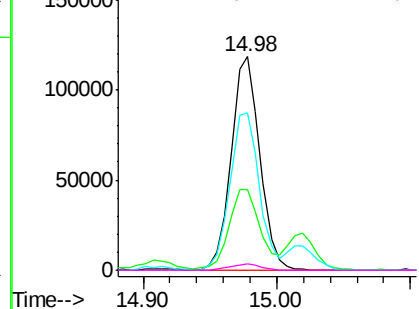


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

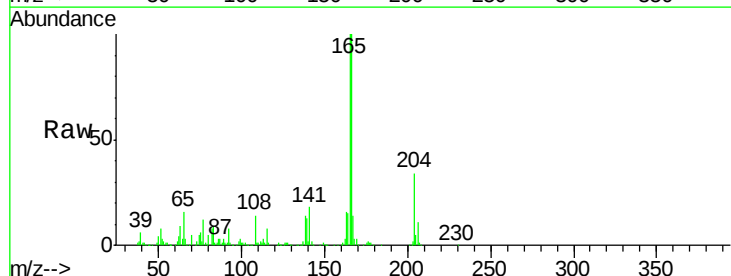
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 34.47 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

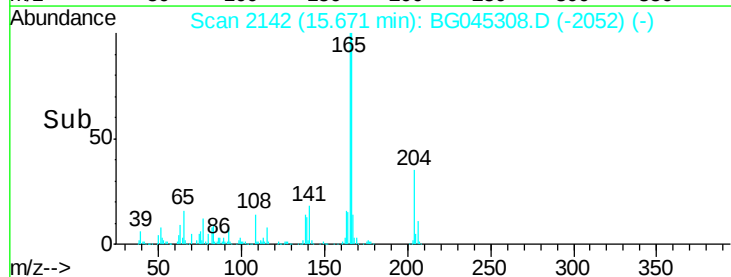
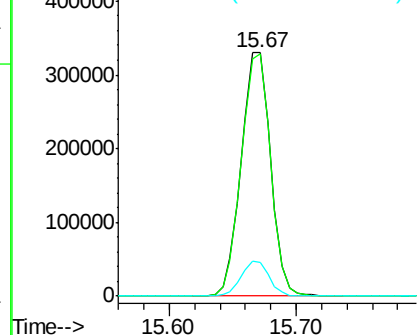
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	530690		
165	99.6	79.9	119.9	
167	14.0	11.4	17.0	

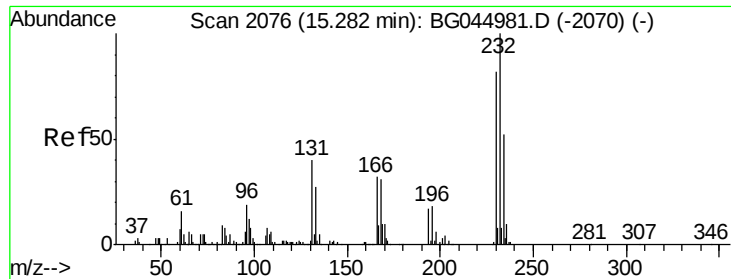


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





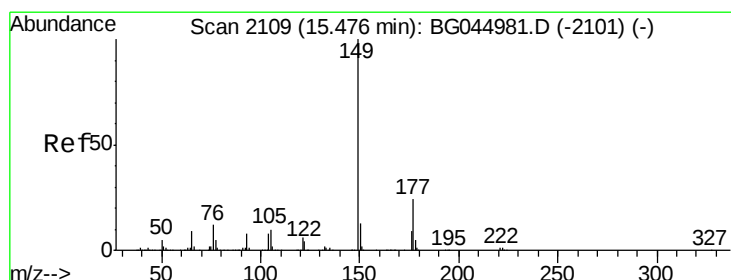
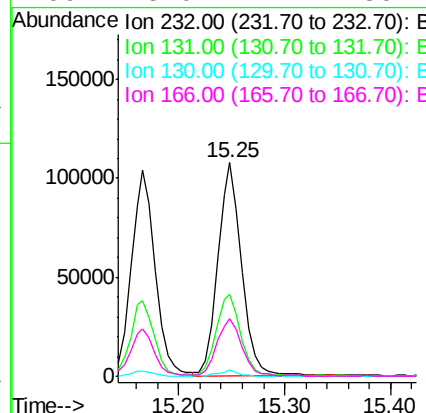
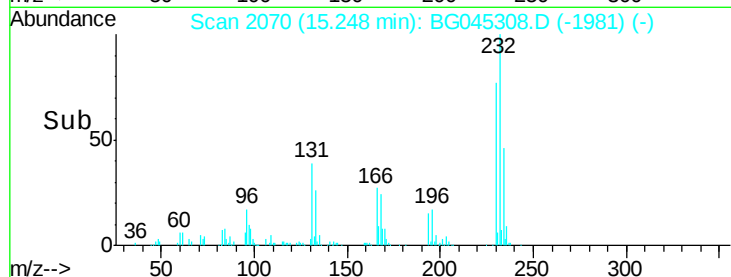
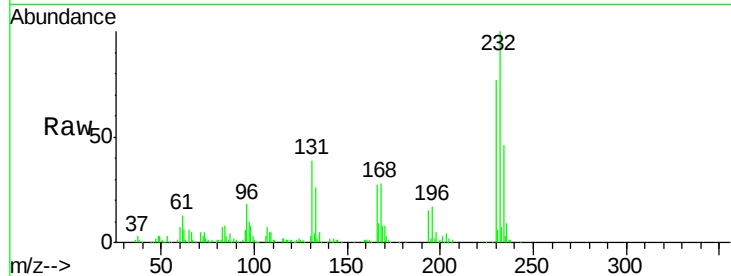
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.20 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168297		
131	39.3	32.2	48.2	
130	2.6	2.2	3.2	
166	28.0	24.2	36.4	

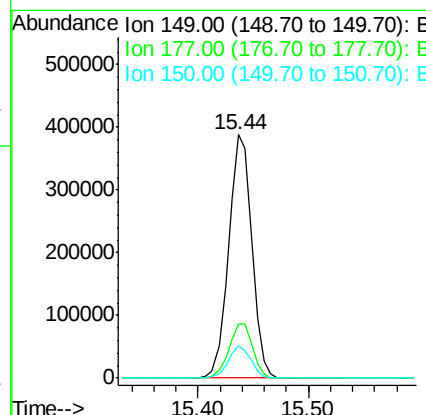
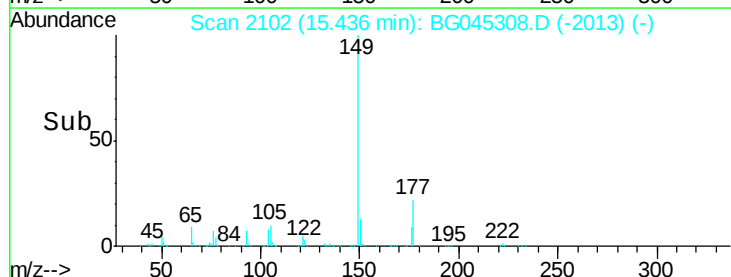
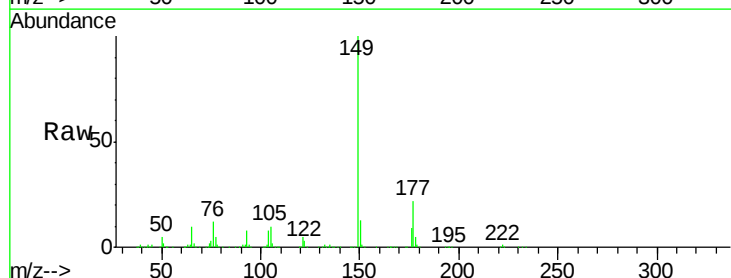
Manual Integrations
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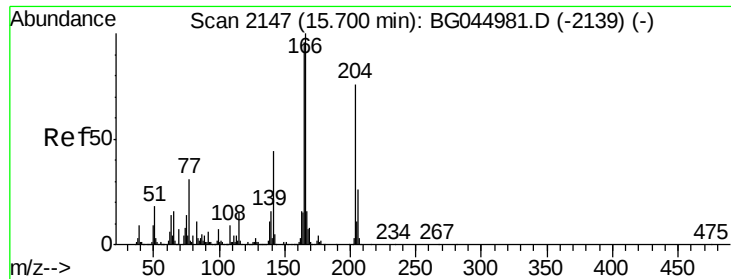
mohammad
 5/13/2020 8:15:16 AM



#60
 Diethylphthalate
 Concen: 33.14 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	568202		
177	22.4	18.9	28.3	
150	13.2	10.6	15.8	





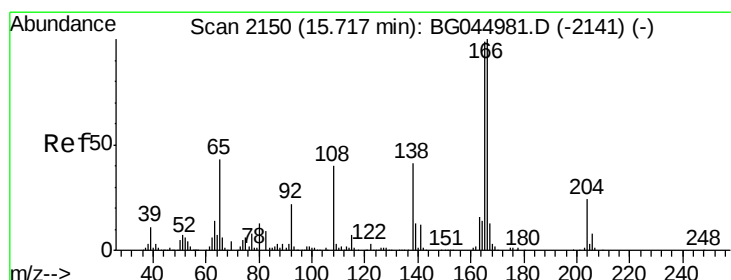
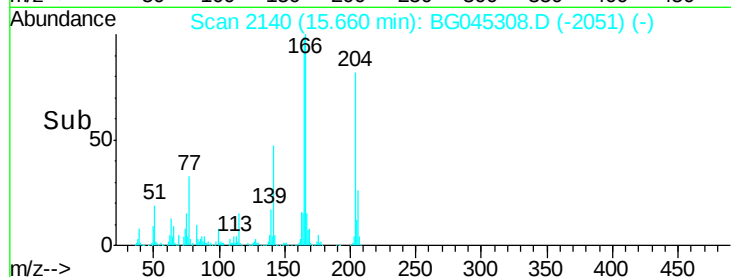
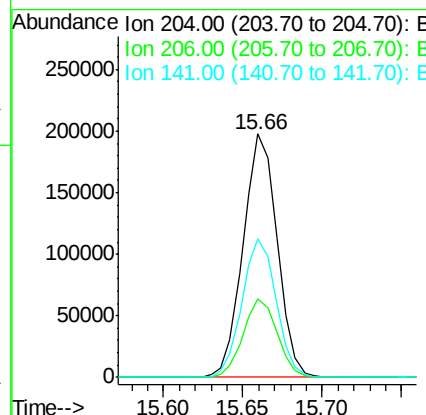
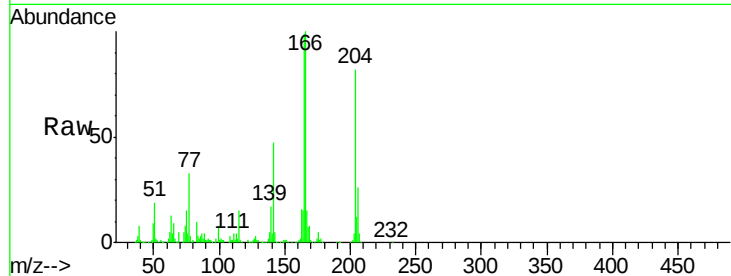
#61
 4-Chlorophenyl-phenylether
 Concen: 33.19 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampled :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294078		
206	32.1	26.9	40.3	
141	56.8	46.3	69.5	

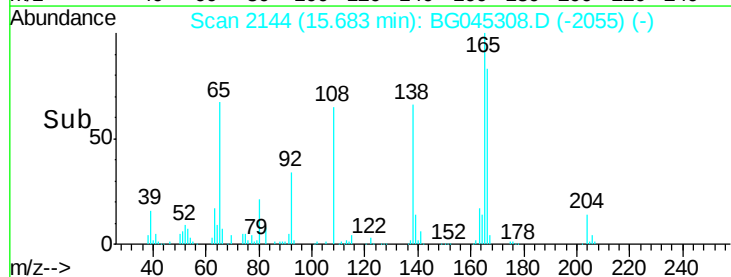
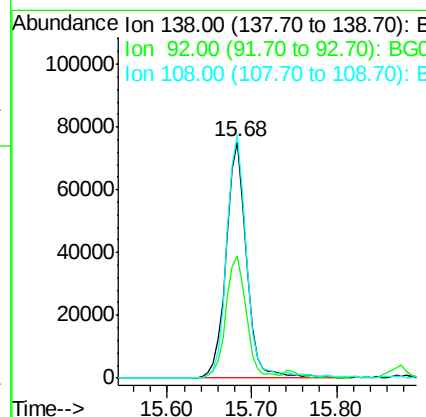
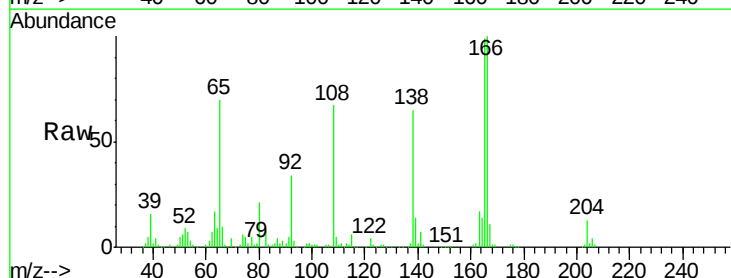
Manual Integrations
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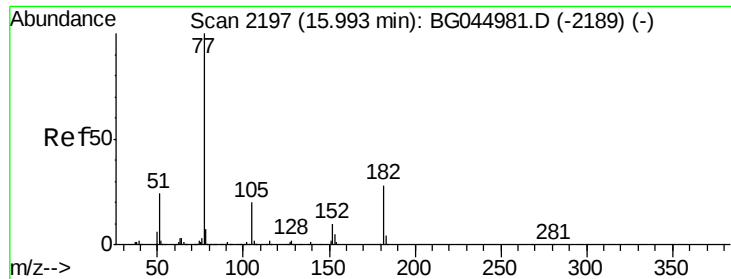
mohammad
 5/13/2020 8:15:16 AM



#62
 4-Nitroaniline
 Concen: 30.34 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	126979		
92	51.8	33.6	73.6	
108	103.0	78.2	118.2	





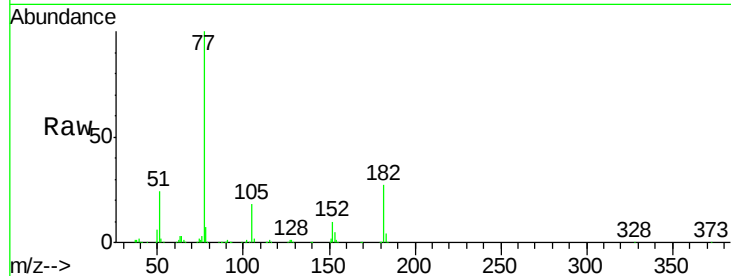
#63
Azobenzene
Concen: 33.90 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampled :
PB128752BS

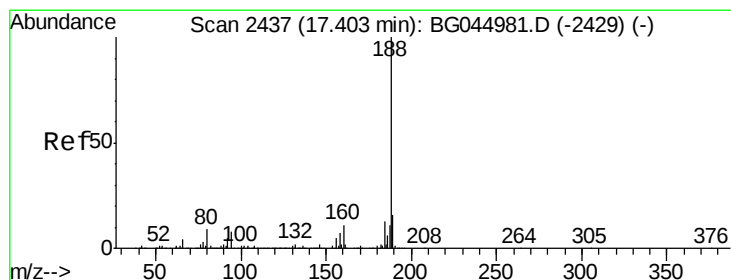
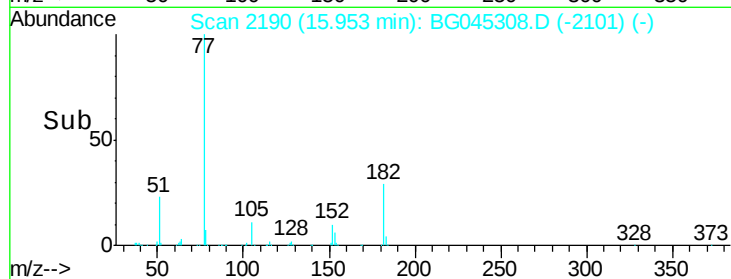
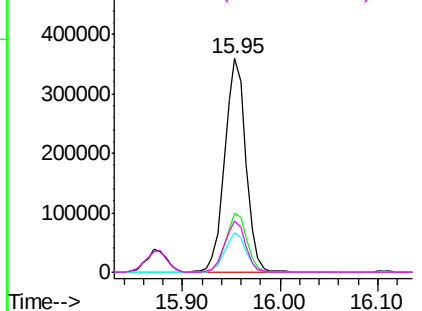
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	535834		
182	27.3	8.4	48.4	
105	18.3	0.5	40.5	
51	23.9	4.4	44.4	

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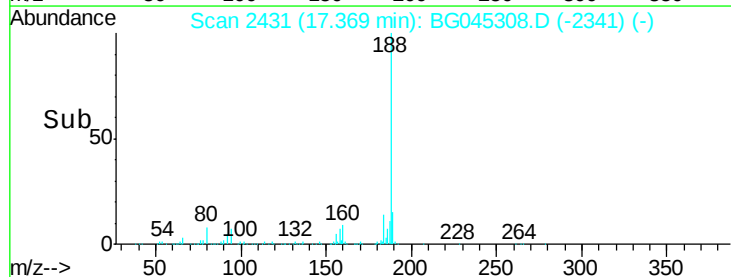
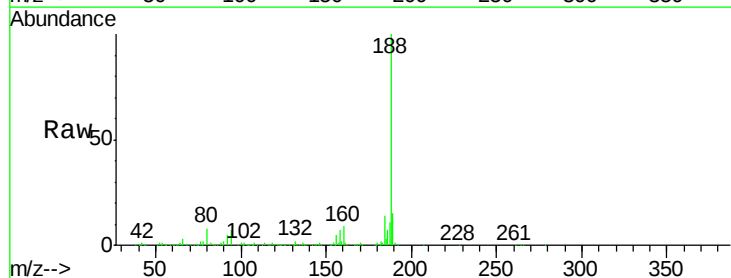
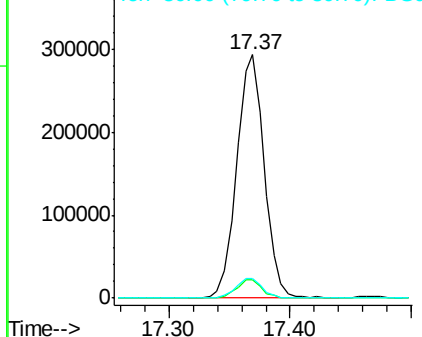
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

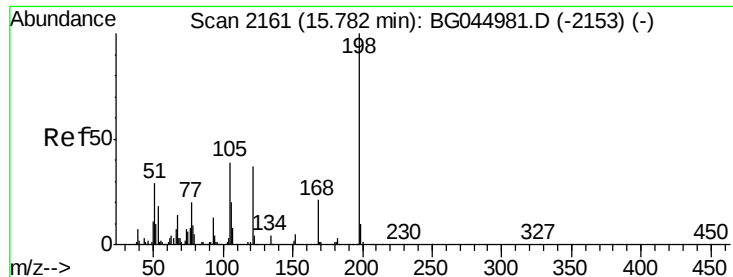


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	466194		
94	7.3	6.2	9.4	
80	7.8	7.0	10.6	

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: 35.16 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

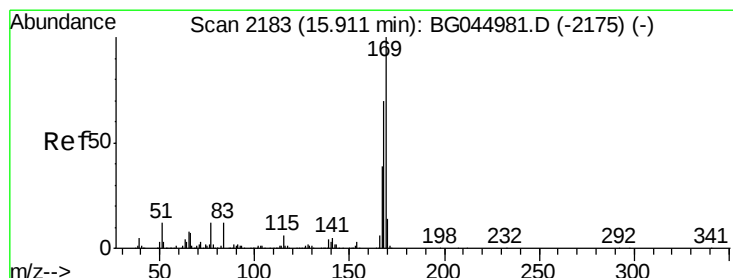
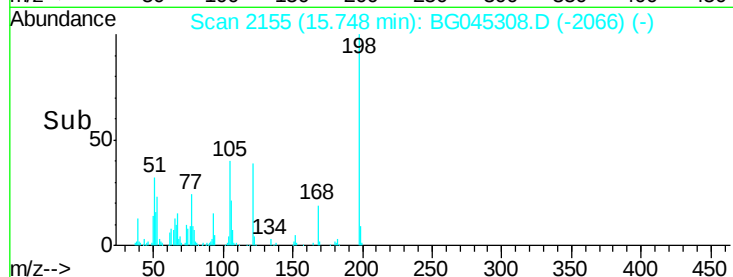
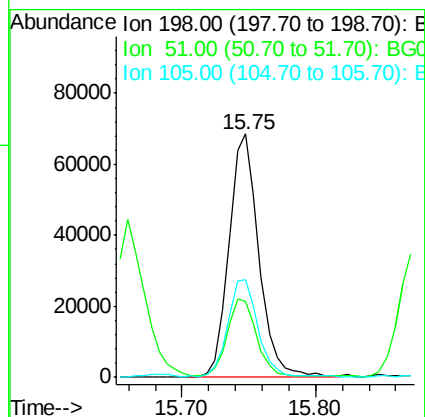
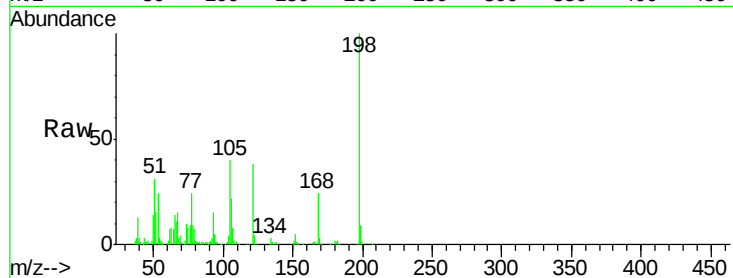
ClientSampleId :

PB128752BS

Tgt Ion:	198	Resp:	107727
Ion Ratio	Lower	Upper	
198	100		
51	31.2	10.0	50.0
105	39.9	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 35.24 ng

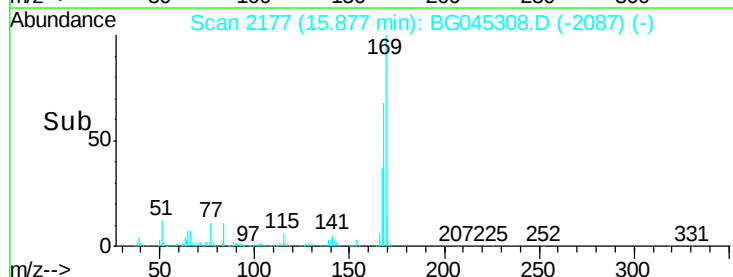
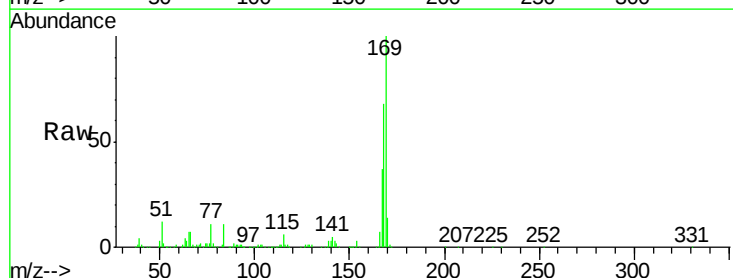
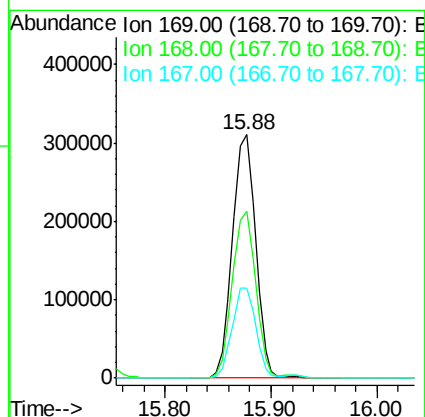
RT: 15.88 min Scan# 2177

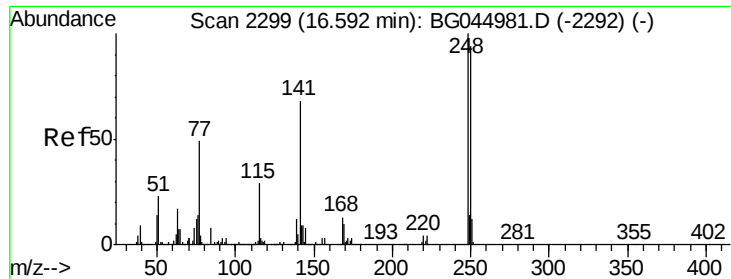
Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	169	Resp:	472036
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.8	83.8
167	36.9	30.8	46.2





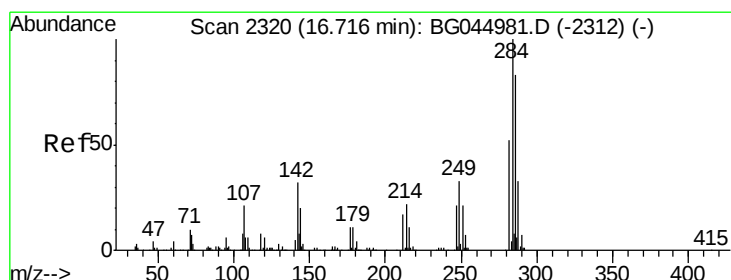
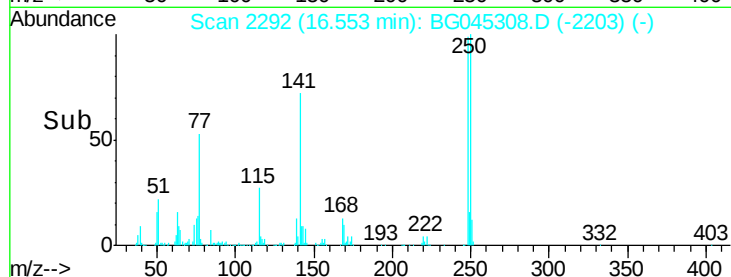
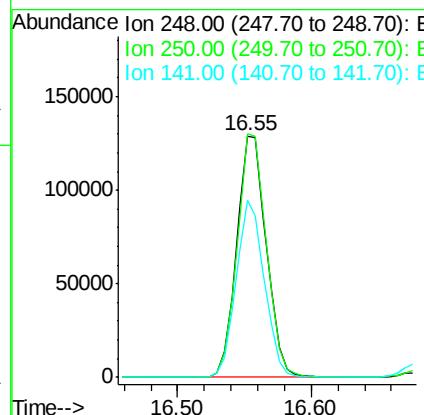
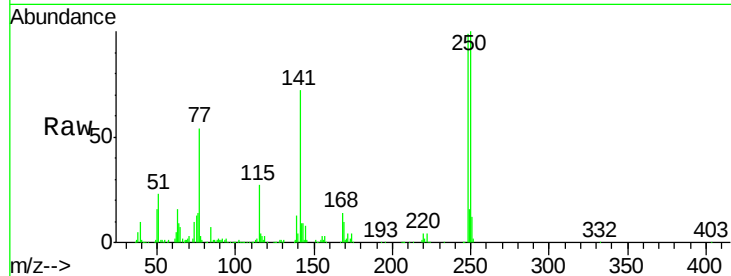
#67
4-Bromophenyl-phenylether
Concen: 33.09 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	198985		
250	100.8	75.4	113.2	
141	73.1	54.4	81.6	

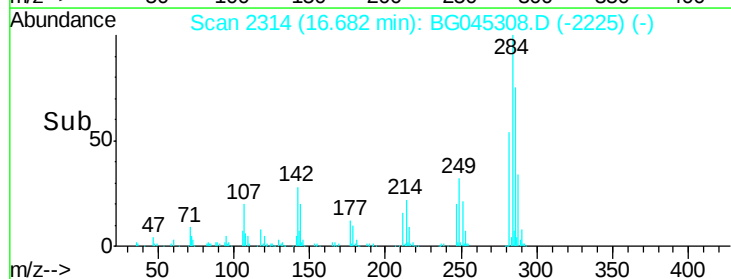
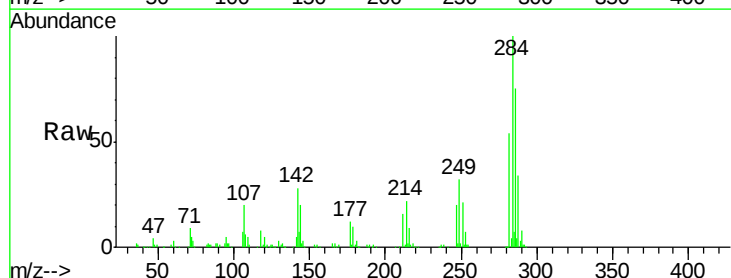
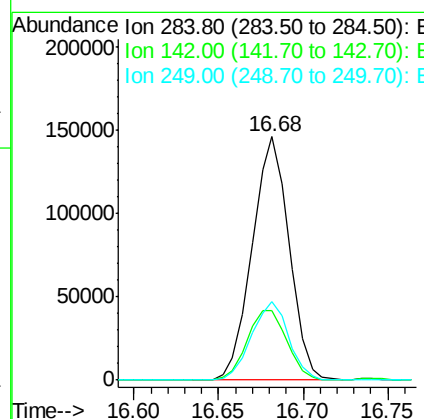
Manual Integrations
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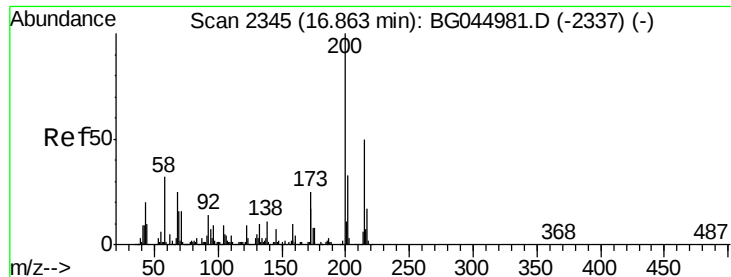
mohammad
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#68
Hexachlorobenzene
Concen: 35.62 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	222165		
142	28.4	25.8	38.6	
249	32.1	26.6	39.8	





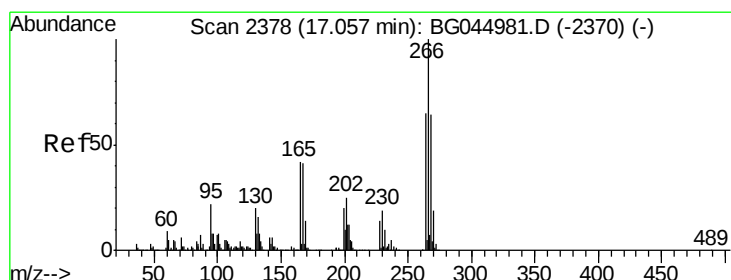
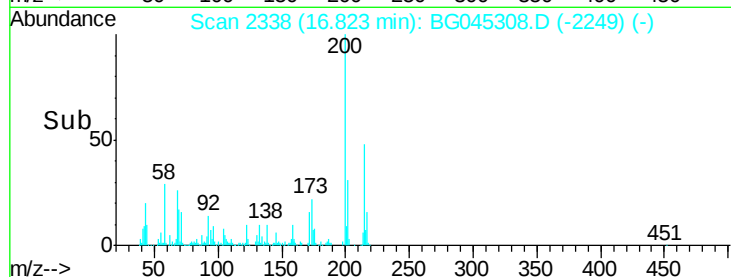
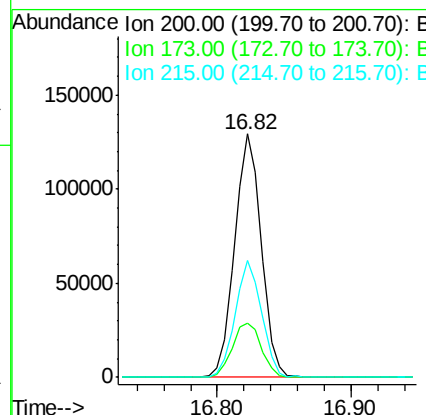
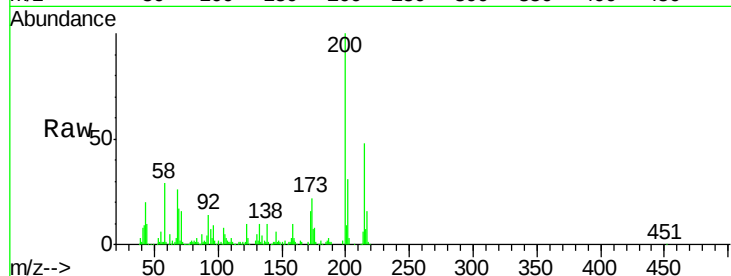
#69
Atrazine
Concen: 35.97 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	180408		
173	22.4	4.5	44.5	
215	48.2	30.0	70.0	

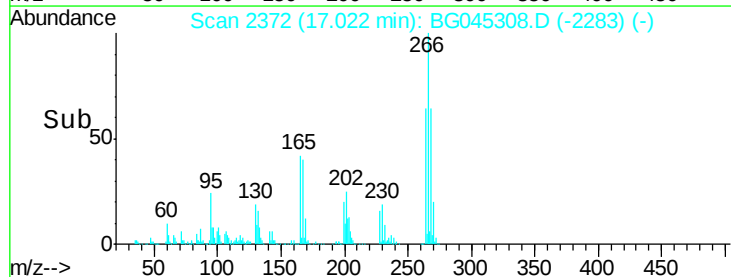
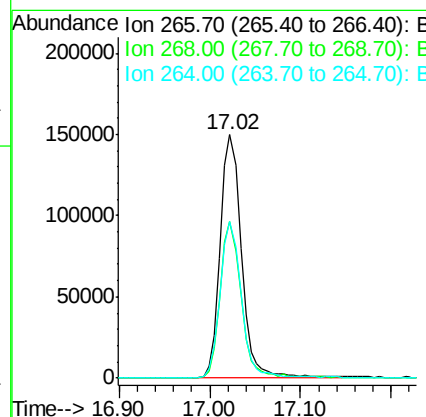
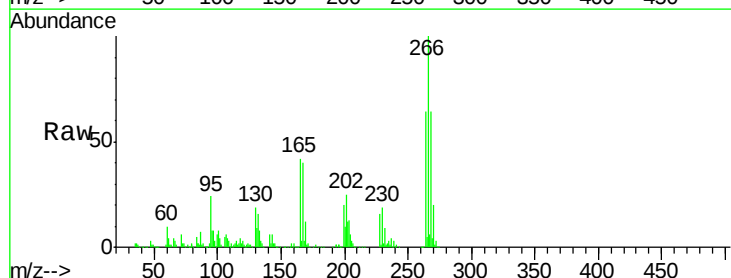
Manual Integrations
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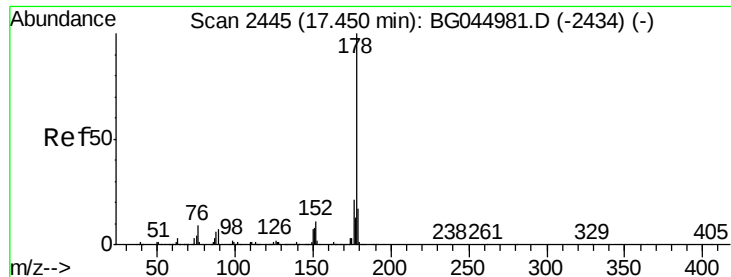
mohammad
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#70
Pentachlorophenol
Concen: 64.12 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	245338		
268	64.3	51.5	77.3	
264	64.1	52.2	78.4	





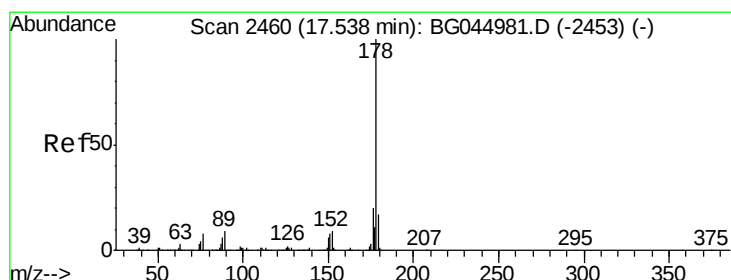
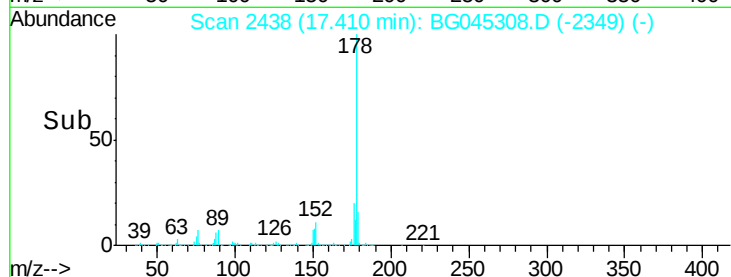
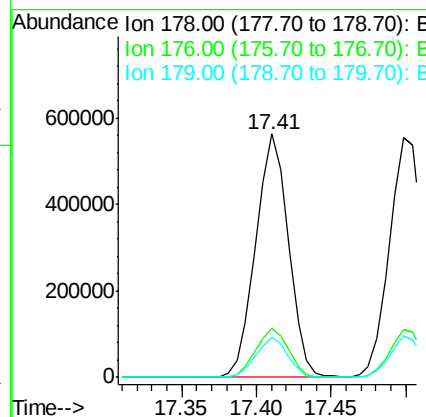
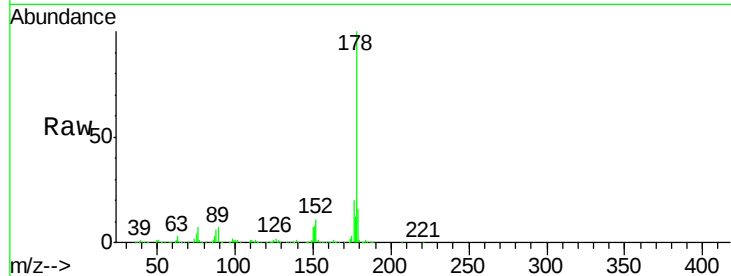
#71
Phenanthrene
Concen: 35.61 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	16.3	13.2	19.8

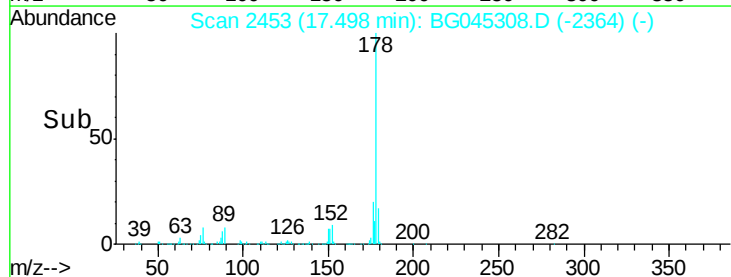
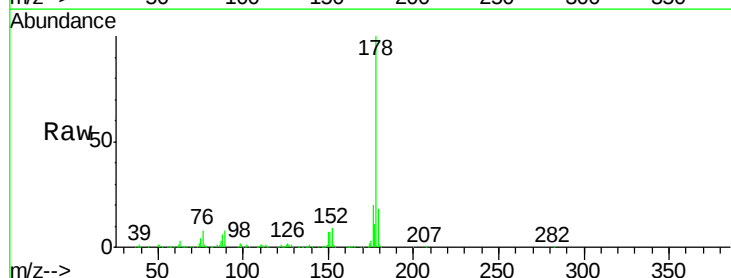
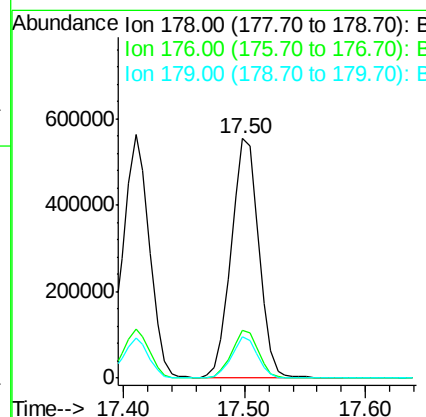
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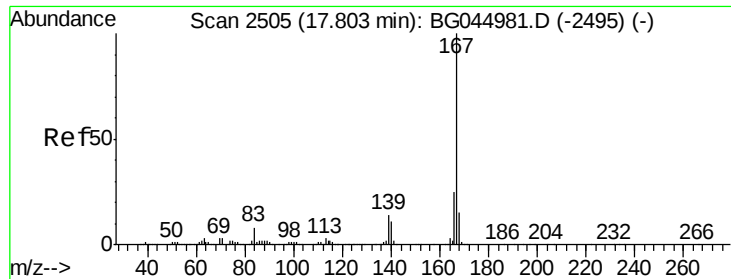
mohammad
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#72
Anthracene
Concen: 36.62 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	17.5	13.6	20.4





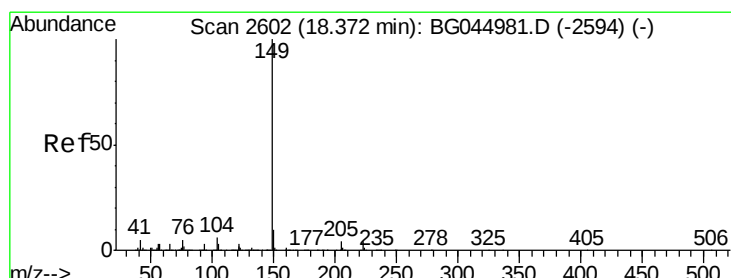
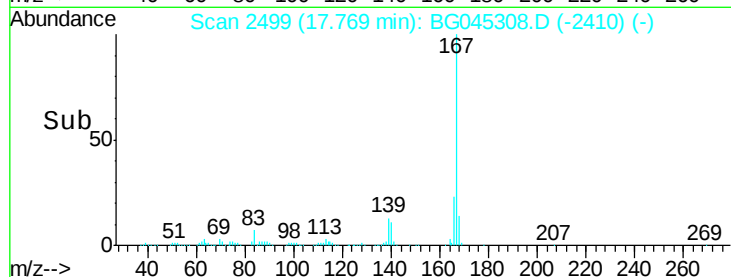
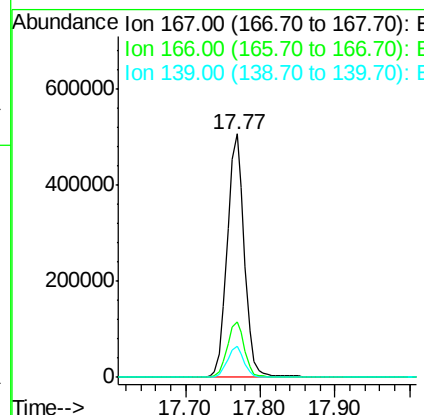
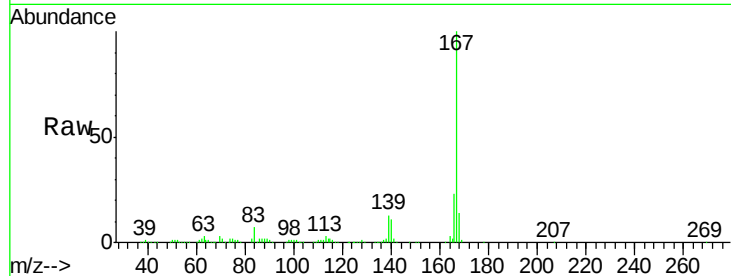
#73
 Carbazole
 Concen: 33.28 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	811669		
166	23.0		19.8	29.6
139	12.7		10.9	16.3

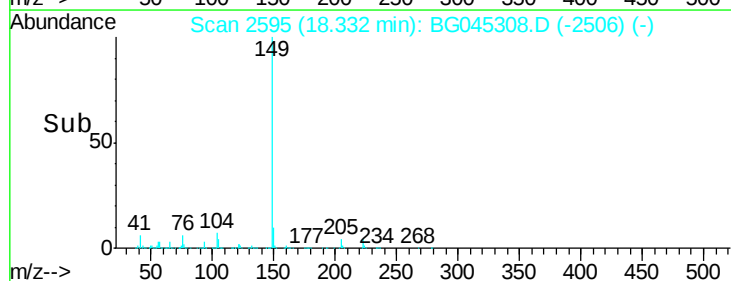
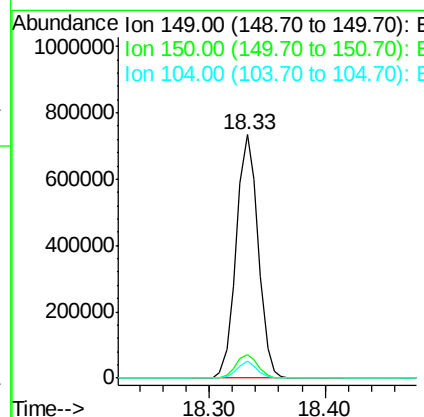
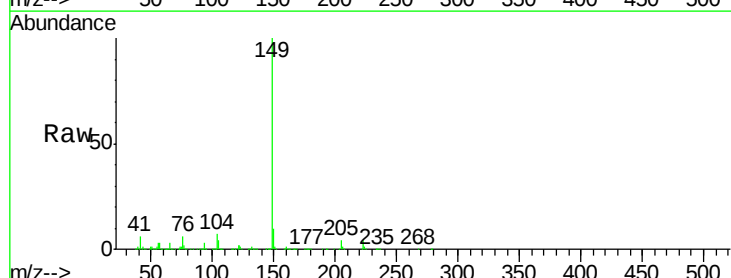
Manual Integrations
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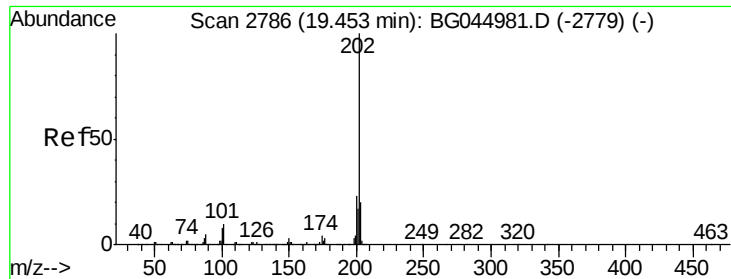
mohammad
 5/13/2020 8:15:16 AM



#74
 Di-n-butylphthalate
 Concen: 34.94 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	963512		
150	9.6		8.2	12.2
104	6.8		4.8	7.2





#75

Fluoranthene

Concen: 36.86 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

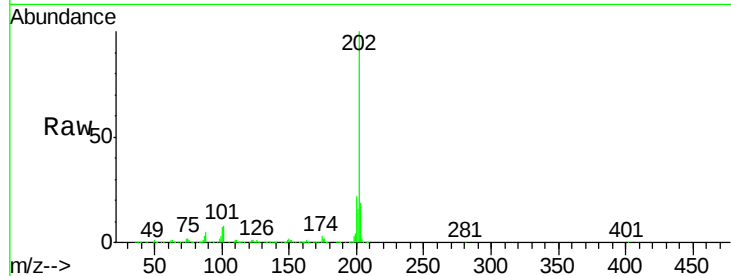
ClientSampleId :

PB128752BS

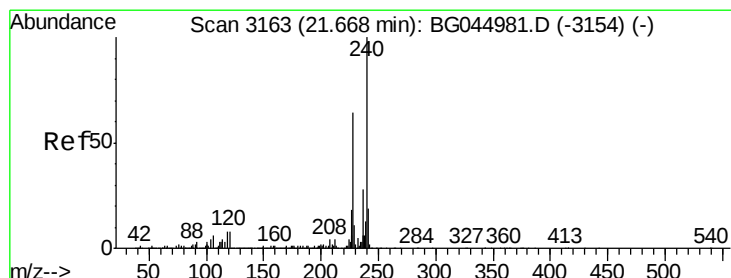
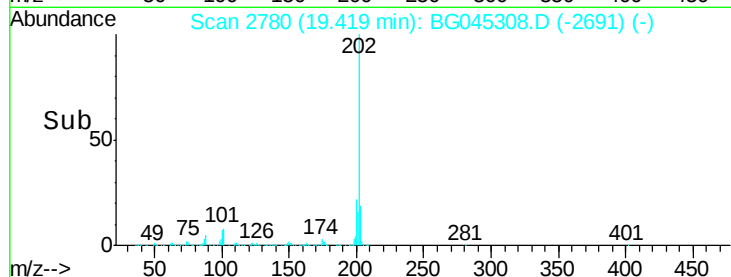
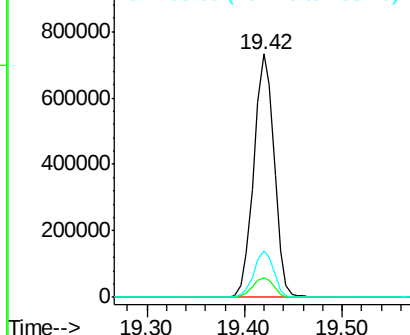
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1069415		
101	8.1	0.0	29.6		
203	19.2	0.0	39.7		

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



#76

Chrysene-d12

Concen: 20.00 ng

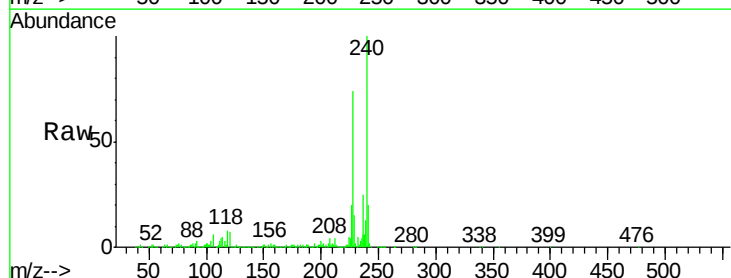
RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

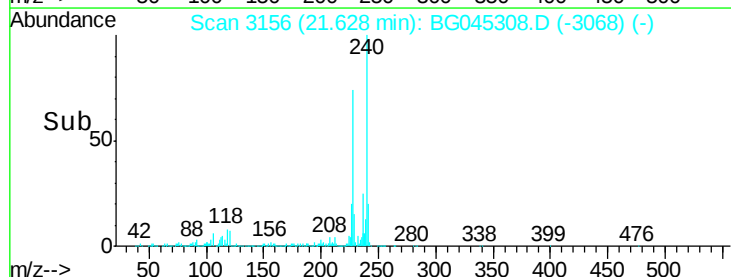
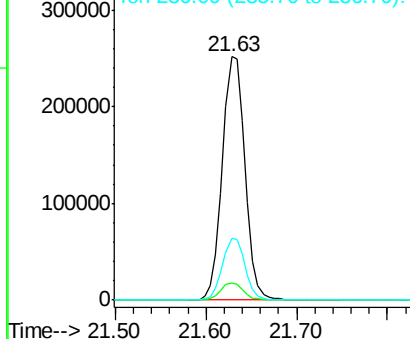
Lab File: BG045308.D

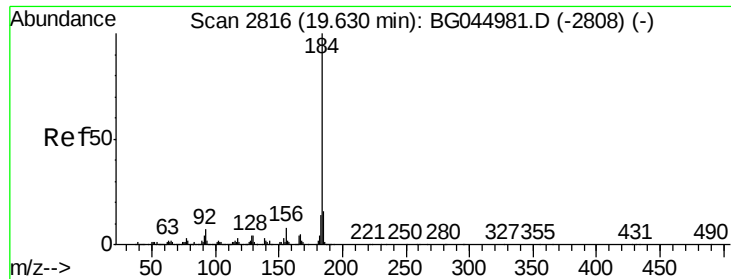
Acq: 11 May 2020 22:44

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		437167		
120	7.2	6.6	10.0		
236	25.4	22.2	33.2		



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





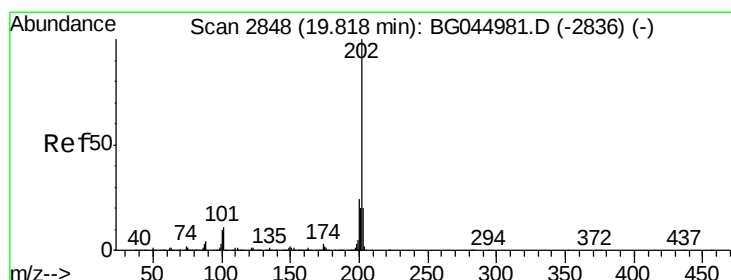
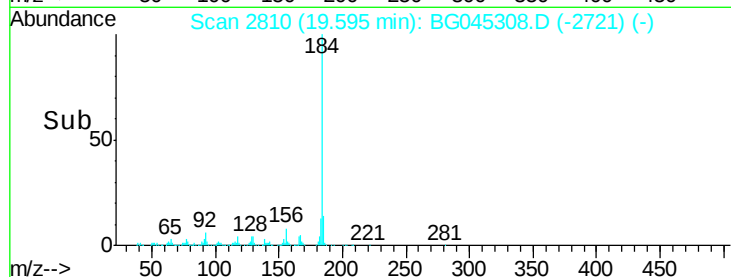
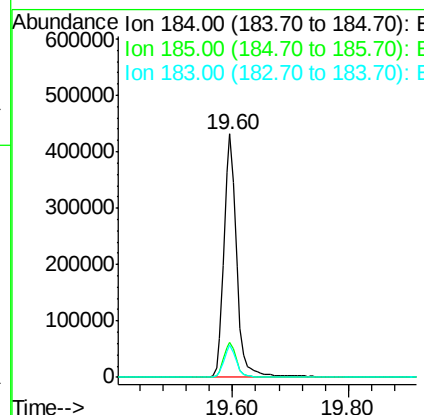
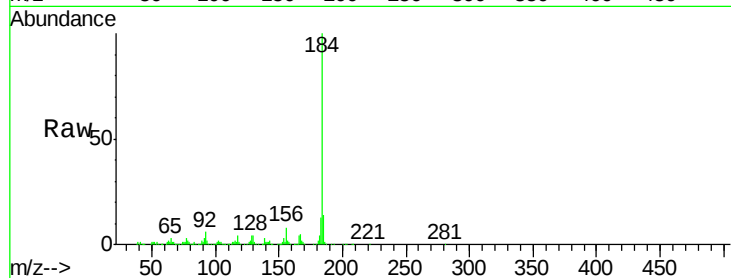
#77
Benzidine
Concen: 53.38 ng
RT: 19.60 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	19.0
183	13.4	11.3	16.9

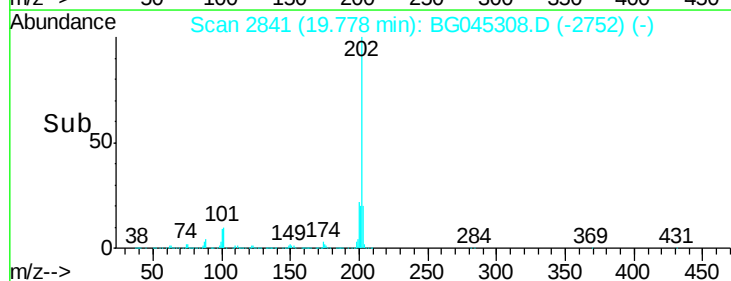
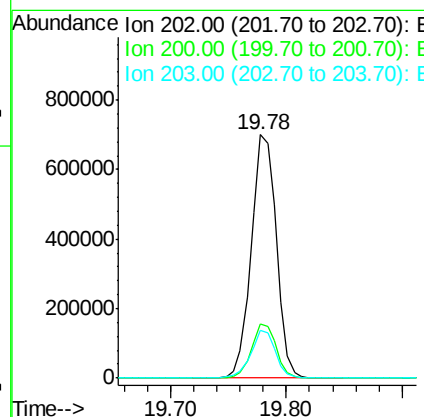
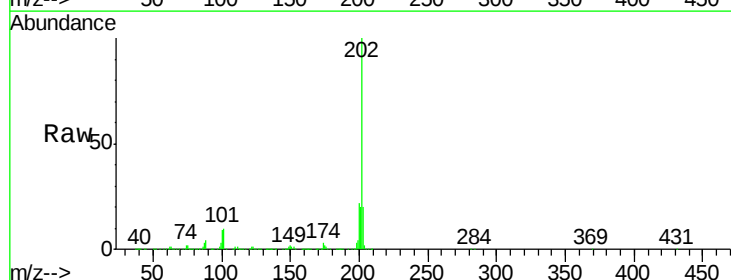
Manual Integrations
APPROVED

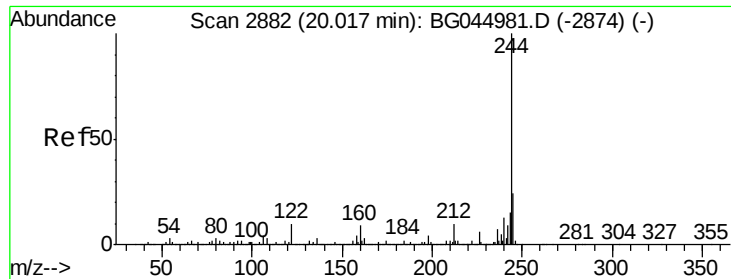
mohammad
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#78
Pyrene
Concen: 35.21 ng
RT: 19.78 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.0	28.6
203	19.5	16.1	24.1





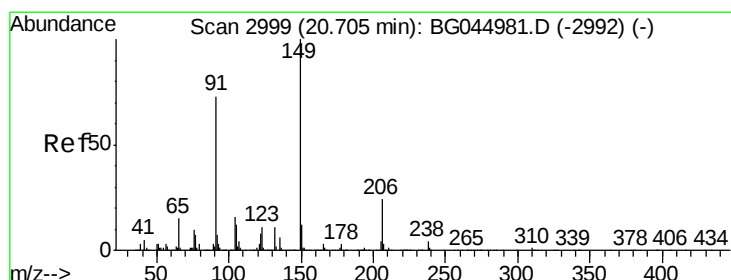
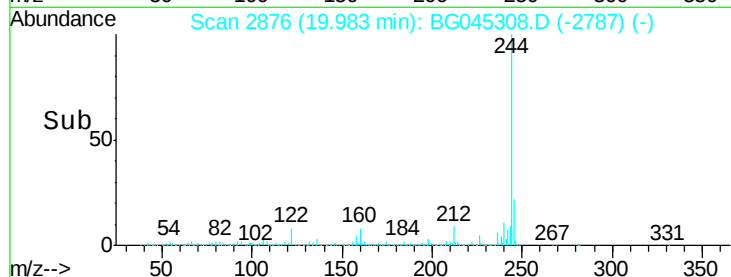
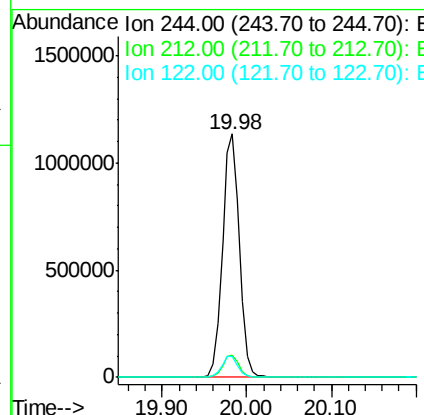
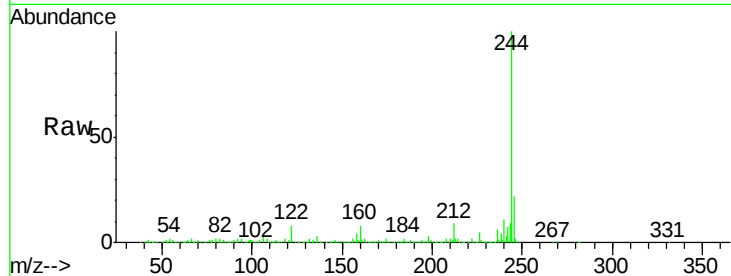
#79
 Terphenyl-d14
 Concen: 79.42 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.9	11.9
122	8.5	7.7	11.5

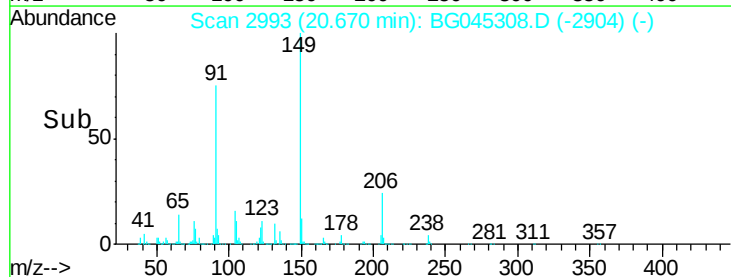
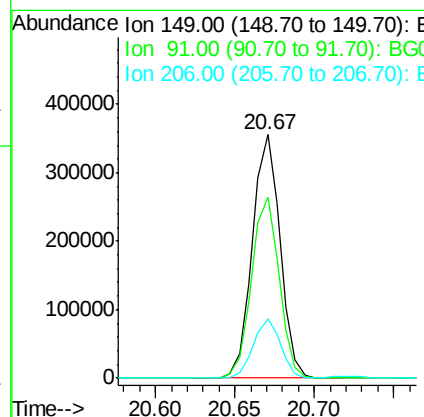
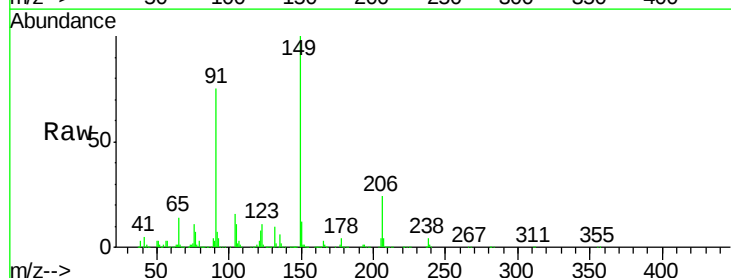
Manual Integrations
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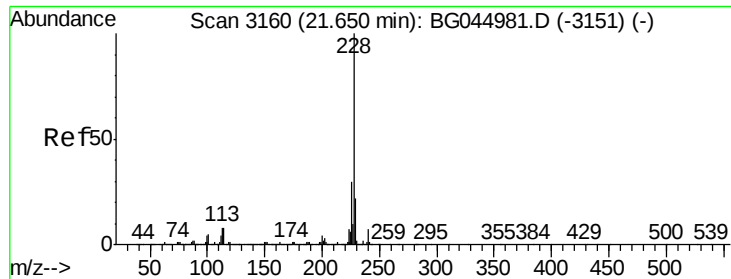
mohammad
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#80
 Butylbenzylphthalate
 Concen: 34.45 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	58.5	87.7
206	24.2	19.2	28.8





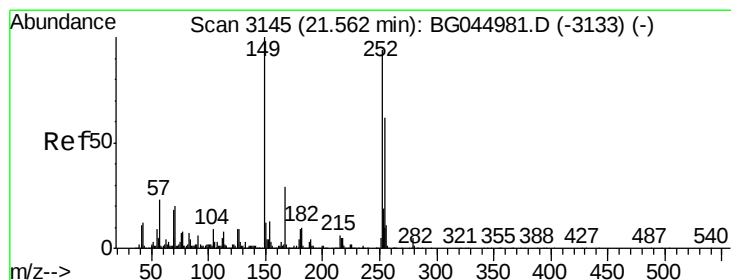
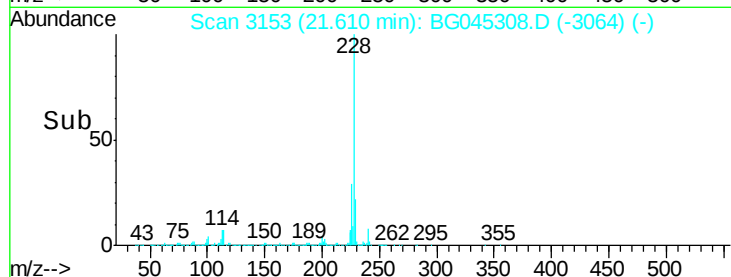
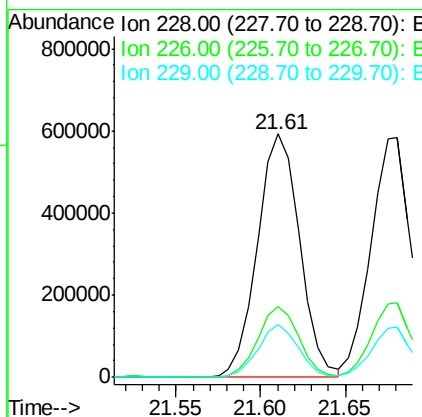
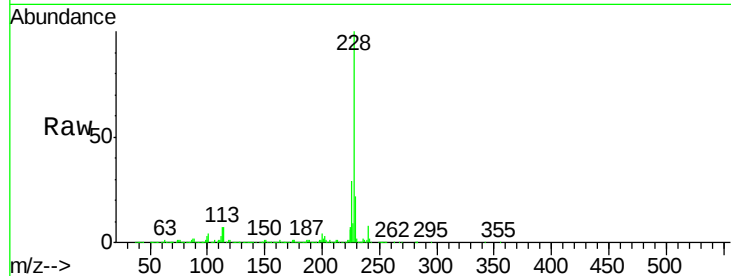
#81
Benzo(a)anthracene
Concen: 36.39 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	21.5	17.5	26.3

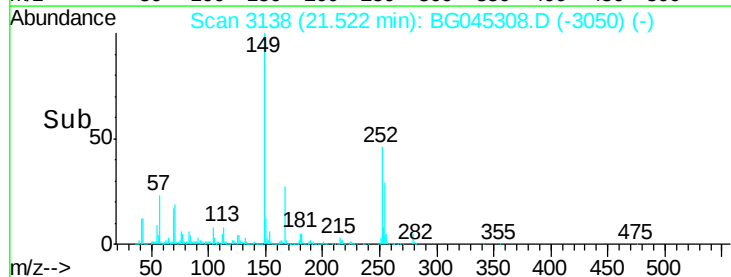
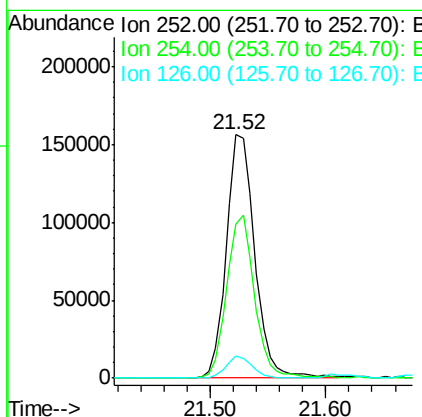
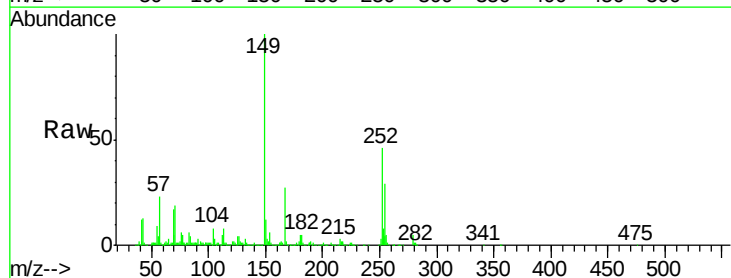
Manual Integrations
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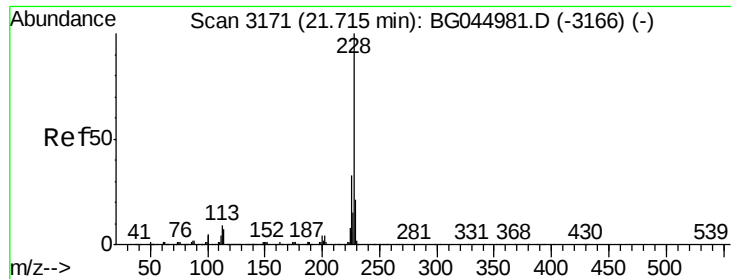
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.60 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	9.0	7.5	11.3





#83

Chrysene

Concen: 35.70 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

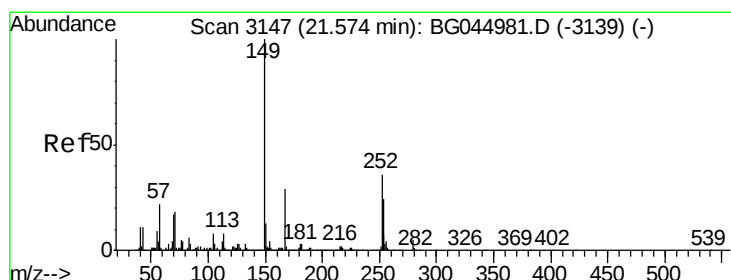
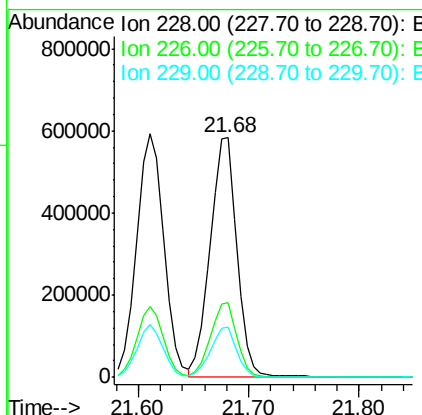
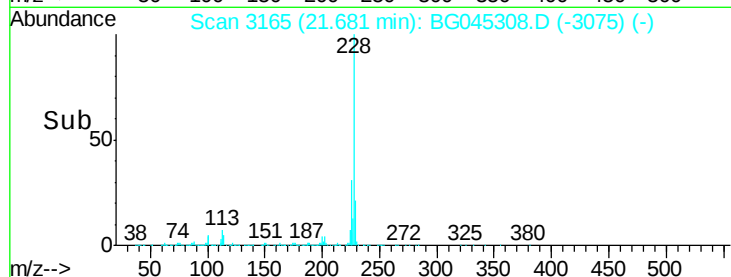
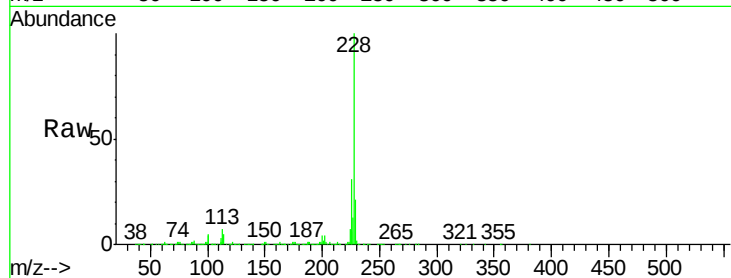
ClientSampleId :

PB128752BS

Tgt Ion:	228	Resp:	971795
Ion Ratio	Lower	Upper	
228	100		
226	31.0	26.2	39.4
229	21.2	17.0	25.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 35.48 ng

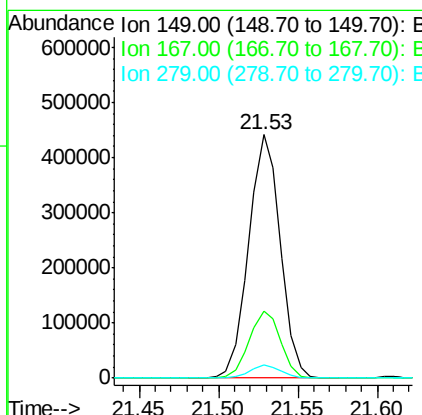
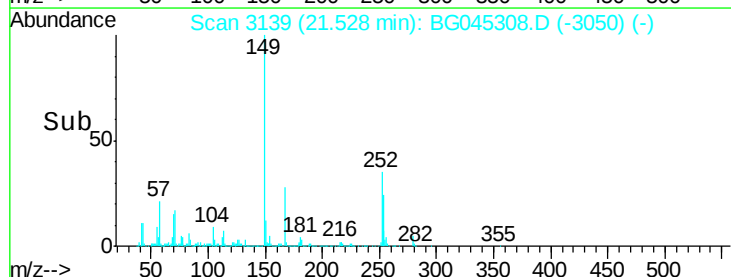
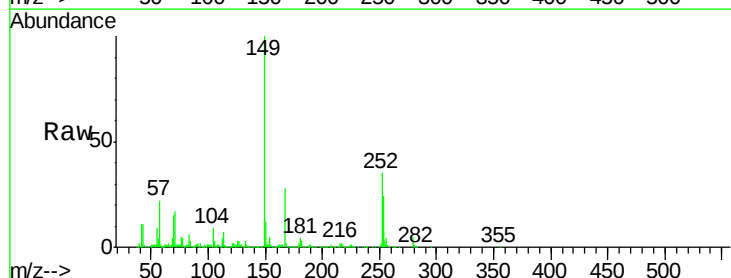
RT: 21.53 min Scan# 3139

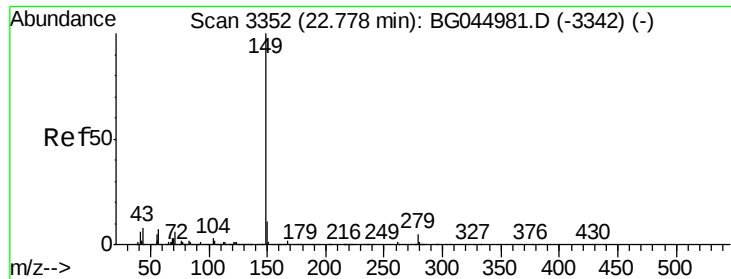
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:	149	Resp:	609530
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.4	35.0
279	5.5	4.3	6.5





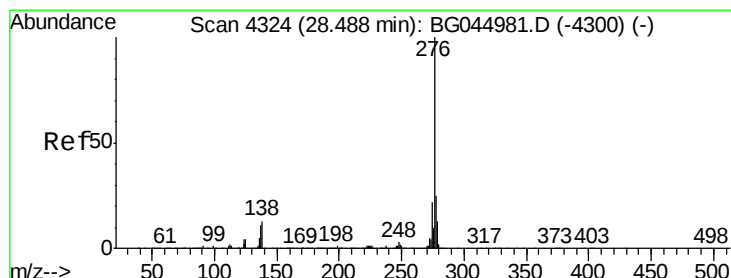
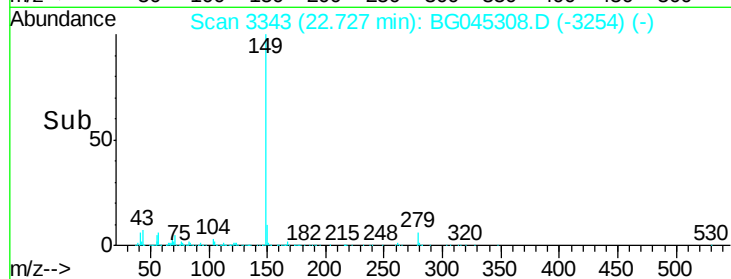
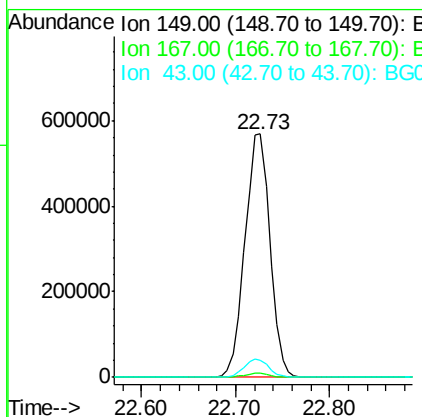
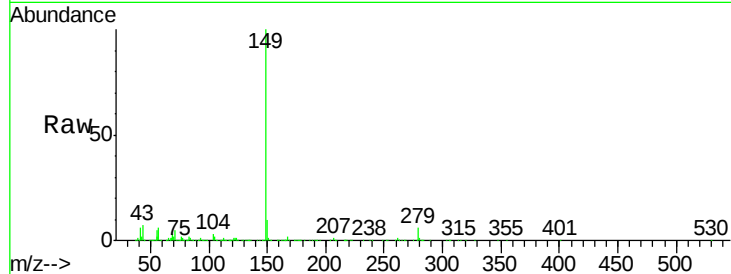
#85
Di-n-octyl phthalate
Concen: 35.19 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	5.7	8.5

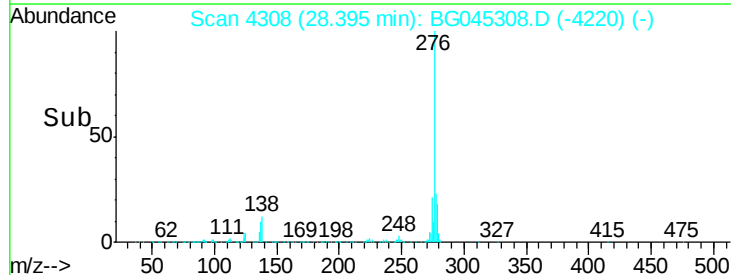
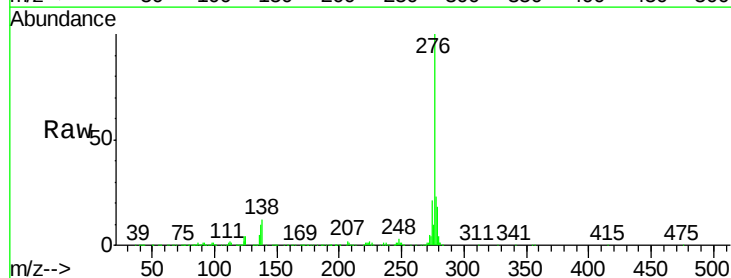
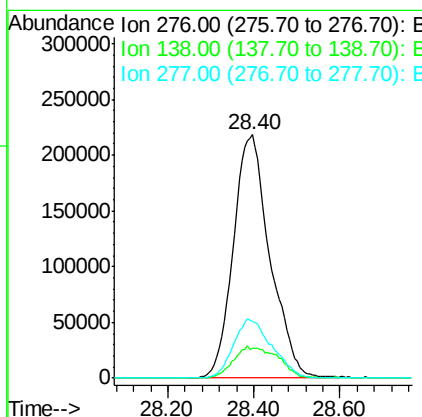
Manual Integrations
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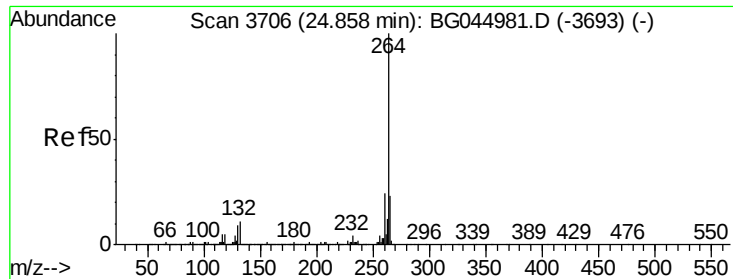
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.84 ng
RT: 28.40 min Scan# 4308
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	9.6	14.4#
277	25.5	20.6	31.0





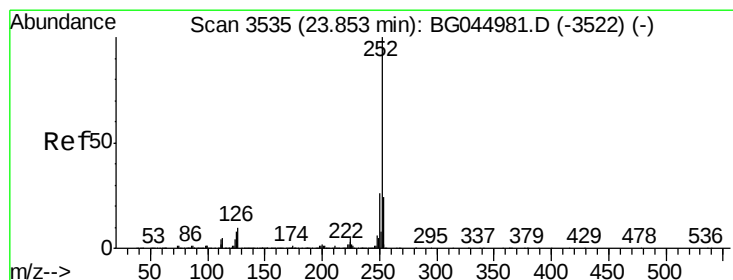
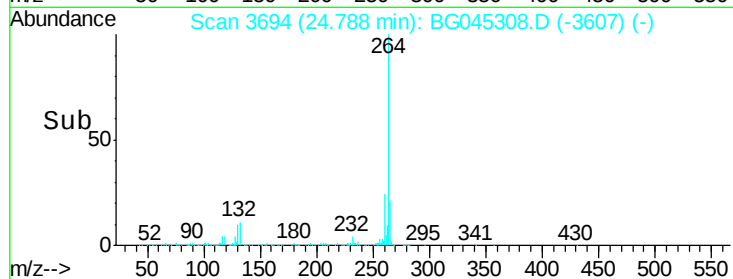
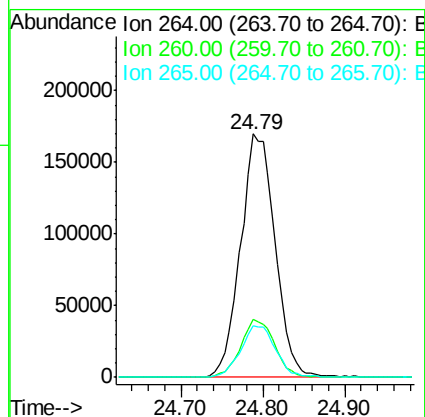
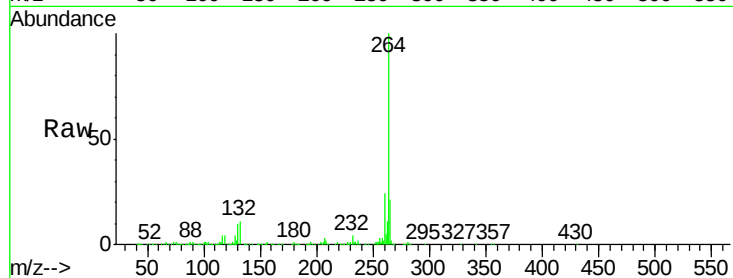
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	498261		
260	23.6	19.2	28.8	
265	21.0	19.0	28.4	

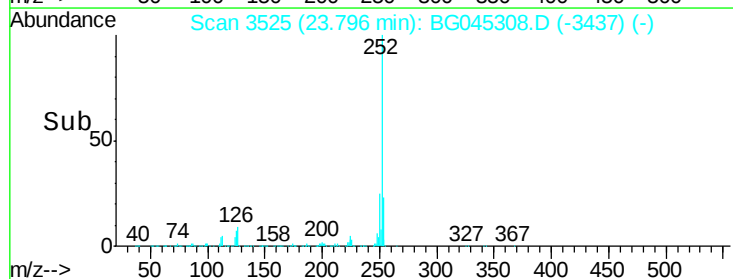
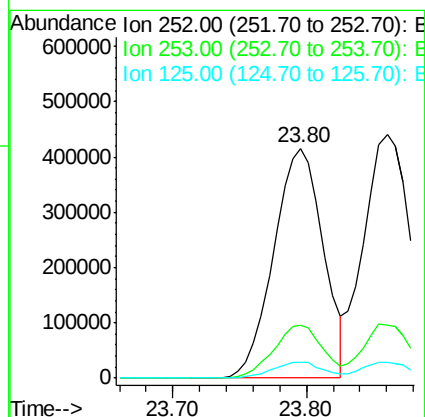
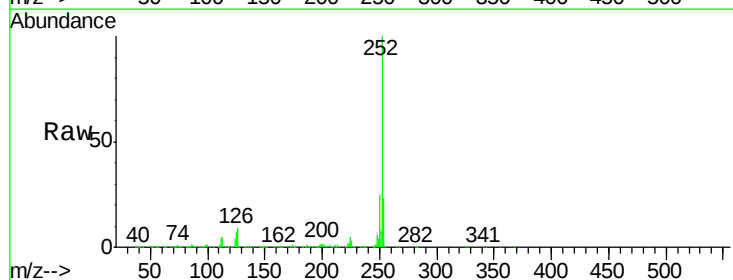
Manual Integrations
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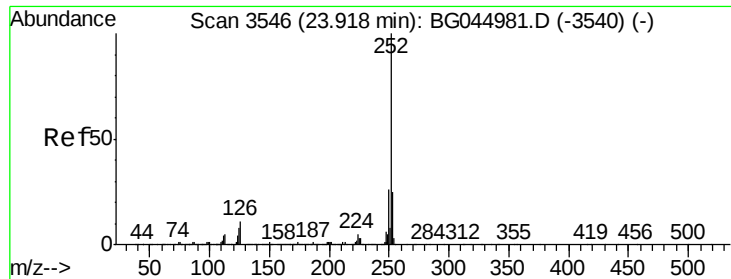
mohammad
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#88
Benzo(b)fluoranthene
Concen: 34.22 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1067945		
253	23.1	18.8	28.2	
125	6.8	6.2	9.4	





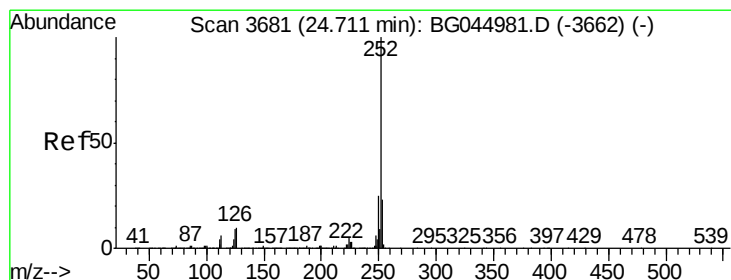
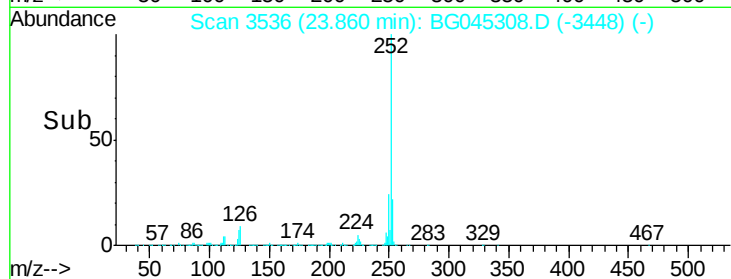
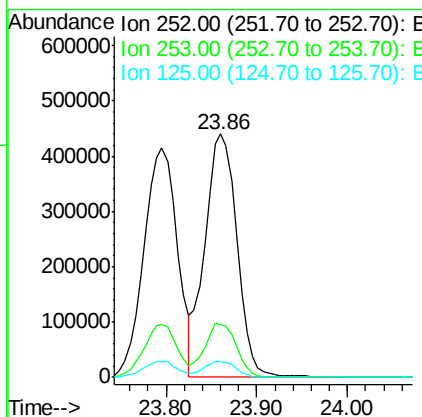
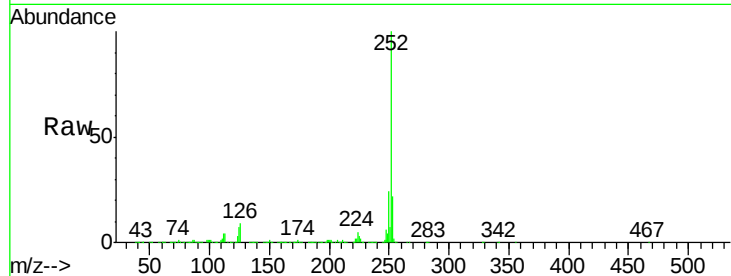
#89
Benzo(k)fluoranthene
Concen: 36.30 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	6.6	5.9	8.9

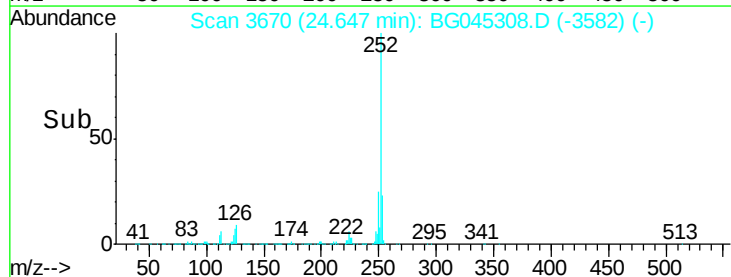
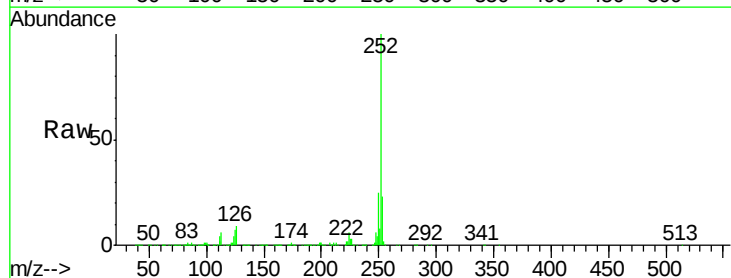
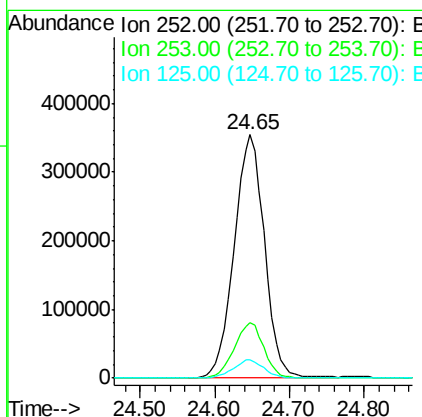
Manual Integrations
APPROVED

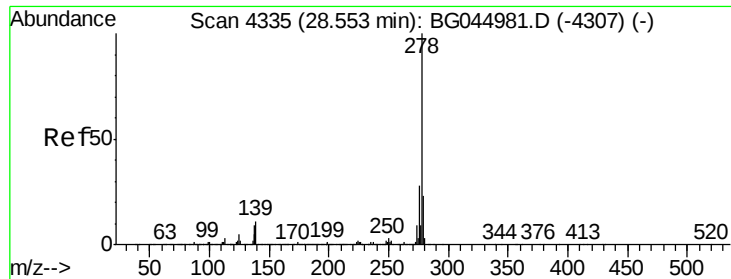
mohammad
5/13/2020 8:15:16 AM



#90
Benzo(a)pyrene
Concen: 33.94 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	7.3	7.0	10.6





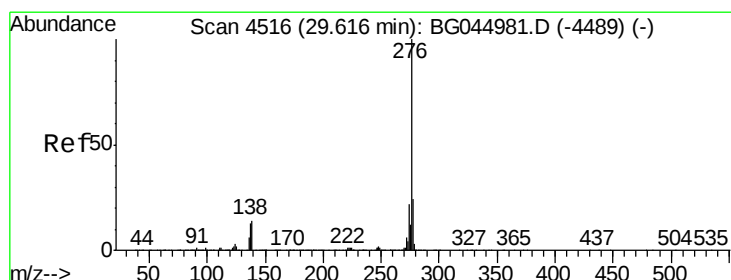
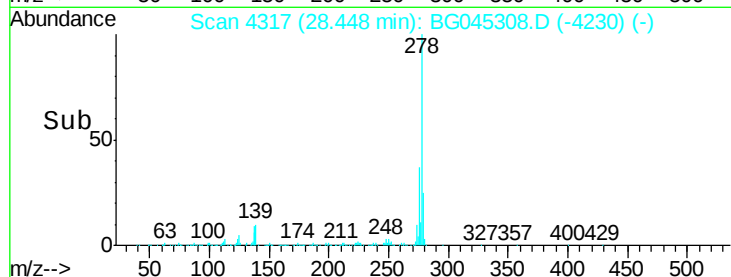
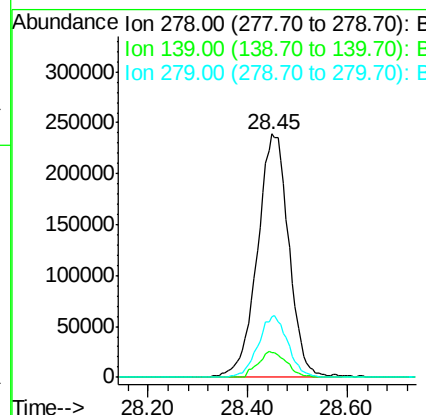
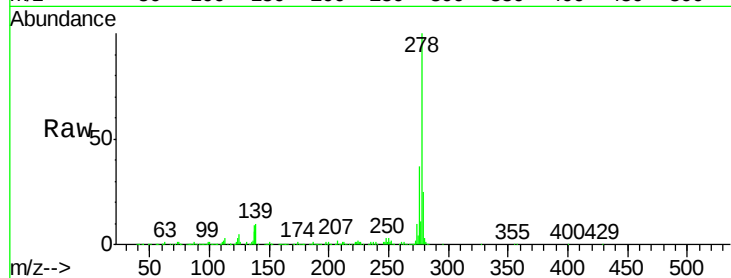
#91
Dibenzo(a,h)anthracene
Concen: 35.32 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.02 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.0	13.6
279	25.1	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/13/2020 8:15:16 AM



#92
Benzo(g,h,i)perylene
Concen: 36.12 ng
RT: 29.51 min Scan# 4498
Delta R.T. -0.02 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	13.7	11.4	17.2

