

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045810.D
 Acq On : 19 Jun 2020 11:26
 Operator : CG/JU
 Sample : PB129631BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Manual Integrations
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 6/22/2020 3:24:06 PM

Quant Time: Jun 19 12:41:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	52948	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	198435	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	138534	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	328141	20.00	ng	0.00
76) Chrysene-d12	21.58	240	302253	20.00	ng	0.00
86) Perylene-d12	24.70	264	327560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	432291	137.92	ng	0.00
7) Phenol-d6	7.15	99	603940	126.67	ng	-0.01
23) Nitrobenzene-d5	9.08	82	384152	88.44	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	272322	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	853372	90.53	ng	0.00
79) Terphenyl-d14	19.93	244	1425778	95.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	53487	37.258	ng	94
3) Pyridine	3.77	79	152090	35.751	ng	96
4) n-Nitrosodimethylamine	3.68	42	62454	43.737	ng	88
6) Aniline	7.25	93	226699	40.382	ng	99
8) 2-Chlorophenol	7.50	128	154123	45.937	ng	96
9) Benzaldehyde	7.05	77	89179	31.142	ng	98
10) Phenol	7.18	94	205223	44.424	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	144530	41.190	ng	98
12) 1,3-Dichlorobenzene	7.81	146	171426	42.875	ng	97
13) 1,4-Dichlorobenzene	7.95	146	170790	42.765	ng	98
14) 1,2-Dichlorobenzene	8.27	146	163537	42.774	ng	96
15) Benzyl Alcohol	8.17	79	156266	42.354	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	134596	40.700	ng	82
17) 2-Methylphenol	8.41	107	139048	40.445	ng	98
18) Hexachloroethane	9.00	117	65153	42.955	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	132200	42.176	ng	98
20) 3+4-Methylphenols	8.74	107	182526	40.369	ng	# 67
22) Acetophenone	8.74	105	236595	43.440	ng	95
24) Nitrobenzene	9.12	77	199130	42.995	ng	98
25) Isophorone	9.65	82	351169	41.761	ng	98
26) 2-Nitrophenol	9.83	139	86285	44.718	ng	94
27) 2,4-Dimethylphenol	9.93	122	138179	46.906	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	192495	43.824	ng	99
29) 2,4-Dichlorophenol	10.40	162	153843	44.761	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	174754	42.949	ng	98
31) Naphthalene	10.77	128	466959	43.043	ng	98
32) Benzoic acid	10.13	122	82738	44.184	ng	89
33) 4-Chloroaniline	10.89	127	161222	35.487	ng	97
34) Hexachlorobutadiene	11.06	225	121326	41.927	ng	98
35) Caprolactam	11.66	113	50992m	45.847	ng	
36) 4-Chloro-3-methylphenol	12.07	107	177441	44.714	ng	96
37) 2-Methylnaphthalene	12.38	142	347095	42.966	ng	97
38) 1-Methylnaphthalene	12.60	142	333441	43.617	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	196571	43.093	ng	98

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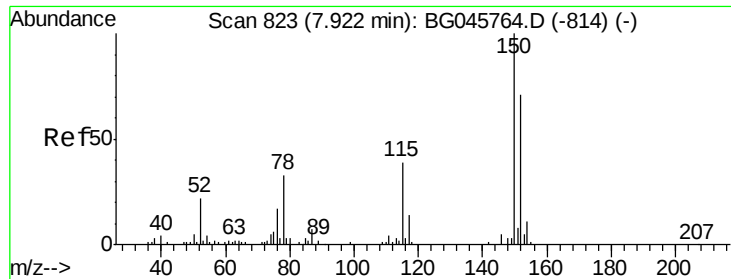
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	239125	93.334	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	133592	43.195	nq	97
44) 2,4,5-Trichlorophenol	13.11	196	140290	39.800	nq	99
46) 1,1'-Biphenyl	13.39	154	443445	44.710	nq	99
47) 2-Chloronaphthalene	13.44	162	341118	42.577	nq	99
48) 2-Nitroaniline	13.65	65	112179	42.093	nq	98
49) Acenaphthylene	14.29	152	555012	43.249	nq	100
50) Dimethylphthalate	14.02	163	468094	43.132	nq	99
51) 2,6-Dinitrotoluene	14.15	165	106672	43.762	nq	97
52) Acenaphthene	14.63	154	333381	42.858	nq	95
53) 3-Nitroaniline	14.49	138	84475	34.696	nq	# 93
54) 2,4-Dinitrophenol	14.69	184	125946	91.313	nq	93
55) Dibenzofuran	14.97	168	546421	43.242	nq	99
56) 4-Nitrophenol	14.86	139	140303	80.410	nq	99
57) 2,4-Dinitrotoluene	14.94	165	150978	43.230	nq	98
58) Fluorene	15.62	166	463774	44.137	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	137404	44.913	nq	98
60) Diethylphthalate	15.39	149	482078	43.452	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	255757	42.231	nq	98
62) 4-Nitroaniline	15.66	138	104826	41.951	nq	93
63) Azobenzene	15.90	77	463476	43.508	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	97067	47.866	nq	96
66) n-Nitrosodiphenylamine	15.83	169	401070	43.152	nq	96
67) 4-Bromophenyl-phenylether	16.50	248	175712	41.211	nq	99
68) Hexachlorobenzene	16.63	284	193578	43.783	nq	93
69) Atrazine	16.78	200	156030	43.263	nq	98
70) Pentachlorophenol	16.99	266	181908	83.099	nq	96
71) Phenanthrene	17.36	178	726238	42.913	nq	98
72) Anthracene	17.45	178	744368	44.170	nq	98
73) Carbazole	17.73	167	684967	42.687	nq	99
74) Di-n-butylphthalate	18.28	149	820636	43.192	nq	99
75) Fluoranthene	19.37	202	924655	44.433	nq	99
77) Benzidine	19.56	184	549799	69.970	nq	99
78) Pyrene	19.73	202	908294	44.876	nq	99
80) Butylbenzylphthalate	20.62	149	364933	43.076	nq	95
81) Benzo(a)anthracene	21.56	228	845517	43.147	nq	100
82) 3,3'-Dichlorobenzidine	21.48	252	281362	37.958	nq	97
83) Chrysene	21.62	228	816410	43.074	nq	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	508936	43.188	nq	# 97
85) Di-n-octyl phthalate	22.65	149	878296	43.209	nq	99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1064346	44.821	nq	# 98
88) Benzo(b)fluoranthene	23.72	252	916307	44.616	nq	98
89) Benzo(k)fluoranthene	23.78	252	905033	46.043	nq	97
90) Benzo(a)pyrene	24.56	252	840297	43.800	nq	99
91) Dibenzo(a,h)anthracene	28.31	278	862273	45.281	nq	100
92) Benzo(g,h,i)perylene	29.36	276	858298	45.031	nq	98

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



#1

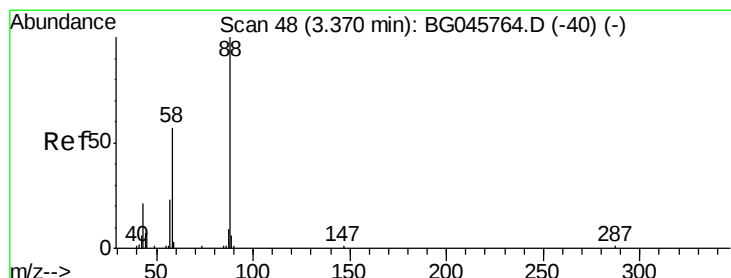
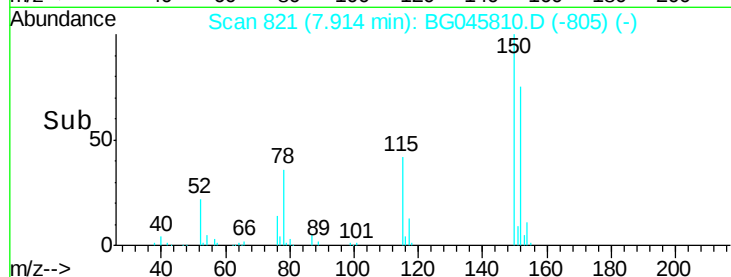
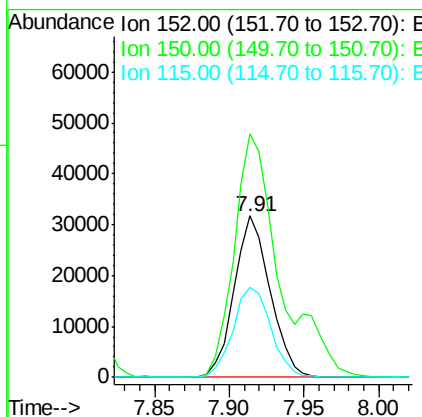
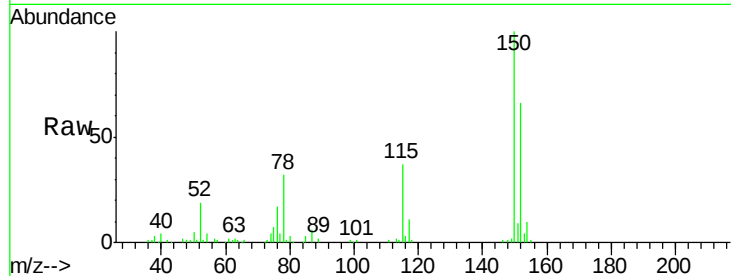
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	113.1	169.7
115	55.8	43.8	65.6

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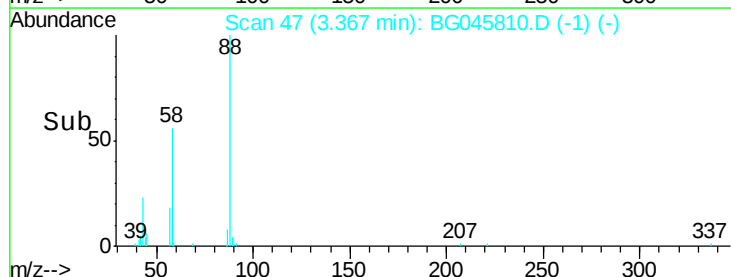
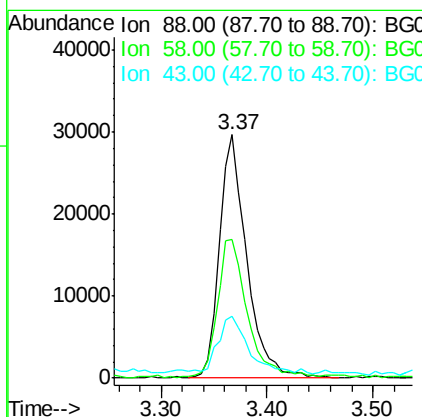
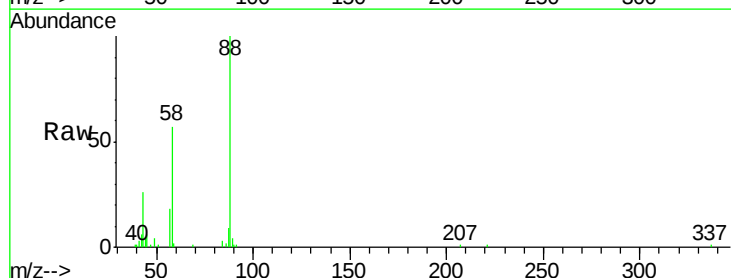
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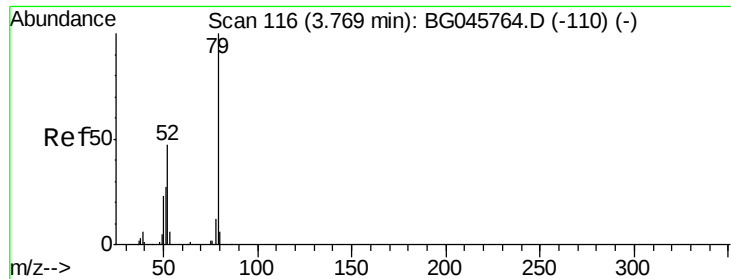


#2

1,4-Dioxane
Concen: 37.258 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	46.1	69.1
43	24.8	19.2	28.8





#3

Pvridine

Concen: 35.751 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

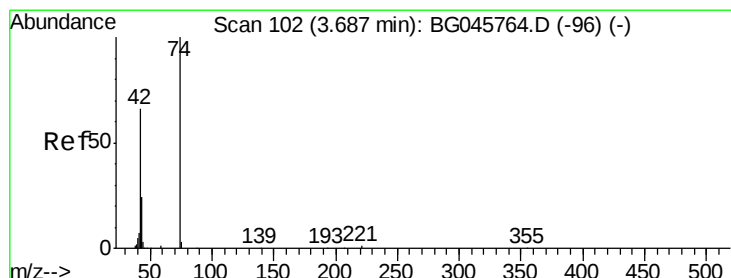
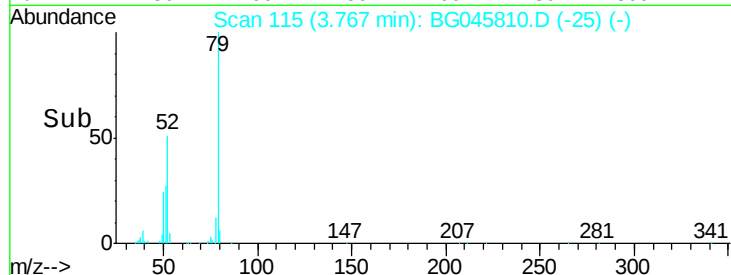
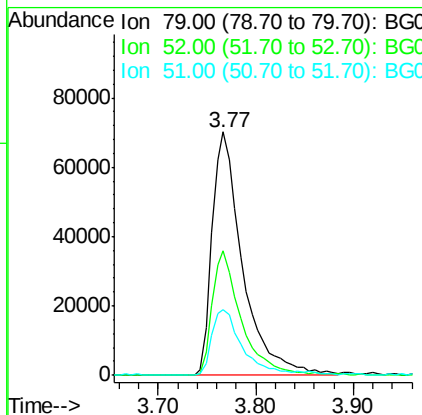
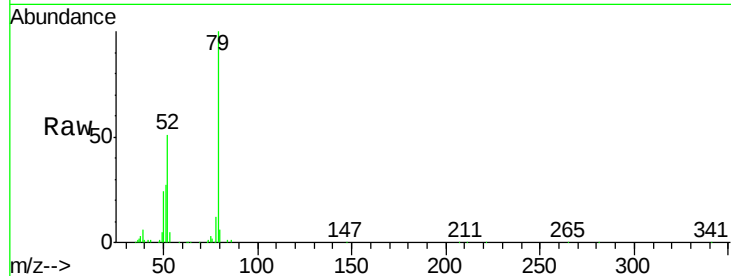
ClientSampleId :

PB129631BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		152090		
52	51.1	37.9	56.9		
51	27.0	22.0	33.0		

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#4

n-Nitrosodimethylamine

Concen: 43.737 ng

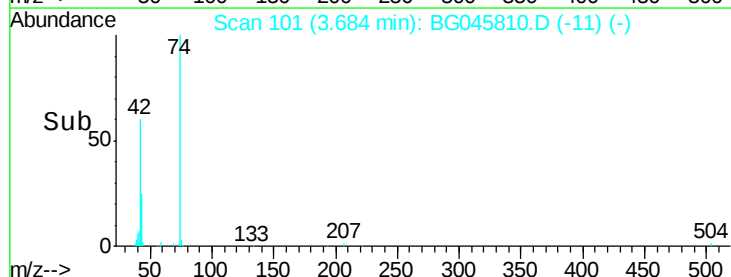
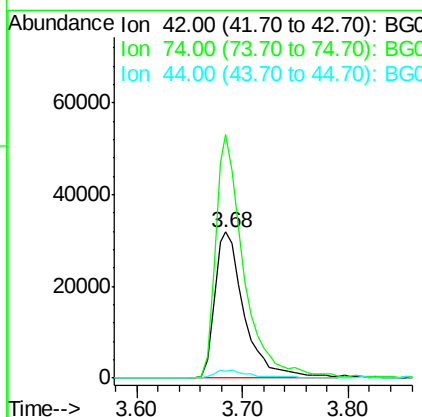
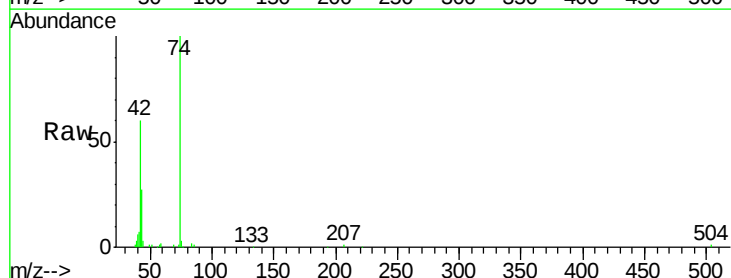
RT: 3.68 min Scan# 101

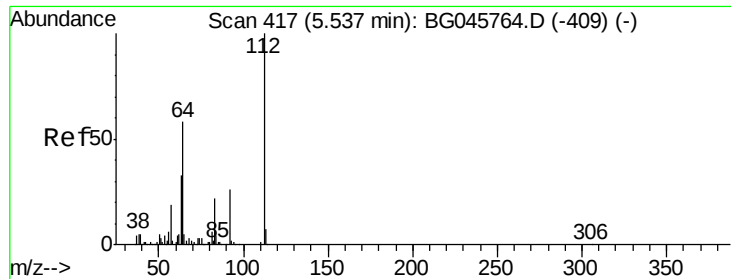
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		62454		
74	166.8	121.0	181.4		
44	4.5	3.5	5.3		





#5

2-Fluorophenol

Concen: 137.917 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

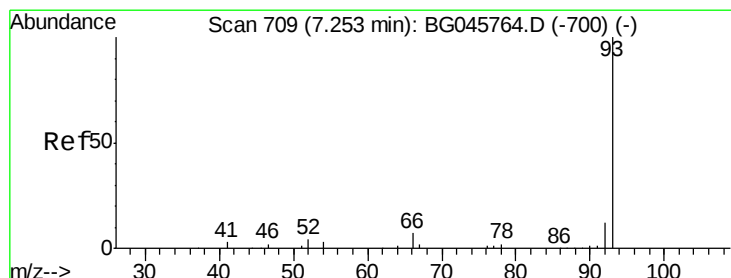
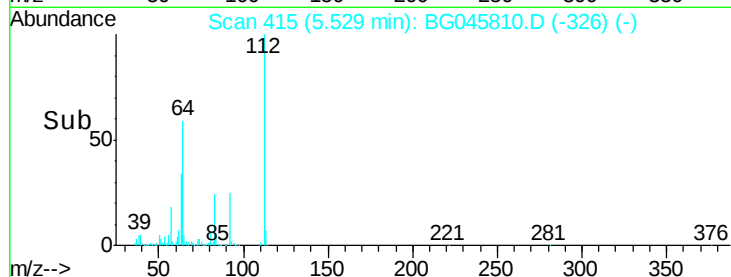
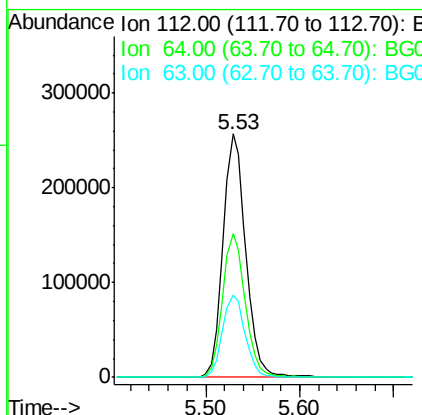
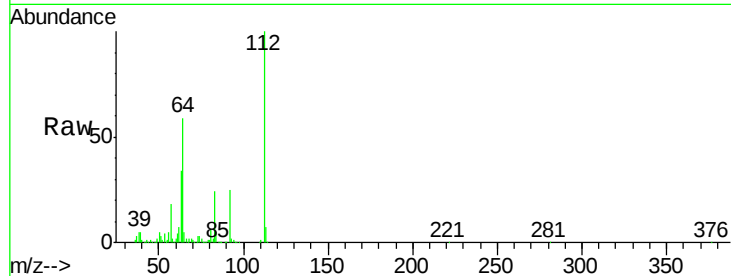
ClientSampleId :

PB129631BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		432291		
64	58.9	46.6	69.8		
63	34.0	26.3	39.5		

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#6

Aniline

Concen: 40.382 ng

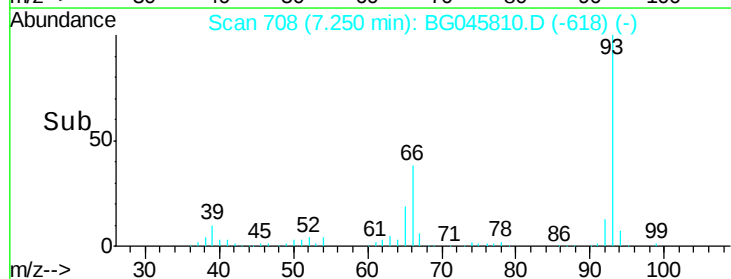
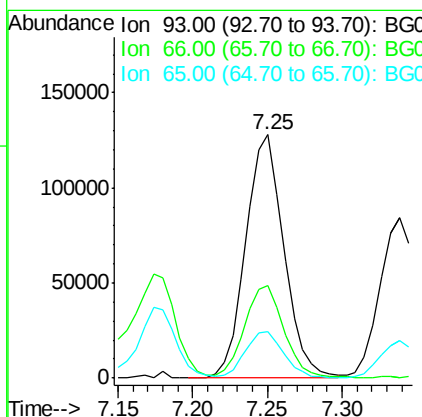
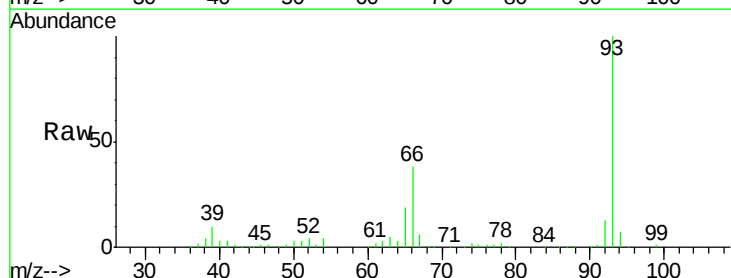
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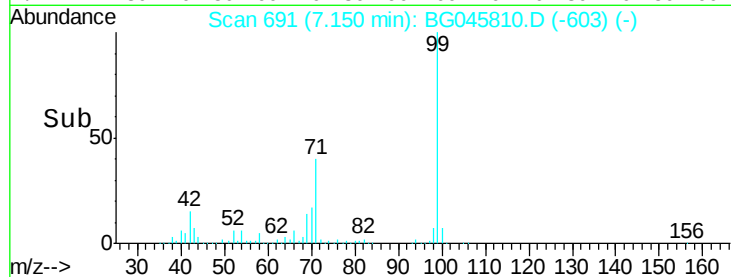
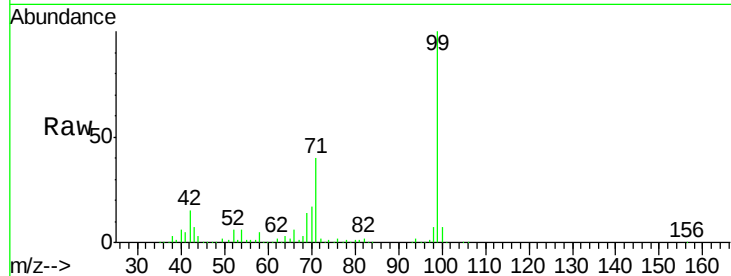
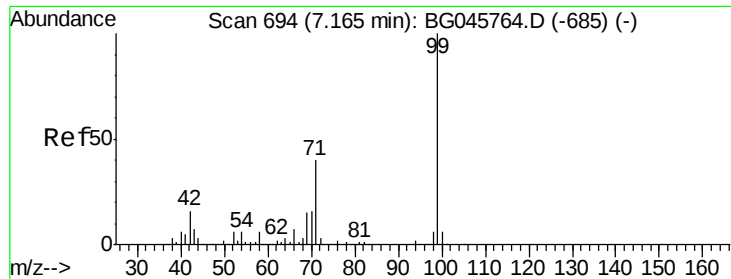
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		226699		
66	37.9	30.0	45.0		
65	19.0	14.7	22.1		





#7

Phenol-d6

Concen: 126.672 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		603940		
42	15.1	12.4	18.6		
71	39.8	32.1	48.1		

Instrument :

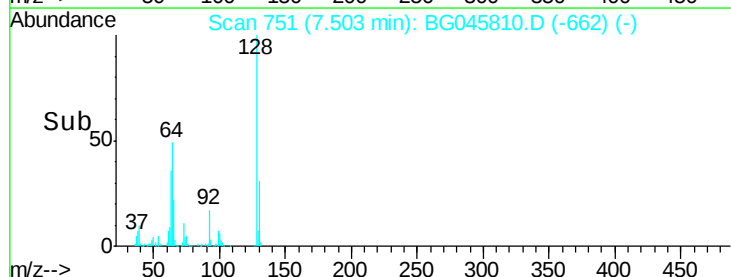
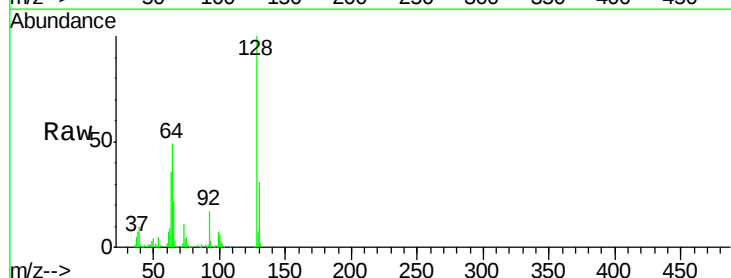
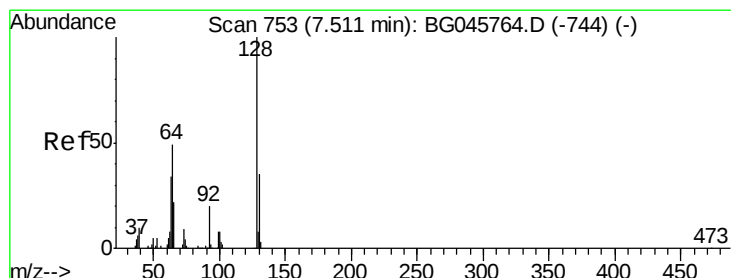
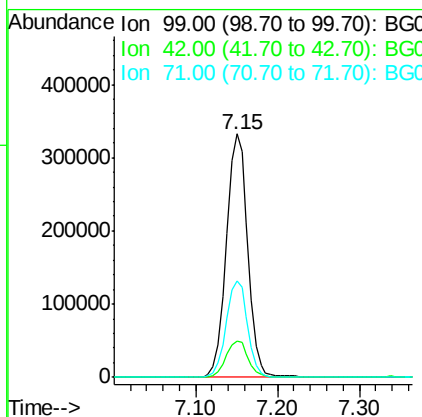
BNA_G

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PB129631BSD

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#8

2-Chlorophenol

Concen: 45.937 ng

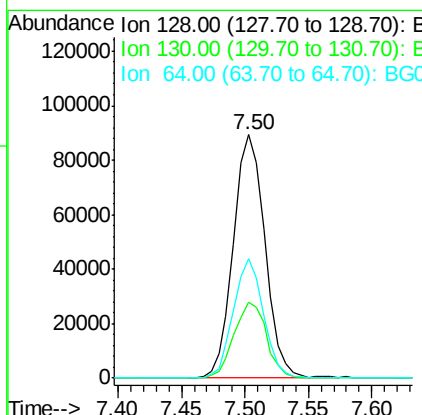
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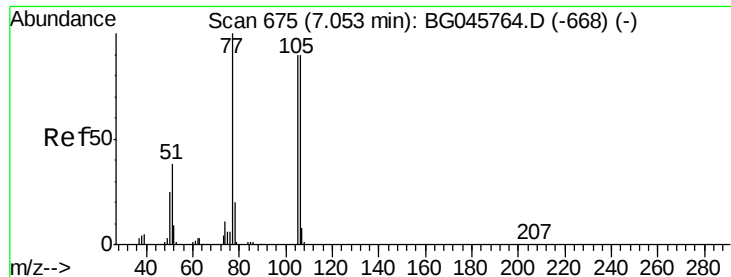
Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		154123		
130	31.4	14.5	54.5		
64	49.3	31.6	71.6		





#9

Benzaldehyde

Concen: 31.142 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

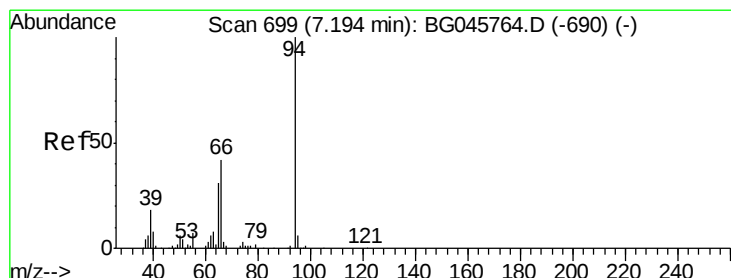
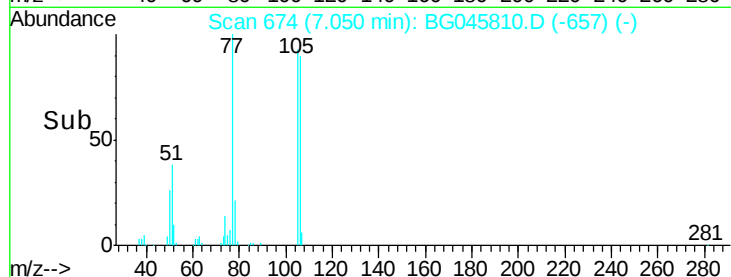
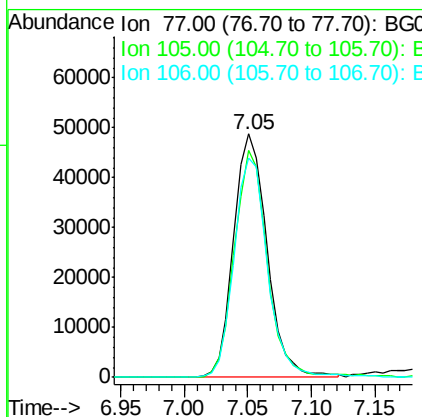
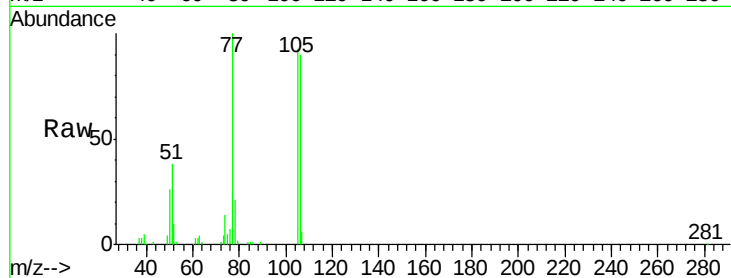
ClientSampleId :

PB129631BSD

Tot Ion:	77	Resp:	89179
Ion	Ratio	Lower	Upper
77	100		
105	93.2	70.4	110.4
106	90.3	70.2	110.2

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#10

Phenol

Concen: 44.424 ng

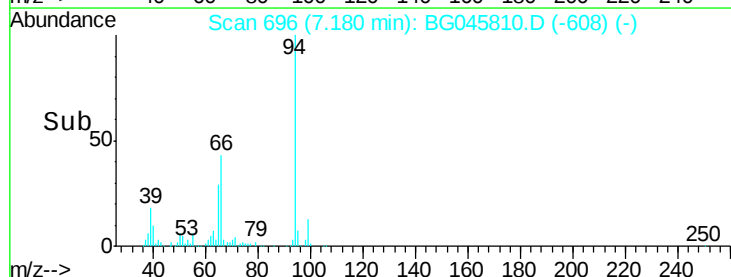
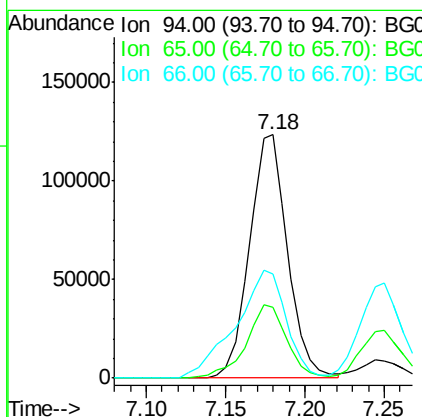
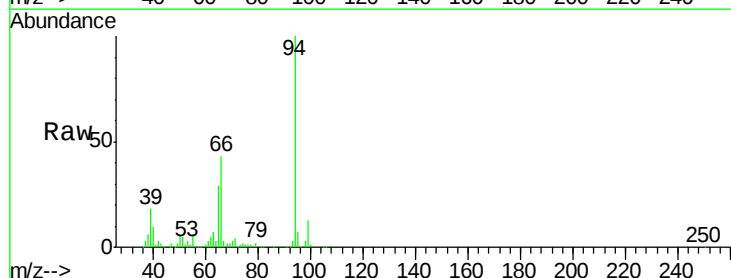
RT: 7.18 min Scan# 696

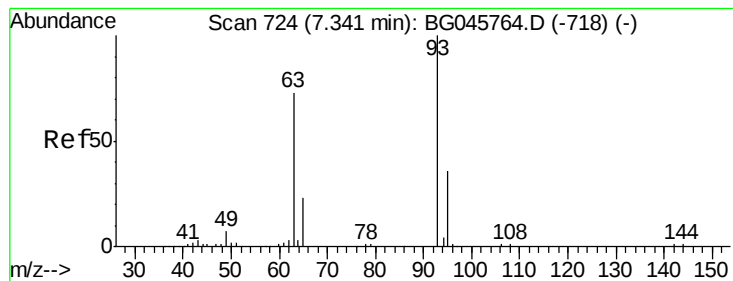
Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	94	Resp:	205223
Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.7	50.7
66	42.8	22.5	62.5





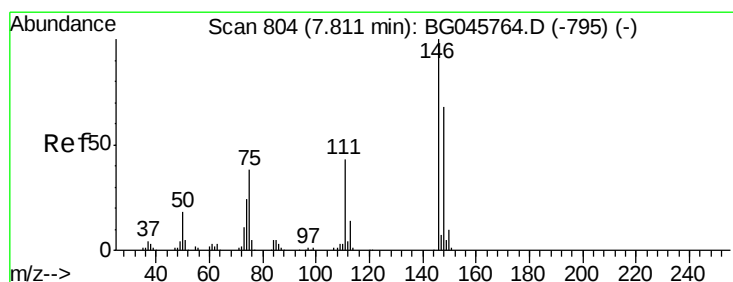
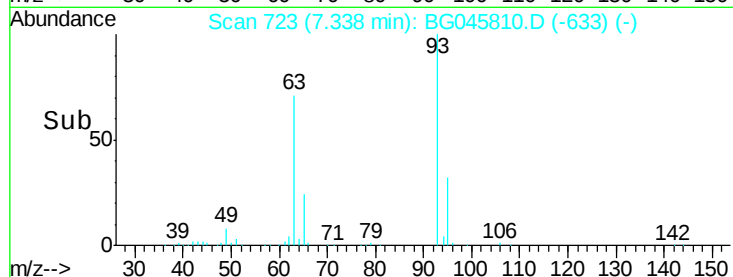
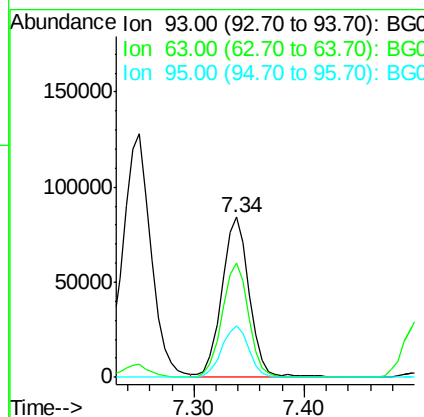
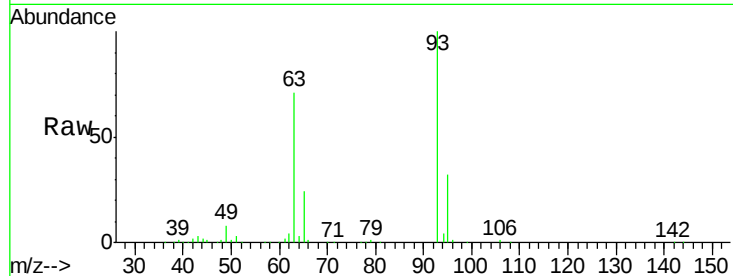
#11
bis(2-Chloroethyl)ether
Concen: 41.190 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	52.0	92.0
95	32.2	15.6	55.6

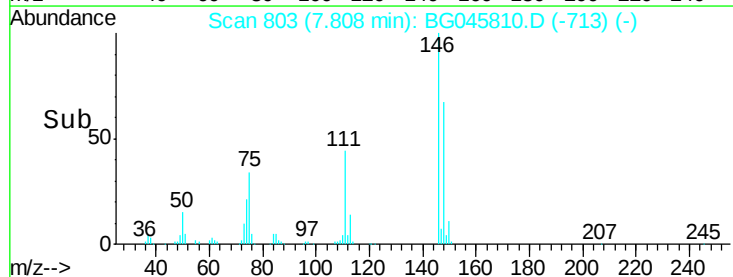
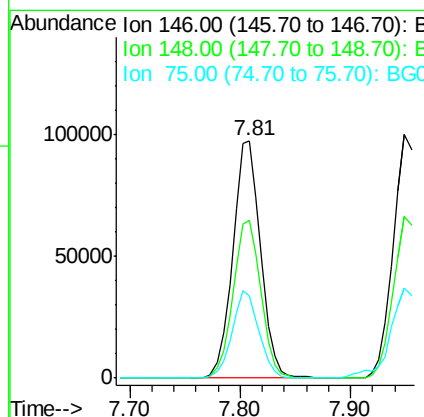
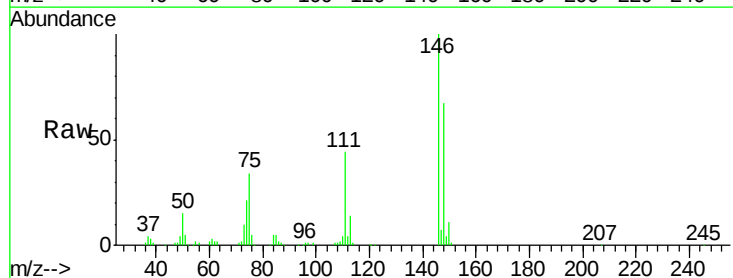
Manual Integrations
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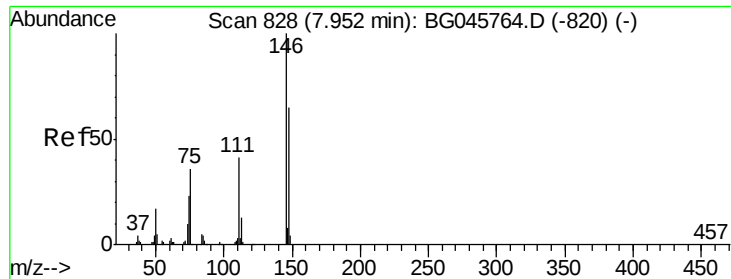
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.875 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.2	81.4
75	34.4	30.1	45.1





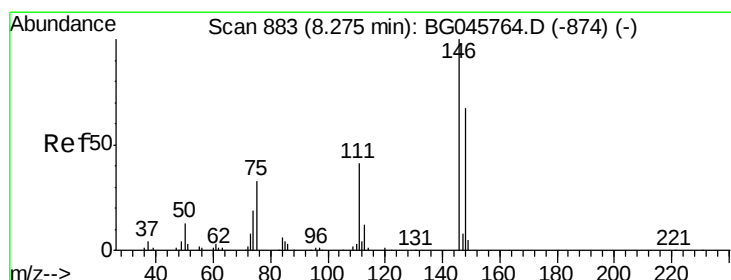
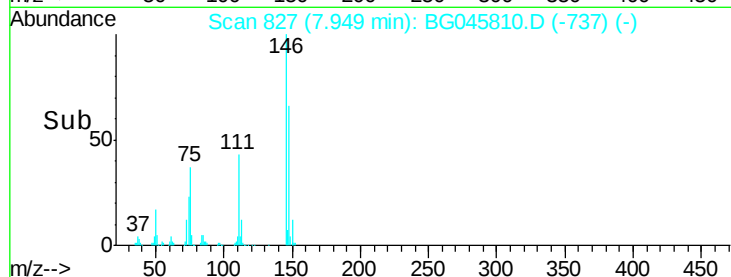
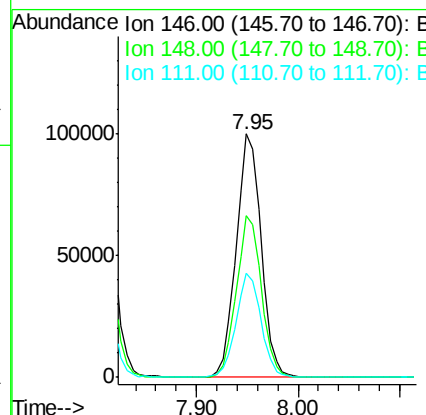
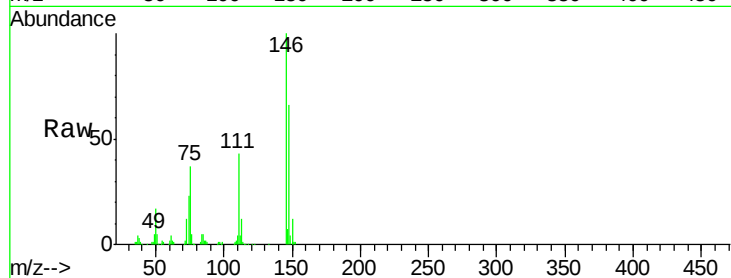
#13
 1,4-Dichlorobenzene
 Concen: 42.765 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.6
111	42.8	32.8	49.2

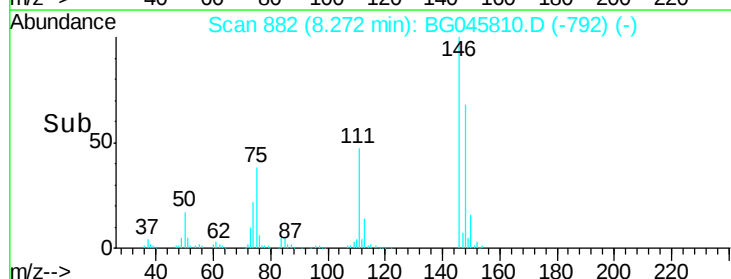
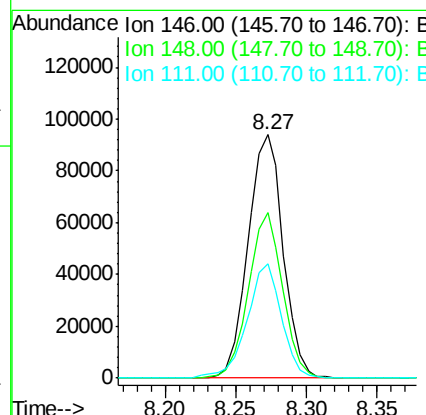
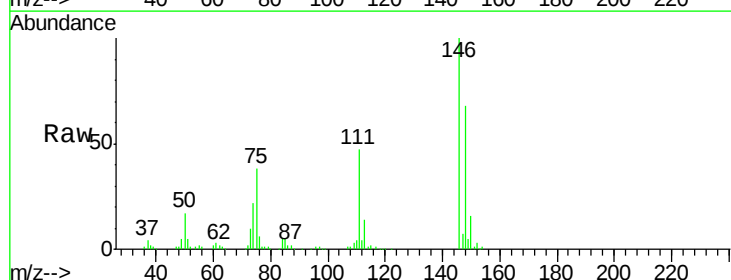
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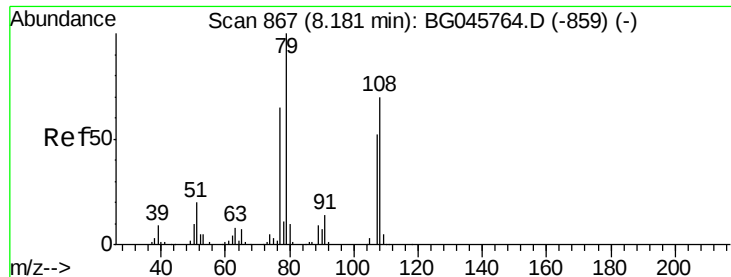
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.774 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	54.1	81.1
111	46.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 42.354 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

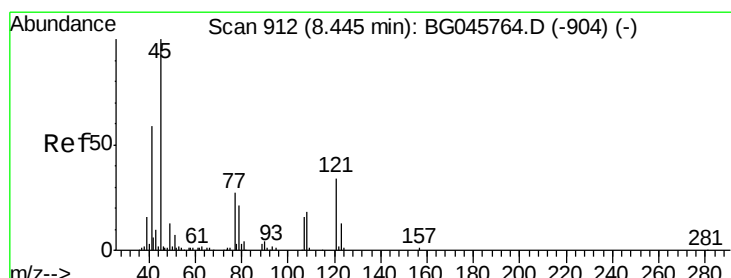
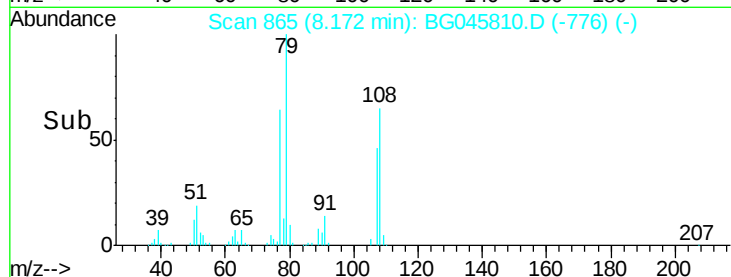
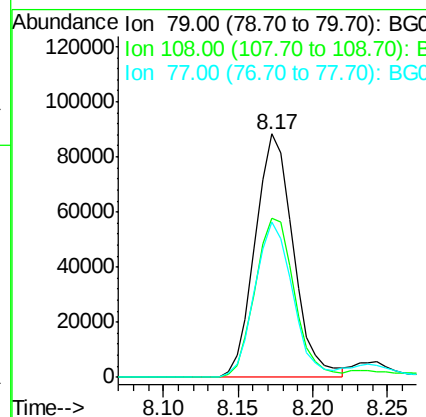
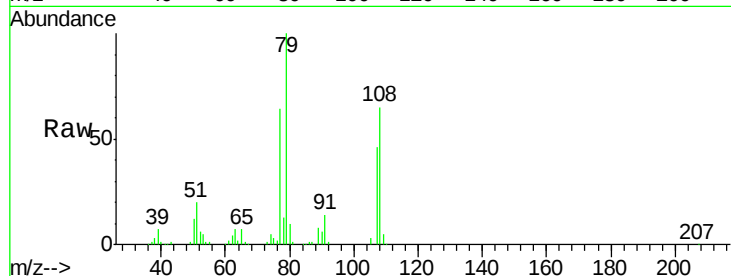
ClientSampleId :

PB129631BSD

Tot Ion:	79	Resp:	156266
Ion Ratio	Lower	Upper	
79	100		
108	65.4	56.2	84.4
77	64.0	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.700 ng

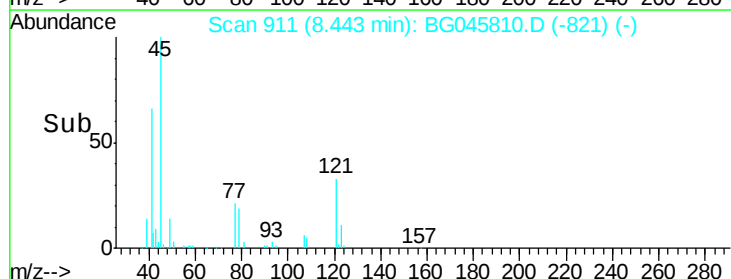
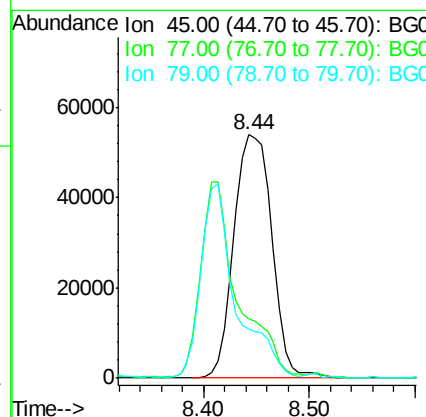
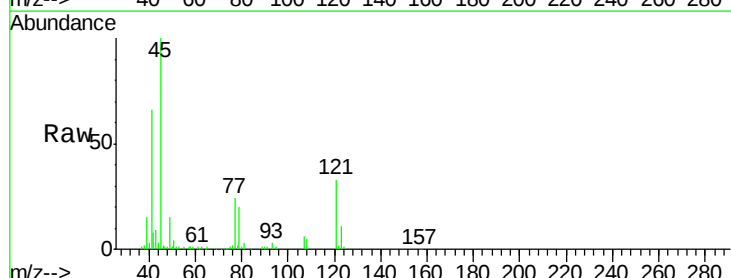
RT: 8.44 min Scan# 911

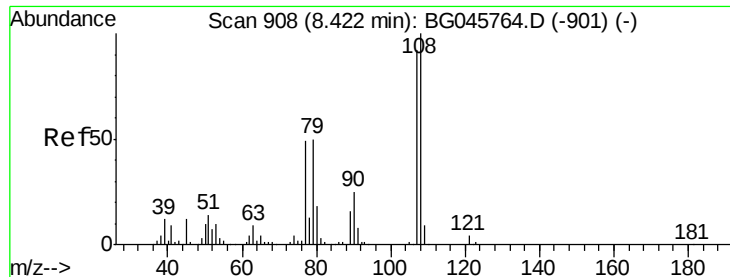
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	45	Resp:	134596
Ion Ratio	Lower	Upper	
45	100		
77	24.2	14.9	54.9
79	20.3	9.2	49.2





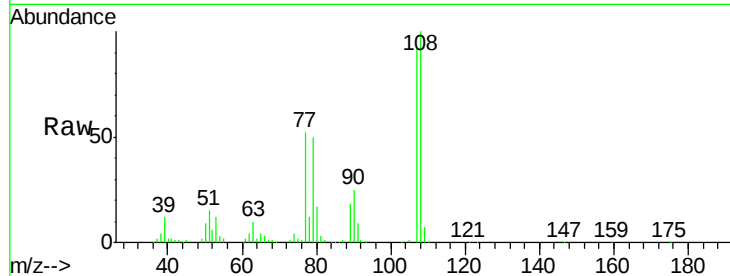
#17
2-Methylphenol
Concen: 40.445 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	107	Resp	139048
Ion Ratio	Lower	Upper	
107	100		
108	108.8	87.4	131.0
77	56.2	42.5	63.7
79	54.3	44.0	66.0

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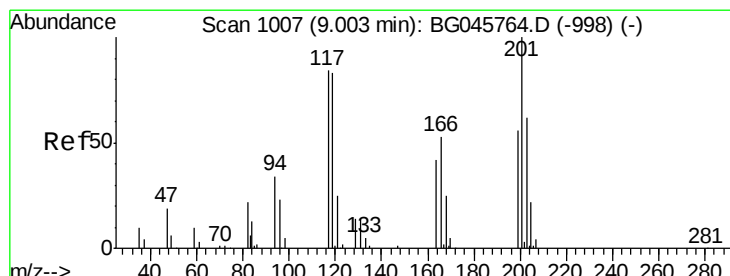
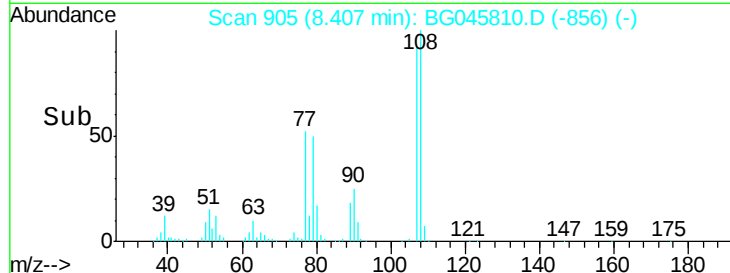
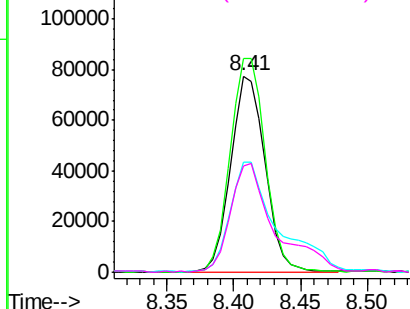
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

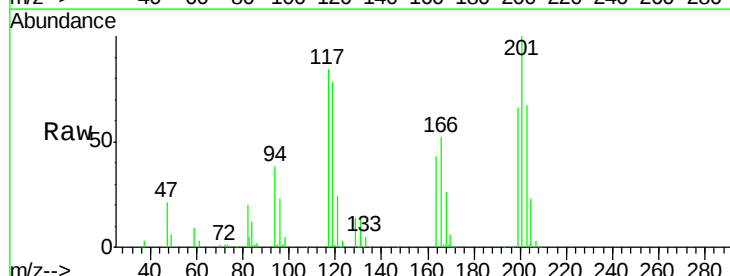
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.955 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	117	Resp	65153
Ion Ratio	Lower	Upper	
117	100		
119	92.7	78.9	118.3
201	119.5	95.5	143.3

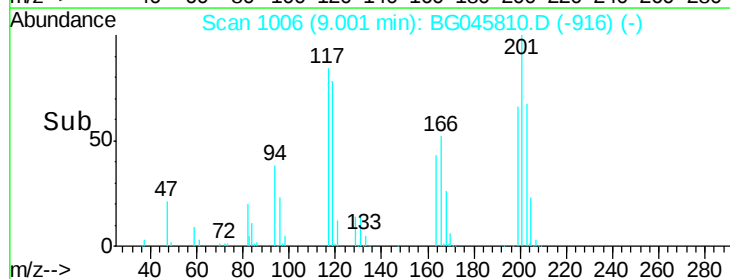
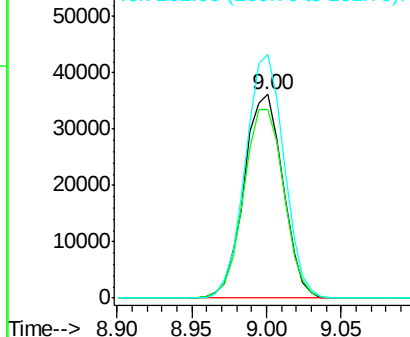


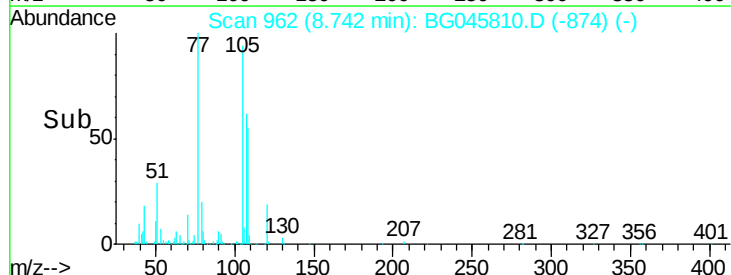
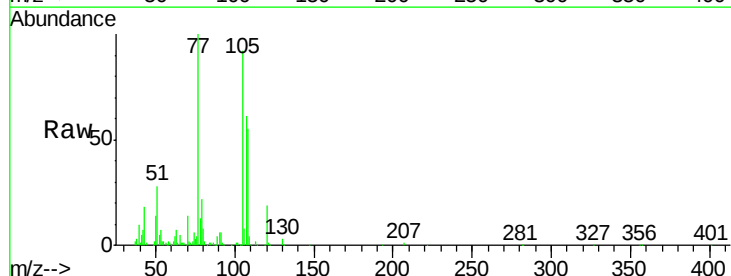
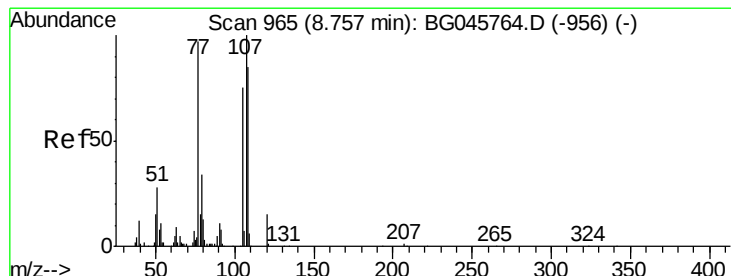
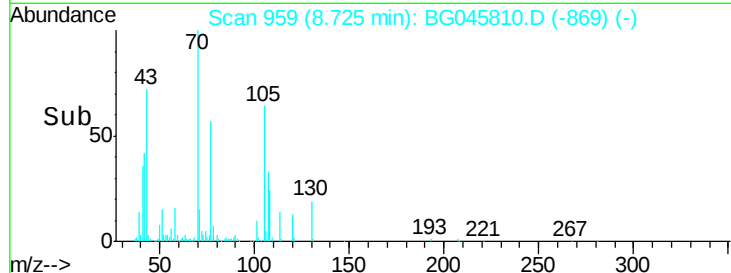
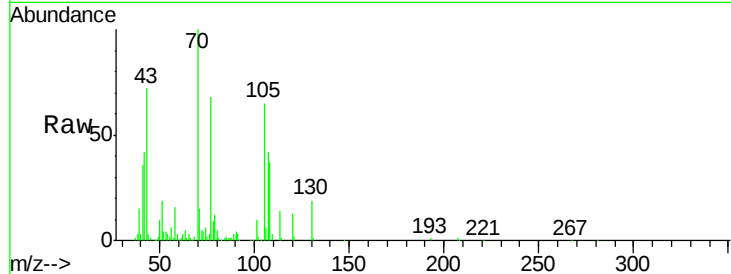
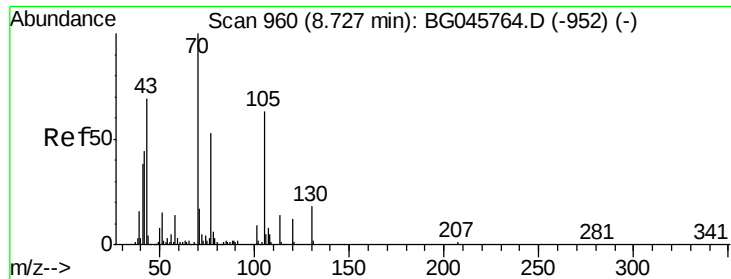
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

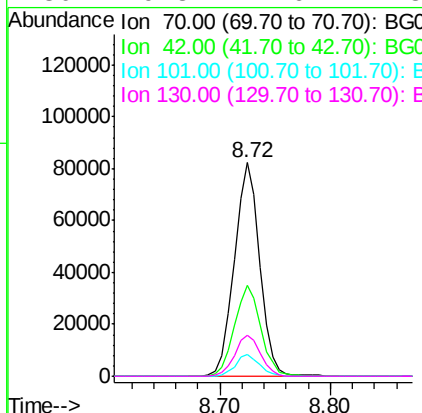
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.176 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.4	35.1	52.7	
101	10.0	7.4	11.0	
130	19.3	14.6	21.8	



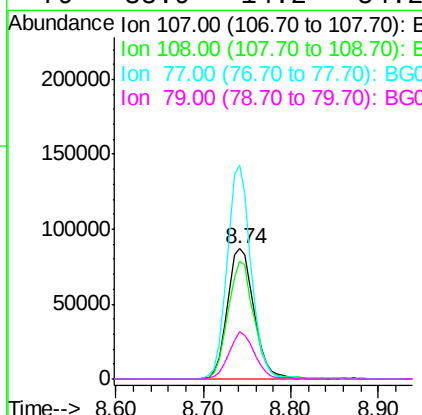
Instrument :
BNA_G
ClientSampleId :
PB129631BSD

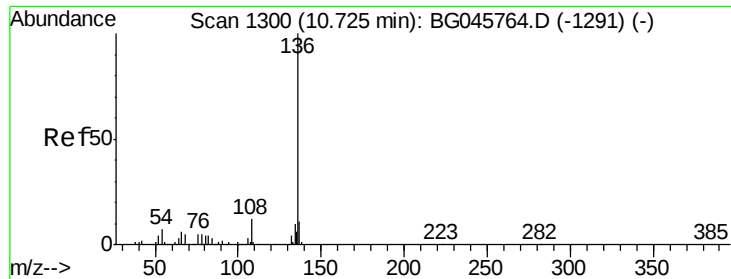
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#20
3+4-Methylphenols
Concen: 40.369 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	65.4	105.4	
77	163.7	77.2	117.2#	
79	35.9	14.2	54.2	





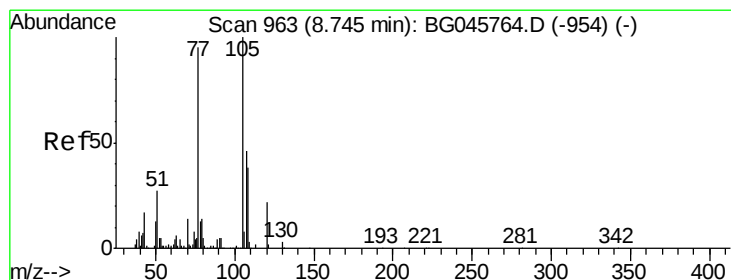
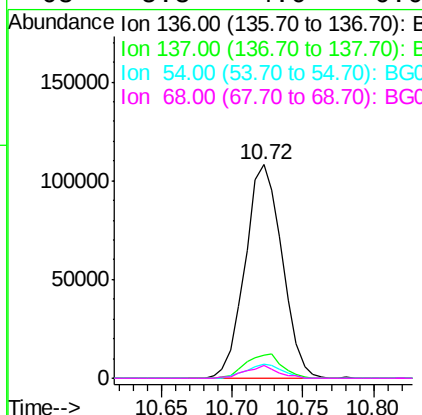
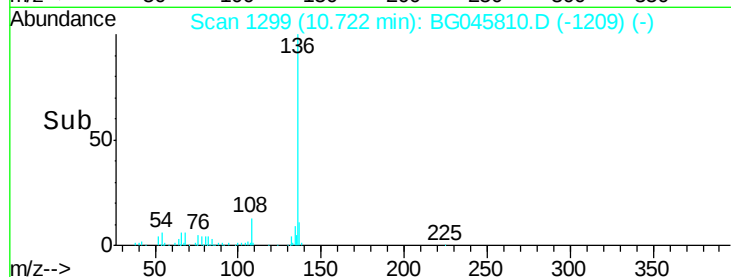
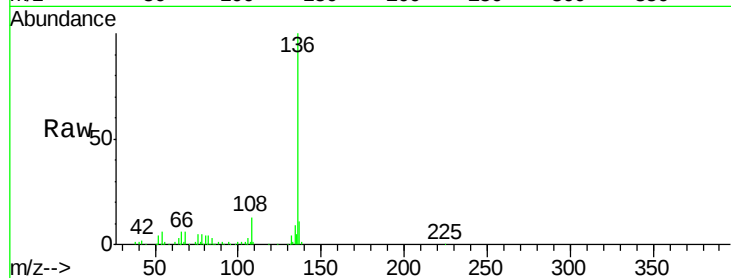
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	198435		
137	11.0	8.7	13.1	
54	6.3	5.8	8.6	
68	5.8	4.0	6.0	

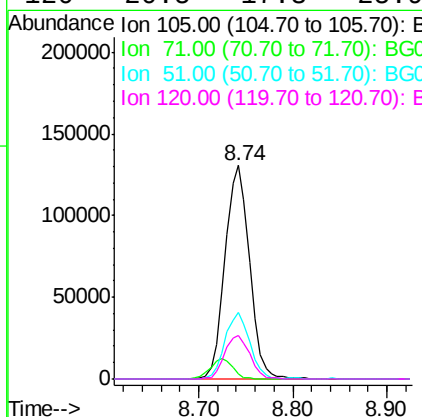
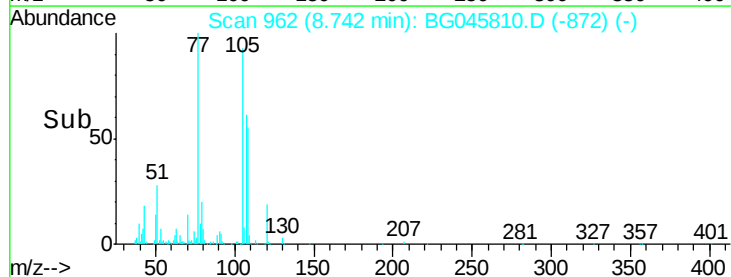
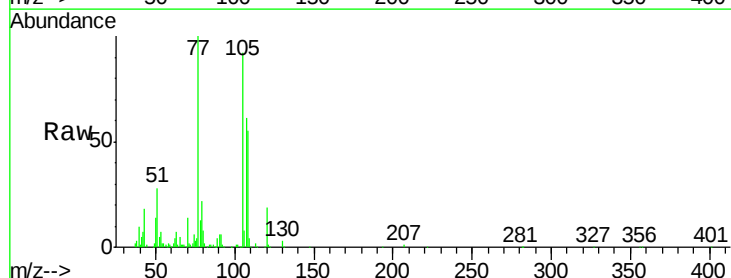
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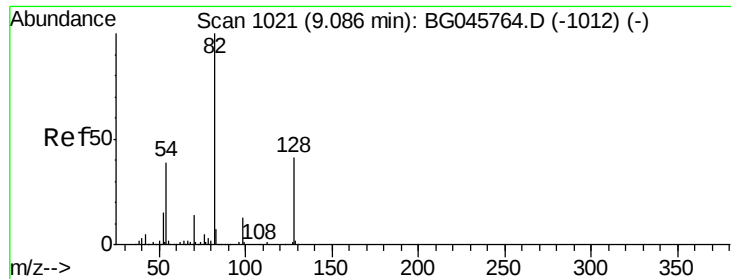
mohammad
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#22
Acetophenone
Concen: 43.440 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236595		
71	2.4	1.8	2.8	
51	31.1	21.9	32.9	
120	20.5	17.3	25.9	





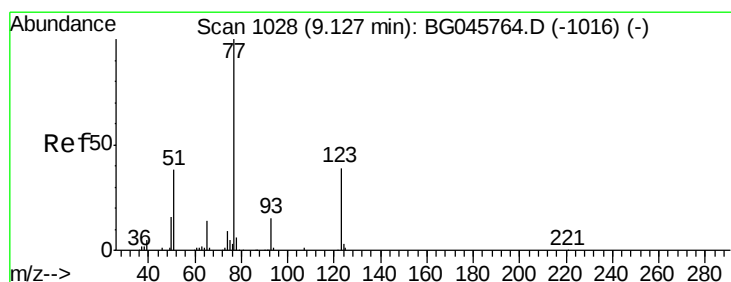
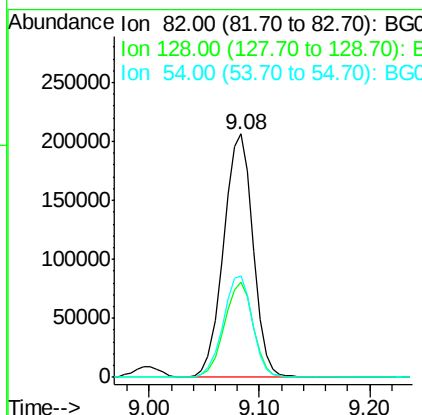
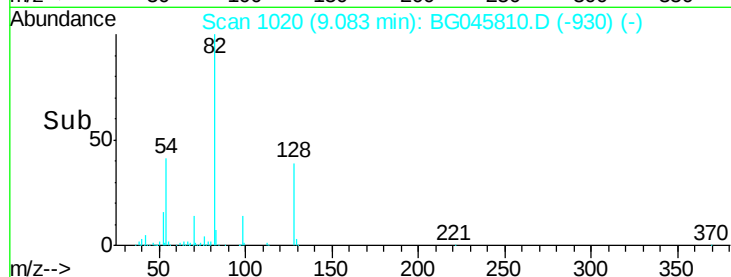
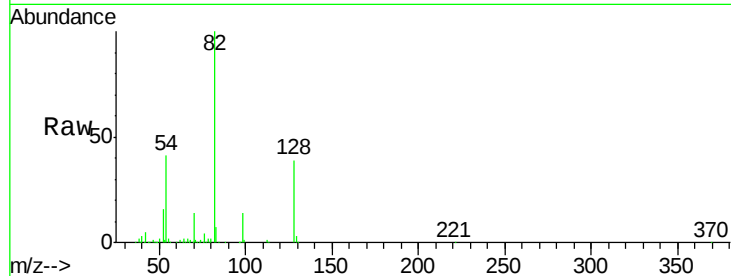
#23
 Nitrobenzene-d5
 Concen: 88.439 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampled :
 PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	384152		
128	39.0		32.5	48.7
54	41.5		31.2	46.8

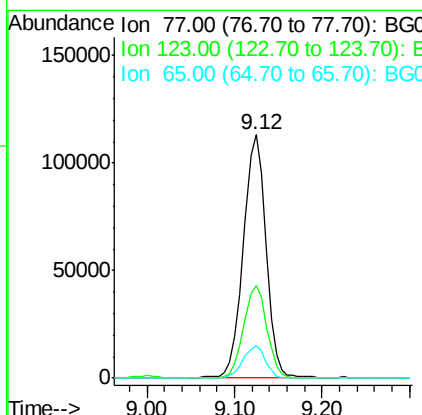
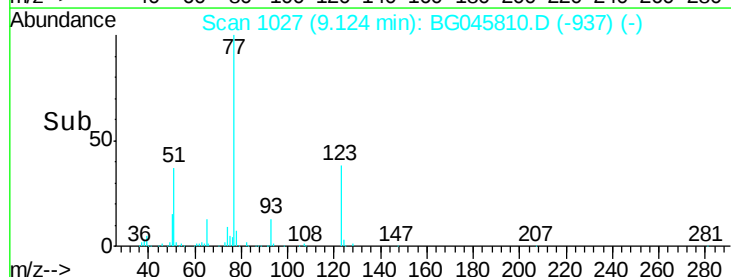
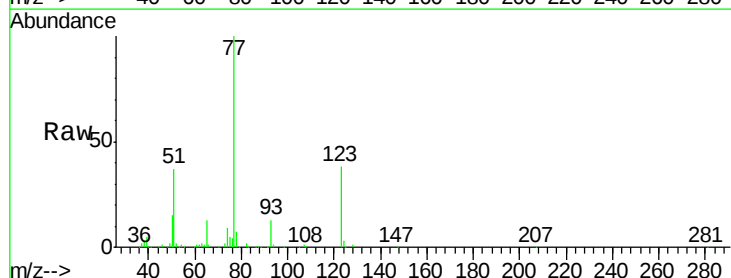
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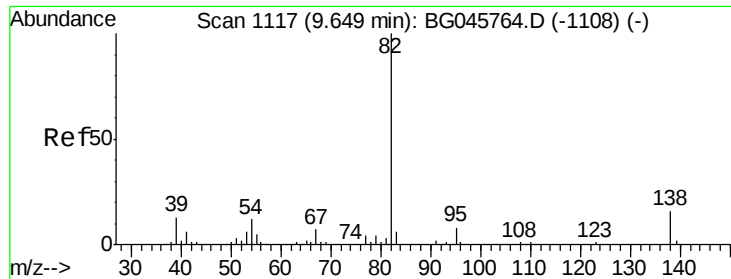
mohammad
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#24
 Nitrobenzene
 Concen: 42.995 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	199130		
123	37.8		31.2	46.8
65	13.2		11.4	17.2





#25

Isophorone

Concen: 41.761 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

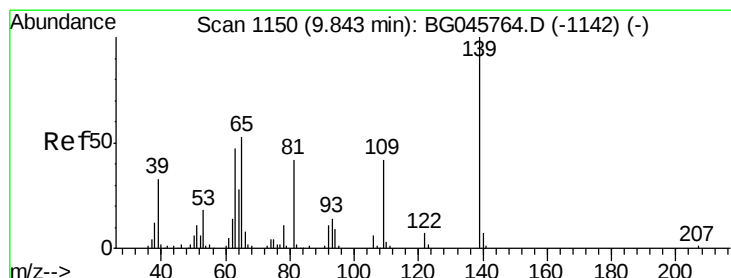
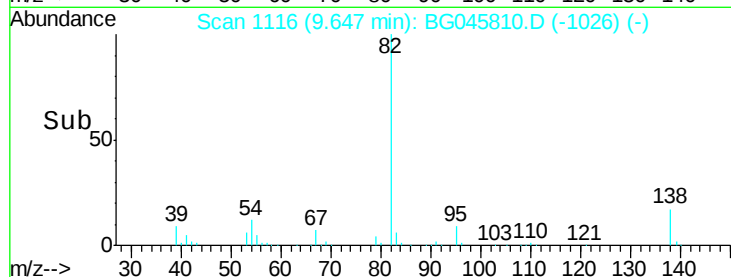
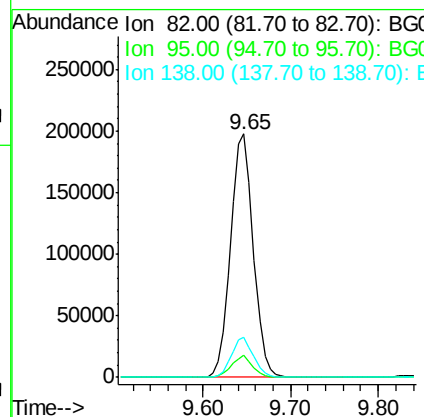
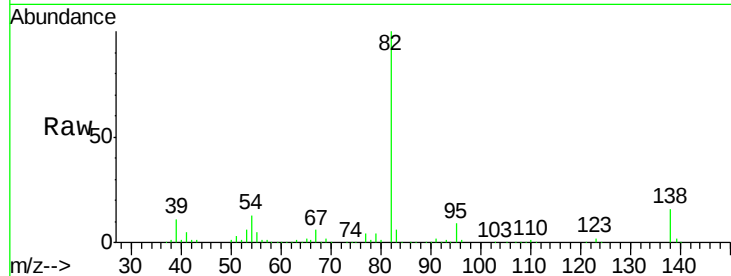
ClientSampleId :

PB129631BSD

Tot Ion:	82	Resp:	351169
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.2	9.4
138	16.3	12.6	18.8

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#26

2-Nitrophenol

Concen: 44.718 ng

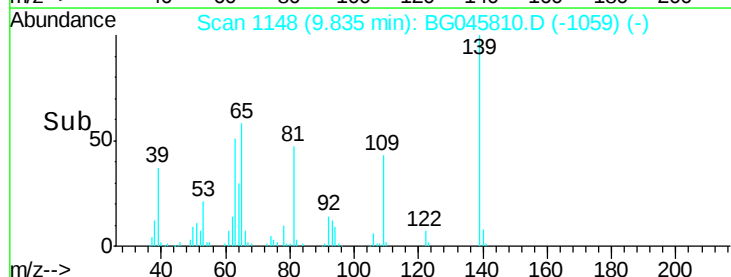
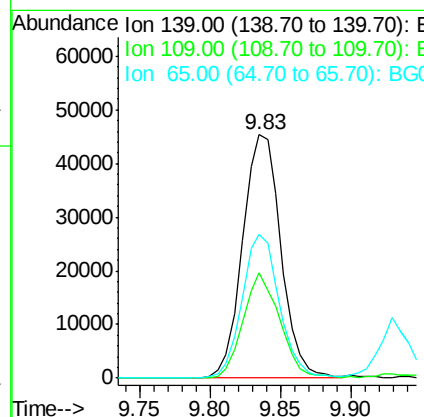
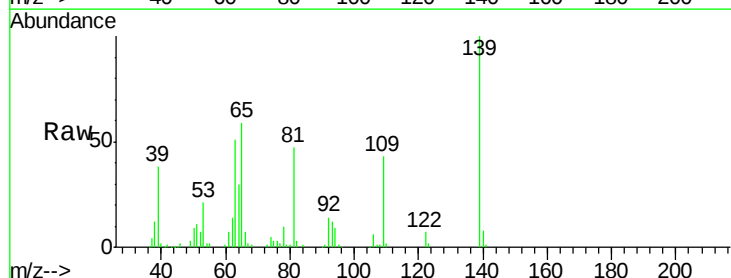
RT: 9.83 min Scan# 1148

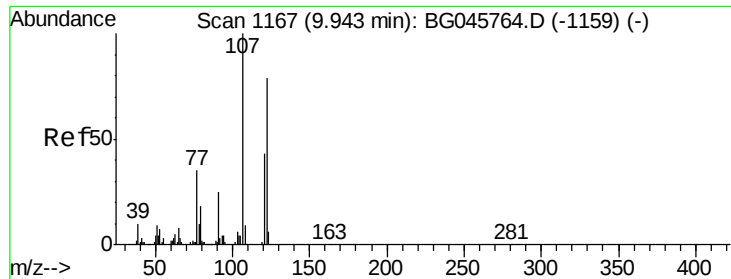
Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	139	Resp:	86285
Ion Ratio	Lower	Upper	
139	100		
109	43.2	33.5	50.3
65	58.9	42.2	63.4





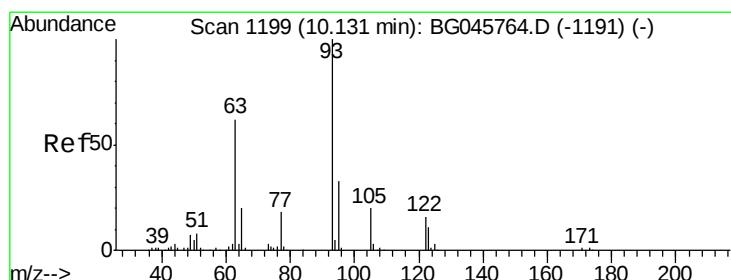
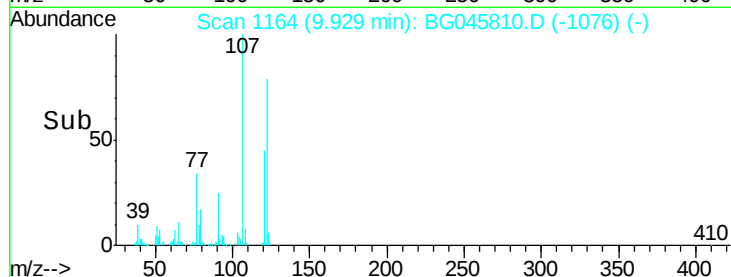
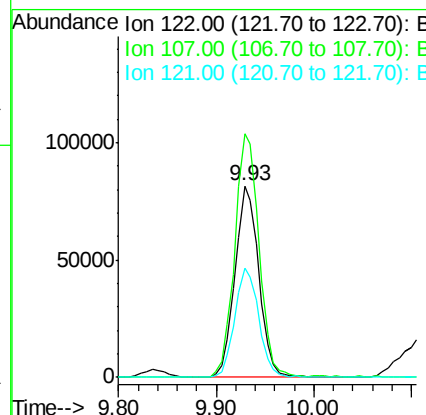
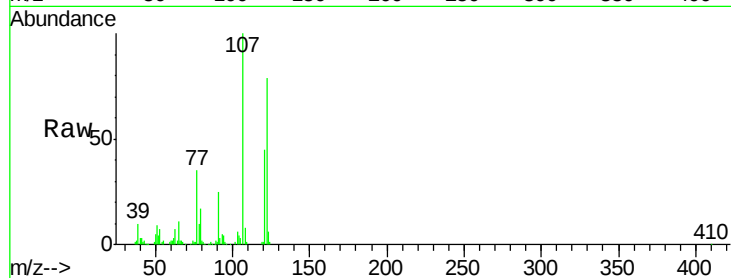
#27
2,4-Dimethylphenol
Concen: 46.906 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampled :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	127.1	101.3	151.9	
121	57.0	43.9	65.9	

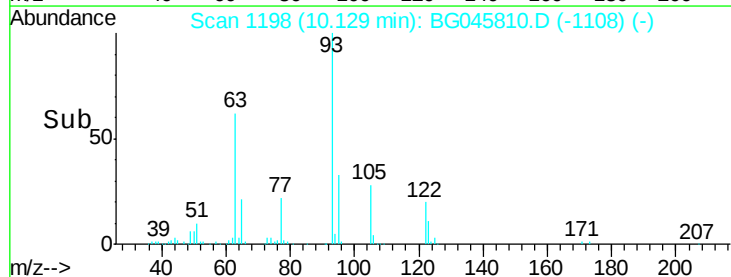
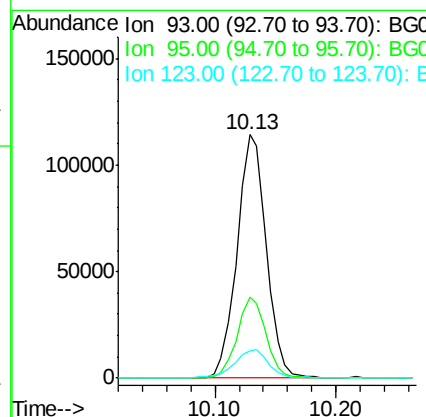
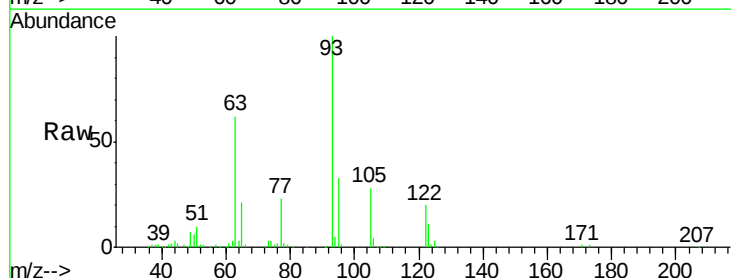
Manual Integrations
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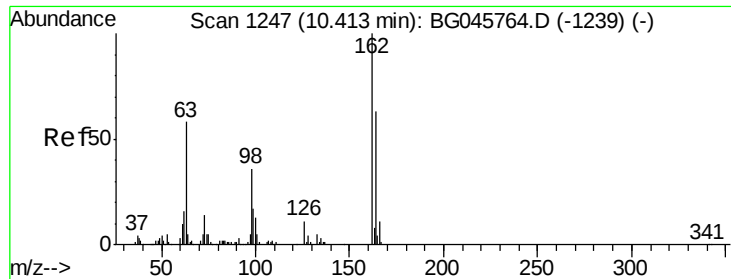
mohammad
6/22/2020 3:24:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.824 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	26.3	39.5	
123	11.0	9.3	13.9	





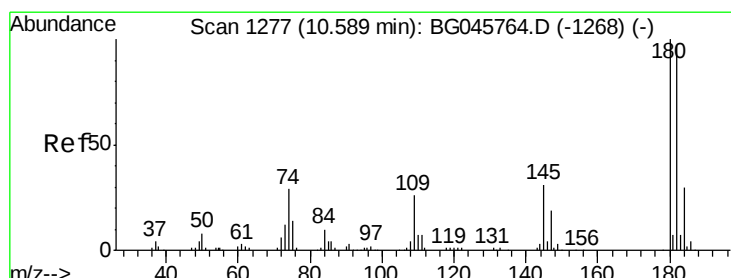
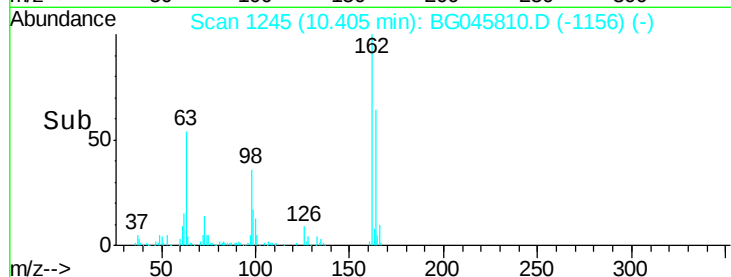
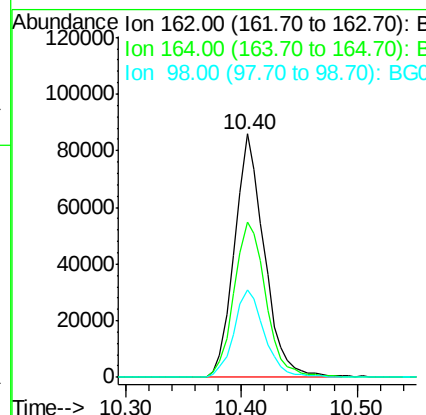
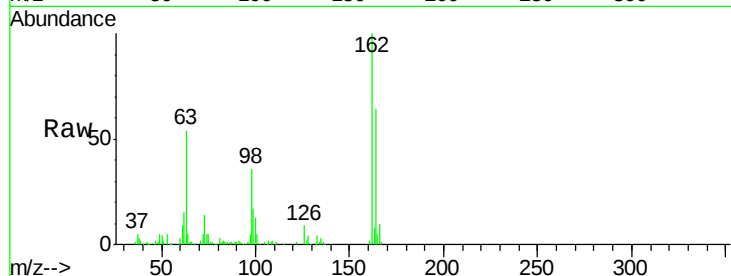
#29
2,4-Dichlorophenol
Concen: 44.761 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	153843		
164	64.0	43.3	83.3	
98	35.9	15.5	55.5	

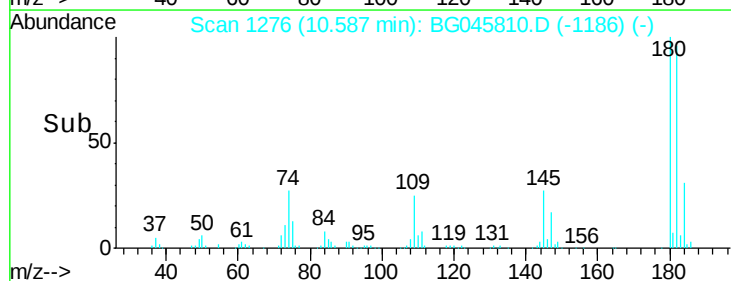
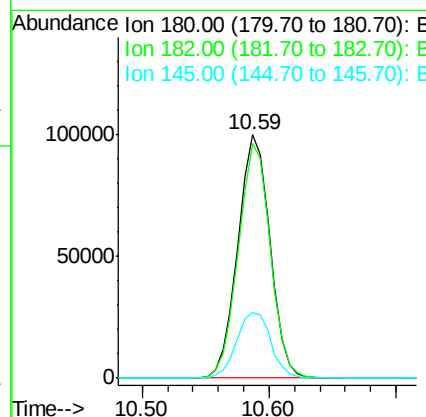
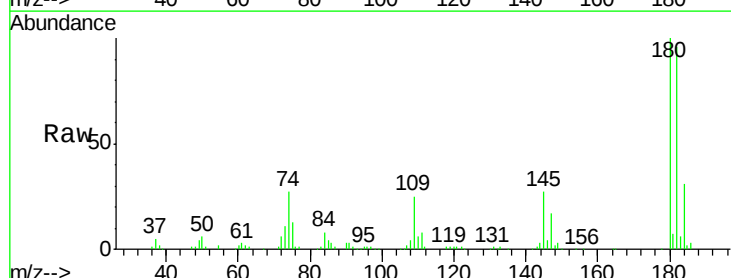
Manual Integrations
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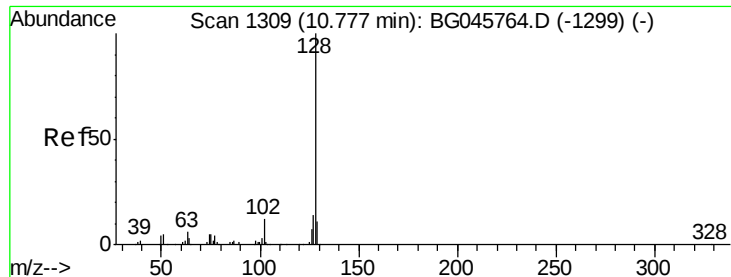
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.949 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174754		
182	96.4	77.8	116.6	
145	27.2	24.5	36.7	





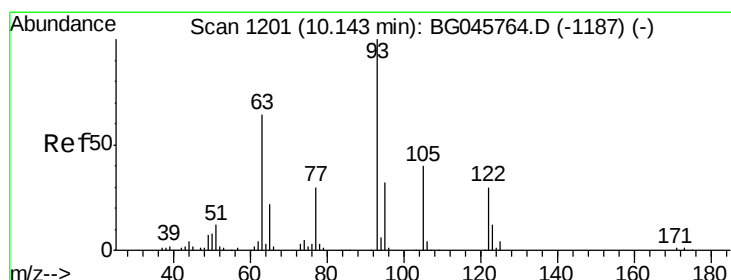
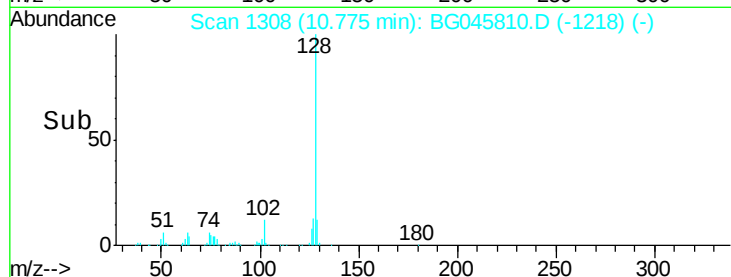
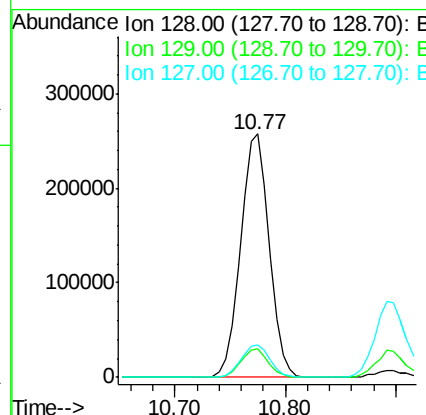
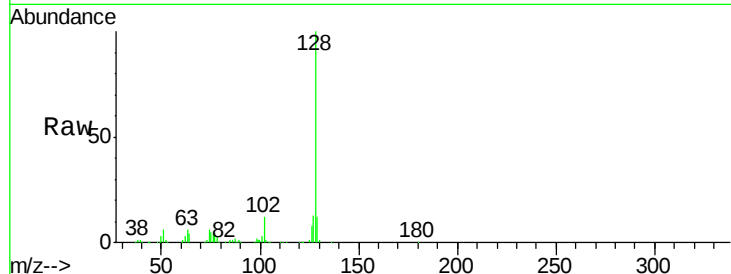
#31
Naphthalene
Concen: 43.043 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.6	13.0	
127	13.1	10.9	16.3	

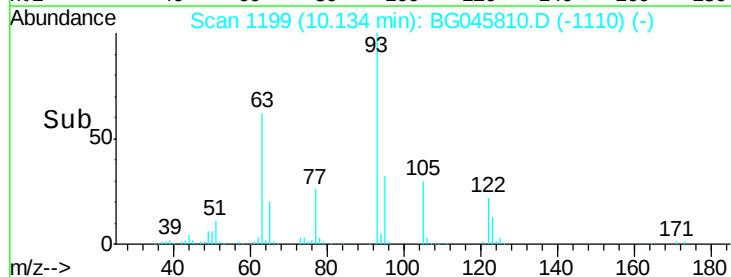
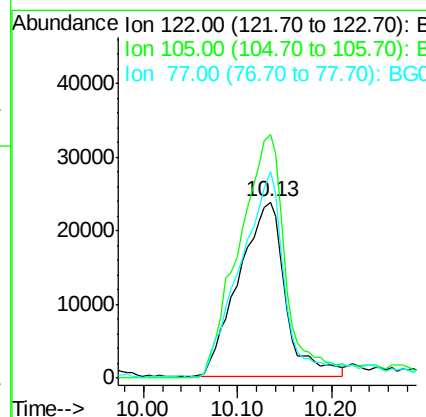
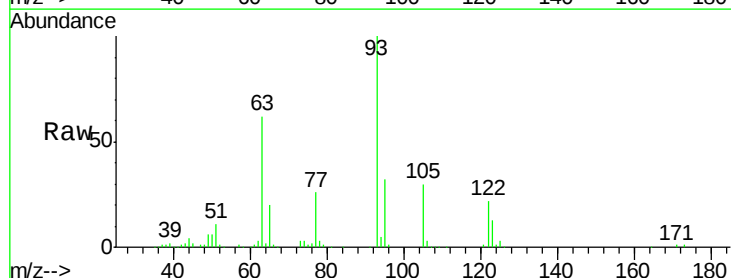
Manual Integrations
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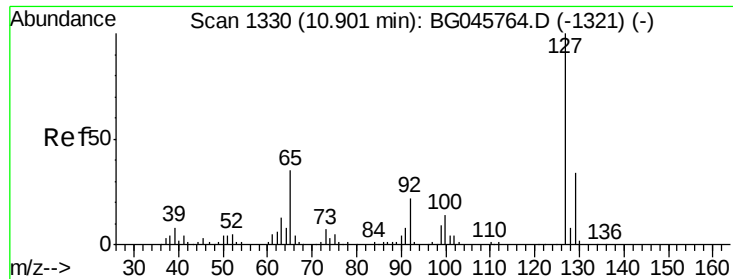
mohammad
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#32
Benzoic acid
Concen: 44.184 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	138.4	112.9	152.9	
77	117.5	79.2	119.2	





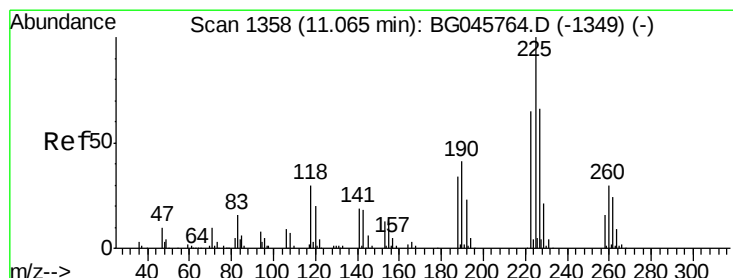
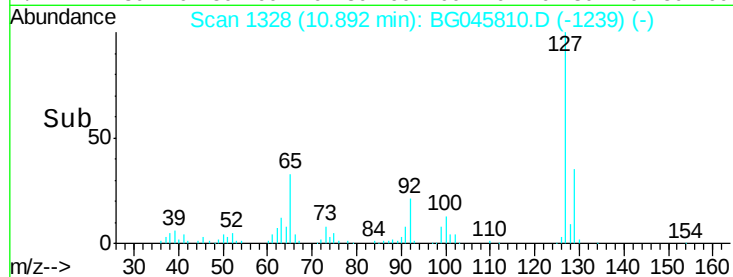
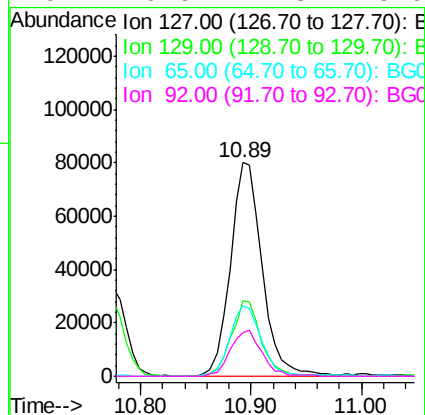
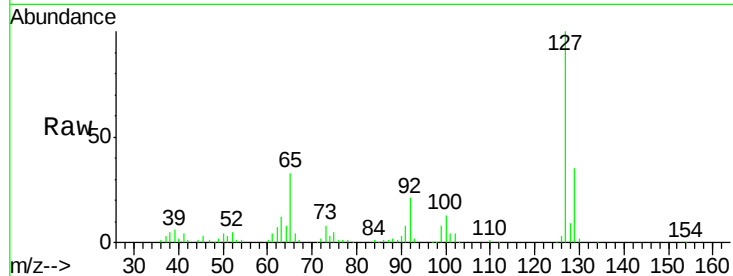
#33
4-Chloroaniline
Concen: 35.487 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.8	40.2
65	33.0	27.8	41.8
92	20.6	17.3	25.9

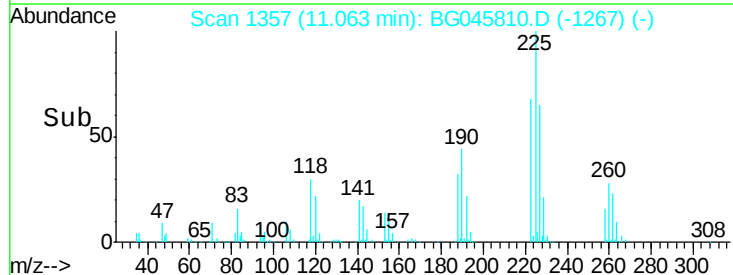
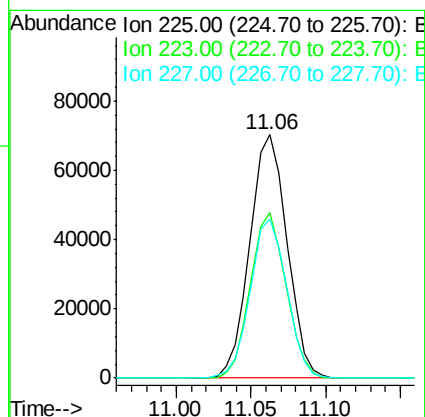
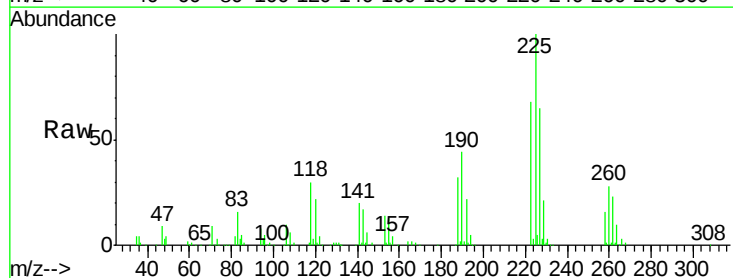
Manual Integrations
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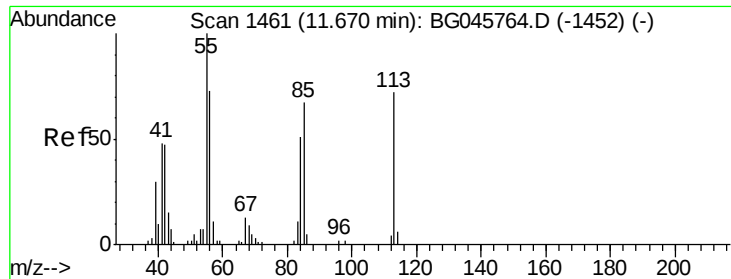
mohammad
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#34
Hexachlorobutadiene
Concen: 41.927 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.0	52.0	78.0
227	65.4	52.5	78.7





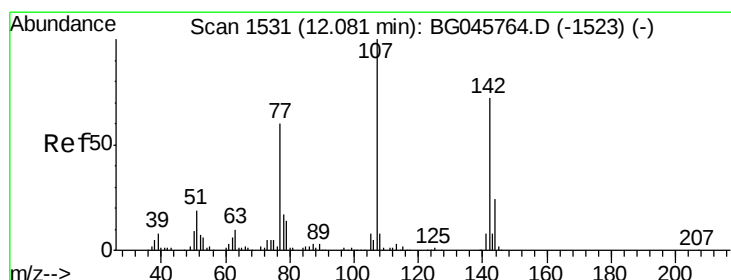
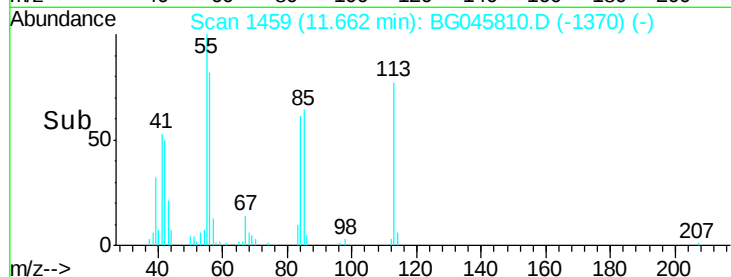
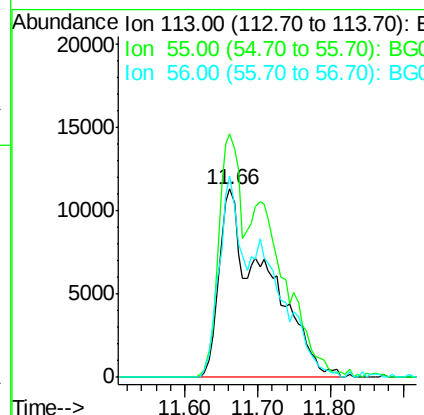
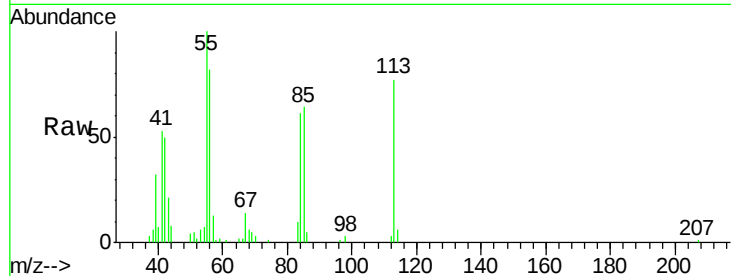
#35
 Caprolactam
 Concen: 45.847 ng/ml
 RT: 11.66 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.2	119.7	159.7
56	106.5	82.5	122.5

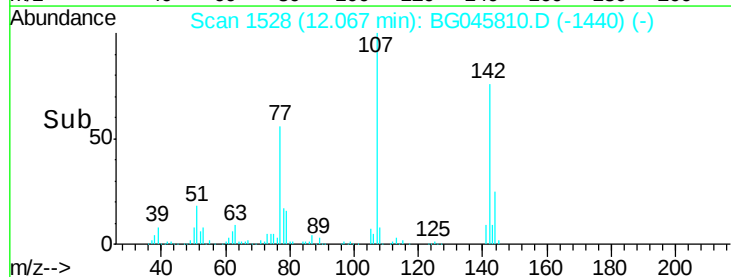
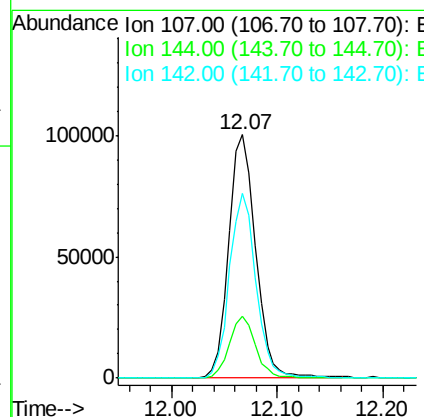
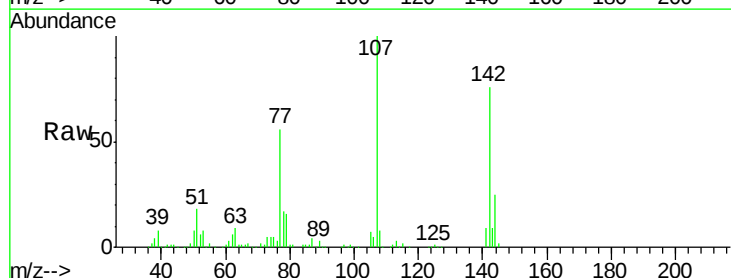
Manual Integrations
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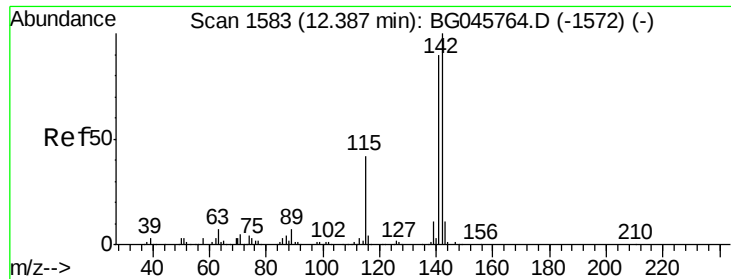
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.714 ng/ml
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.5	29.3
142	75.7	57.4	86.0





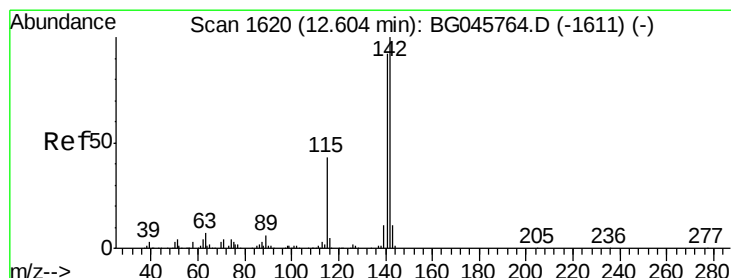
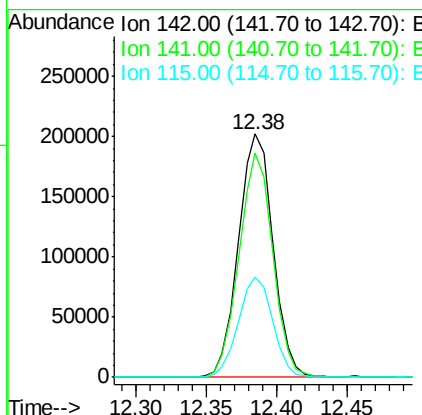
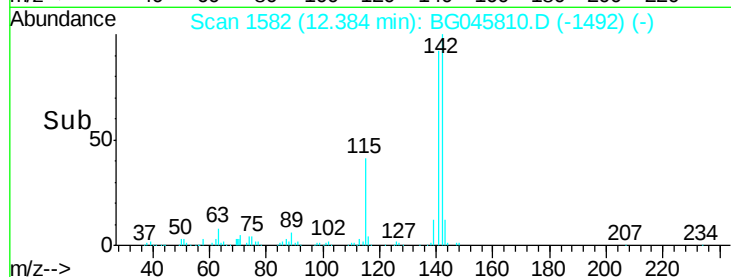
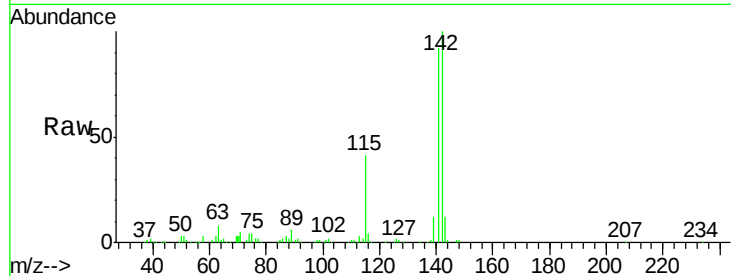
#37
 2-Methylnaphthalene
 Concen: 42.966 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.7	107.5
115	40.9	33.8	50.6

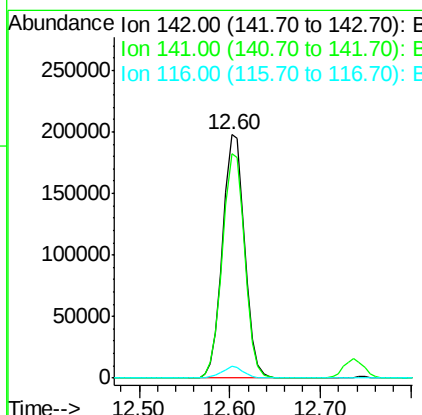
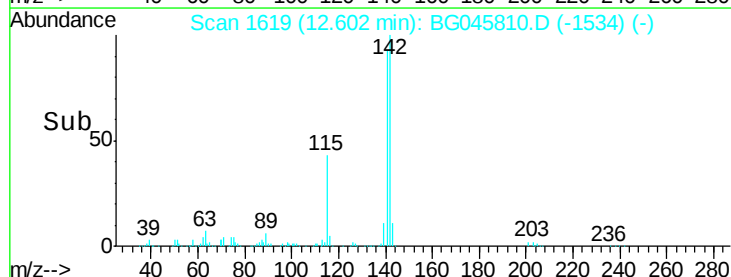
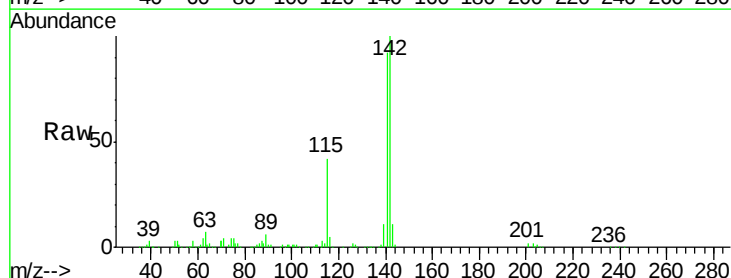
Manual Integrations
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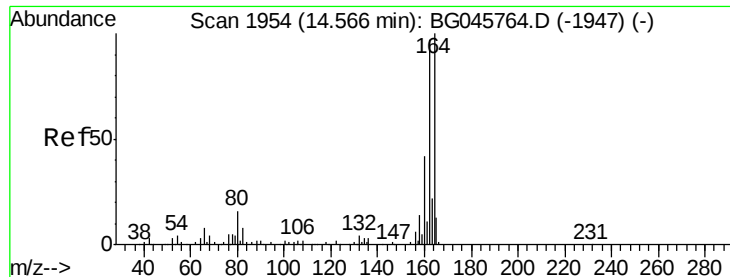
mohammad
 6/22/2020 3:24:06 PM



#38
 1-Methylnaphthalene
 Concen: 43.617 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	4.8	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

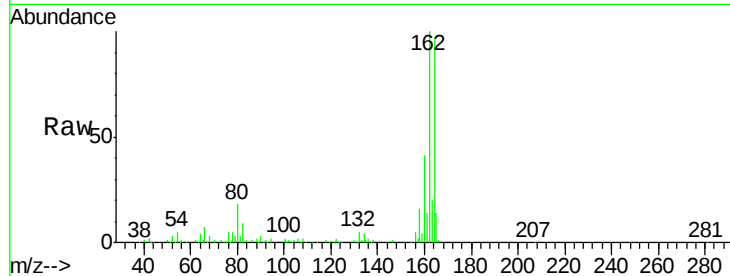
ClientSampleId :

PB129631BSD

Tot Ion:	164	Resp:	138534
Ion Ratio	Lower	Upper	
164	100		
162	103.0	77.4	116.0
160	42.4	33.3	49.9

Manual Integrations
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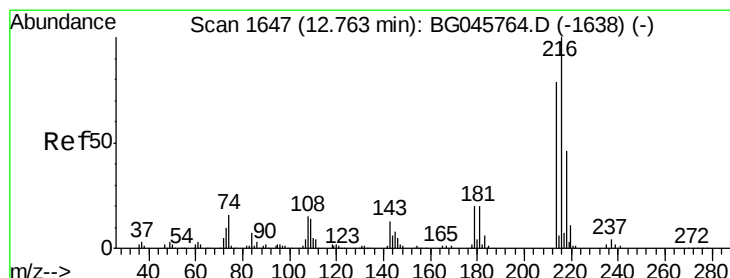
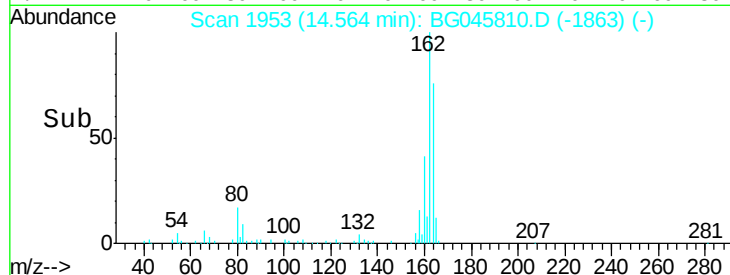
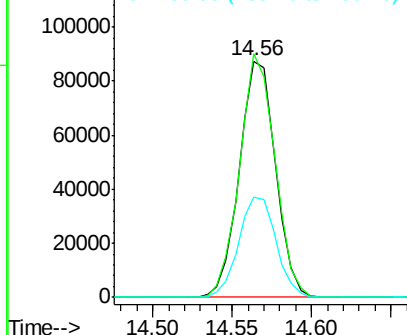


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.093 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	216	Resp:	196571
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.8	94.2
179	20.3	16.2	24.4
108	19.2	13.4	20.2

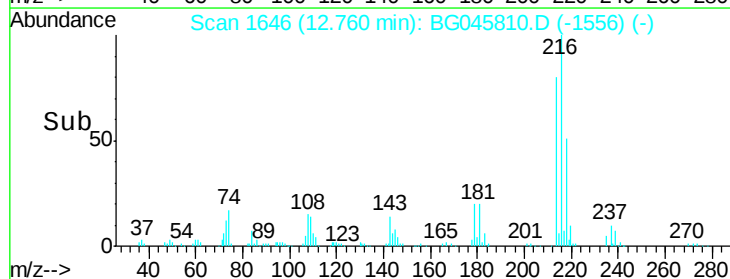
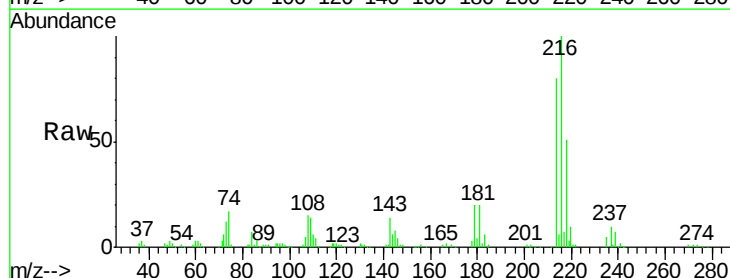
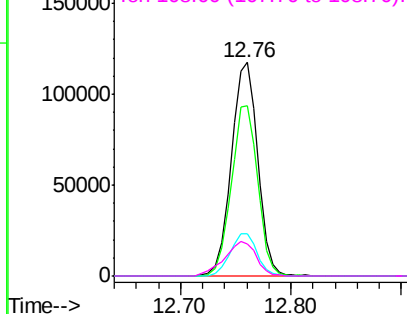
Abundance

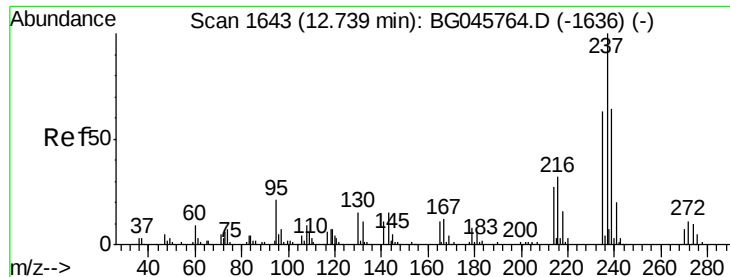
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.334 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

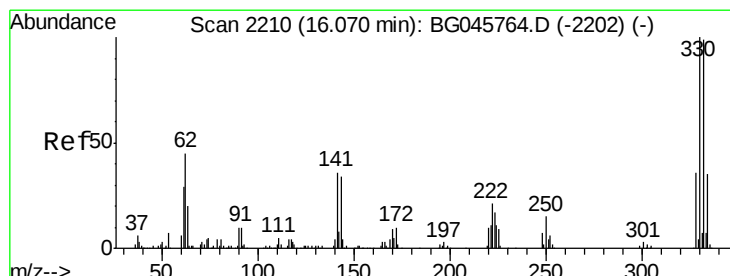
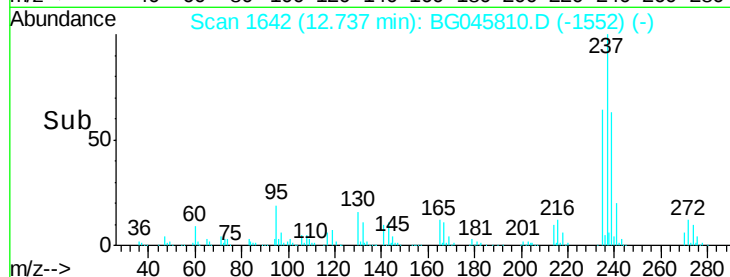
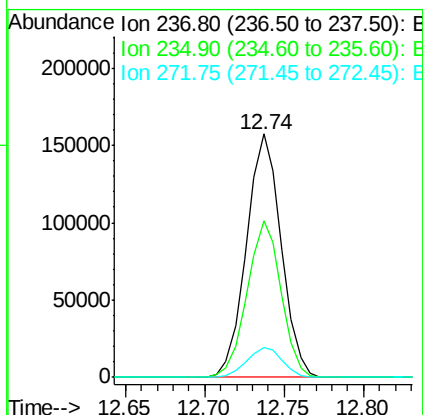
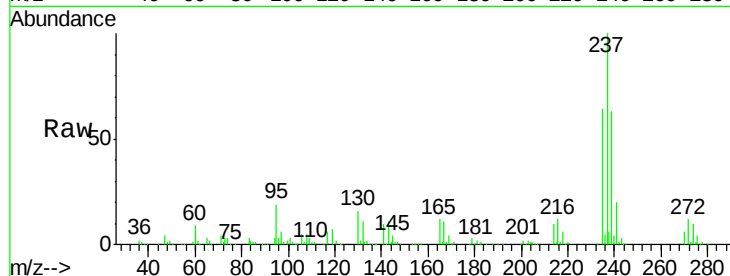
ClientSampleId :

PB129631BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.2		42.9	82.9	
272	12.1		0.0	30.9	

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 130.204 ng

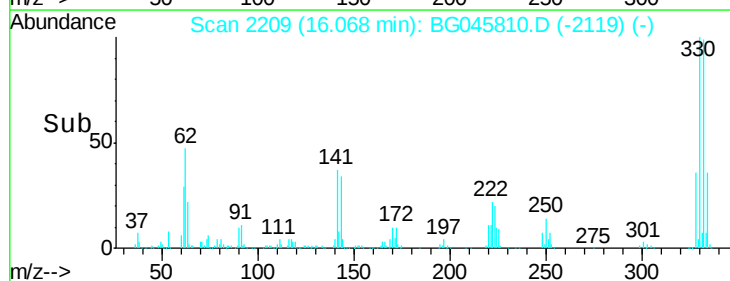
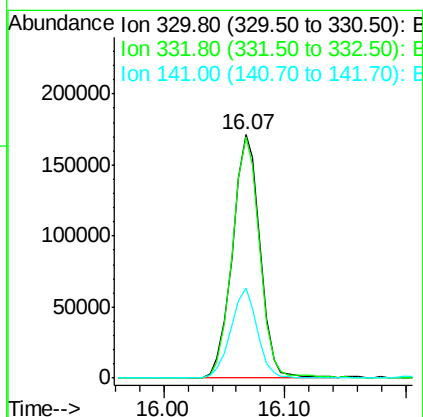
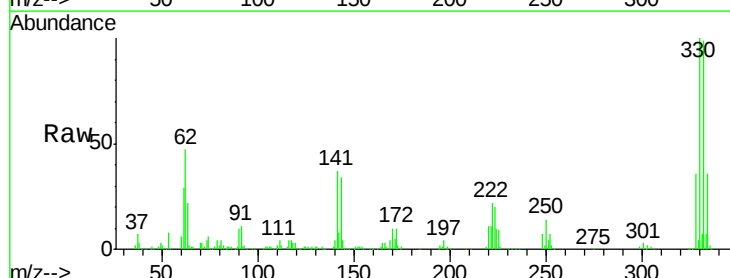
RT: 16.07 min Scan# 2209

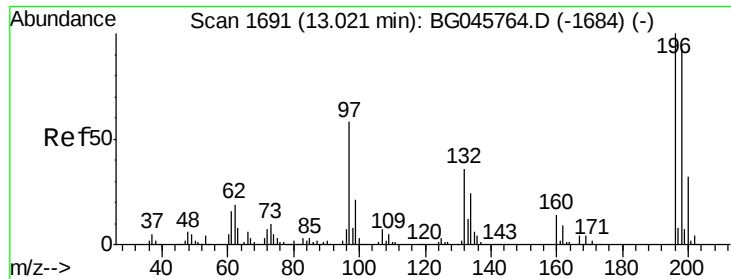
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	98.2		78.6	117.8	
141	35.7		28.2	42.4	





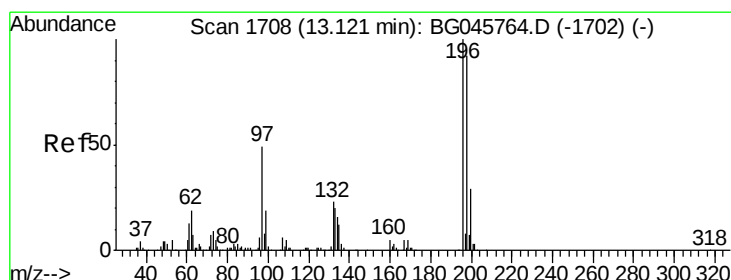
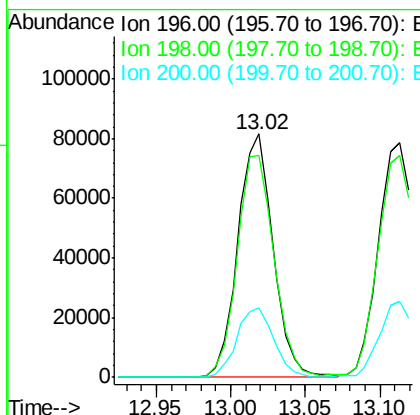
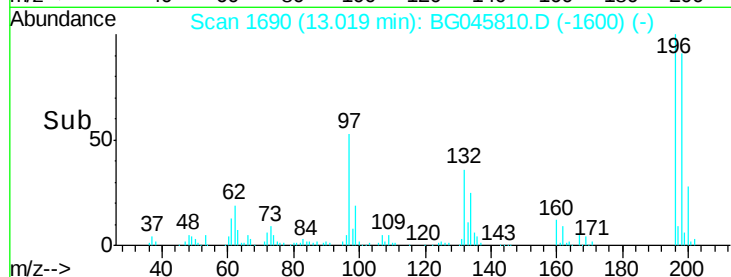
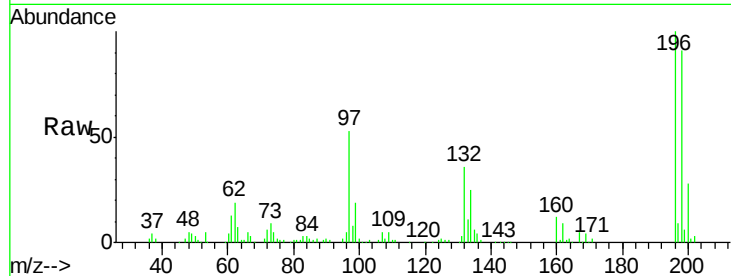
#43
 2,4,6-Trichlorophenol
 Concen: 43.195 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampled :
 PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133592		
198	91.1	74.4	111.6	
200	28.4	25.4	38.2	

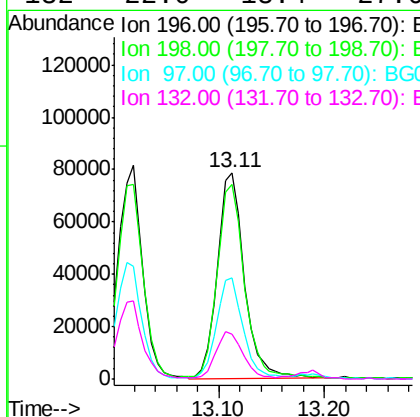
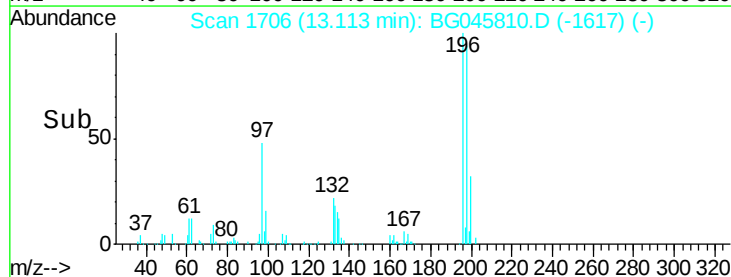
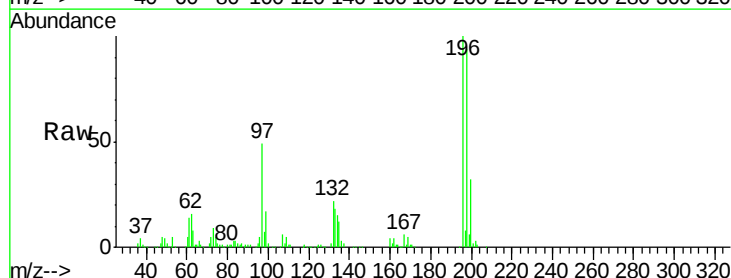
Manual Integrations
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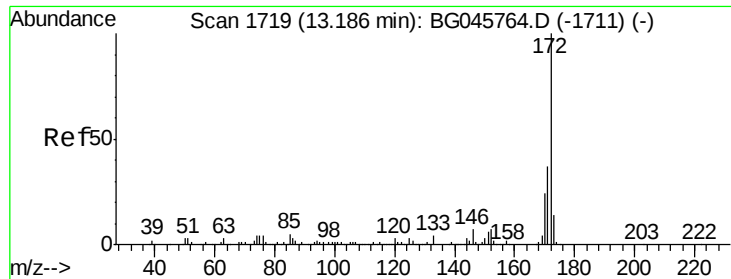
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.800 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140290		
198	94.3	74.0	111.0	
97	49.0	39.0	58.6	
132	22.0	18.4	27.6	





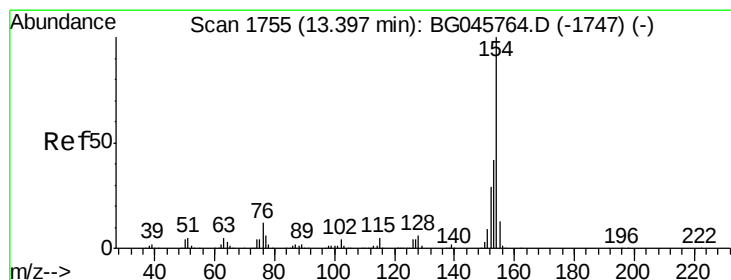
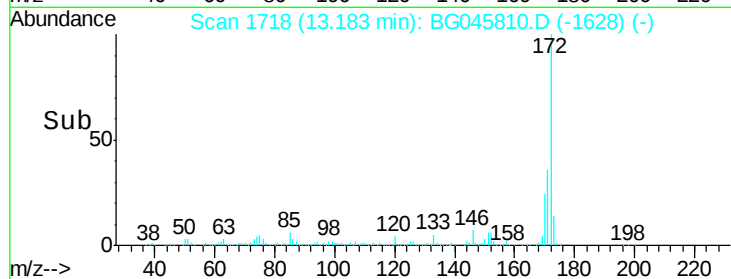
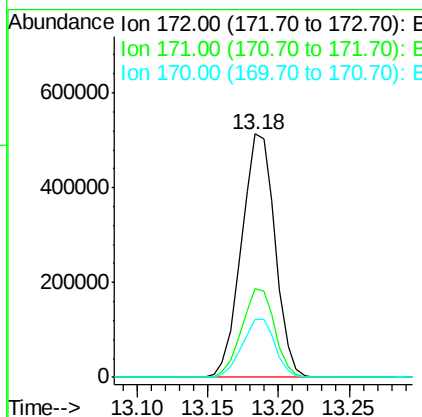
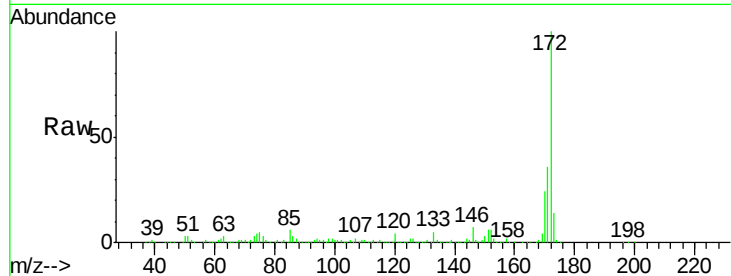
#45
2-Fluorobiphenyl
Concen: 90.525 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.1	19.3	28.9

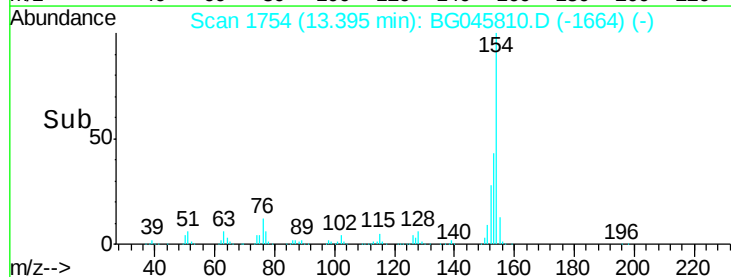
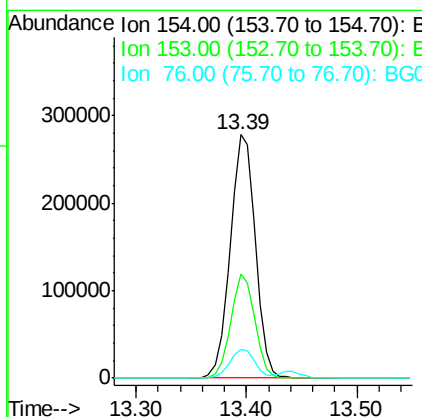
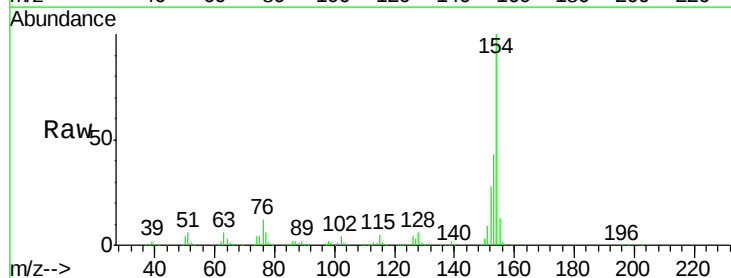
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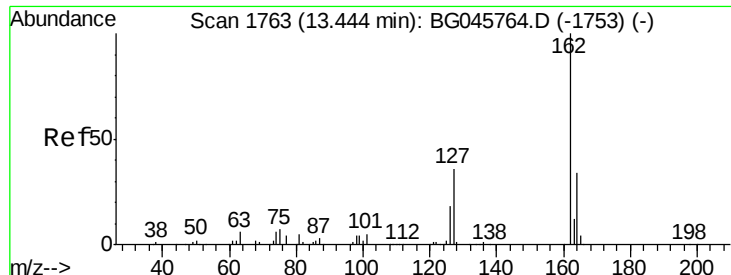
mohammad
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#46
1,1'-Biphenyl
Concen: 44.710 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.7	61.7
76	11.9	0.0	32.0





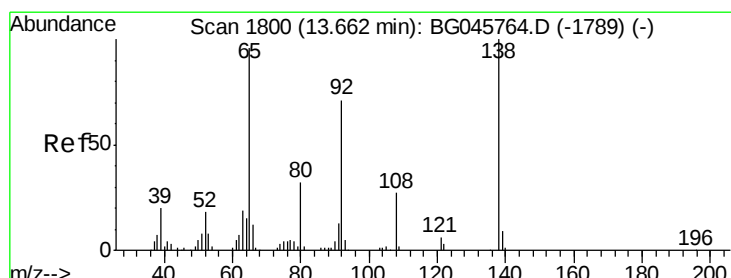
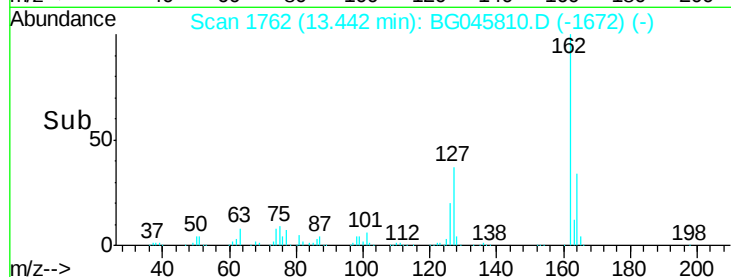
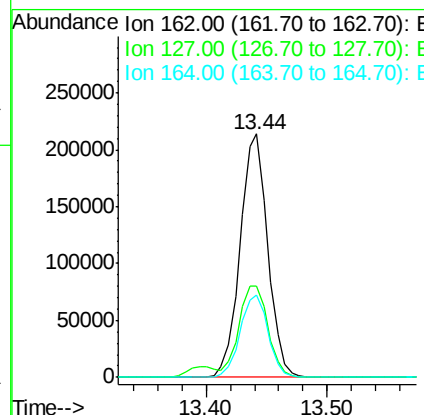
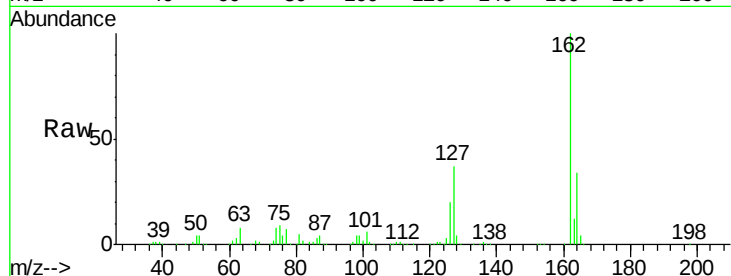
#47
2-Chloronaphthalene
Concen: 42.577 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	341118		
127	37.3	30.5	45.7	
164	33.7	27.2	40.8	

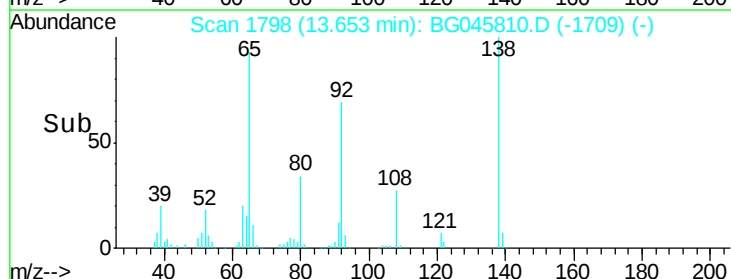
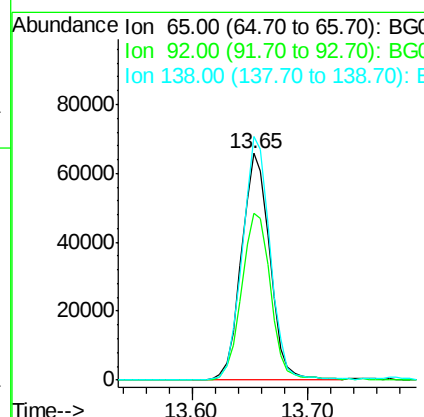
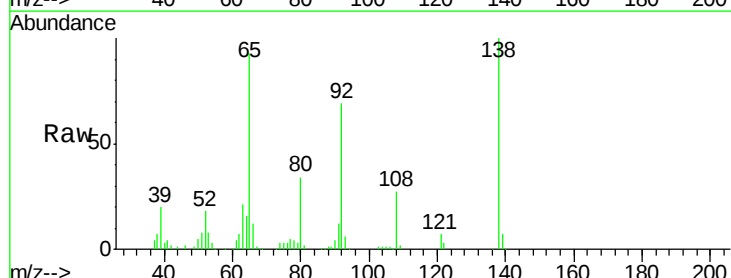
Manual Integrations
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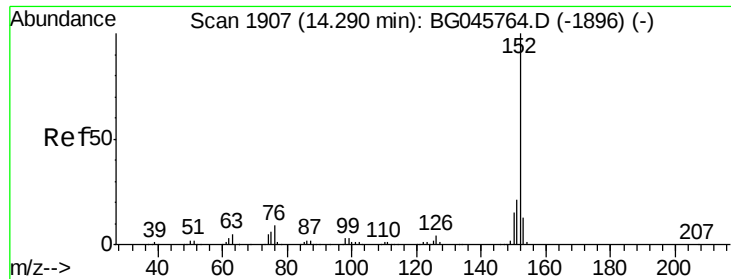
mohammad
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#48
2-Nitroaniline
Concen: 42.093 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	112179		
92	73.7	59.0	88.6	
138	107.3	83.6	125.4	





#49

Acenaphthylene

Concen: 43.249 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

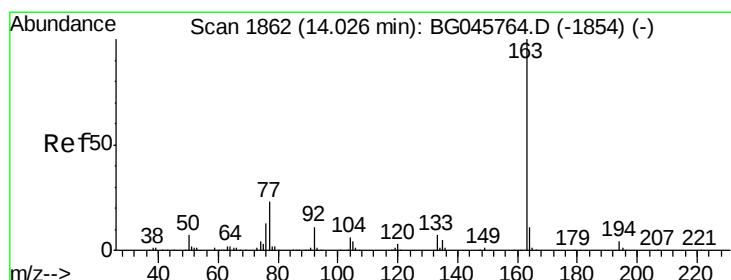
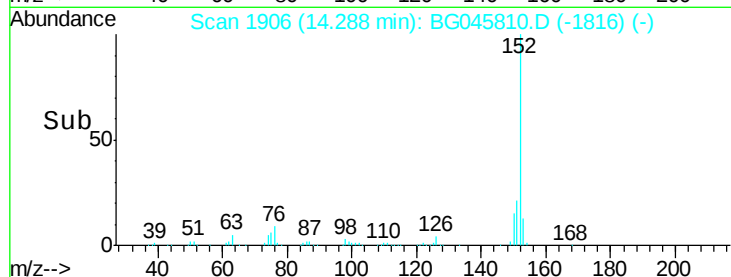
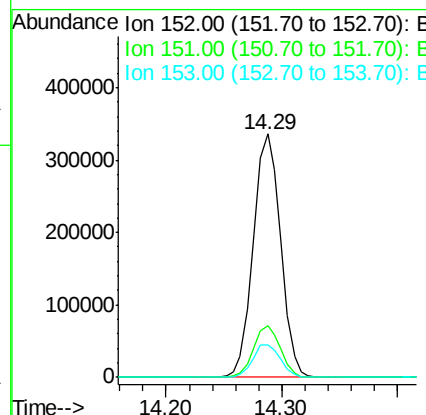
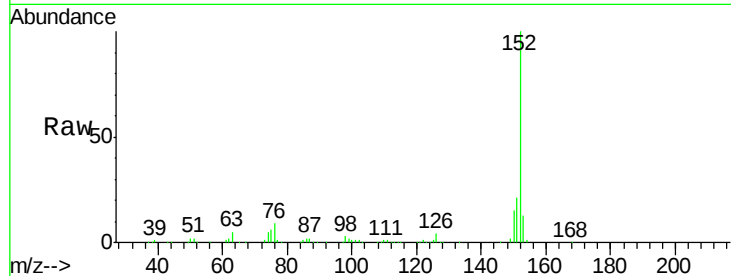
ClientSampleId :

PB129631BSD

Tot Ion:	152	Resp:	555012
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.5	10.6	15.8

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#50

Dimethylphthalate

Concen: 43.132 ng

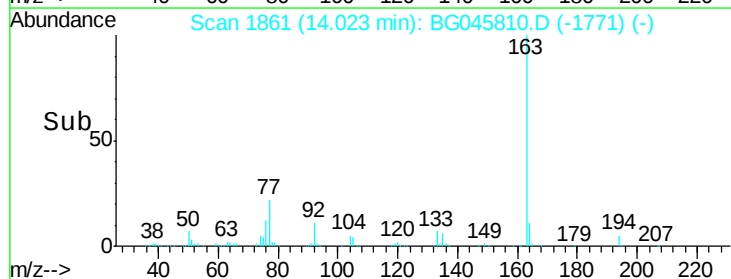
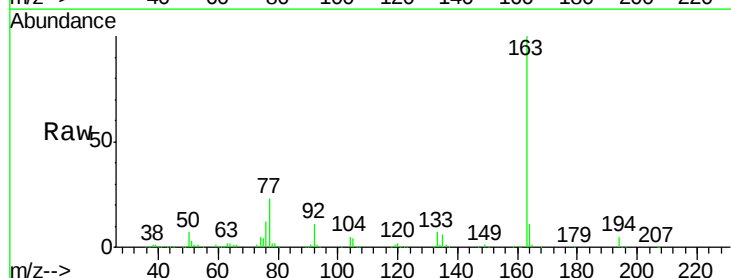
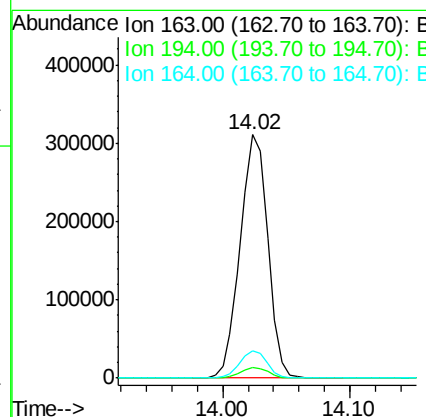
RT: 14.02 min Scan# 1861

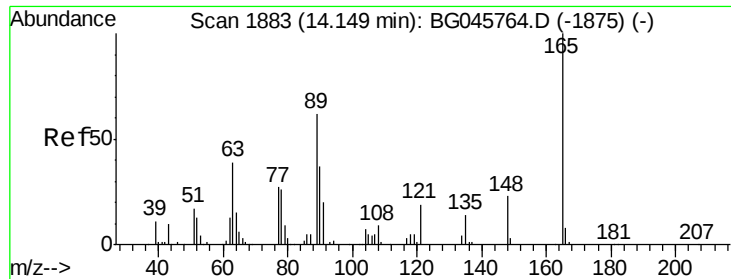
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	163	Resp:	468094
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	11.2	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 43.762 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

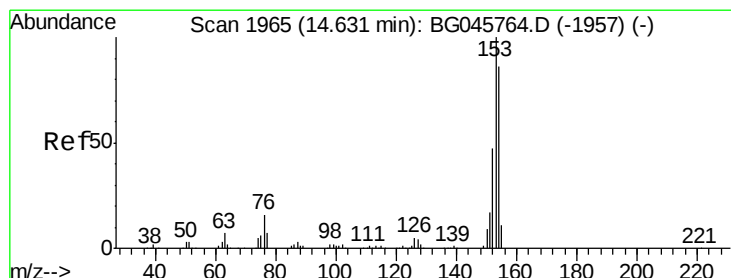
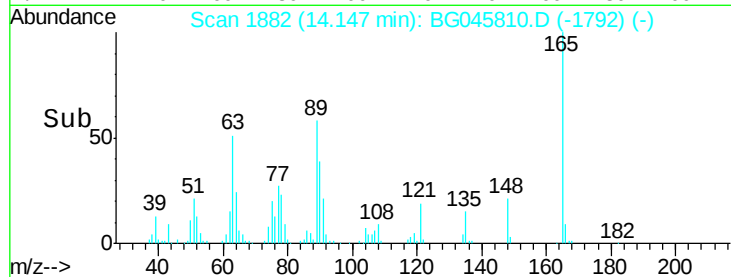
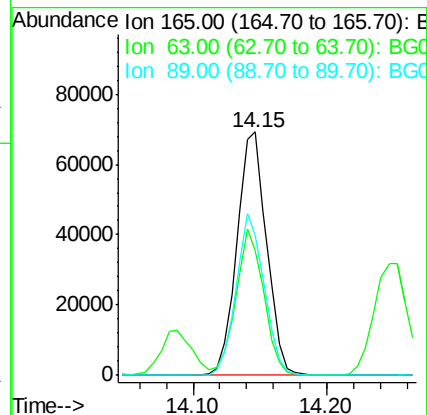
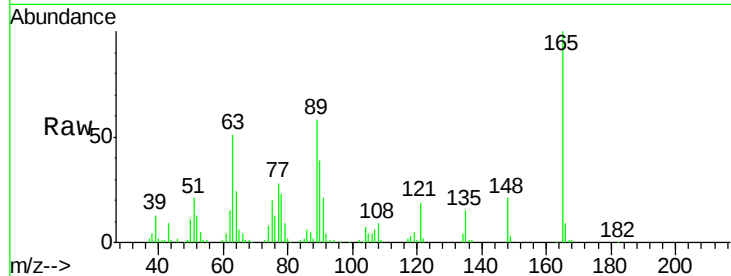
ClientSampleId :

PB129631BSD

Tot Ion:	165	Resp:	106672
Ion Ratio	Lower	Upper	
165	100		
63	51.1	41.2	61.8
89	57.6	49.7	74.5

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#52

Acenaphthene

Concen: 42.858 ng

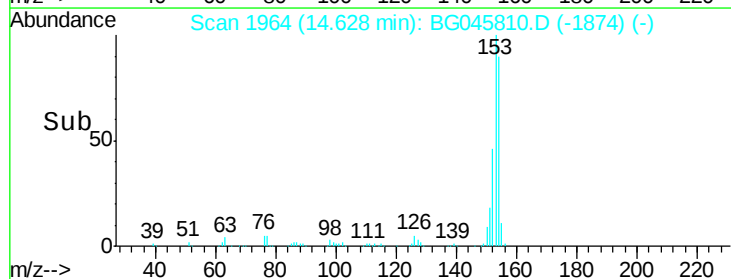
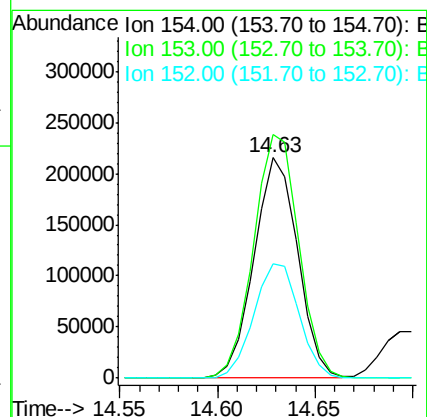
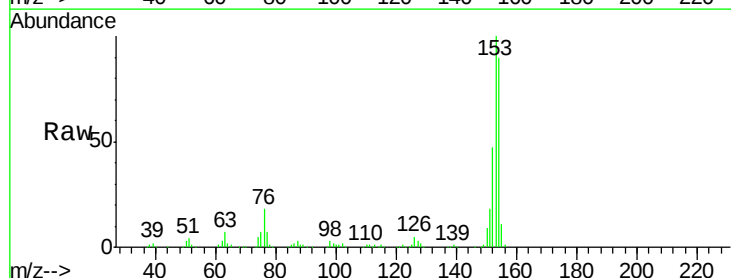
RT: 14.63 min Scan# 1964

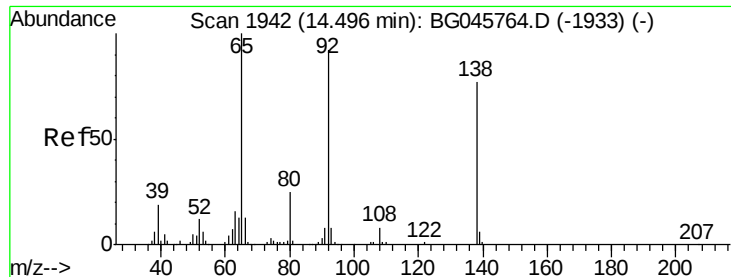
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	154	Resp:	333381
Ion Ratio	Lower	Upper	
154	100		
153	110.6	93.0	139.4
152	51.7	43.7	65.5





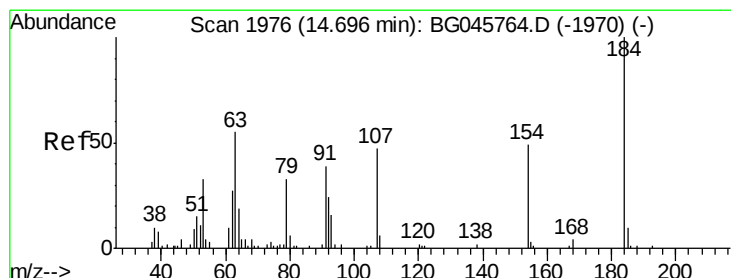
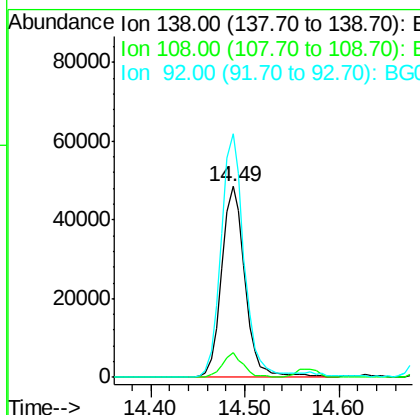
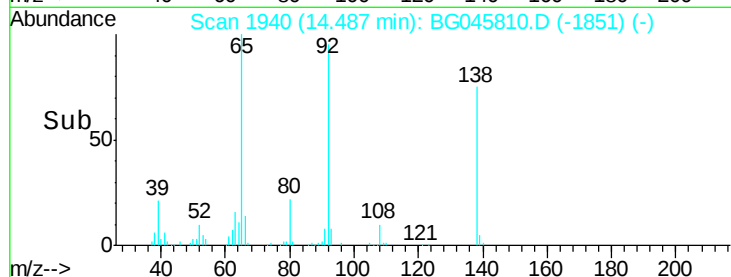
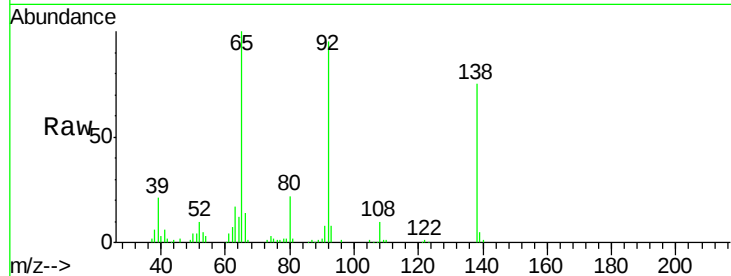
#53
3-Nitroaniline
Concen: 34.696 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.4	12.6#
92	127.7	95.6	143.4

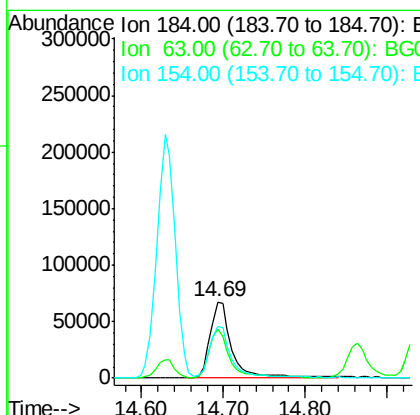
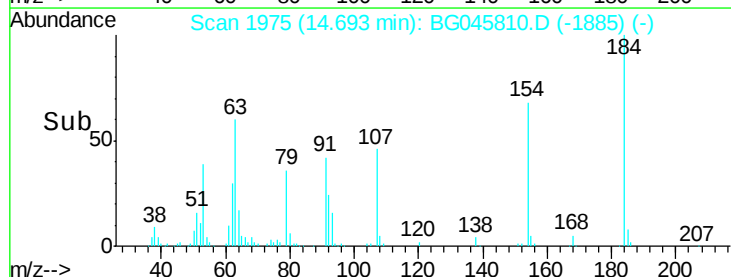
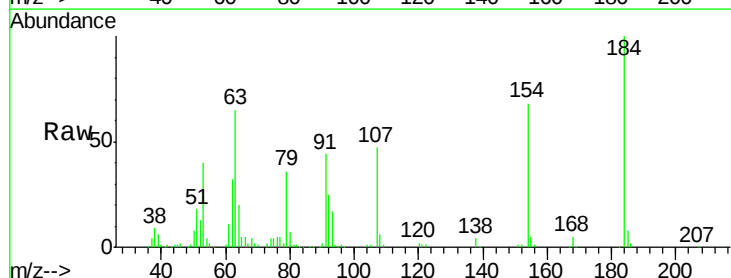
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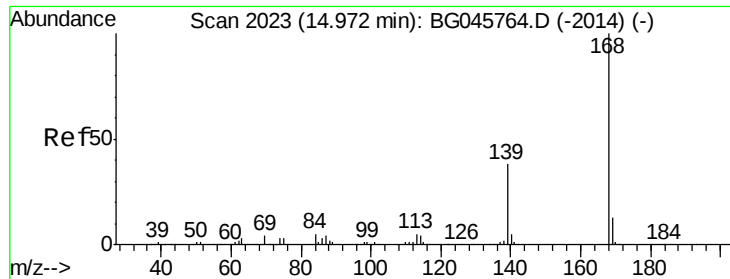
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#54
2,4-Dinitrophenol
Concen: 91.313 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	46.6	70.0
154	68.1	58.6	87.8





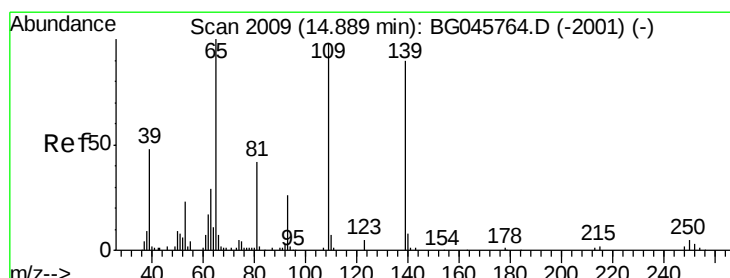
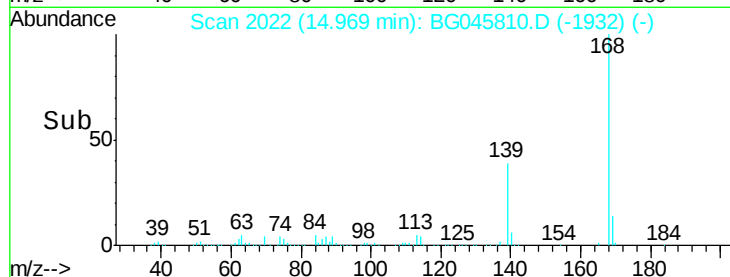
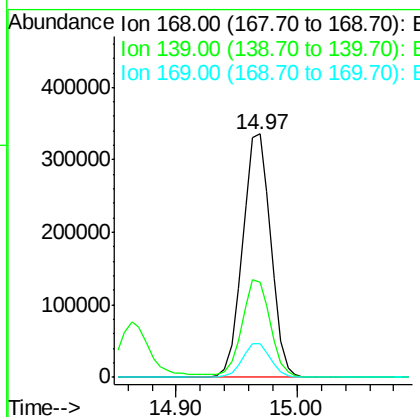
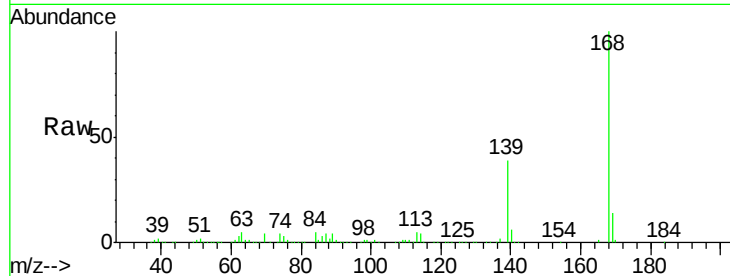
#55
Dibenzenofuran
Concen: 43.242 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	546421		
139	39.1		31.8	47.6
169	14.1		10.4	15.6

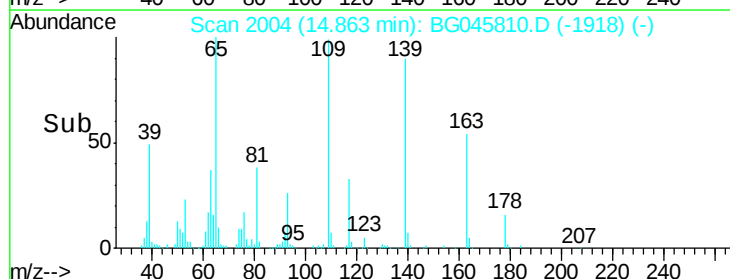
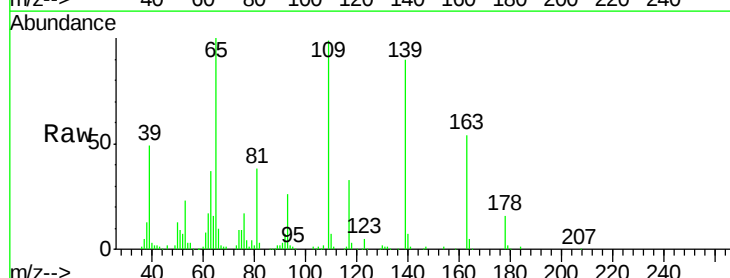
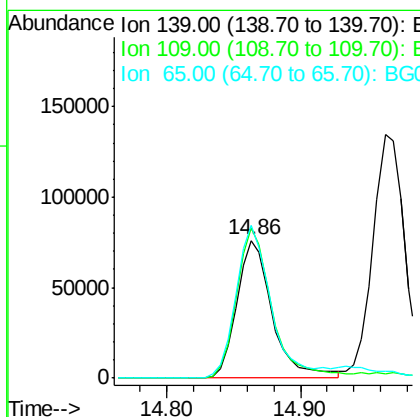
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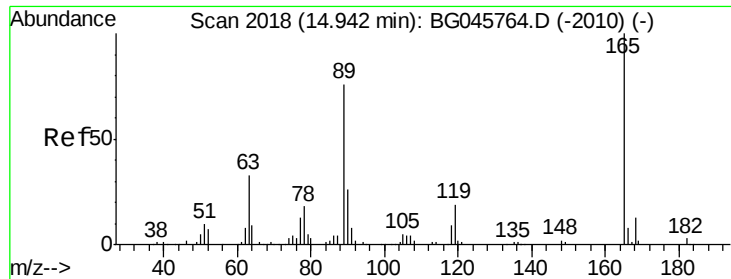
mohammad
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#56
4-Nitrophenol
Concen: 80.410 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140303		
109	109.5		88.9	128.9
65	110.6		92.3	132.3





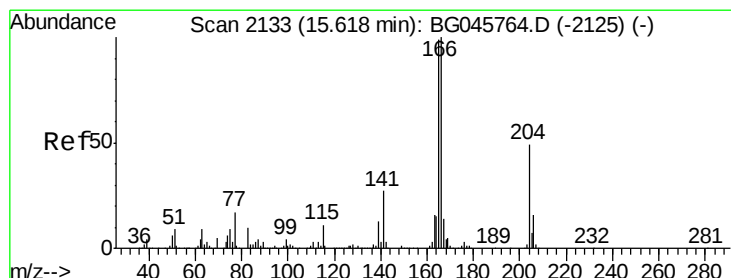
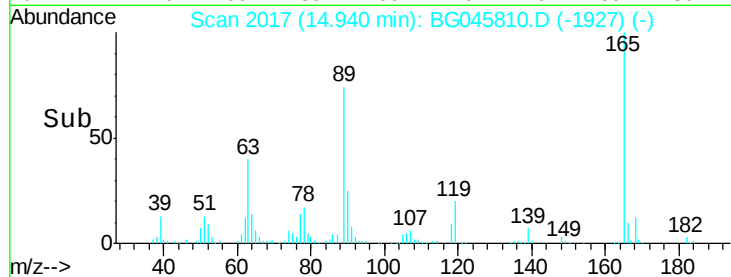
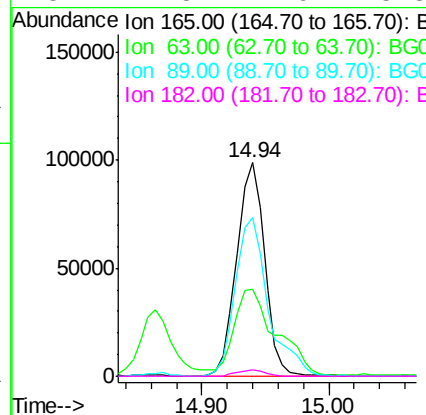
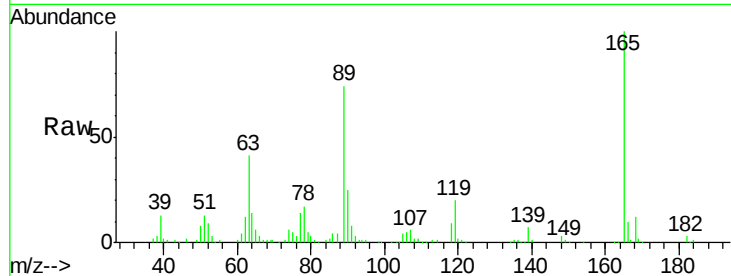
#57
2,4-Dinitrotoluene
Concen: 43.230 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.7	33.8	50.8
89	74.3	60.4	90.6
182	2.8	2.6	3.8

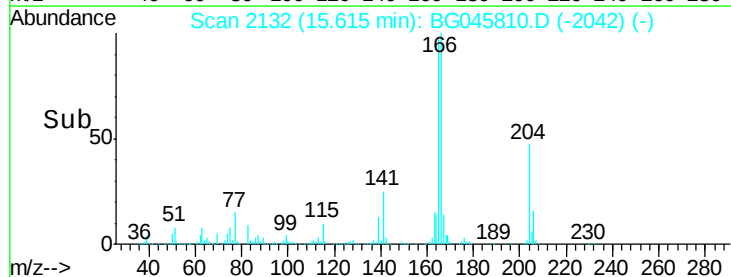
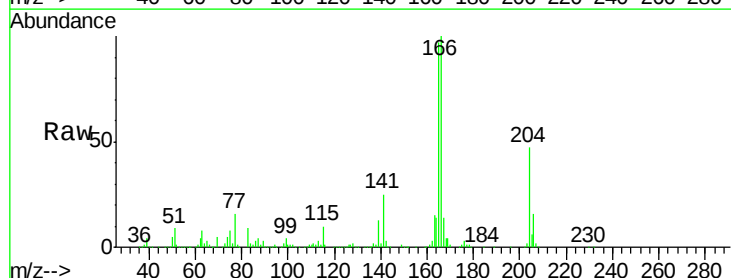
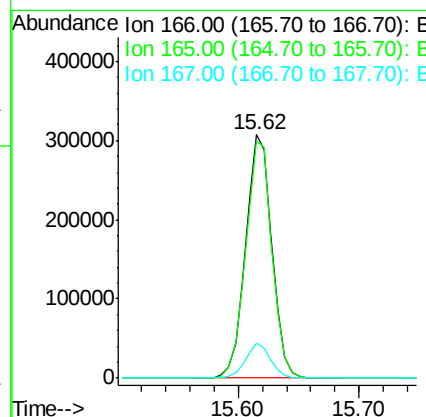
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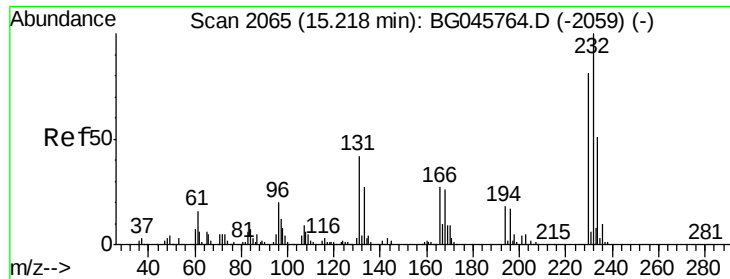
mohammad
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#58
Fluorene
Concen: 44.137 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.3	79.1	118.7
167	14.2	11.5	17.3





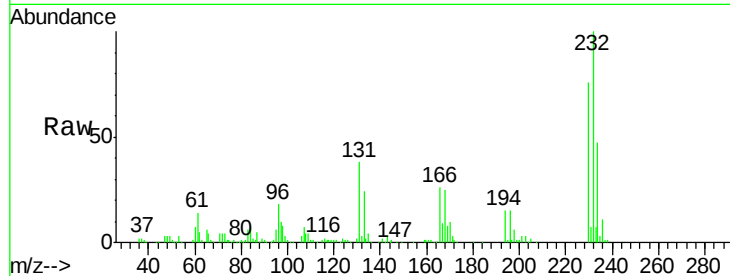
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.913 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

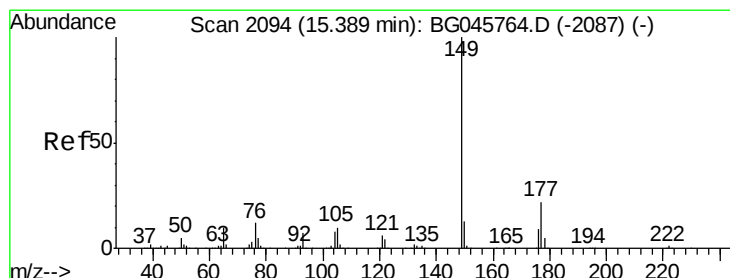
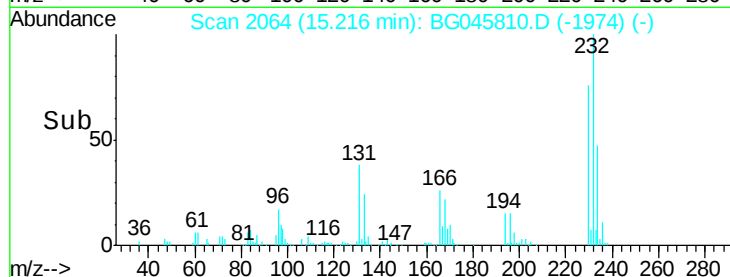
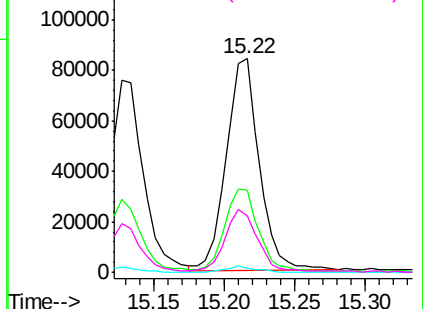
Tot Ion	Ratio	Resp	Lower	Upper
232	100	137404		
131	40.9	32.2	48.2	
130	2.7	2.2	3.4	
166	28.2	21.3	31.9	

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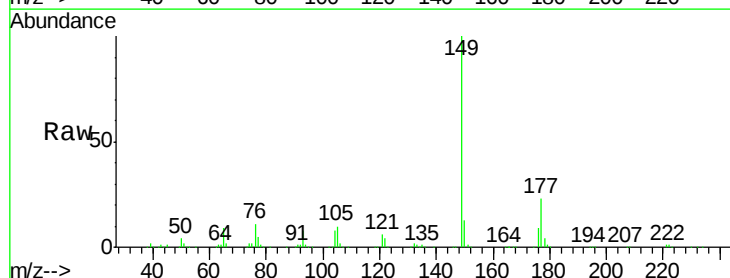


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

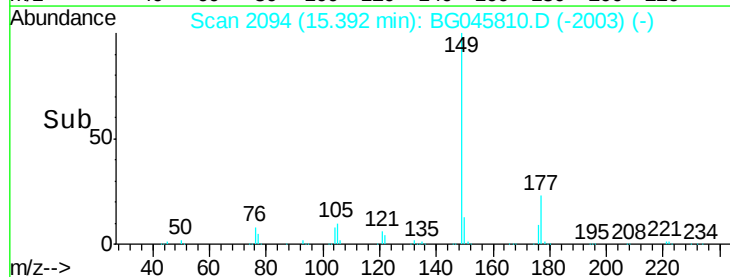
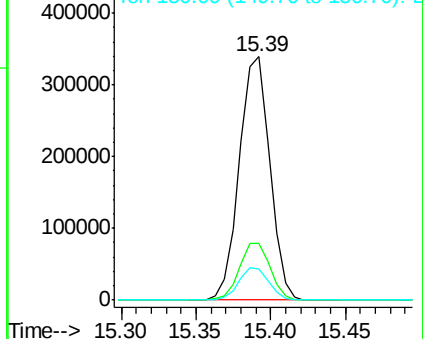


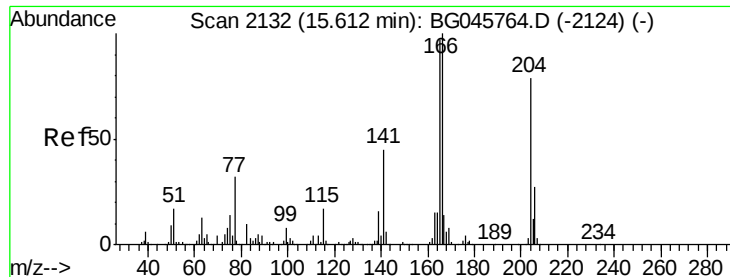
#60
 Diethylphthalate
 Concen: 43.452 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	482078		
177	23.3	17.2	25.8	
150	12.8	10.7	16.1	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





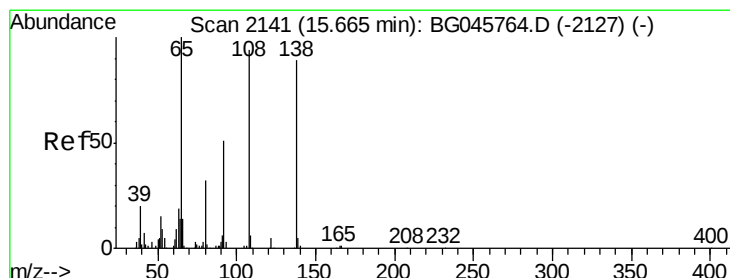
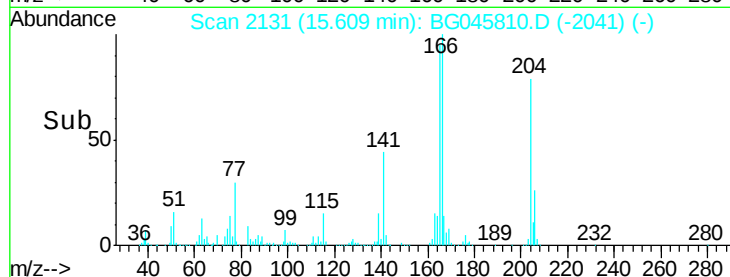
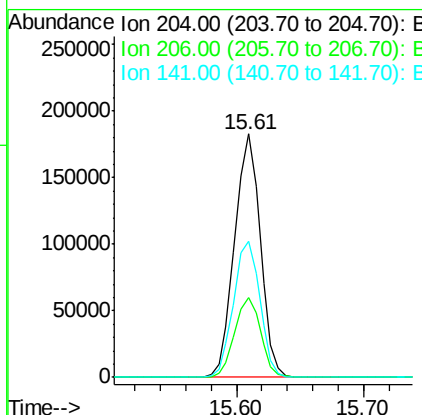
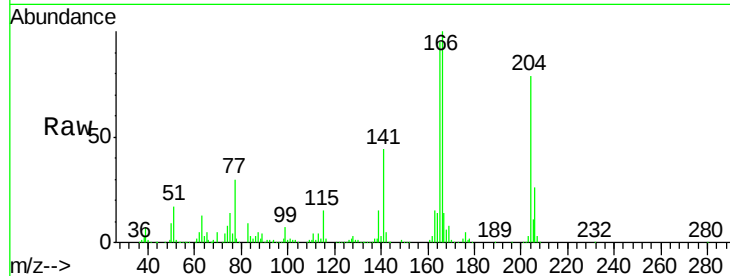
#61
4-Chlorophenyl-phenylether
Concen: 42.231 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.8	27.2	40.8	
141	56.0	45.9	68.9	

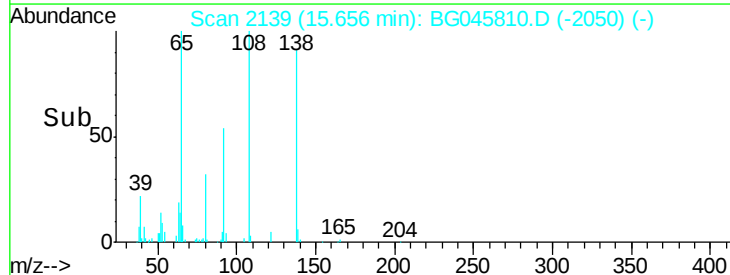
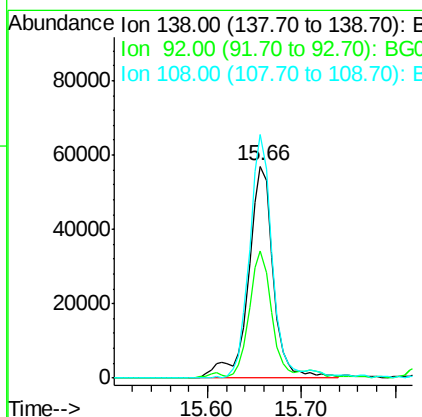
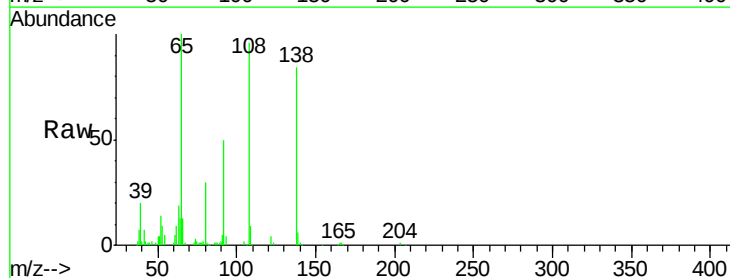
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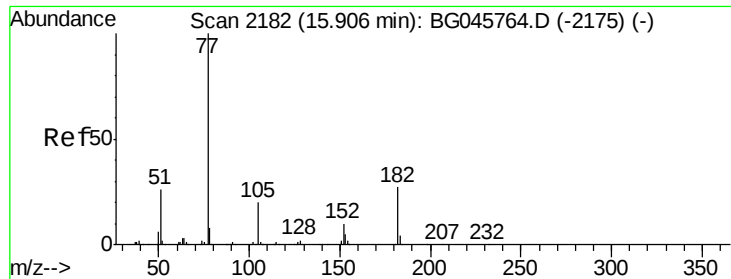
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#62
4-Nitroaniline
Concen: 41.951 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.9	37.3	77.3	
108	114.7	85.0	125.0	





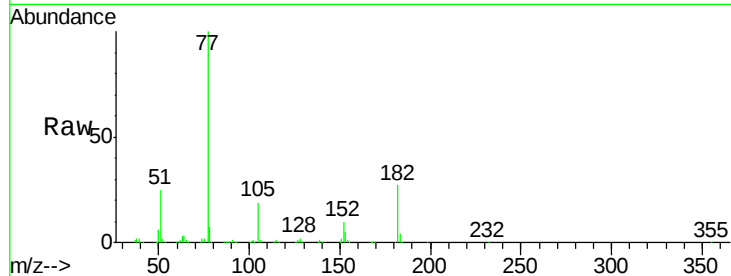
#63
Azobenzene
Concen: 43.508 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

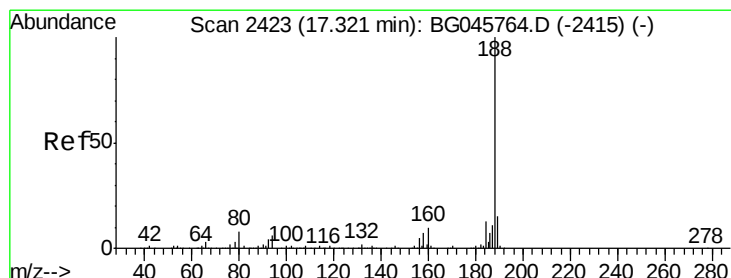
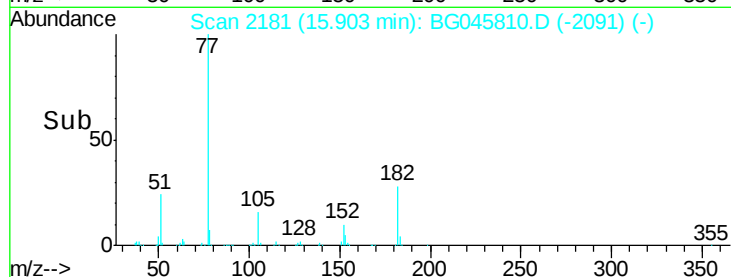
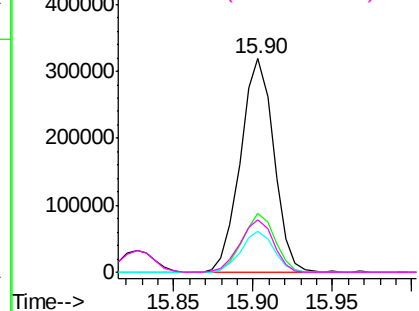
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		463476		
182	27.4	7.4	47.4		
105	19.4	0.1	40.1		
51	24.6	5.7	45.7		

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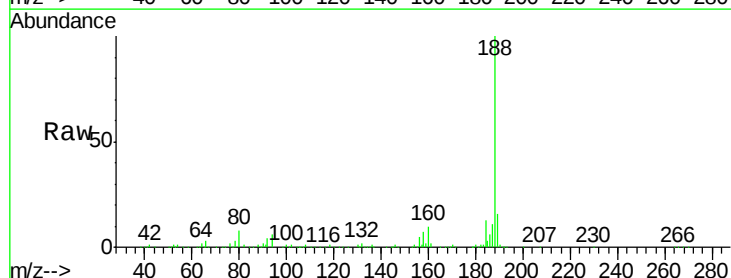


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

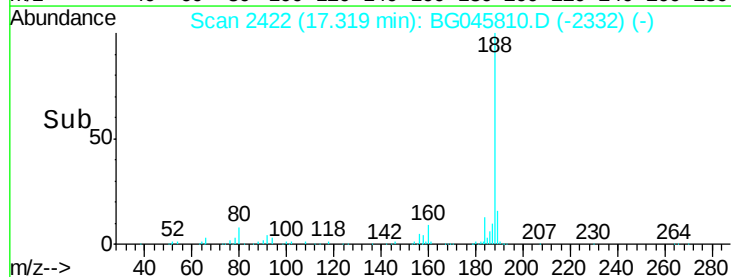
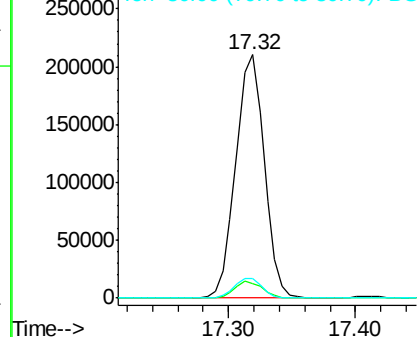


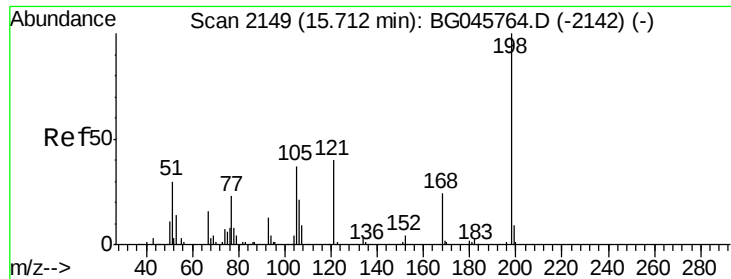
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		328141		
94	5.7	5.1	7.7		
80	8.1	6.2	9.4		



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





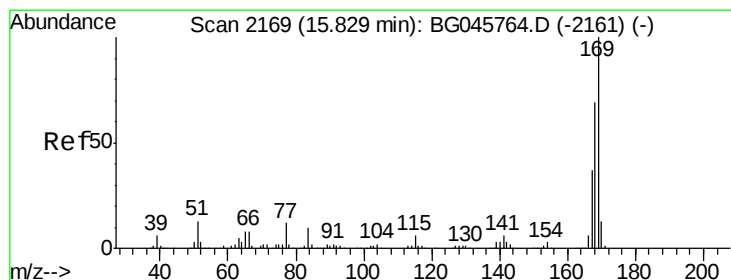
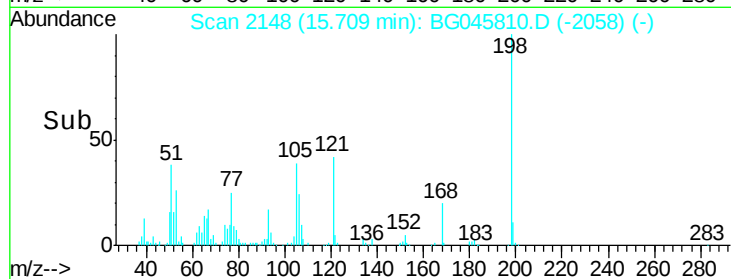
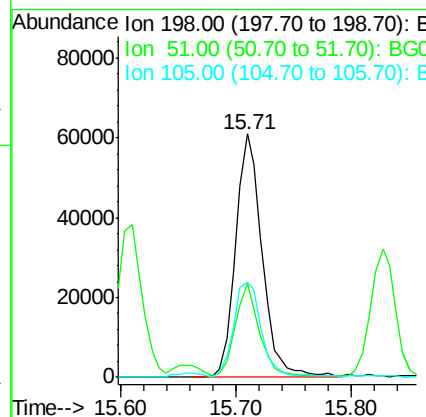
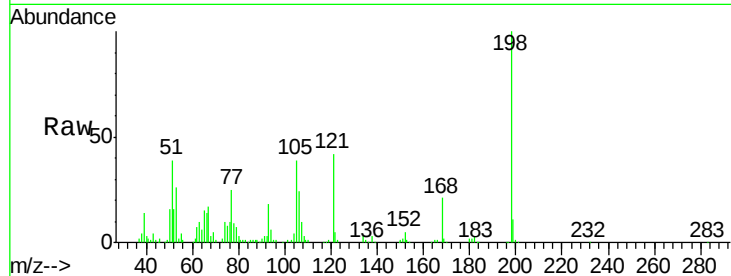
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.866 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.5	14.6	54.6
105	39.3	18.4	58.4

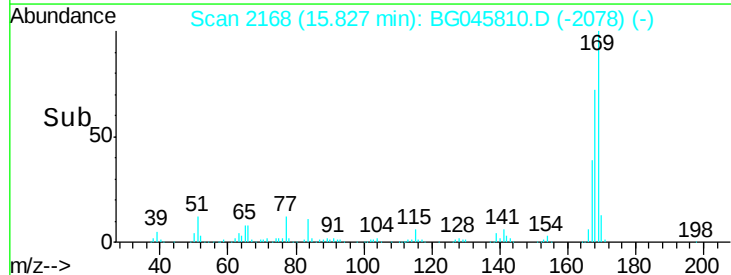
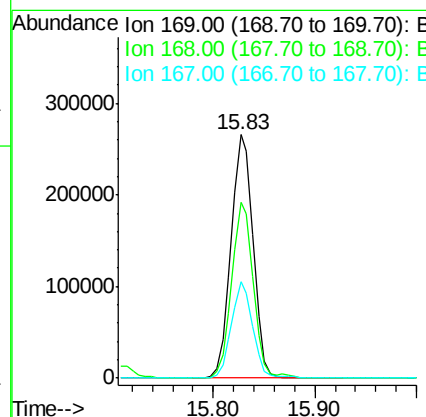
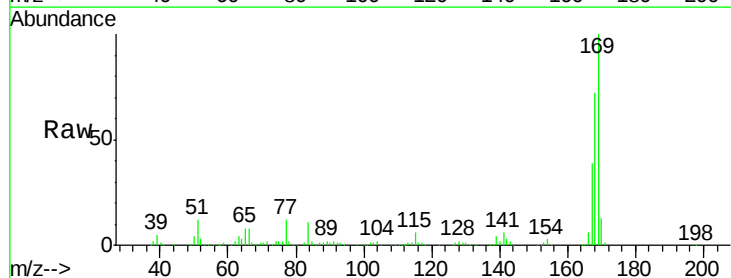
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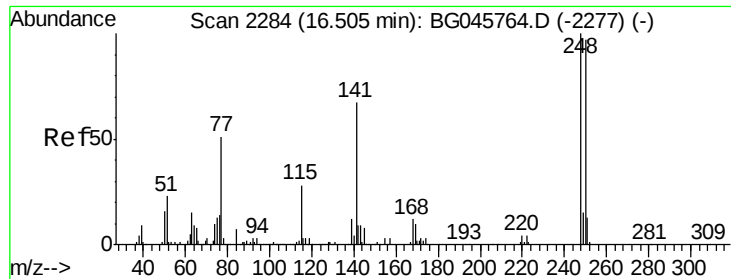
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 43.152 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.2	55.2	82.8
167	39.4	29.8	44.6





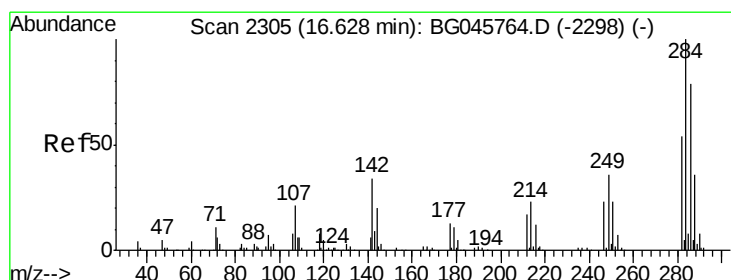
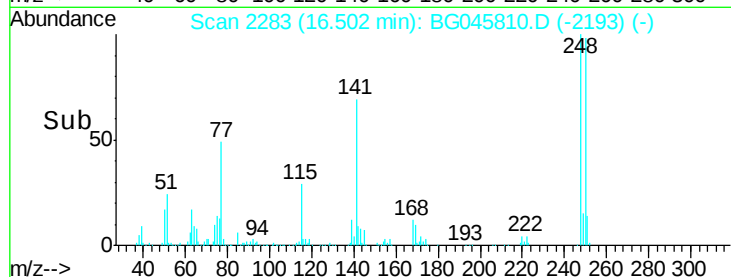
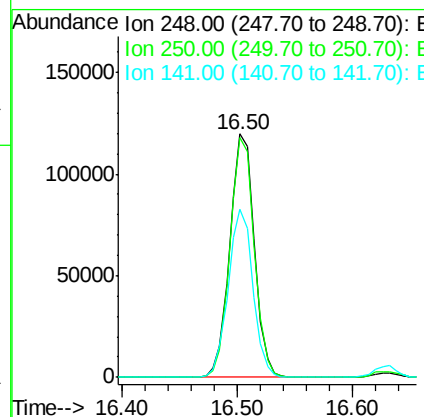
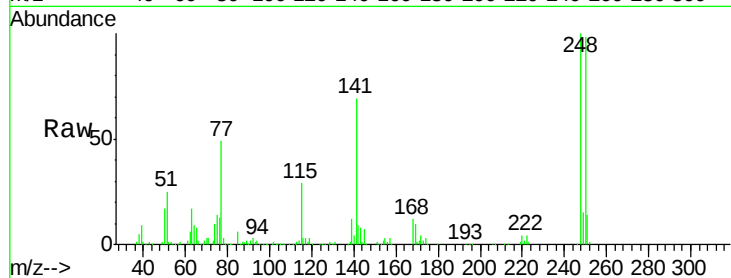
#67
4-Bromophenyl-phenylether
Concen: 41.211 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	69.2	53.9	80.9

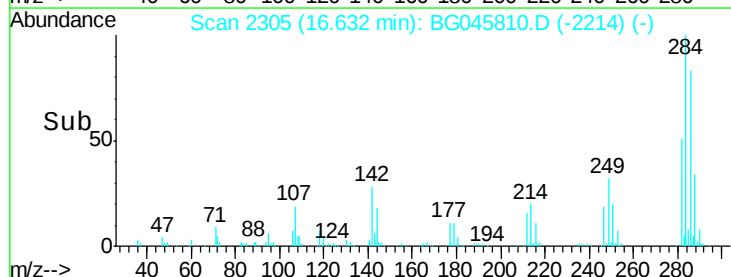
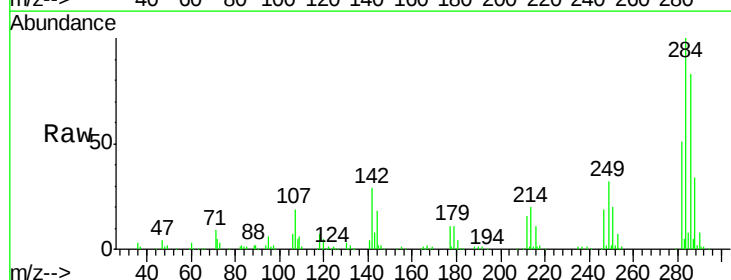
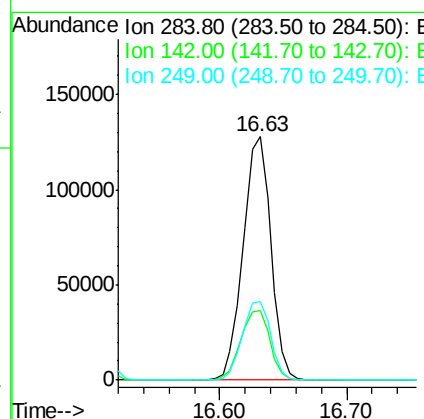
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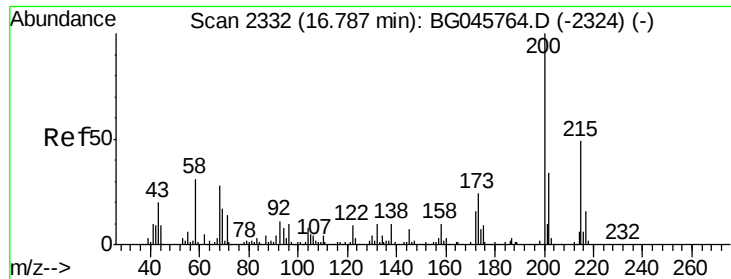
mohammad
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#68
Hexachlorobenzene
Concen: 43.783 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.9	40.3
249	32.3	28.6	42.8





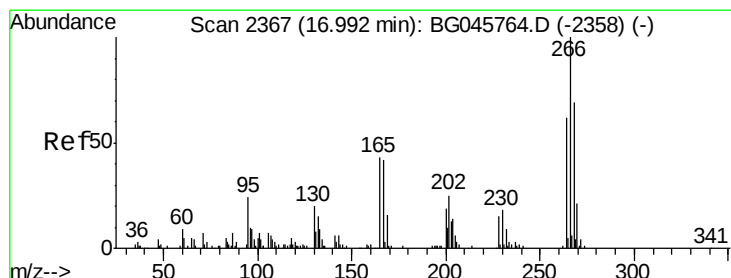
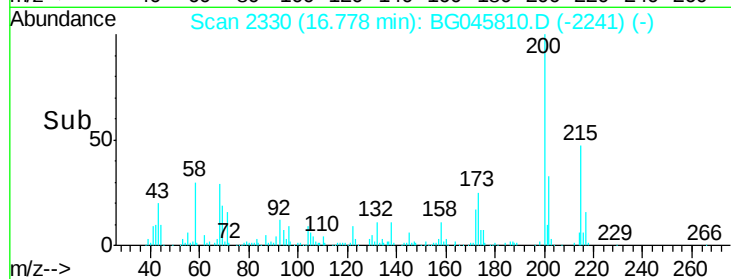
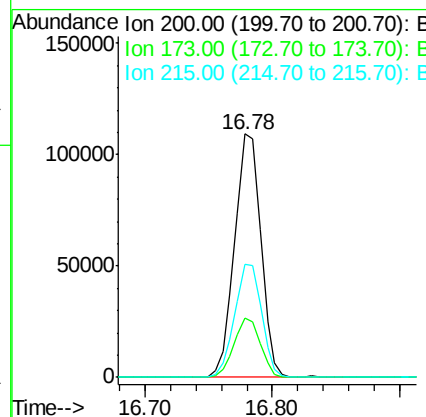
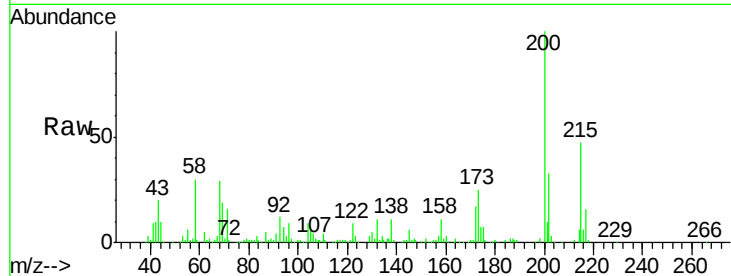
#69
 Atrazine
 Concen: 43.263 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	3.9	43.9
215	46.7	28.8	68.8

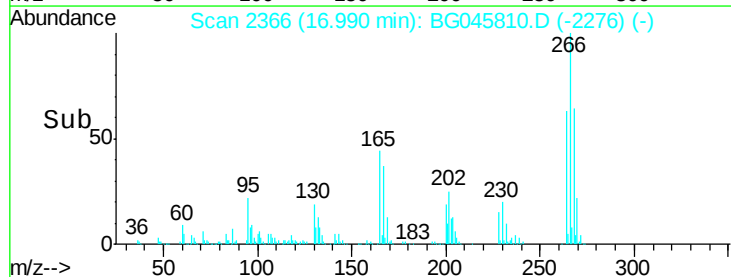
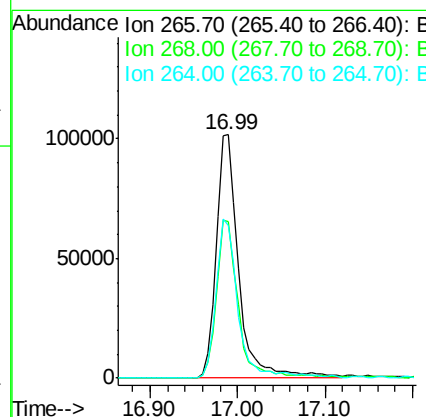
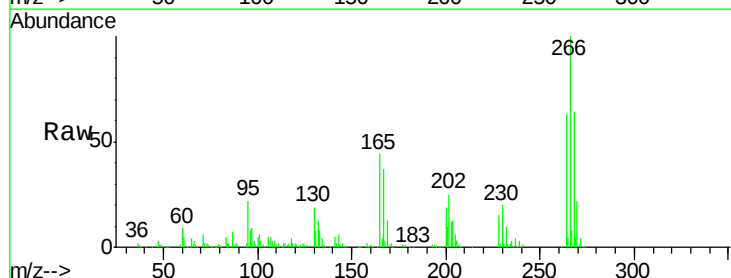
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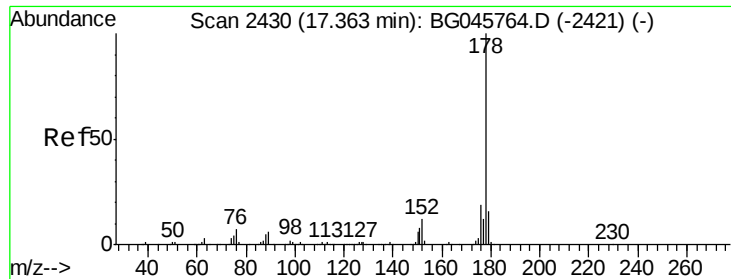
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#70
 Pentachlorophenol
 Concen: 83.099 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	55.4	83.0
264	62.9	49.8	74.6





#71

Phenanthrene

Concen: 42.913 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

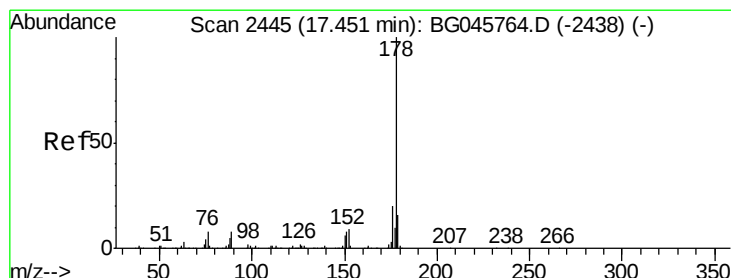
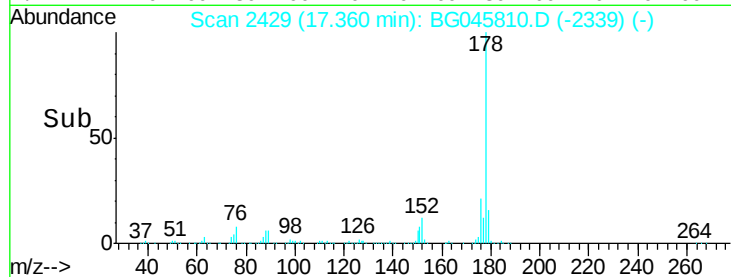
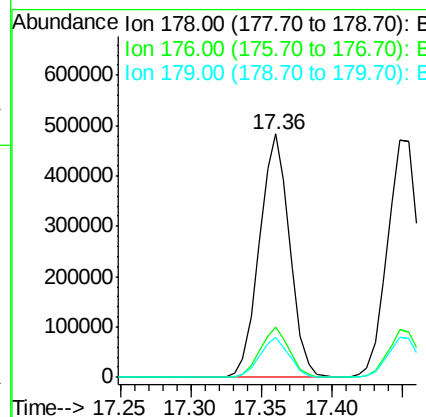
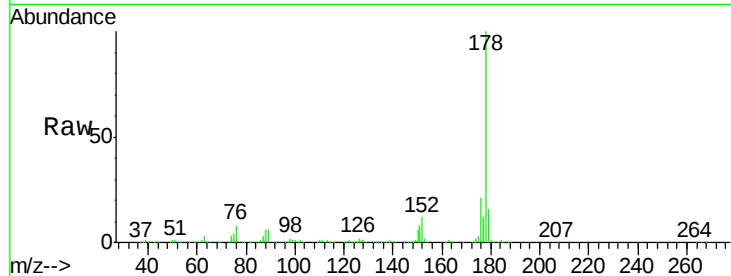
ClientSampleId :

PB129631BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.5	23.3
179	16.4	13.2	19.8

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#72

Anthracene

Concen: 44.170 ng

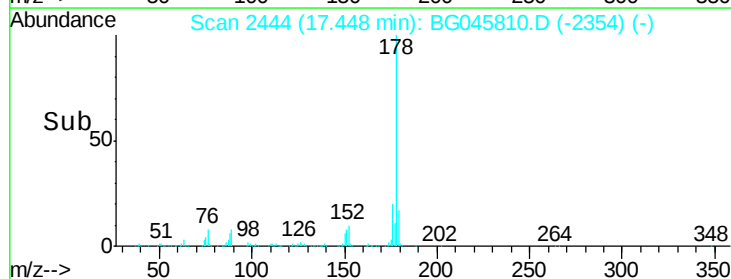
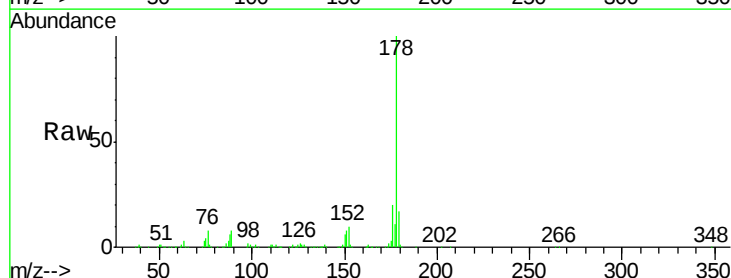
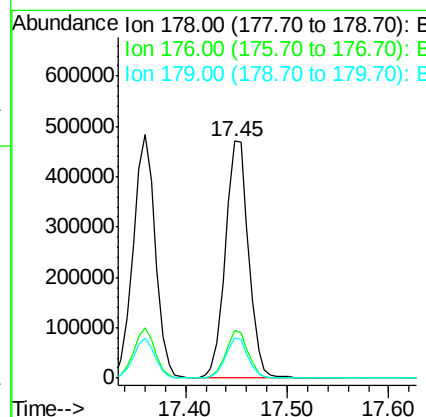
RT: 17.45 min Scan# 2444

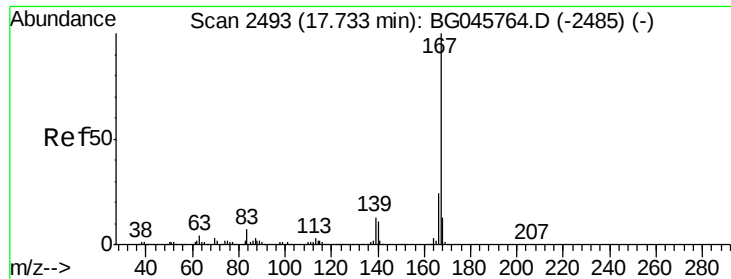
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	17.1	13.1	19.7





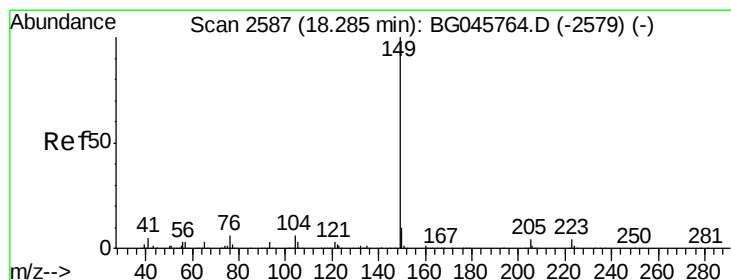
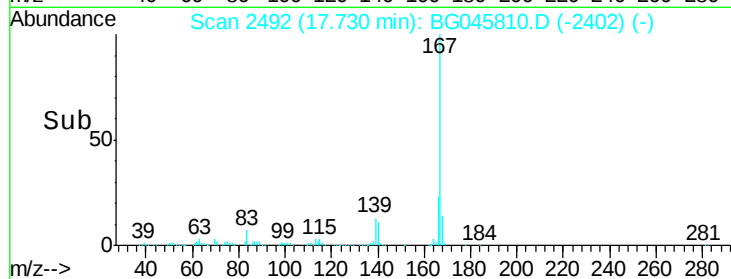
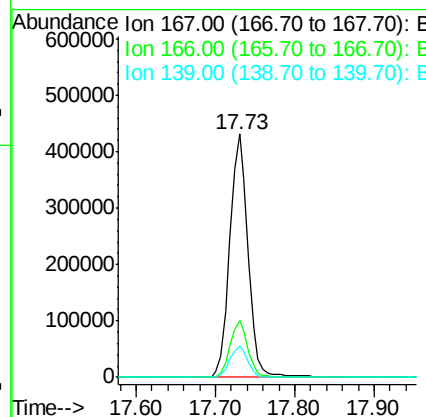
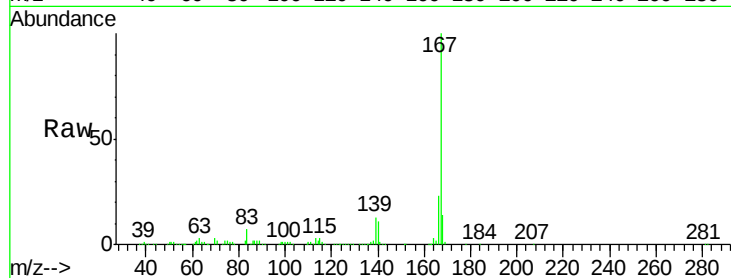
#73
 Carbazole
 Concen: 42.687 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion:	167	Resp:	684967
Ion Ratio		Lower	Upper
167	100		
166	23.3	18.9	28.3
139	12.9	10.6	15.8

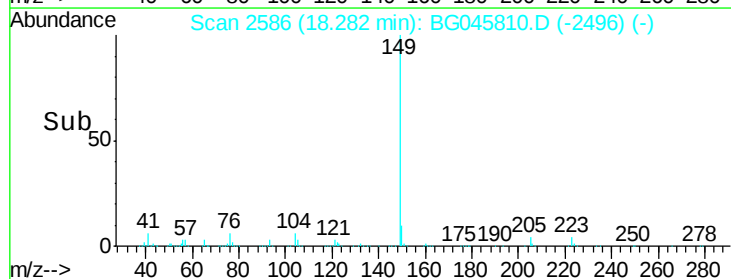
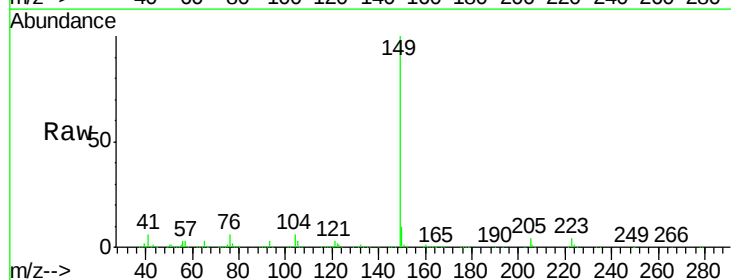
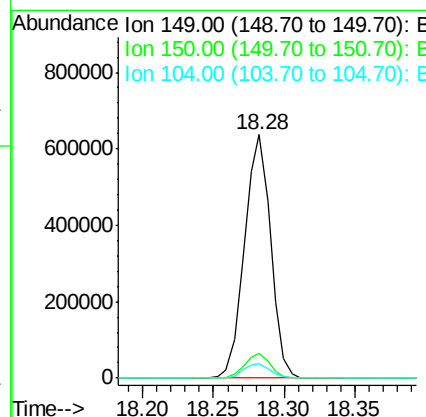
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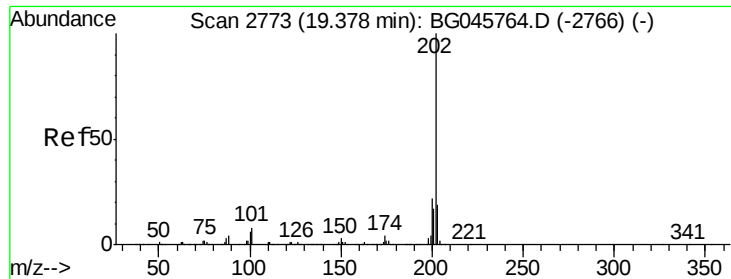
mohammad
 6/22/2020 3:24:06 PM



#74
 Di-n-butylphthalate
 Concen: 43.192 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion:	149	Resp:	820636
Ion Ratio		Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 44.433 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

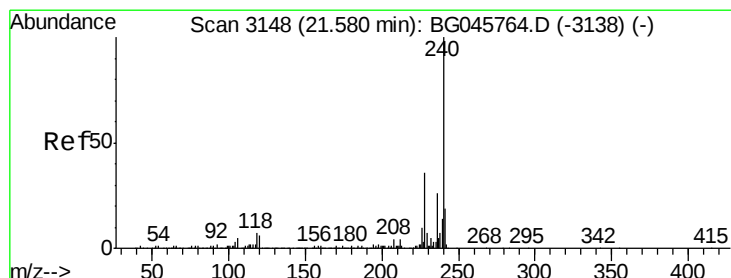
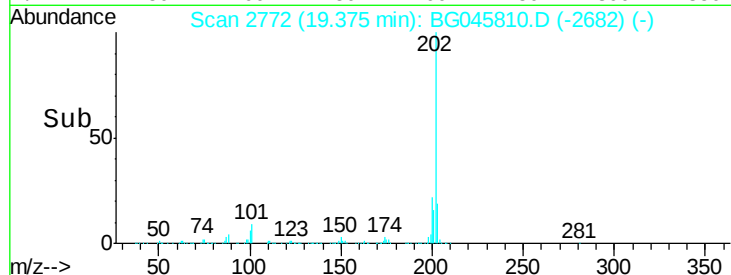
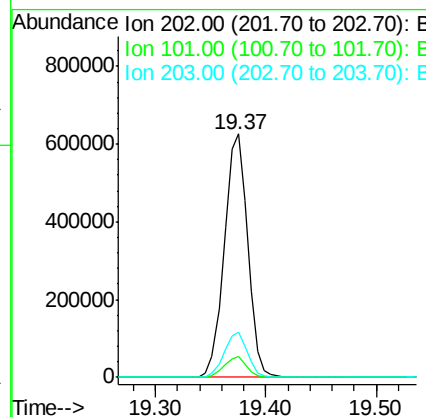
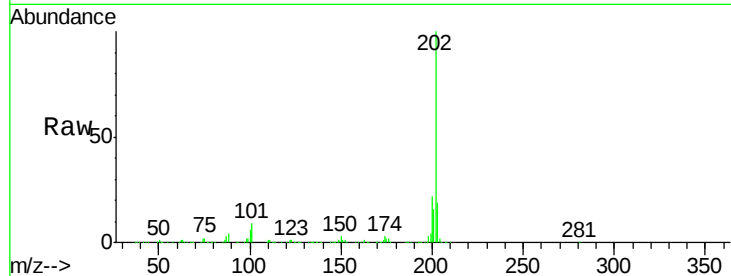
ClientSampleId :

PB129631BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	27.7
203	18.7	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

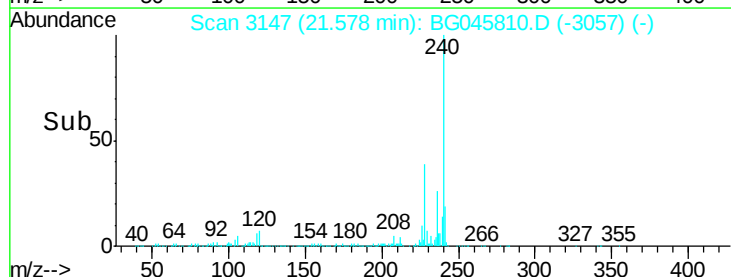
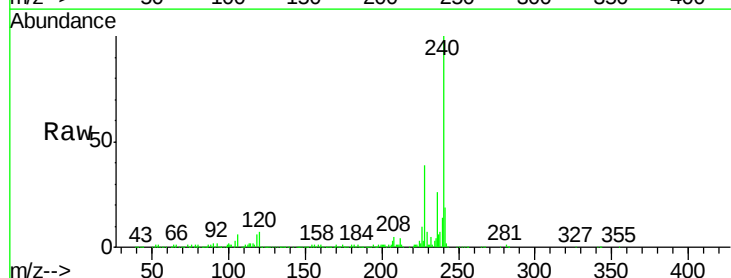
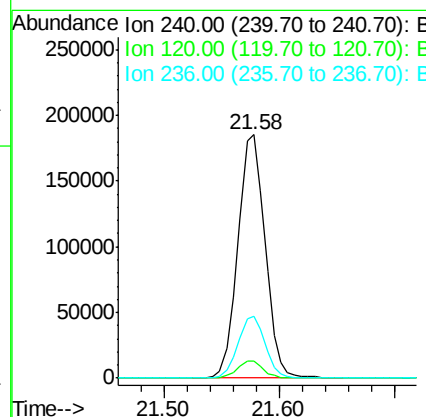
RT: 21.58 min Scan# 3147

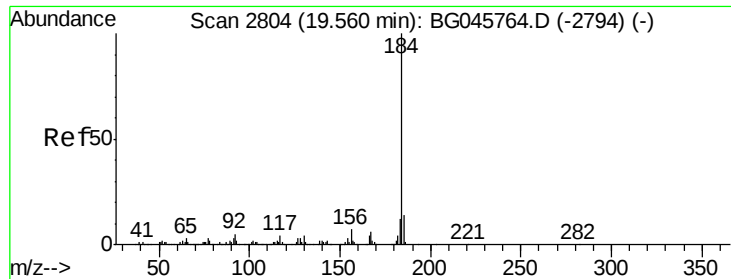
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.9	5.0	7.4
236	25.5	20.6	30.8





#77

Benzidine

Concen: 69.970 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

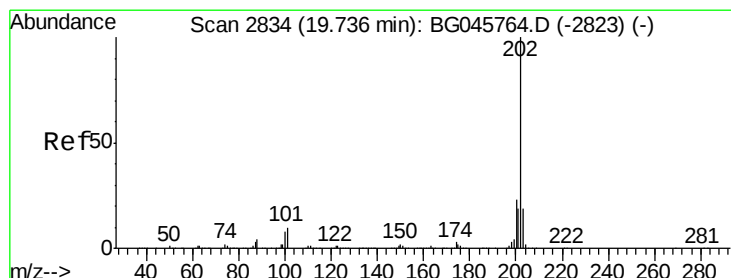
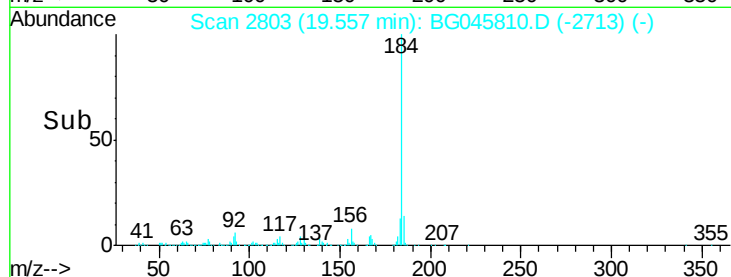
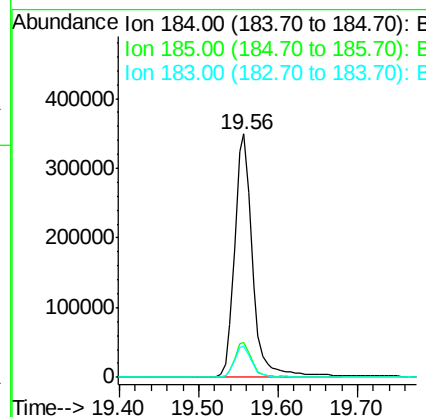
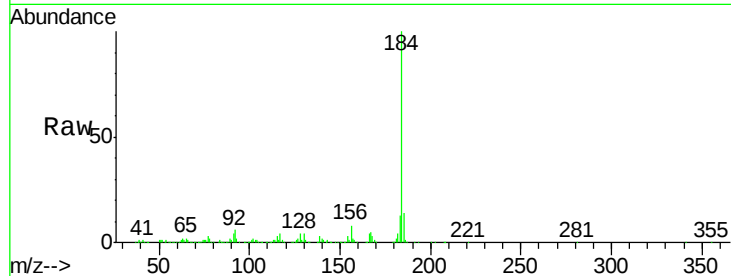
ClientSampleId :

PB129631BSD

Tot Ion:	184	Resp:	549799
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.1	16.7
183	12.6	9.7	14.5

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#78

Pyrene

Concen: 44.876 ng

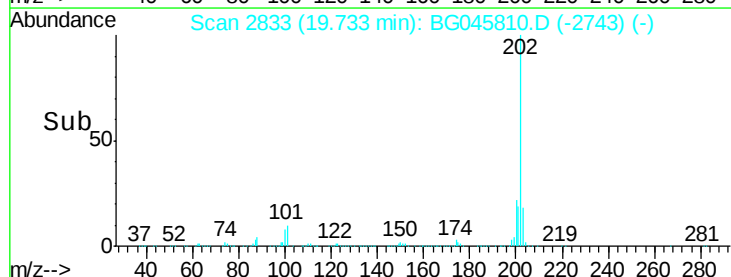
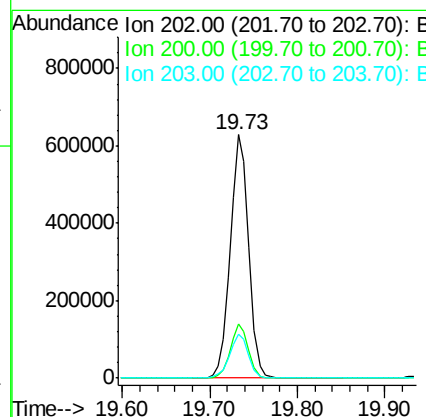
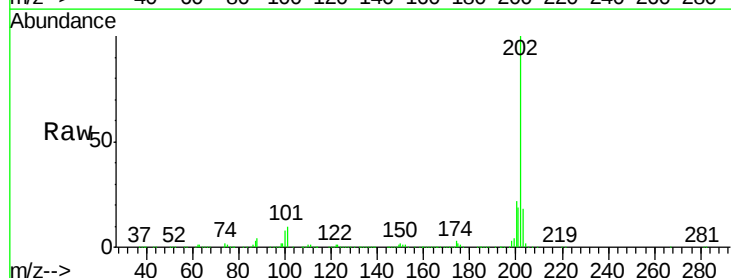
RT: 19.73 min Scan# 2833

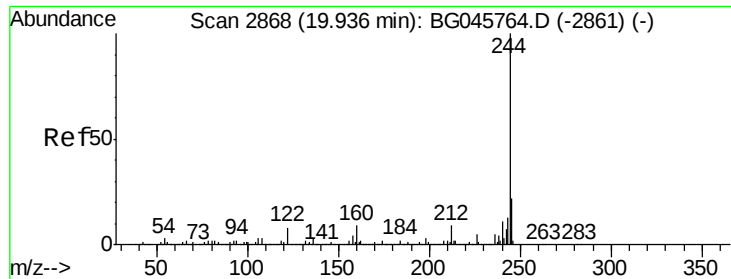
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	202	Resp:	908294
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	18.1	14.8	22.2





#79

Terphenyl-d14

Concen: 95.598 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

ClientSampled :

PB129631BSD

Tot Ion:244 Resp: 1425778

Ion Ratio Lower Upper

244 100

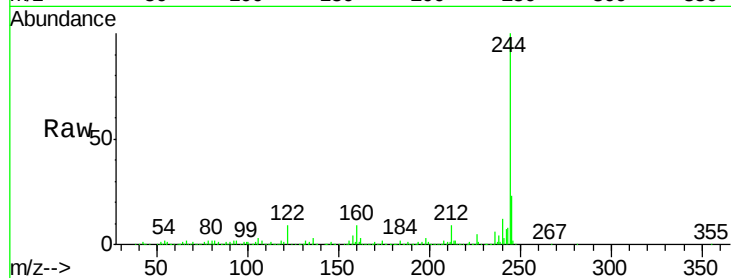
212 9.3 7.2 10.8

122 8.7 6.4 9.6

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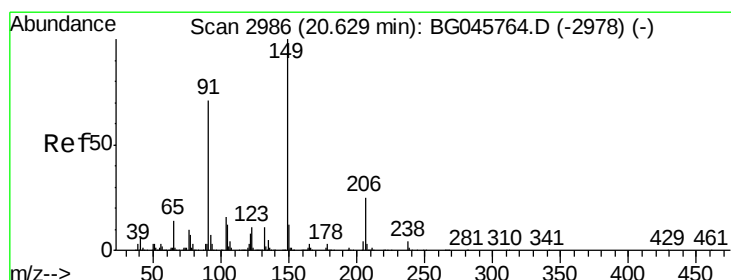
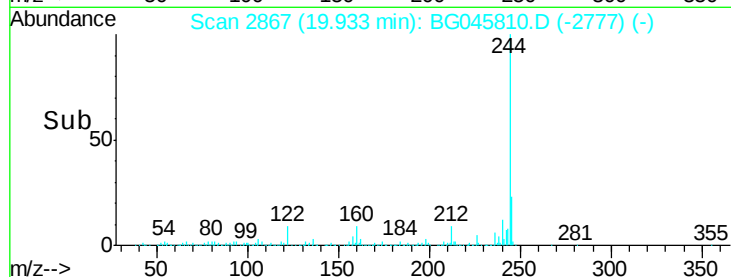
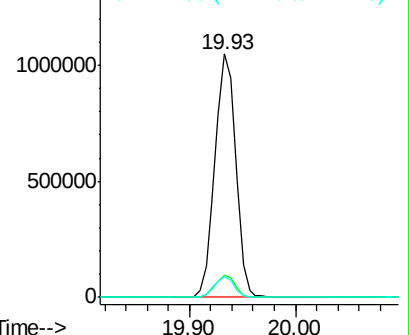
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.076 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

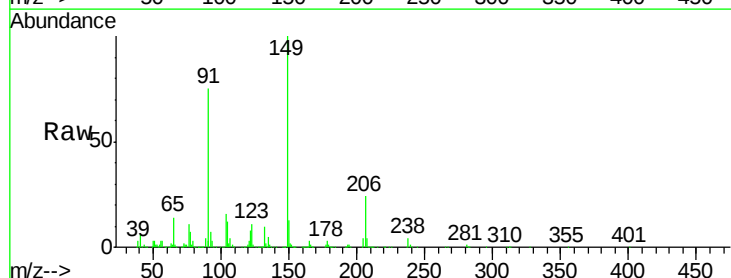
Tgt Ion:149 Resp: 364933

Ion Ratio Lower Upper

149 100

91 75.2 56.4 84.6

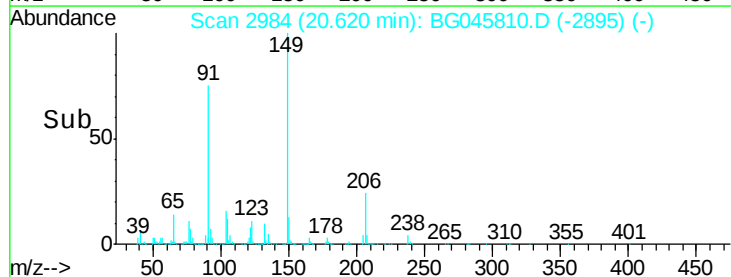
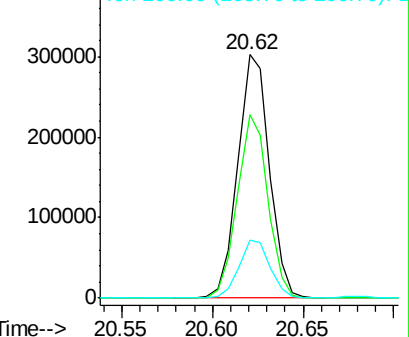
206 24.0 19.8 29.6

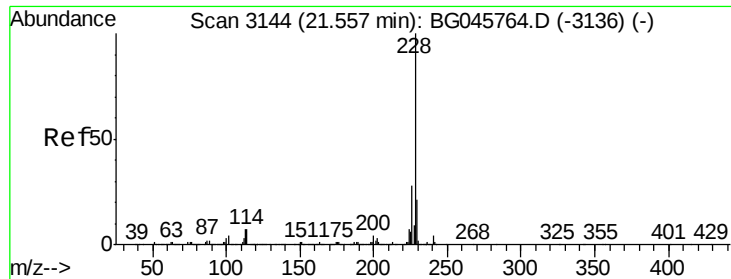


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





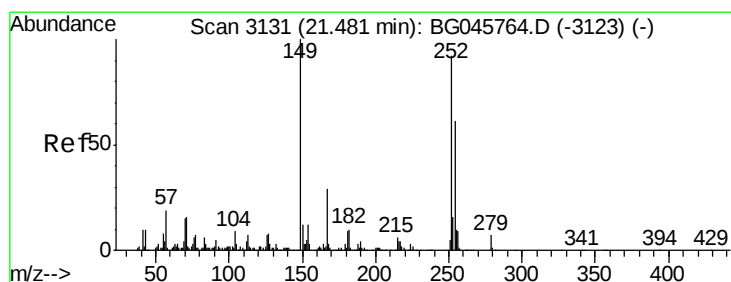
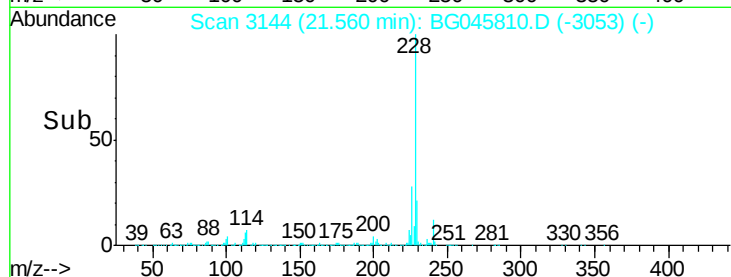
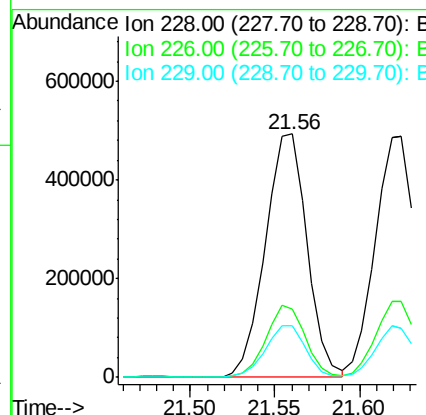
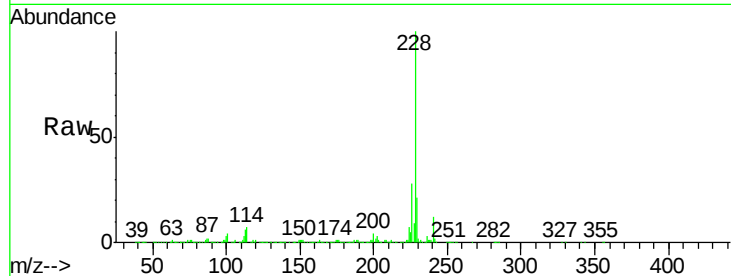
#81
Benzo(a)anthracene
Concen: 43.147 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	21.0	16.6	24.8

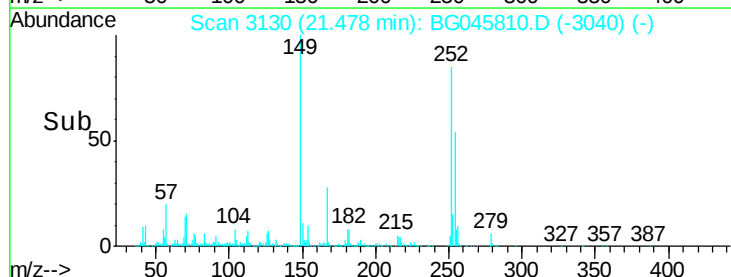
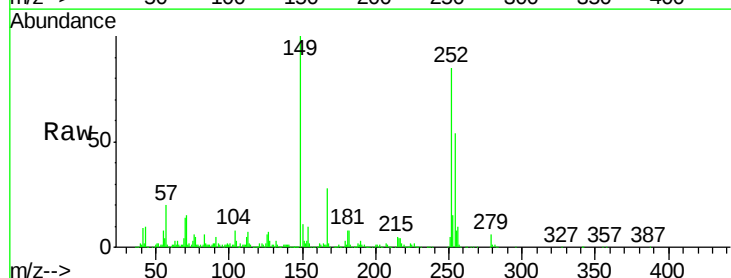
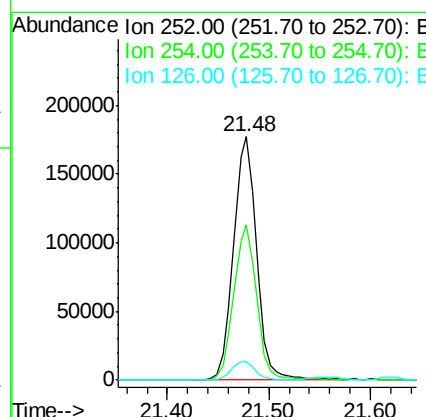
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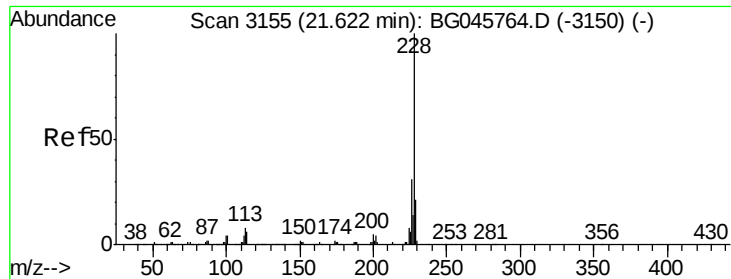
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.958 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.4	80.0
126	7.3	5.8	8.8





#83

Chrysene

Concen: 43.074 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

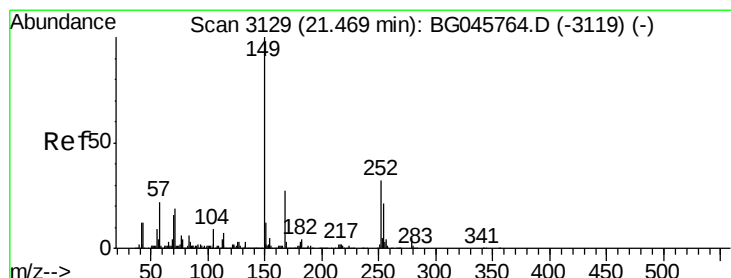
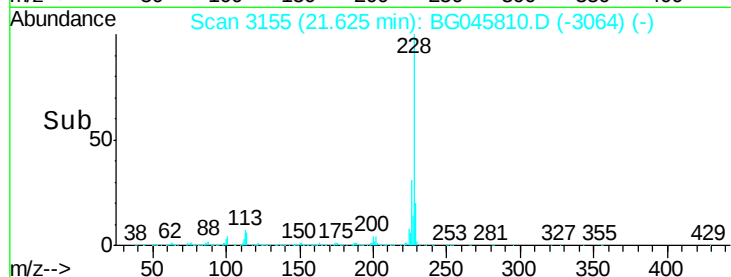
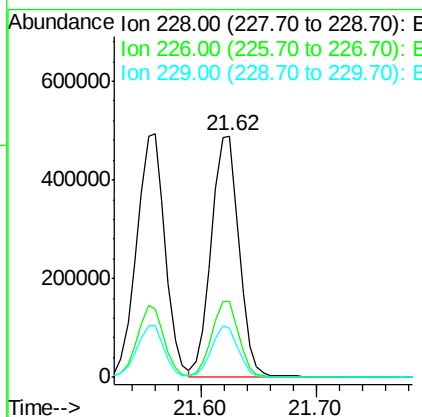
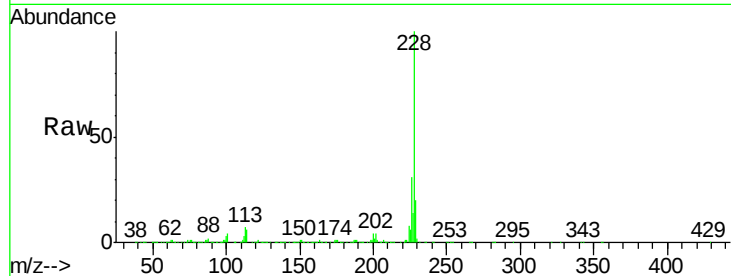
ClientSampleId :

PB129631BSD

Tot Ion:	228	Resp:	816410
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.1	37.7
229	20.1	16.4	24.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.188 ng

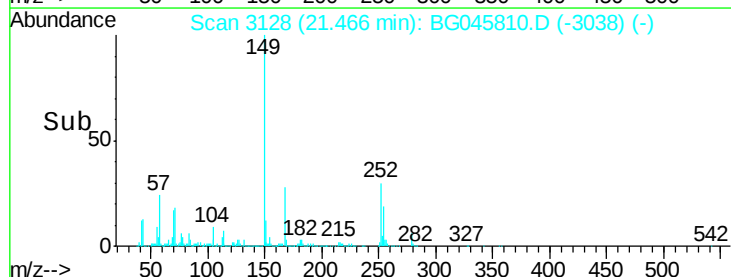
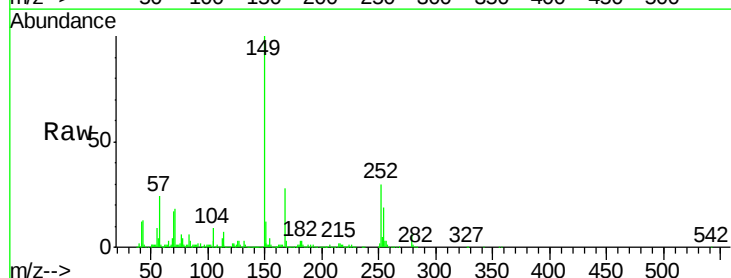
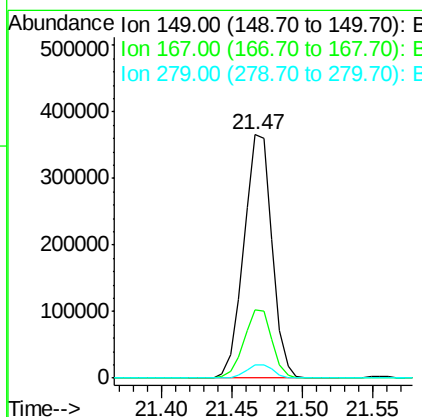
RT: 21.47 min Scan# 3128

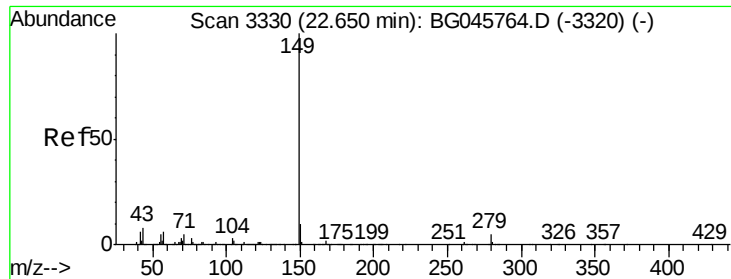
Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	149	Resp:	508936
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	5.5	3.7	5.5#





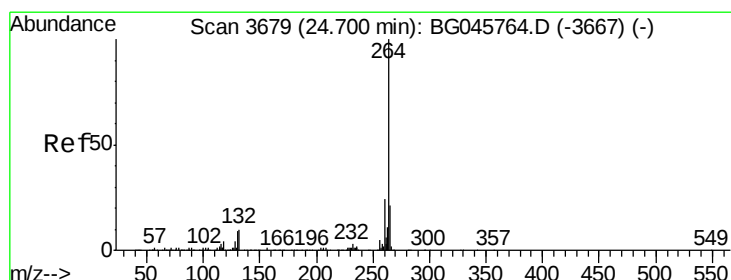
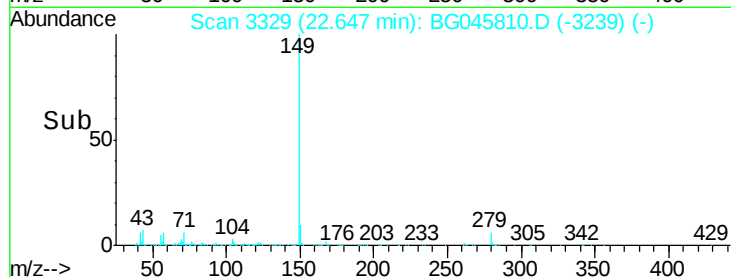
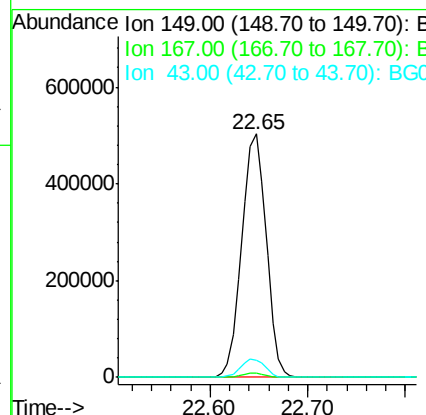
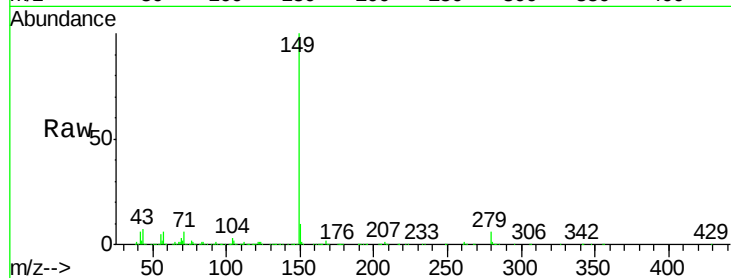
#85
Di-n-octyl phthalate
Concen: 43.209 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	878296		
167	1.7		1.4	2.0
43	7.6		5.9	8.9

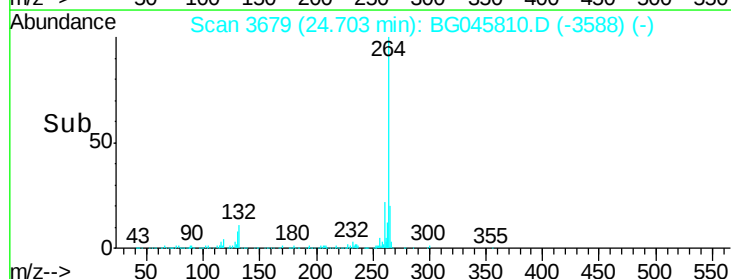
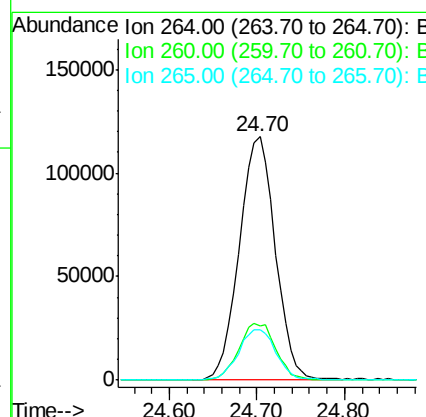
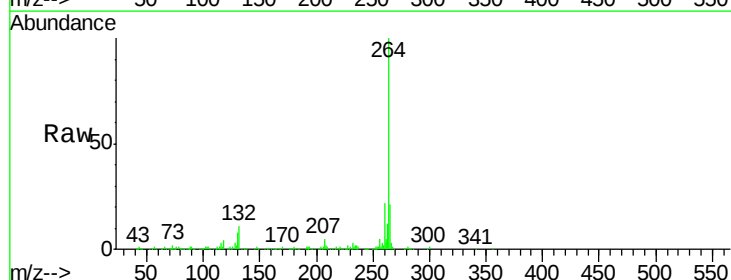
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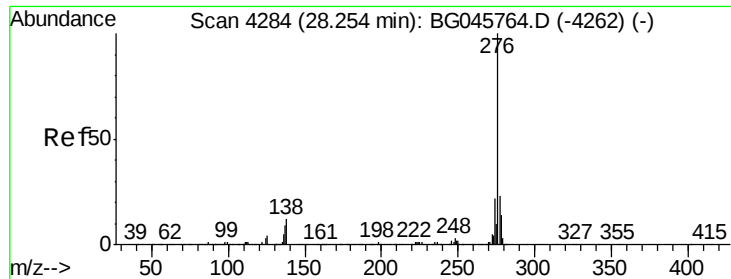
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	327560		
260	22.4		19.0	28.4
265	20.7		17.4	26.0





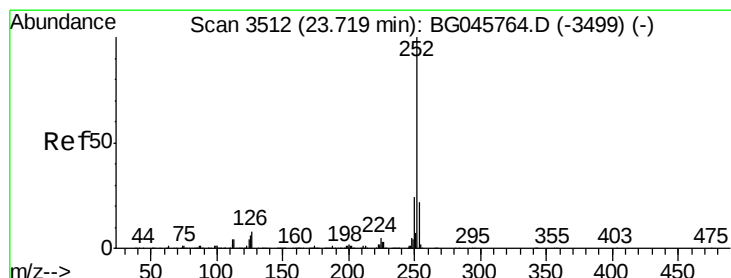
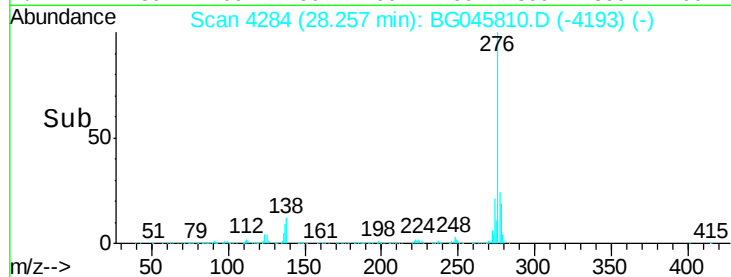
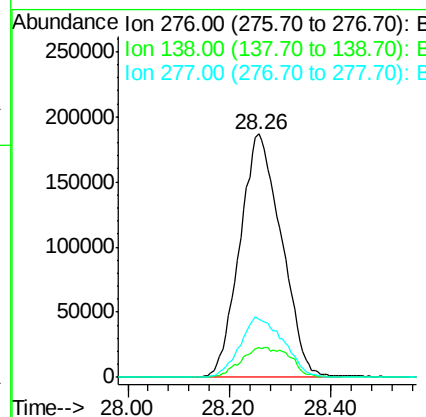
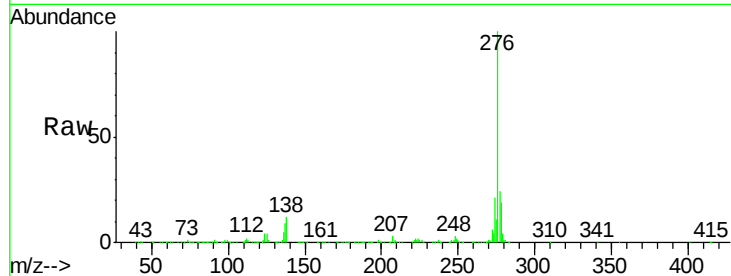
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.821 ng
 RT: 28.26 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.1	5.4	8.0#
277	25.8	20.6	30.8

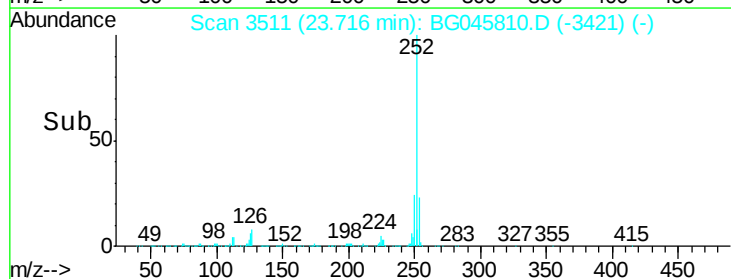
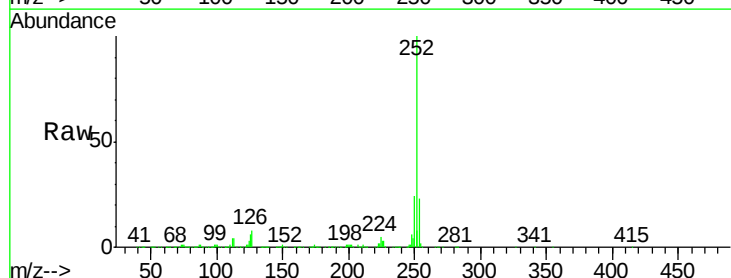
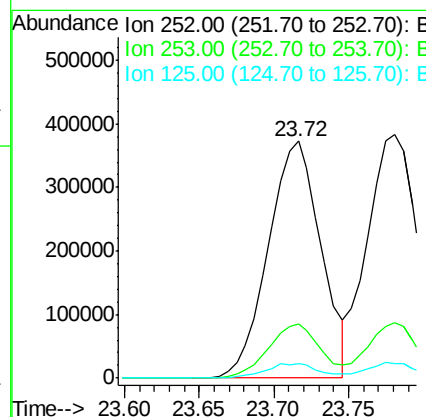
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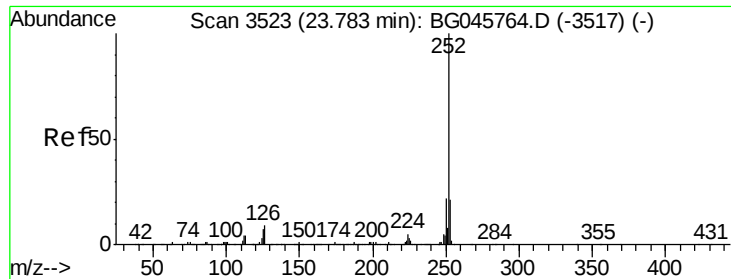
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.616 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045810.D
 Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	6.3	5.0	7.4





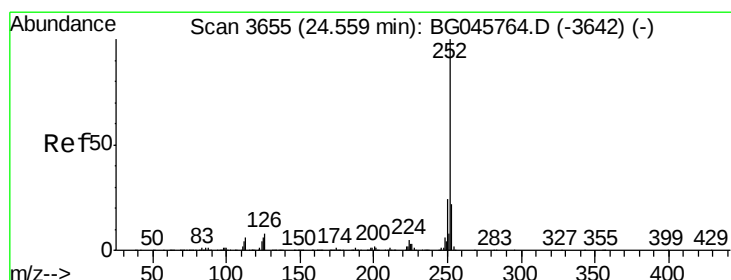
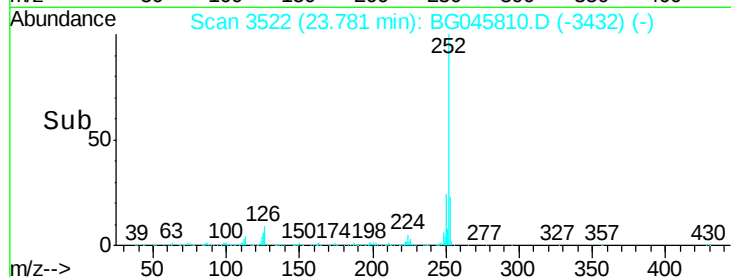
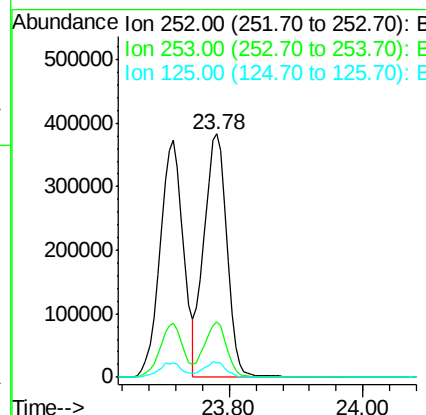
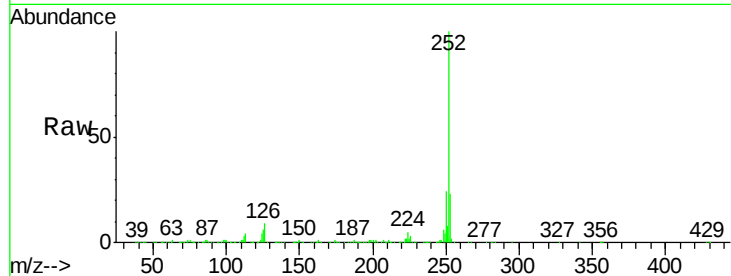
#89
Benzo(k)fluoranthene
Concen: 46.043 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	6.1	5.2	7.8

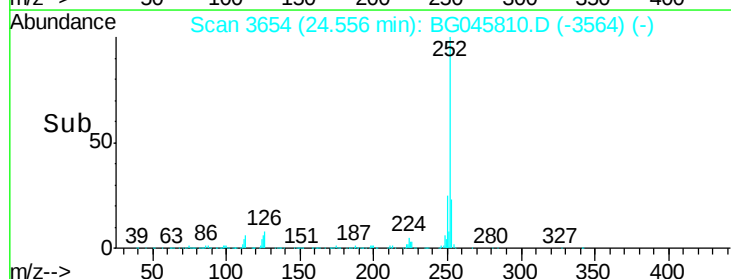
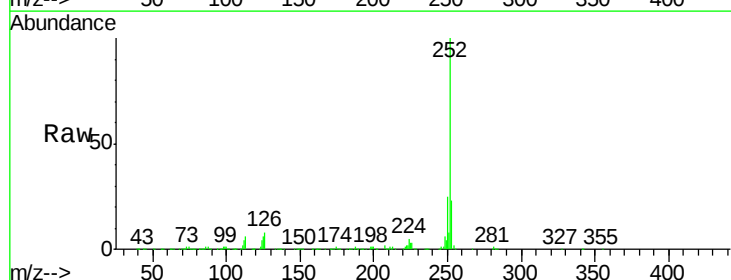
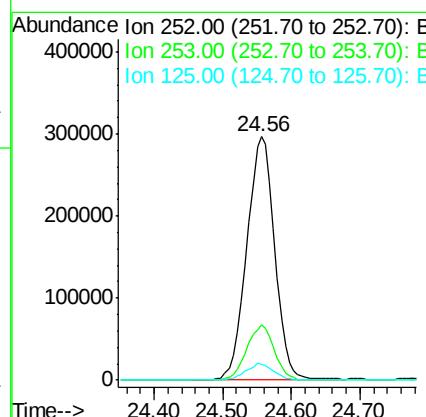
Manual Integrations
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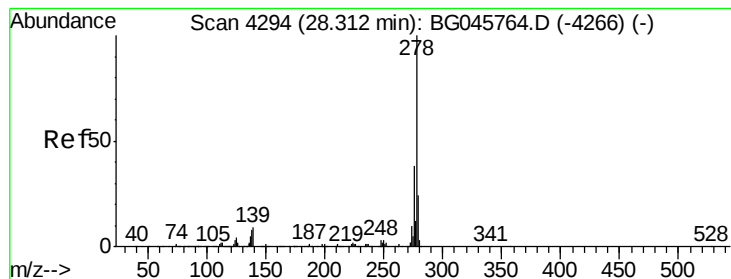
mohammad
6/22/2020 3:24:06 PM



#90
Benzo(a)pyrene
Concen: 43.800 ng
RT: 24.56 min Scan# 3654
Delta R.T. -0.00 min
Lab File: BG045810.D
Acq: 19 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	6.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.281 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Instrument :

BNA_G

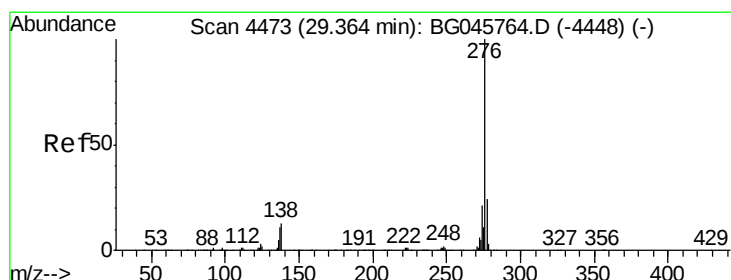
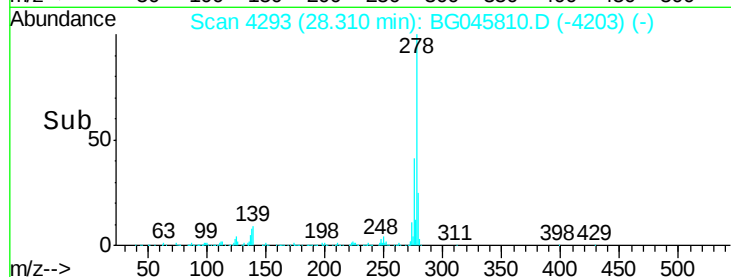
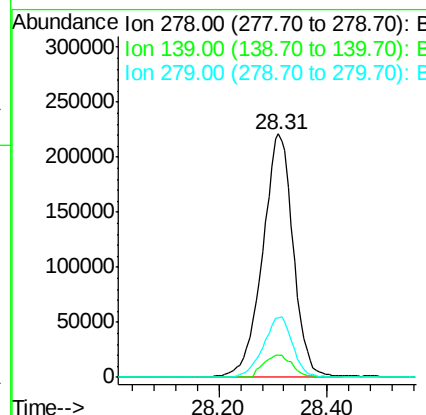
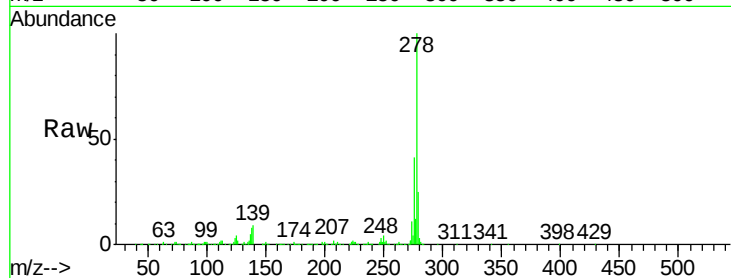
ClientSampleId :

PB129631BSD

Tot Ion:	278	Resp:	862273
Ion Ratio	Lower	Upper	
278	100		
139	9.1	7.3	10.9
279	24.6	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/22/2020 3:24:06 PM



#92

Benzo(g,h,i)perylene

Concen: 45.031 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.00 min

Lab File: BG045810.D

Acq: 19 Jun 2020 11:26

Tgt Ion:	276	Resp:	858298
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	11.5	10.6	15.8

