

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
 Data File : BG045860.D
 Acq On : 25 Jun 2020 16:45
 Operator : CG/JU
 Sample : PB129763BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Manual Integrations
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 6/26/2020 12:37:38 PM

Quant Time: Jun 25 17:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	51771	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	201977	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	138756	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	328267	20.00	ng	0.00
76) Chrysene-d12	21.58	240	311364	20.00	ng	0.00
86) Perylene-d12	24.69	264	342624	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	446420	145.66	ng	0.00
7) Phenol-d6	7.14	99	605679	129.92	ng	0.00
23) Nitrobenzene-d5	9.07	82	394570	89.24	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	269591	128.69	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	843860	89.37	ng	0.00
79) Terphenyl-d14	19.93	244	1436547	93.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	56584	40.311	ng	95
3) Pyridine	3.76	79	155362	37.351	ng	99
4) n-Nitrosodimethylamine	3.68	42	65149	46.661	ng	# 92
6) Aniline	7.24	93	227177	41.387	ng	95
8) 2-Chlorophenol	7.50	128	155008	47.252	ng	92
9) Benzaldehyde	7.05	77	90671	32.383	ng	99
10) Phenol	7.16	94	205509	45.497	ng	93
11) bis(2-Chloroethyl)ether	7.34	93	142601	41.564	ng	98
12) 1,3-Dichlorobenzene	7.80	146	169623	43.389	ng	98
13) 1,4-Dichlorobenzene	7.95	146	173149	44.342	ng	98
14) 1,2-Dichlorobenzene	8.27	146	160788	43.011	ng	99
15) Benzyl Alcohol	8.17	79	157709	43.716	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	132823	41.077	ng	82
17) 2-Methylphenol	8.40	107	137516	40.909	ng	98
18) Hexachloroethane	8.99	117	66437	44.797	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	127826	41.707	ng	96
20) 3+4-Methylphenols	8.73	107	185396	41.936	ng	# 88
22) Acetophenone	8.74	105	237248	42.796	ng	98
24) Nitrobenzene	9.12	77	199040	42.222	ng	99
25) Isophorone	9.64	82	352729	41.211	ng	99
26) 2-Nitrophenol	9.83	139	86283	43.933	ng	92
27) 2,4-Dimethylphenol	9.92	122	138344	46.138	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	192165	42.982	ng	98
29) 2,4-Dichlorophenol	10.40	162	156264	44.668	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	176224	42.551	ng	98
31) Naphthalene	10.77	128	468686	42.444	ng	99
32) Benzoic acid	10.13	122	74256	40.021	ng	95
33) 4-Chloroaniline	10.89	127	162610	35.165	ng	97
34) Hexachlorobutadiene	11.06	225	122156	41.474	ng	98
35) Caprolactam	11.67	113	51187m	45.216	ng	
36) 4-Chloro-3-methylphenol	12.05	107	170610	42.239	ng	96
37) 2-Methylnaphthalene	12.38	142	351348	42.729	ng	97
38) 1-Methylnaphthalene	12.60	142	333537	42.864	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	196583	43.026	ng	99

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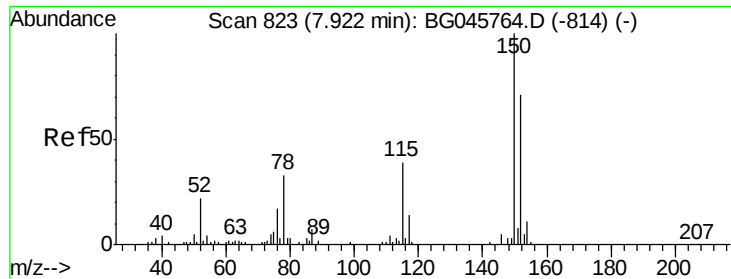
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	228841	89.552	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	130996	42.288	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	136723	38.726	ng	97
46) 1,1'-Biphenyl	13.39	154	435729	43.862	ng	98
47) 2-Chloronaphthalene	13.44	162	337454	42.052	ng	97
48) 2-Nitroaniline	13.65	65	114683	42.964	ng	96
49) Acenaphthylene	14.29	152	548087	42.641	ng	100
50) Dimethylphthalate	14.02	163	453956	41.762	ng	100
51) 2,6-Dinitrotoluene	14.14	165	106760	43.728	ng	94
52) Acenaphthene	14.63	154	333322	42.782	ng	98
53) 3-Nitroaniline	14.48	138	84706	34.735	ng	96
54) 2,4-Dinitrophenol	14.69	184	115477	84.420	ng	96
55) Dibenzofuran	14.97	168	546062	43.144	ng	99
56) 4-Nitrophenol	14.85	139	129842	74.598	ng	100
57) 2,4-Dinitrotoluene	14.94	165	151429	43.289	ng	99
58) Fluorene	15.61	166	457872	43.506	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	133196	43.468	ng	98
60) Diethylphthalate	15.38	149	473576	42.618	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	248399	40.950	ng	98
62) 4-Nitroaniline	15.65	138	106125	42.403	ng	94
63) Azobenzene	15.90	77	457886	42.914	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	95909	47.276	ng	98
66) n-Nitrosodiphenylamine	15.82	169	399248	42.940	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	174276	40.858	ng	98
68) Hexachlorobenzene	16.63	284	189825	42.918	ng	95
69) Atrazine	16.78	200	153183	42.457	ng	96
70) Pentachlorophenol	16.98	266	155008	71.914	ng	95
71) Phenanthrene	17.36	178	718368	42.431	ng	99
72) Anthracene	17.45	178	745518	44.221	ng	99
73) Carbazole	17.73	167	680246	42.376	ng	100
74) Di-n-butylphthalate	18.28	149	810045	42.618	ng	100
75) Fluoranthene	19.37	202	922200	44.298	ng	99
77) Benzidine	19.55	184	530135	65.493	ng	99
78) Pyrene	19.73	202	913336	43.805	ng	99
80) Butylbenzylphthalate	20.62	149	370206	42.419	ng	94
81) Benzo(a)anthracene	21.55	228	874402	43.315	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	290689	38.069	ng	97
83) Chrysene	21.62	228	845277	43.292	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	524957	43.244	ng	# 99
85) Di-n-octyl phthalate	22.64	149	898215	42.896	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1108880	44.643	ng	# 95
88) Benzo(b)fluoranthene	23.71	252	957581	44.575	ng	99
89) Benzo(k)fluoranthene	23.78	252	930547	45.259	ng	98
90) Benzo(a)pyrene	24.55	252	877821	43.744	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	893839	44.875	ng	99
92) Benzo(g,h,i)perylene	29.35	276	901013	45.194	ng	98

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



#1

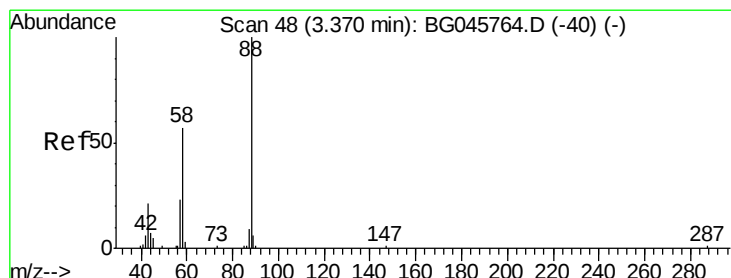
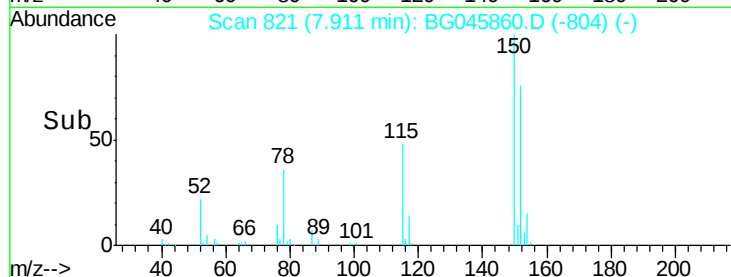
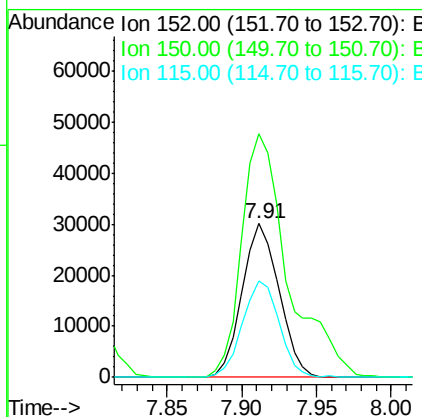
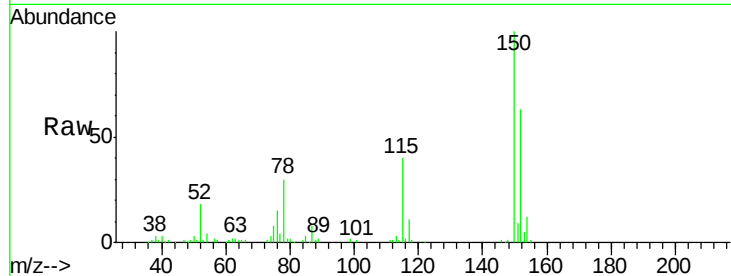
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	113.1	169.7
115	63.0	43.8	65.6

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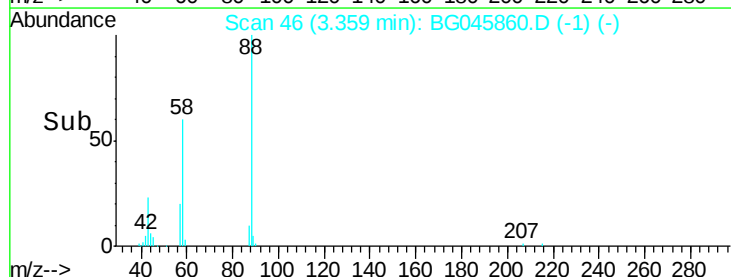
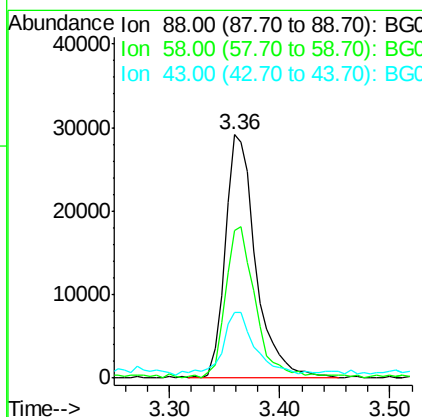
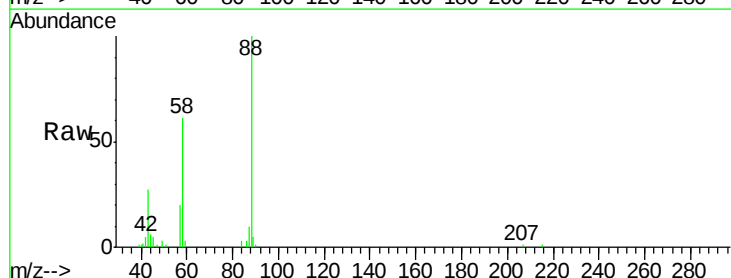
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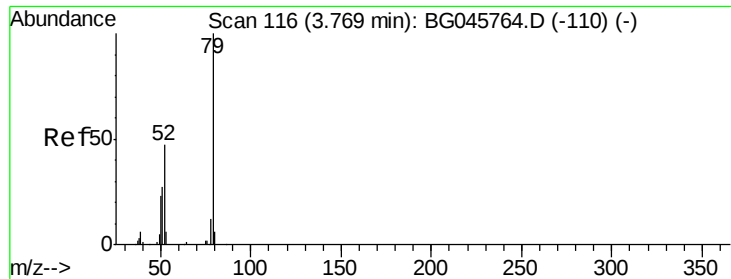


#2

1,4-Dioxane
Concen: 40.311 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	46.1	69.1
43	26.4	19.2	28.8





#3

Pvridine

Concen: 37.351 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

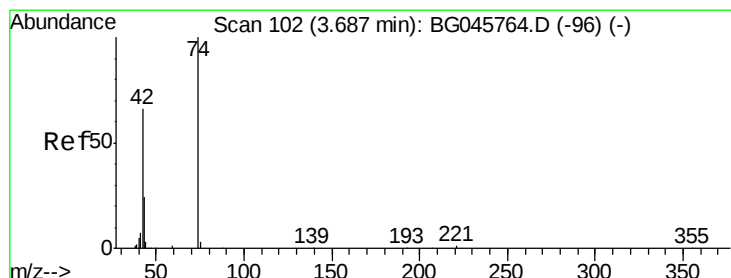
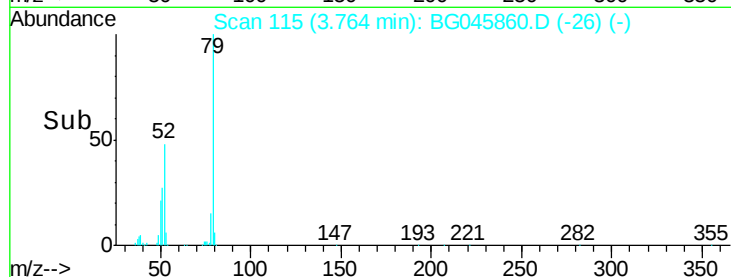
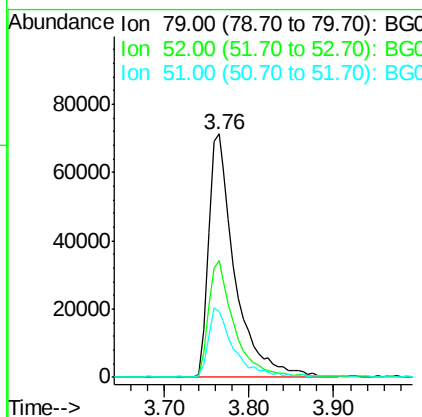
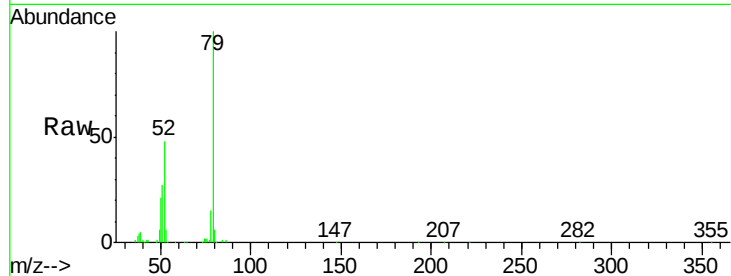
ClientSampleId :

PB129763BSD

Tot Ion:	79	Resp:	155362
Ion	Ratio	Lower	Upper
79	100		
52	48.2	37.9	56.9
51	27.1	22.0	33.0

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#4

n-Nitrosodimethylamine

Concen: 46.661 ng

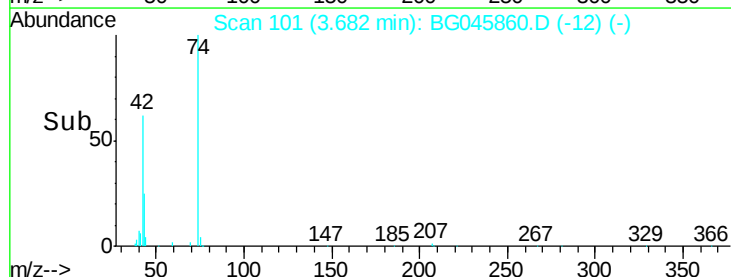
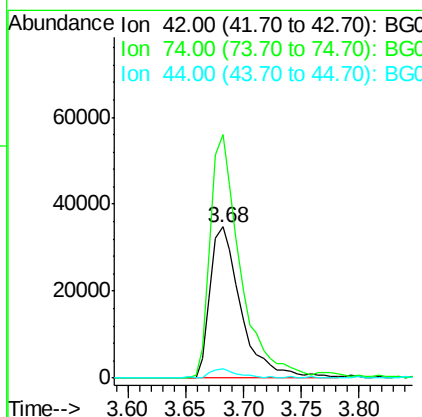
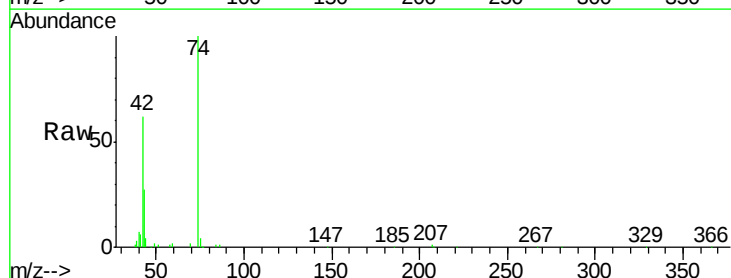
RT: 3.68 min Scan# 101

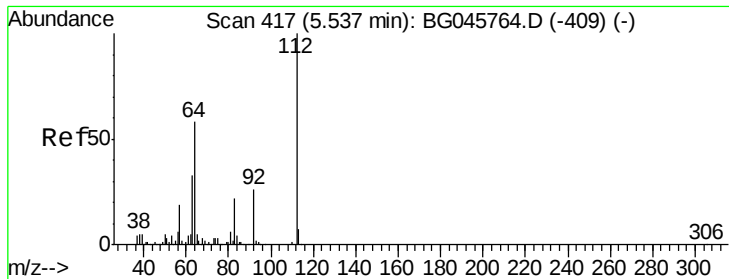
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	42	Resp:	65149
Ion	Ratio	Lower	Upper
42	100		
74	161.2	121.0	181.4
44	5.8	3.5	5.3#





#5

2-Fluorophenol

Concen: 145.662 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

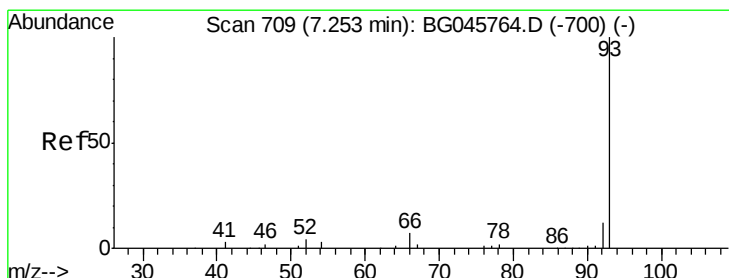
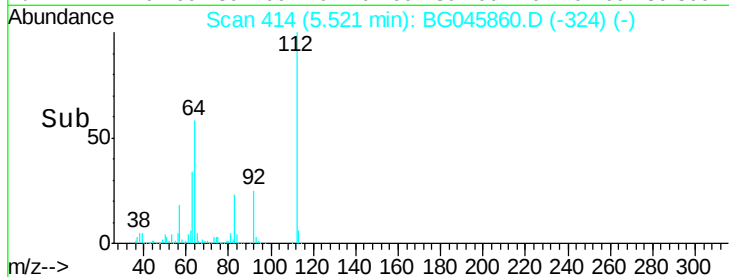
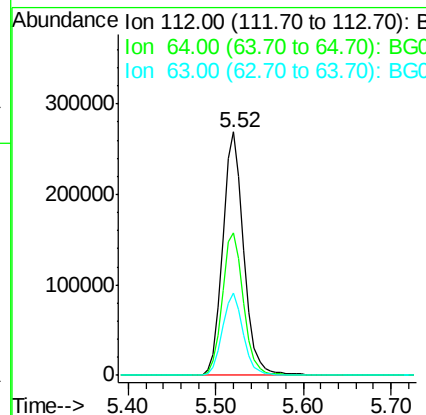
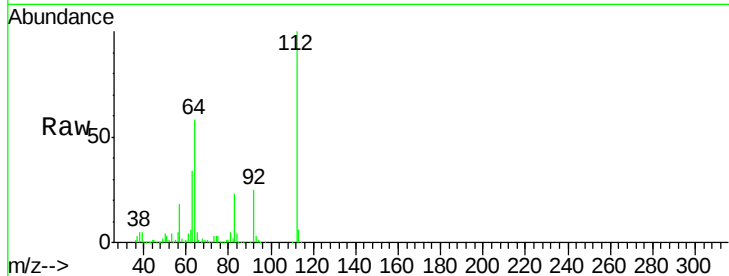
ClientSampleId :

PB129763BSD

Tot Ion:	112	Resp:	446420
Ion Ratio	Lower	Upper	
112	100		
64	58.4	46.6	69.8
63	33.9	26.3	39.5

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#6

Aniline

Concen: 41.387 ng

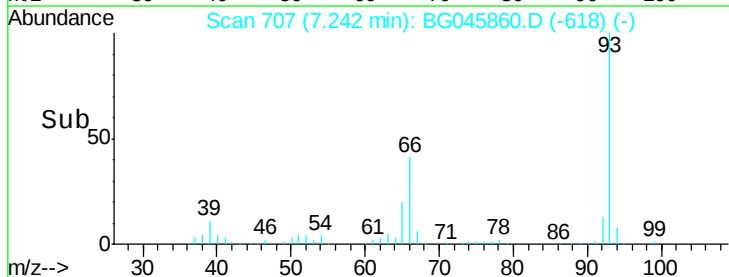
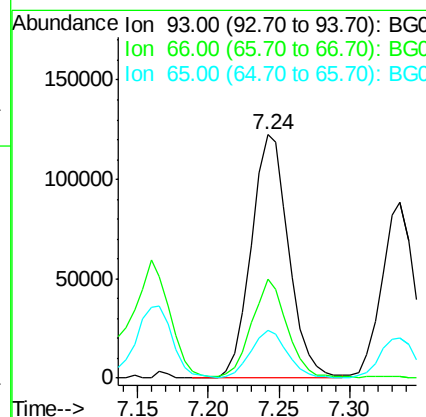
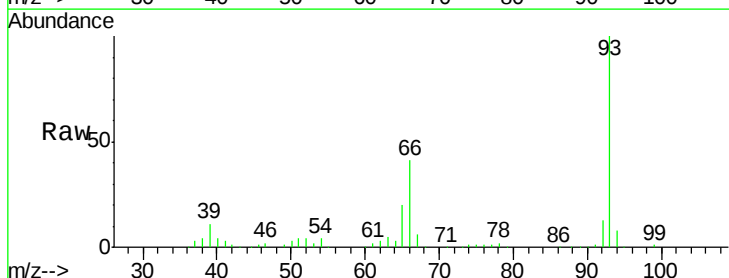
RT: 7.24 min Scan# 707

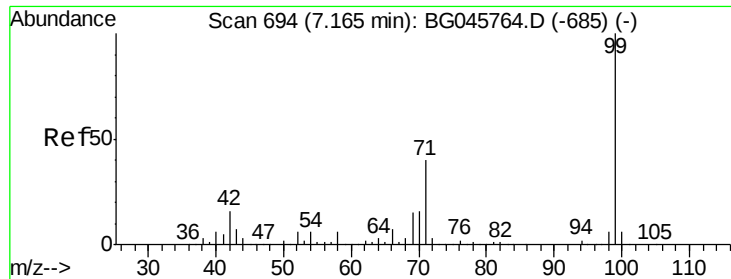
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	93	Resp:	227177
Ion Ratio	Lower	Upper	
93	100		
66	40.7	30.0	45.0
65	19.8	14.7	22.1





#7

Phenol-d6

Concen: 129.925 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

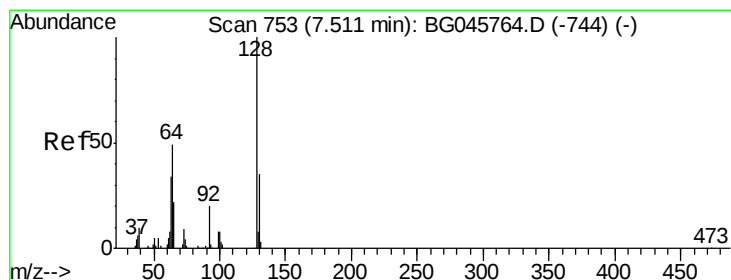
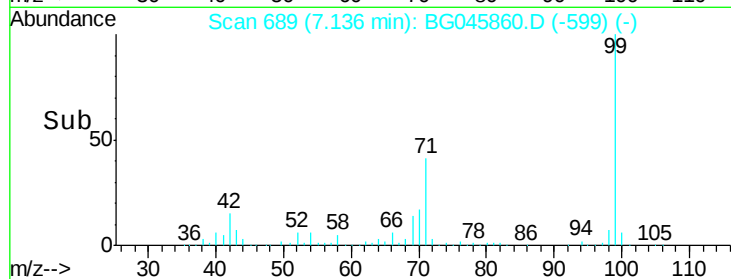
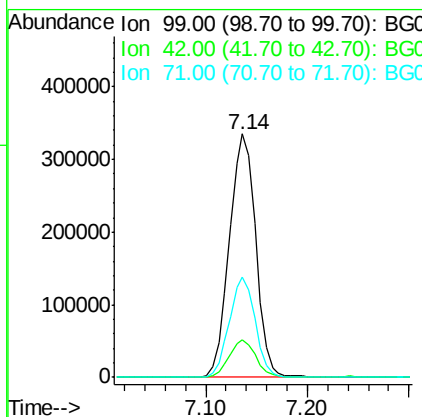
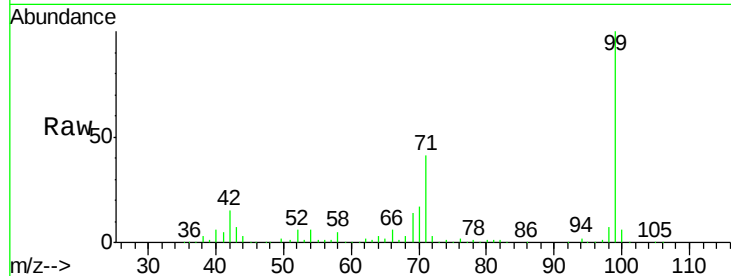
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		605679		
42	15.4	12.4	18.6		
71	41.4	32.1	48.1		

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#8

2-Chlorophenol

Concen: 47.252 ng

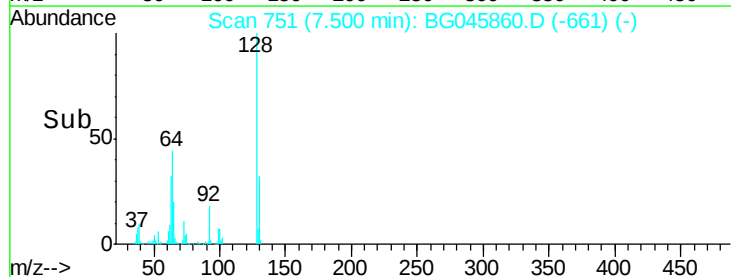
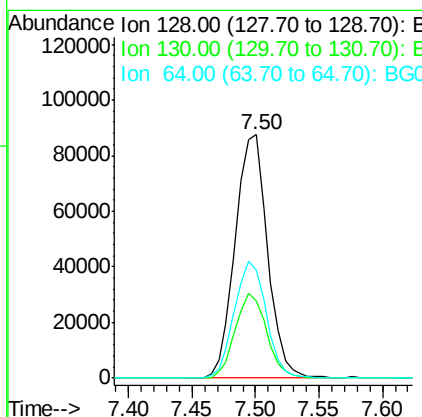
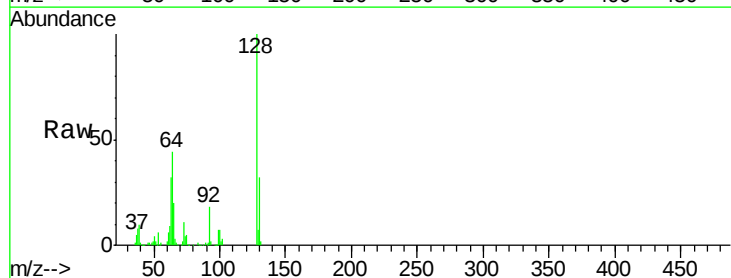
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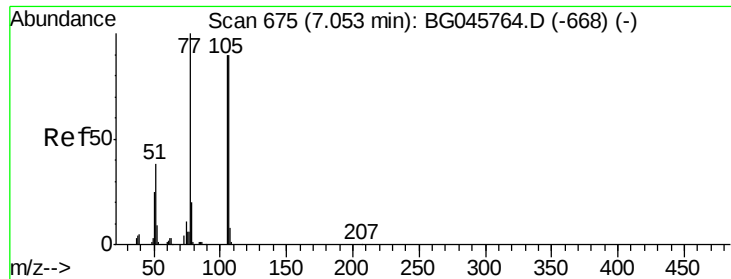
Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		155008		
130	31.8	14.5	54.5		
64	44.4	31.6	71.6		





#9

Benzaldehyde

Concen: 32.383 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

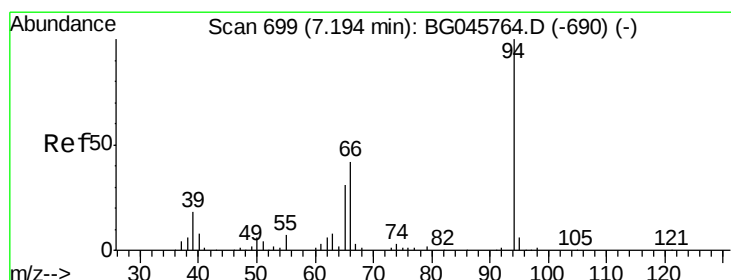
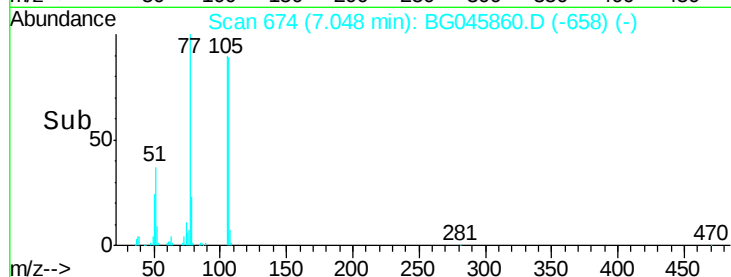
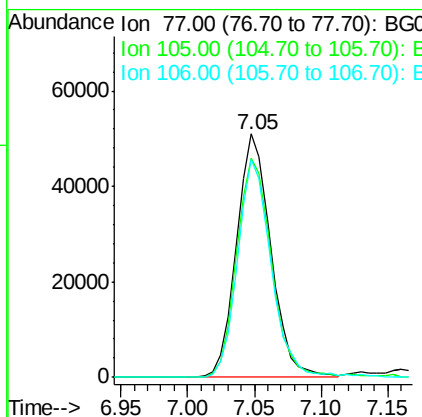
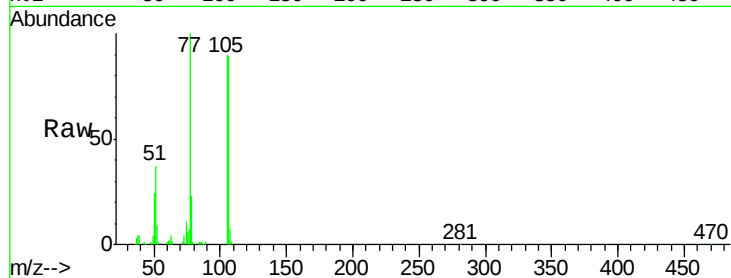
ClientSampleId :

PB129763BSD

Tot Ion:	77	Resp:	90671
Ion	Ratio	Lower	Upper
77	100		
105	89.9	70.4	110.4
106	89.4	70.2	110.2

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#10

Phenol

Concen: 45.497 ng

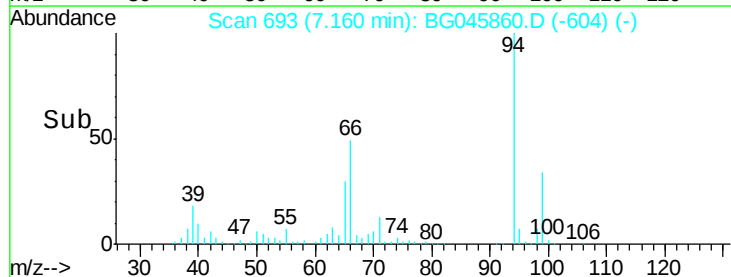
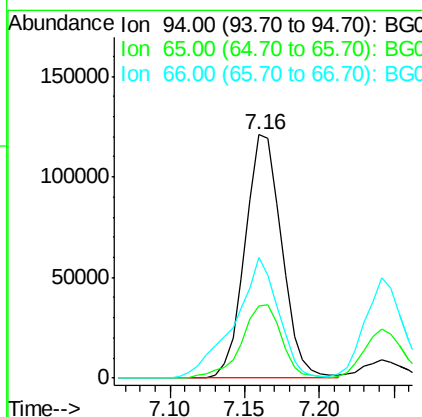
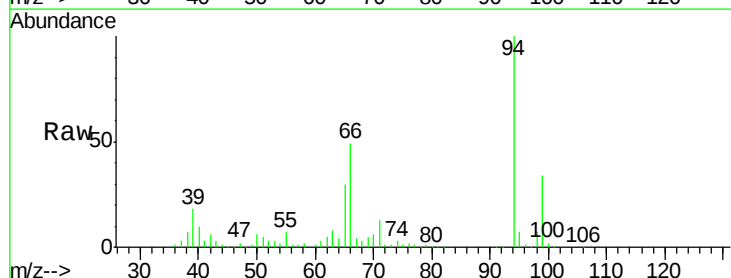
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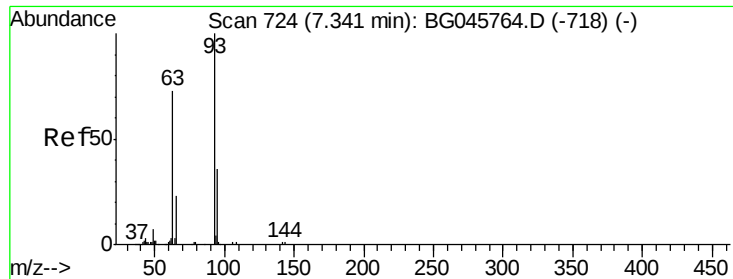
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	94	Resp:	205509
Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.7	50.7
66	49.4	22.5	62.5





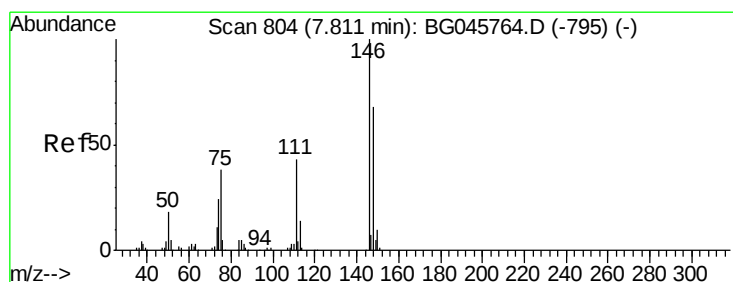
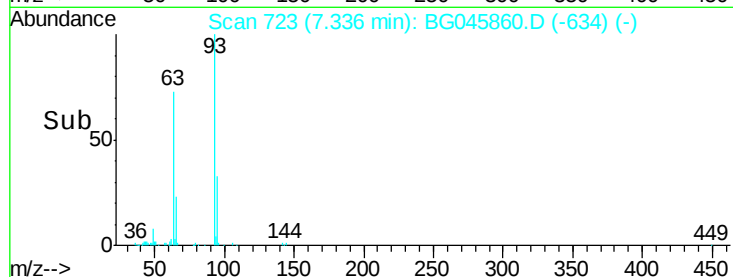
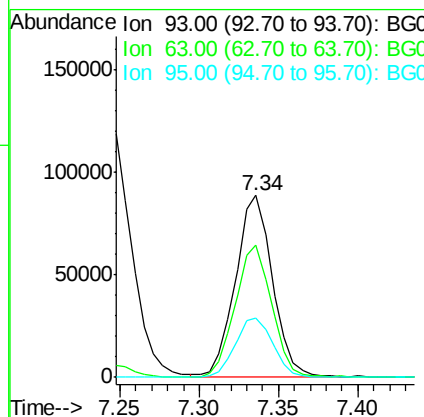
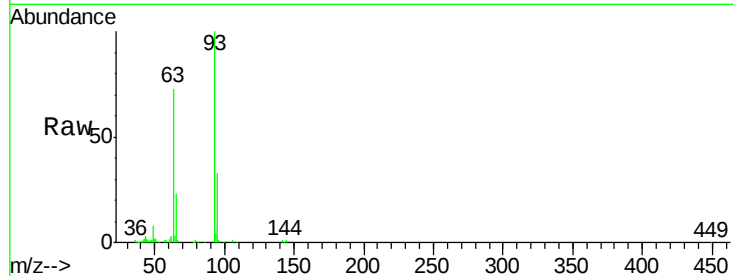
#11
bis(2-Chloroethyl)ether
Concen: 41.564 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	142601		
63	72.7	52.0	92.0	
95	32.8	15.6	55.6	

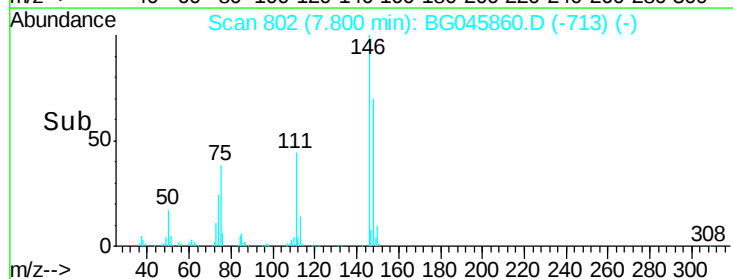
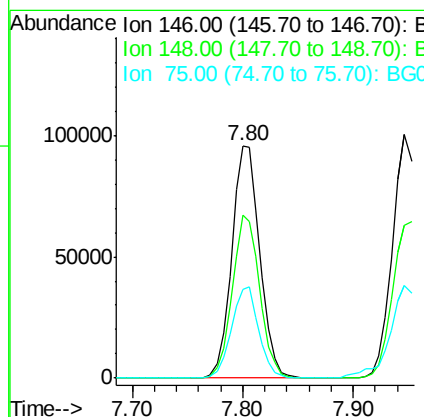
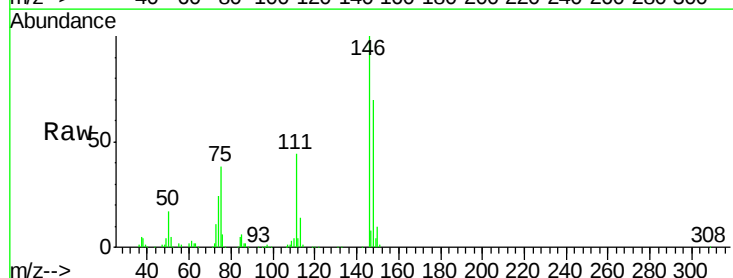
Manual Integrations
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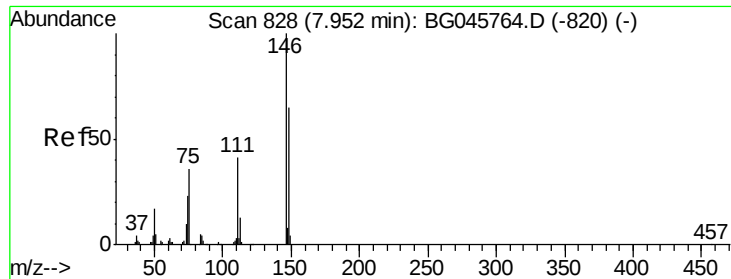
mohammad
6/26/2020 12:37:38 PM



#12
1,3-Dichlorobenzene
Concen: 43.389 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169623		
148	70.2	54.2	81.4	
75	38.4	30.1	45.1	





#13

1,4-Dichlorobenzene

Concen: 44.342 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

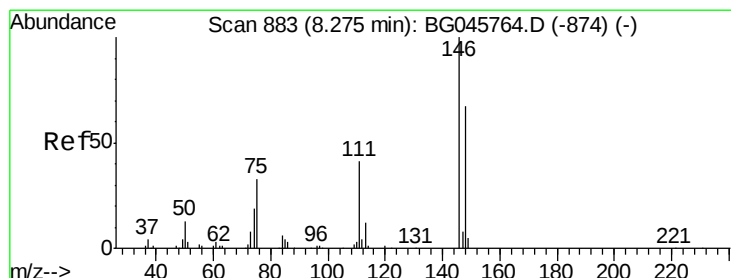
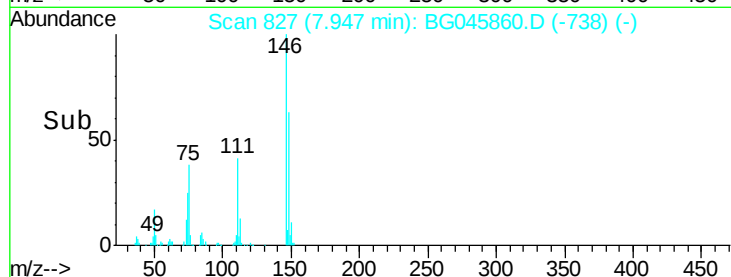
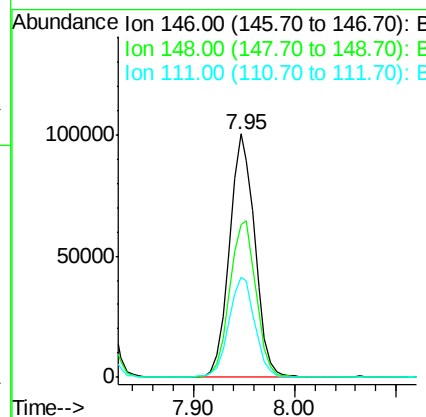
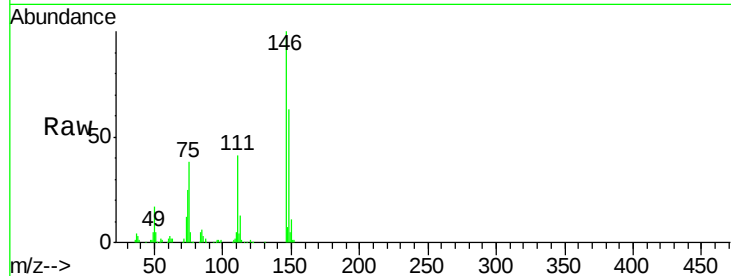
ClientSampleId :

PB129763BSD

Tot Ion:	146	Resp:	173149
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
111	41.1	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 43.011 ng

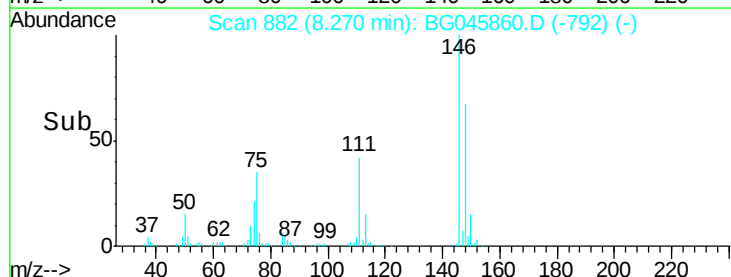
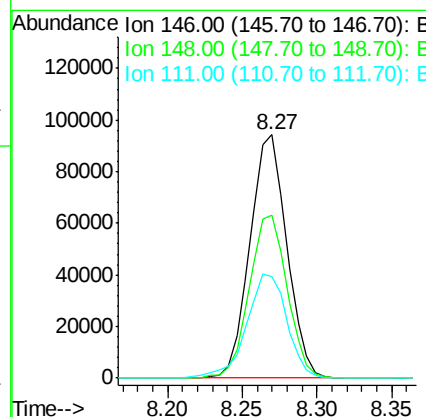
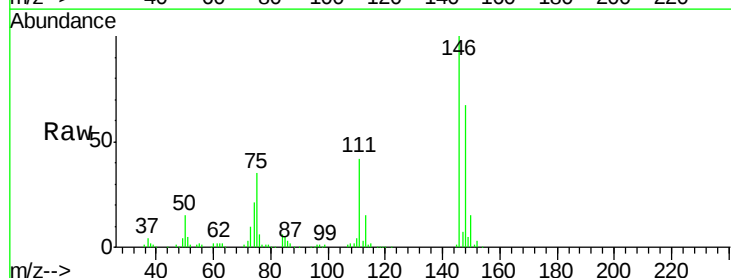
RT: 8.27 min Scan# 882

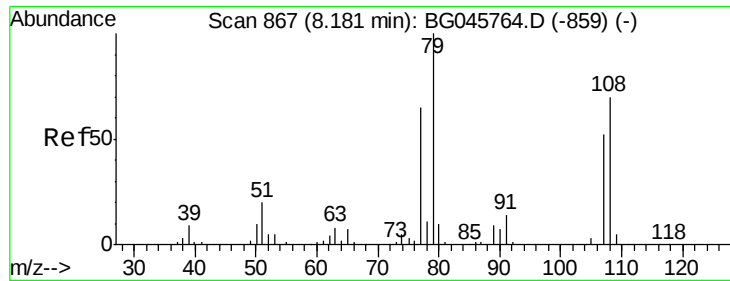
Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	146	Resp:	160788
Ion Ratio	Lower	Upper	
146	100		
148	66.7	54.1	81.1
111	41.7	32.9	49.3





#15

Benzyl Alcohol

Concen: 43.716 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

ClientSampleID :

PB129763BSD

Tot Ion: 79 Resp: 157709

Ion Ratio Lower Upper

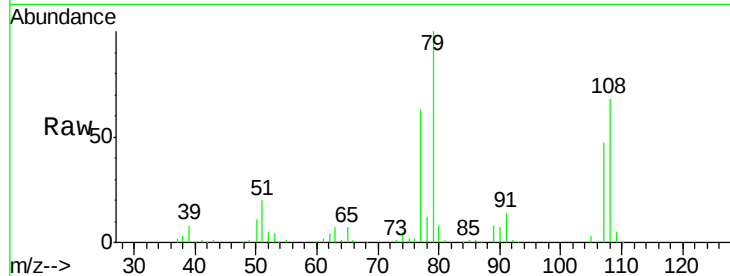
79 100

108 67.8 56.2 84.4

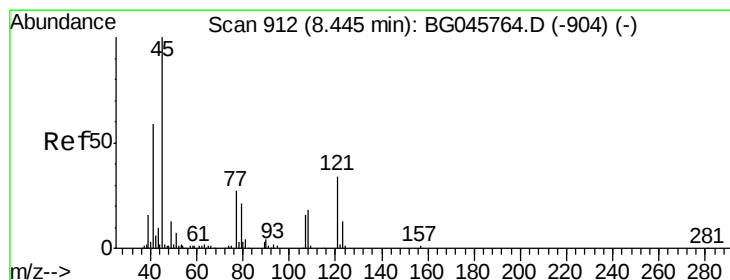
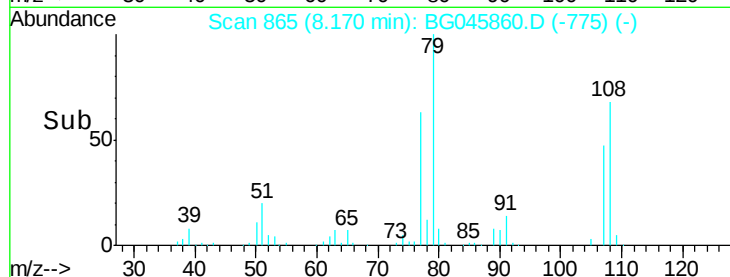
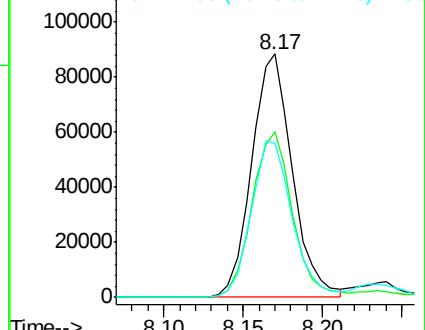
77 63.4 52.2 78.2

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.077 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

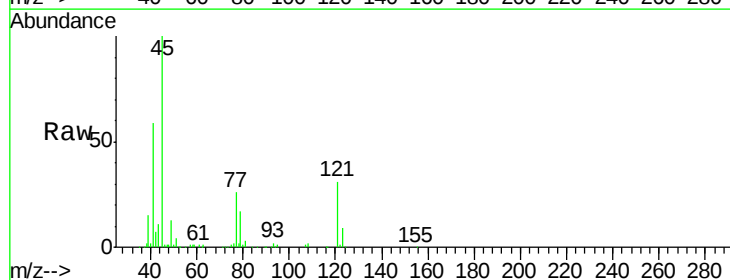
Tgt Ion: 45 Resp: 132823

Ion Ratio Lower Upper

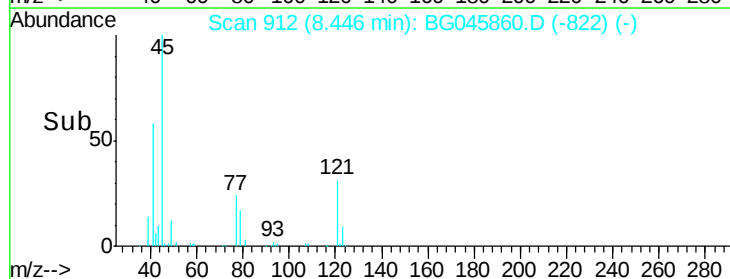
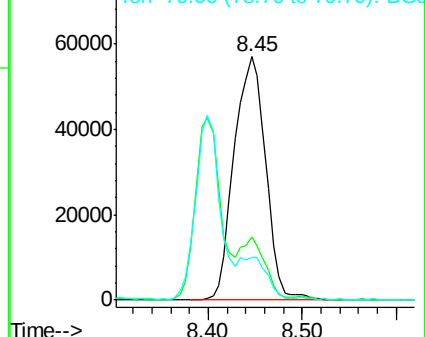
45 100

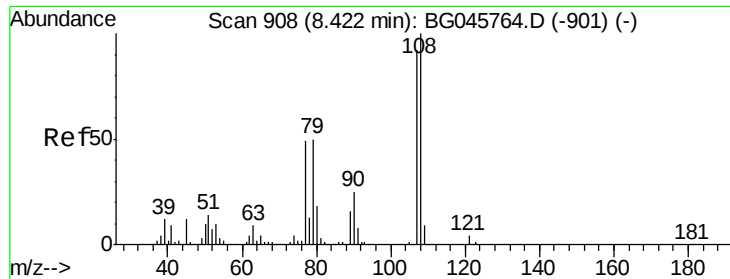
77 26.0 14.9 54.9

79 17.4 9.2 49.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





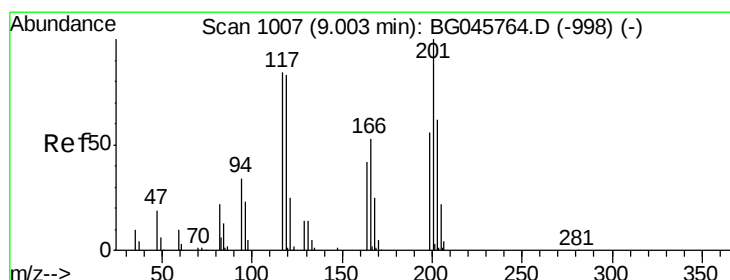
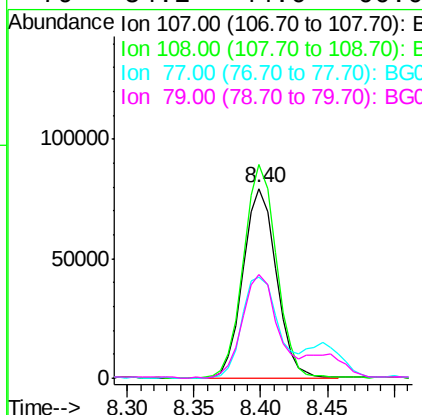
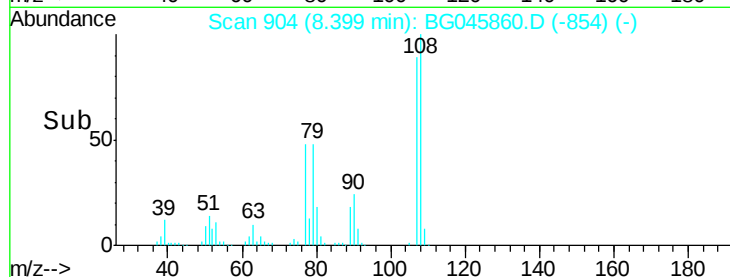
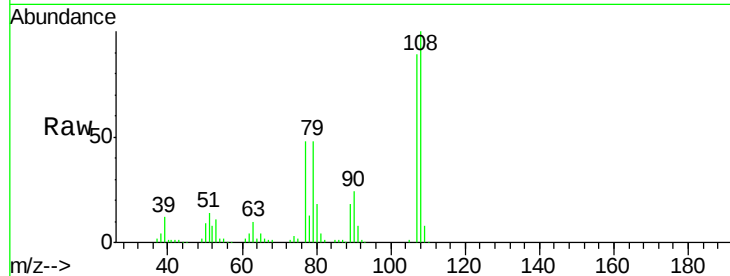
#17
2-Methylphenol
Concen: 40.909 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	107	Resp	137516
Ion Ratio	Lower	Upper	
107	100		
108	112.4	87.4	131.0
77	53.5	42.5	63.7
79	54.2	44.0	66.0

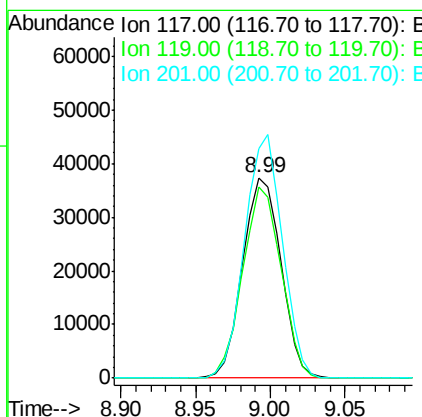
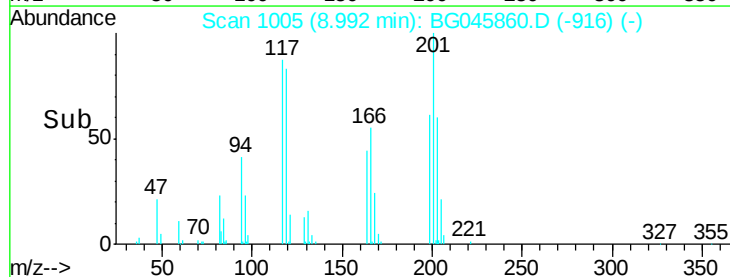
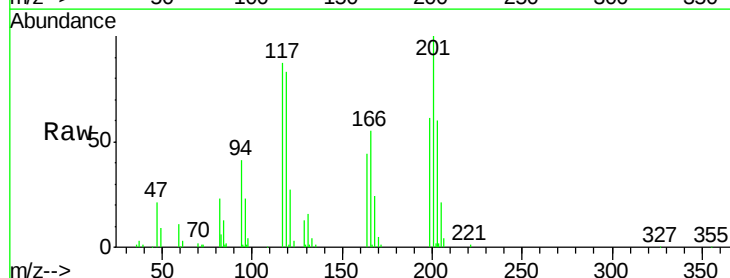
Manual Integrations
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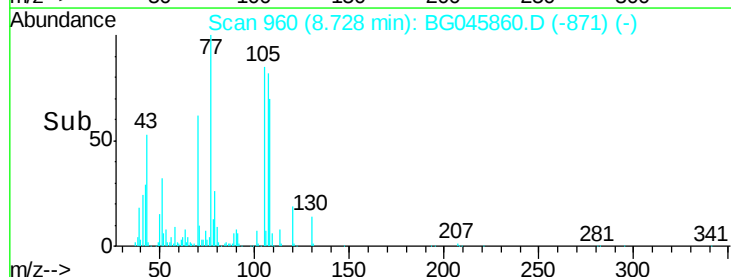
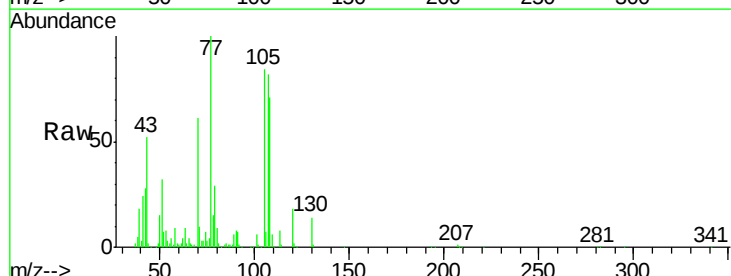
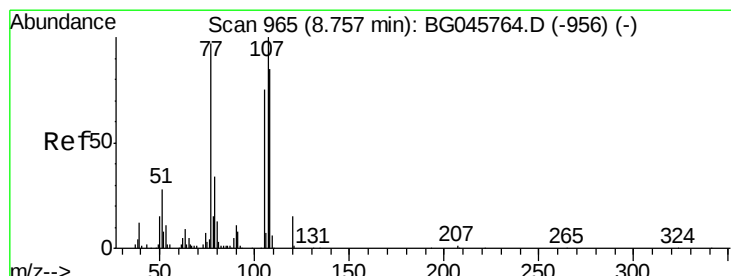
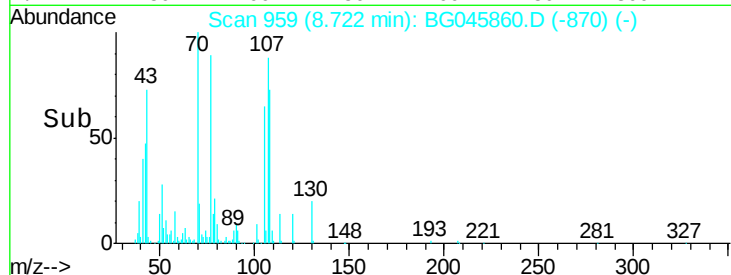
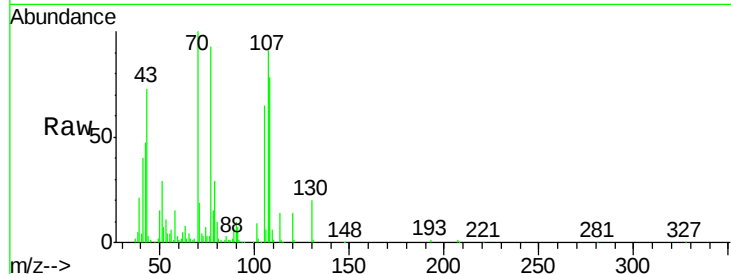
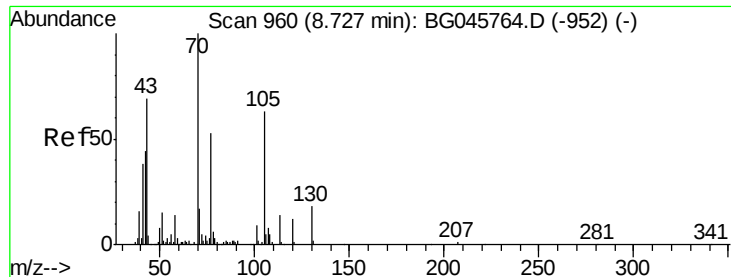
mohammad
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#18
Hexachloroethane
Concen: 44.797 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

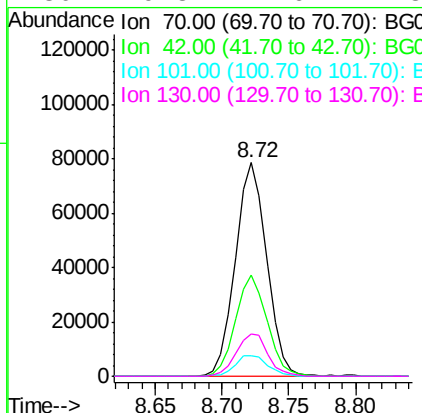
Tgt Ion	117	Resp	66437
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.9	118.3
201	114.5	95.5	143.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.707 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.5	35.1	52.7	
101	9.5	7.4	11.0	
130	19.8	14.6	21.8	



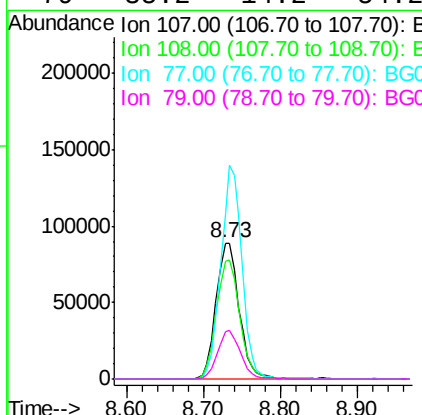
Instrument :
BNA_G
ClientSampleId :
PB129763BSD

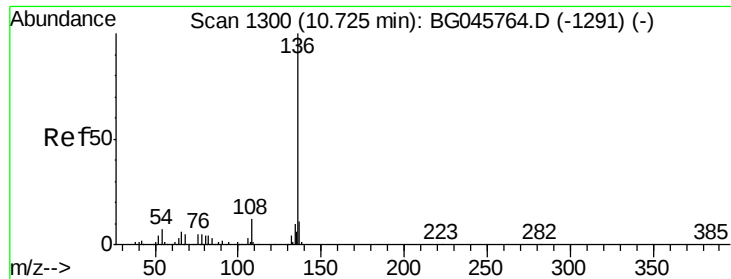
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#20
3+4-Methylphenols
Concen: 41.936 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	65.4	105.4	
77	122.1	77.2	117.2	
79	35.2	14.2	54.2	





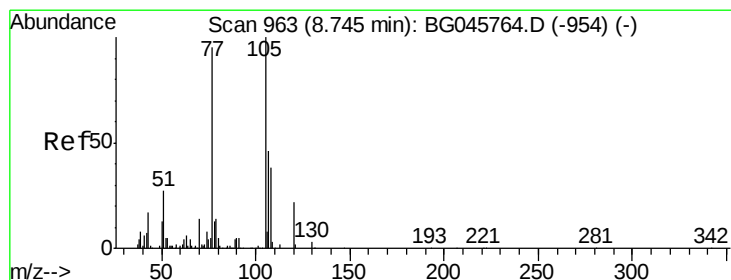
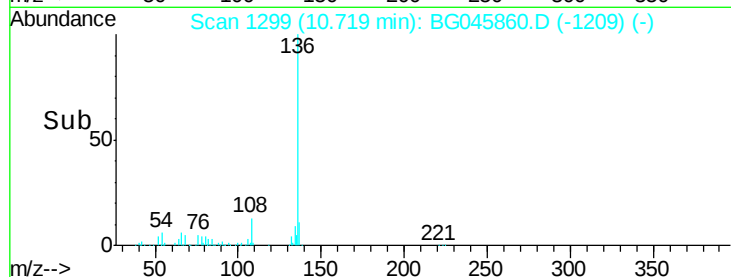
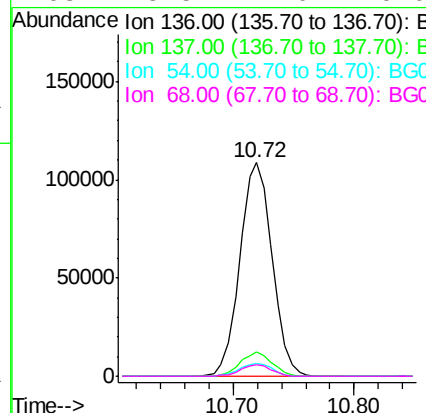
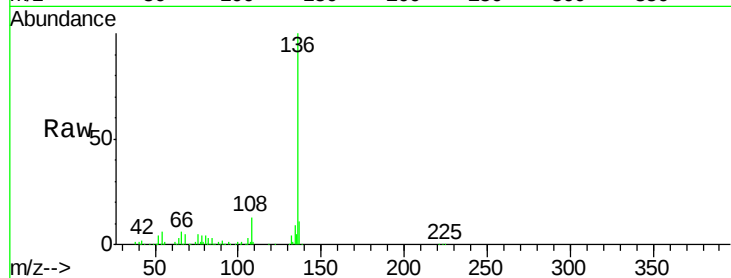
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	201977		
137	11.5		8.7	13.1
54	5.9		5.8	8.6
68	5.5		4.0	6.0

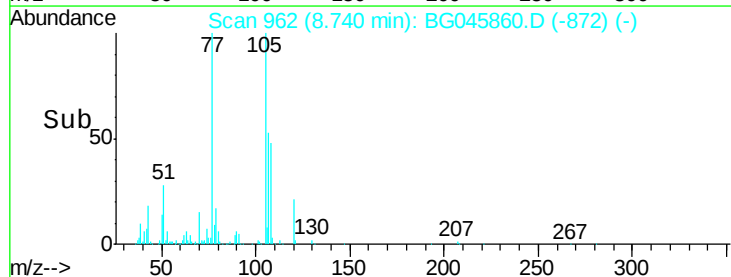
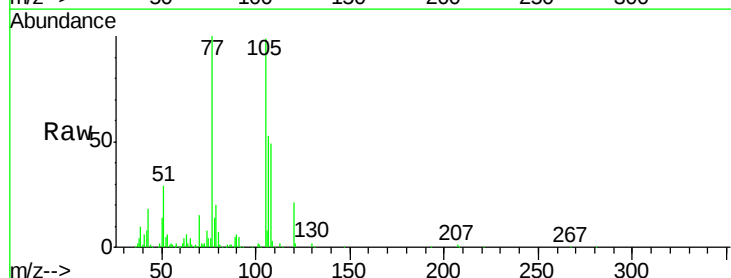
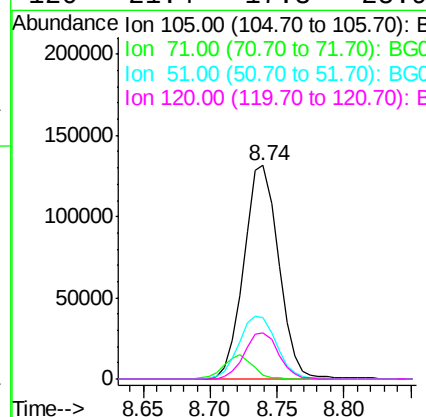
Manual Integrations
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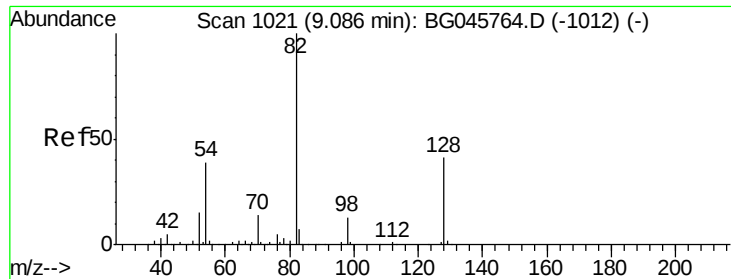
mohammad
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#22
Acetophenone
Concen: 42.796 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237248		
71	2.1		1.8	2.8
51	29.0		21.9	32.9
120	21.4		17.3	25.9





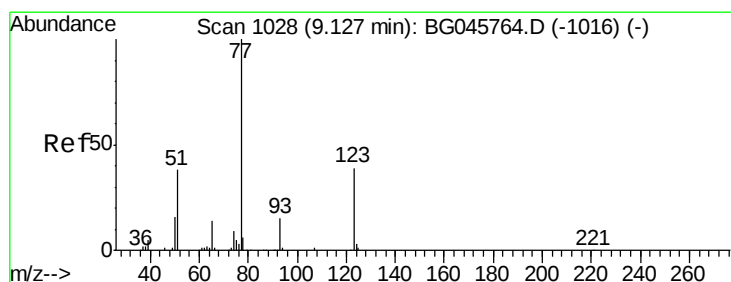
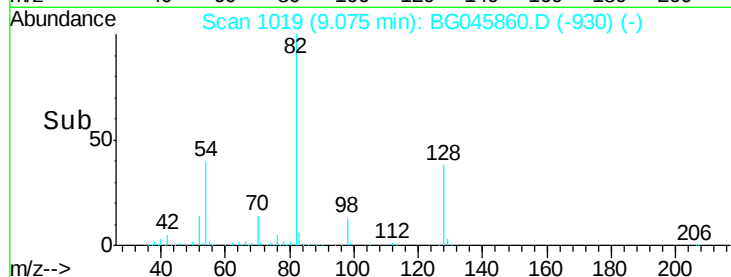
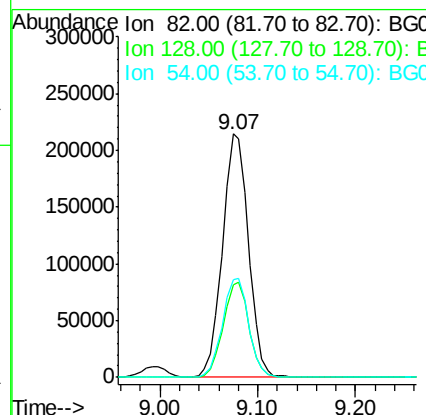
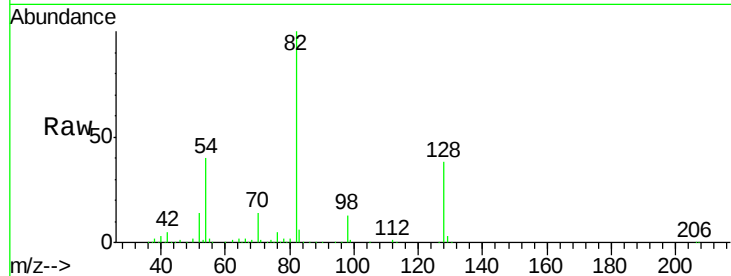
#23
 Nitrobenzene-d5
 Concen: 89.244 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampled :
 PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	394570		
128	38.0		32.5	48.7
54	40.3		31.2	46.8

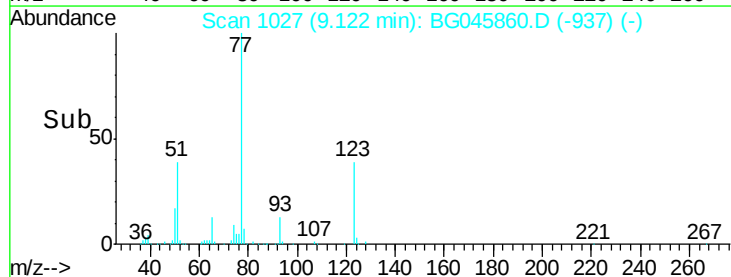
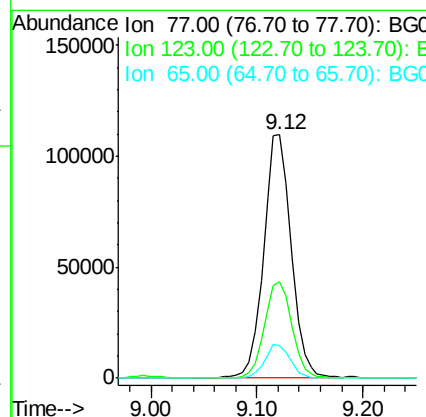
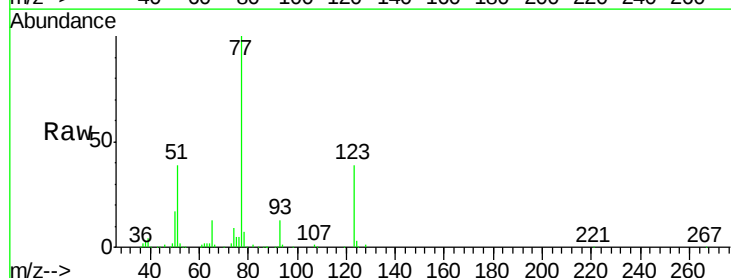
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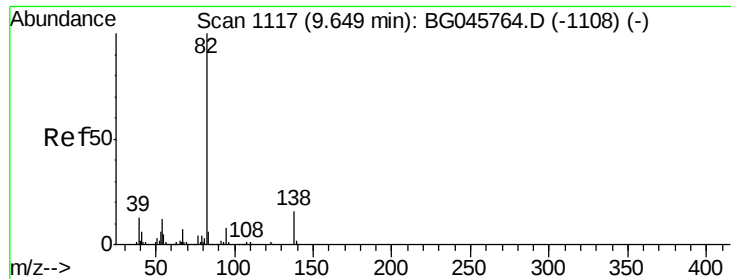
mohammad
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#24
 Nitrobenzene
 Concen: 42.222 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	199040		
123	39.5		31.2	46.8
65	13.2		11.4	17.2





#25

Isophorone

Concen: 41.211 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

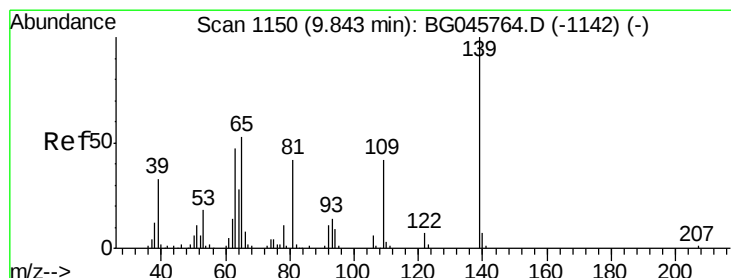
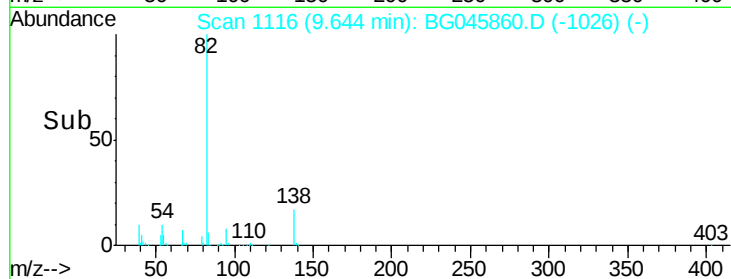
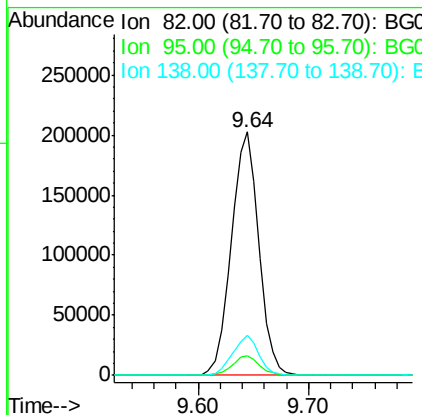
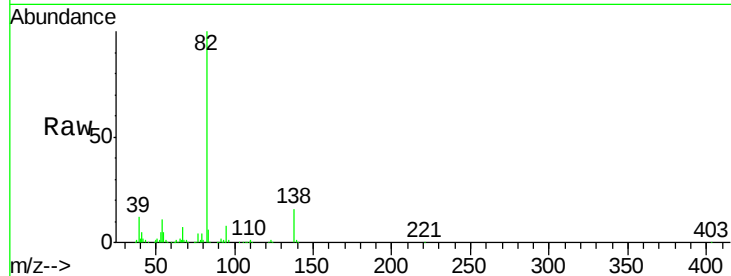
ClientSampleId :

PB129763BSD

Tot Ion:	82	Resp:	352729
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.4
138	16.4	12.6	18.8

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#26

2-Nitrophenol

Concen: 43.933 ng

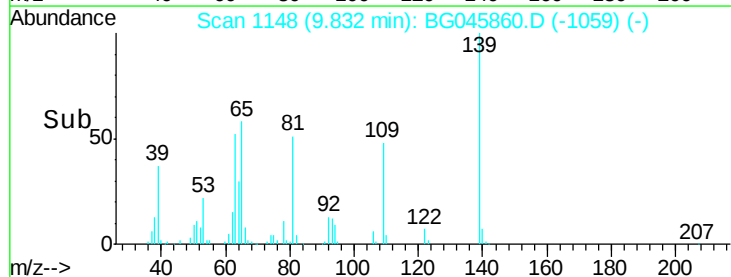
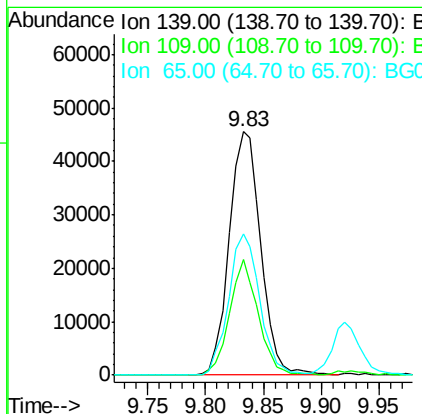
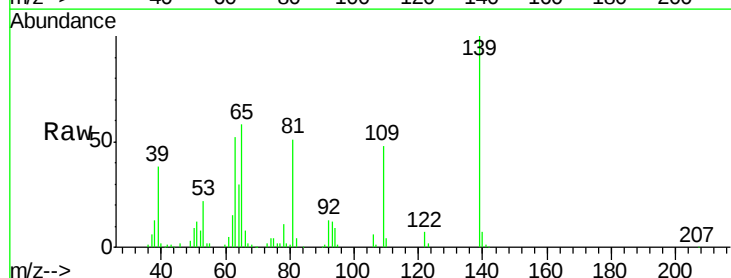
RT: 9.83 min Scan# 1148

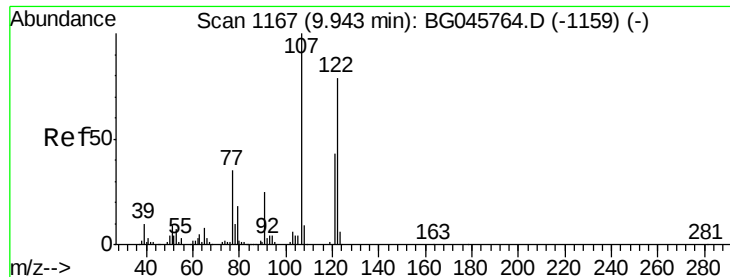
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	139	Resp:	86283
Ion Ratio	Lower	Upper	
139	100		
109	47.6	33.5	50.3
65	58.2	42.2	63.4





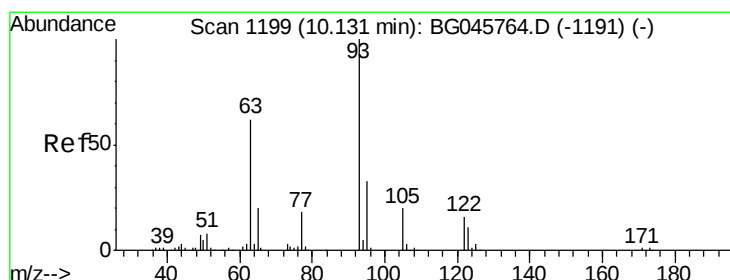
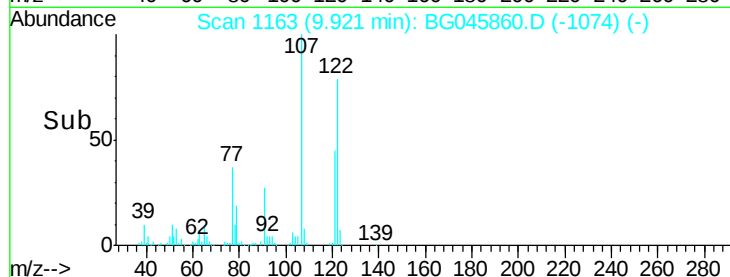
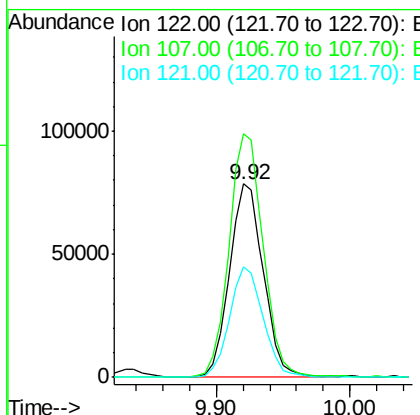
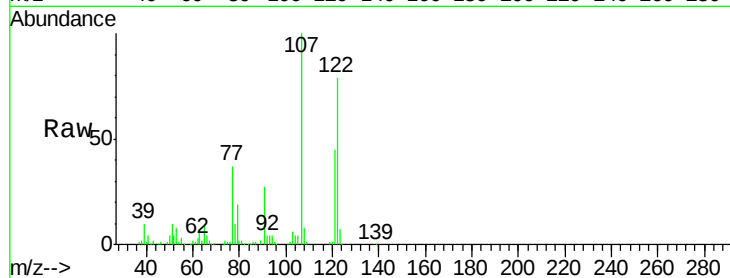
#27
2,4-Dimethylphenol
Concen: 46.138 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	101.3	151.9
121	57.2	43.9	65.9

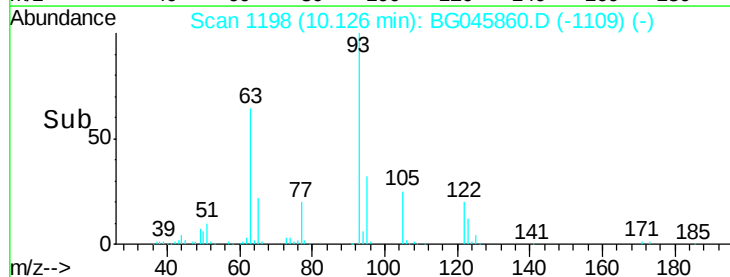
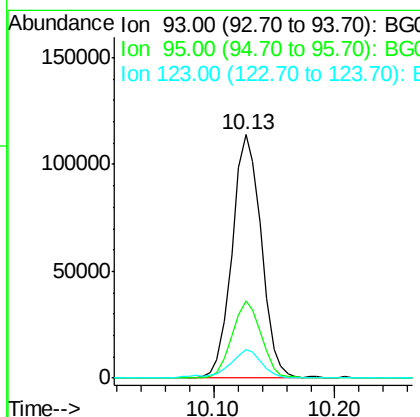
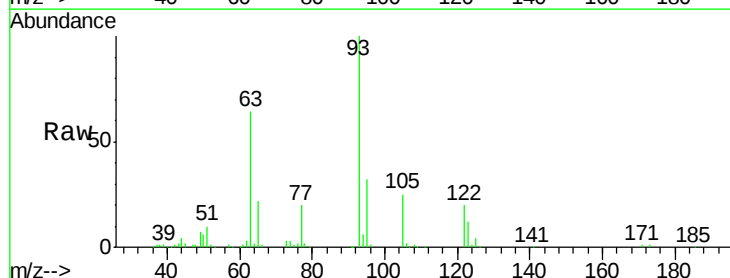
Manual Integrations
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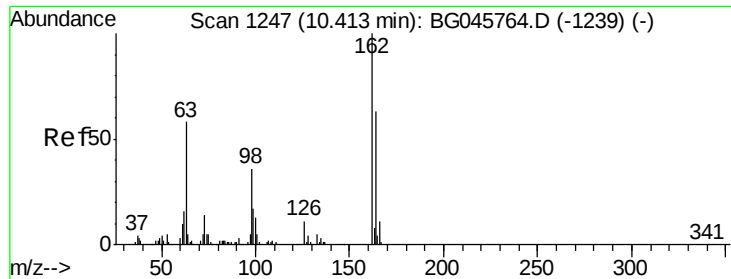
mohammad
6/26/2020 12:37:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.982 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	11.7	9.3	13.9





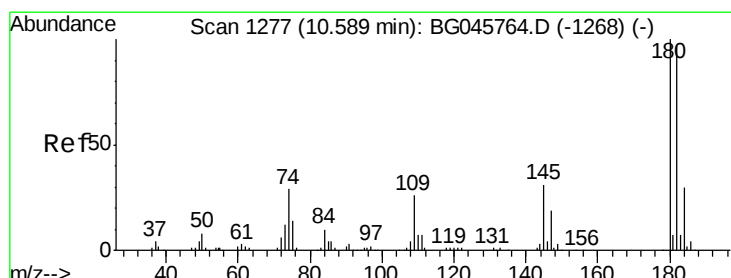
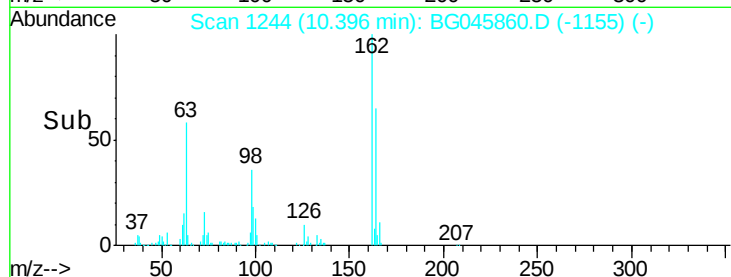
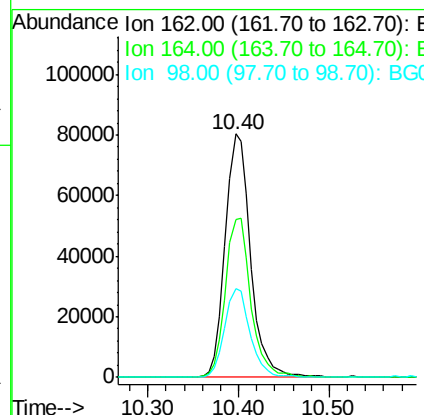
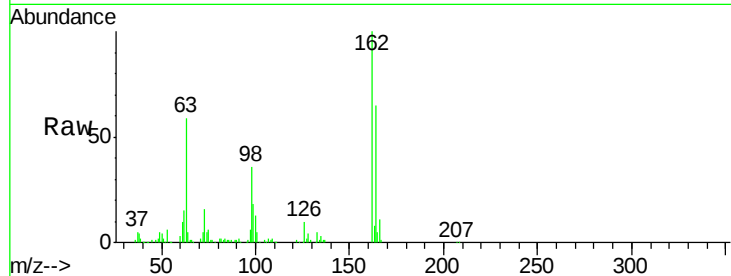
#29
2,4-Dichlorophenol
Concen: 44.668 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	156264		
164	65.1	43.3	83.3	
98	36.2	15.5	55.5	

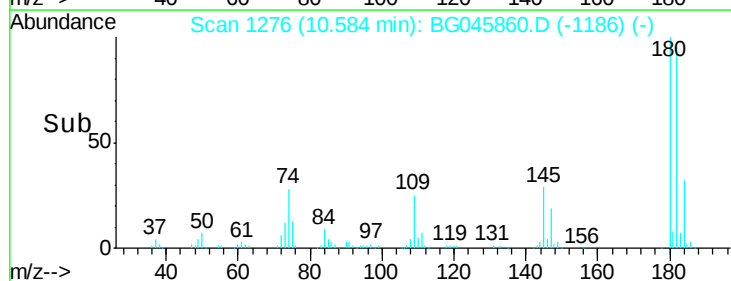
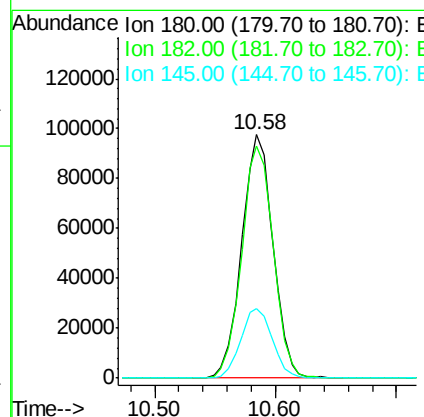
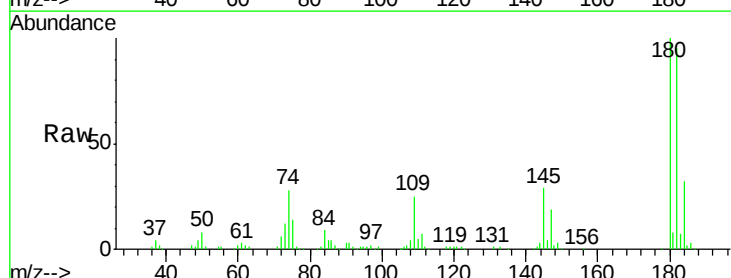
Manual Integrations
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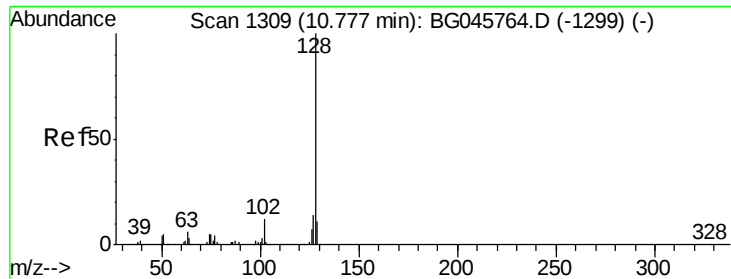
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.551 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	176224		
182	95.4	77.8	116.6	
145	28.7	24.5	36.7	





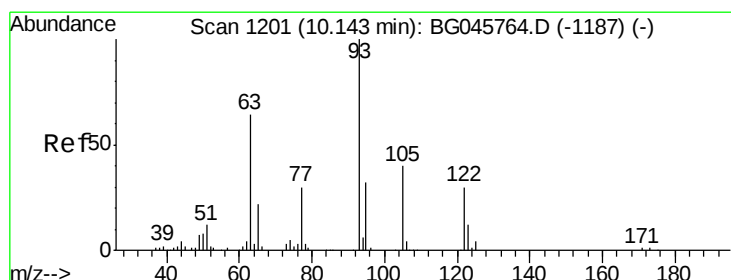
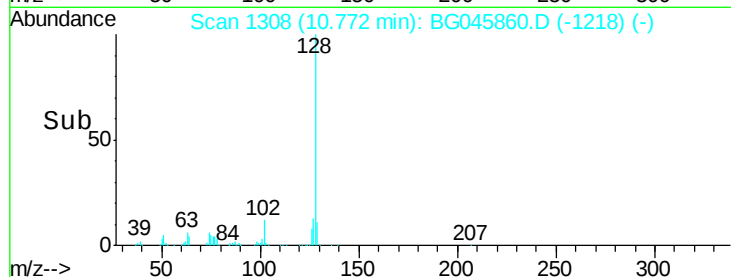
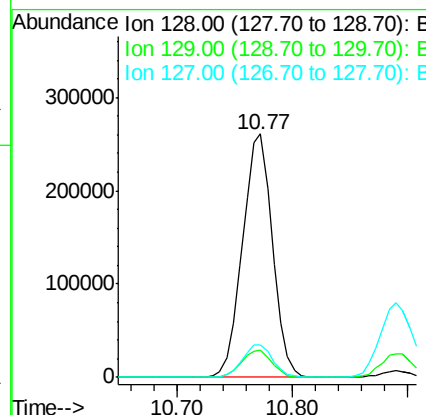
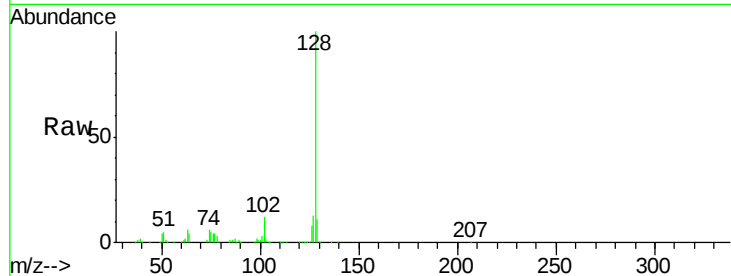
#31
Naphthalene
Concen: 42.444 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.3	10.9	16.3

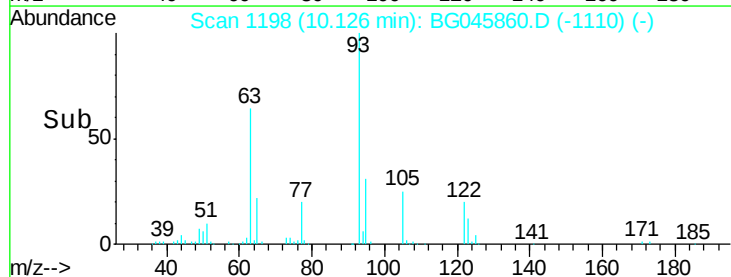
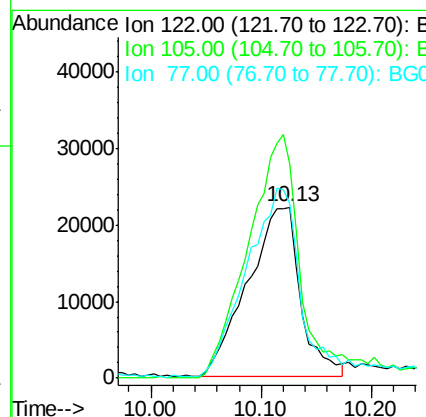
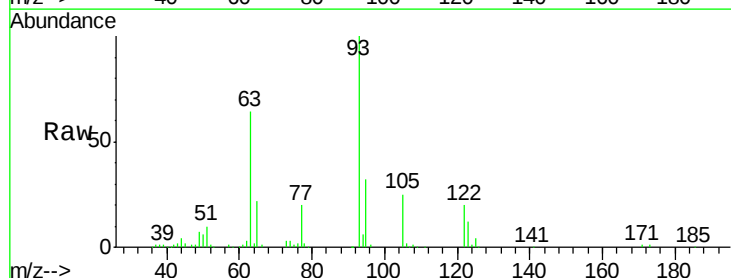
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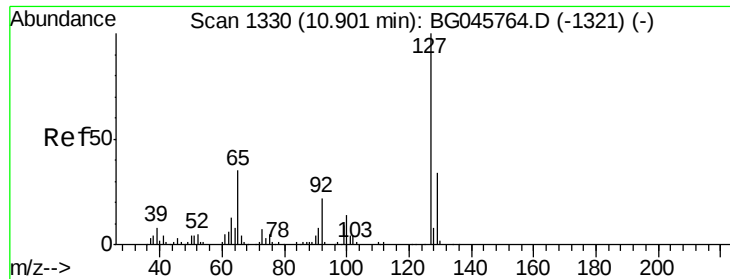
mohammad
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#32
Benzoic acid
Concen: 40.021 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	112.9	152.9
77	102.0	79.2	119.2





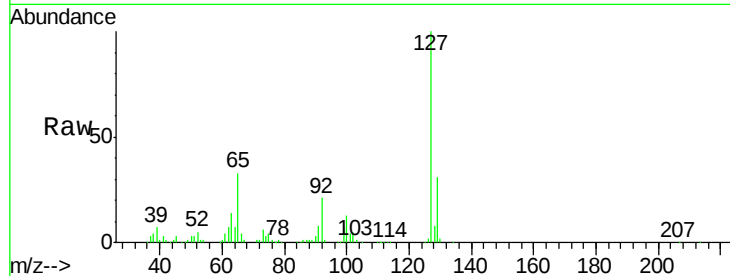
#33
4-Chloroaniline
Concen: 35.165 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	162610		
129	31.0	26.8	40.2	
65	33.3	27.8	41.8	
92	20.8	17.3	25.9	

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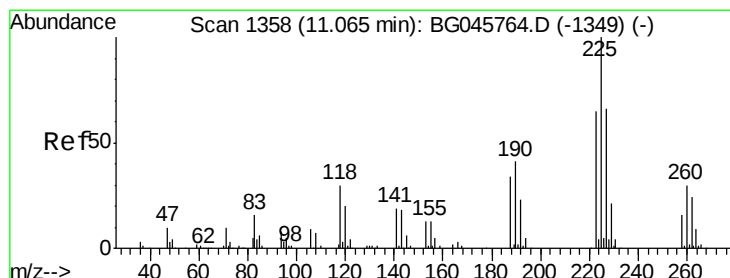
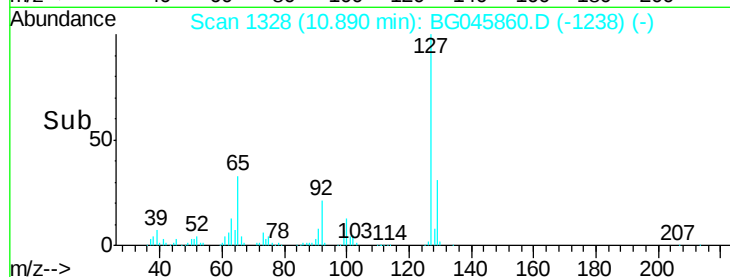
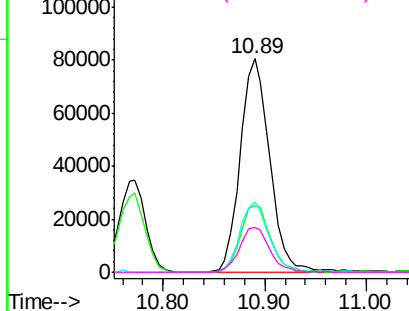
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

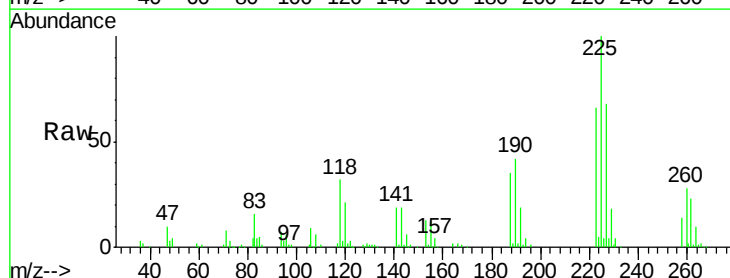
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.474 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122156		
223	66.2	52.0	78.0	
227	67.9	52.5	78.7	

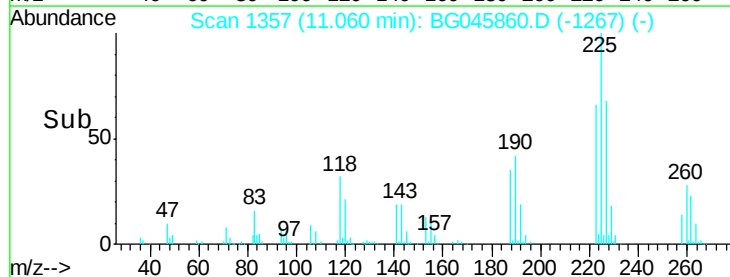
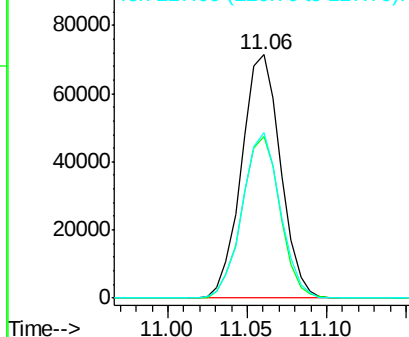


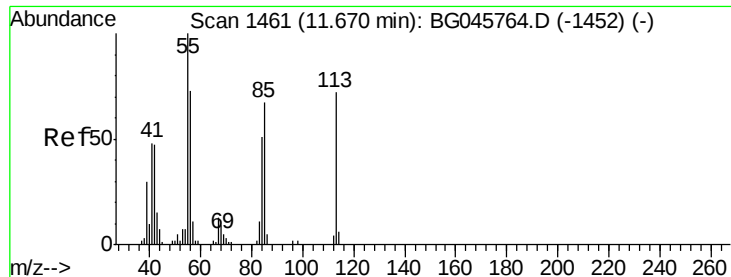
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.216 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

ClientSampleId :

PB129763BSD

Tot Ion:113 Resp: 51187

Ion Ratio Lower Upper

113 100

55 110.6 119.7 159.7#

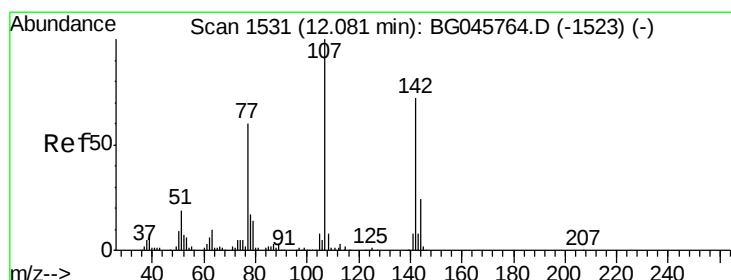
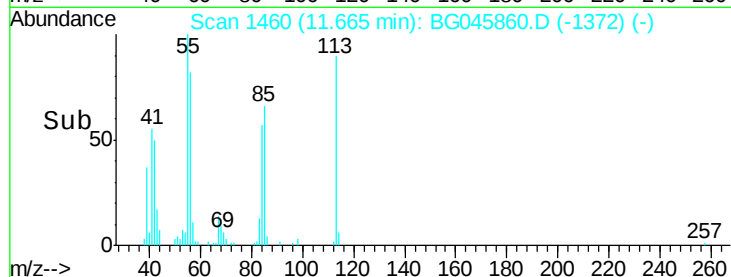
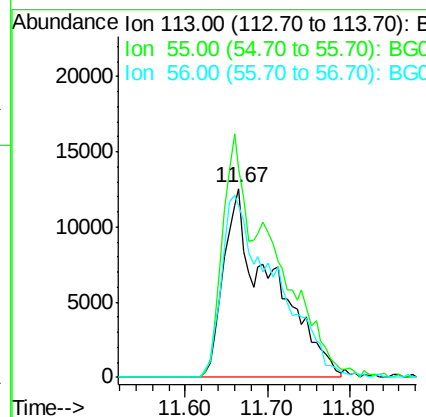
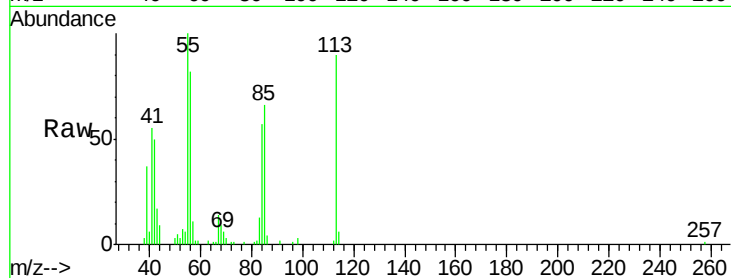
56 90.7 82.5 122.5

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#36

4-Chloro-3-methylphenol

Concen: 42.239 ng/mL

RT: 12.05 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

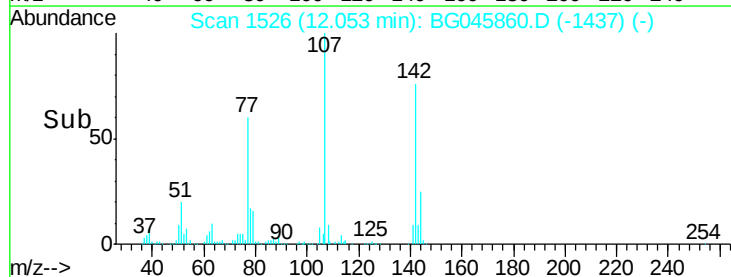
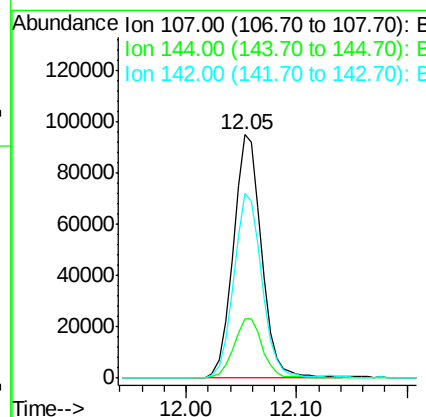
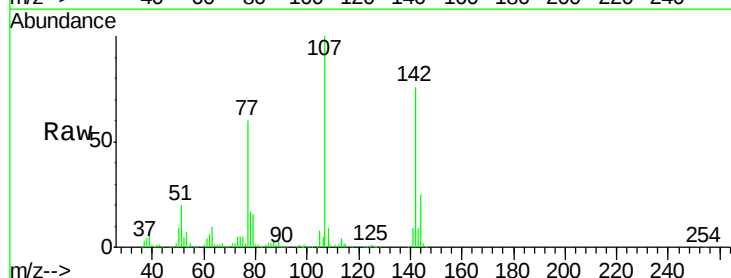
Tgt Ion:107 Resp: 170610

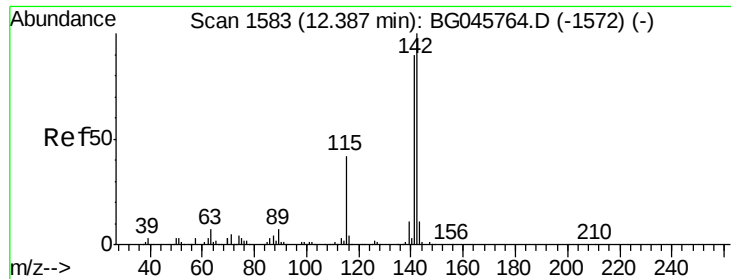
Ion Ratio Lower Upper

107 100

144 24.6 19.5 29.3

142 75.8 57.4 86.0





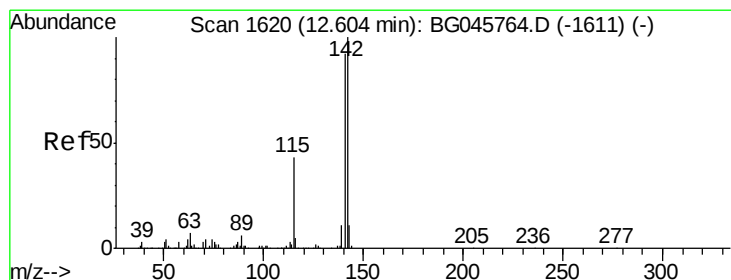
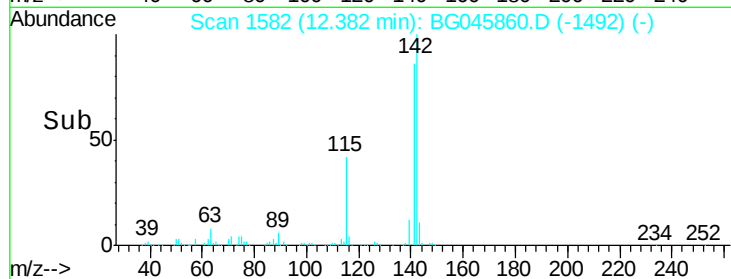
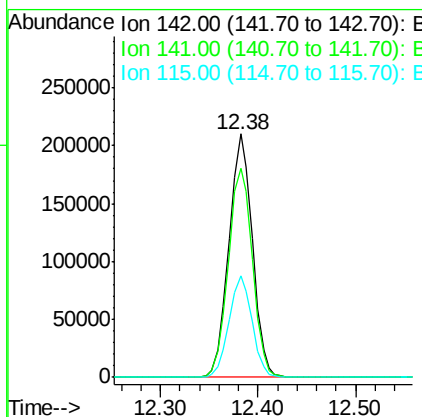
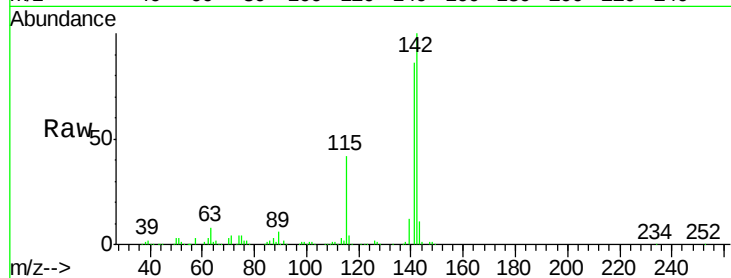
#37
2-Methylnaphthalene
Concen: 42.729 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.7	107.5
115	41.5	33.8	50.6

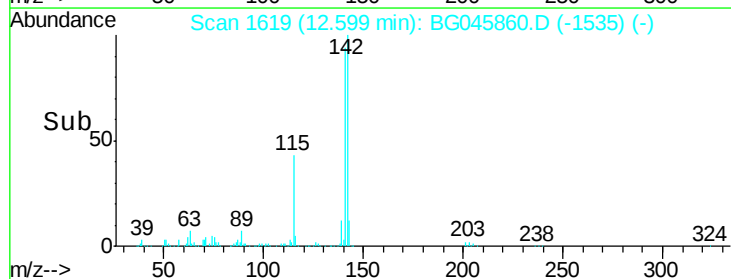
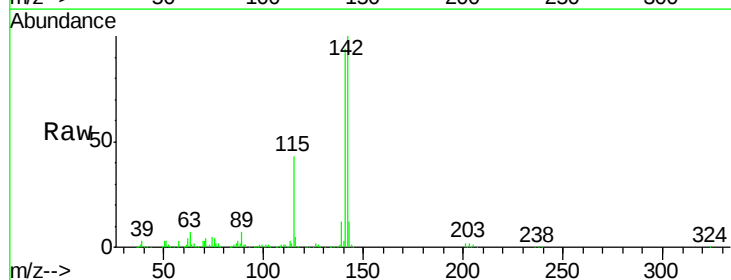
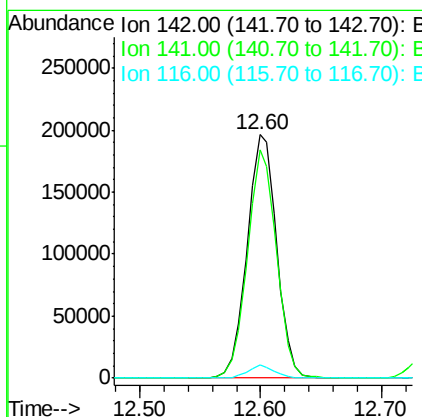
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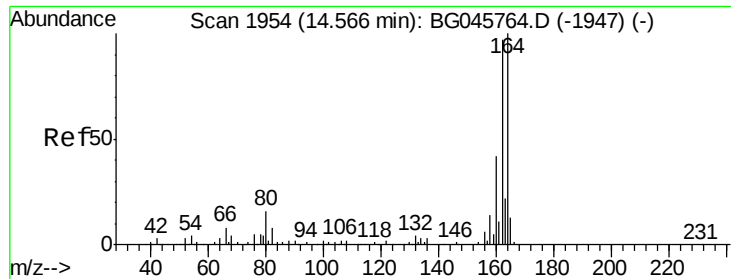
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#38
1-Methylnaphthalene
Concen: 42.864 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.8
116	5.5	3.8	5.8





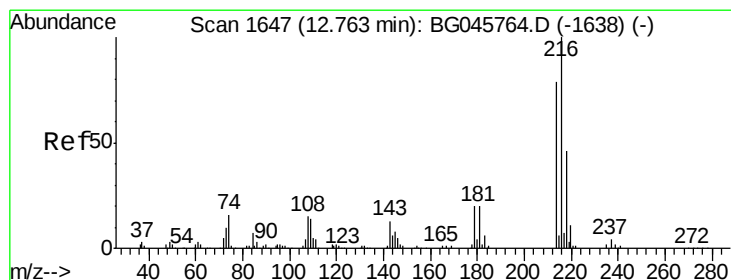
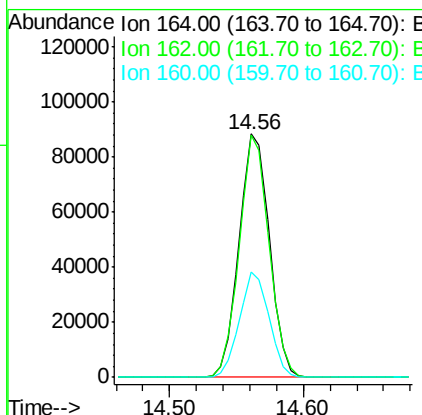
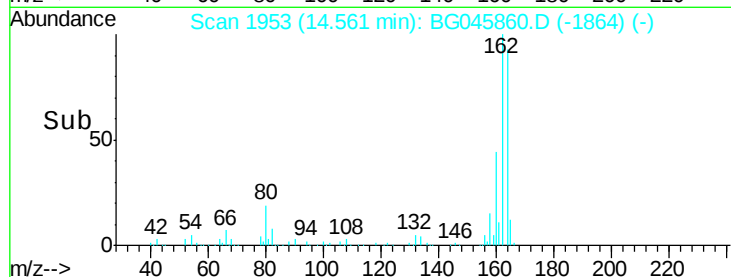
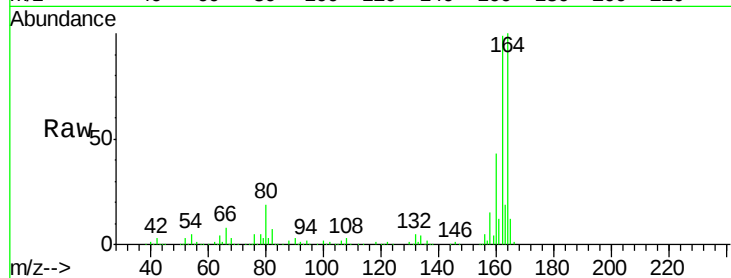
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	77.4	116.0
160	43.4	33.3	49.9

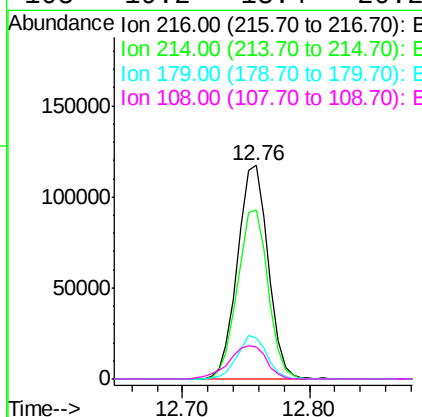
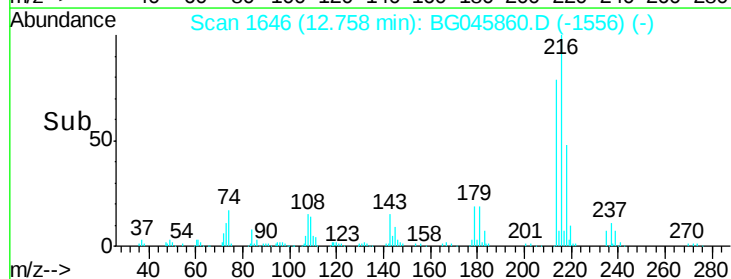
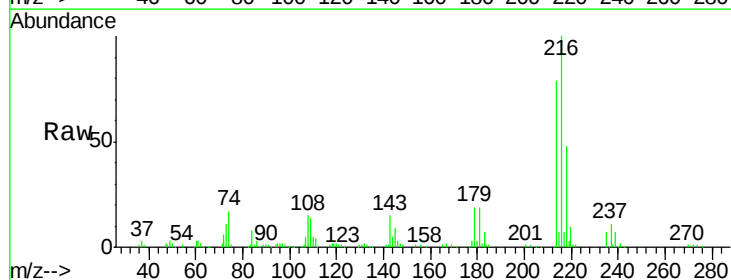
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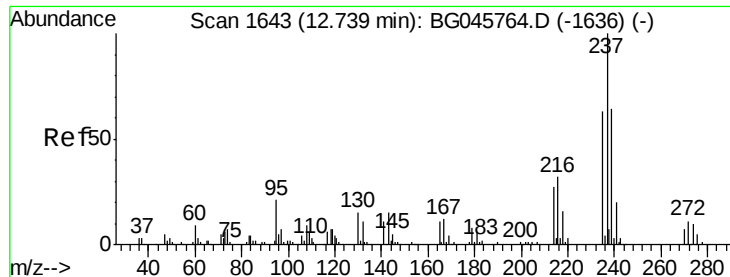
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.026 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.8	94.2
179	19.6	16.2	24.4
108	19.2	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 89.552 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

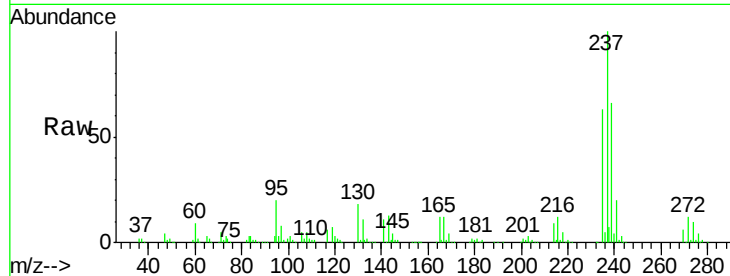
ClientSampleId :

PB129763BSD

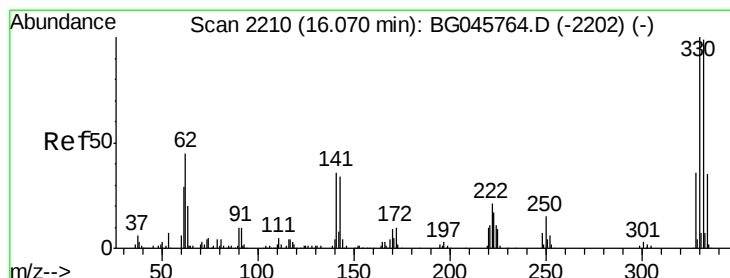
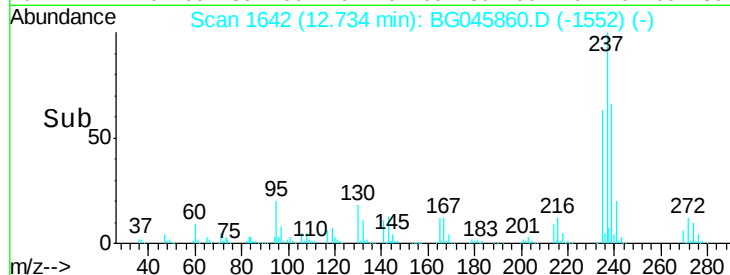
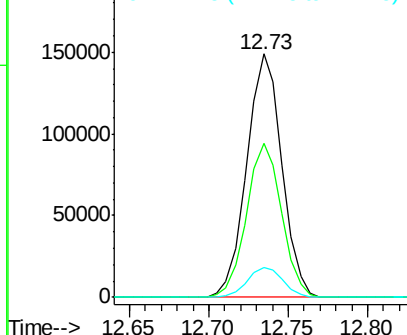
Tot Ion:	237	Resp:	228841
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.9	82.9
272	12.1	0.0	30.9

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



#42

2,4,6-Tribromophenol

Concen: 128.692 ng

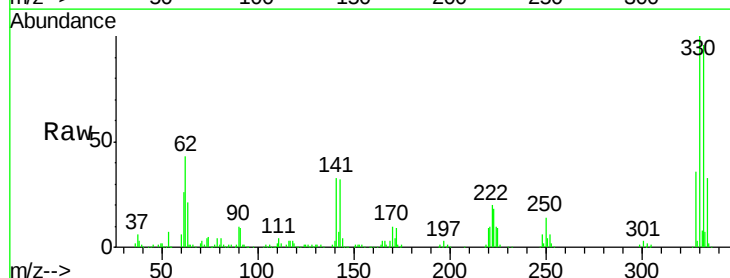
RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

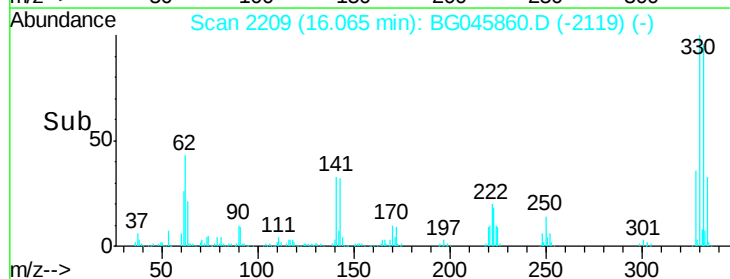
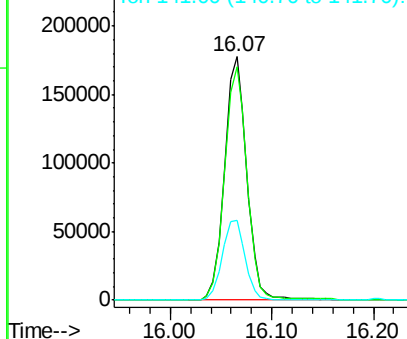
Lab File: BG045860.D

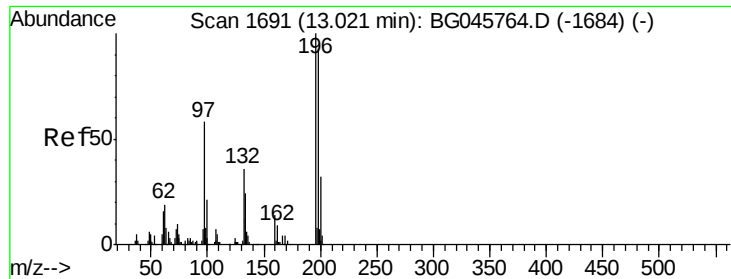
Acq: 25 Jun 2020 16:45

Tgt Ion:	330	Resp:	269591
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.6	117.8
141	34.2	28.2	42.4



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





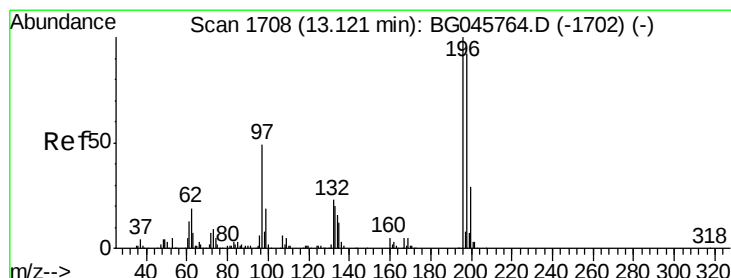
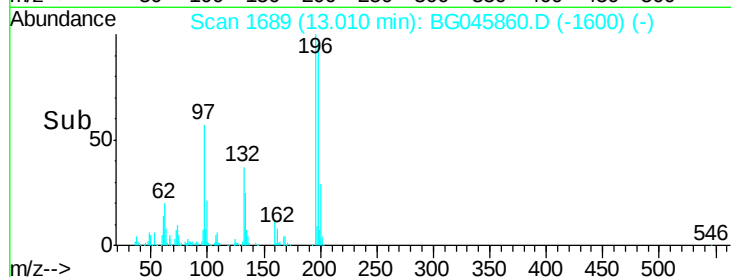
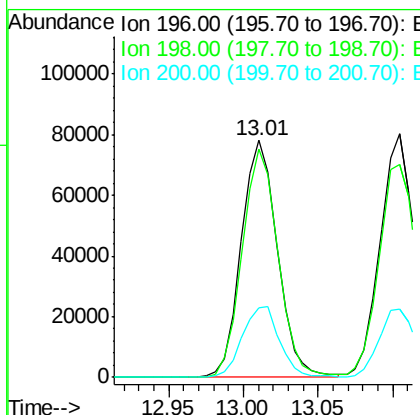
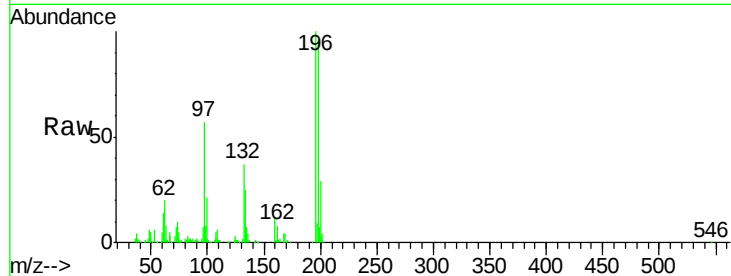
#43
 2,4,6-Trichlorophenol
 Concen: 42.288 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130996		
198	96.2	74.4	111.6	
200	29.3	25.4	38.2	

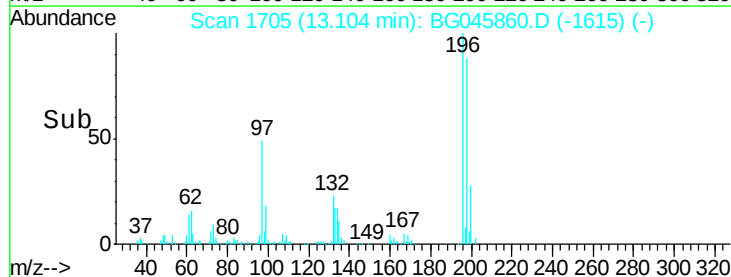
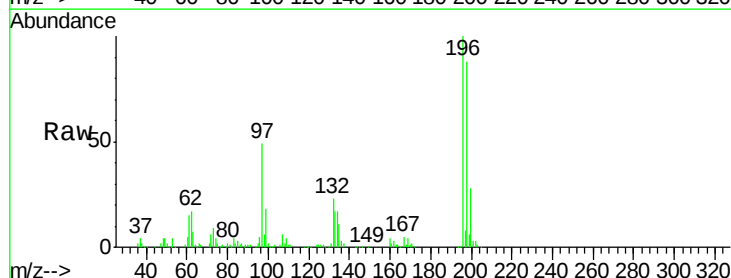
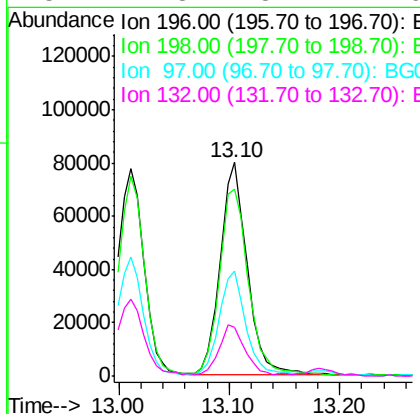
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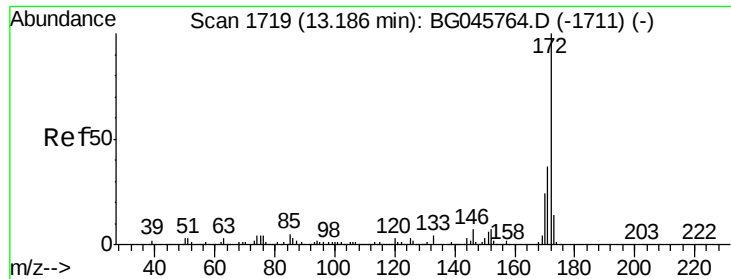
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.726 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136723		
198	87.7	74.0	111.0	
97	48.9	39.0	58.6	
132	22.8	18.4	27.6	





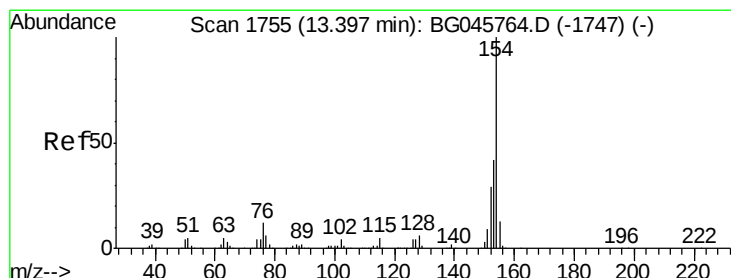
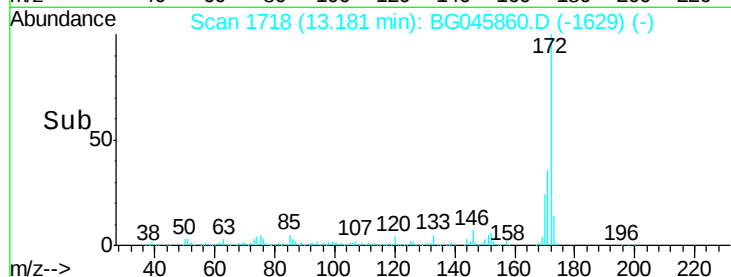
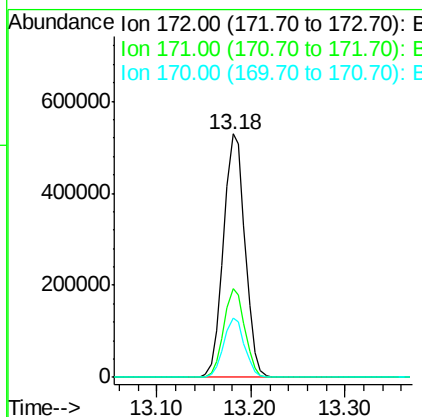
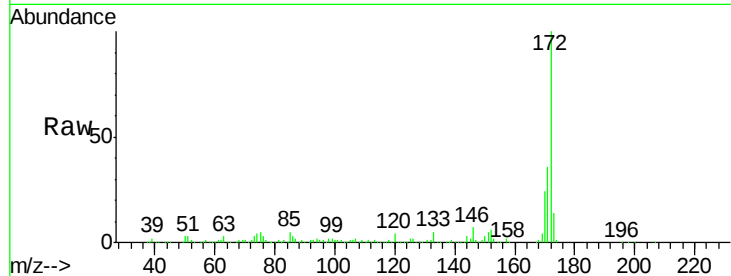
#45
2-Fluorobiphenyl
Concen: 89.373 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.1	19.3	28.9

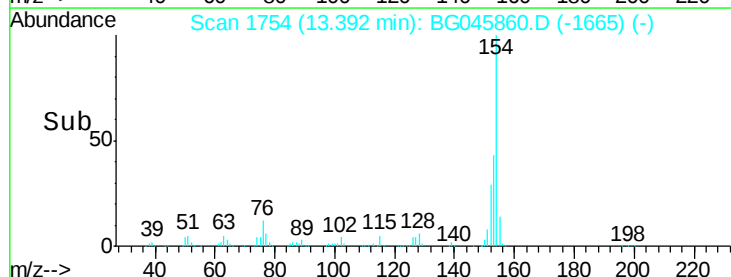
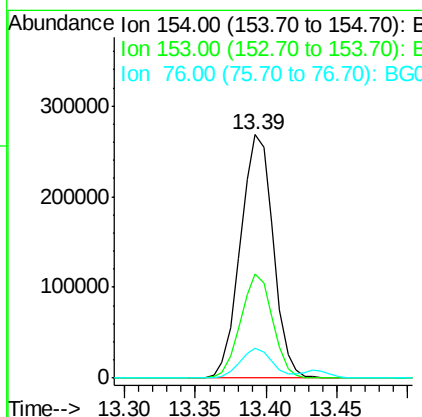
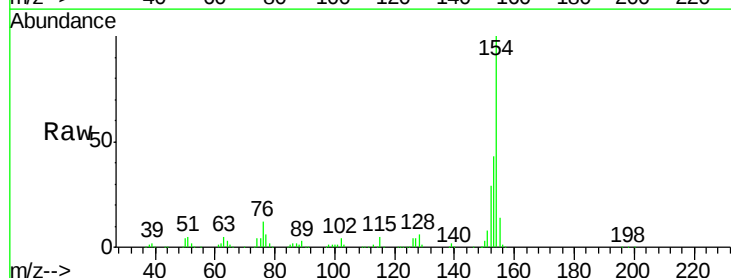
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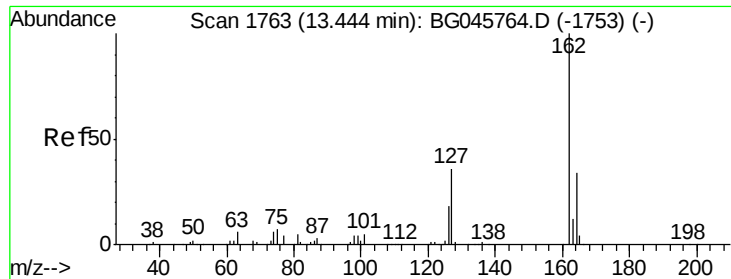
mohammad
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#46
1,1'-Biphenyl
Concen: 43.862 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.7	61.7
76	12.1	0.0	32.0





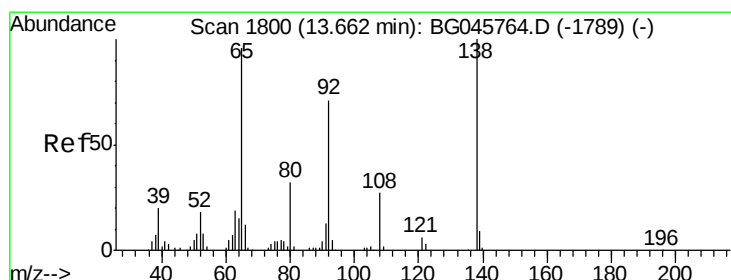
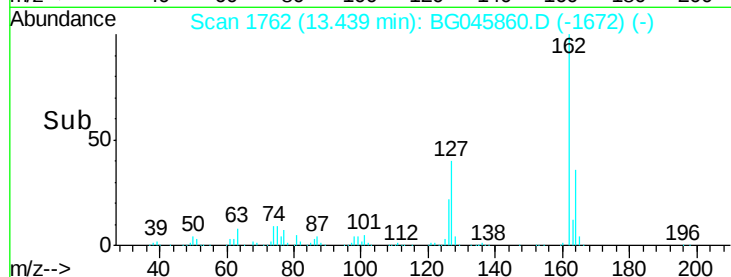
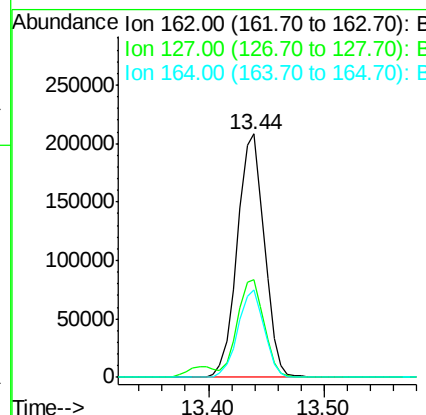
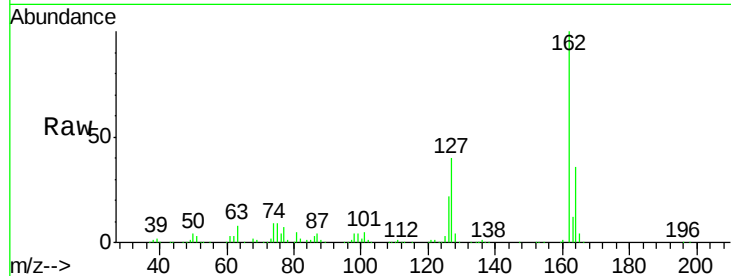
#47
2-Chloronaphthalene
Concen: 42.052 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		337454		
127	39.9	30.5	45.7		
164	36.0	27.2	40.8		

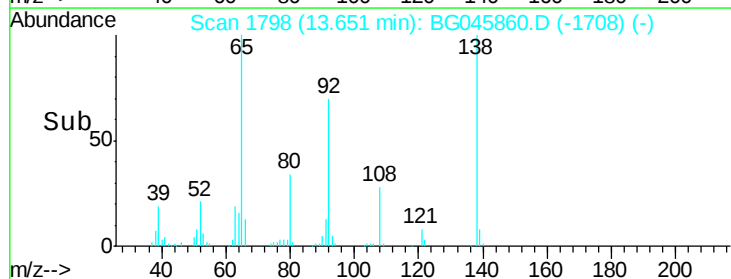
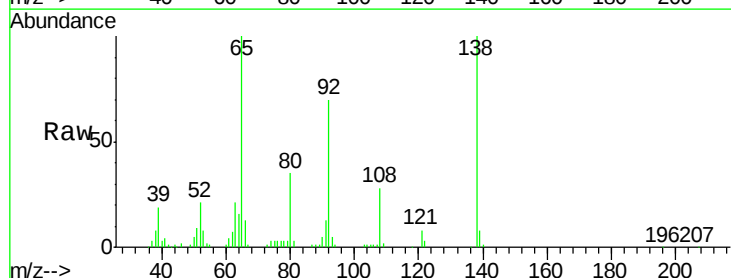
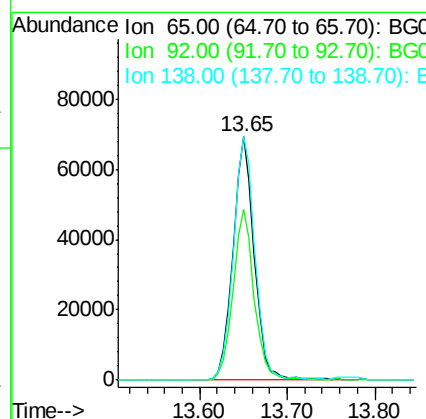
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#48
2-Nitroaniline
Concen: 42.964 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		114683		
92	70.0	59.0	88.6		
138	100.0	83.6	125.4		





#49

Acenaphthylene

Concen: 42.641 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

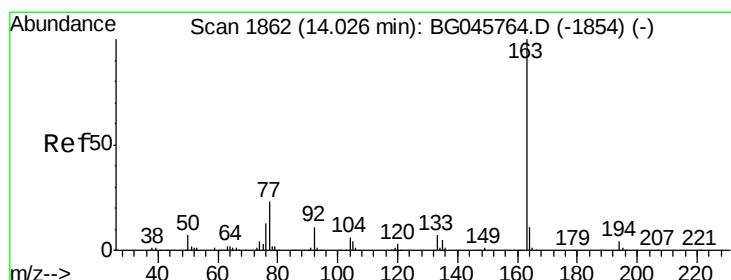
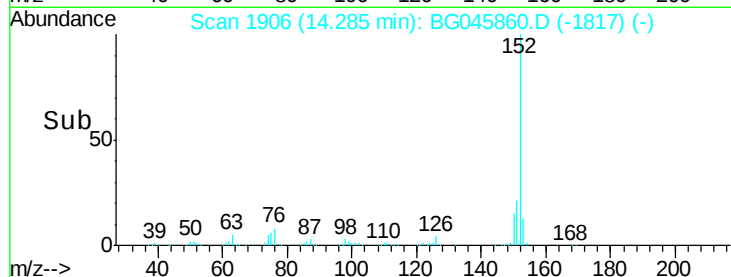
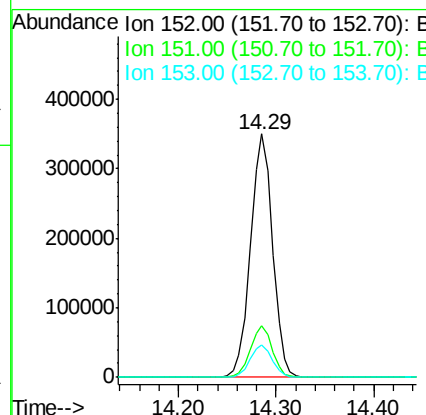
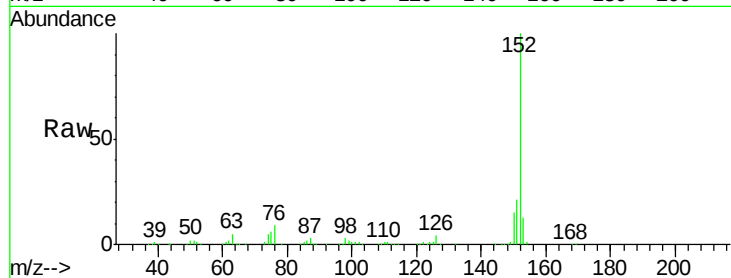
ClientSampleId :

PB129763BSD

Tot Ion:	152	Resp:	548087
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.3	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.762 ng

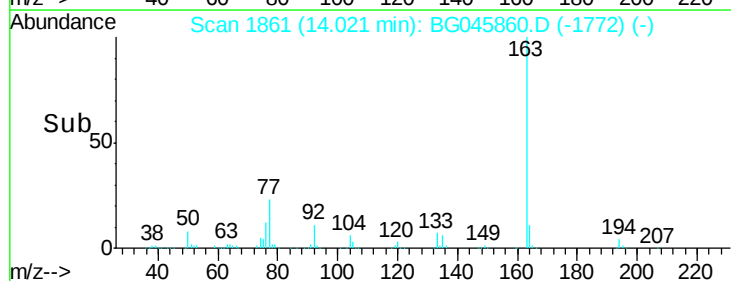
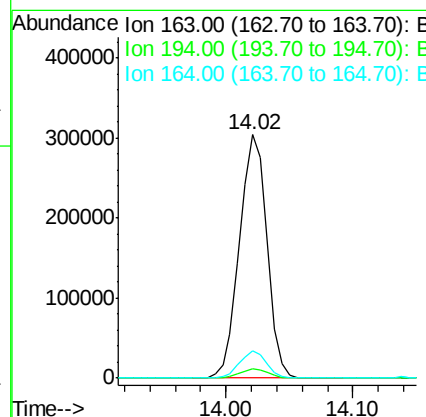
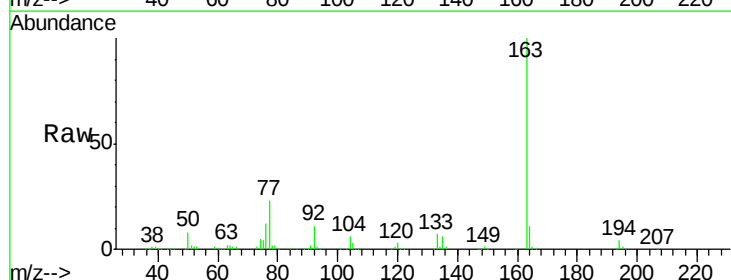
RT: 14.02 min Scan# 1861

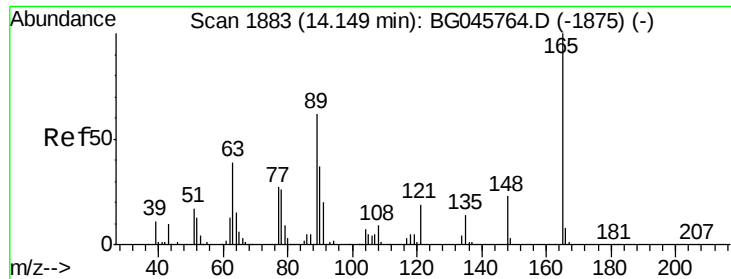
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	163	Resp:	453956
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	11.2	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 43.728 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

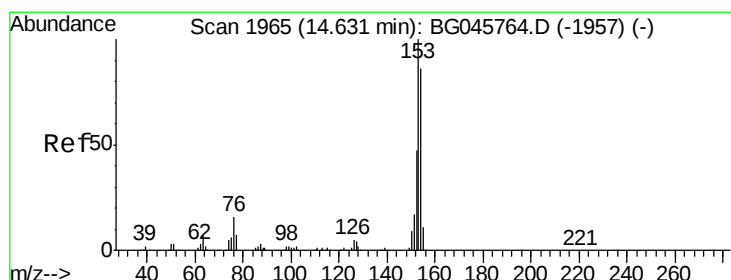
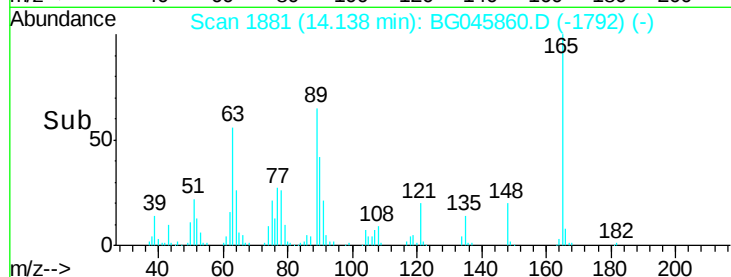
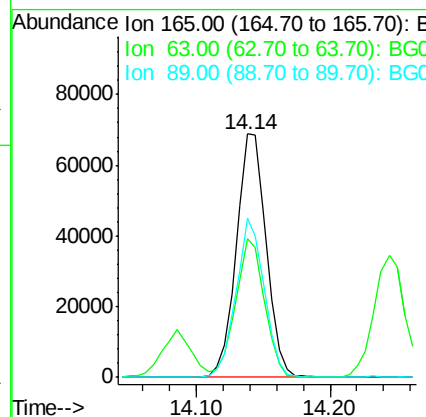
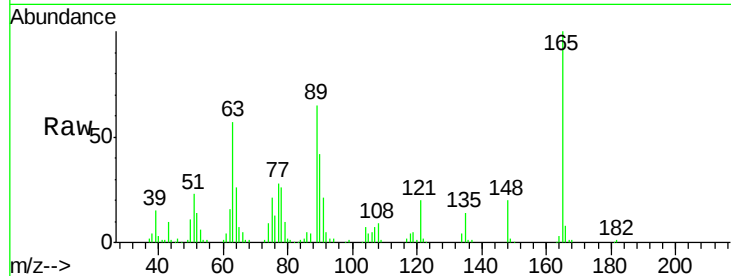
ClientSampleId :

PB129763BSD

Tot Ion:	165	Resp:	106760
Ion Ratio	Lower	Upper	
165	100		
63	56.8	41.2	61.8
89	65.2	49.7	74.5

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#52

Acenaphthene

Concen: 42.782 ng

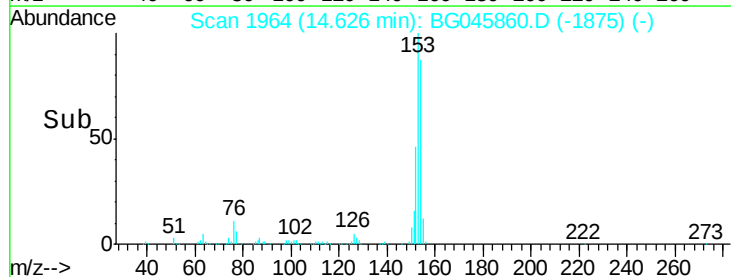
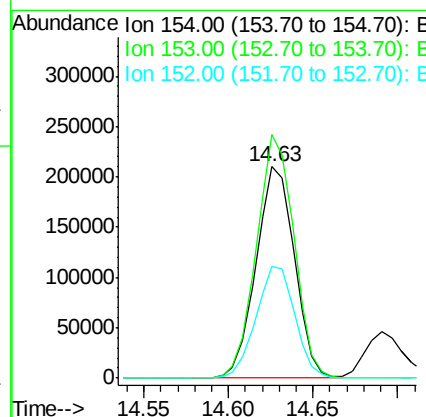
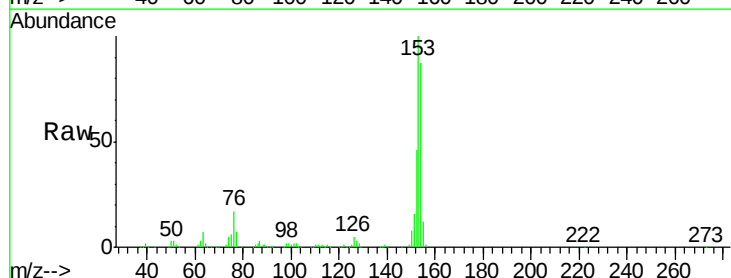
RT: 14.63 min Scan# 1964

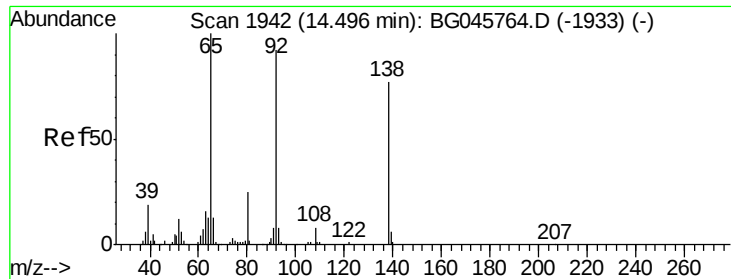
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	154	Resp:	333322
Ion Ratio	Lower	Upper	
154	100		
153	115.1	93.0	139.4
152	52.6	43.7	65.5





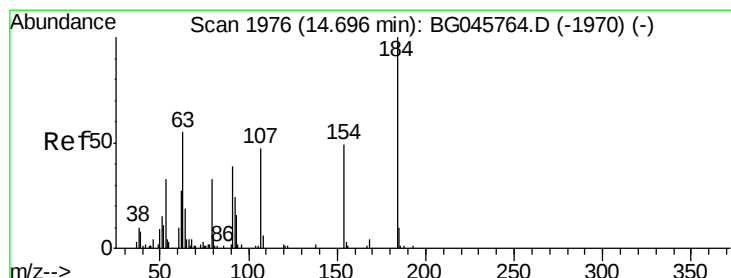
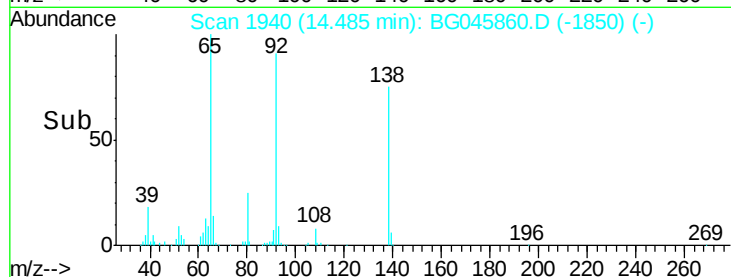
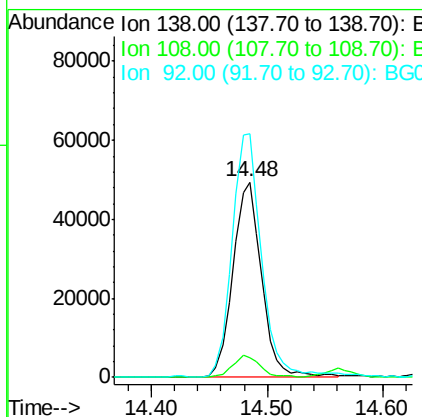
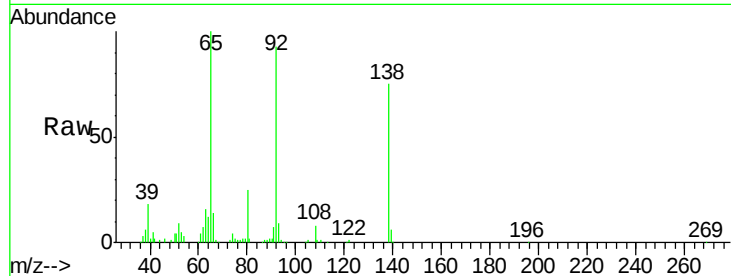
#53
3-Nitroaniline
Concen: 34.735 ng
RT: 14.48 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.4	12.6
92	124.6	95.6	143.4

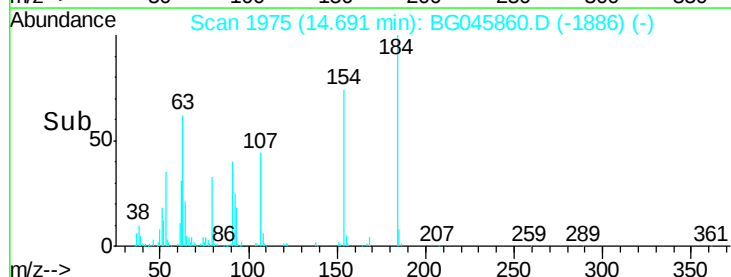
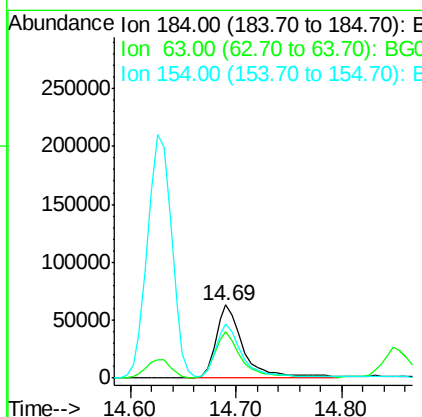
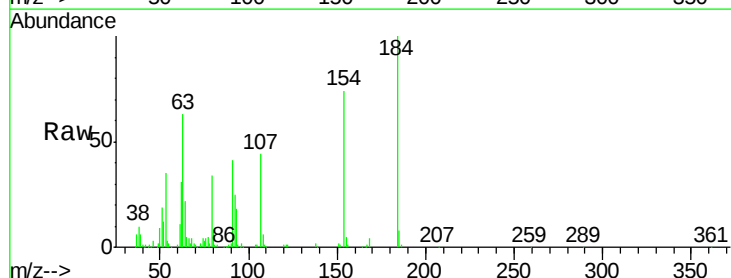
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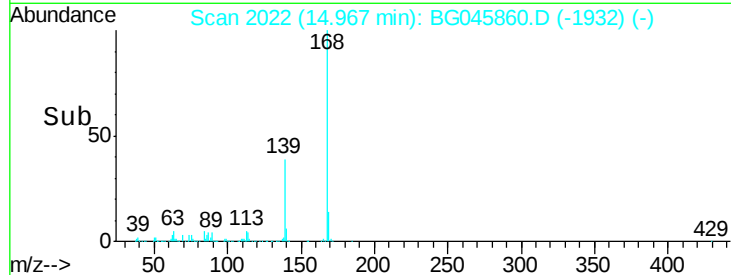
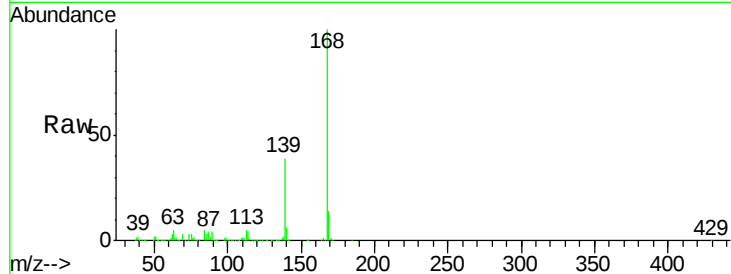
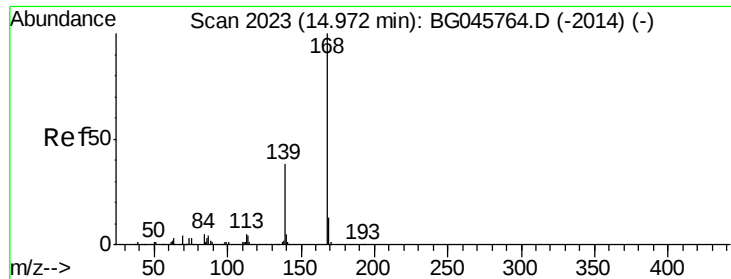
mohammad
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#54
2,4-Dinitrophenol
Concen: 84.420 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	46.6	70.0
154	74.1	58.6	87.8





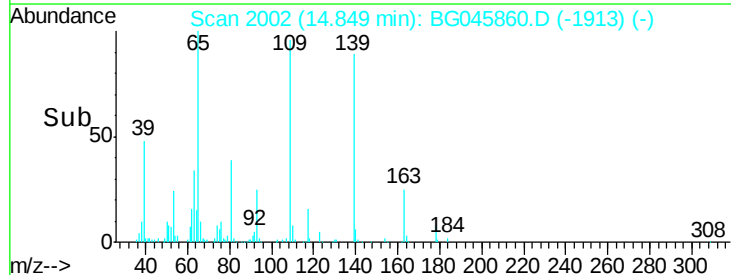
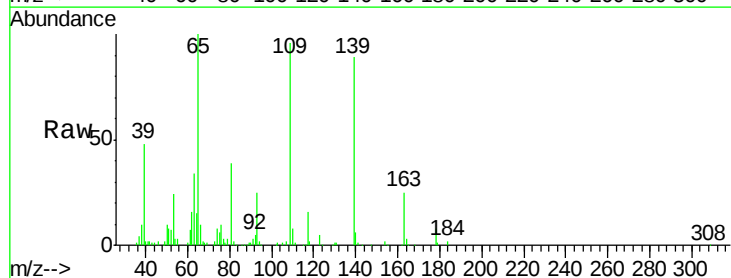
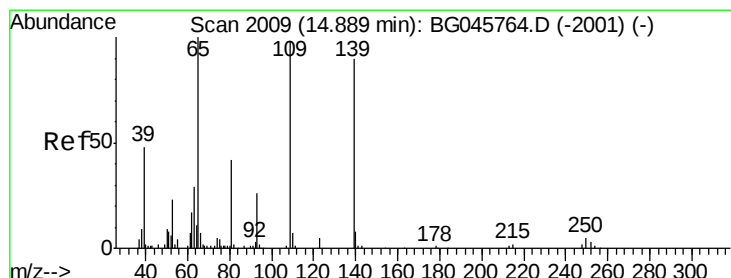
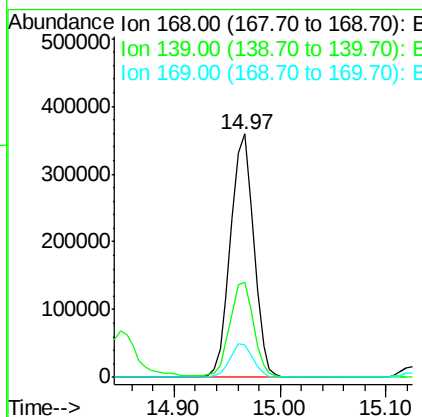
#55
Dibenzofuran
Concen: 43.144 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	31.8	47.6	
169	13.5	10.4	15.6	

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

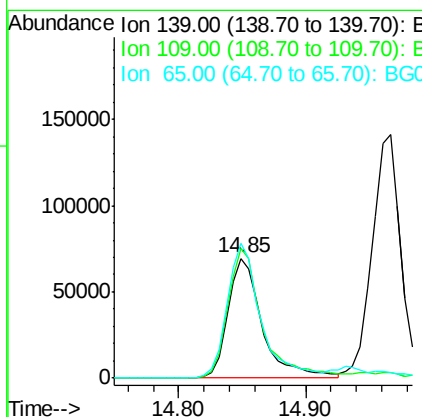
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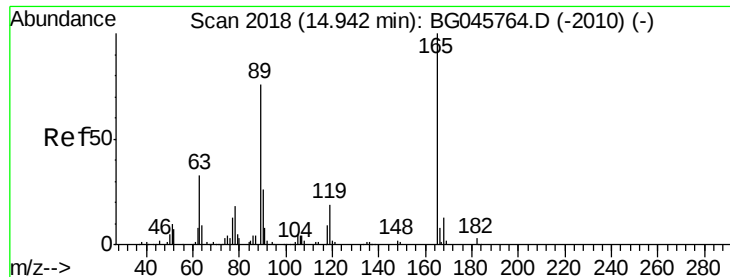
mohammad
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#56
4-Nitrophenol
Concen: 74.598 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.6	88.9	128.9	
65	112.7	92.3	132.3	





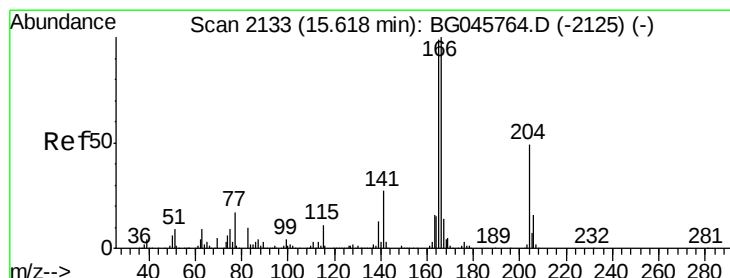
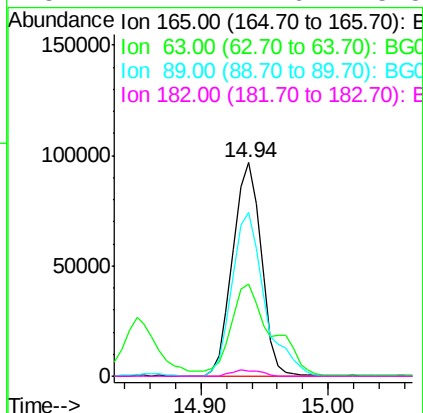
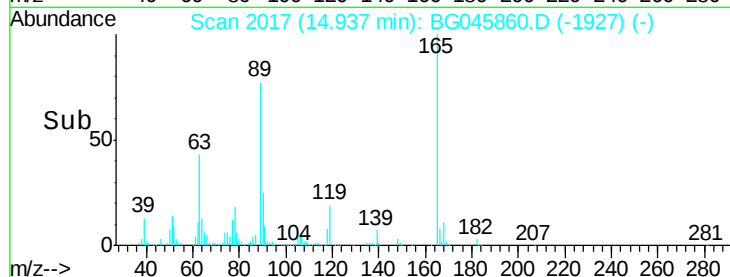
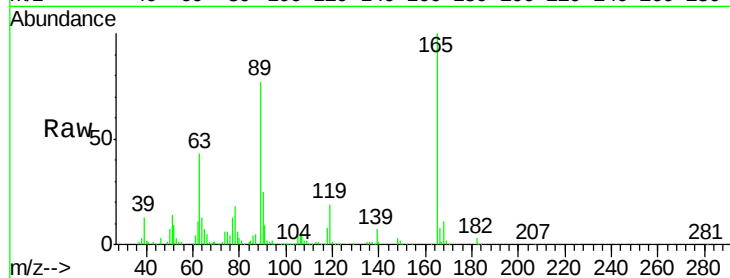
#57
 2,4-Dinitrotoluene
 Concen: 43.289 ng
 RT: 14.94 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampled :
 PB129763BSD

Tot Ion:	165	Resp:	151429
Ion Ratio	Lower	Upper	
165	100		
63	43.2	33.8	50.8
89	76.5	60.4	90.6
182	2.7	2.6	3.8

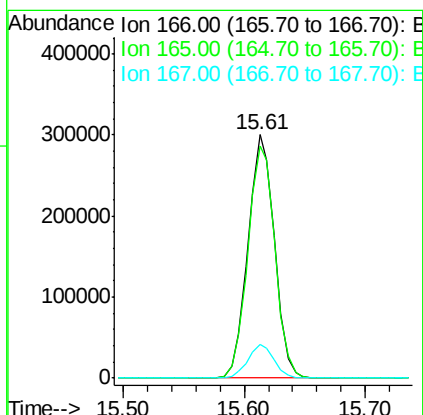
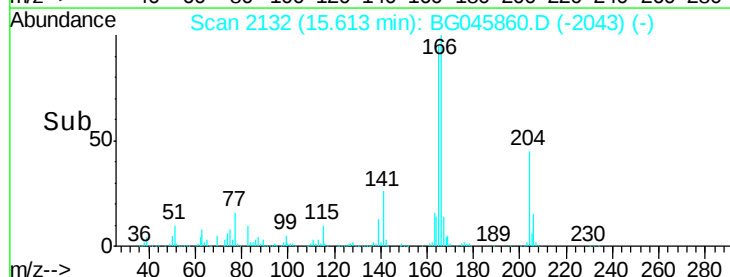
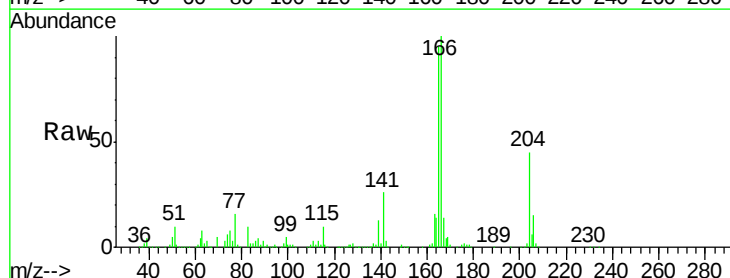
Manual Integrations
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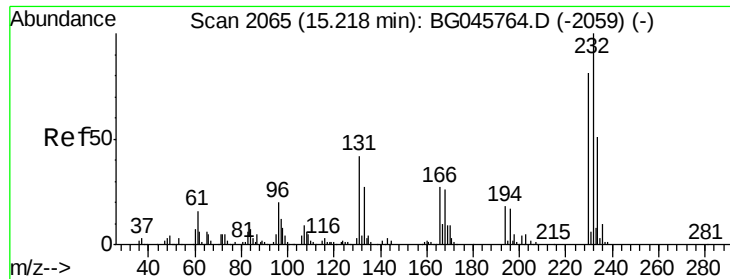
mohammad
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#58
 Fluorene
 Concen: 43.506 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion:	166	Resp:	457872
Ion Ratio	Lower	Upper	
166	100		
165	95.4	79.1	118.7
167	13.8	11.5	17.3





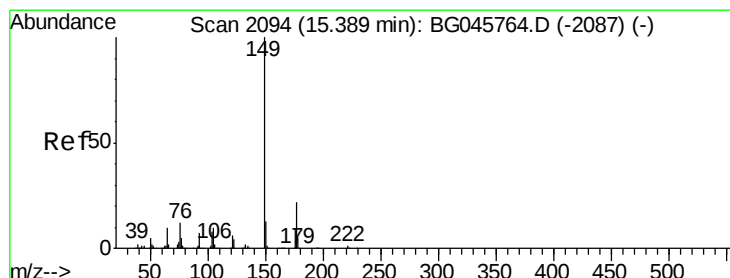
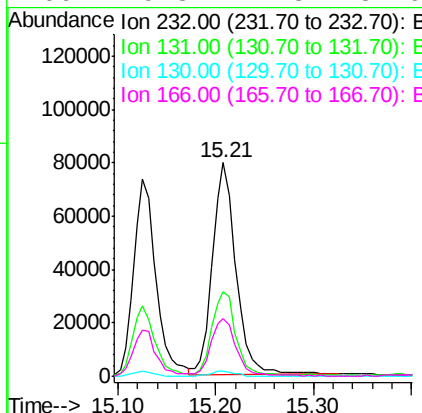
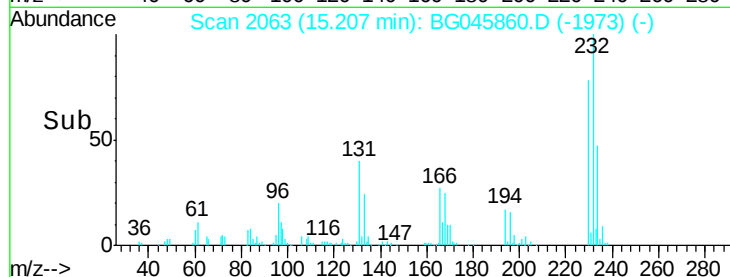
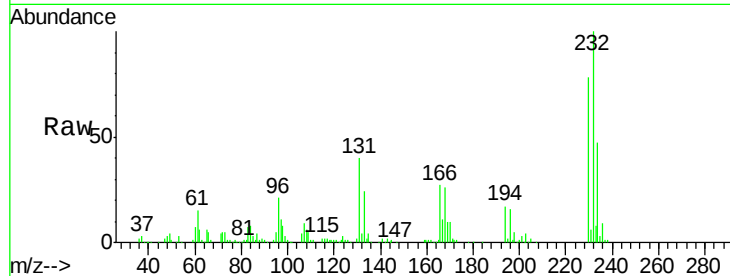
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.468 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		133196		
131	39.9	32.2	48.2		
130	2.6	2.2	3.4		
166	29.3	21.3	31.9		

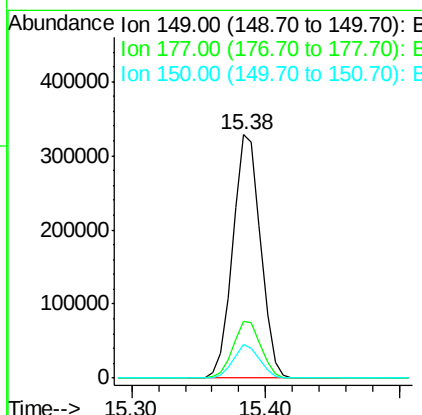
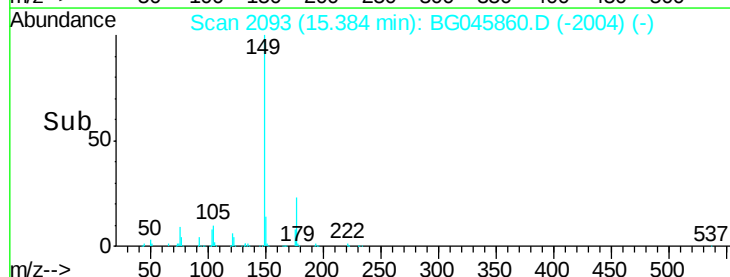
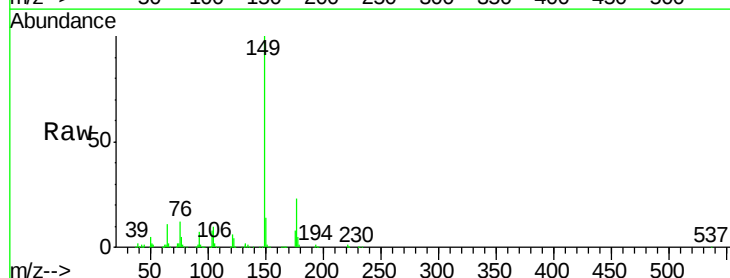
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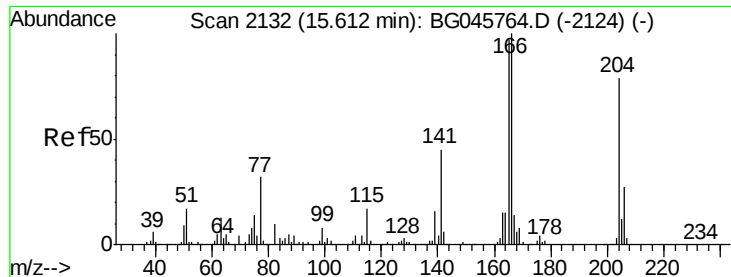
mohammad
 6/26/2020 12:37:38 PM



#60
 Diethylphthalate
 Concen: 42.618 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		473576		
177	23.1	17.2	25.8		
150	13.8	10.7	16.1		





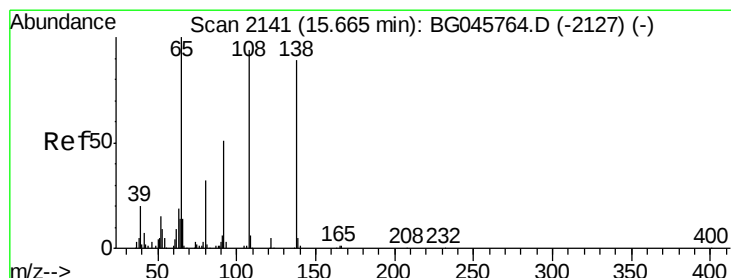
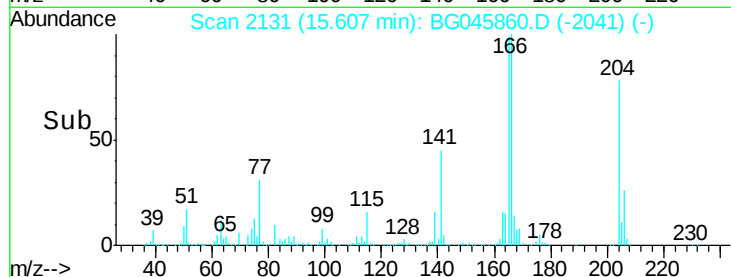
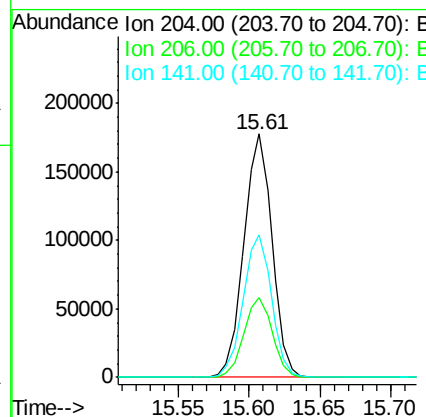
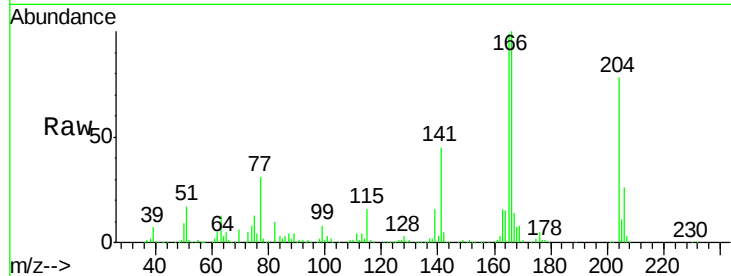
#61
4-Chlorophenyl-phenylether
Concen: 40.950 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	248399		
206	33.0		27.2	40.8
141	58.4		45.9	68.9

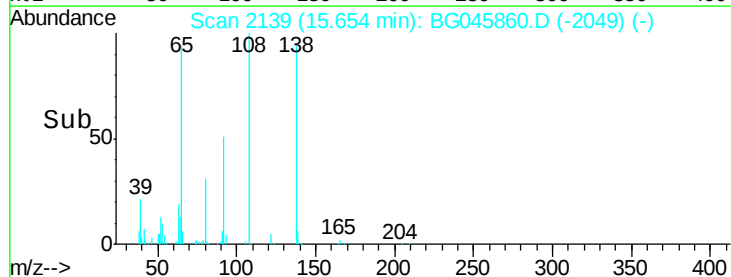
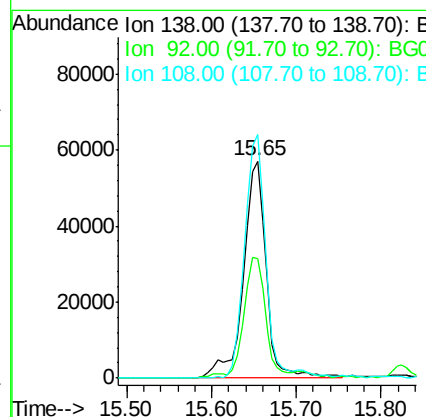
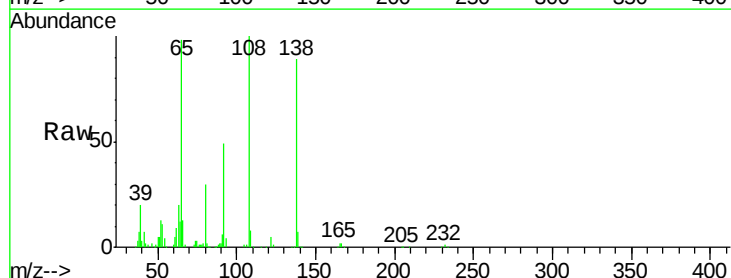
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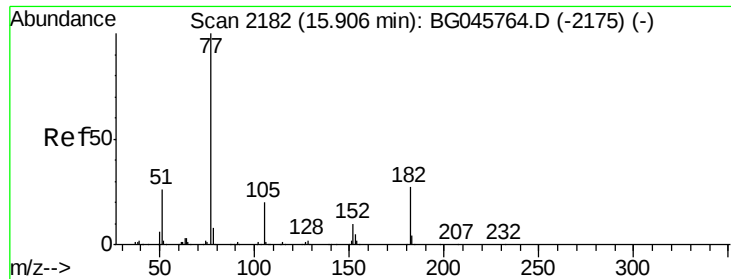
mohammad
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#62
4-Nitroaniline
Concen: 42.403 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	106125		
92	54.9		37.3	77.3
108	112.3		85.0	125.0





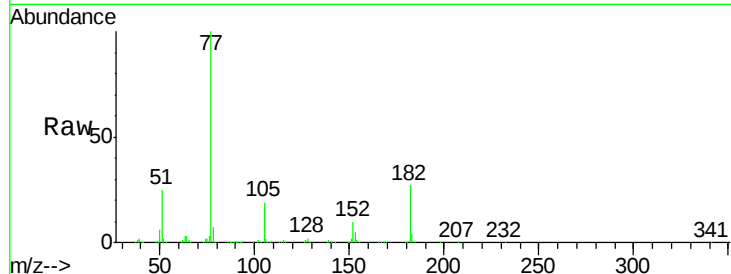
#63
Azobenzene
Concen: 42.914 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

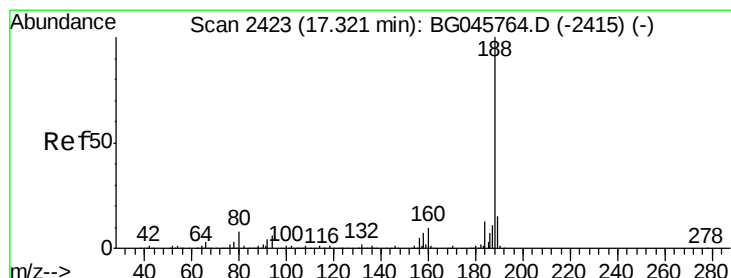
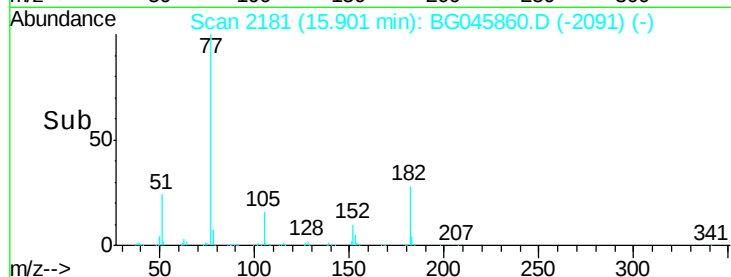
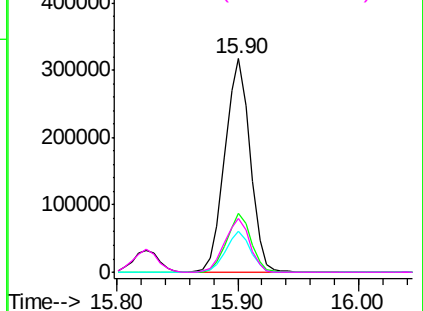
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	7.4	47.4		
105	19.0	0.1	40.1		
51	24.9	5.7	45.7		

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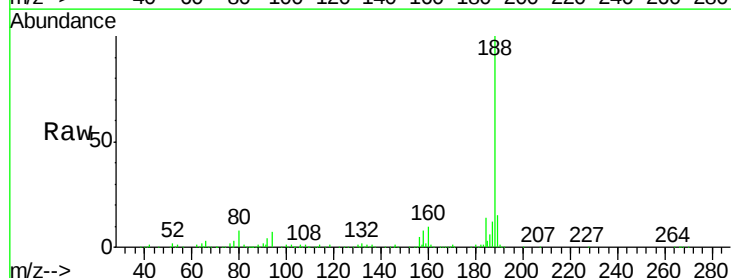


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

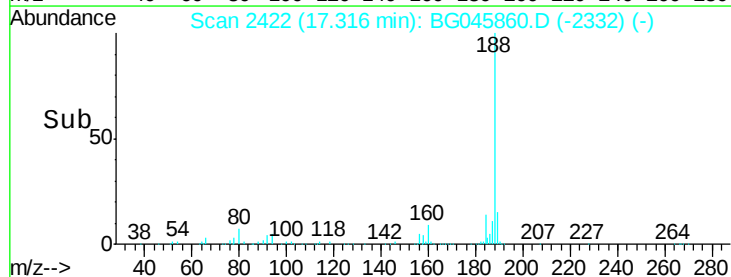
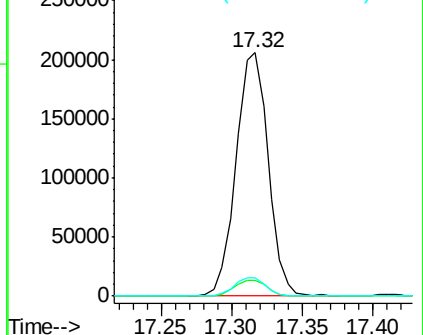


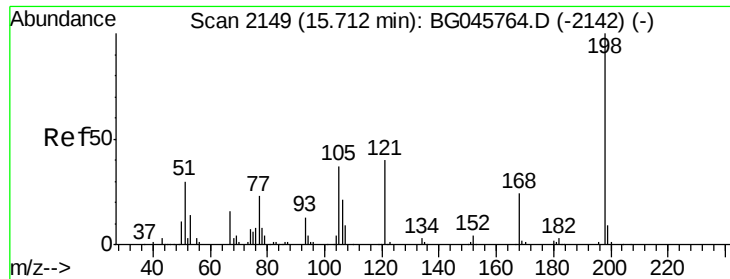
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.6	5.1	7.7		
80	7.7	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





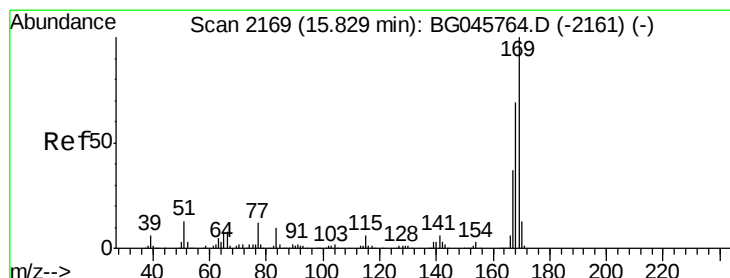
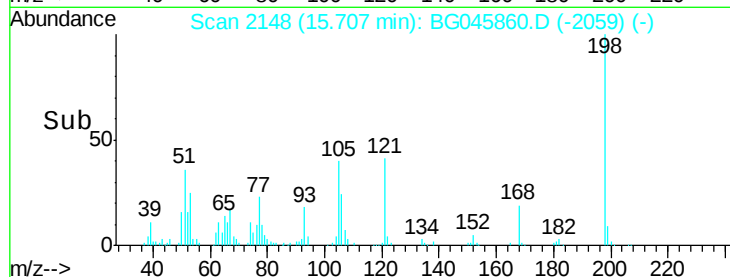
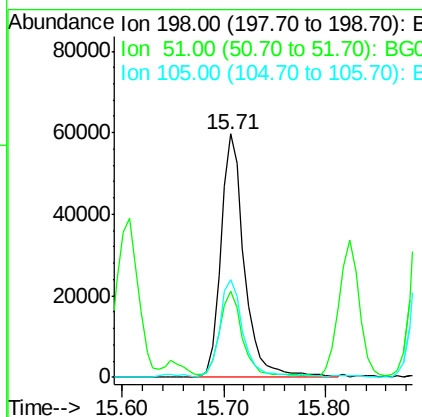
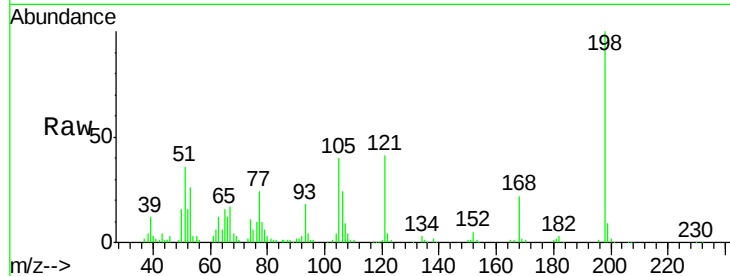
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.276 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.6	14.6	54.6
105	40.1	18.4	58.4

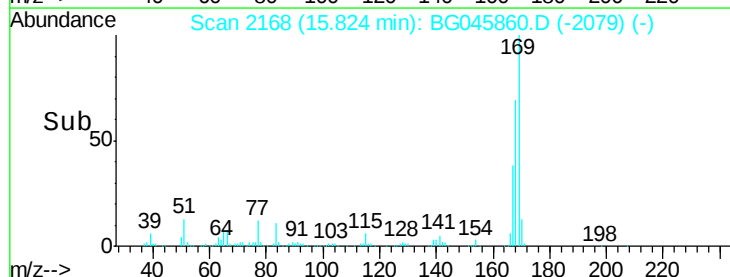
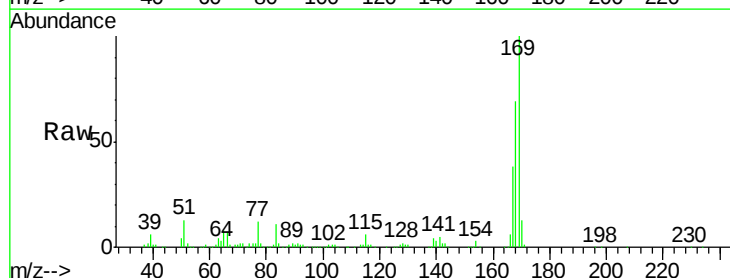
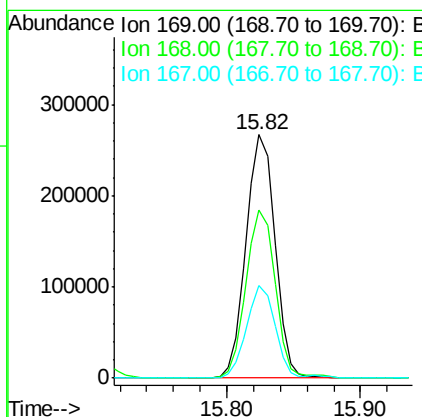
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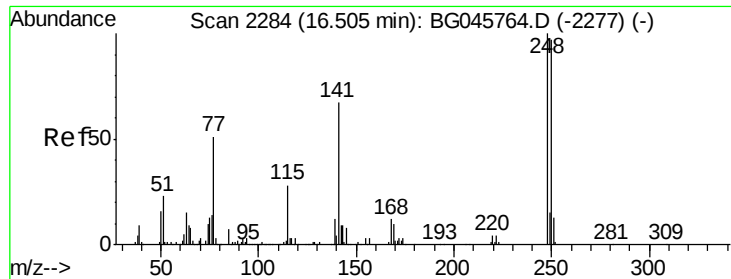
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.940 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.2	82.8
167	38.3	29.8	44.6





#67

4-Bromophenyl-phenylether

Concen: 40.858 ng

RT: 16.50 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

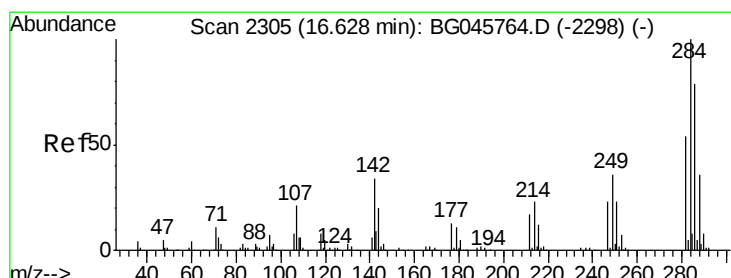
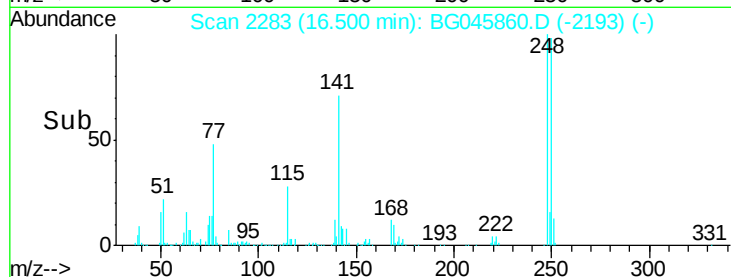
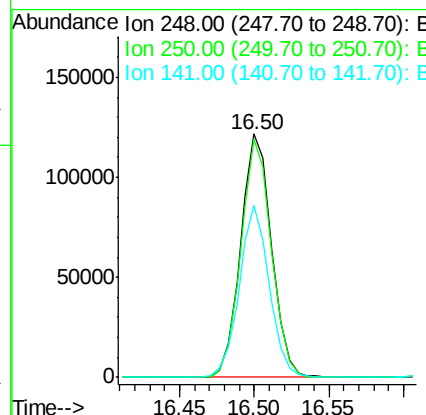
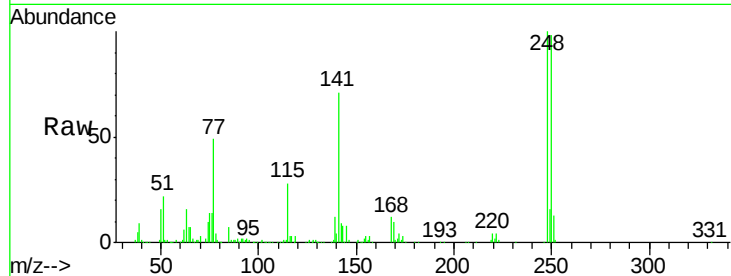
ClientSampleId :

PB129763BSD

Tot Ion:	248	Resp:	174276
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.0	117.0
141	70.5	53.9	80.9

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#68

Hexachlorobenzene

Concen: 42.918 ng

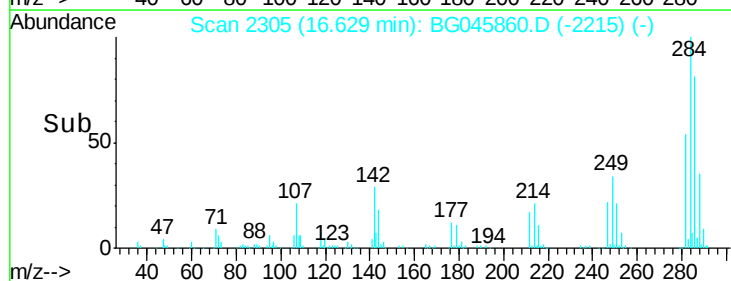
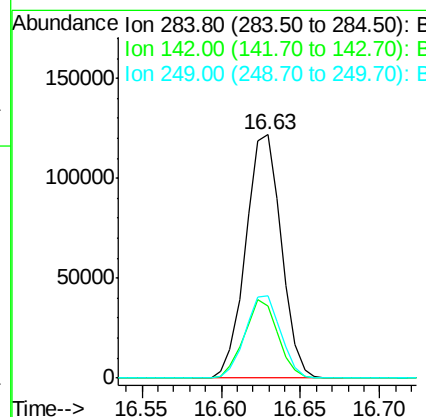
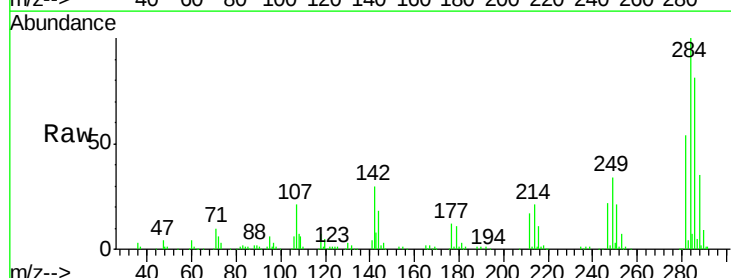
RT: 16.63 min Scan# 2305

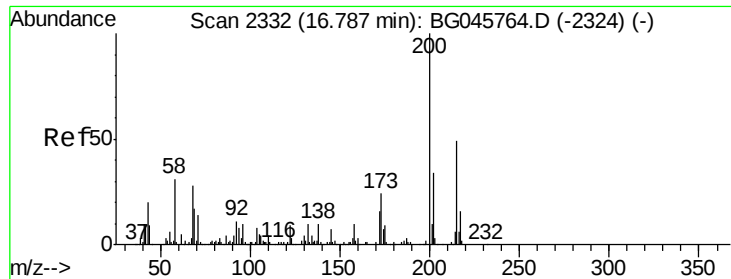
Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	284	Resp:	189825
Ion Ratio	Lower	Upper	
284	100		
142	29.6	26.9	40.3
249	33.8	28.6	42.8





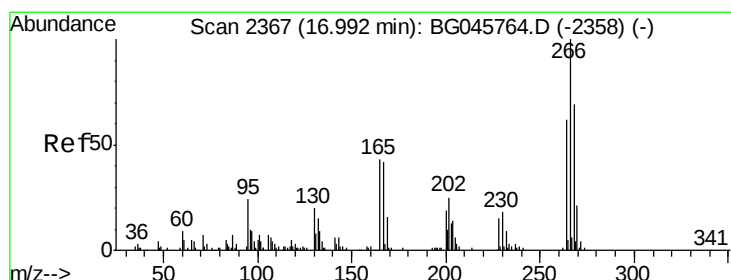
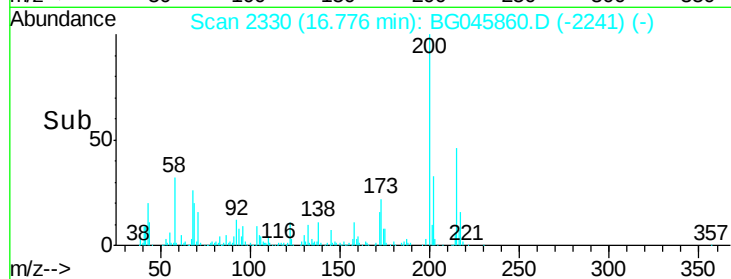
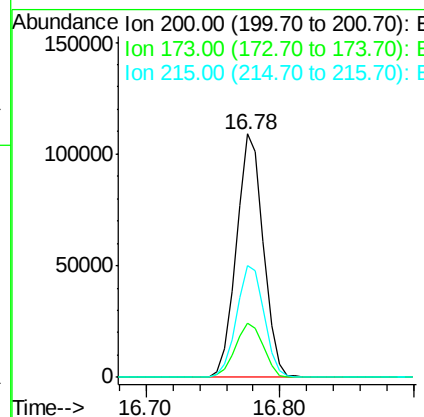
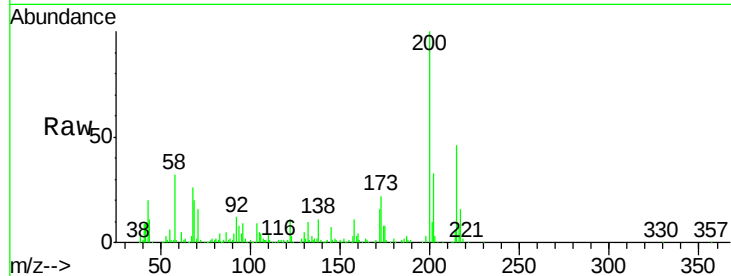
#69
Atrazine
Concen: 42.457 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.2	3.9	43.9
215	45.9	28.8	68.8

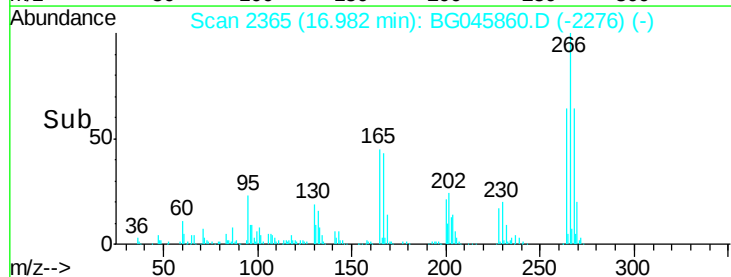
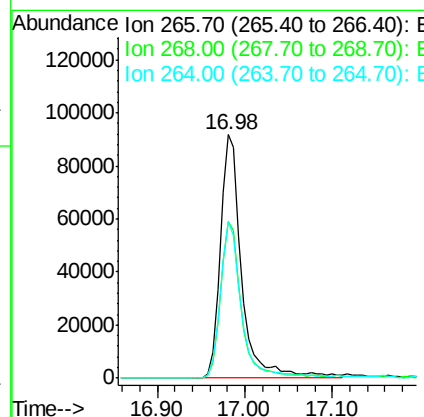
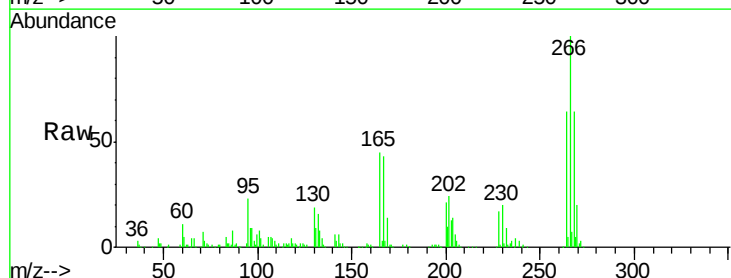
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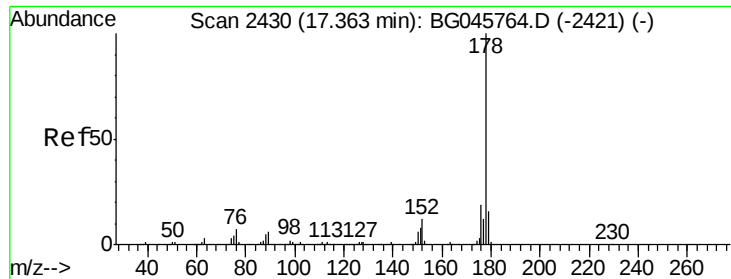
mohammad
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#70
Pentachlorophenol
Concen: 71.914 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	55.4	83.0
264	64.5	49.8	74.6





#71

Phenanthrene

Concen: 42.431 ng

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

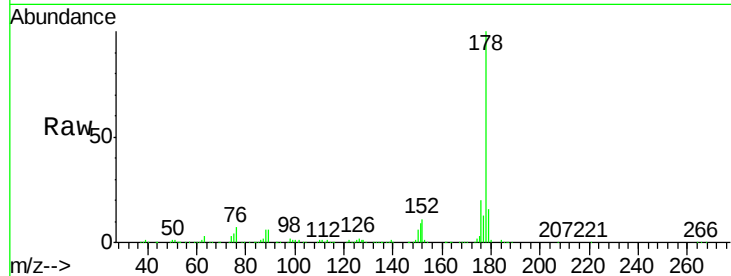
ClientSampleId :

PB129763BSD

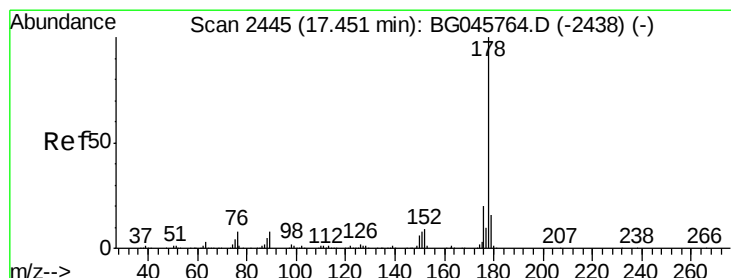
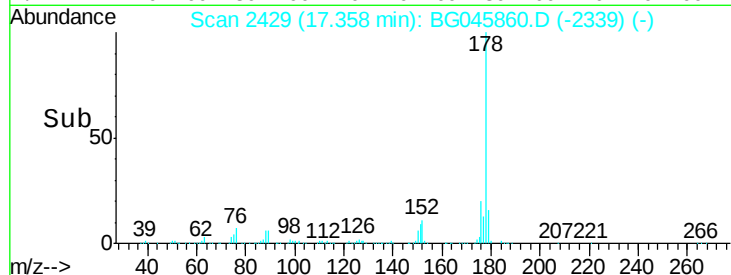
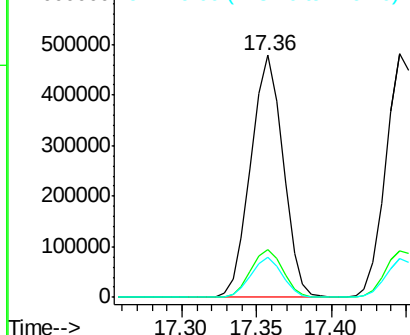
Tot Ion:178	Resp:	718368
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.5 23.3
179	16.3	13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.221 ng

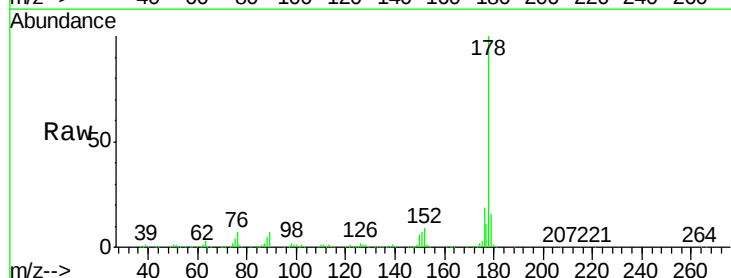
RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

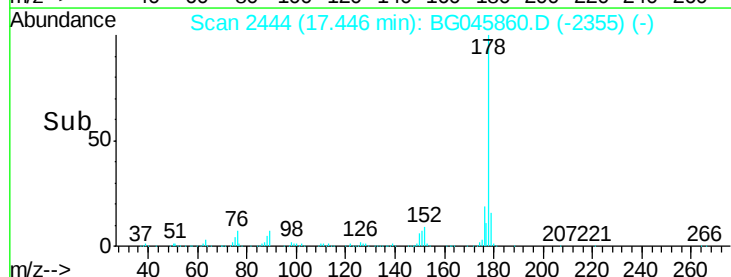
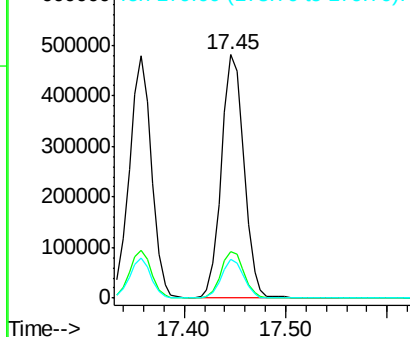
Lab File: BG045860.D

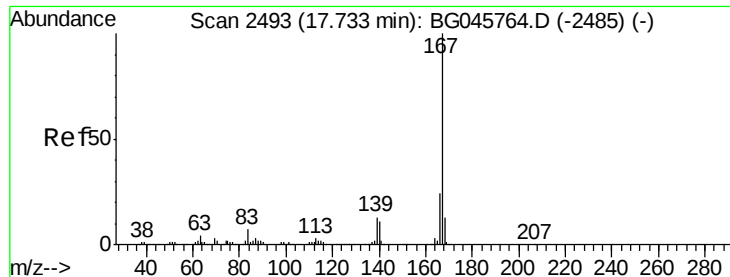
Acq: 25 Jun 2020 16:45

Tgt Ion:178	Resp:	745518
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.6 23.4
179	16.0	13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





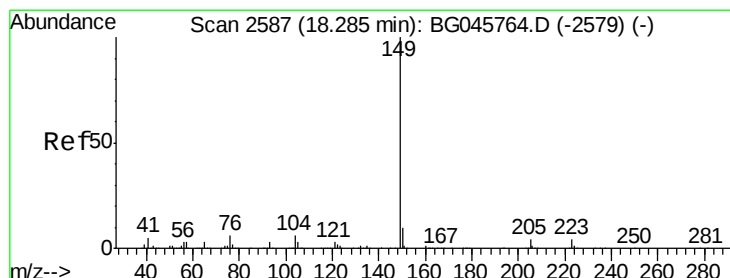
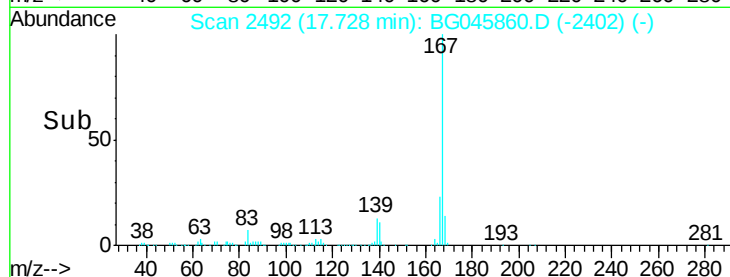
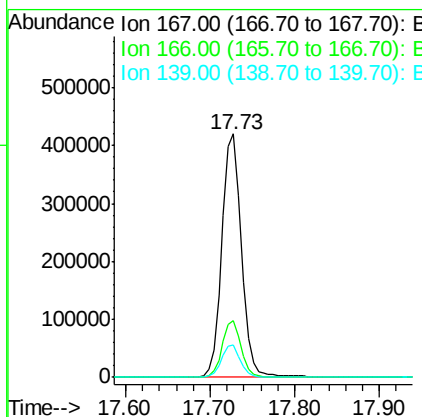
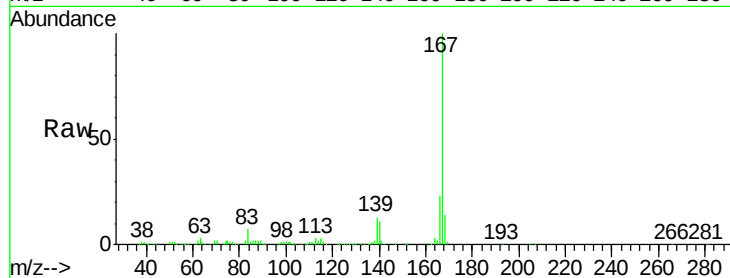
#73
 Carbazole
 Concen: 42.376 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.9	28.3
139	13.3	10.6	15.8

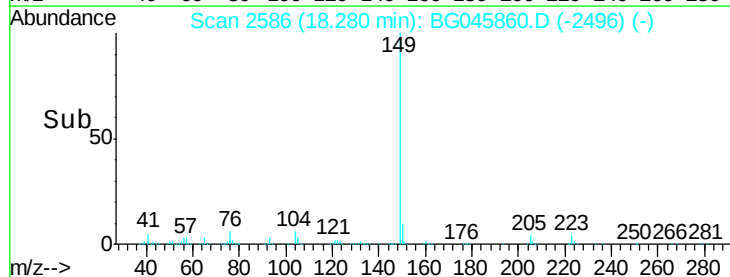
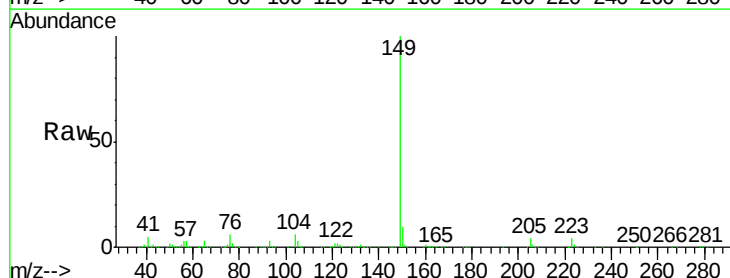
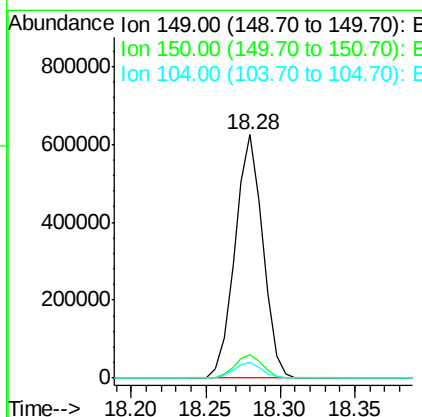
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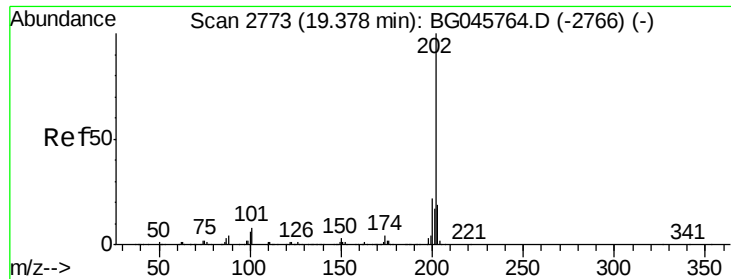
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.618 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 44.298 ng

RT: 19.37 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

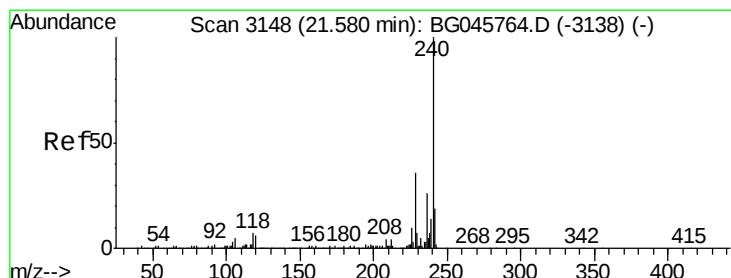
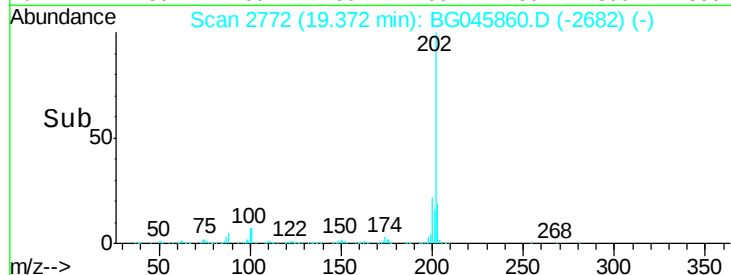
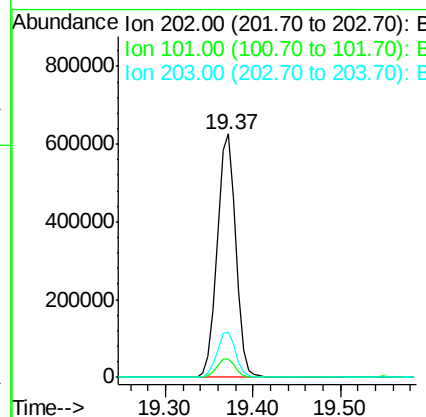
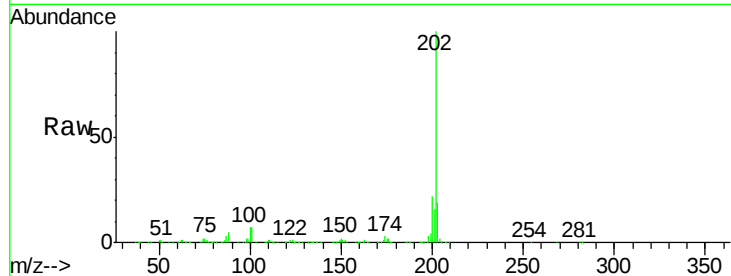
ClientSampleId :

PB129763BSD

Tot Ion:	202	Resp:	922200
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	27.7
203	18.5	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

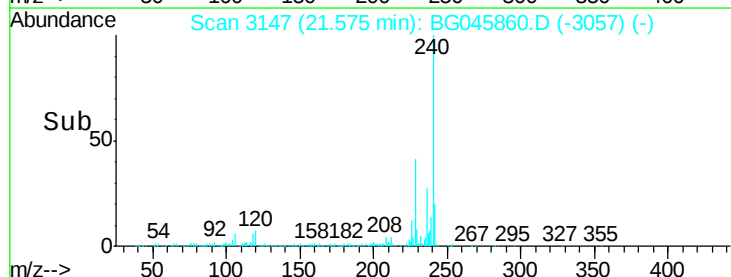
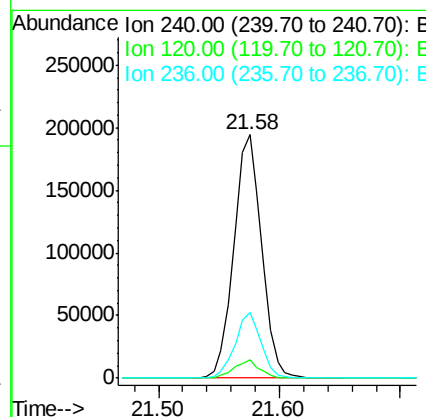
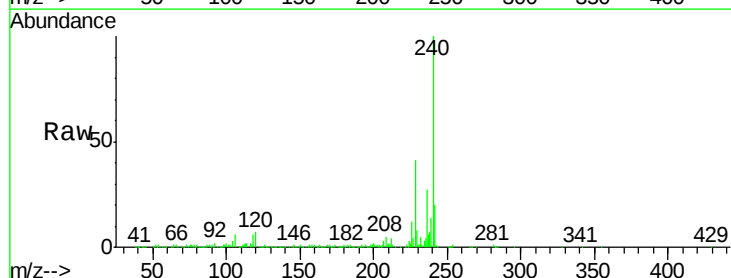
RT: 21.58 min Scan# 3147

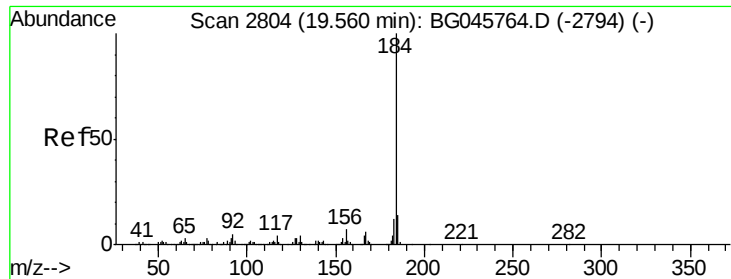
Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	240	Resp:	311364
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.0	7.4
236	27.1	20.6	30.8





#77

Benzidine

Concen: 65.493 ng

RT: 19.55 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

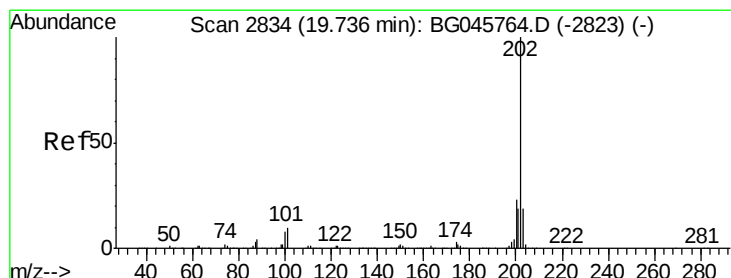
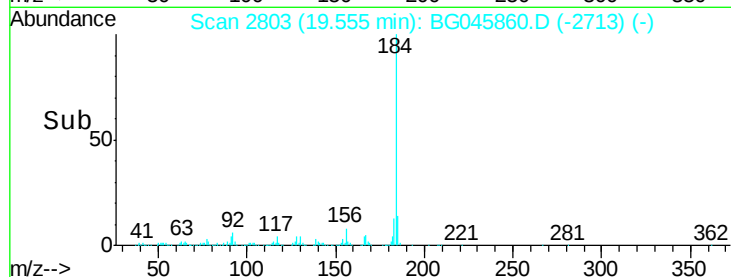
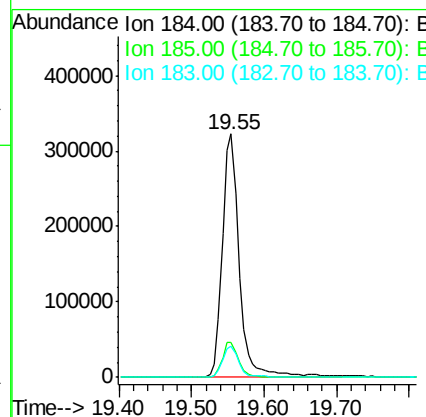
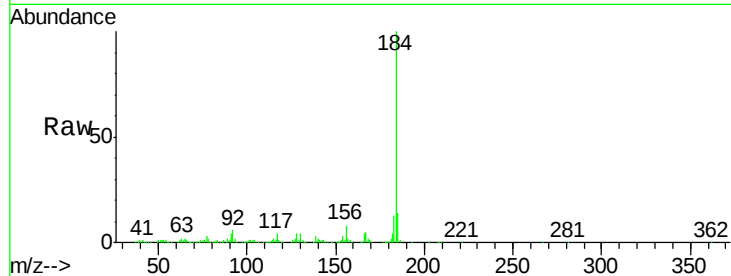
ClientSampleId :

PB129763BSD

Tot Ion:	184	Resp:	530135
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.1	16.7
183	12.7	9.7	14.5

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#78

Pyrene

Concen: 43.805 ng

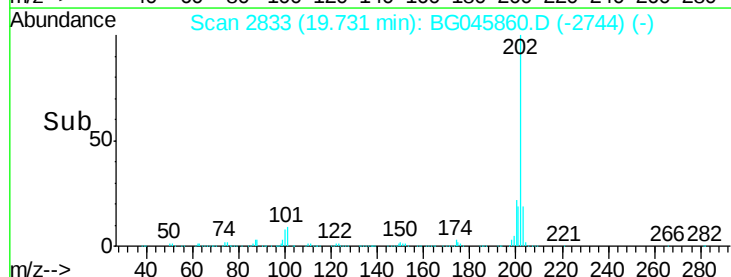
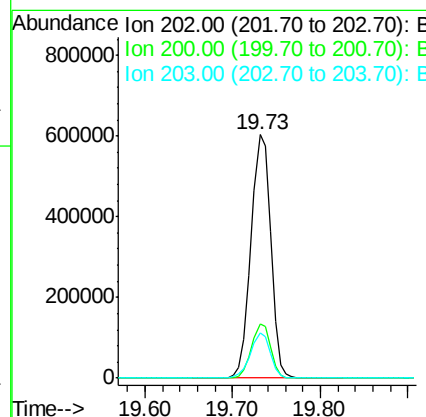
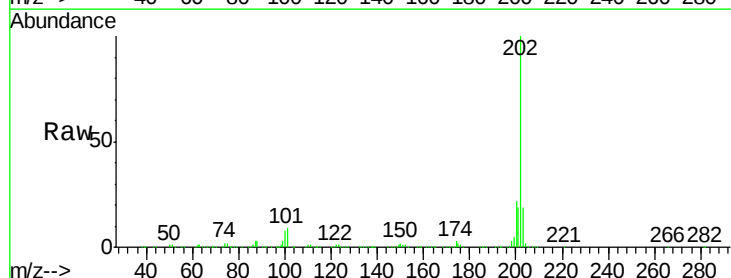
RT: 19.73 min Scan# 2833

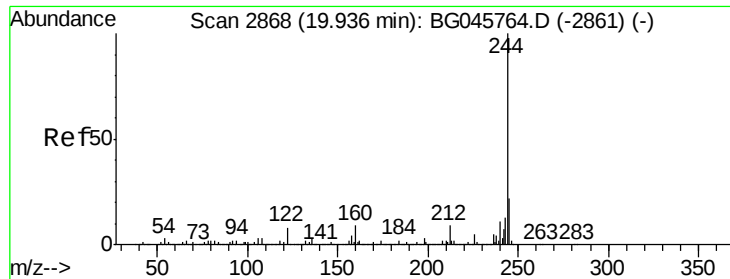
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	202	Resp:	913336
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.2	27.2
203	18.8	14.8	22.2





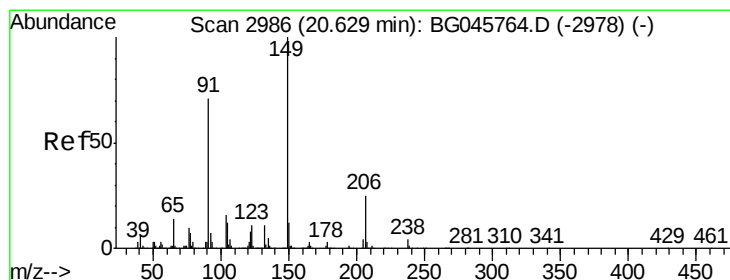
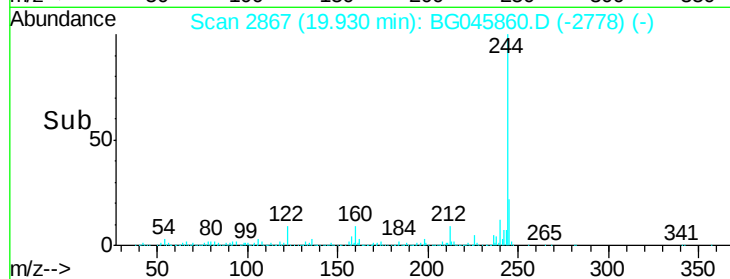
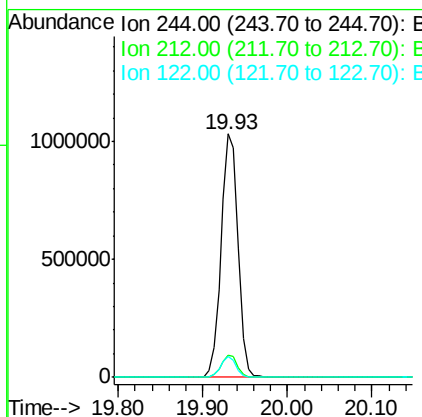
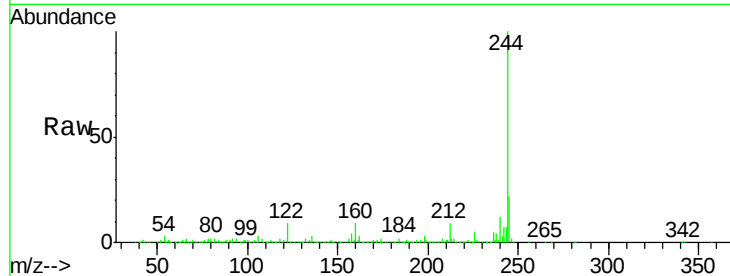
#79
 Terphenyl-d14
 Concen: 93.501 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.7	6.4	9.6

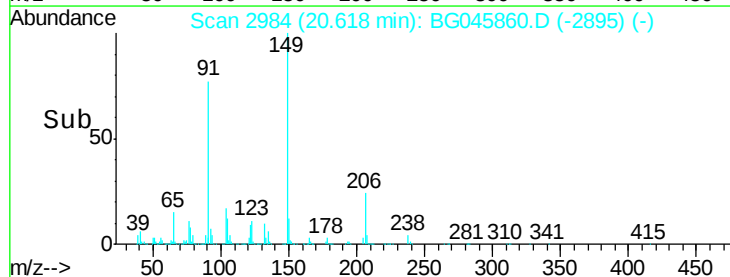
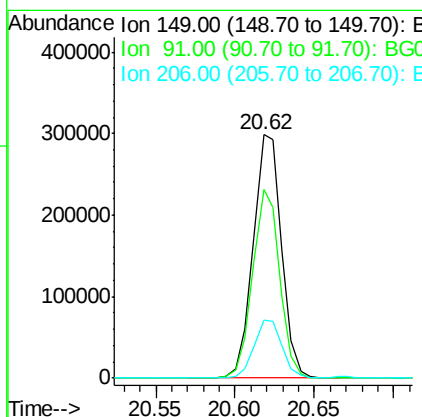
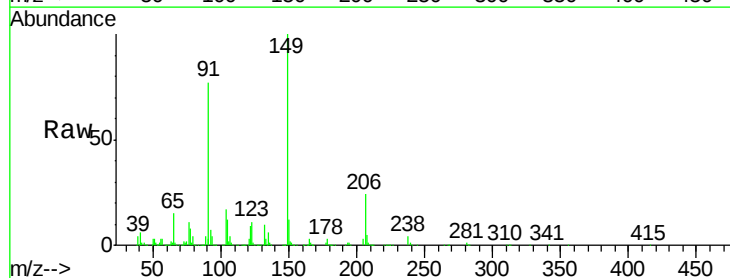
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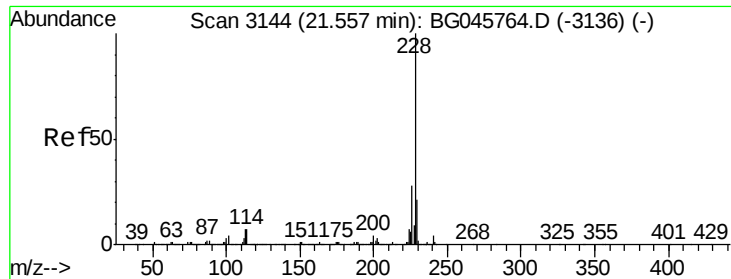
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#80
 Butylbenzylphthalate
 Concen: 42.419 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.2	56.4	84.6
206	24.0	19.8	29.6





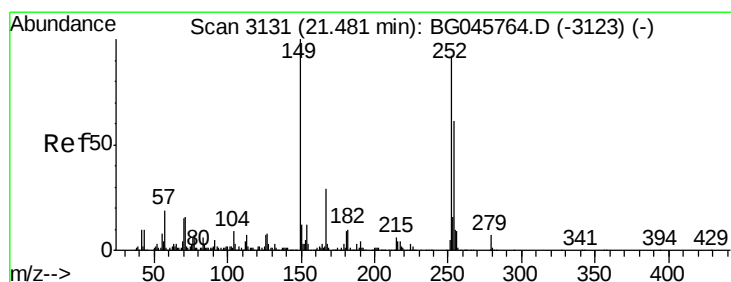
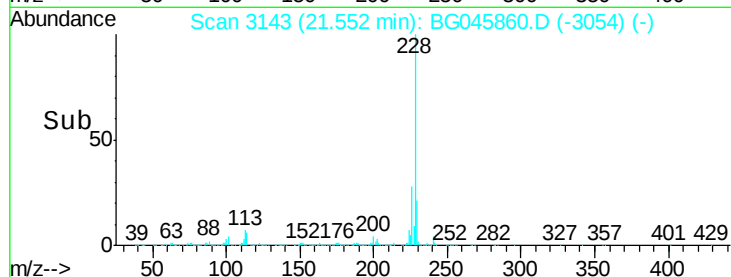
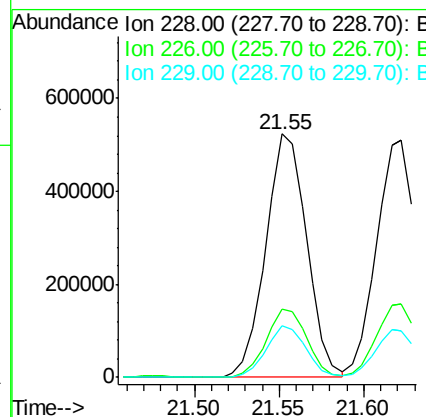
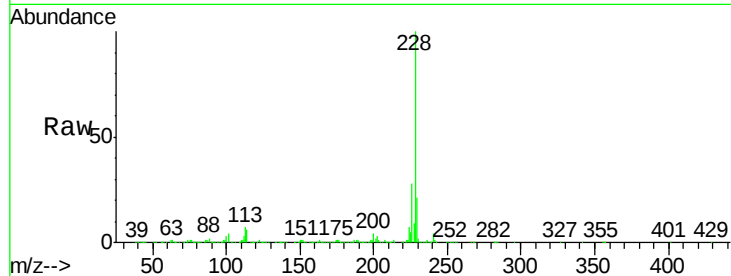
#81
Benzo(a)anthracene
Concen: 43.315 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Instrument :
BNA_G
ClientSampleId :
PB129763BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	21.3	16.6	24.8

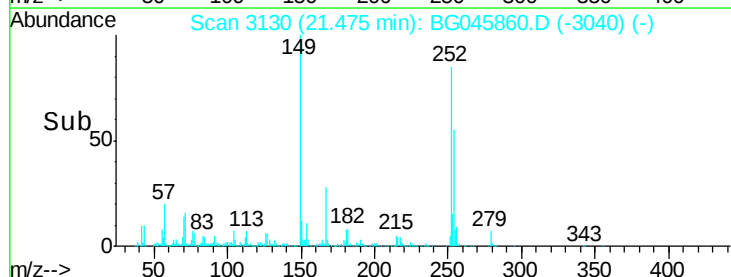
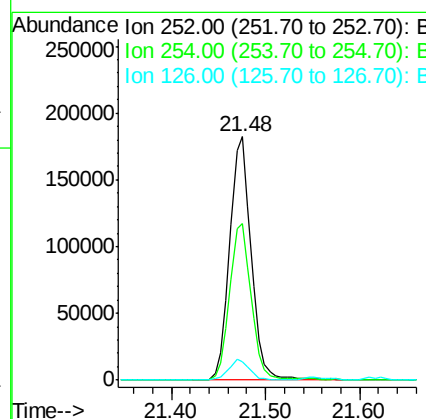
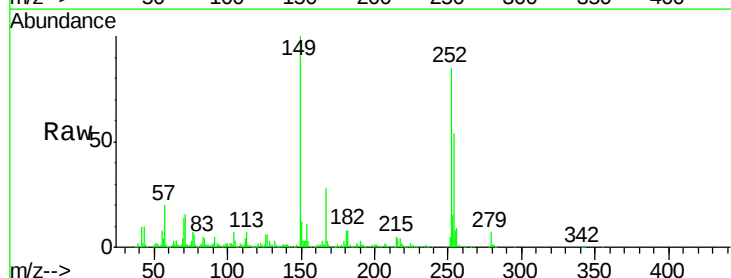
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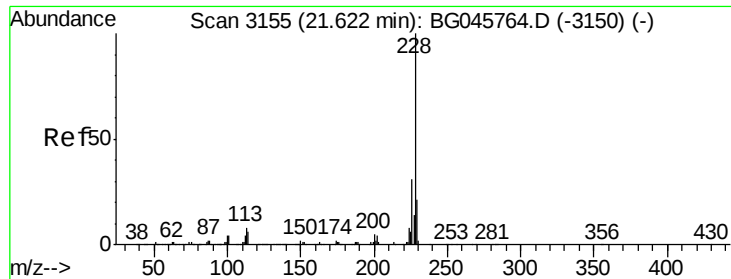
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.069 ng
RT: 21.48 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG045860.D
Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.4	80.0
126	7.6	5.8	8.8





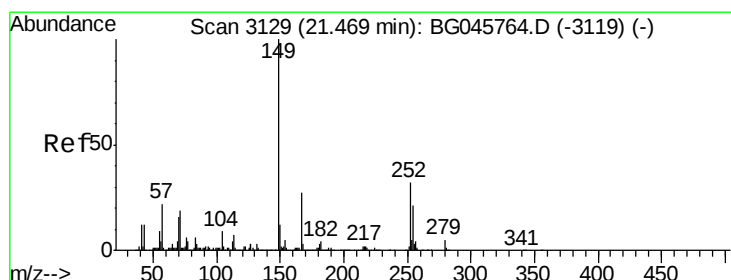
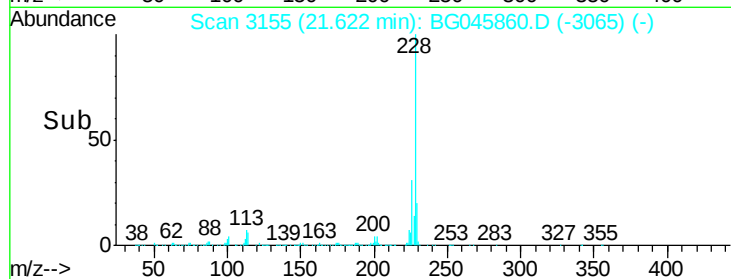
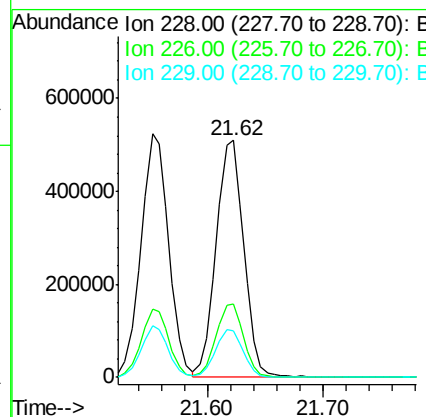
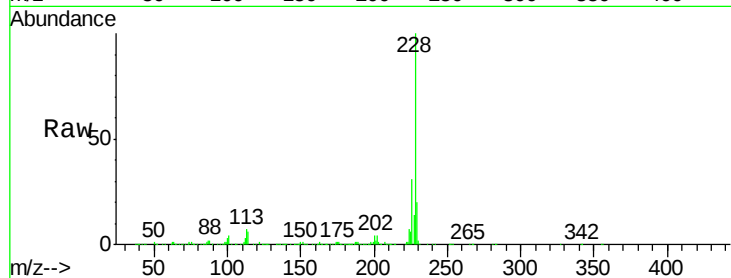
#83
 Chrysene
 Concen: 43.292 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.1	37.7
229	19.7	16.4	24.6

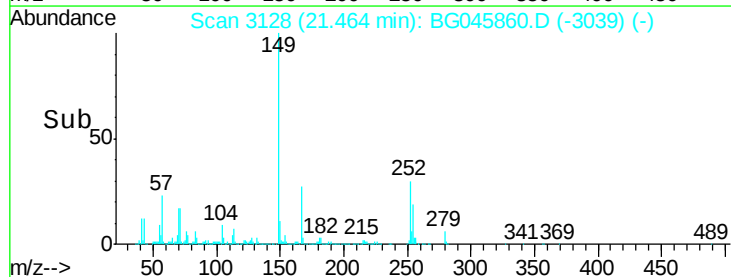
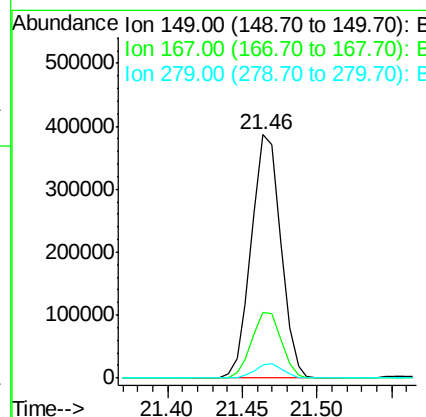
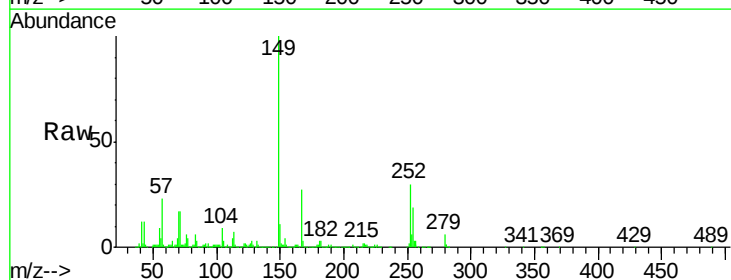
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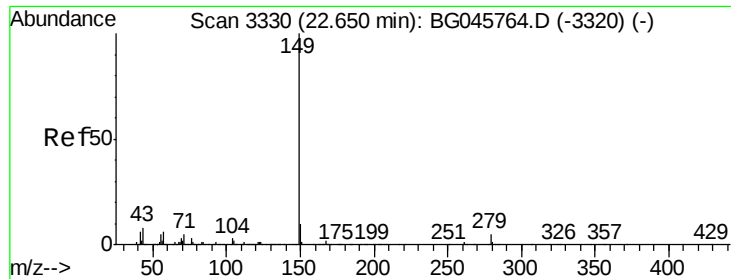
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.244 ng
 RT: 21.46 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	5.6	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 42.896 ng

RT: 22.64 min Scan# 3329

Delta R.T. 0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

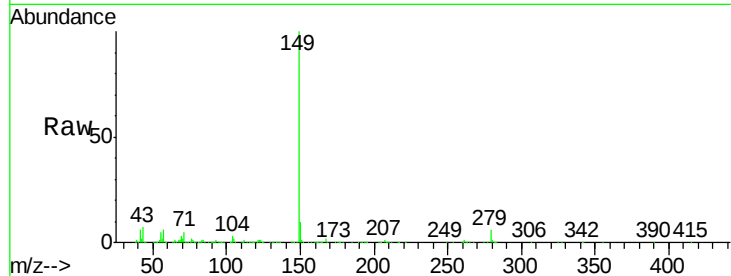
ClientSampleId :

PB129763BSD

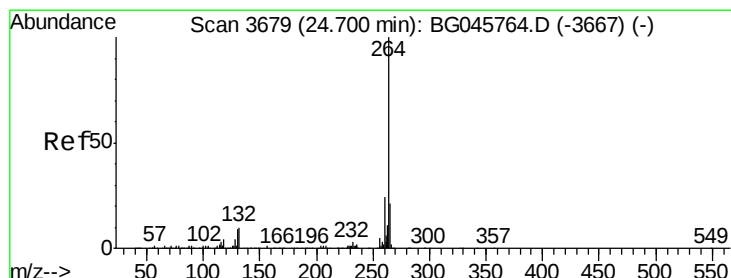
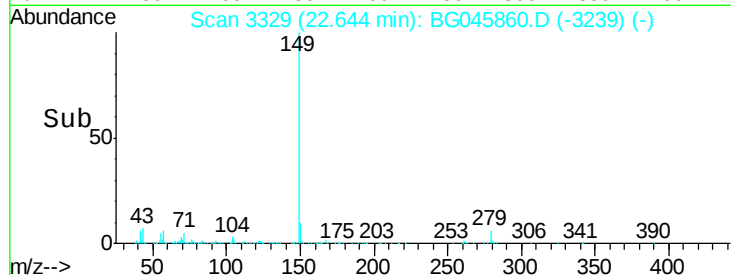
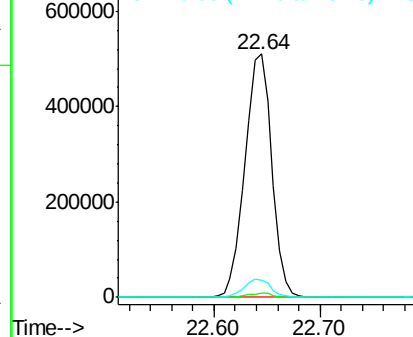
Tot Ion:	149	Resp:	898215
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.4	5.9	8.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

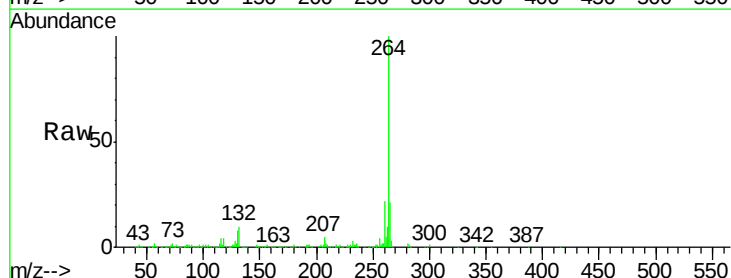
RT: 24.69 min Scan# 3678

Delta R.T. -0.00 min

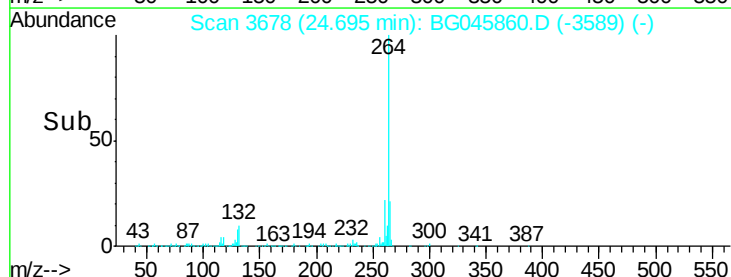
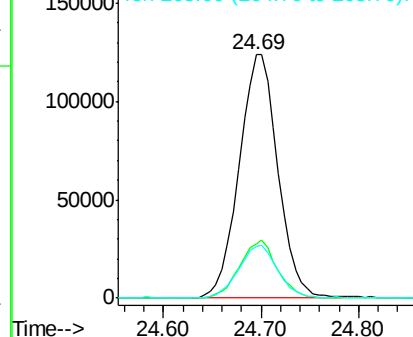
Lab File: BG045860.D

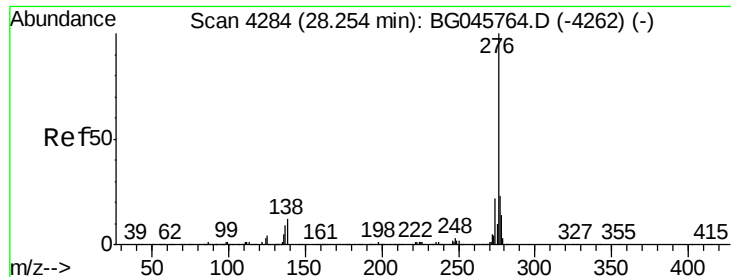
Acq: 25 Jun 2020 16:45

Tgt Ion:	264	Resp:	342624
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.0	28.4
265	21.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





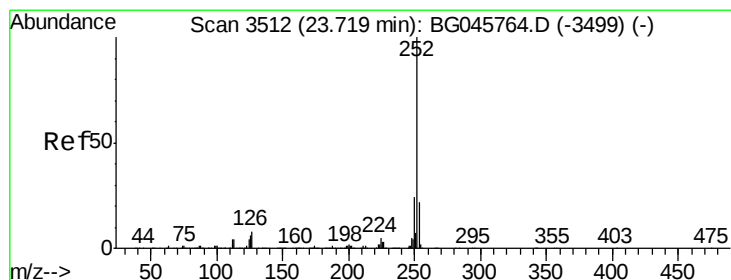
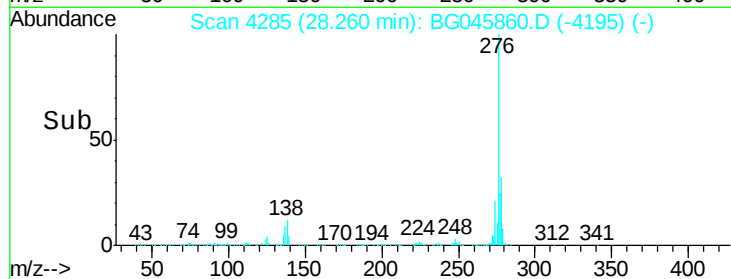
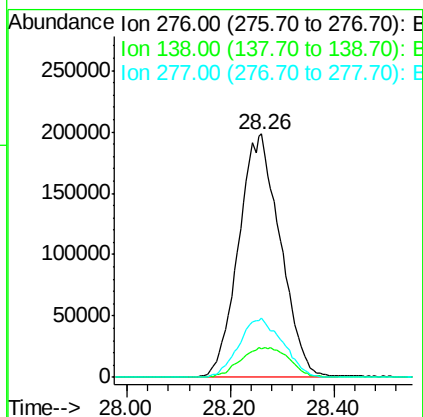
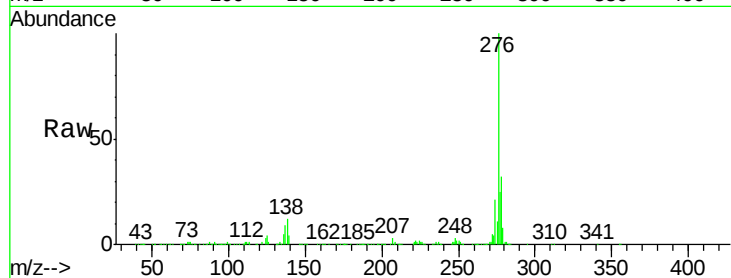
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.643 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	5.4	8.0#
277	25.6	20.6	30.8

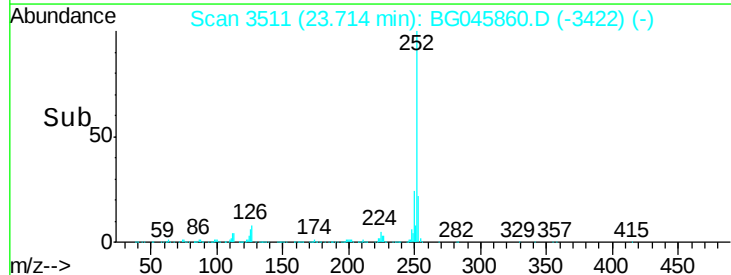
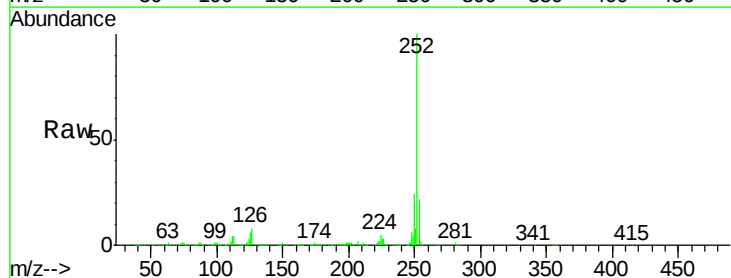
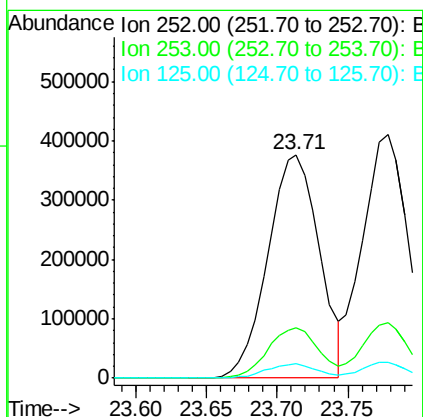
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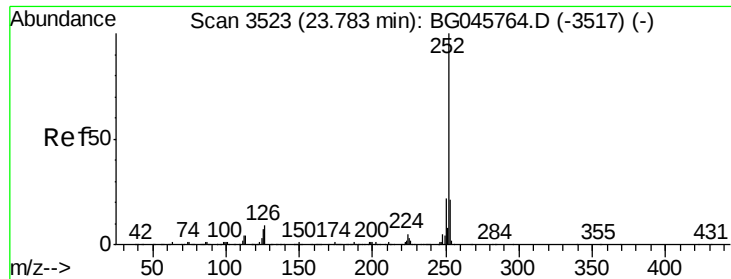
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.575 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.2	5.0	7.4





#89

Benzo(k)fluoranthene

Concen: 45.259 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Instrument :

BNA_G

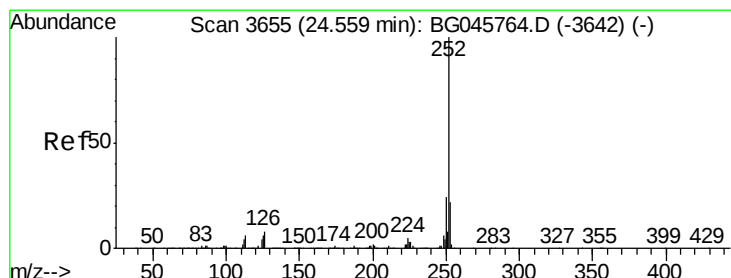
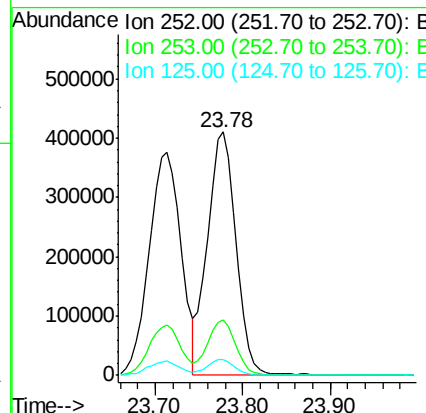
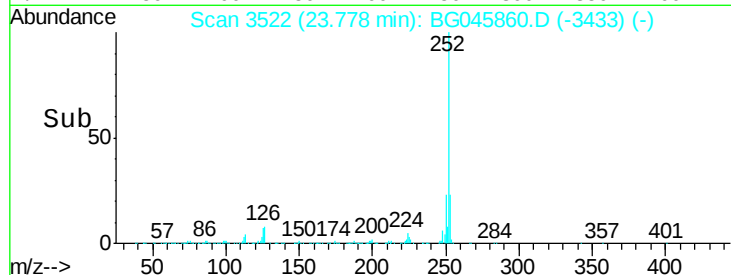
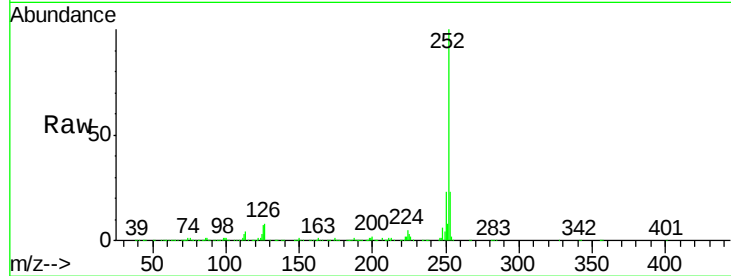
ClientSampleId :

PB129763BSD

Tot Ion:	252	Resp:	930547
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	6.6	5.2	7.8

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#90

Benzo(a)pyrene

Concen: 43.744 ng

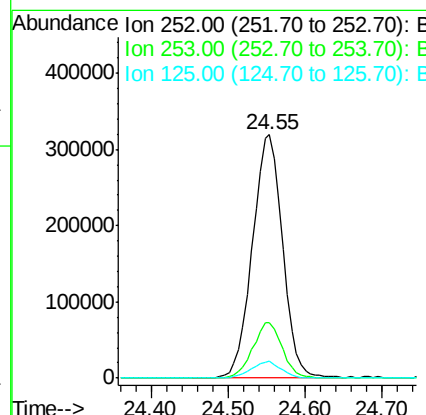
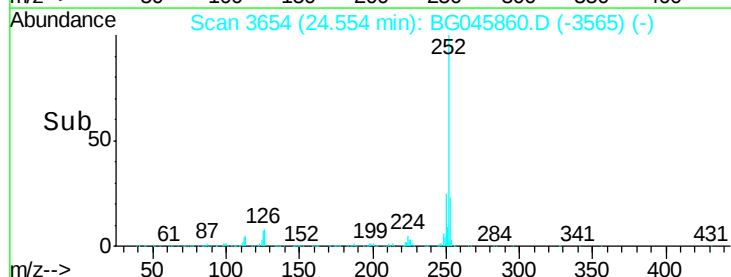
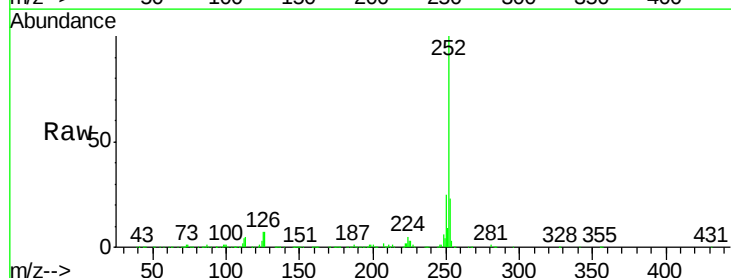
RT: 24.55 min Scan# 3654

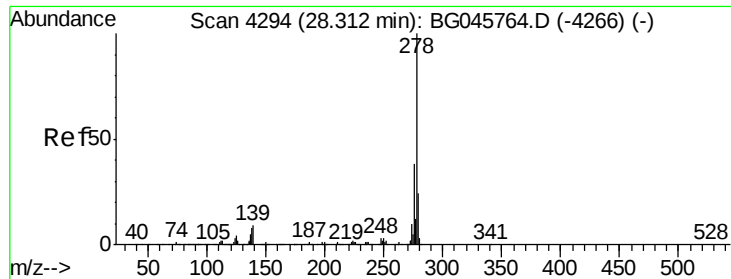
Delta R.T. -0.00 min

Lab File: BG045860.D

Acq: 25 Jun 2020 16:45

Tgt Ion:	252	Resp:	877821
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	7.1	5.0	7.6





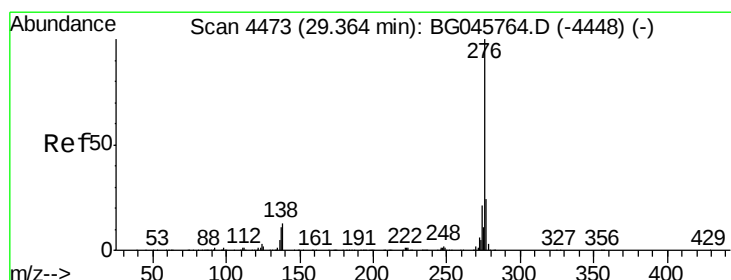
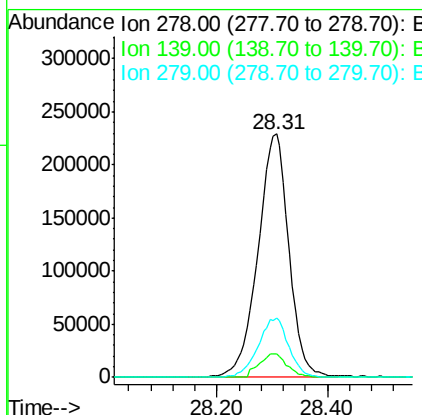
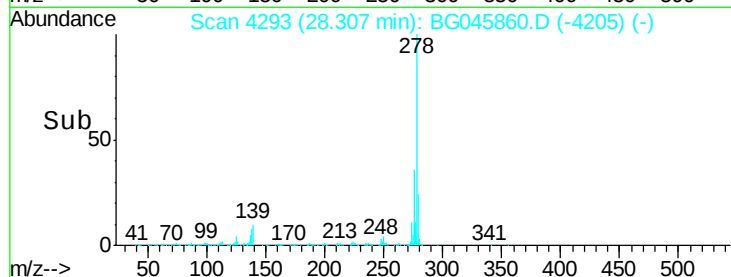
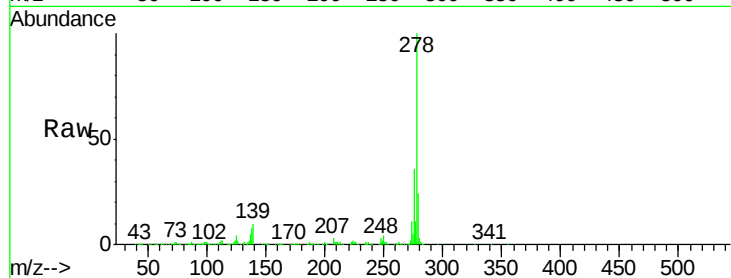
#91
 Dibenzo(a,h)anthracene
 Concen: 44.875 ng
 RT: 28.31 min Scan# 4293
 Delta R.T. -0.01 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.3	10.9
279	24.2	19.5	29.3

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#92
 Benzo(g,h,i)perylene
 Concen: 45.194 ng
 RT: 29.35 min Scan# 4471
 Delta R.T. -0.02 min
 Lab File: BG045860.D
 Acq: 25 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	11.7	10.6	15.8

