

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045161.D
 Acq On : 24 Apr 2020 15:02
 Operator : CG/JU
 Sample : PB128245BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Manual Integrations
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mohammad
 4/27/2020 3:05:41 PM

Quant Time: Apr 24 18:01:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	62610	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256386	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	183180	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	452690	20.00	ng	0.00
76) Chrysene-d12	21.65	240	433078	20.00	ng	0.00
87) Perylene-d12	24.82	264	470030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	521203	137.43	ng	0.00
7) Phenol-d6	7.17	99	744479	132.13	ng	0.00
23) Nitrobenzene-d5	9.16	82	475001	84.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	373540	132.00	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1099903	88.04	ng	0.00
79) Terphenyl-d14	19.99	244	1957527	98.52	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	65164	38.664 ng	97
3) Pyridine	3.86	79	186694	35.977 ng	95
4) n-Nitrosodimethylamine	3.77	42	75890	47.739 ng	94
6) Aniline	7.32	93	241771	33.002 ng	100
8) 2-Chlorophenol	7.56	128	198080	48.599 ng	96
9) Benzaldehyde	7.13	77	90610	25.037 ng	90
10) Phenol	7.19	94	266870	47.331 ng	95
11) bis(2-Chloroethyl)ether	7.42	93	187022	41.661 ng	97
12) 1,3-Dichlorobenzene	7.89	146	212865	44.321 ng	98
13) 1,4-Dichlorobenzene	8.03	146	214780	44.880 ng	97
14) 1,2-Dichlorobenzene	8.36	146	204917	44.758 ng	97
15) Benzyl Alcohol	8.23	79	202241	42.811 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	167173	37.937 ng	97
17) 2-Methylphenol	8.45	107	181710	41.770 ng	94
18) Hexachloroethane	9.09	117	82144	45.659 ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	165474	41.527 ng	97
20) 3+4-Methylphenols	8.77	107	253073	41.562 ng	99
22) Acetophenone	8.82	105	300644	43.362 ng	99
24) Nitrobenzene	9.20	77	255389	44.341 ng	97
25) Isophorone	9.73	82	464066	40.330 ng	98
26) 2-Nitrophenol	9.91	139	116886	47.114 ng	98
27) 2,4-Dimethylphenol	9.98	122	185005	46.997 ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	260844	43.144 ng	99
29) 2,4-Dichlorophenol	10.46	162	214933	47.285 ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	225518	43.820 ng	96
31) Naphthalene	10.86	128	613896	43.770 ng	98
32) Benzoic acid	10.12	122	104265	34.807 ng	96
33) 4-Chloroaniline	10.97	127	120195	18.376 ng	97
34) Hexachlorobutadiene	11.15	225	150200	42.568 ng	94
35) Caprolactam	11.73	113	77382m	42.774 ng	
36) 4-Chloro-3-methylphenol	12.09	107	246759	46.212 ng	99
37) 2-Methylnaphthalene	12.46	142	472186	43.374 ng	97
38) 1-Methylnaphthalene	12.69	142	449742m	43.761 ng	
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	261415	44.323 ng	99

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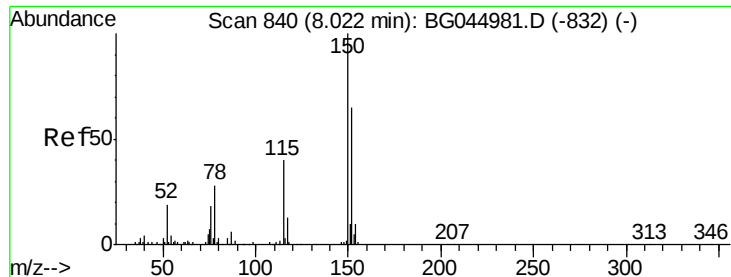
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	383792	104.113	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	194279	46.673	ng	92
44) 2,4,5-Trichlorophenol	13.15	196	208462	43.997	ng	98
46) 1,1'-Biphenyl	13.47	154	604844	43.442	ng	99
47) 2-Chloronaphthalene	13.52	162	466594	43.859	ng	98
48) 2-Nitroaniline	13.71	65	155921	44.545	ng	98
49) Acenaphthylene	14.36	152	772517	44.580	ng	99
50) Dimethylphthalate	14.09	163	661032	44.319	ng	99
51) 2,6-Dinitrotoluene	14.20	165	152498	45.711	ng	94
52) Acenaphthene	14.70	154	600908m	51.252	ng	
53) 3-Nitroaniline	14.54	138	90258	24.668	ng	95
54) 2,4-Dinitrophenol	14.74	184	204144	102.907	ng	96
55) Dibenzofuran	15.04	168	762979	44.636	ng	97
56) 4-Nitrophenol	14.85	139	250367	88.250	ng	93
57) 2,4-Dinitrotoluene	15.00	165	217793	44.672	ng	97
58) Fluorene	15.69	166	638986	45.765	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	207968	49.330	ng	98
60) Diethylphthalate	15.46	149	681364	43.816	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	349155	43.446	ng	99
62) 4-Nitroaniline	15.70	138	158837	41.854	ng	94
63) Azobenzene	15.97	77	642044	44.782	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	146031	49.077	ng	100
66) n-Nitrosodiphenylamine	15.89	169	576011	44.286	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	246242	42.164	ng	98
68) Hexachlorobenzene	16.70	284	266992	44.081	ng	97
69) Atrazine	16.84	200	243520	52.084	ng	98
70) Pentachlorophenol	17.04	266	324437	87.316	ng	98
71) Phenanthrene	17.43	178	1044106	44.884	ng	98
72) Anthracene	17.52	178	1080227	46.293	ng	99
73) Carbazole	17.79	167	1019631	43.058	ng	99
74) Di-n-butylphthalate	18.35	149	1206958	47.107	ng	100
75) Fluoranthene	19.44	202	1319376	48.771	ng	99
77) Benzidine	19.61	184	616344	49.767	ng	97
78) Pyrene	19.79	202	1322590	44.298	ng	99
80) Butylbenzylphthalate	20.69	149	538380	43.502	ng	99
81) Benzo(a)anthracene	21.63	228	1244399	44.333	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	282336	25.271	ng	# 99
83) Chrysene	21.70	228	1202539	44.588	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	742340	43.613	ng	100
85) Di-n-octyl phthalate	22.74	149	1245080	42.301	ng	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1558763	43.532	ng	100
88) Benzo(b)fluoranthene	23.82	252	1317255	44.740	ng	99
89) Benzo(k)fluoranthene	23.89	252	1295286	46.261	ng	98
90) Benzo(a)pyrene	24.68	252	1233586	44.376	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1270036	45.341	ng	97
92) Benzo(g,h,i)perylene	29.56	276	1268544	45.172	ng	98

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



#1

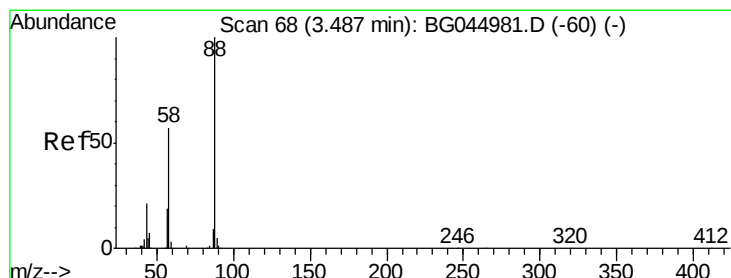
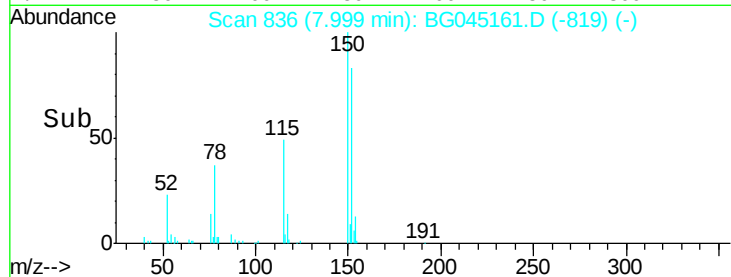
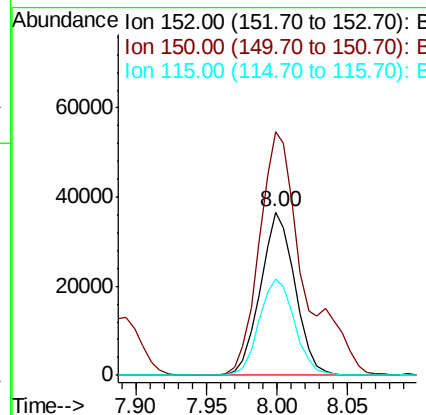
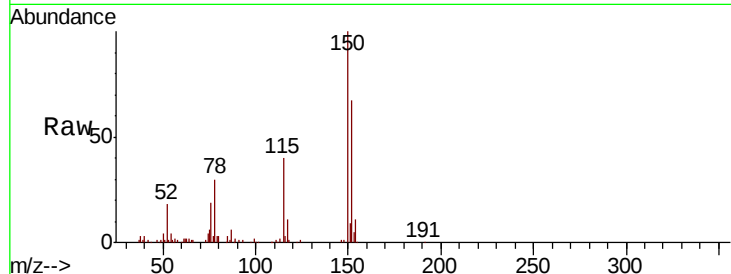
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.6	185.4
115	59.2	49.1	73.7

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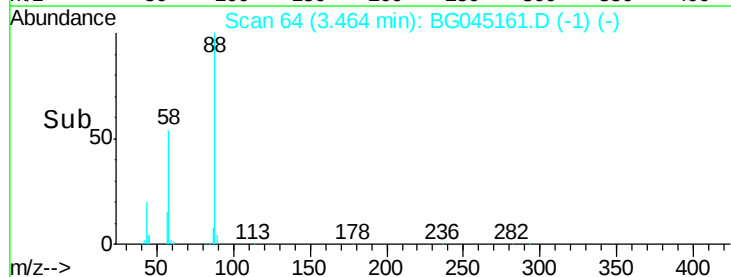
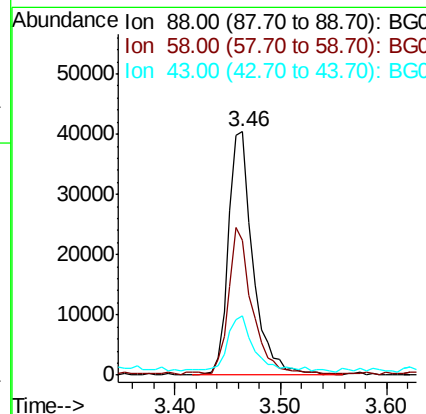
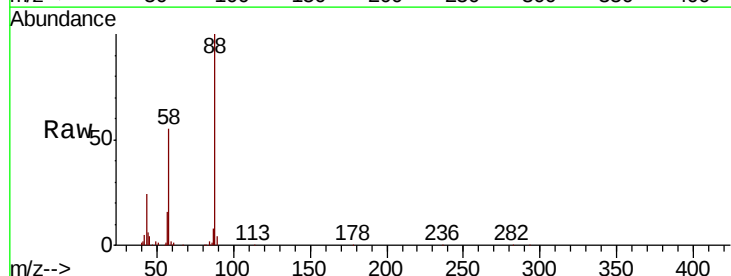
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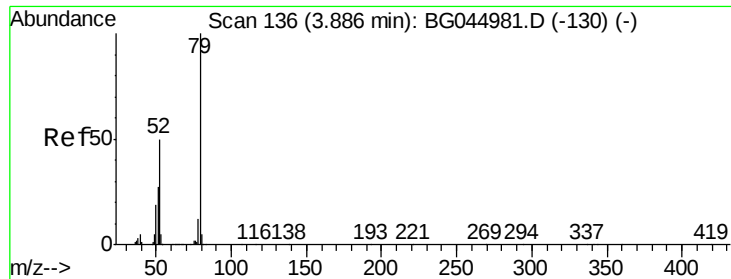


#2

1,4-Dioxane
Concen: 38.664 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	46.6	69.8
43	25.5	17.5	26.3





#3

Pvridine

Concen: 35.977 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

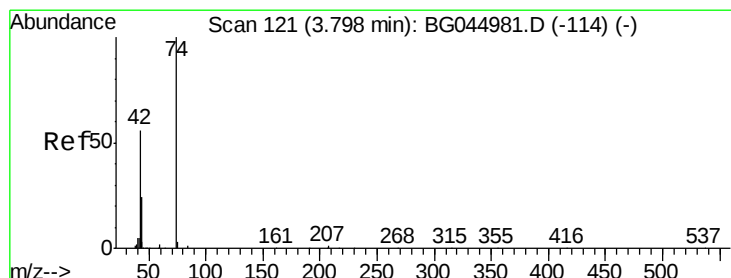
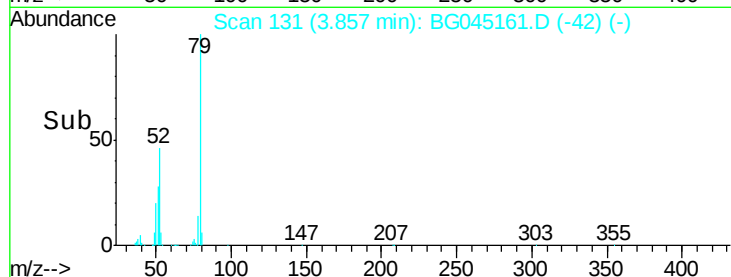
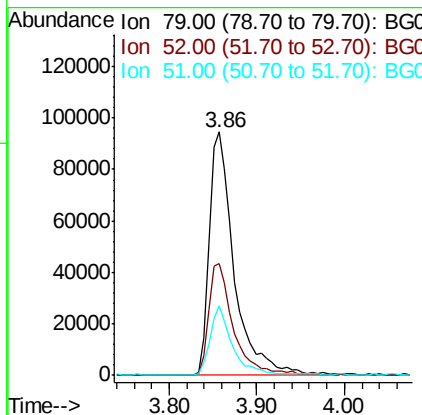
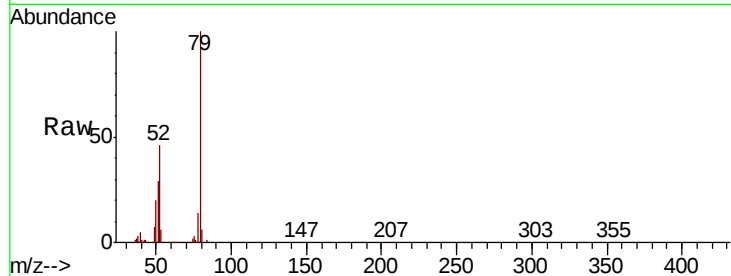
ClientSampleId :

PB128245BS

Tot Ion:	79	Resp:	186694
Ion	Ratio	Lower	Upper
79	100		
52	46.0	39.8	59.6
51	28.6	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 47.739 ng

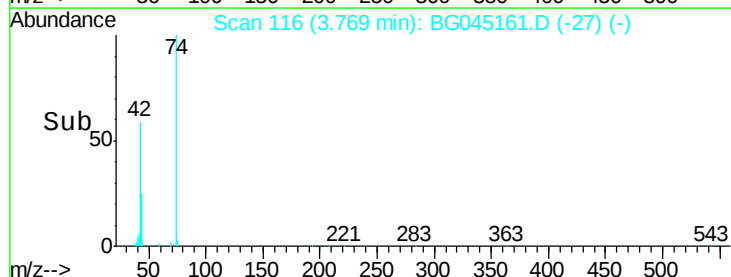
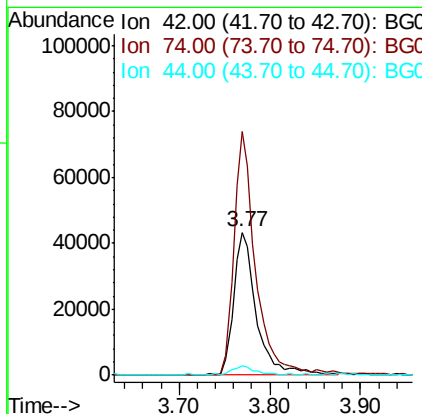
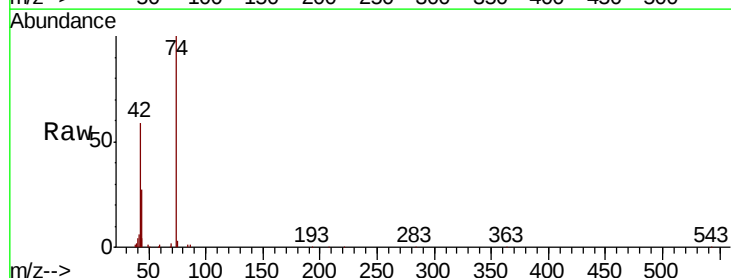
RT: 3.77 min Scan# 116

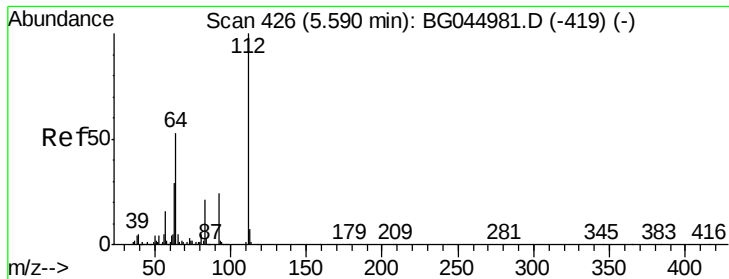
Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	42	Resp:	75890
Ion	Ratio	Lower	Upper
42	100		
74	170.4	143.0	214.6
44	6.4	4.6	6.8





#5

2-Fluorophenol

Concen: 137.435 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

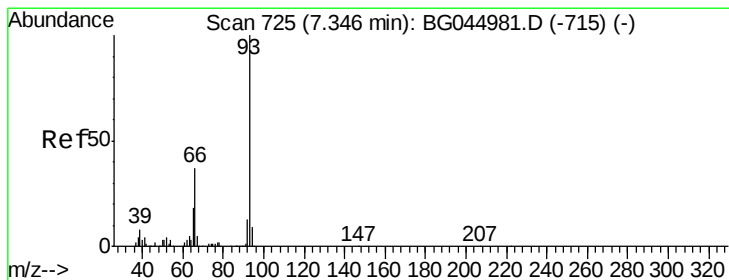
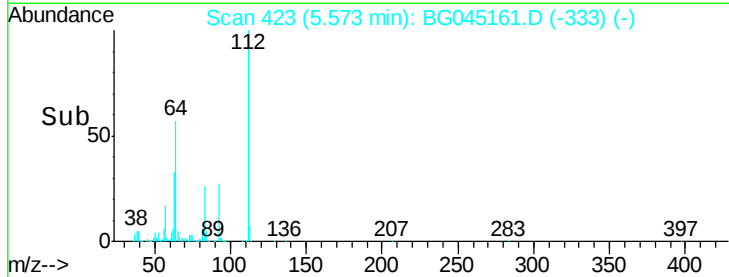
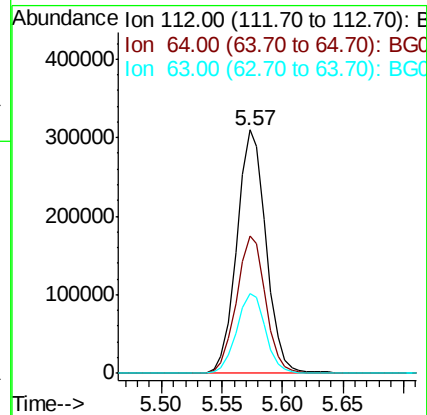
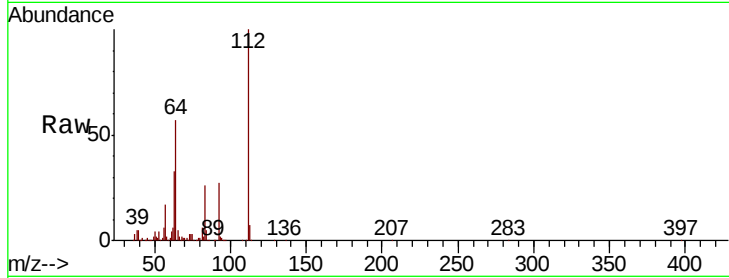
ClientSampleId :

PB128245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		521203		
64	56.7	42.4	63.6		
63	32.9	23.1	34.7		

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#6

Aniline

Concen: 33.002 ng

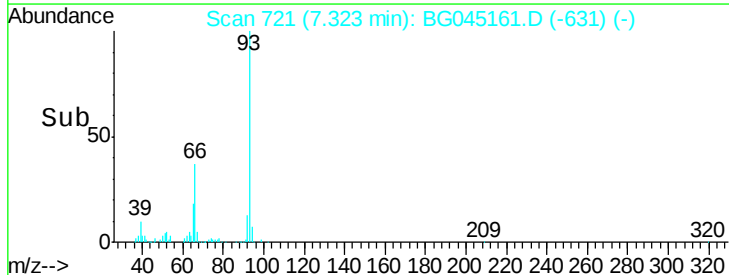
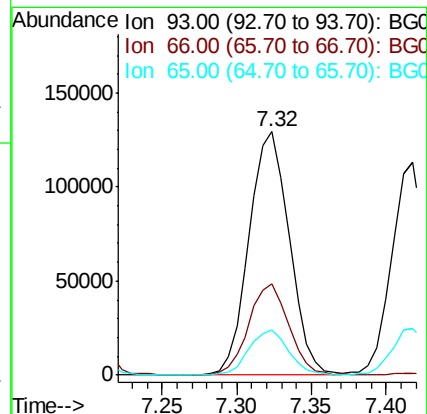
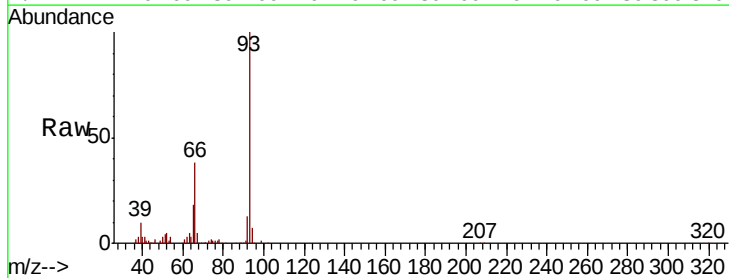
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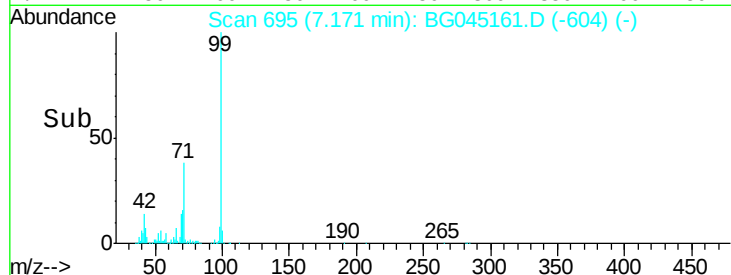
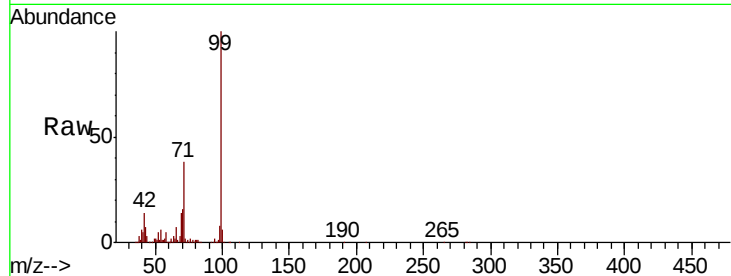
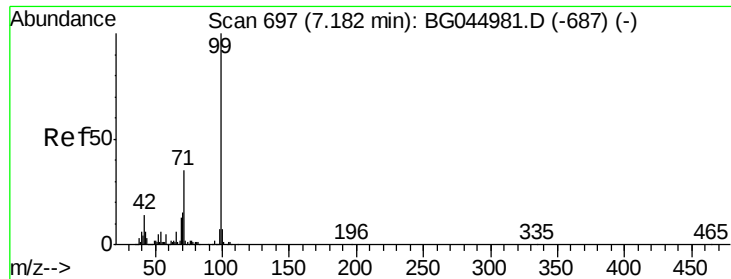
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		241771		
66	37.5	29.8	44.8		
65	18.5	14.6	22.0		





#7

Phenol-d6

Concen: 132.128 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tot Ion:	99	Resp:	744479
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	37.9	28.3	42.5

Instrument :

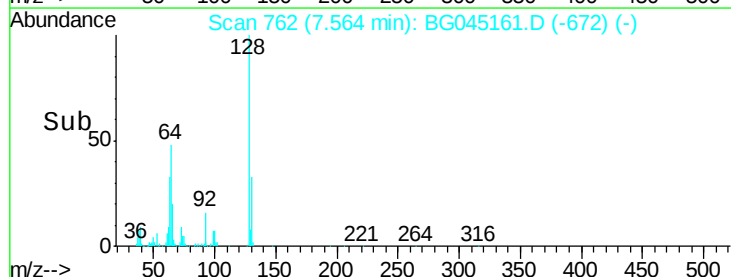
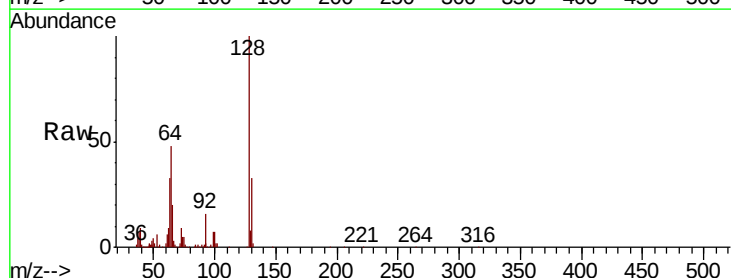
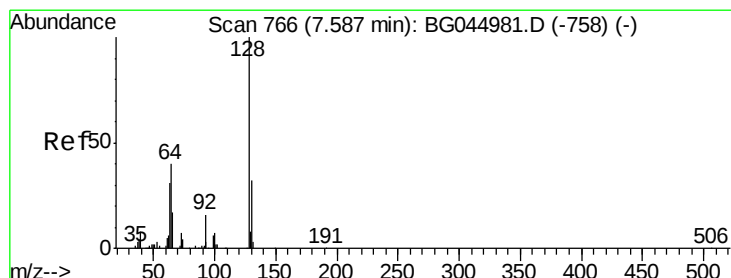
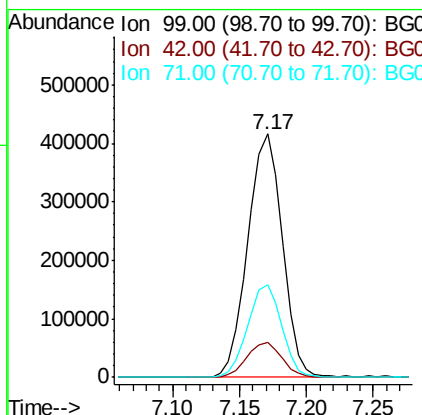
BNA_G

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#8

2-Chlorophenol

Concen: 48.599 ng

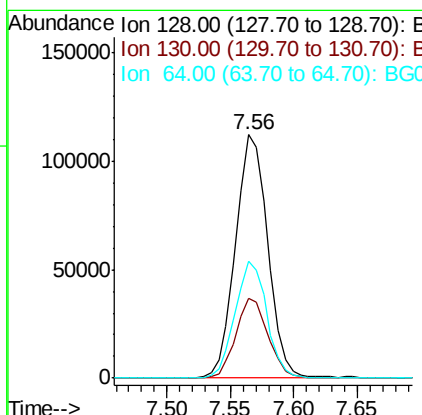
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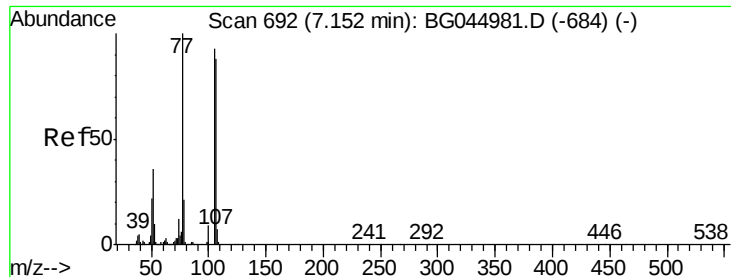
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	128	Resp:	198080
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	48.1	24.4	64.4





#9

Benzaldehyde

Concen: 25.037 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

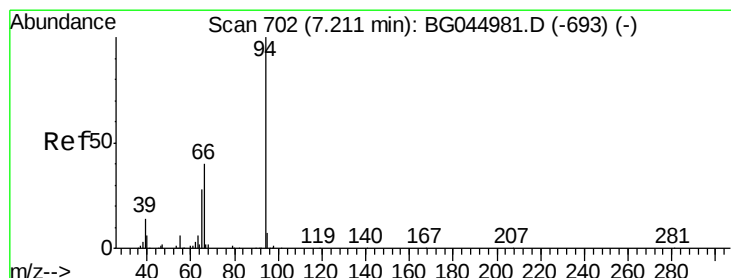
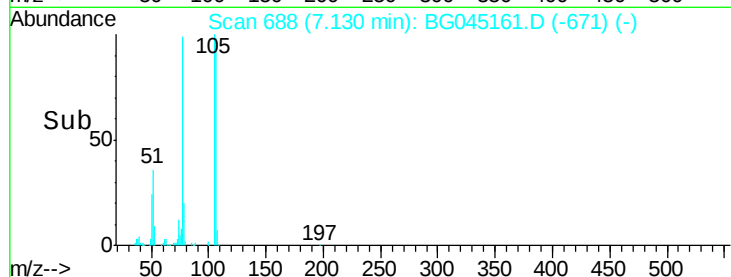
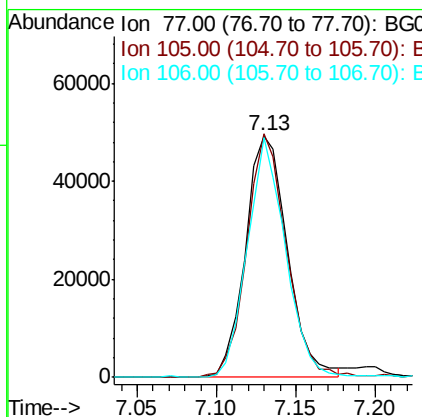
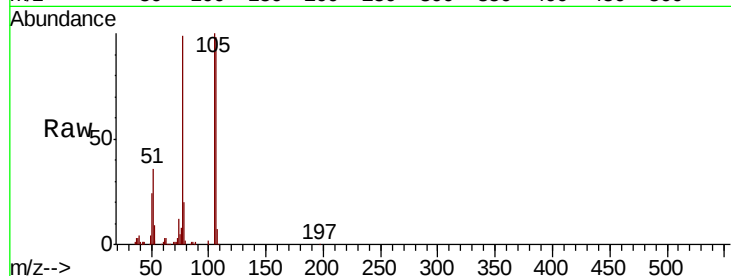
ClientSampleId :

PB128245BS

Tot Ion:	77	Resp:	90610
Ion	Ratio	Lower	Upper
77	100		
105	100.7	72.9	112.9
106	99.2	67.6	107.6

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#10

Phenol

Concen: 47.331 ng

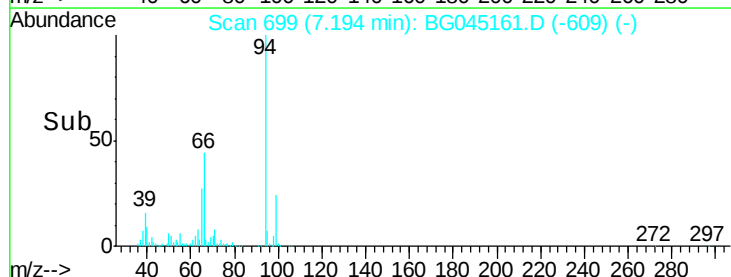
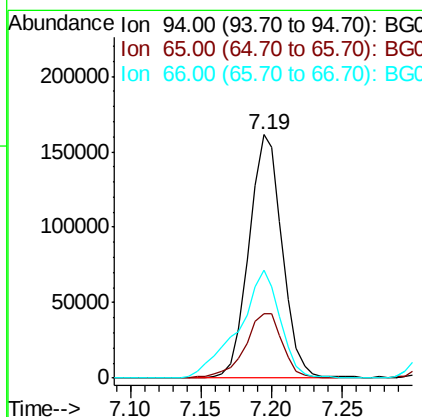
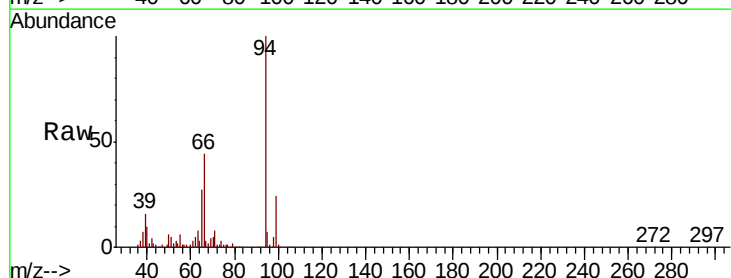
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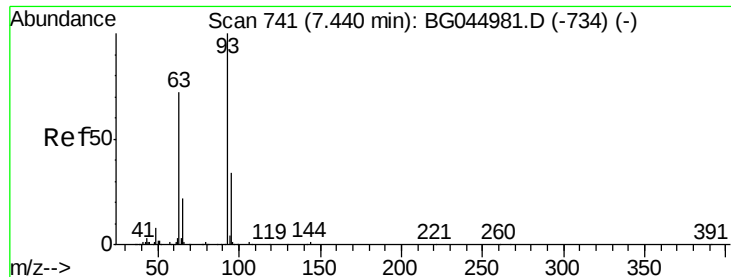
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	94	Resp:	266870
Ion	Ratio	Lower	Upper
94	100		
65	26.7	8.2	48.2
66	44.2	20.4	60.4





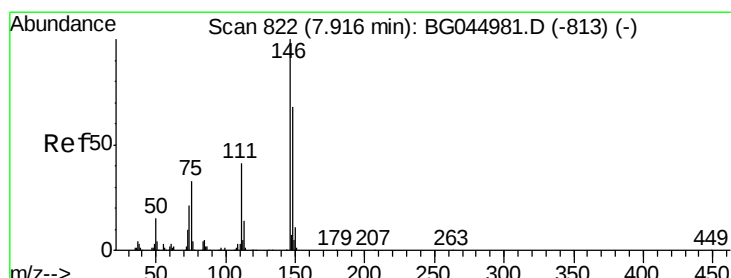
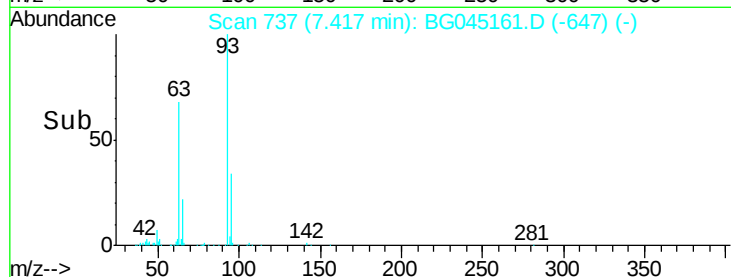
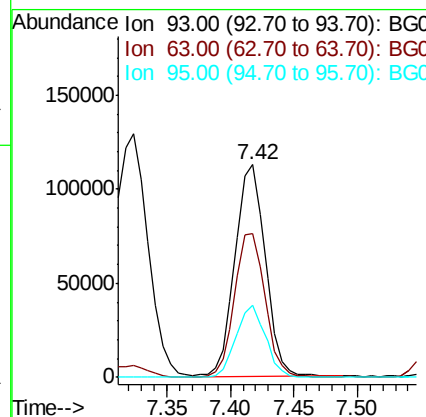
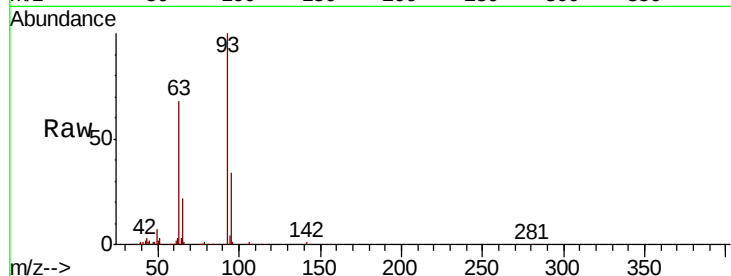
#11
bis(2-Chloroethyl)ether
Concen: 41.661 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.8	51.8	91.8
95	34.0	13.8	53.8

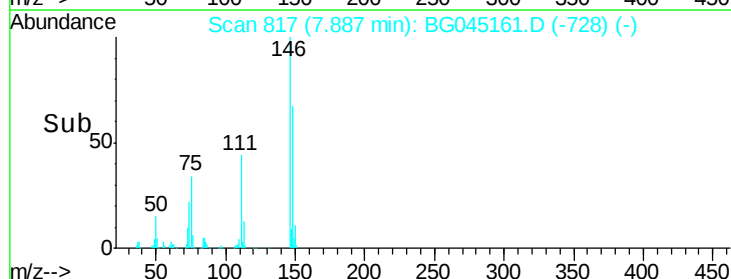
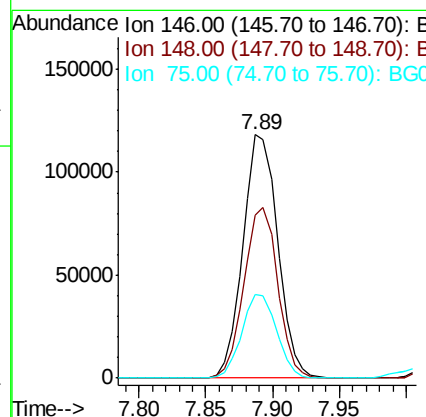
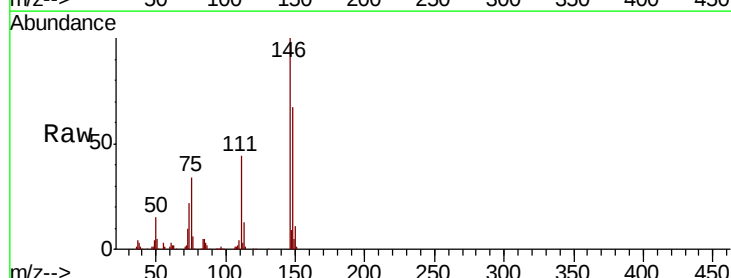
Manual Integrations
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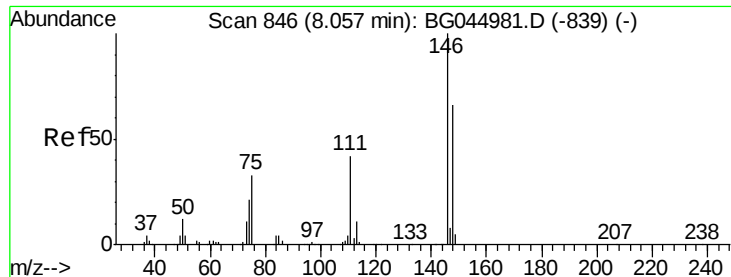
mohammad
4/27/2020 3:05:41 PM



#12
1,3-Dichlorobenzene
Concen: 44.321 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.6	81.8
75	34.5	26.0	39.0





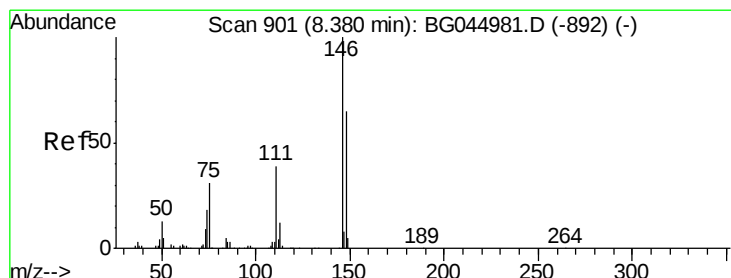
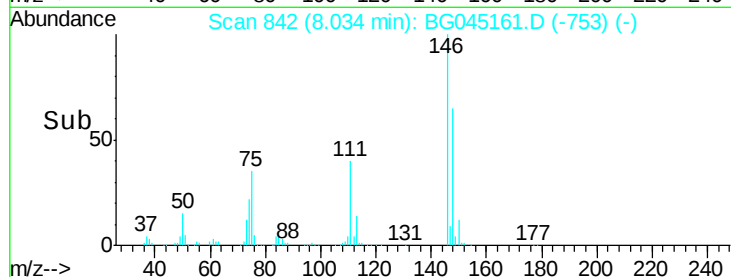
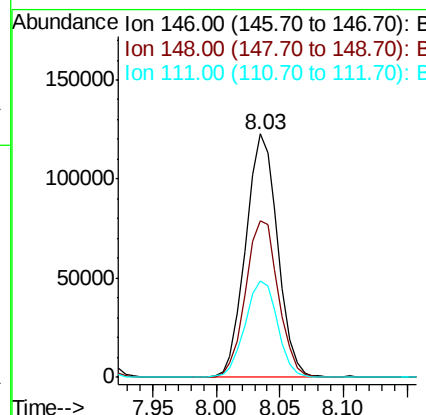
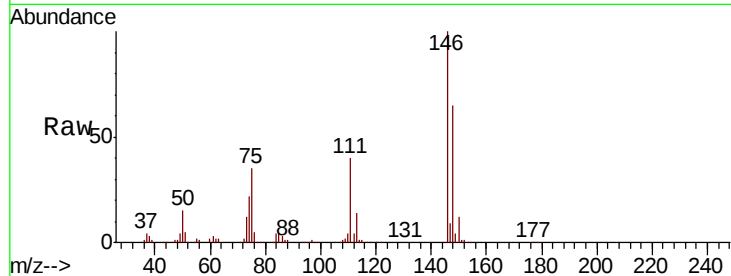
#13
1,4-Dichlorobenzene
Concen: 44.880 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.3	79.9
111	39.8	33.8	50.8

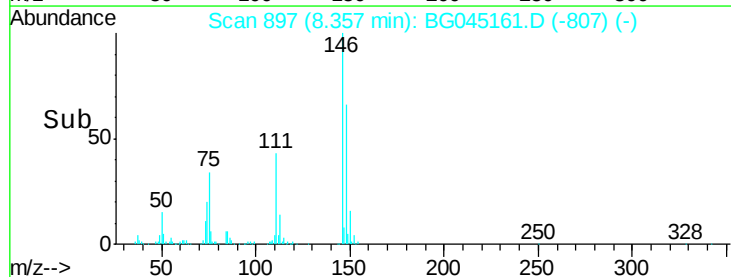
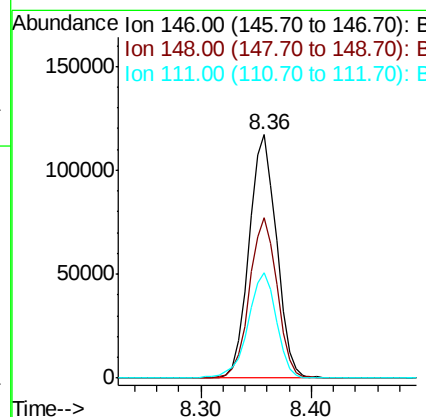
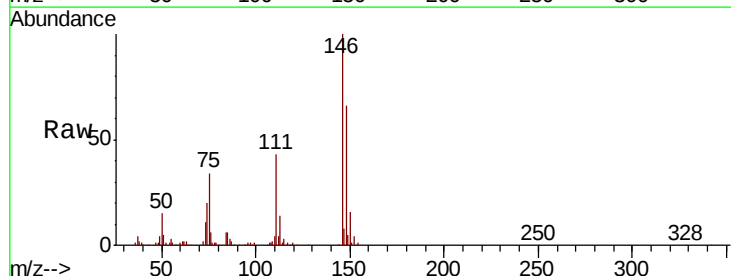
Manual Integrations
APPROVED

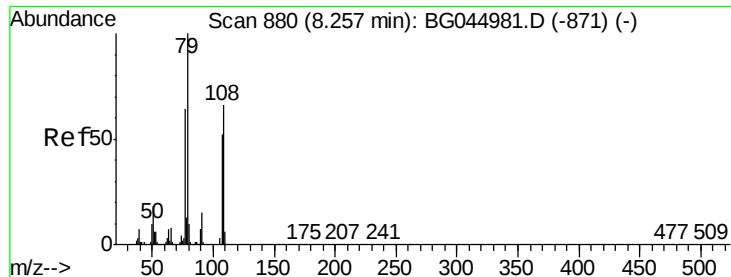
mohammad
4/27/2020 3:05:41 PM



#14
1,2-Dichlorobenzene
Concen: 44.758 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
111	43.2	31.3	46.9





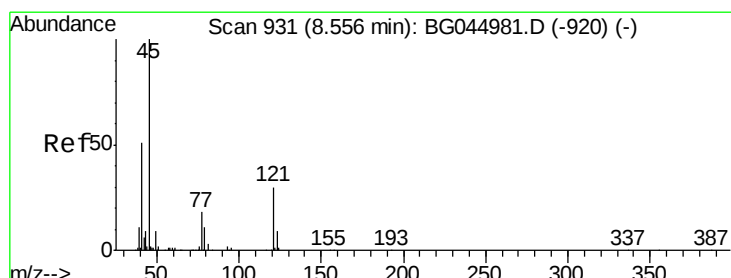
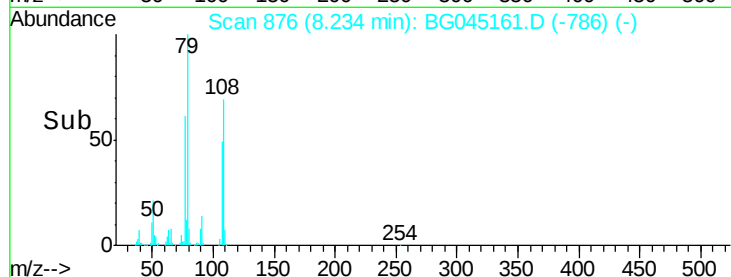
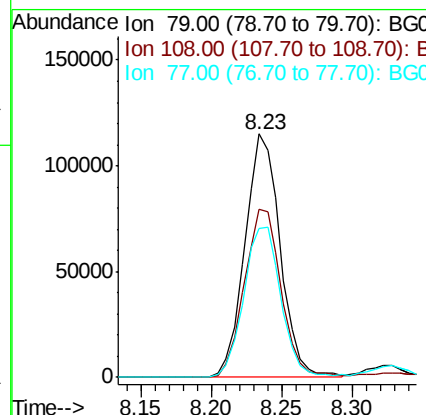
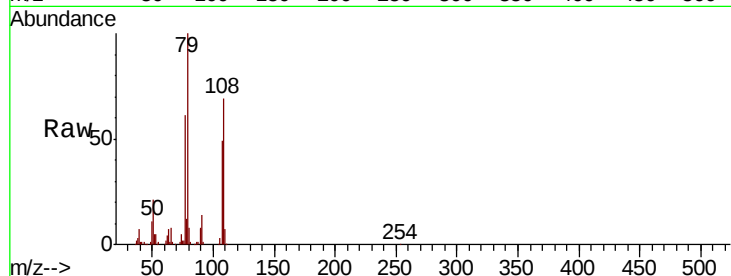
#15
Benzyl Alcohol
Concen: 42.811 ng
RT: 8.23 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	52.7	79.1
77	61.4	51.3	76.9

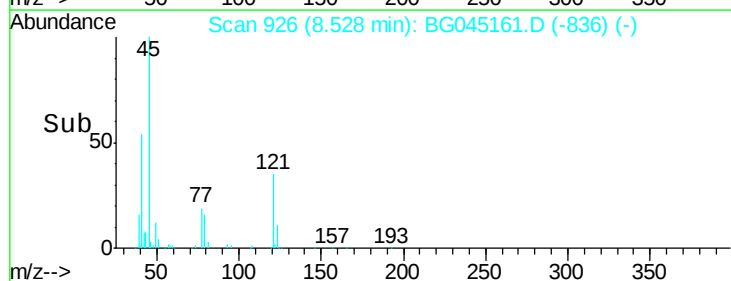
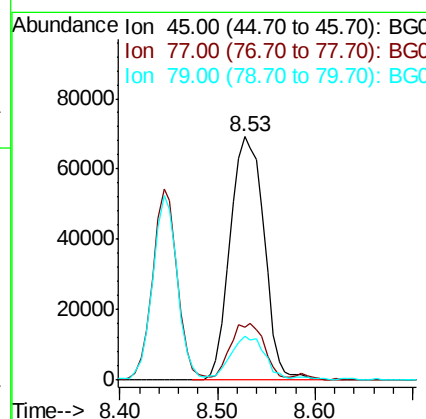
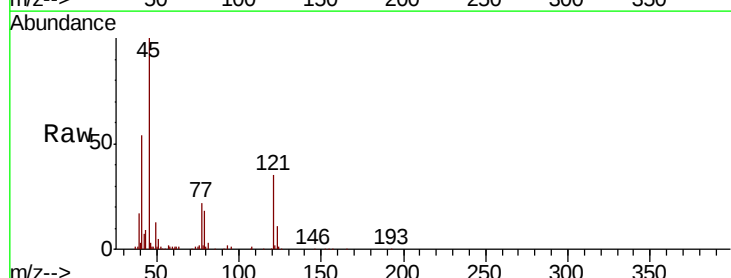
Manual Integrations
APPROVED

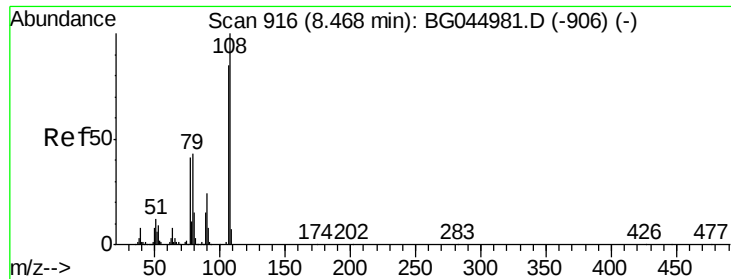
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.937 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.6	1.9	41.9
79	18.0	0.0	35.5





#17

2-Methylphenol

Concen: 41.770 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

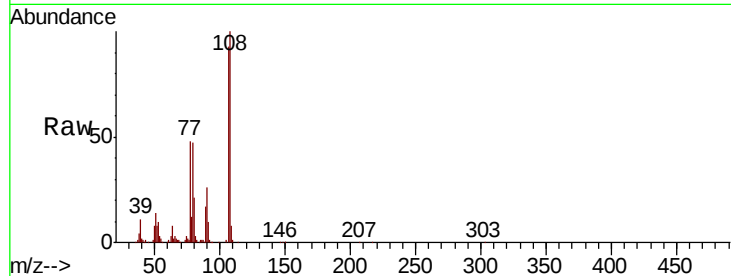
ClientSampleId :

PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.0	93.8	140.6	
77	51.5	38.5	57.7	
79	49.8	40.1	60.1	

Manual Integrations
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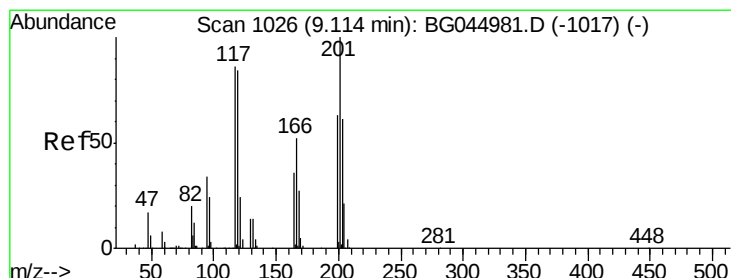
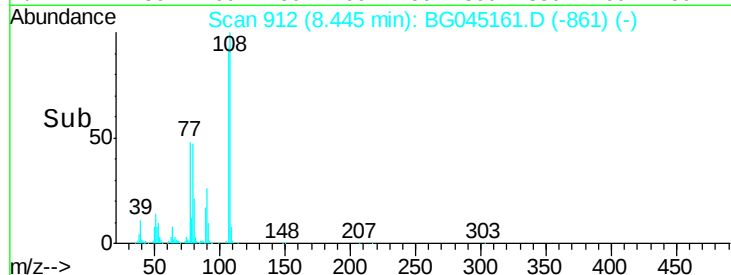
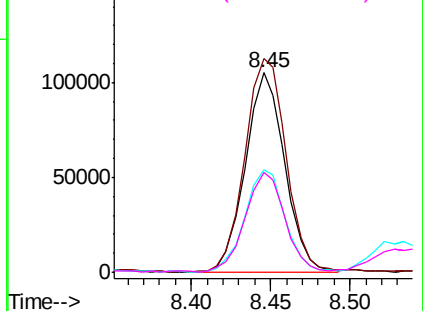
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.659 ng

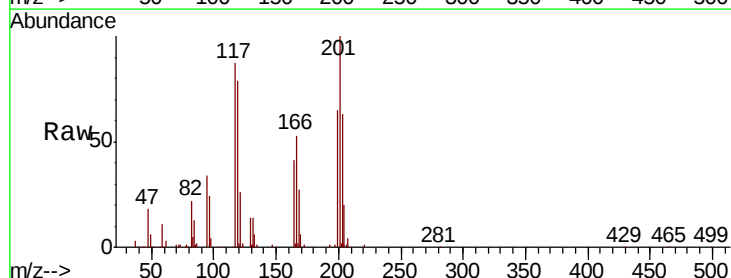
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.3	78.3	117.5	
201	115.1	92.9	139.3	

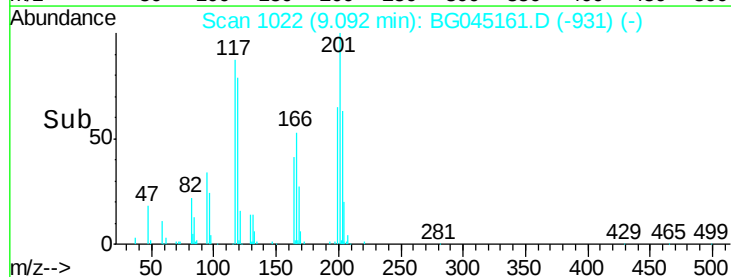
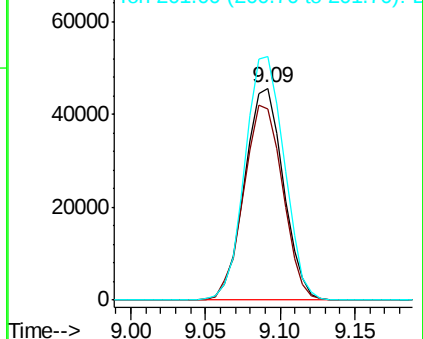


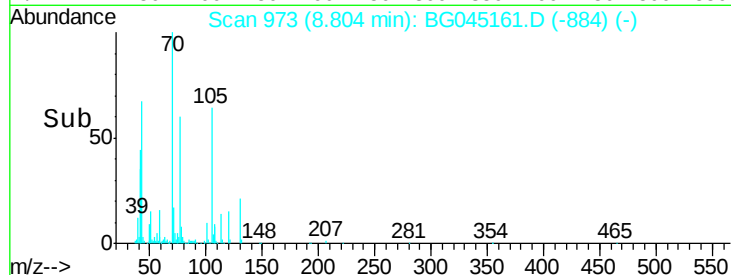
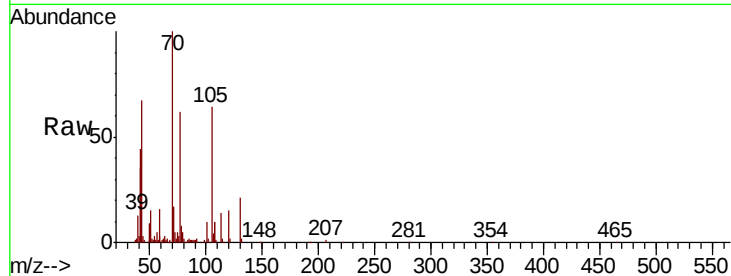
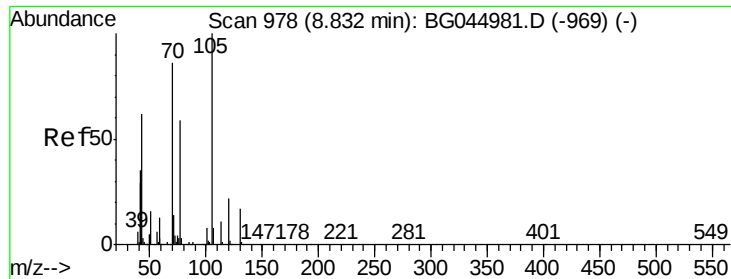
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





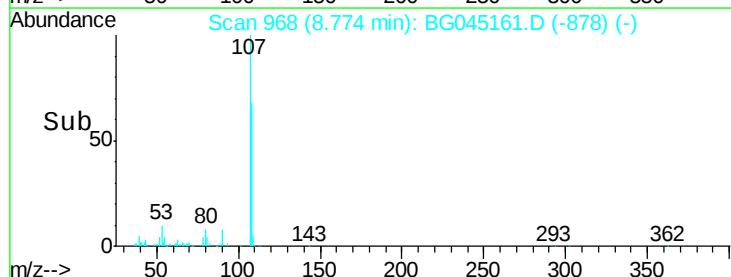
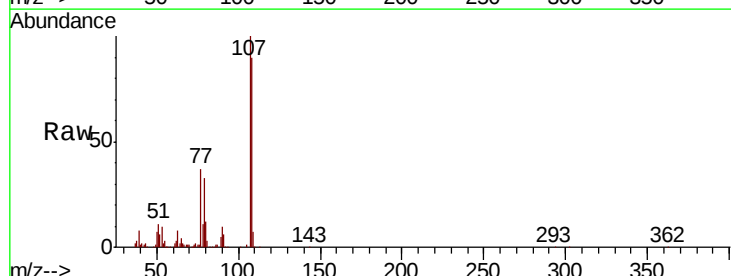
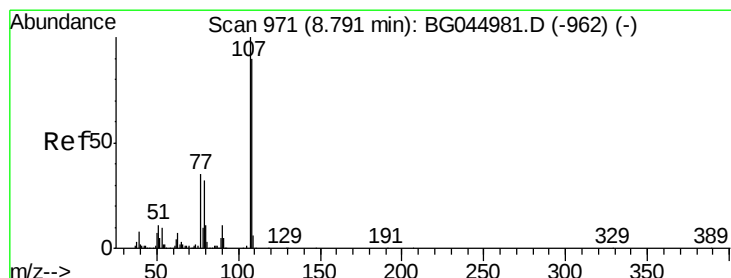
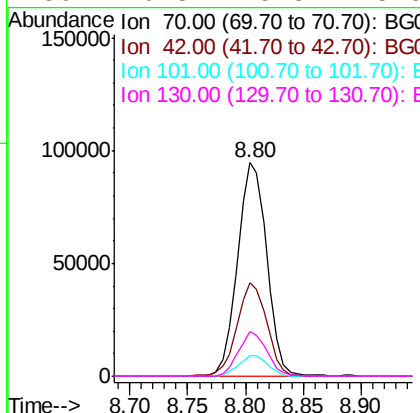
#19
n-Nitroso-di-n-propylamine
Concen: 41.527 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.3	49.9
101	9.8	7.8	11.8
130	20.8	15.8	23.6

Instrument :
BNA_G
ClientSampleId :
PB128245BS

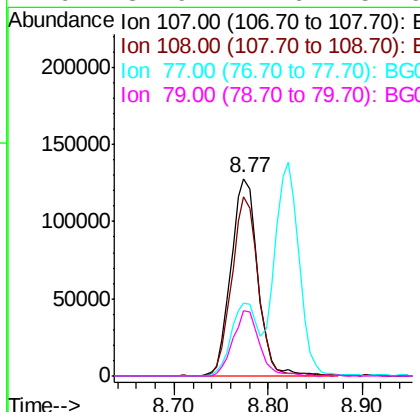
Manual Integrations
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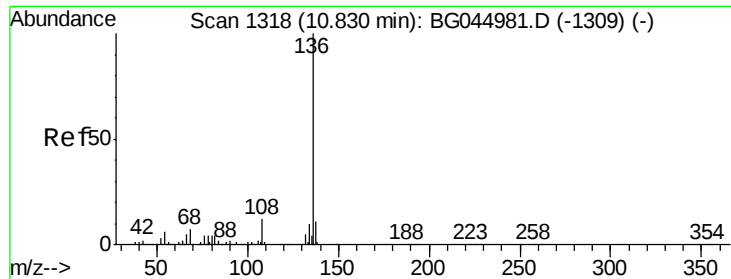
mohammad
4/27/2020 3:05:41 PM



#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	36.8	15.2	55.2
79	32.9	11.6	51.6





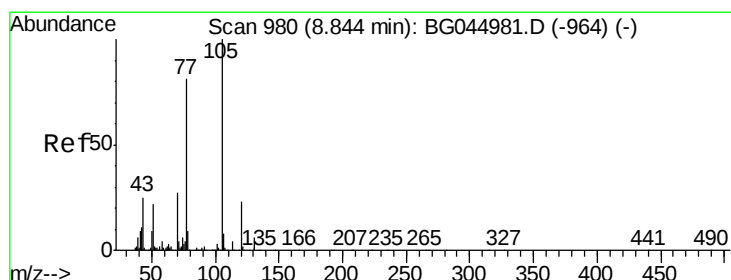
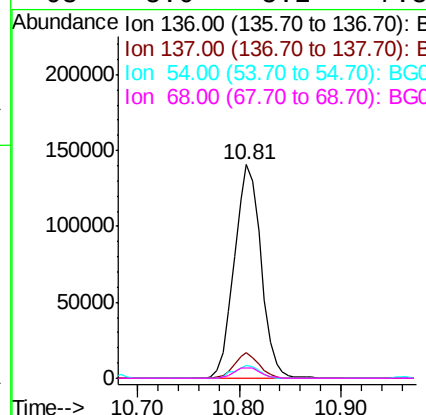
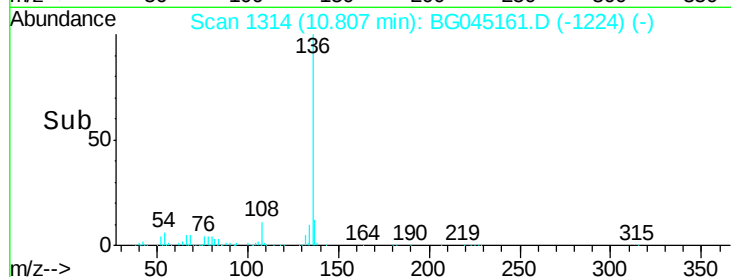
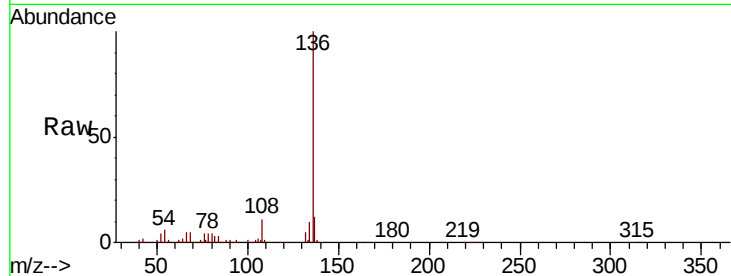
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256386		
137	12.2	8.6	13.0	
54	6.3	4.8	7.2	
68	5.0	5.2	7.8	

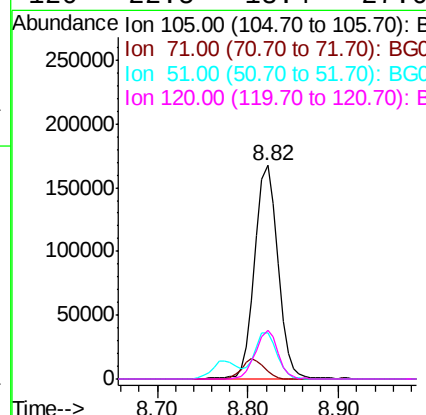
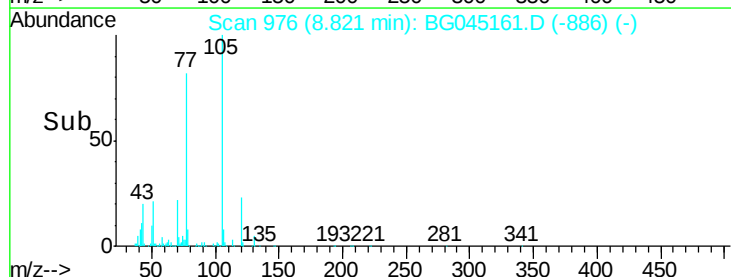
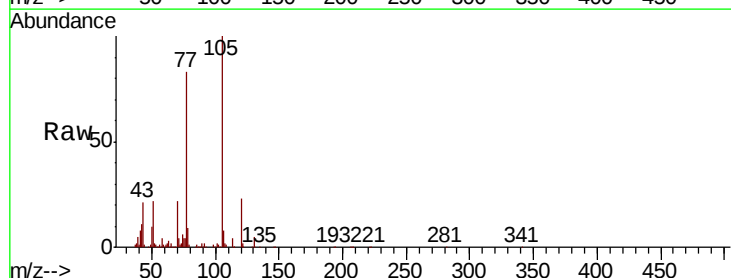
Manual Integrations
APPROVED

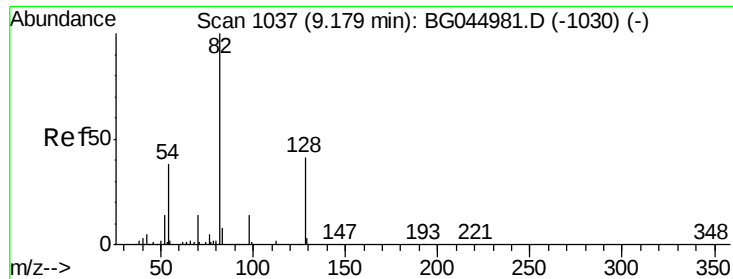
mohammad
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#22
Acetophenone
Concen: 43.362 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300644		
71	3.7	3.3	4.9	
51	21.6	17.3	25.9	
120	22.5	18.4	27.6	





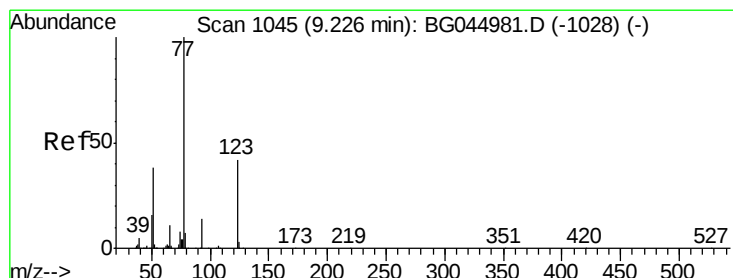
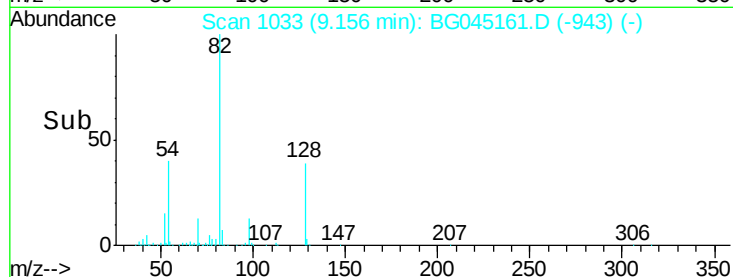
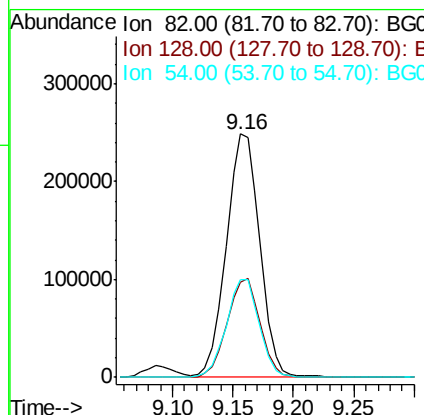
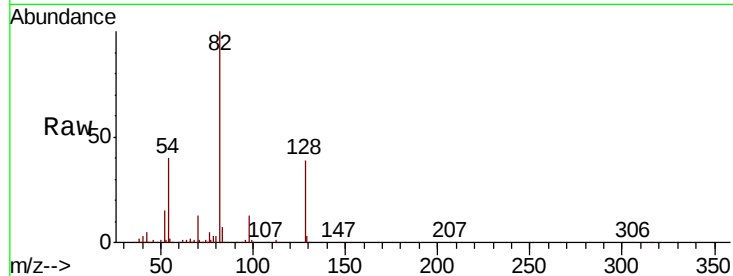
#23
 Nitrobenzene-d5
 Concen: 84.536 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.4
54	40.2	30.4	45.6

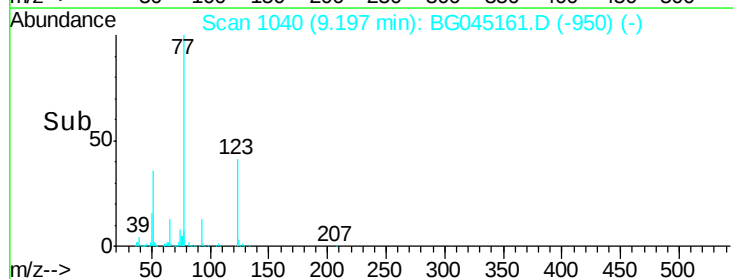
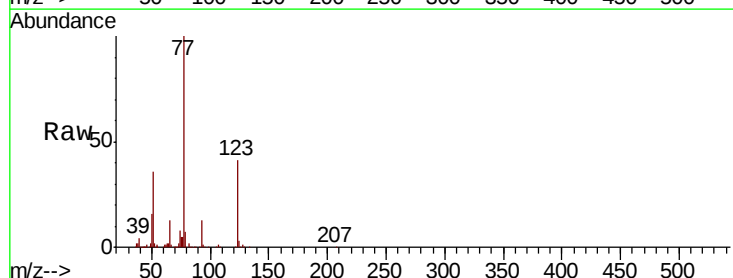
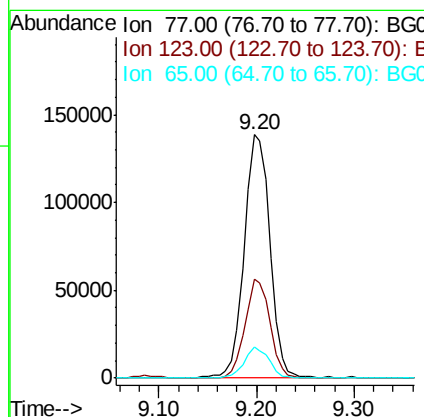
Manual Integrations
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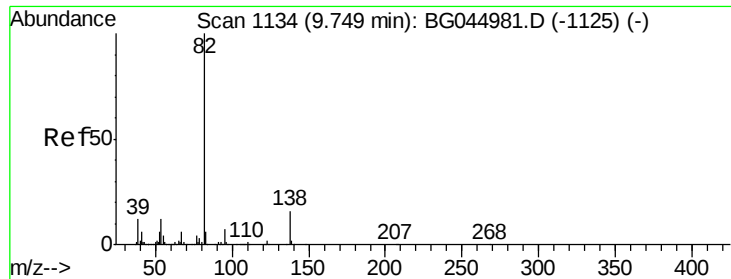
mohammad
 4/27/2020 3:05:41 PM



#24
 Nitrobenzene
 Concen: 44.341 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	12.5	8.9	13.3





#25

Isophorone

Concen: 40.330 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

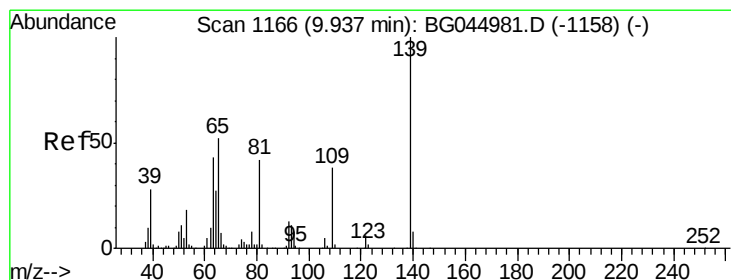
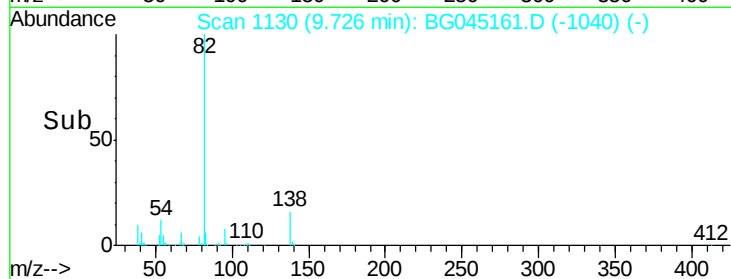
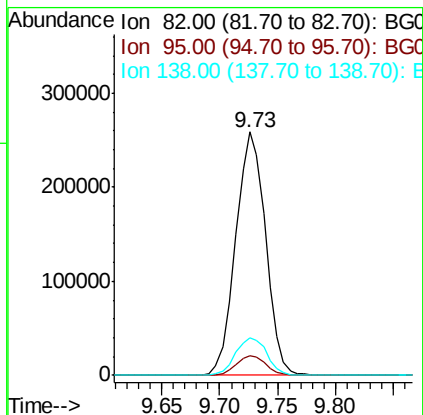
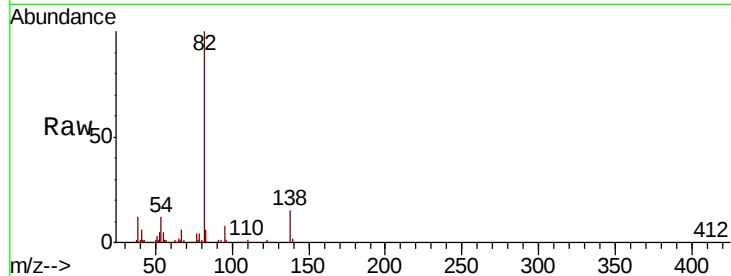
ClientSampleId :

PB128245BS

Tot Ion:	82	Resp:	464066
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.0	9.0
138	15.3	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.114 ng

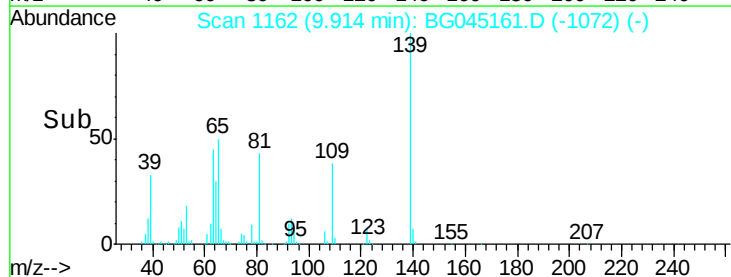
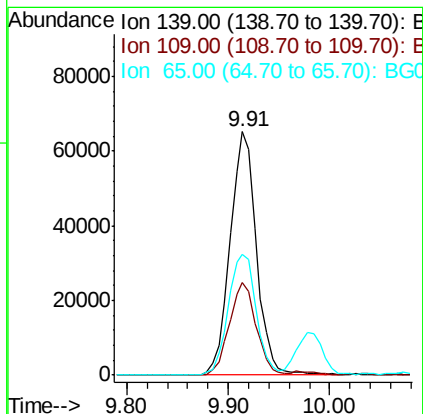
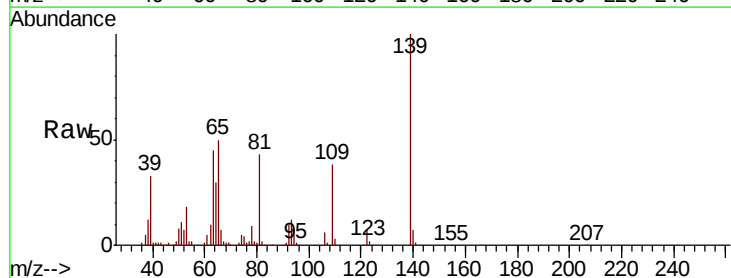
RT: 9.91 min Scan# 1162

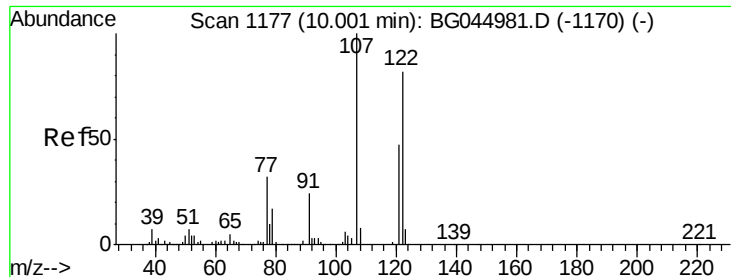
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	139	Resp:	116886
Ion Ratio	Lower	Upper	
139	100		
109	38.0	30.6	45.8
65	49.8	41.8	62.6





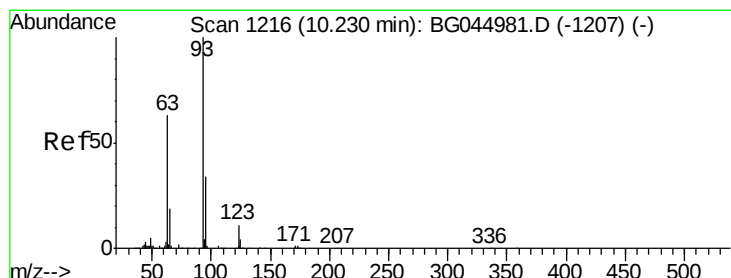
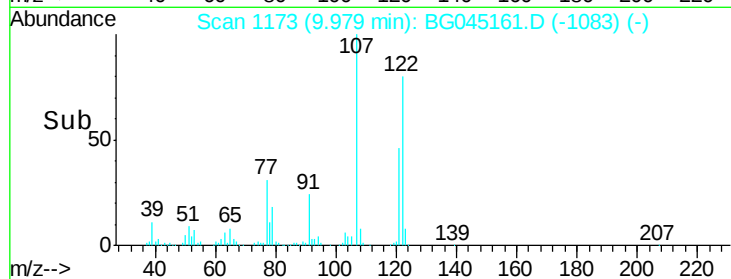
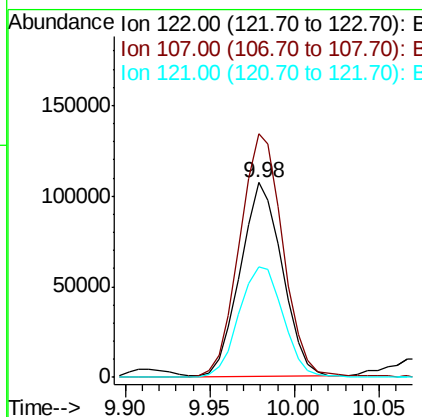
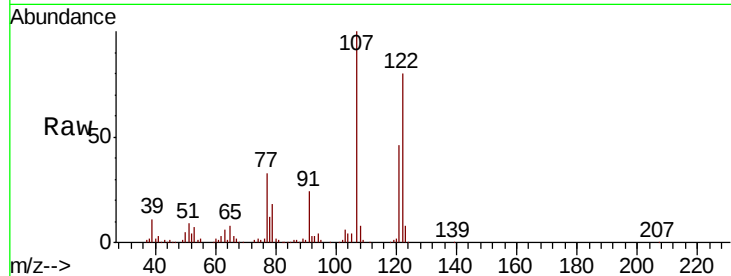
#27
2,4-Dimethylphenol
Concen: 46.997 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	185005		
107	125.0	96.8	145.2	
121	56.9	45.6	68.4	

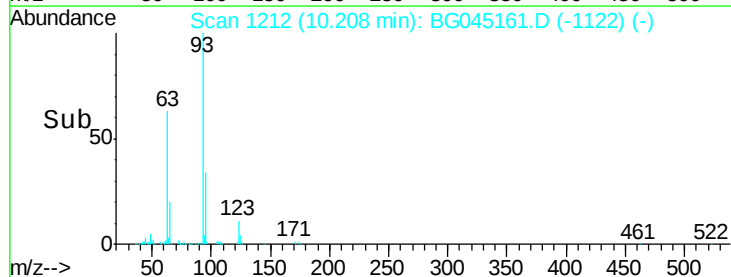
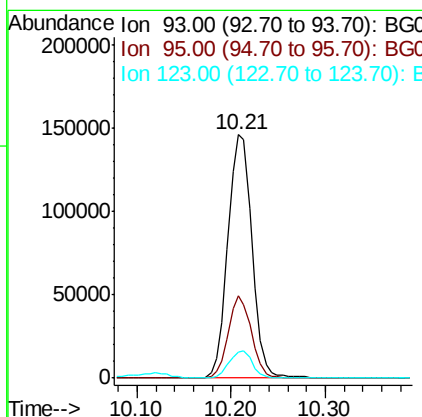
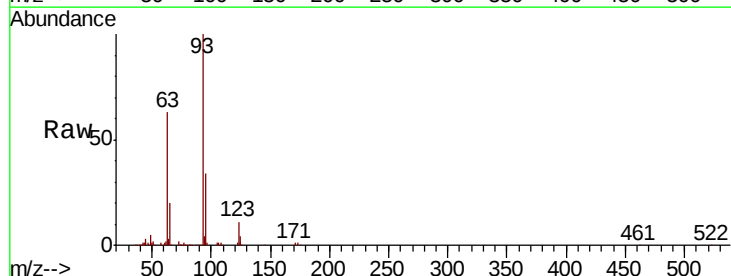
Manual Integrations
APPROVED

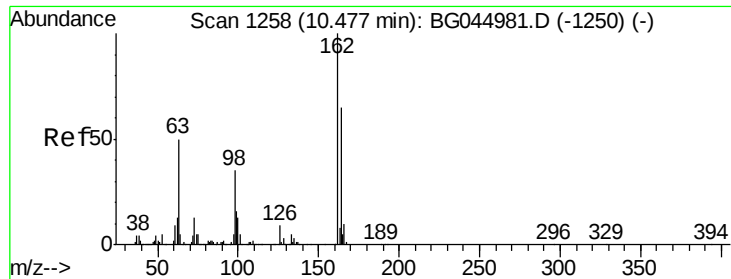
mohammad
4/27/2020 3:05:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.144 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	260844		
95	34.0	27.0	40.4	
123	10.7	8.7	13.1	





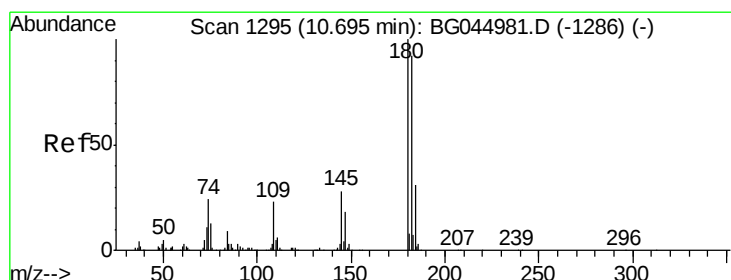
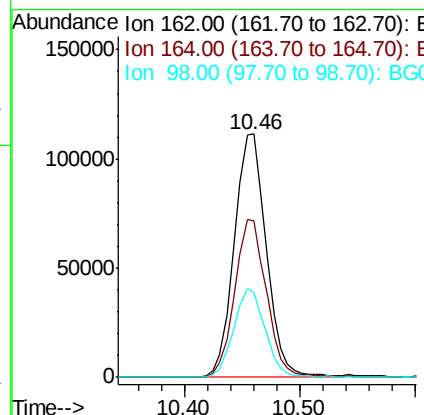
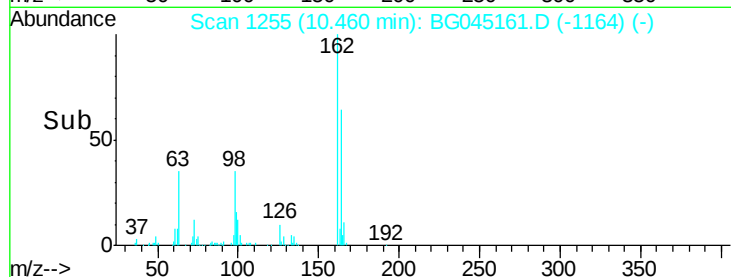
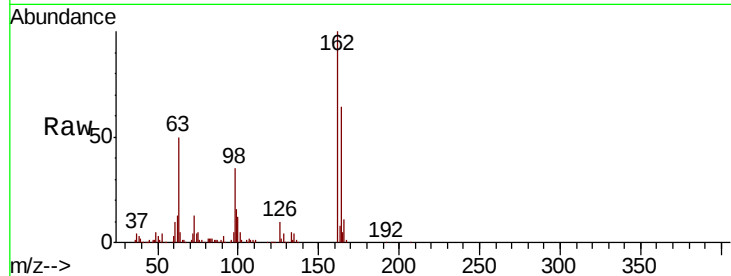
#29
 2,4-Dichlorophenol
 Concen: 47.285 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampled :
 PB128245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		214933		
164	64.2	45.0	85.0		
98	34.6	15.2	55.2		

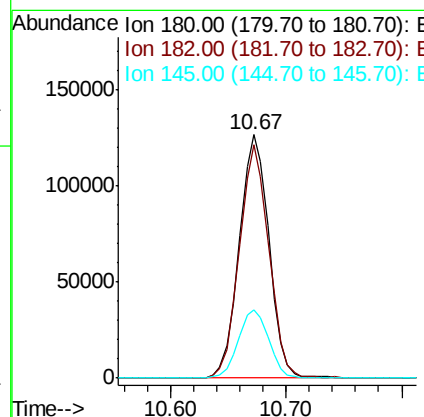
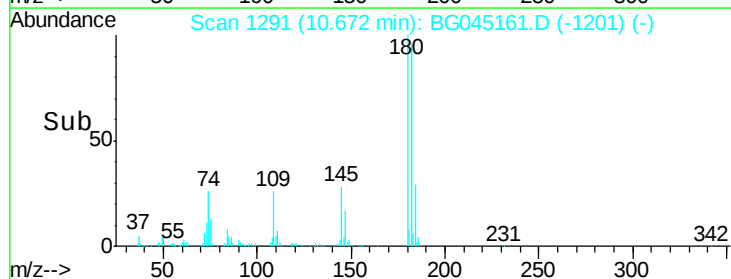
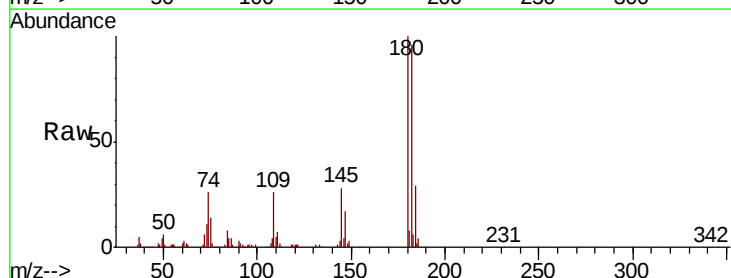
Manual Integrations
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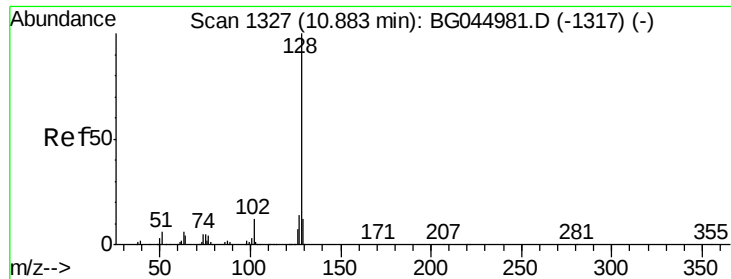
mohammad
 4/27/2020 3:05:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.820 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		225518		
182	96.1	73.3	109.9		
145	27.9	22.6	33.8		





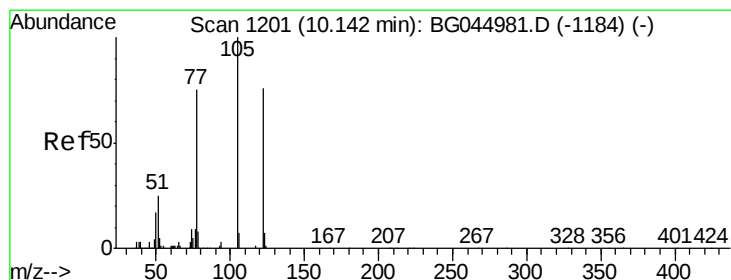
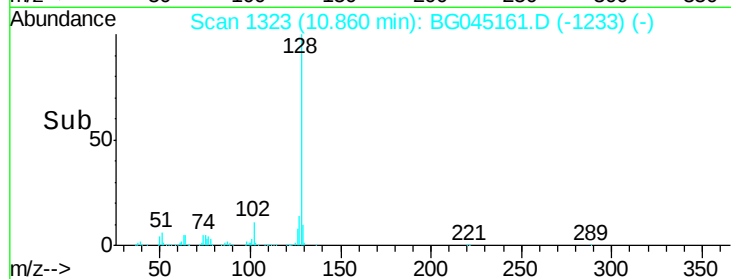
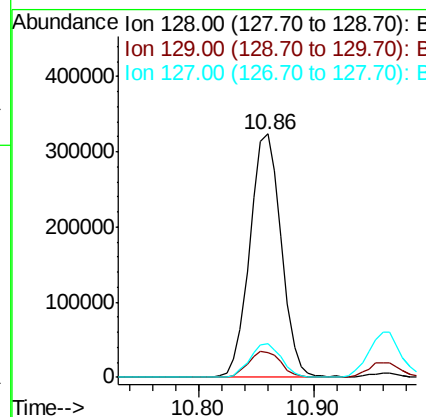
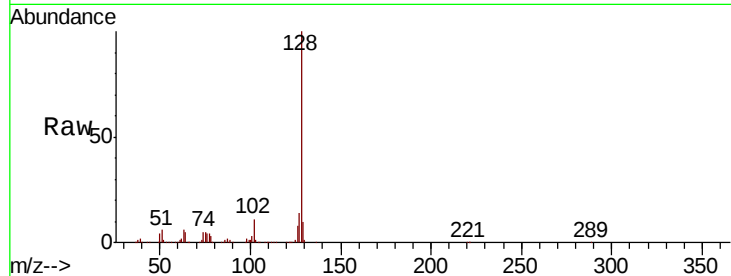
#31
Naphthalene
Concen: 43.770 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.2
127	13.9	10.8	16.2

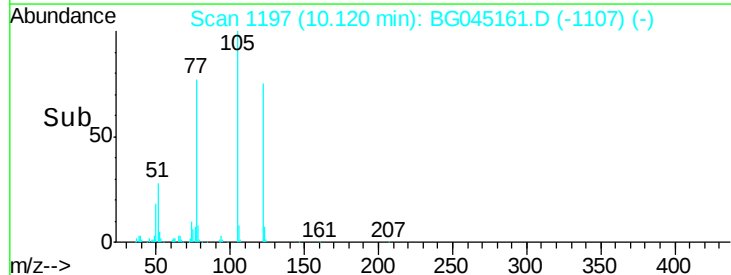
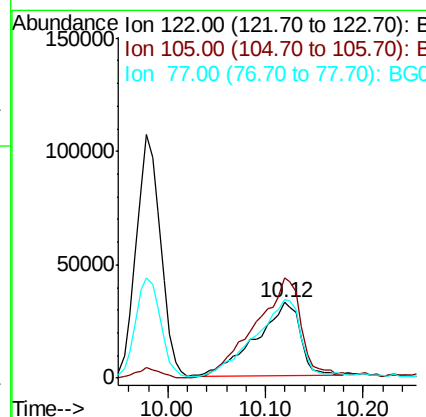
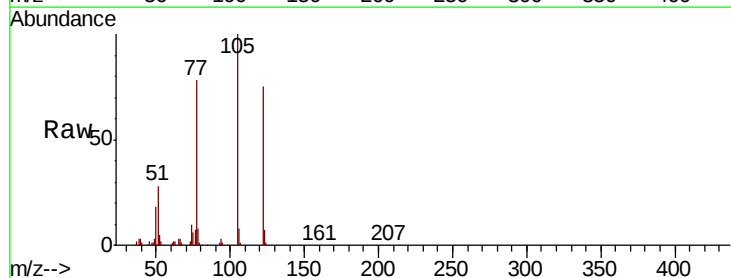
Manual Integrations
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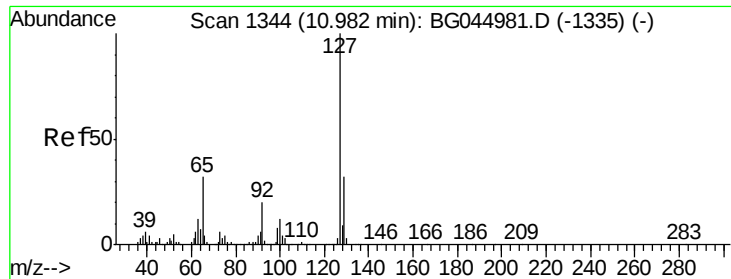
mohammad
4/27/2020 3:05:41 PM



#32
Benzoic acid
Concen: 34.807 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	108.4	148.4
77	103.3	78.8	118.8





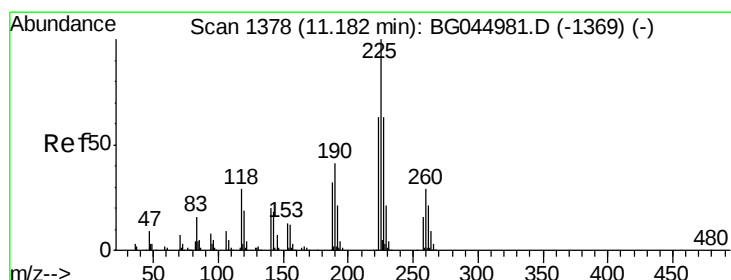
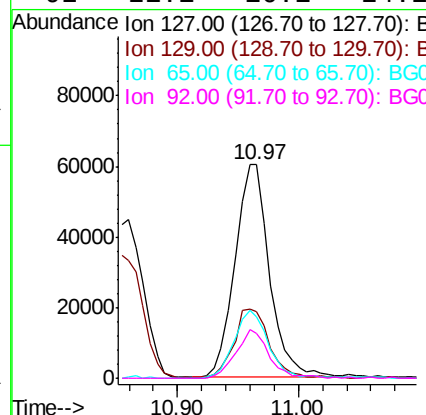
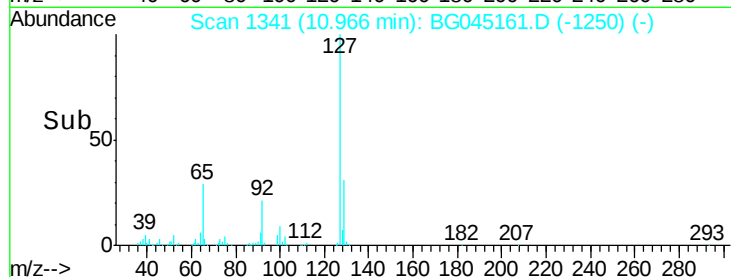
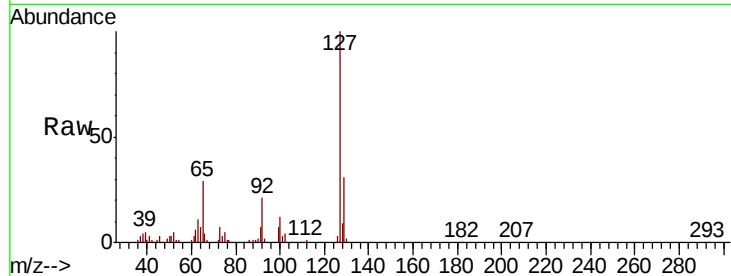
#33
4-Chloroaniline
Concen: 18.376 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	120195		
129	31.3	25.7	38.5	
65	28.9	25.4	38.2	
92	21.1	16.1	24.1	

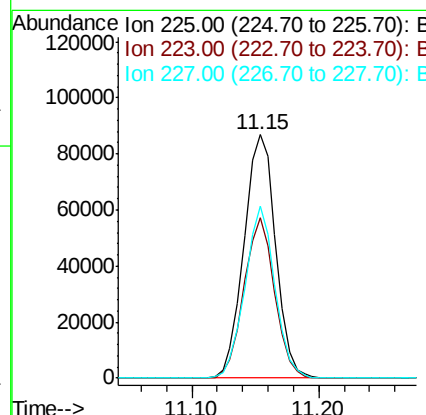
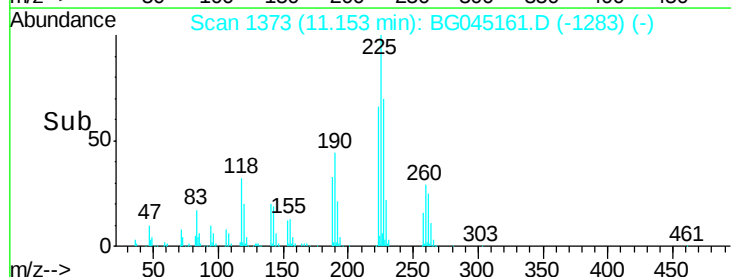
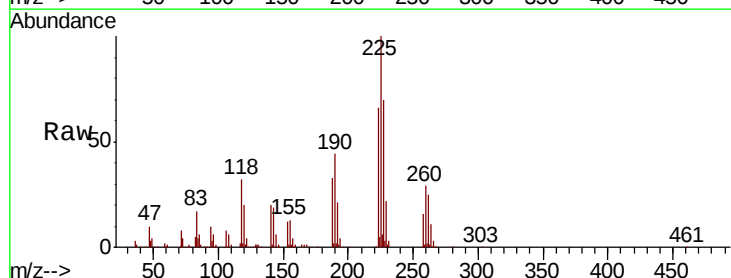
Manual Integrations
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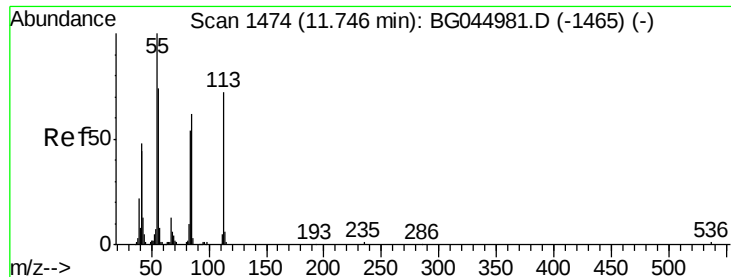
mohammad
4/27/2020 3:05:41 PM



#34
Hexachlorobutadiene
Concen: 42.568 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150200		
223	65.7	50.7	76.1	
227	70.4	50.2	75.2	





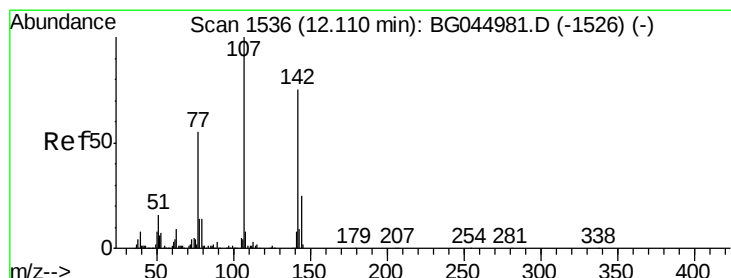
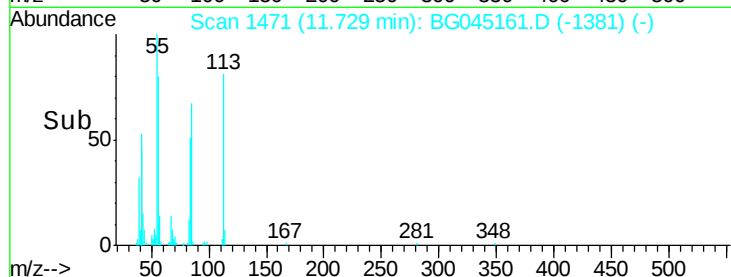
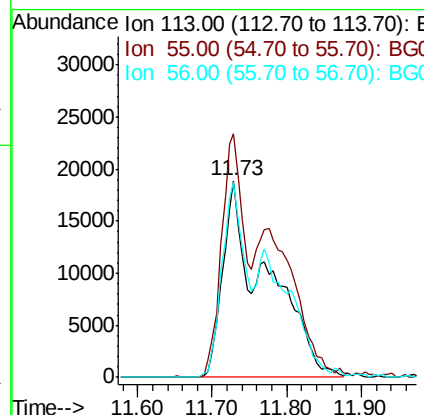
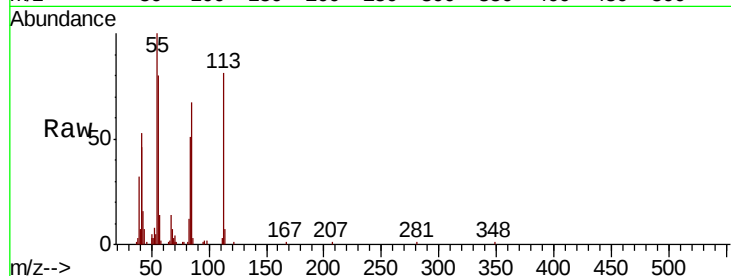
#35
 Caprolactam
 Concen: 42.774 ng/ml
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	124.1	118.8	158.8	
56	99.3	82.6	122.6	

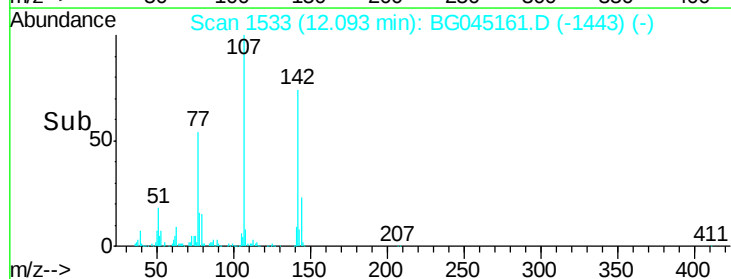
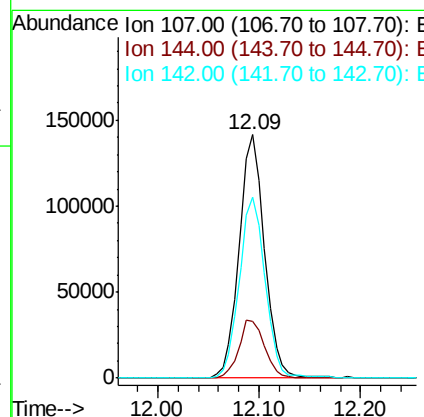
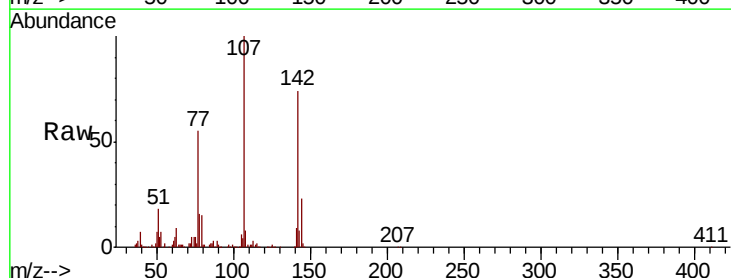
Manual Integrations
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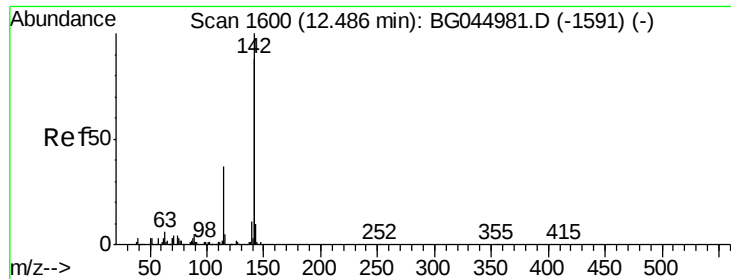
mohammad
 4/27/2020 3:05:41 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.212 ng/ml
 RT: 12.09 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.5	19.8	29.6	
142	74.4	59.7	89.5	





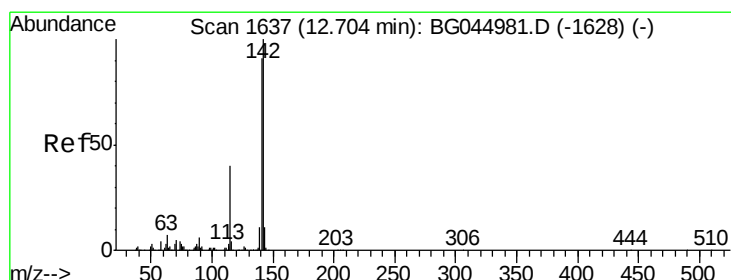
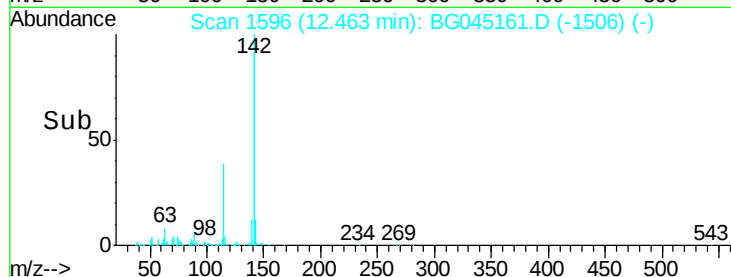
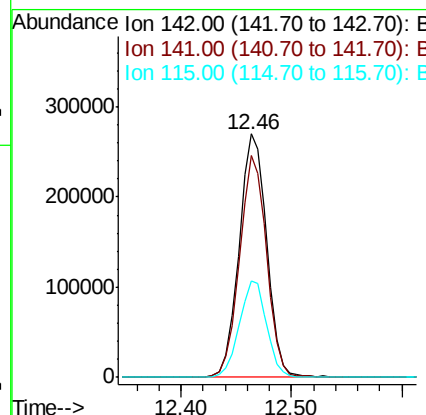
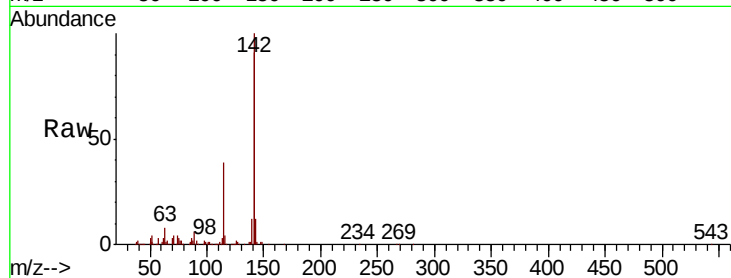
#37
2-Methylnaphthalene
Concen: 43.374 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.3	105.5
115	39.4	29.8	44.6

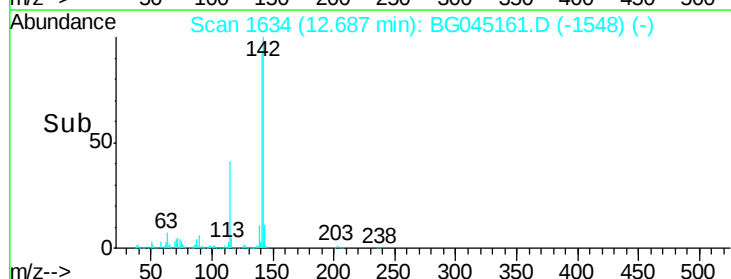
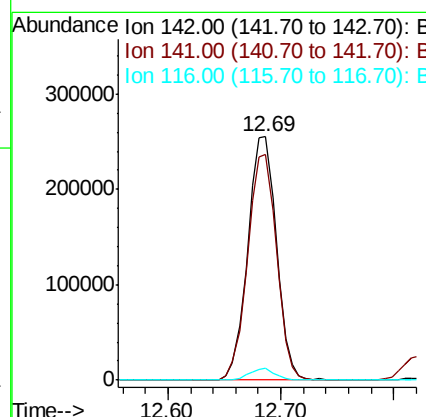
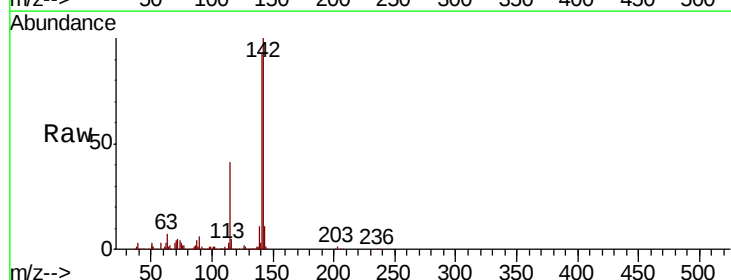
Manual Integrations
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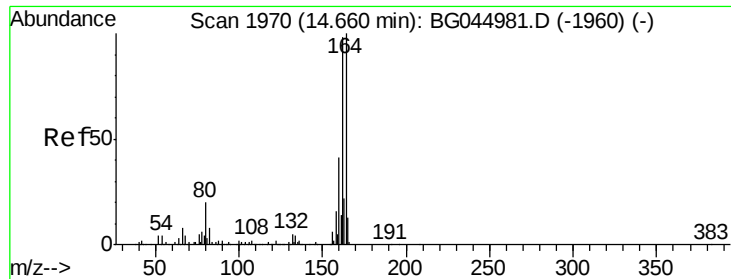
mohammad
4/27/2020 3:05:41 PM



#38
1-Methylnaphthalene
Concen: 43.761 ng m
RT: 12.69 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.7	109.1
116	4.8	3.1	4.7#





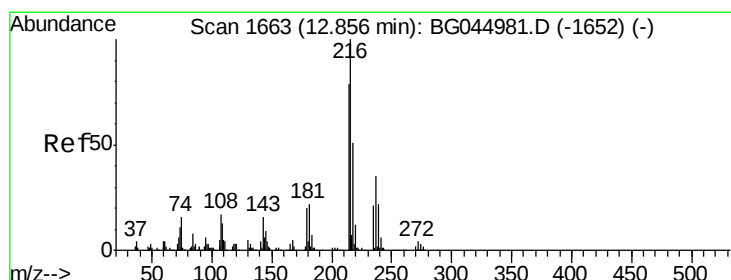
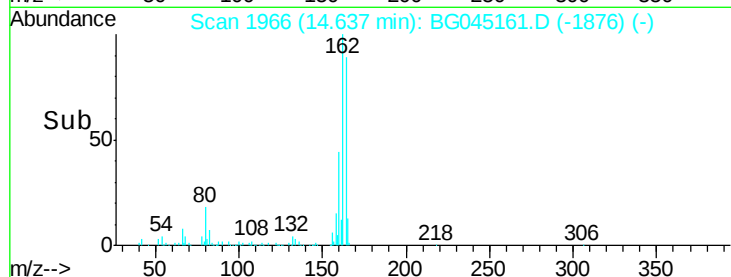
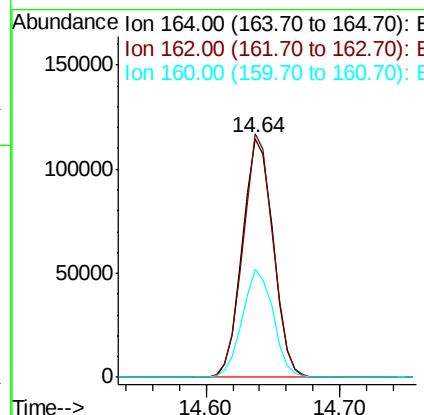
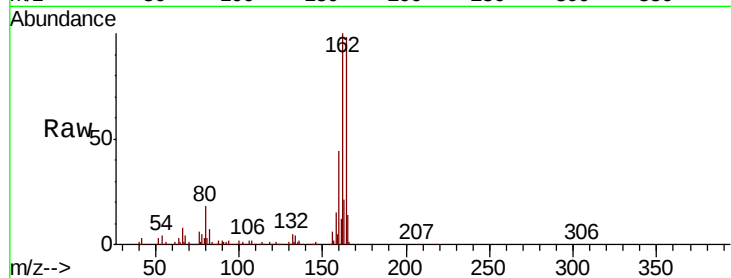
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.7	118.1
160	45.0	32.8	49.2

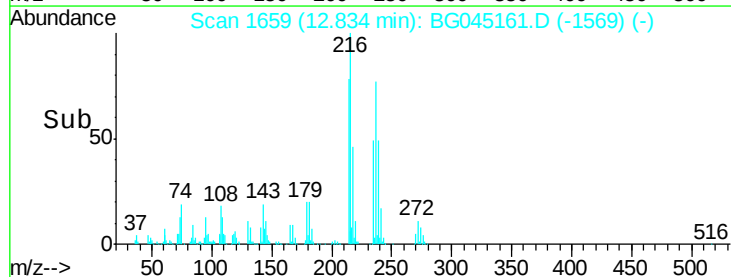
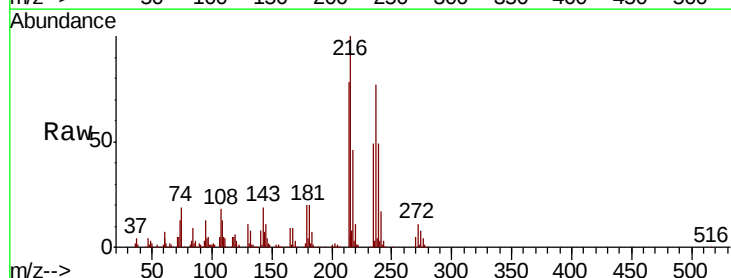
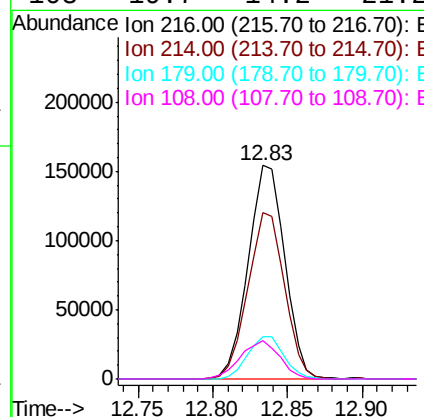
Manual Integrations
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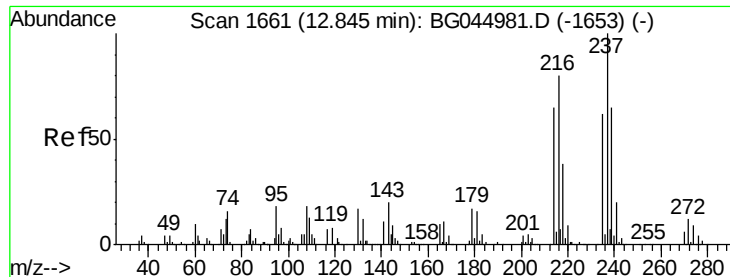
mohammad
4/27/2020 3:05:41 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.323 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.6
179	19.8	15.8	23.8
108	19.7	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 104.113 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

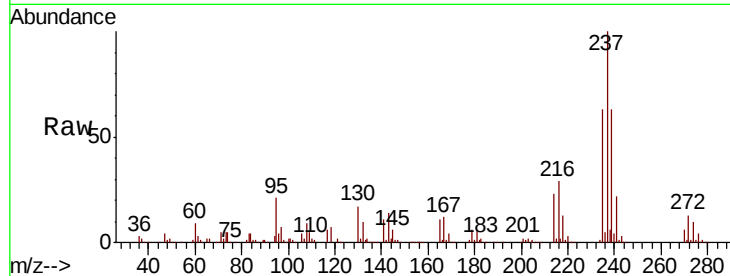
ClientSampleId :

PB128245BS

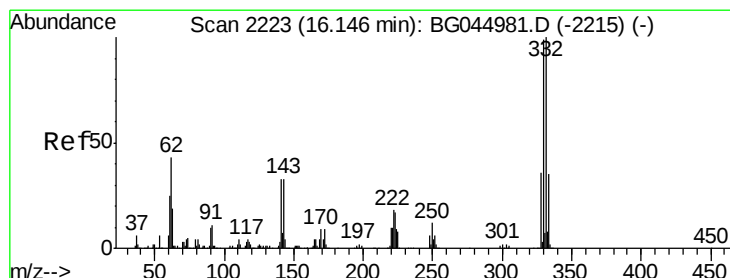
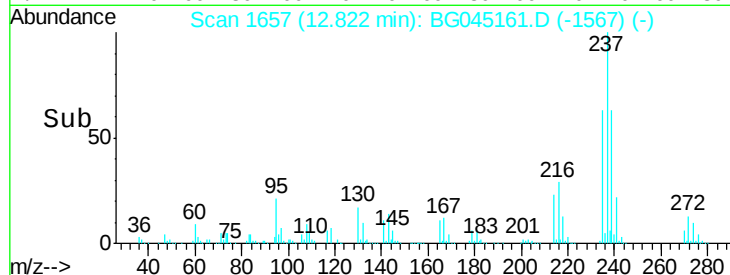
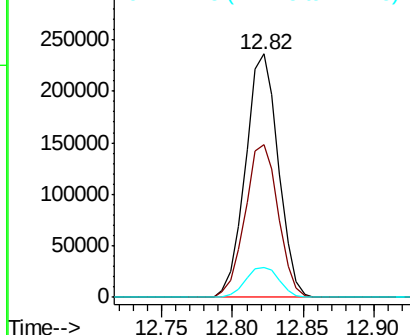
Tot Ion:	237	Resp:	383792
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.6	81.6
272	12.5	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 131.998 ng

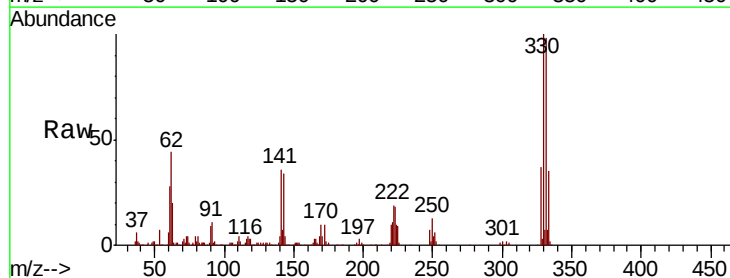
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

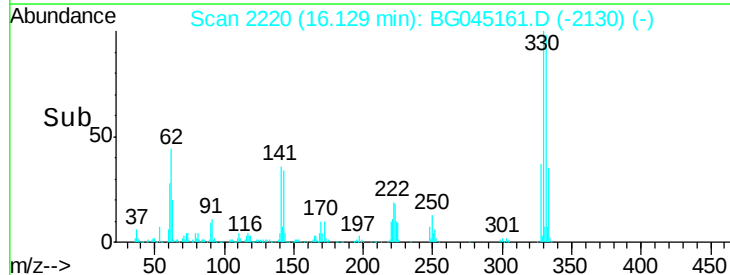
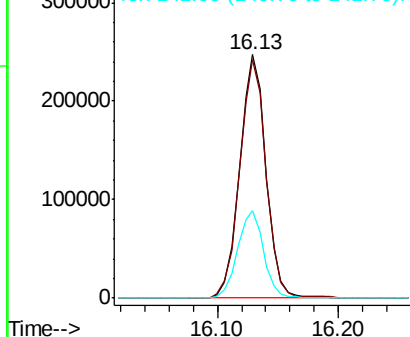
Lab File: BG045161.D

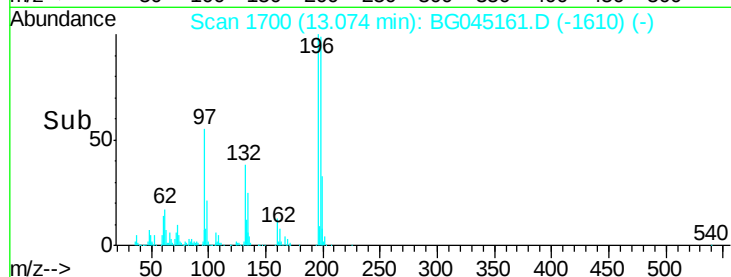
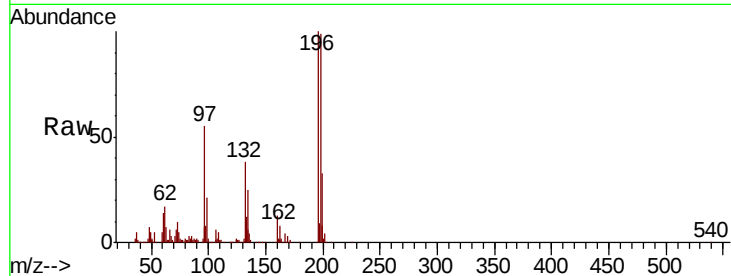
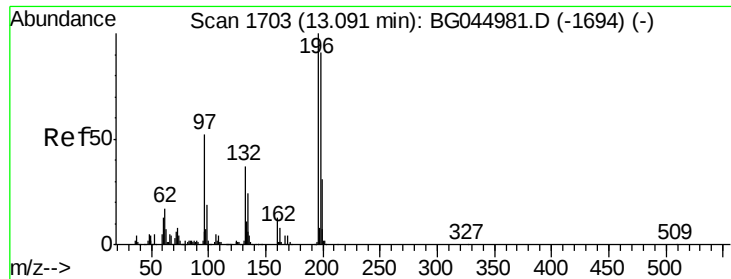
Acq: 24 Apr 2020 15:02

Tgt Ion:	330	Resp:	373540
Ion Ratio	Lower	Upper	
330	100		
332	98.7	79.1	118.7
141	36.0	27.1	40.7



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





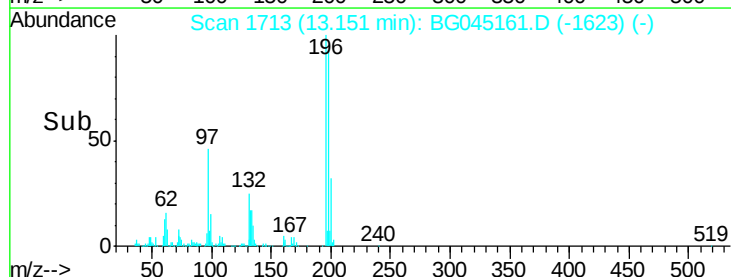
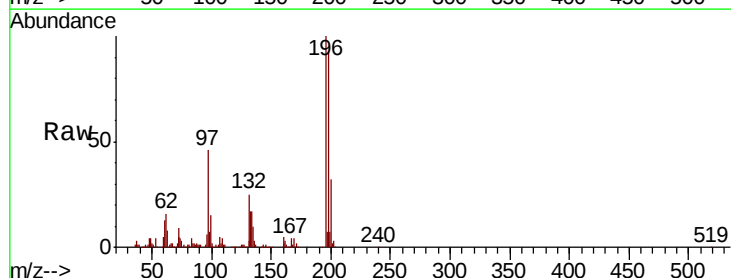
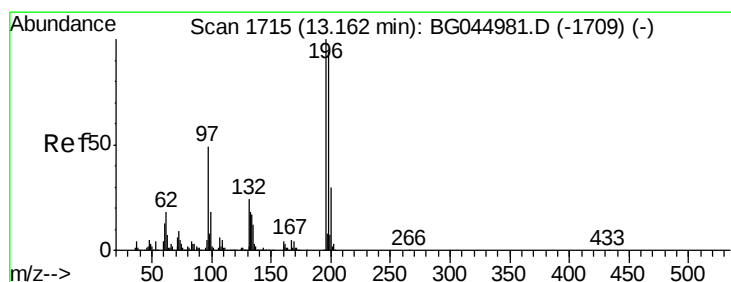
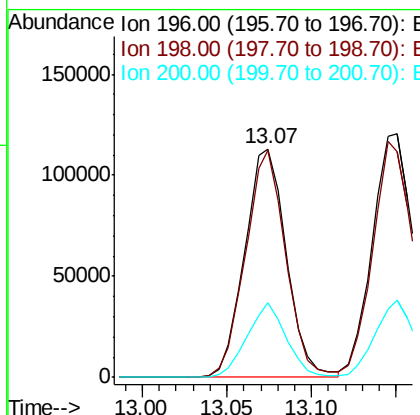
#43
2,4,6-Trichlorophenol
Concen: 46.673 ng
RT: 13.07 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194279		
198	99.1	72.5	108.7	
200	32.5	24.5	36.7	

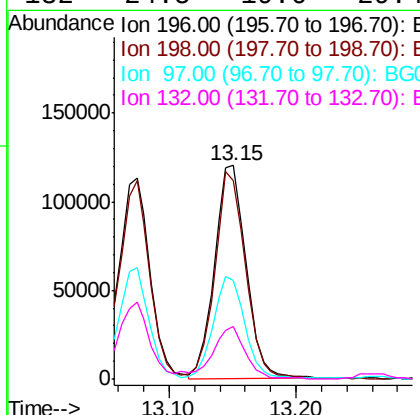
Manual Integrations
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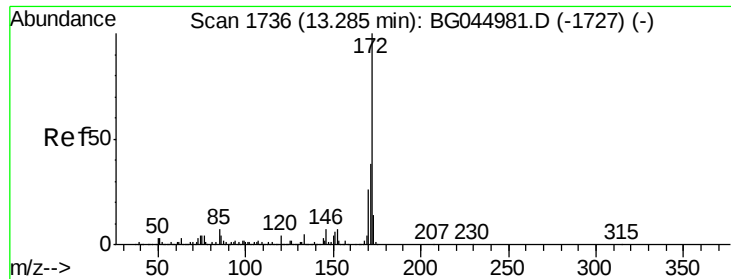
mohammad
4/27/2020 3:05:41 PM



#44
2,4,5-Trichlorophenol
Concen: 43.997 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208462		
198	92.9	75.7	113.5	
97	46.2	39.6	59.4	
132	24.5	19.6	29.4	





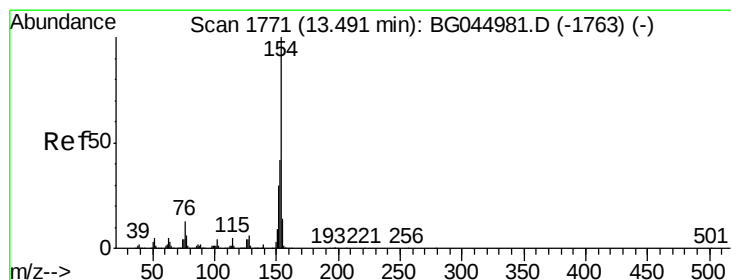
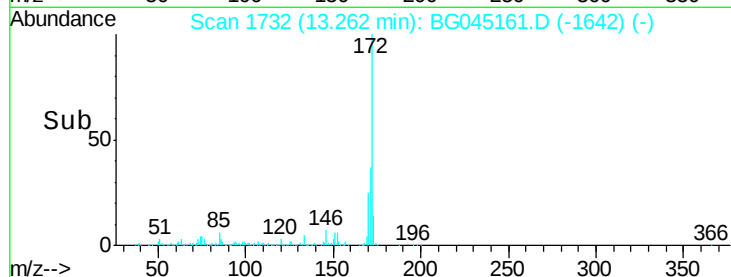
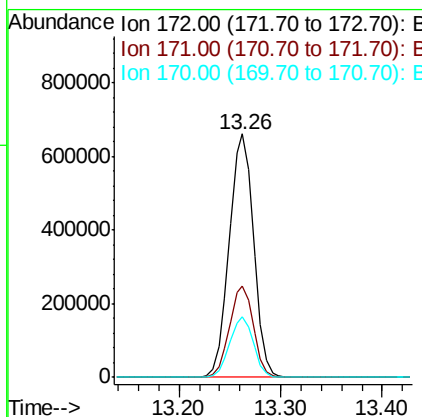
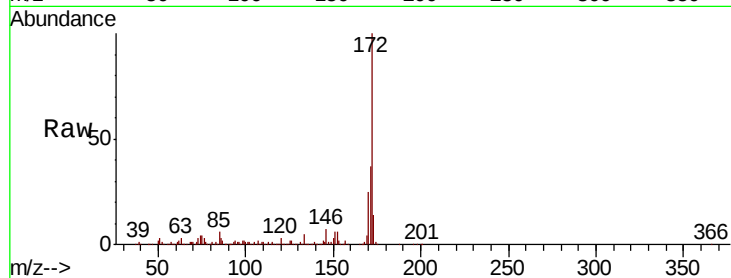
#45
2-Fluorobiphenyl
Concen: 88.045 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.6	20.5	30.7

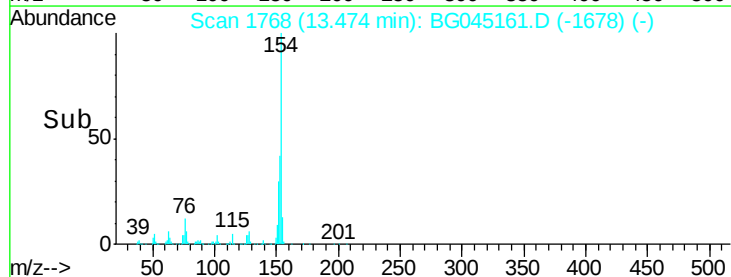
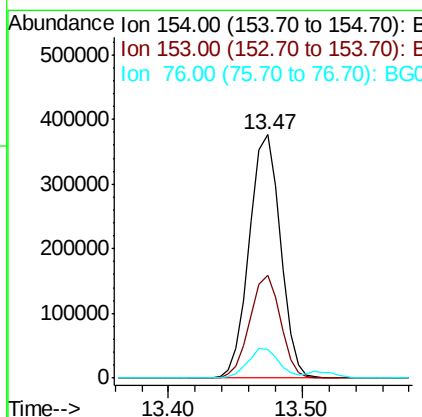
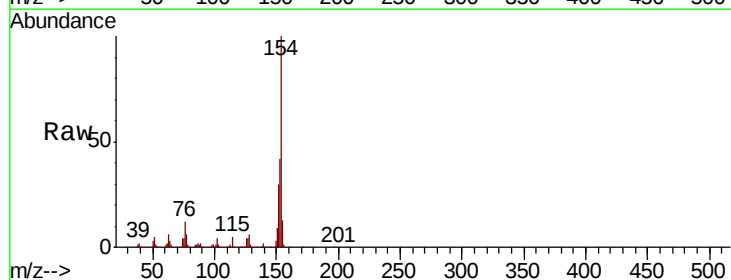
Manual Integrations
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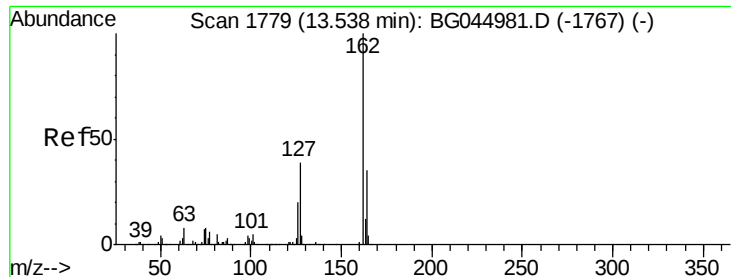
mohammad
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#46
1,1'-Biphenyl
Concen: 43.442 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.9	61.9
76	12.0	0.0	33.1





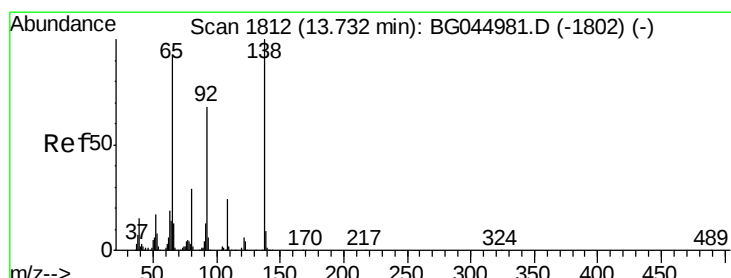
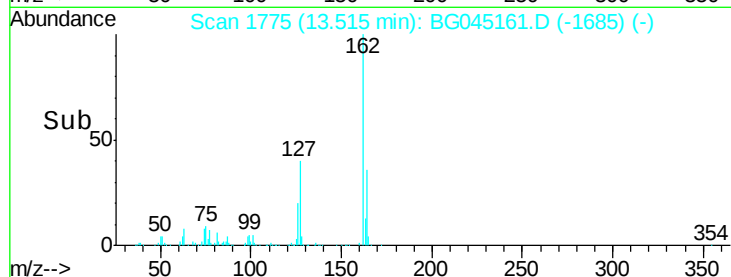
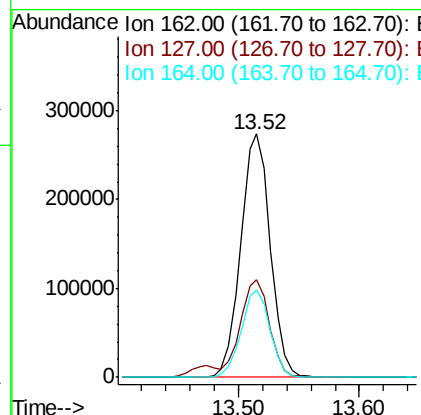
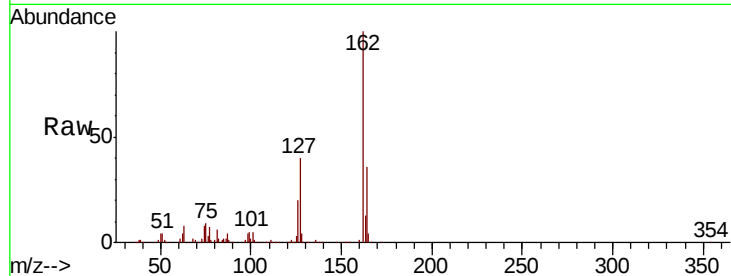
#47
 2-Chloronaphthalene
 Concen: 43.859 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466594		
127	40.1		31.3	46.9
164	35.8		27.8	41.8

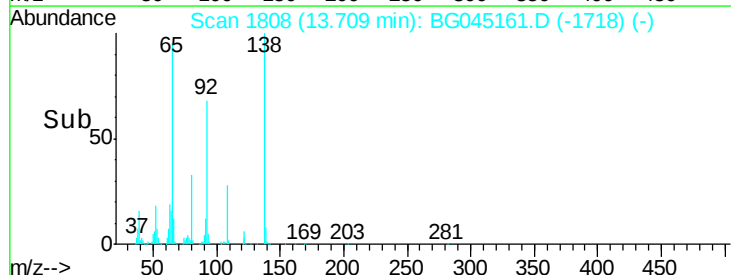
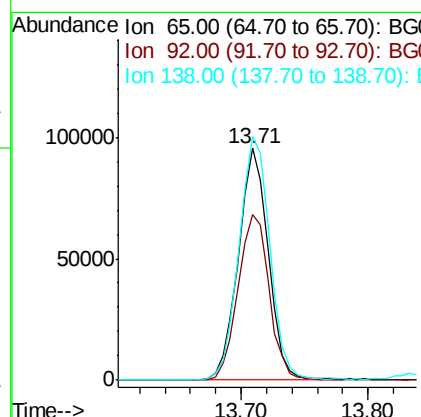
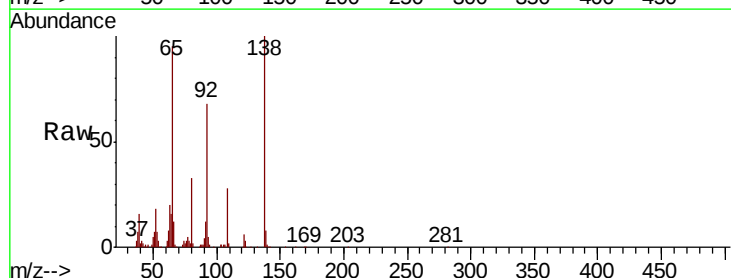
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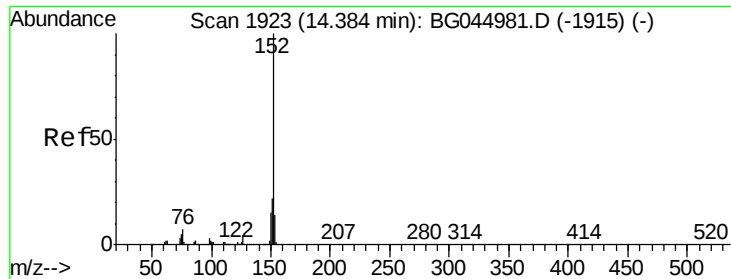
mohammad
 4/27/2020 3:05:41 PM



#48
 2-Nitroaniline
 Concen: 44.545 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155921		
92	71.4		58.3	87.5
138	105.0		85.6	128.4





#49

Acenaphthylene

Concen: 44.580 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

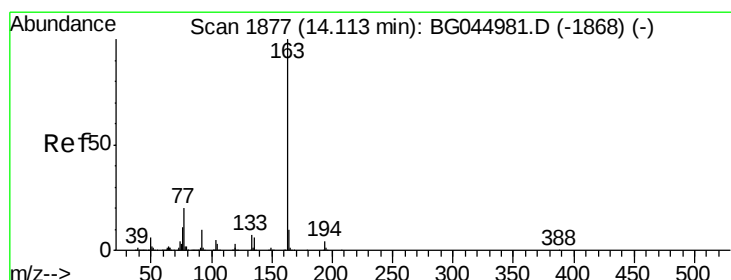
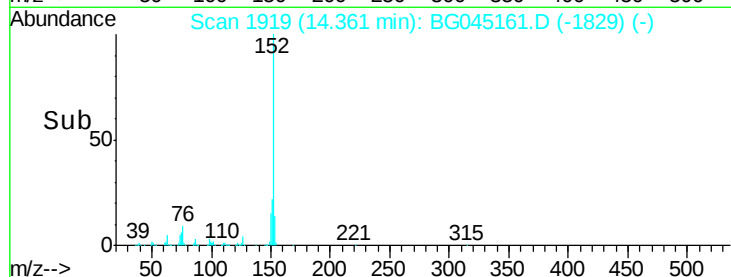
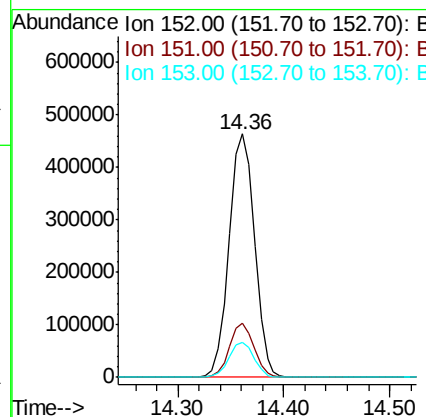
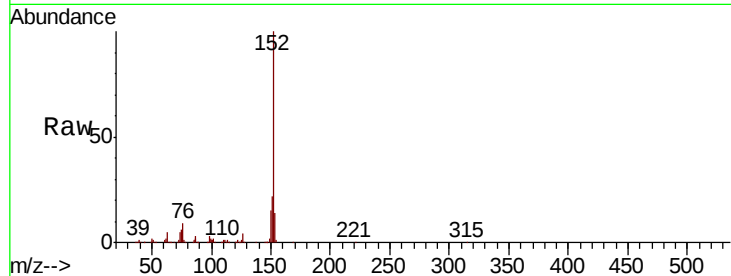
ClientSampleId :

PB128245BS

Tot Ion:	152	Resp:	772517
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	14.1	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.319 ng

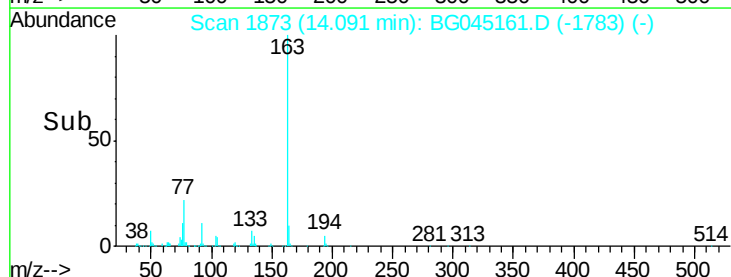
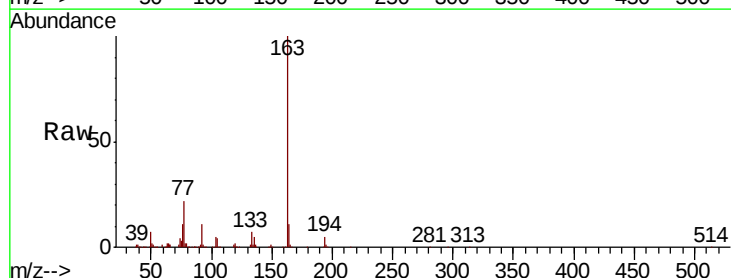
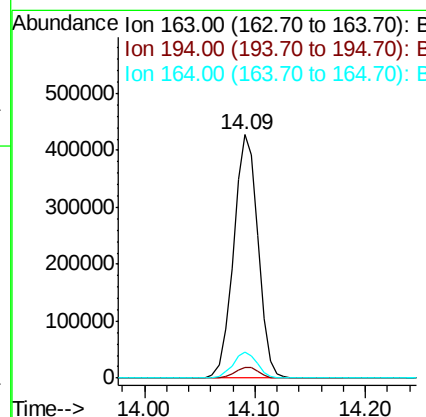
RT: 14.09 min Scan# 1873

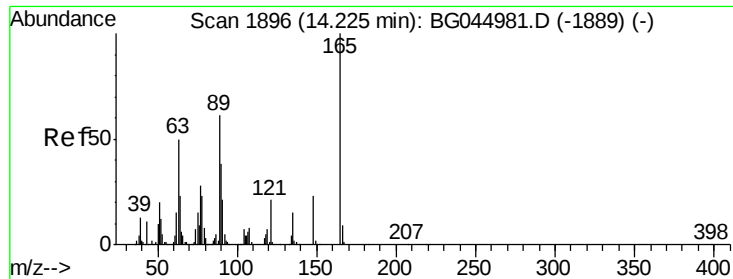
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	163	Resp:	661032
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.5	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 45.711 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

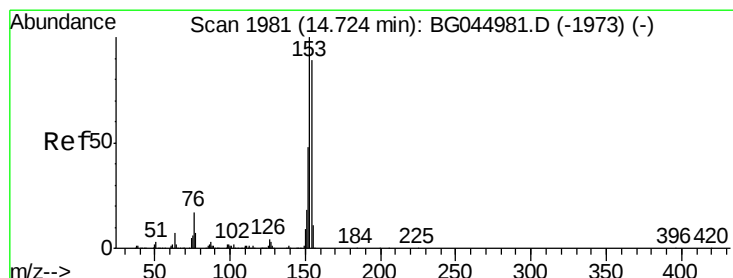
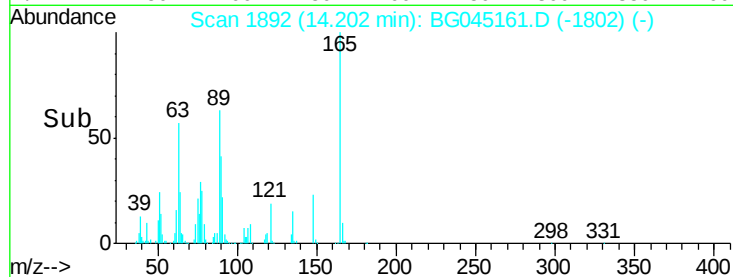
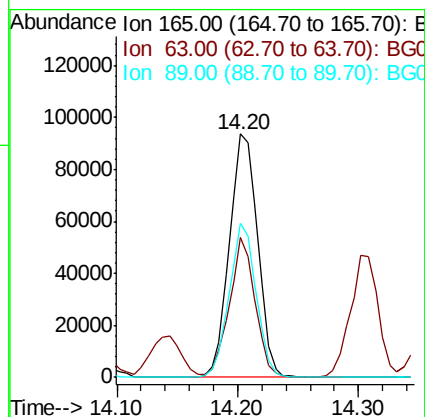
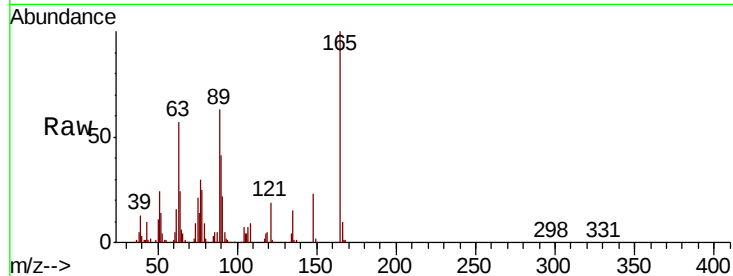
ClientSampleId :

PB128245BS

Tot Ion:	165	Resp:	152498
Ion Ratio	Lower	Upper	
165	100		
63	57.5	40.4	60.6
89	63.5	49.1	73.7

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#52

Acenaphthene

Concen: 51.252 ng m

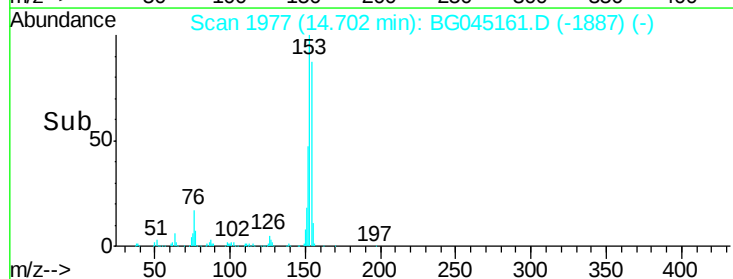
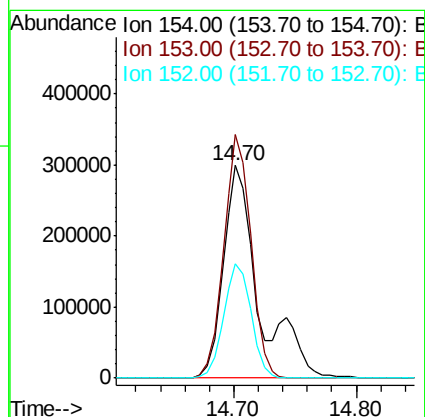
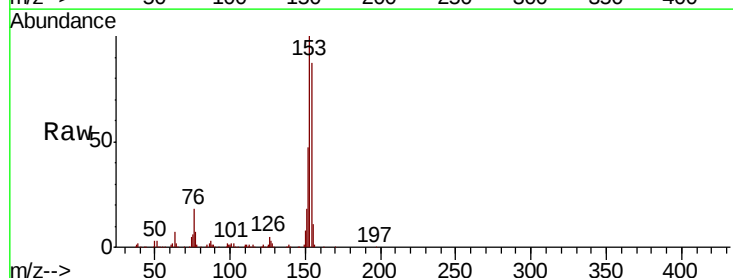
RT: 14.70 min Scan# 1977

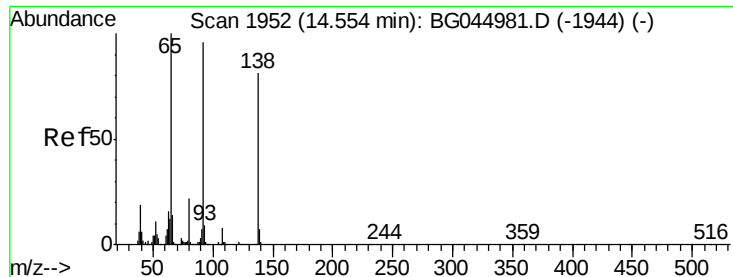
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	154	Resp:	600908
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.7	134.5
152	53.9	43.1	64.7





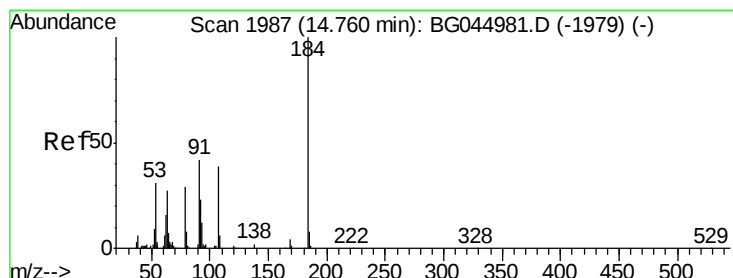
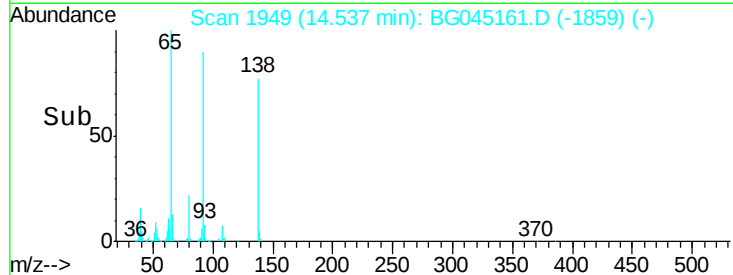
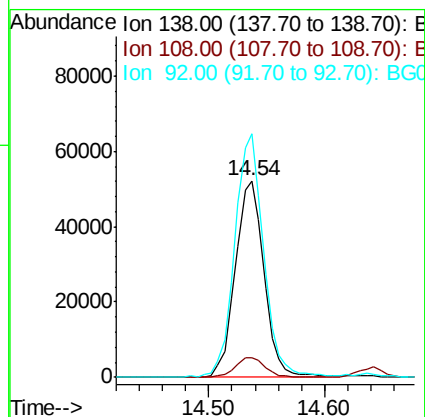
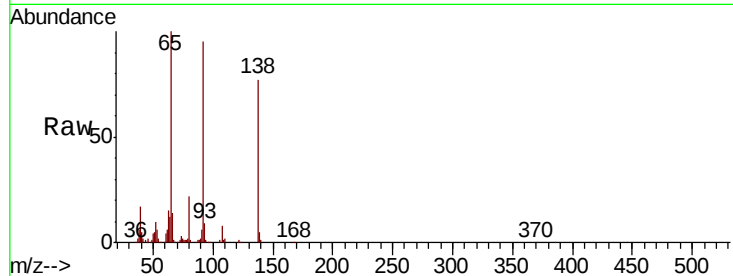
#53
3-Nitroaniline
Concen: 24.668 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	123.7	94.5	141.7

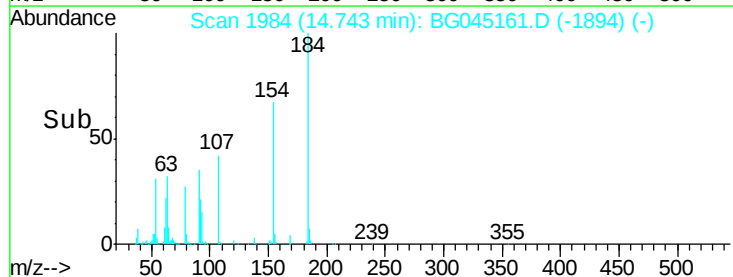
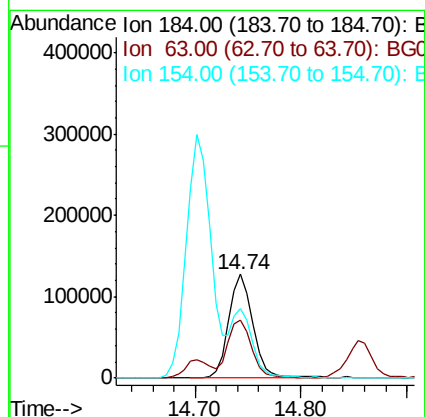
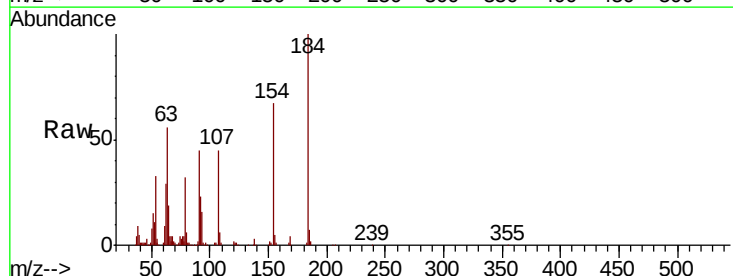
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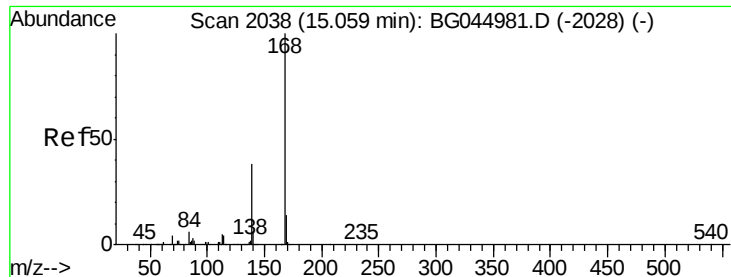
mohammad
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#54
2,4-Dinitrophenol
Concen: 102.907 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	41.5	62.3
154	66.5	52.3	78.5





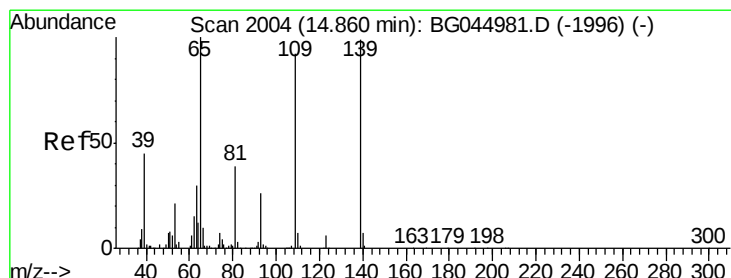
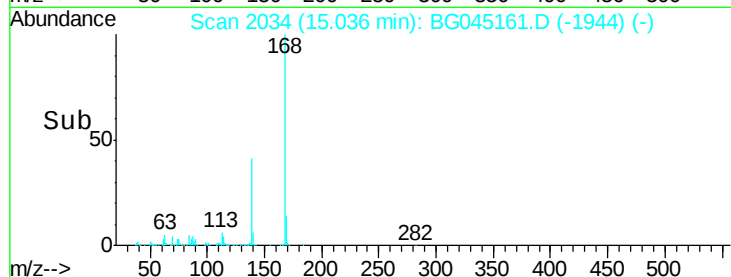
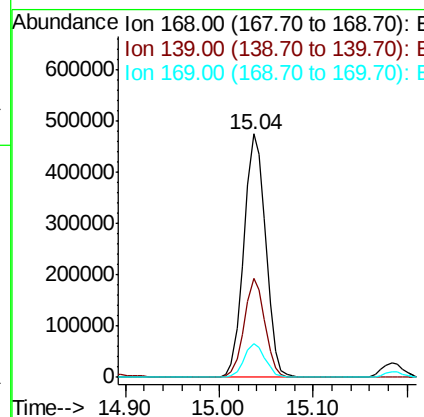
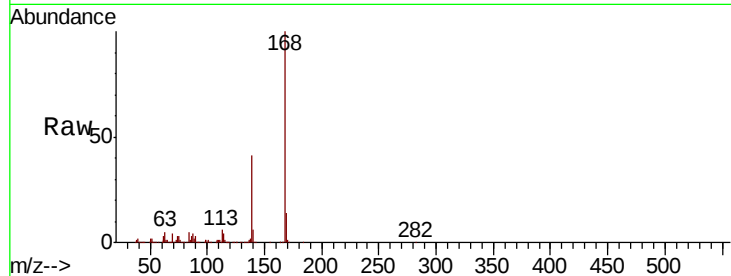
#55
Dibenzenofuran
Concen: 44.636 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:168	Resp:	762979
Ion Ratio	Lower	Upper
168	100	
139	40.6	30.4 45.6
169	13.7	11.0 16.4

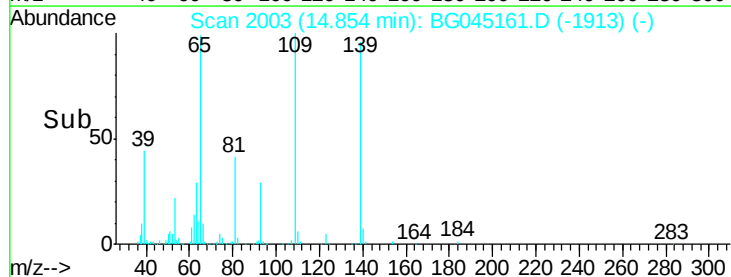
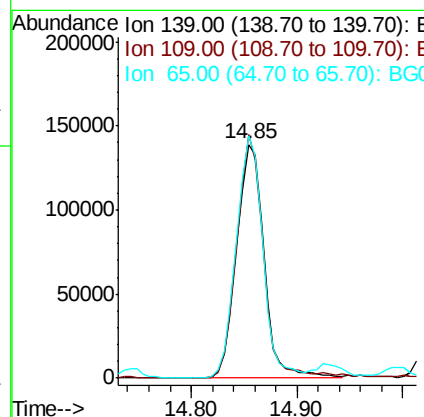
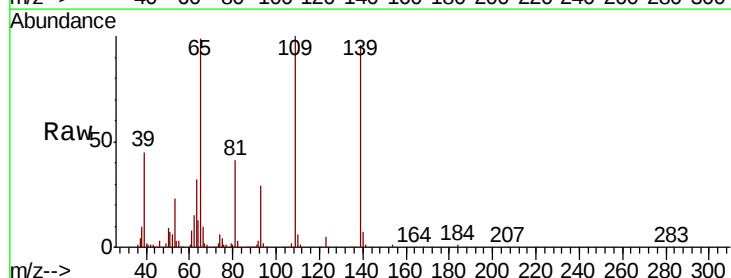
Manual Integrations
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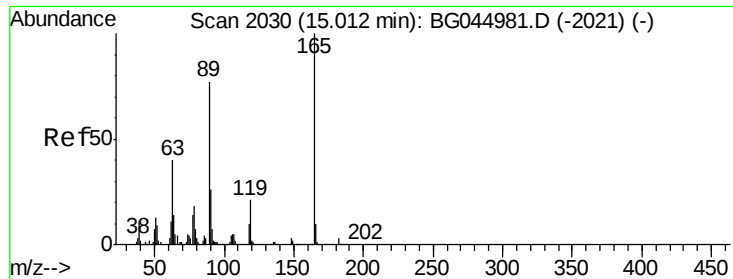
mohammad
4/27/2020 3:05:41 PM



#56
4-Nitrophenol
Concen: 88.250 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:139	Resp:	250367
Ion Ratio	Lower	Upper
139	100	
109	104.3	73.6 113.6
65	103.8	81.2 121.2





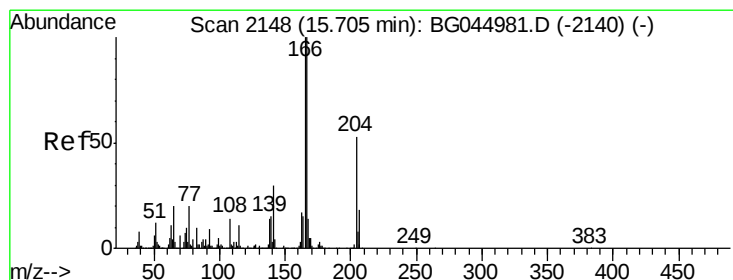
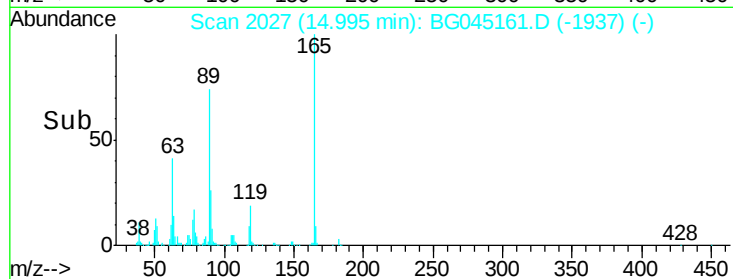
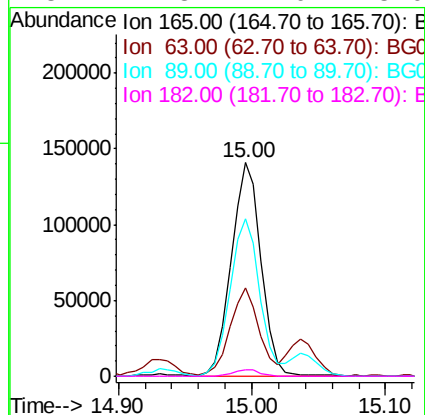
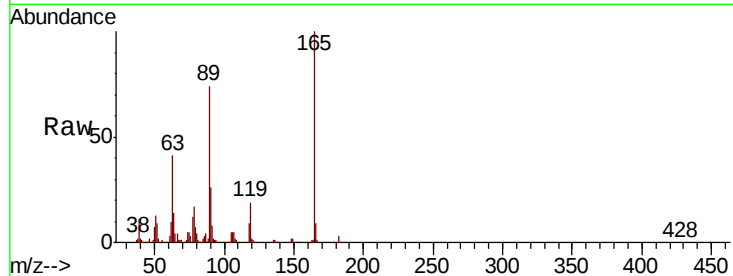
#57
2,4-Dinitrotoluene
Concen: 44.672 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	32.2	48.2
89	73.9	61.7	92.5
182	2.8	2.0	3.0

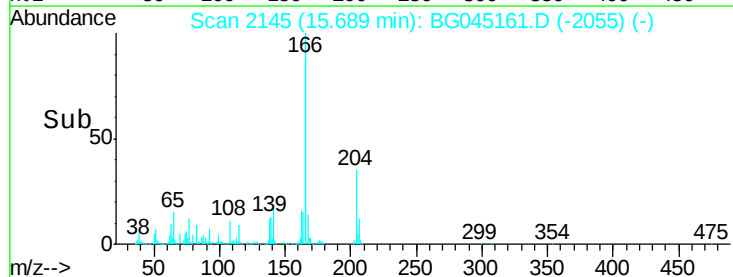
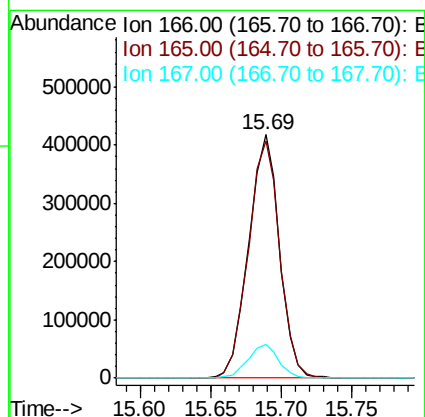
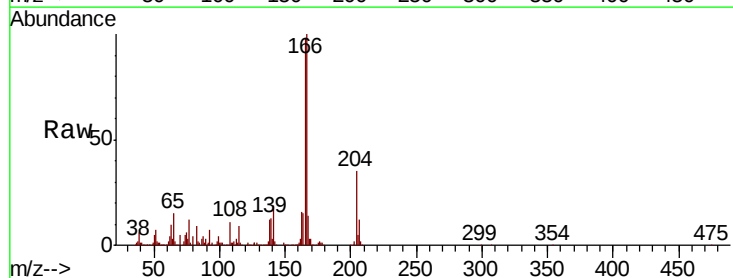
Manual Integrations
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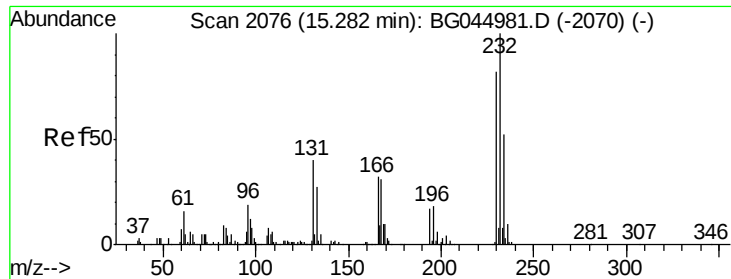
mohammad
4/27/2020 3:05:41 PM



#58
Fluorene
Concen: 45.765 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.9	119.9
167	14.0	11.4	17.0





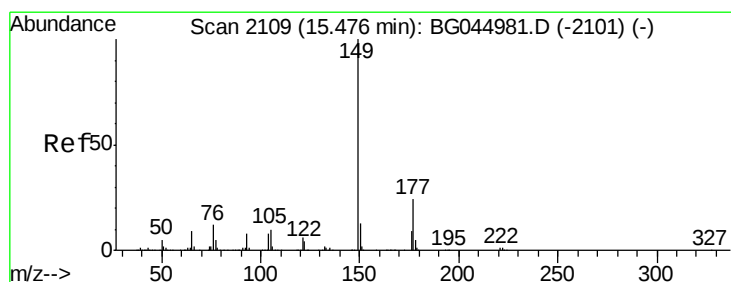
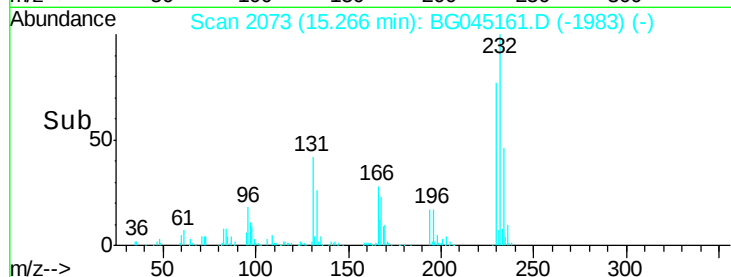
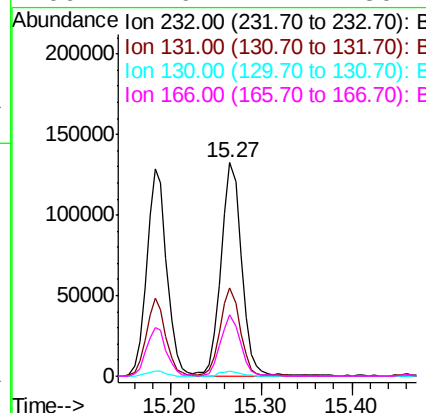
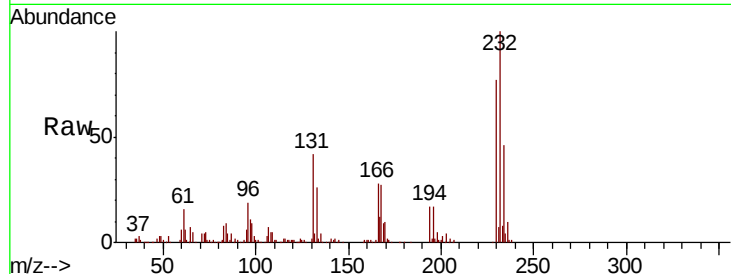
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.330 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	207968		
131	39.5		32.2	48.2
130	2.4		2.2	3.2
166	27.9		24.2	36.4

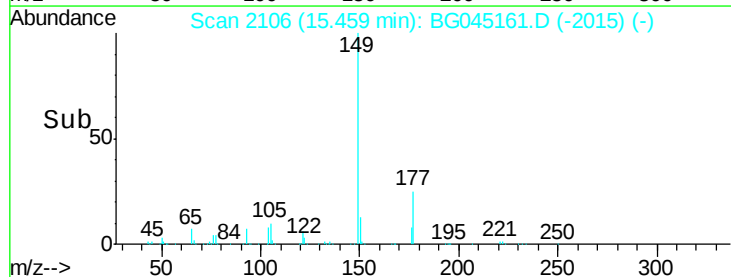
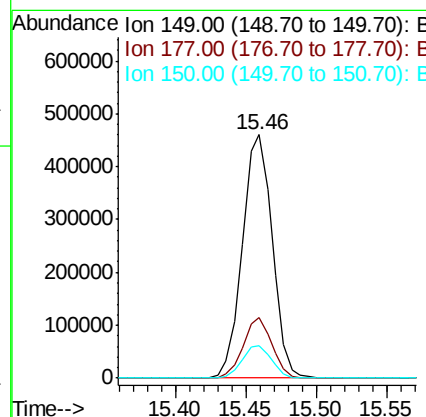
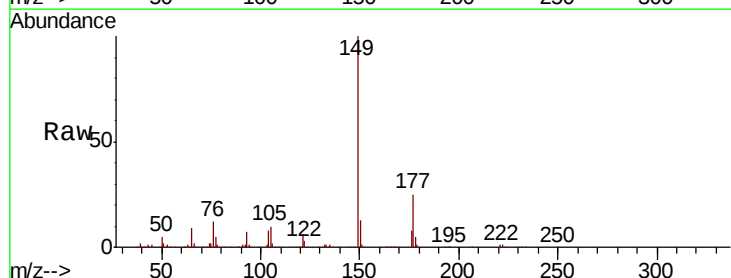
Manual Integrations
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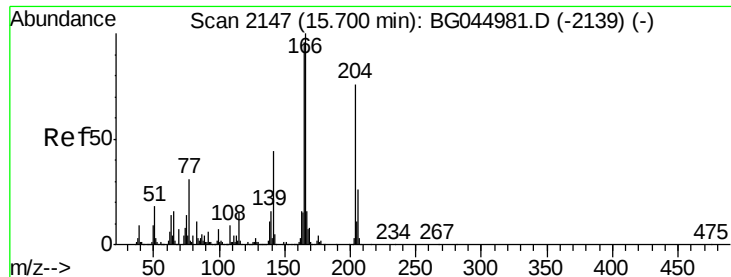
mohammad
 4/27/2020 3:05:41 PM



#60
 Diethylphthalate
 Concen: 43.816 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	681364		
177	24.7		18.9	28.3
150	13.1		10.6	15.8





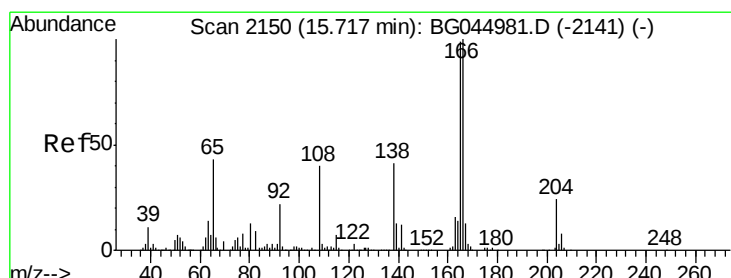
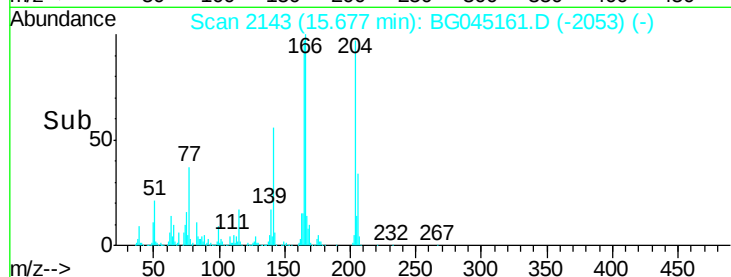
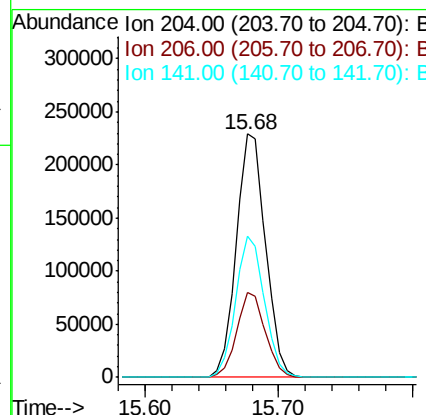
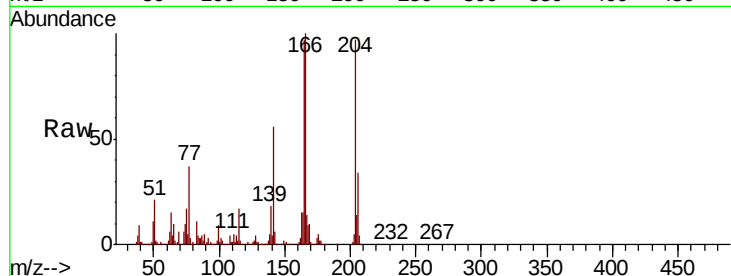
#61
 4-Chlorophenyl-phenylether
 Concen: 43.446 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.9	26.9	40.3	
141	58.0	46.3	69.5	

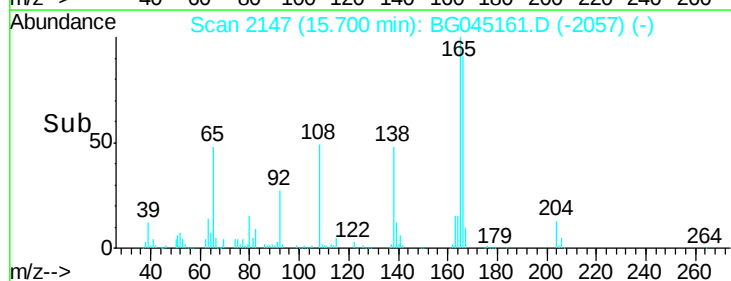
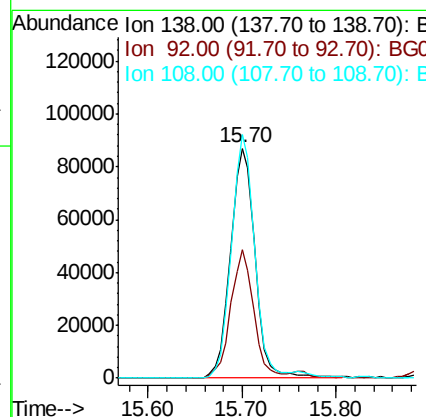
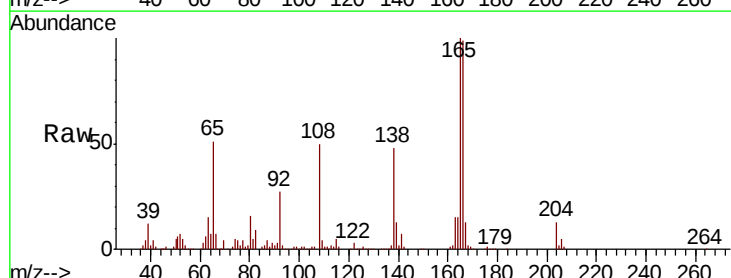
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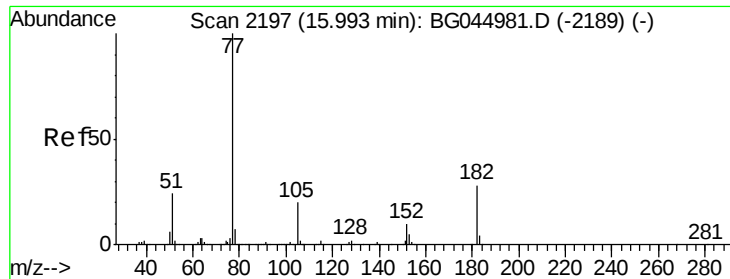
mohammad
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#62
 4-Nitroaniline
 Concen: 41.854 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.1	33.6	73.6	
108	106.0	78.2	118.2	





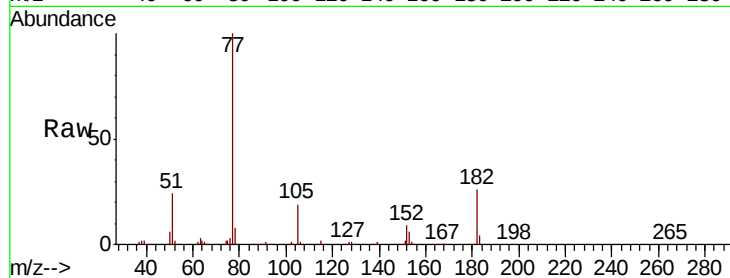
#63
Azobenzene
Concen: 44.782 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

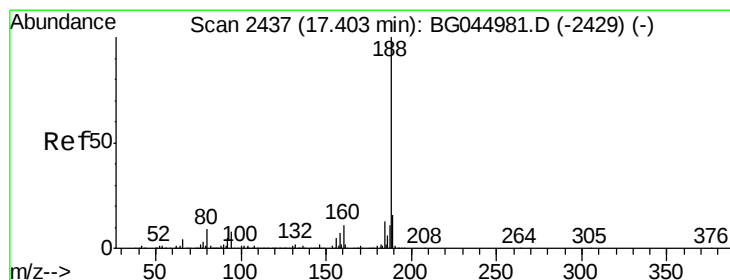
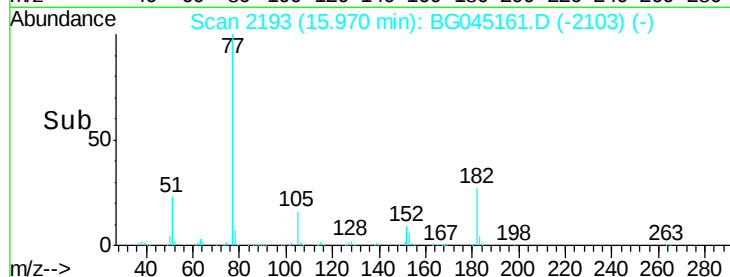
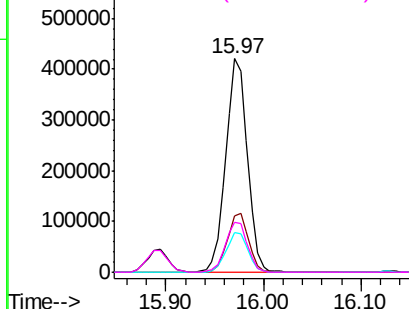
Tot Ion	77	Resp	642044
Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.4	48.4
105	18.5	0.5	40.5
51	23.5	4.4	44.4

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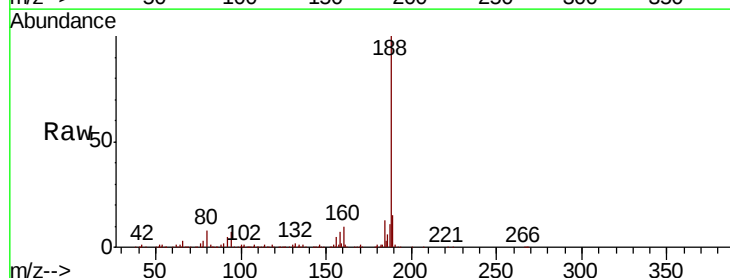


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

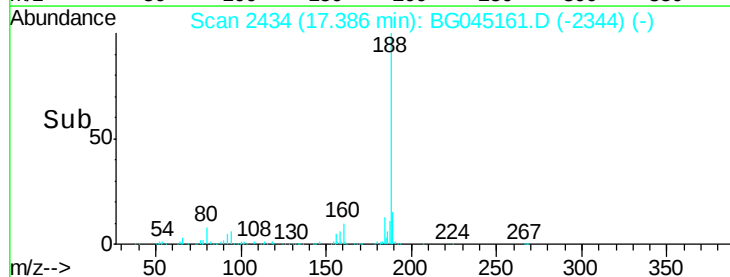
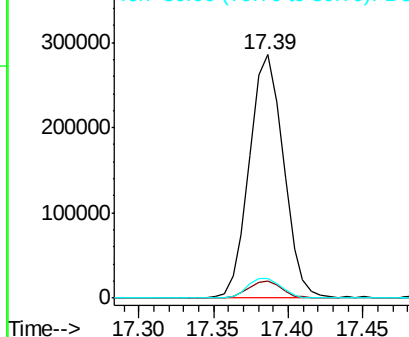


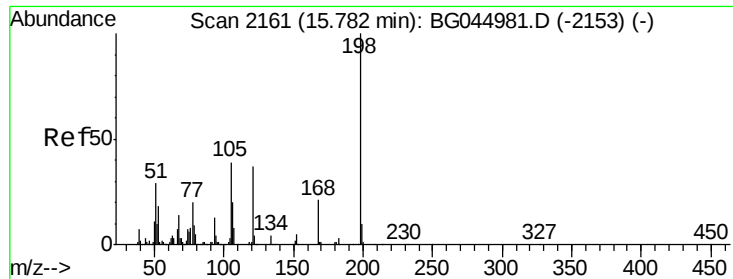
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	188	Resp	452690
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	7.8	7.0	10.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





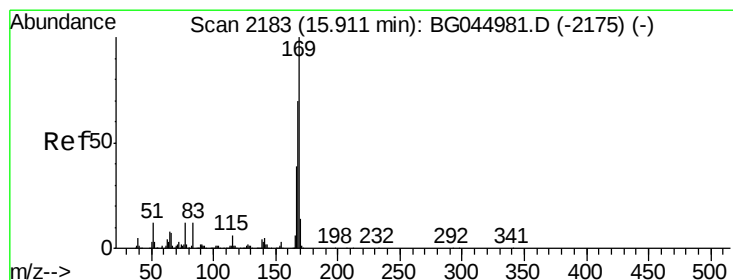
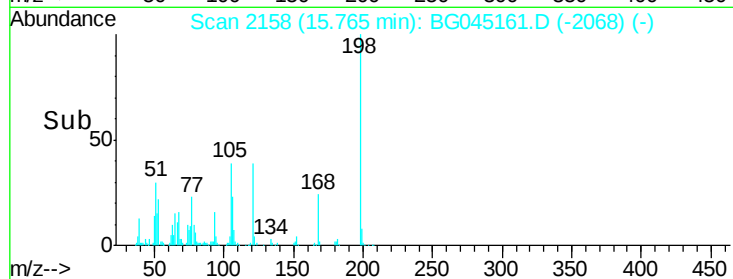
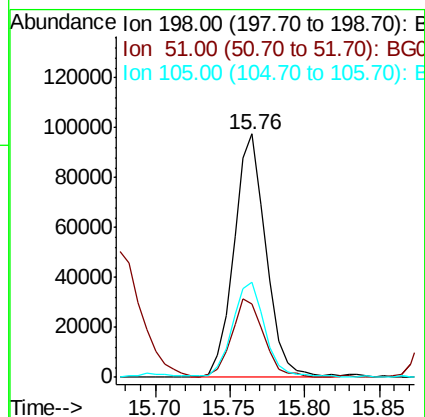
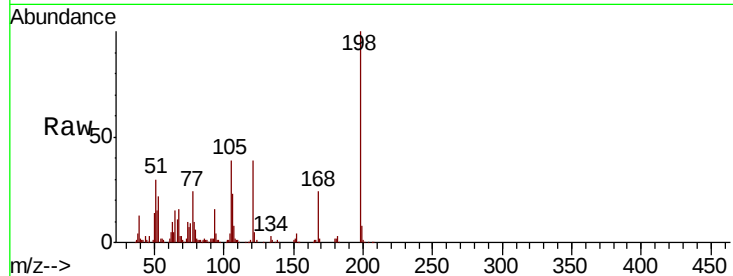
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.077 ng
 RT: 15.76 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	146031		
51	30.0		10.0	50.0
105	39.2		18.9	58.9

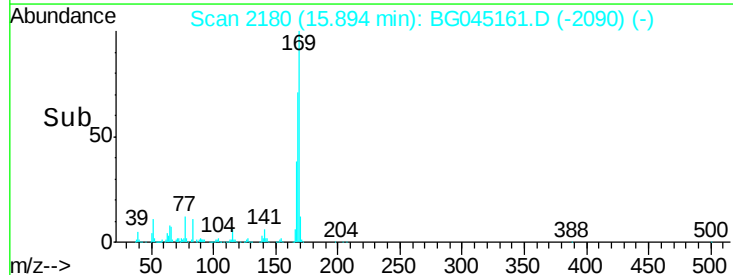
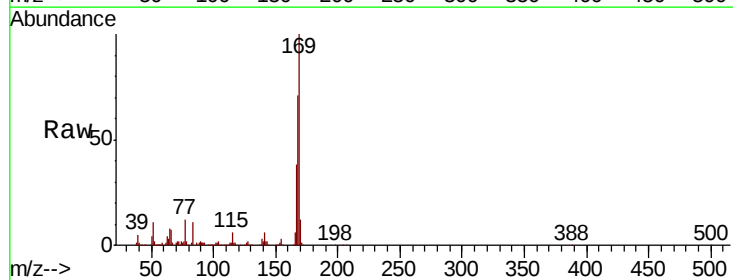
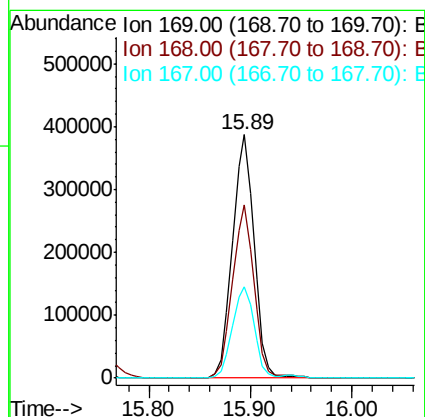
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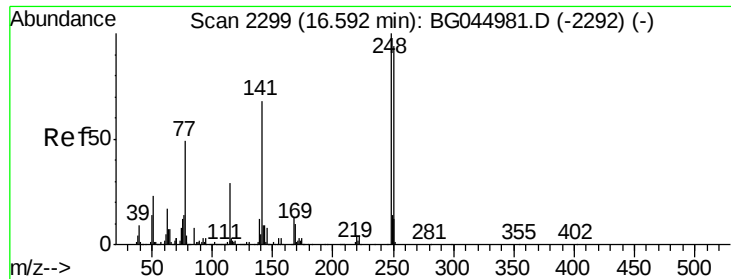
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 44.286 ng
 RT: 15.89 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	576011		
168	70.9		55.8	83.8
167	37.7		30.8	46.2





#67

4-Bromophenyl-phenylether

Concen: 42.164 ng

RT: 16.58 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

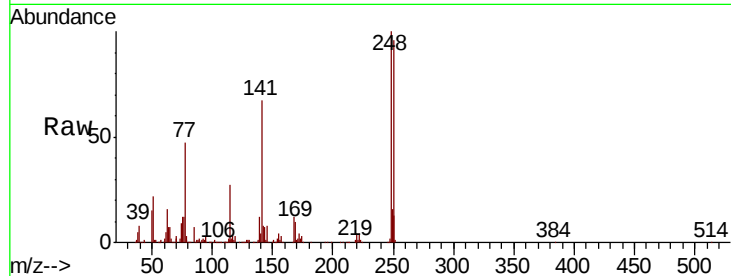
ClientSampleId :

PB128245BS

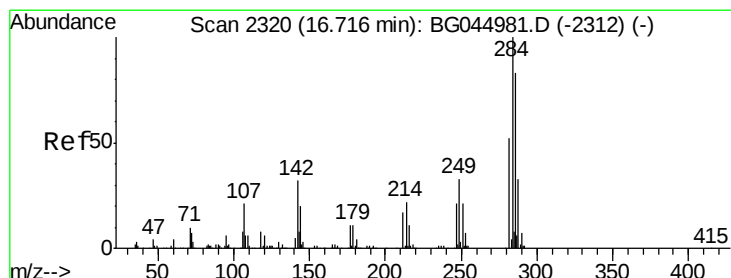
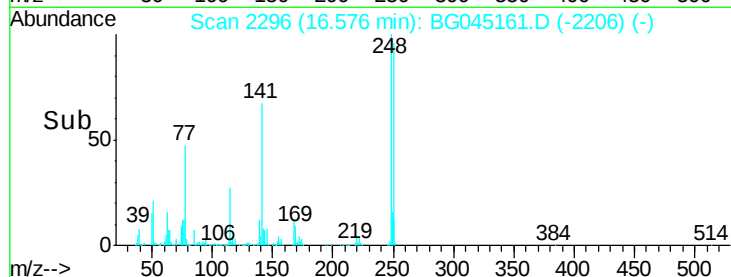
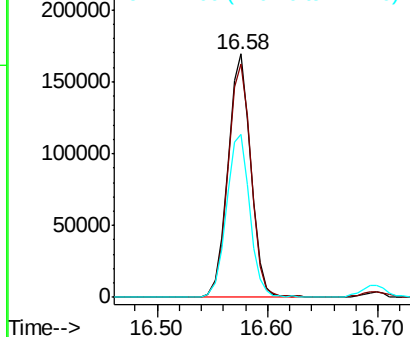
Tot Ion:	248	Resp:	246242
Ion Ratio	Lower	Upper	
248	100		
250	95.8	75.4	113.2
141	66.8	54.4	81.6

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.081 ng

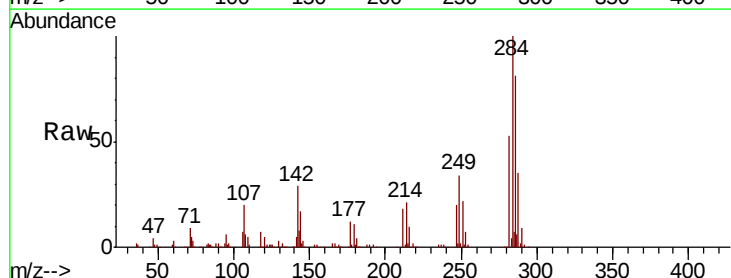
RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

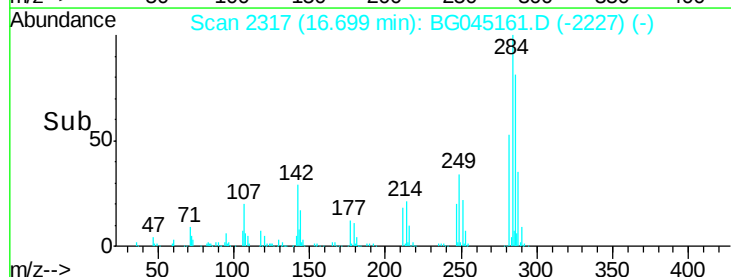
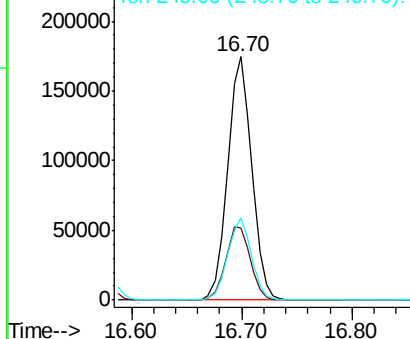
Lab File: BG045161.D

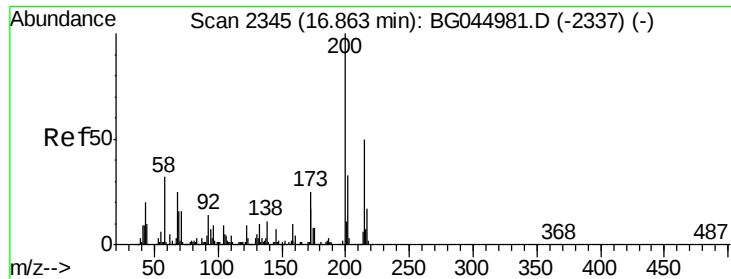
Acq: 24 Apr 2020 15:02

Tgt Ion:	284	Resp:	266992
Ion Ratio	Lower	Upper	
284	100		
142	29.5	25.8	38.6
249	34.0	26.6	39.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





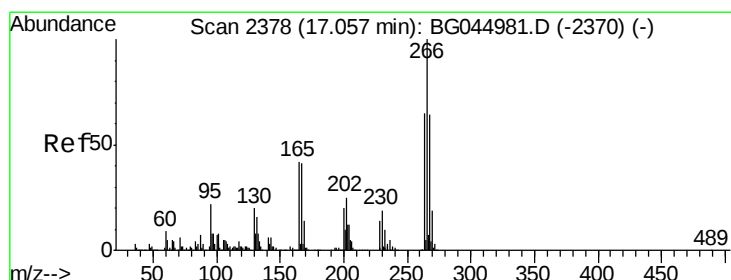
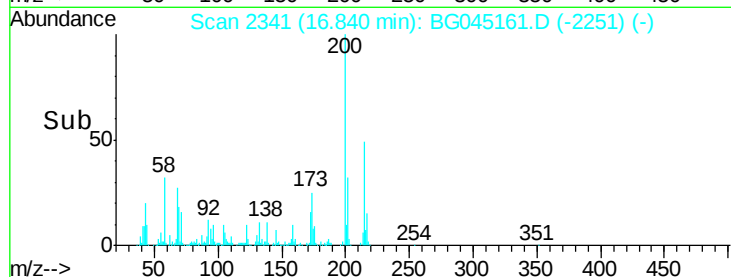
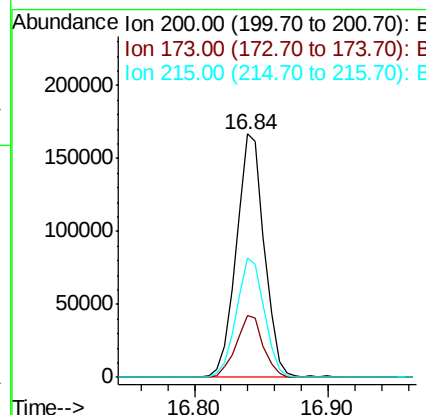
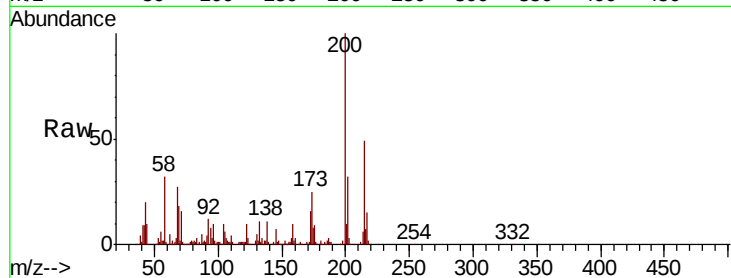
#69
Atrazine
Concen: 52.084 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.5	44.5
215	48.9	30.0	70.0

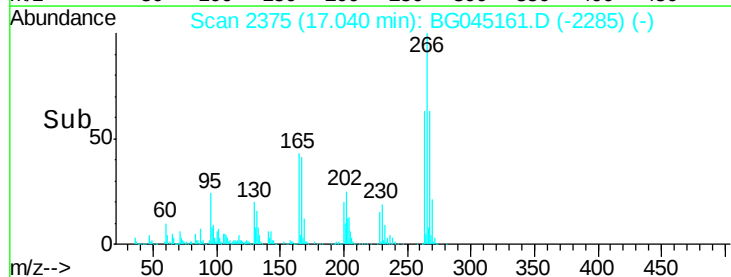
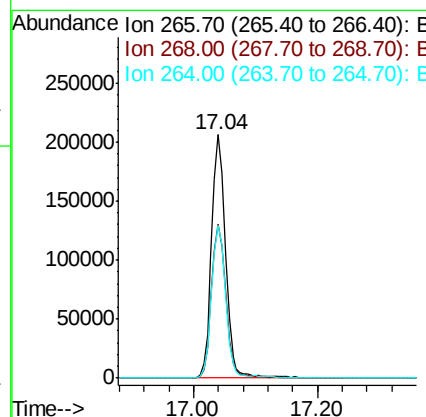
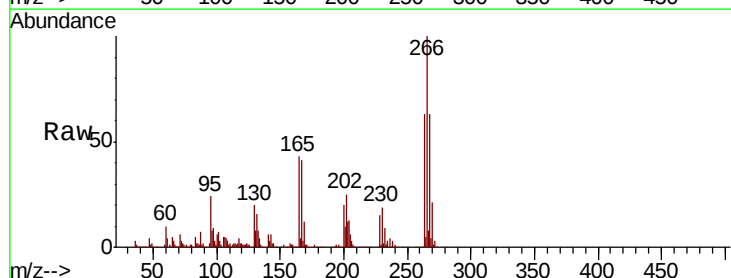
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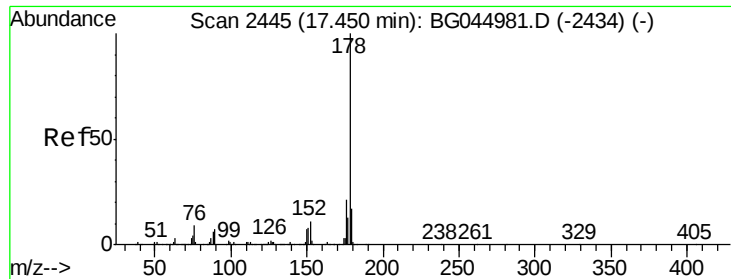
mohammad
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#70
Pentachlorophenol
Concen: 87.316 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	62.5	52.2	78.4





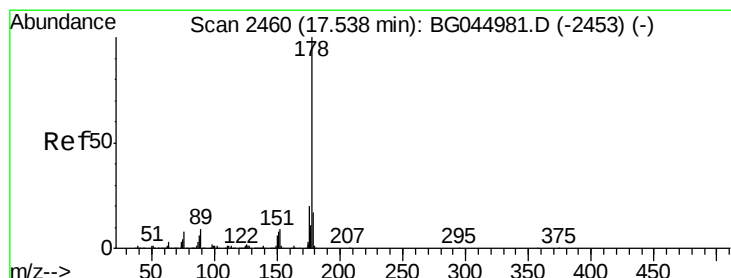
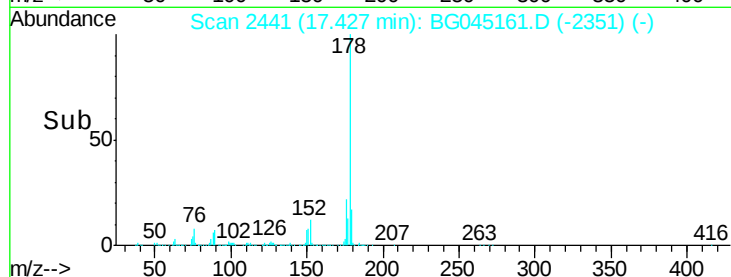
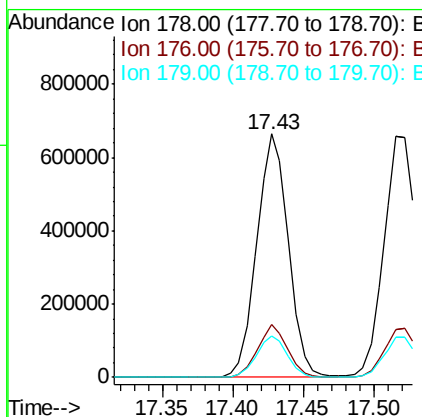
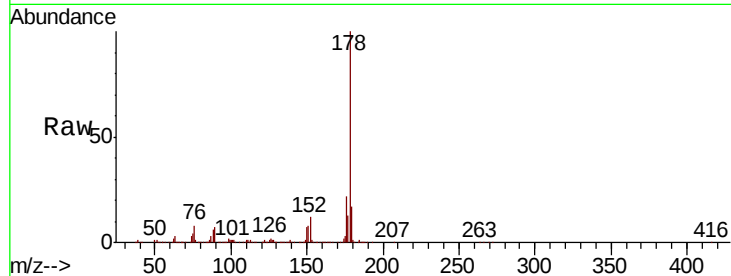
#71
Phenanthrene
Concen: 44.884 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:178 Resp: 1044106
Ion Ratio Lower Upper
178 100
176 21.9 16.8 25.2
179 16.9 13.2 19.8

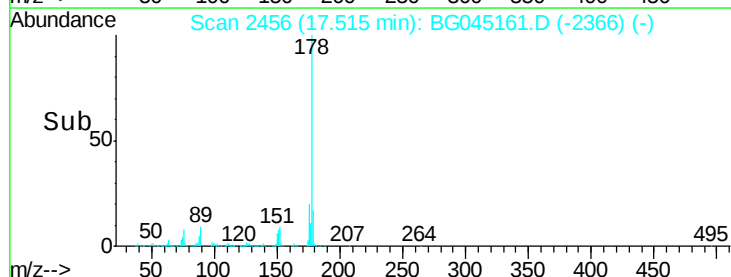
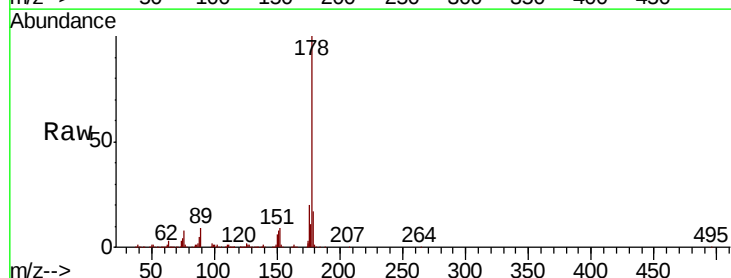
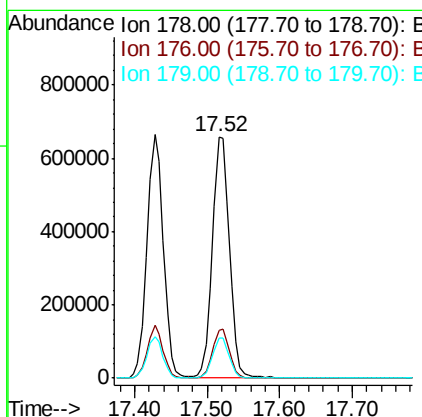
Manual Integrations
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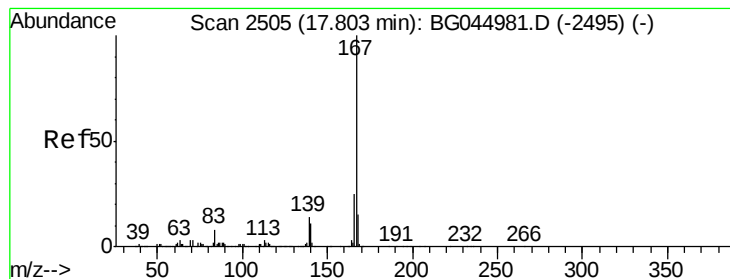
mohammad
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#72
Anthracene
Concen: 46.293 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:178 Resp: 1080227
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.7 13.6 20.4





#73

Carbazole

Concen: 43.058 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:167 Resp: 1019631

Ion Ratio Lower Upper

167 100

166 23.8 19.8 29.6

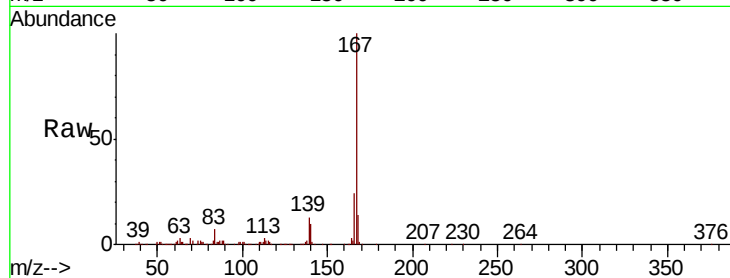
139 13.3 10.9 16.3

Manual Integrations

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

800000

600000

400000

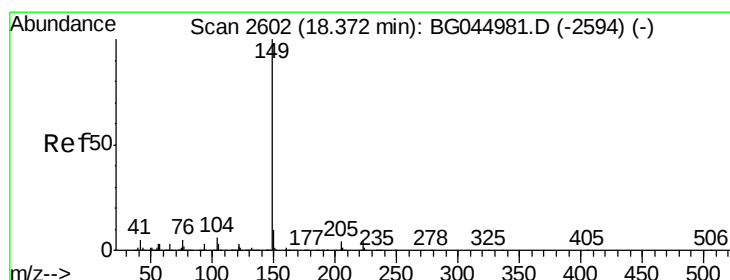
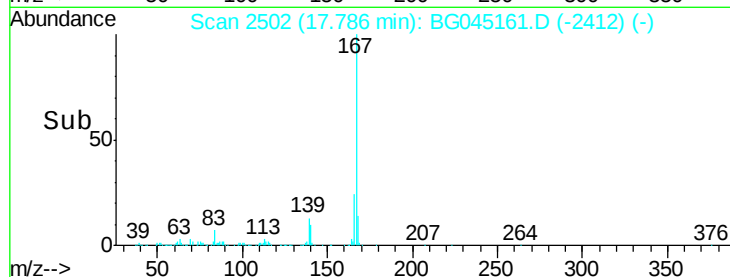
200000

0

17.79

17.70 17.80 17.90

Time-->



#74

Di-n-butylphthalate

Concen: 47.107 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

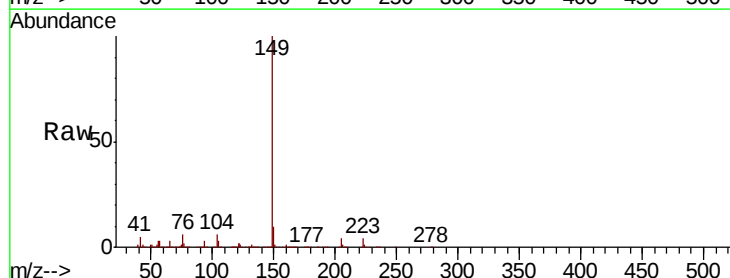
Tgt Ion:149 Resp: 1206958

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

104 6.0 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

600000

400000

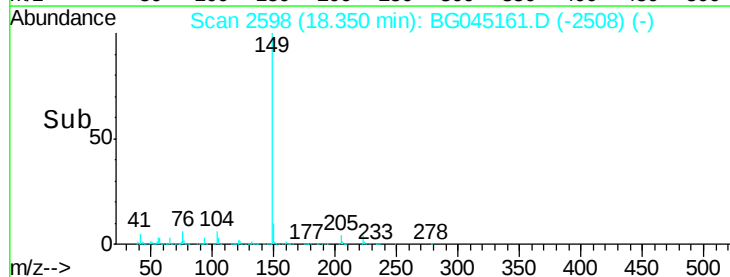
200000

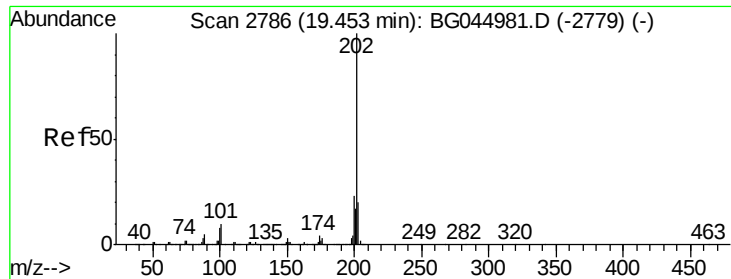
0

18.35

18.30 18.40

Time-->





#75

Fluoranthene

Concen: 48.771 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

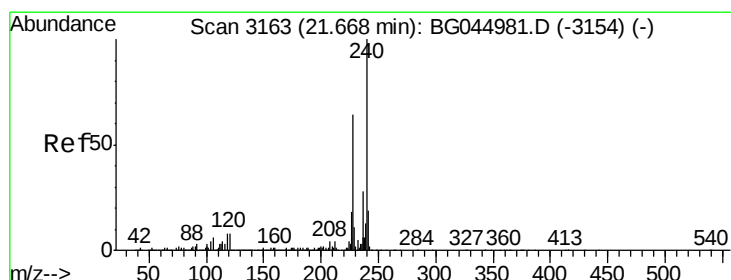
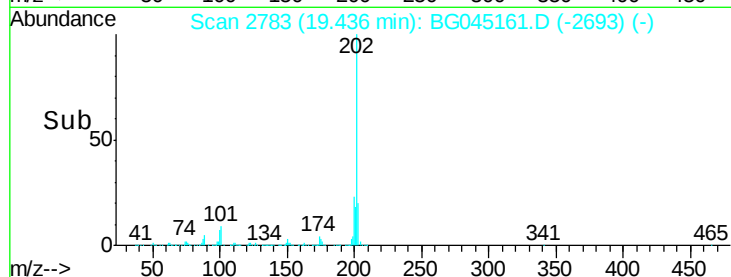
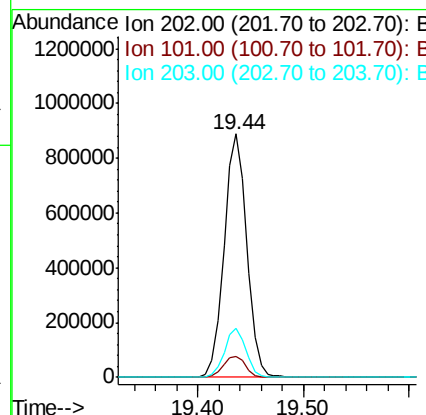
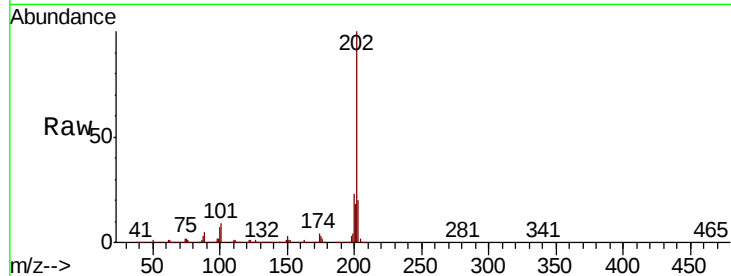
ClientSampleId :

PB128245BS

Tot Ion:	202	Resp:	1319376
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	20.1	0.0	39.7

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

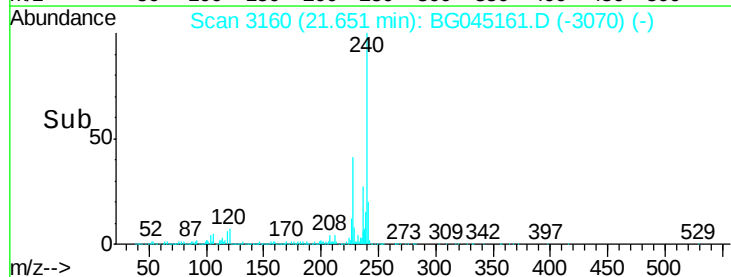
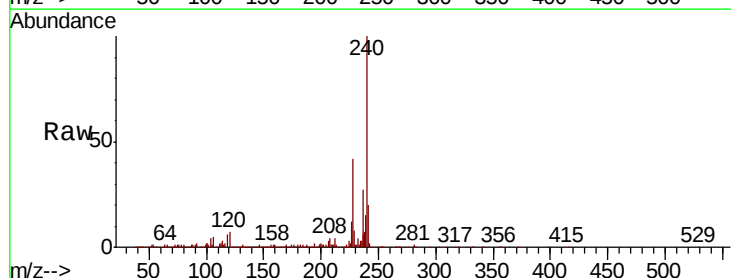
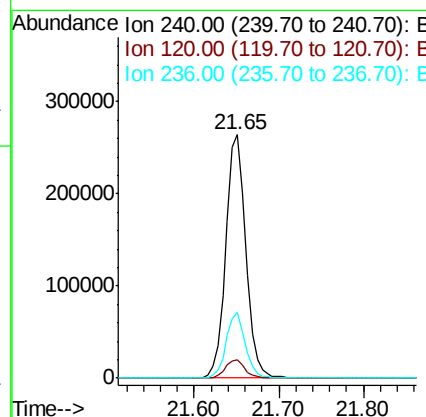
RT: 21.65 min Scan# 3160

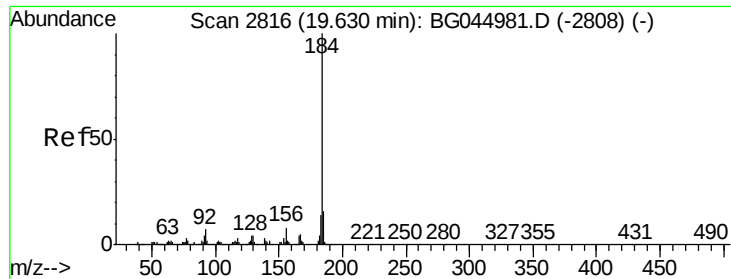
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	240	Resp:	433078
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	27.1	22.2	33.2





#77

Benzidine

Concen: 49.767 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

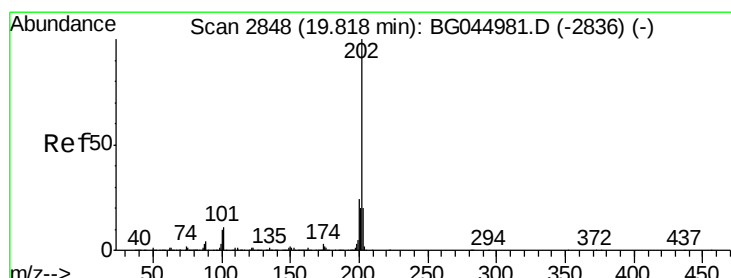
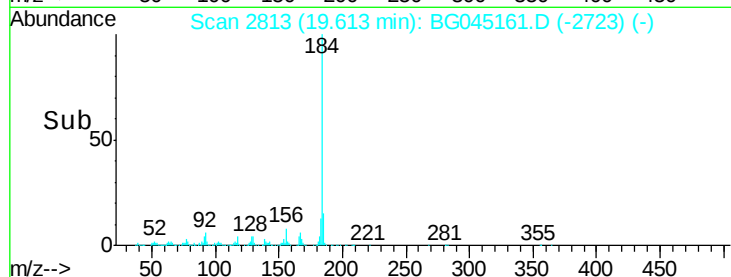
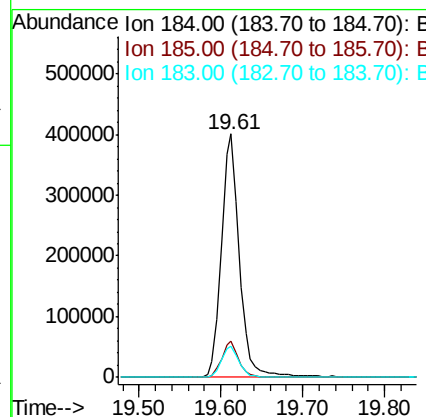
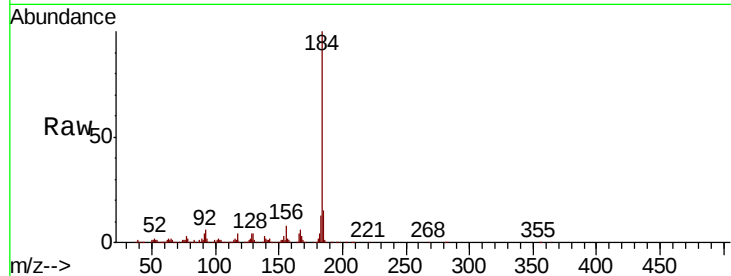
ClientSampled :

PB128245BS

Tot Ion:	184	Resp:	616344
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	12.7	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 44.298 ng

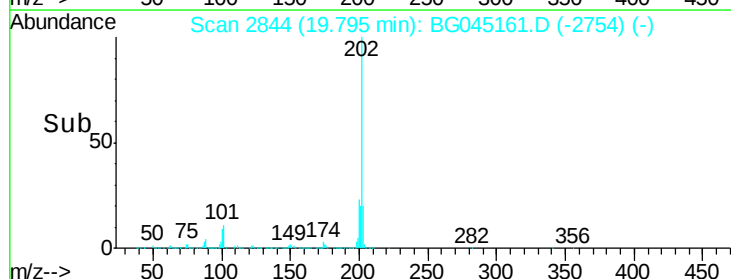
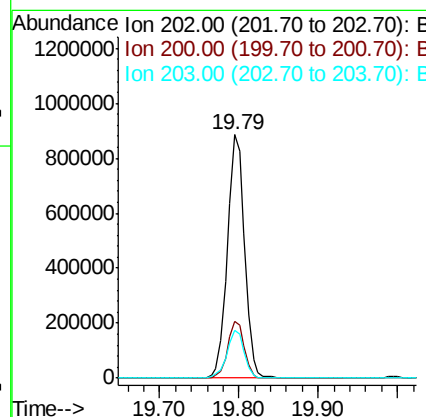
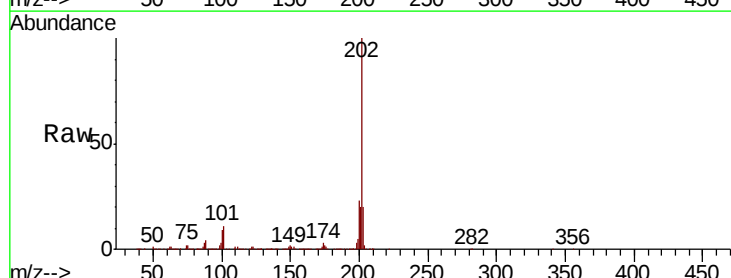
RT: 19.79 min Scan# 2844

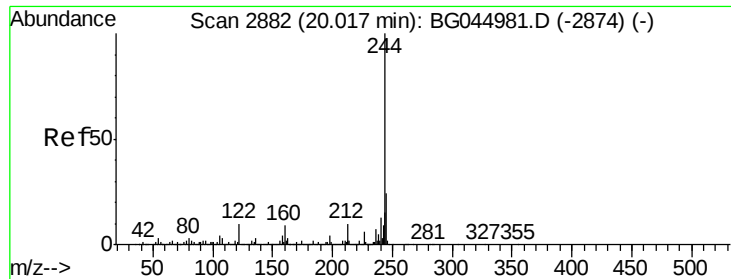
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:	202	Resp:	1322590
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	19.7	16.1	24.1





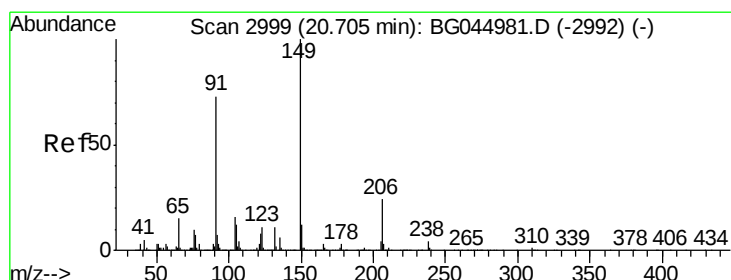
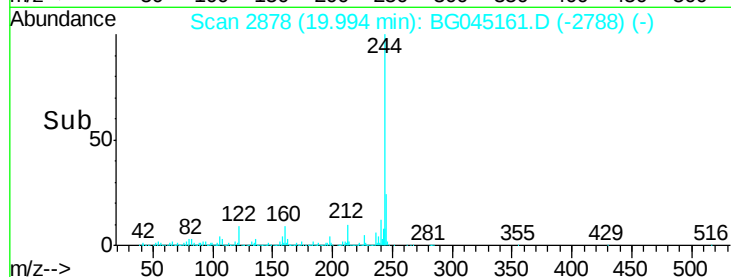
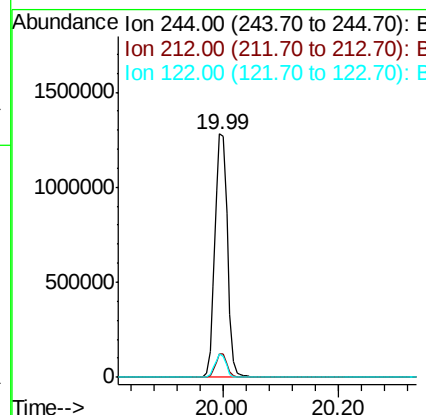
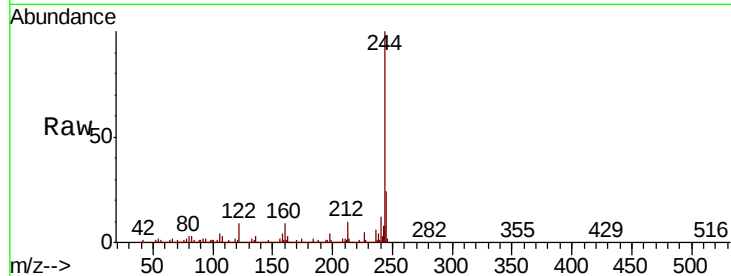
#79
 Terphenyl-d14
 Concen: 98.517 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.4	7.7	11.5

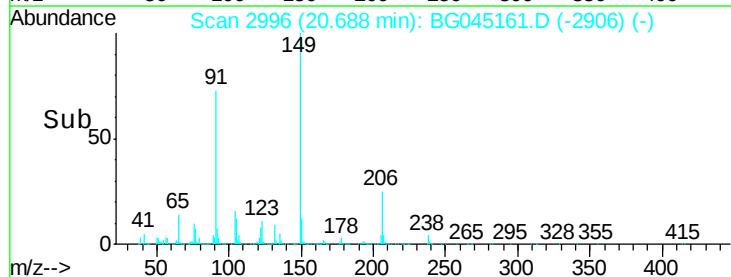
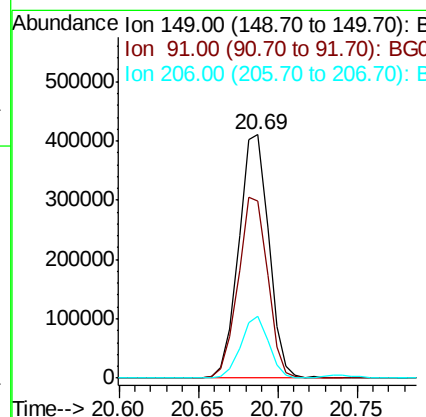
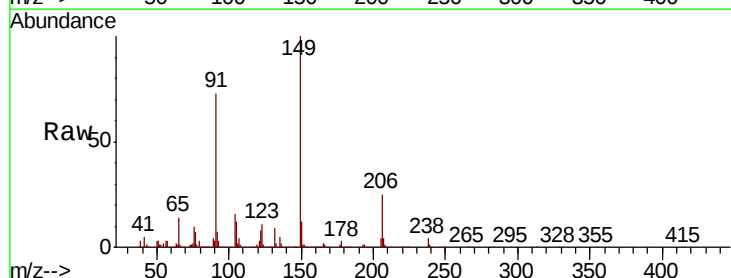
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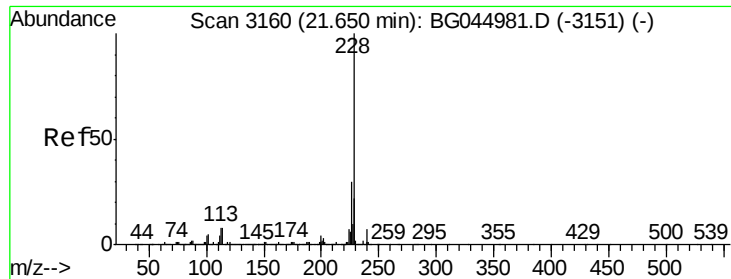
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.502 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	58.5	87.7
206	25.1	19.2	28.8





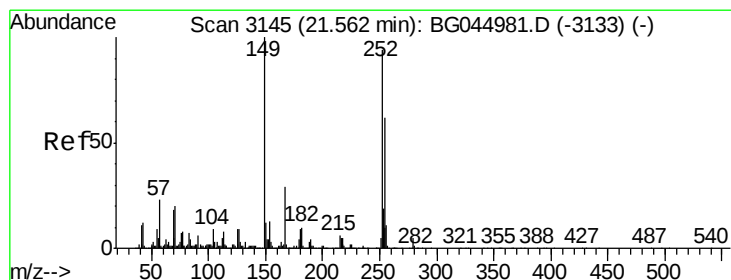
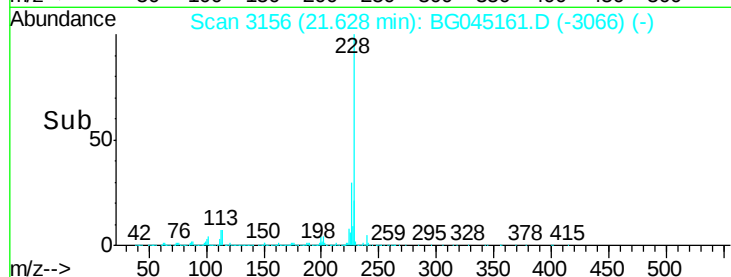
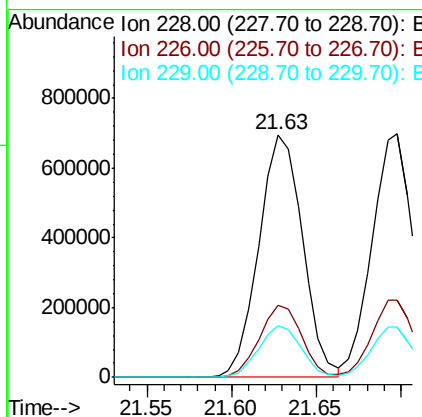
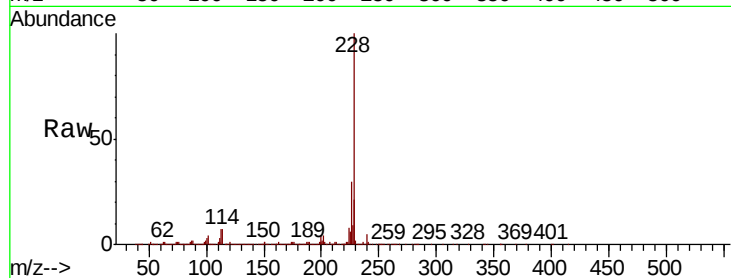
#81
Benzo(a)anthracene
Concen: 44.333 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.4	17.5	26.3

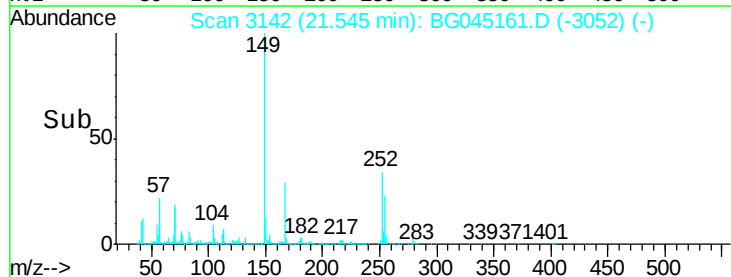
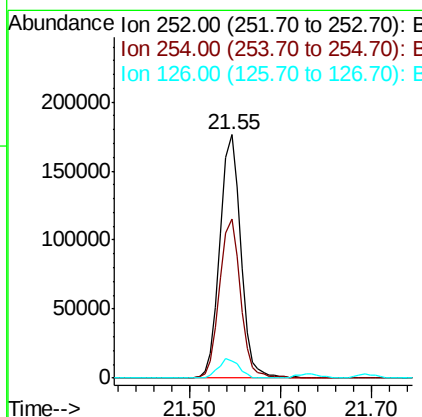
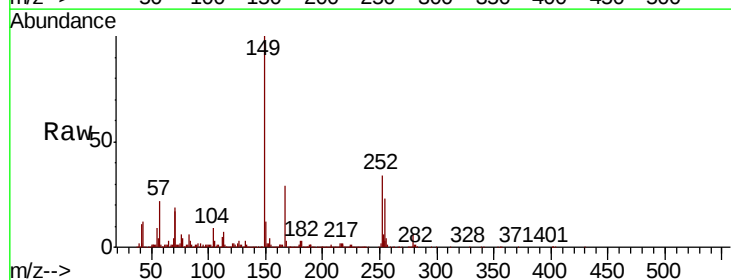
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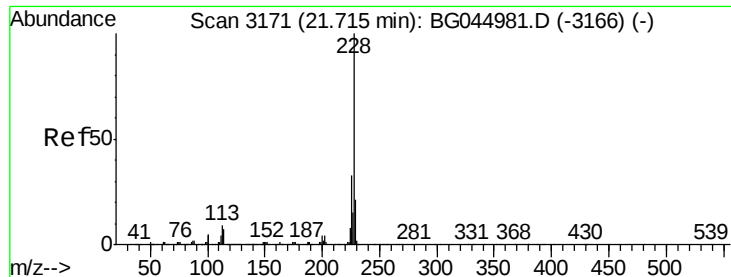
mohammad
4/27/2020 3:05:41 PM



#82
3,3'-Dichlorobenzidine
Concen: 25.271 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.6	79.0
126	7.1	7.5	11.3





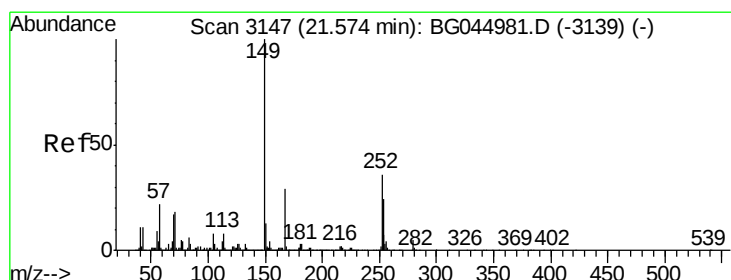
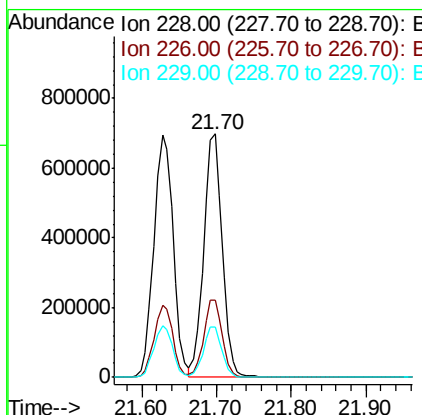
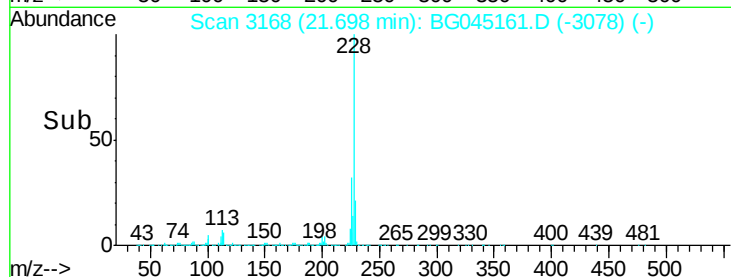
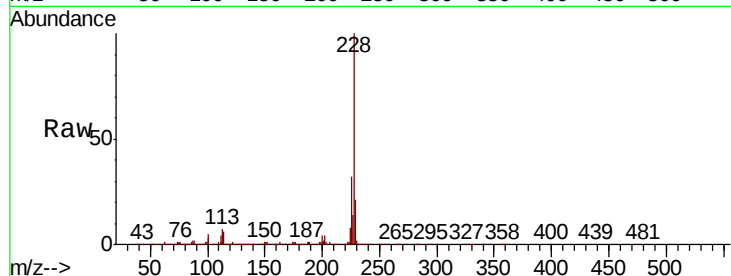
#83
 Chrysene
 Concen: 44.588 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion:	228	Resp:	1202539
Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	20.6	17.0	25.6

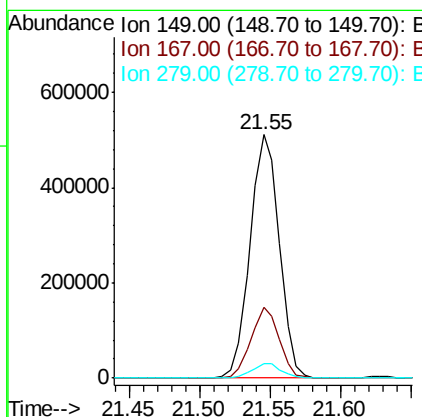
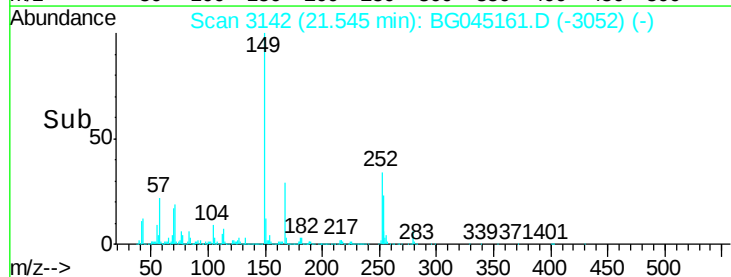
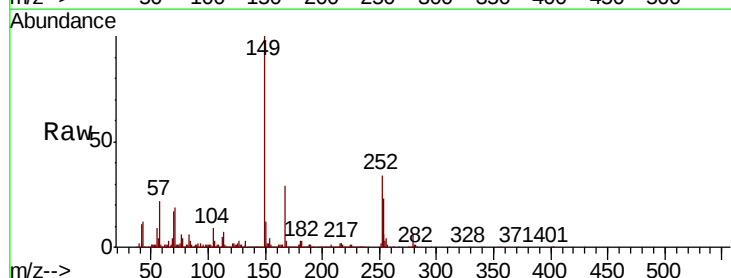
Manual Integrations
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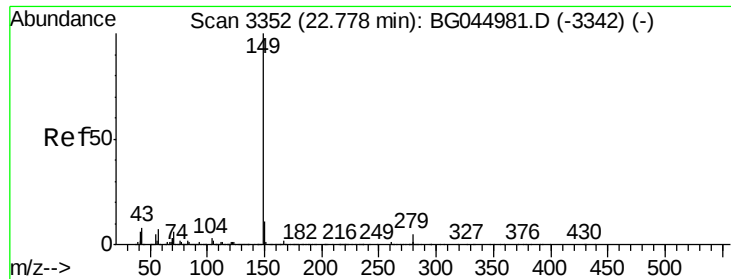
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.613 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion:	149	Resp:	742340
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 42.301 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:149 Resp: 1245080

Ion Ratio Lower Upper

149 100

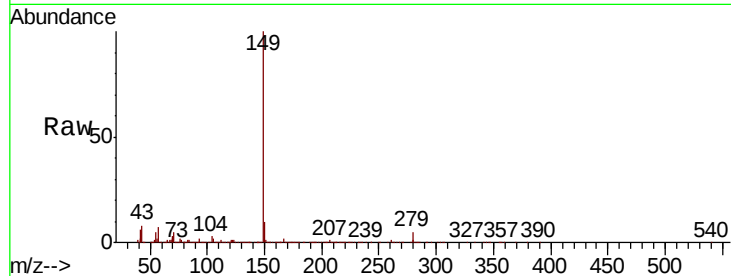
167 1.8 1.4 2.2

43 7.3 5.7 8.5

Manual Integrations
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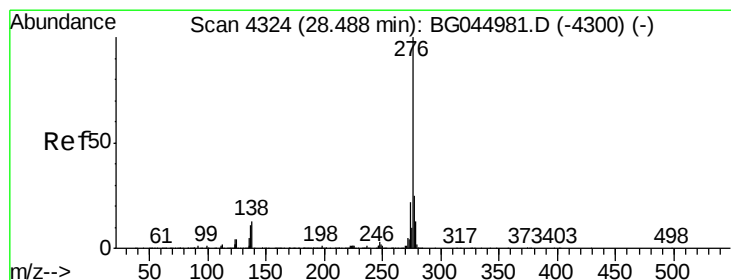
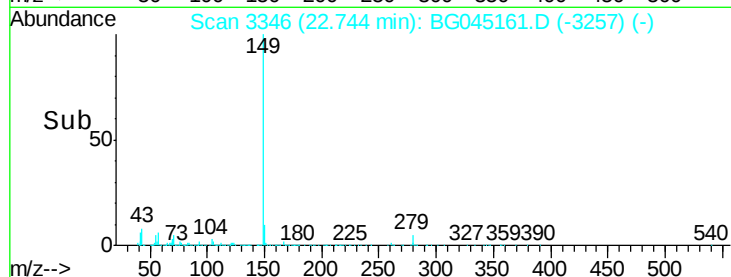
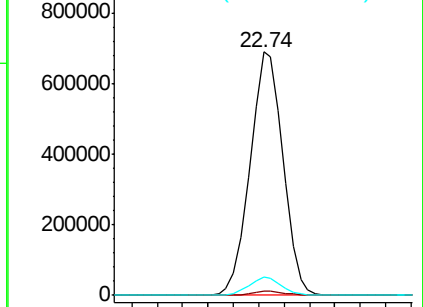
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.532 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

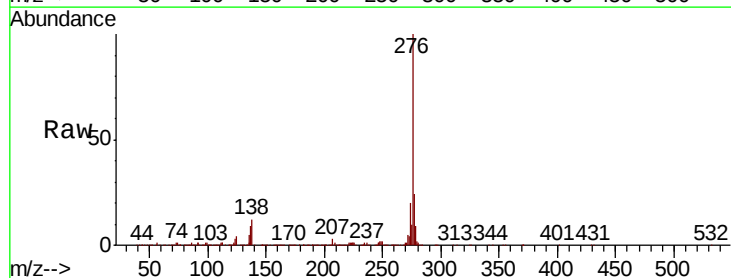
Tgt Ion:276 Resp: 1558763

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

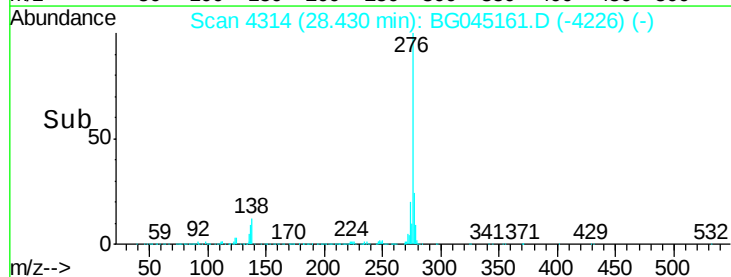
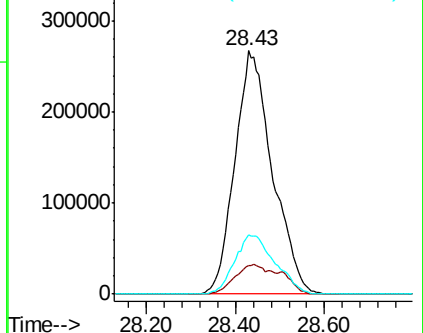
277 26.1 20.6 31.0

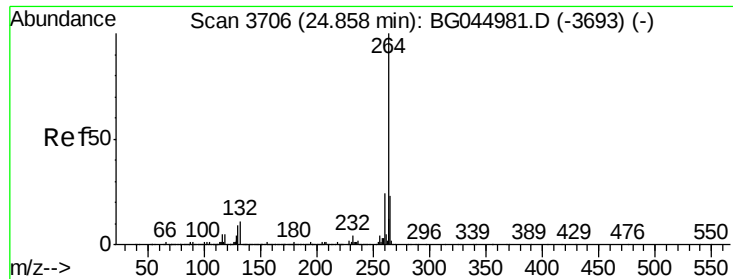


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





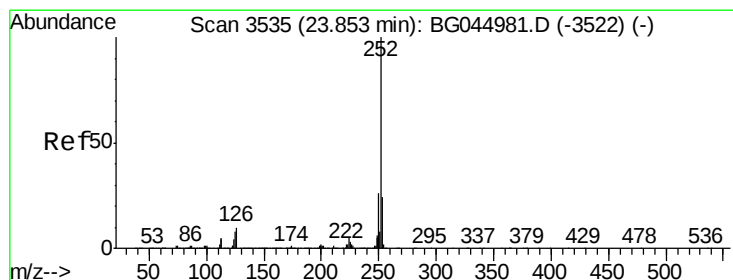
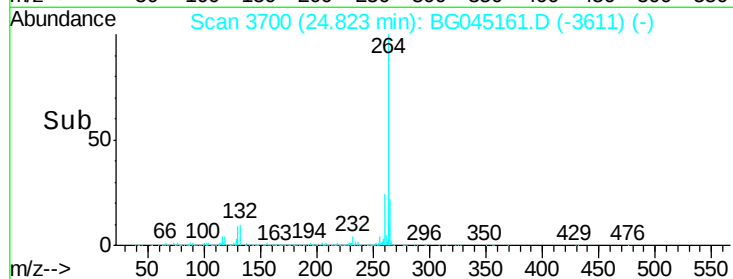
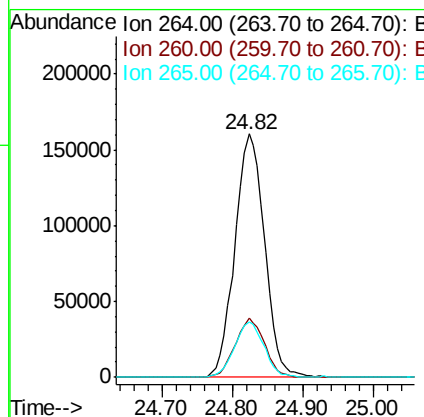
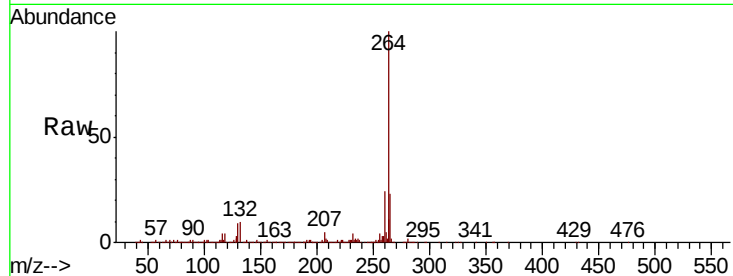
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.7	19.0	28.4

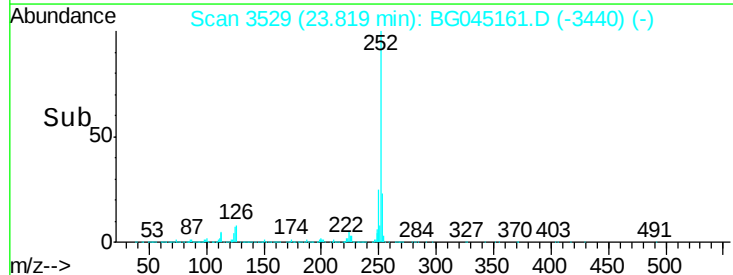
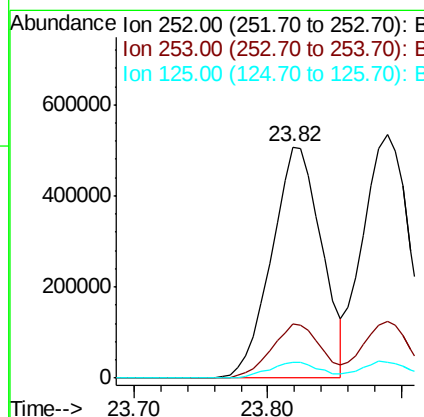
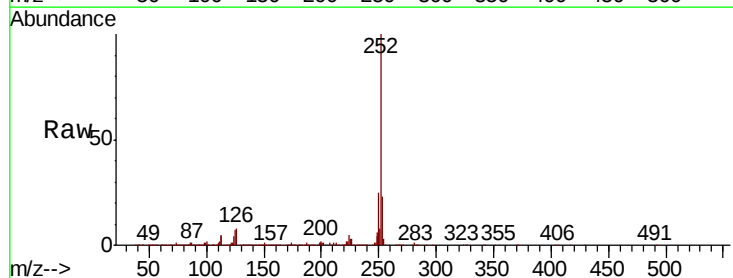
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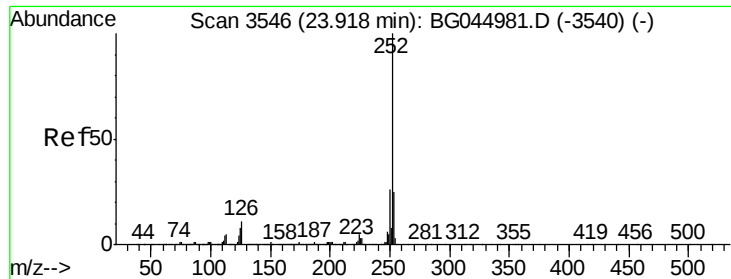
mohammad
4/27/2020 3:05:41 PM



#88
Benzo(b)fluoranthene
Concen: 44.740 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	6.7	6.2	9.4





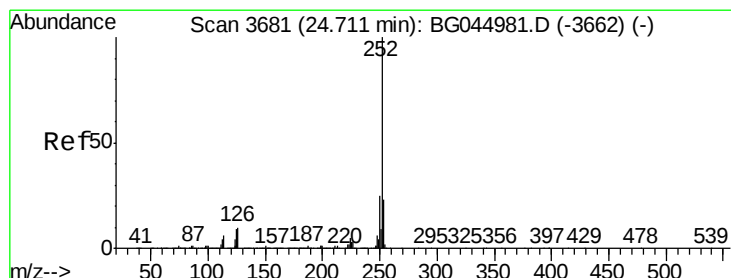
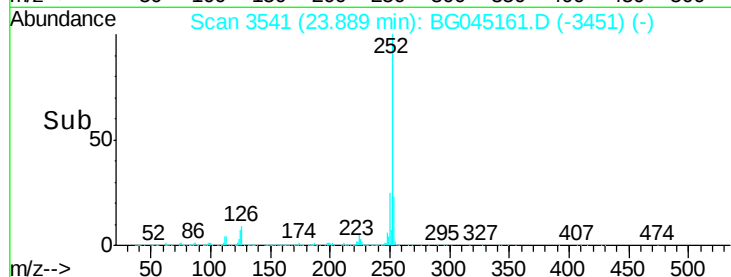
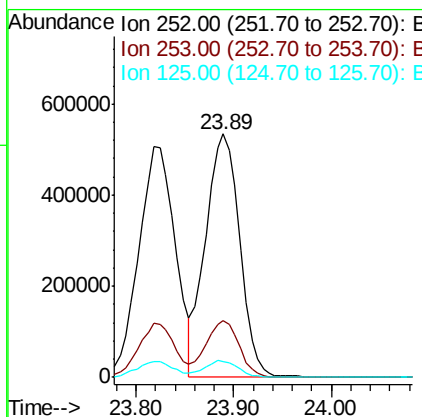
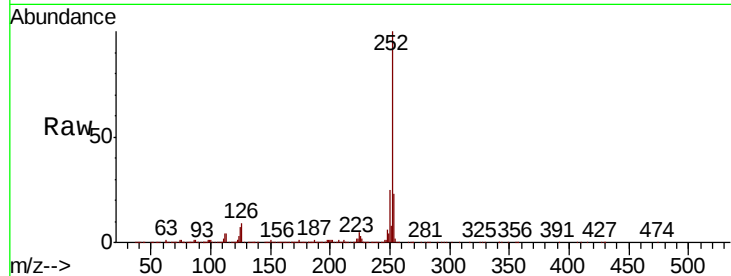
#89
Benzo(k)fluoranthene
Concen: 46.261 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	6.6	5.9	8.9

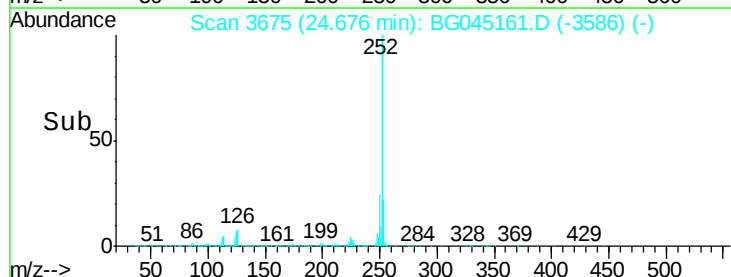
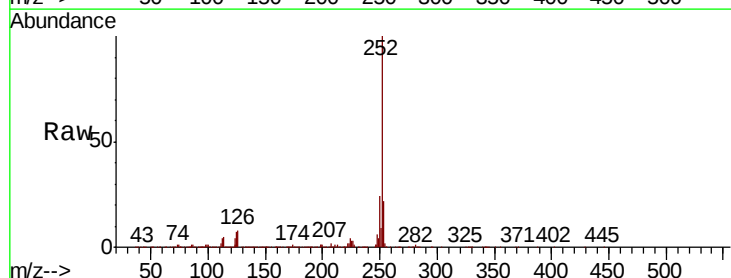
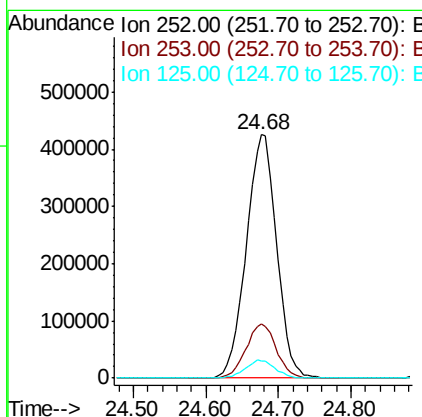
Manual Integrations
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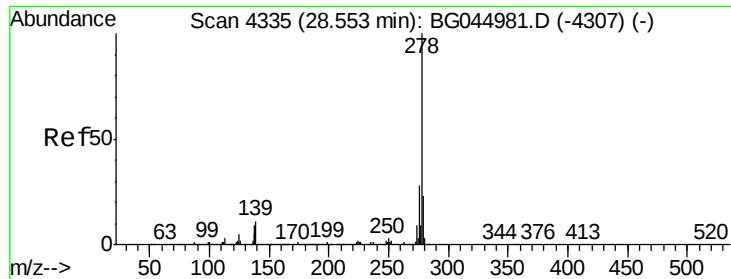
mohammad
4/27/2020 3:05:41 PM



#90
Benzo(a)pyrene
Concen: 44.376 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	7.3	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 45.341 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:278 Resp: 1270036

Ion Ratio Lower Upper

278 100

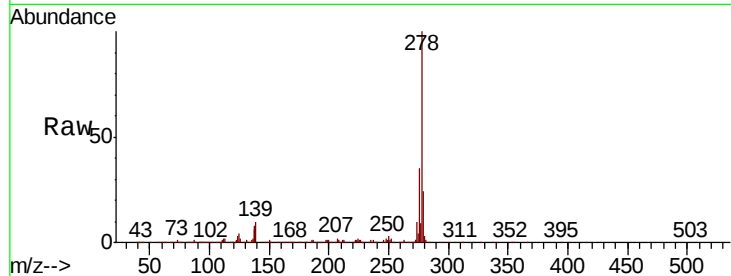
139 9.8 9.0 13.6

279 24.5 18.4 27.6

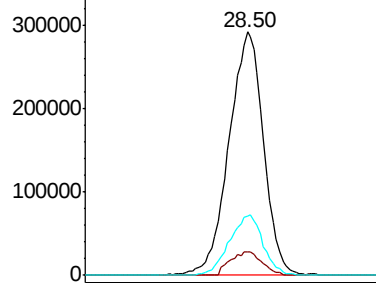
Manual Integrations
APPROVED

mohammad

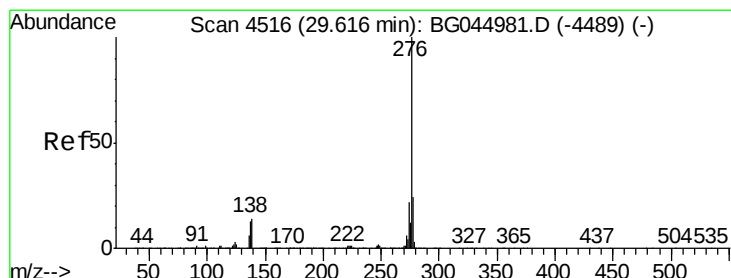
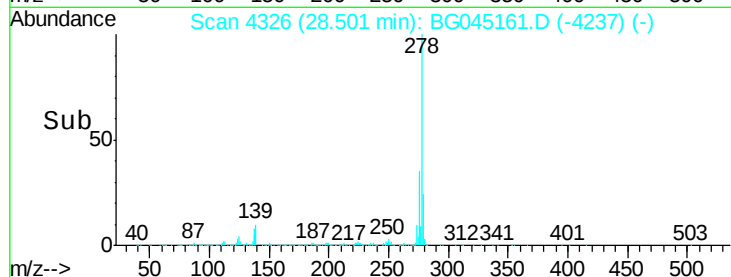
4/27/2020 3:05:41 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 45.172 ng

RT: 29.56 min Scan# 4507

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

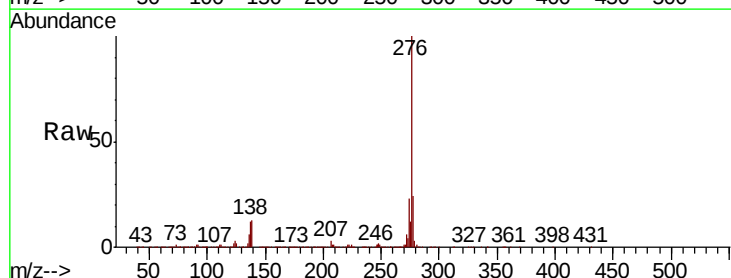
Tgt Ion:276 Resp: 1268544

Ion Ratio Lower Upper

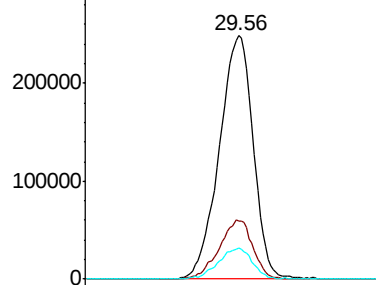
276 100

277 23.9 19.3 28.9

138 13.0 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

