

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043973.D
 Acq On : 8 Jan 2020 18:43
 Operator : JU
 Sample : PB125951BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BS

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:10:06 PM

Quant Time: Jan 09 06:49:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	125986	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	532146	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	313470	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	680672	20.00	ng	0.00
76) Chrysene-d12	21.58	240	629657	20.00	ng	0.00
87) Perylene-d12	24.70	264	574975	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	886162	129.15	ng	0.00
7) Phenol-d6	7.12	99	1220501	127.25	ng	0.00
23) Nitrobenzene-d5	9.11	82	706741	71.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	427968	130.46	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1526742	88.24	ng	-0.01
79) Terphenyl-d14	19.94	244	1960632	71.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	107240	35.845	ng	# 96
3) Pyridine	3.82	79	291914	33.029	ng	96
4) n-Nitrosodimethylamine	3.73	42	135085	34.330	ng	99
6) Aniline	7.28	93	325601	25.846	ng	98
8) 2-Chlorophenol	7.52	128	334016	41.465	ng	98
9) Benzaldehyde	7.09	77	58210	9.483	ng	91
10) Phenol	7.15	94	410414	41.532	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	315149	36.946	ng	99
12) 1,3-Dichlorobenzene	7.85	146	343678	36.459	ng	99
13) 1,4-Dichlorobenzene	7.99	146	347838	37.399	ng	98
14) 1,2-Dichlorobenzene	8.31	146	333003	37.302	ng	100
15) Benzyl Alcohol	8.19	79	287069	37.924	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	443304	33.591	ng	98
17) 2-Methylphenol	8.40	107	285811	39.967	ng	98
18) Hexachloroethane	9.04	117	130007	35.923	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	253495	35.490	ng	98
20) 3+4-Methylphenols	8.73	107	403809	40.478	ng	98
22) Acetophenone	8.78	105	469624	35.498	ng	# 98
24) Nitrobenzene	9.15	77	349950	35.520	ng	98
25) Isophorone	9.68	82	680995	36.490	ng	99
26) 2-Nitrophenol	9.87	139	189123	40.574	ng	96
27) 2,4-Dimethylphenol	9.93	122	318642	45.413	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	433348	34.830	ng	99
29) 2,4-Dichlorophenol	10.40	162	332903	39.776	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	329050	35.064	ng	100
31) Naphthalene	10.81	128	976711	37.929	ng	99
32) Benzoic acid	10.07	122	175610m	32.986	ng	
33) 4-Chloroaniline	10.91	127	226780	18.464	ng	99
34) Hexachlorobutadiene	11.10	225	189821	33.130	ng	98
35) Caprolactam	11.67	113	118776m	38.122	ng	
36) 4-Chloro-3-methylphenol	12.04	107	353741	39.702	ng	98
37) 2-Methylnaphthalene	12.41	142	738251	38.079	ng	96
38) 1-Methylnaphthalene	12.63	142	705104	38.374	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	352370	38.352	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043973.D
 Acq On : 8 Jan 2020 18:43
 Operator : JU
 Sample : PB125951BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB125951BS

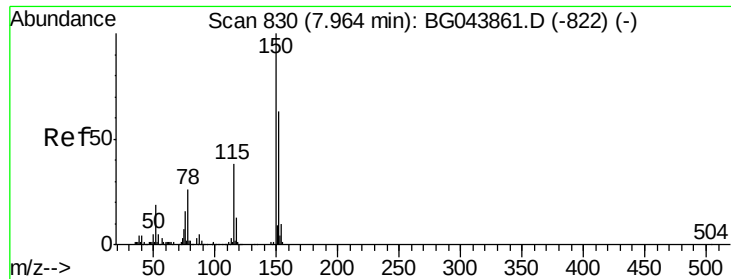
Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:10:06 PM

Quant Time: Jan 09 06:49:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	376768	79.098	nq	96
43) 2,4,6-Trichlorophenol	13.02	196	265484	41.994	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	278584	42.725	nq	99
46) 1,1'-Biphenyl	13.42	154	928663	41.319	nq	99
47) 2-Chloronaphthalene	13.46	162	725067	39.923	nq	99
48) 2-Nitroaniline	13.66	65	224035	38.349	nq	96
49) Acenaphthylene	14.31	152	1127114	43.179	nq	99
50) Dimethylphthalate	14.05	163	909069	40.843	nq	99
51) 2,6-Dinitrotoluene	14.16	165	209194	41.583	nq	94
52) Acenaphthene	14.65	154	714731	39.044	nq	98
53) 3-Nitroaniline	14.49	138	154719	27.083	nq	96
54) 2,4-Dinitrophenol	14.69	184	200591	78.385	nq	95
55) Dibenzofuran	14.99	168	1076461	42.716	nq	98
56) 4-Nitrophenol	14.80	139	363712	83.081	nq	93
57) 2,4-Dinitrotoluene	14.94	165	295209	43.126	nq	97
58) Fluorene	15.64	166	847283	42.420	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	247000	44.054	nq	99
60) Diethylphthalate	15.41	149	926518	41.619	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	440487	40.614	nq	98
62) 4-Nitroaniline	15.65	138	210004	37.225	nq	97
63) Azobenzene	15.92	77	839829	40.678	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	156073	44.823	nq	99
66) n-Nitrosodiphenylamine	15.84	169	787164	39.270	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	279878	36.559	nq	98
68) Hexachlorobenzene	16.64	284	298376	36.171	nq	99
69) Atrazine	16.79	200	254903	39.122	nq	97
70) Pentachlorophenol	16.98	266	527299	115.959	nq	99
71) Phenanthrene	17.37	178	1311040	40.156	nq	99
72) Anthracene	17.47	178	1326727	41.118	nq	98
73) Carbazole	17.73	167	1222463	41.016	nq	98
74) Di-n-butylphthalate	18.30	149	1511095	39.710	nq	99
75) Fluoranthene	19.38	202	1476120	39.534	nq	99
77) Benzidine	19.56	184	323551	20.443	nq	98
78) Pyrene	19.75	202	1493488	36.338	nq	97
80) Butylbenzylphthalate	20.63	149	707559	36.160	nq	98
81) Benzo(a)anthracene	21.56	228	1413845	36.212	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	354481	22.981	nq	98
83) Chrysene	21.63	228	1340863	36.143	nq	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	970804	35.957	nq	99
85) Di-n-octyl phthalate	22.67	149	1685573	37.135	nq	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1678881	33.300	nq	99
88) Benzo(b)fluoranthene	23.72	252	1473891	43.361	nq	99
89) Benzo(k)fluoranthene	23.78	252	1408599	43.578	nq	100
90) Benzo(a)pyrene	24.56	252	1417330	44.179	nq	99
91) Dibenzo(a,h)anthracene	28.31	278	1396301	43.337	nq	97
92) Benzo(g,h,i)perylene	29.35	276	1399202	43.720	nq	100

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



#1

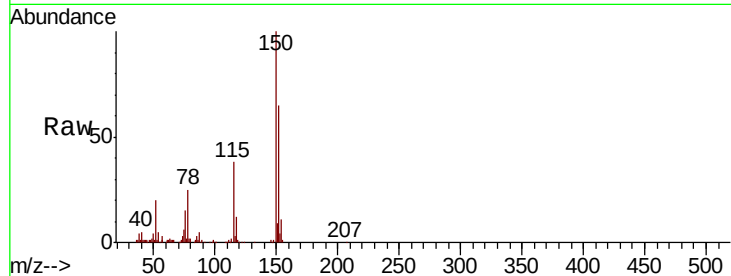
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.4
115	58.7	47.8	71.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

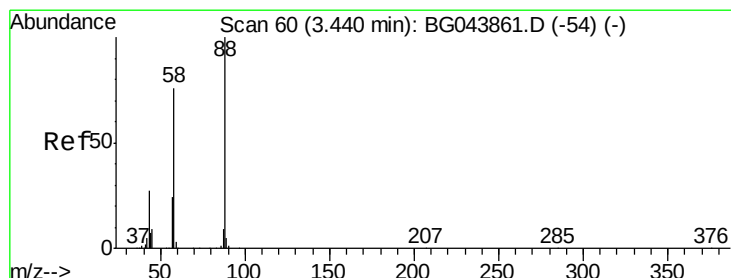
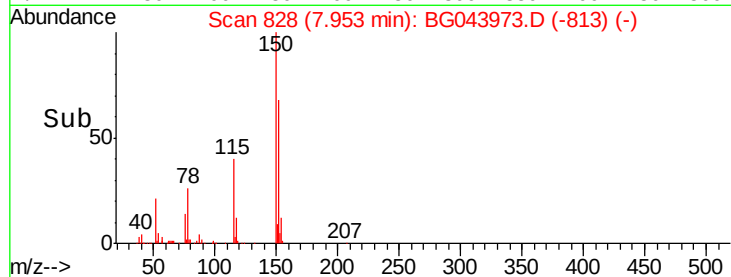
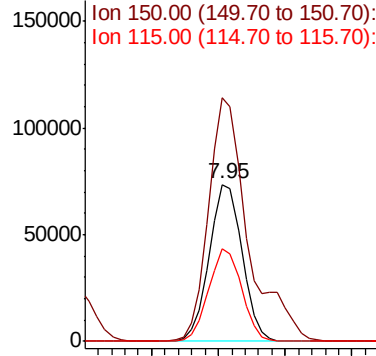


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

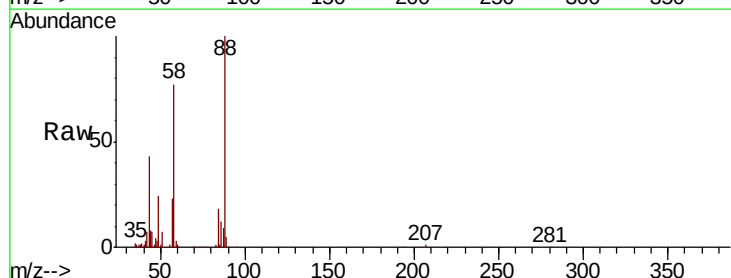
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.845 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	59.8	89.8
43	36.1	22.9	34.3#

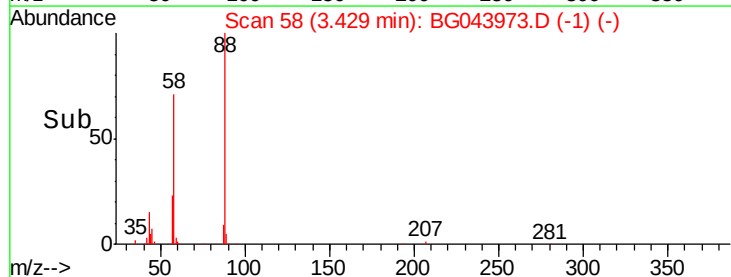
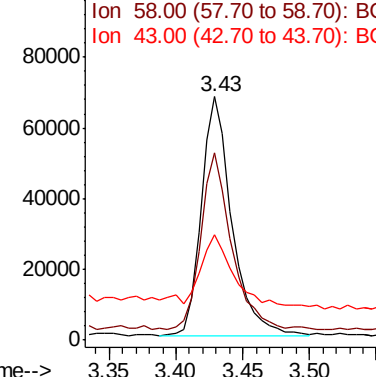


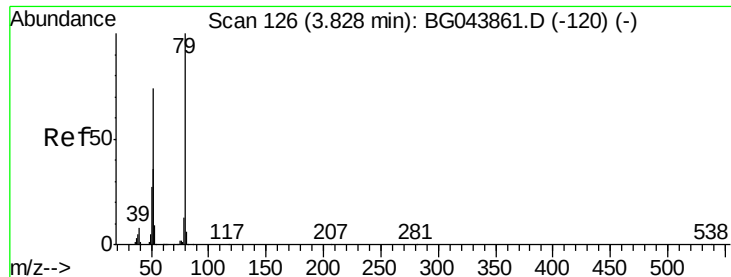
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.029 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

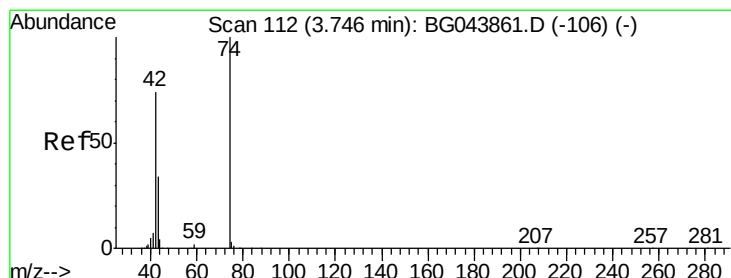
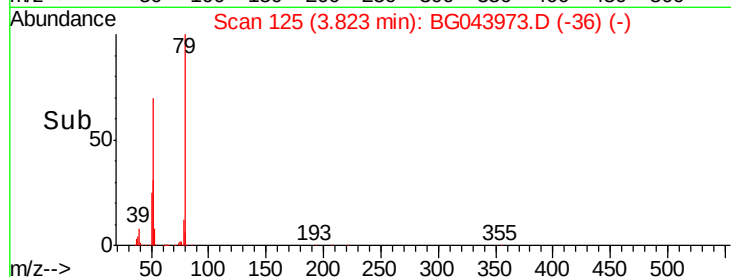
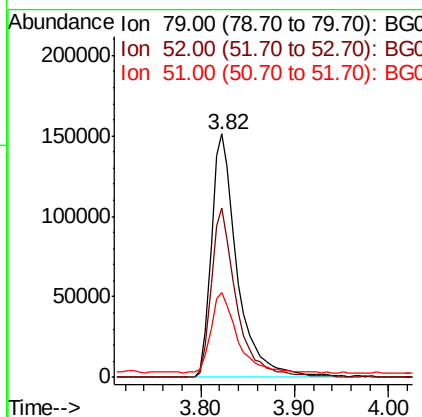
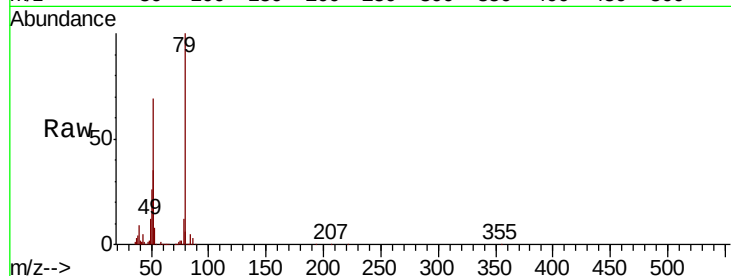
ClientSampleId :

PB125951BS

Tot Ion:	79	Resp:	291914
Ion Ratio	Lower	Upper	
79	100		
52	69.5	58.9	88.3
51	34.9	28.6	43.0

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#4

n-Nitrosodimethylamine

Concen: 34.330 ng

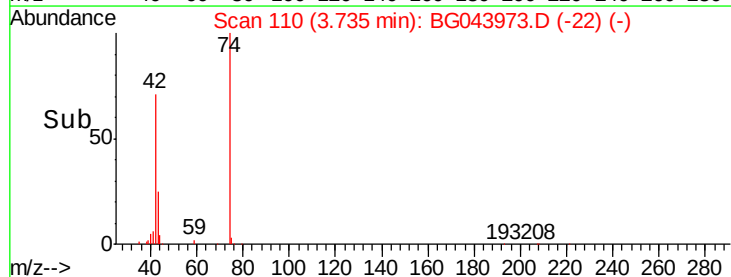
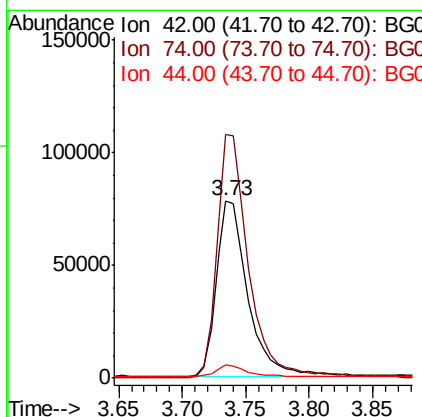
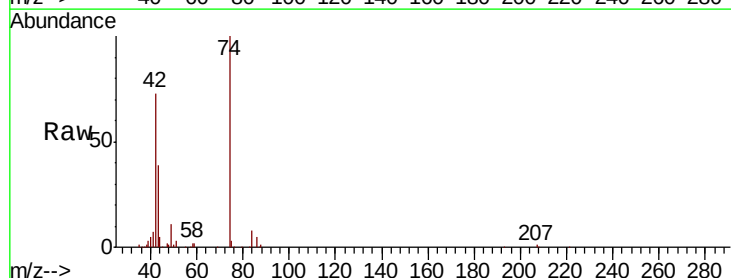
RT: 3.73 min Scan# 110

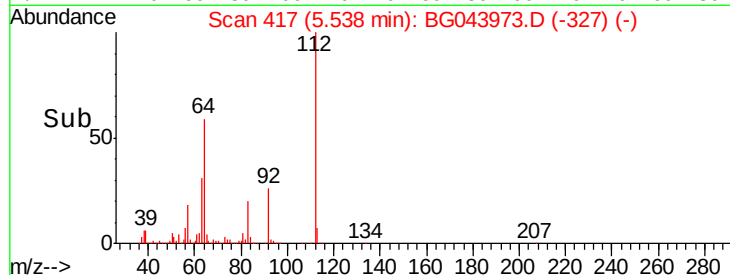
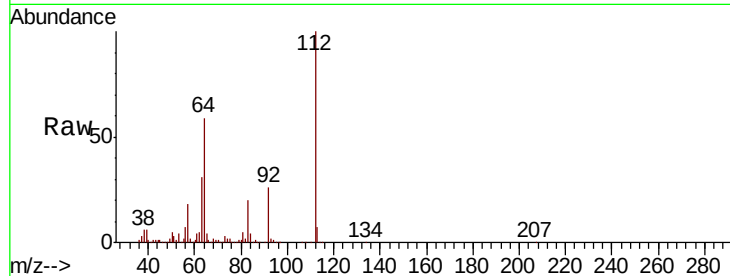
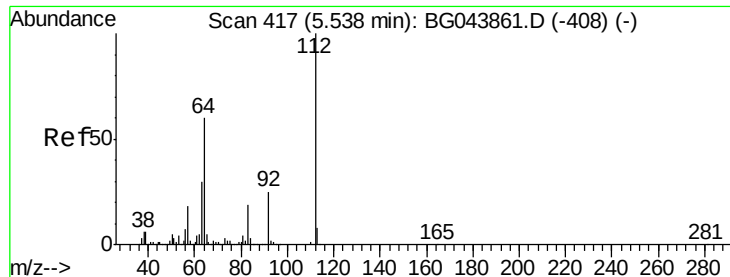
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	42	Resp:	135085
Ion Ratio	Lower	Upper	
42	100		
74	137.2	108.6	162.8
44	7.3	5.0	7.6





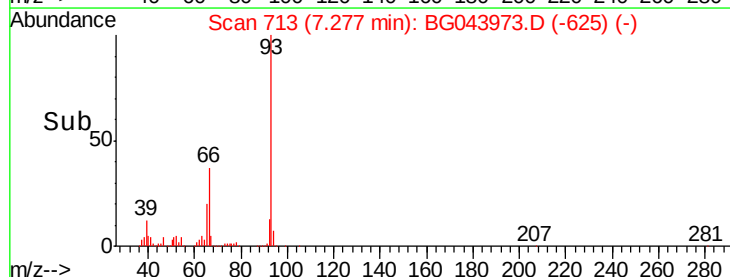
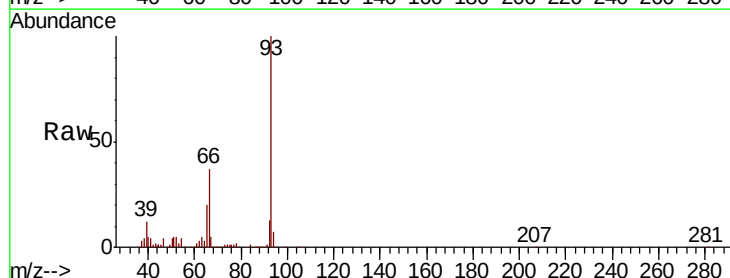
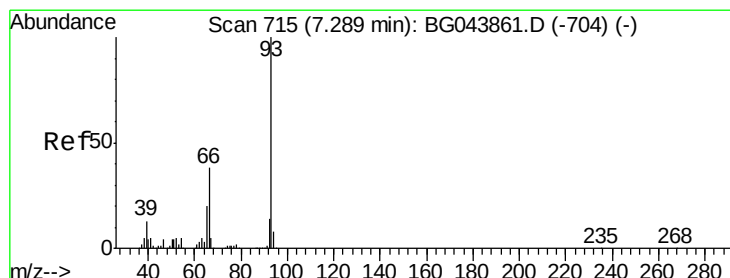
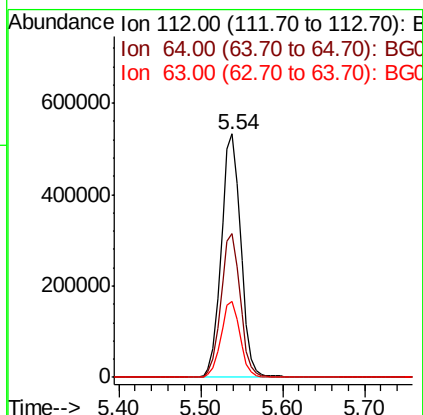
#5
2-Fluorophenol
Concen: 129.149 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tot Ion	Ratio	Resp	Lower	Upper
112	100	886162		
64	58.9		47.8	71.6
63	31.3		24.3	36.5

Instrument :
BNA_G
ClientSampleId :
PB125951BS

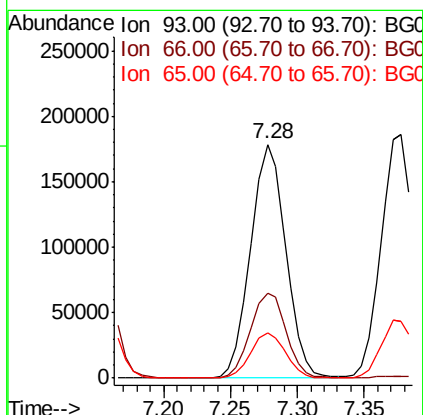
Manual Integrations
APPROVED

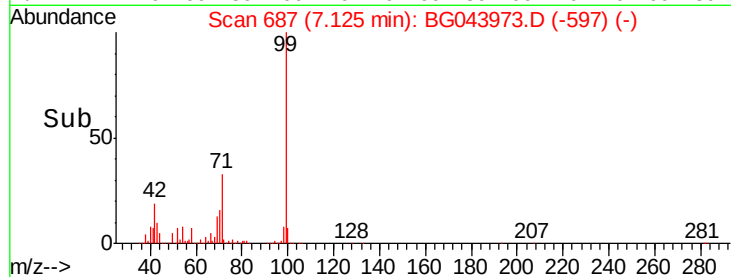
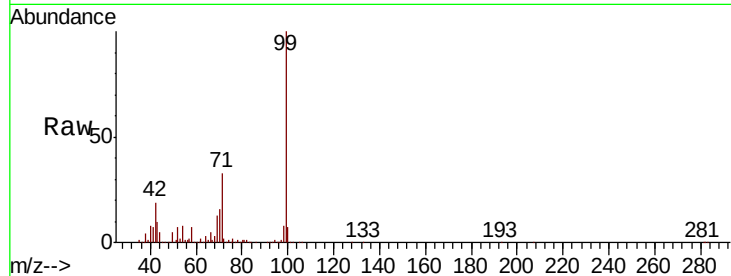
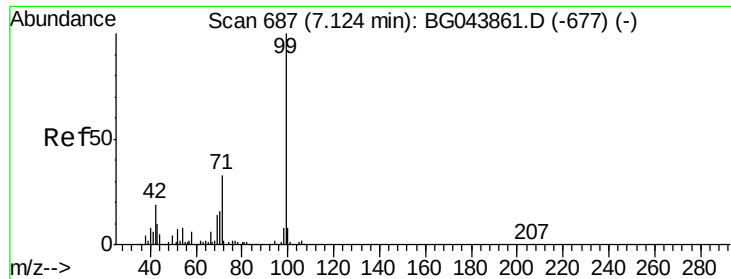
mohammad
1/9/2020 12:10:06 PM



#6
Aniline
Concen: 25.846 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325601		
66	36.5		30.8	46.2
65	19.6		16.0	24.0





#7

Phenol-d6

Concen: 127.252 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	18.9	14.9	22.3		
71	33.1	26.4	39.6		

Instrument :

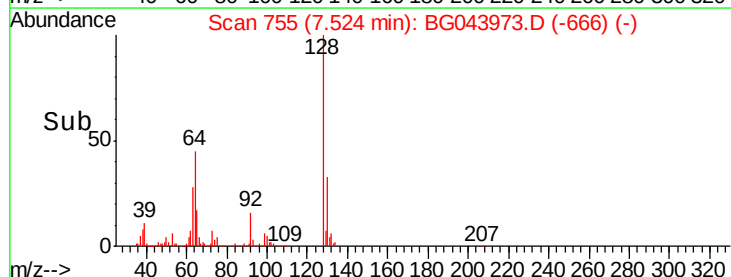
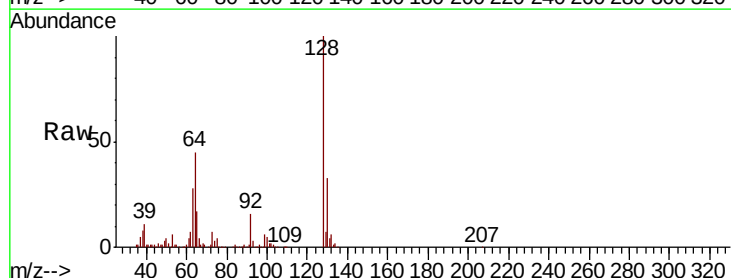
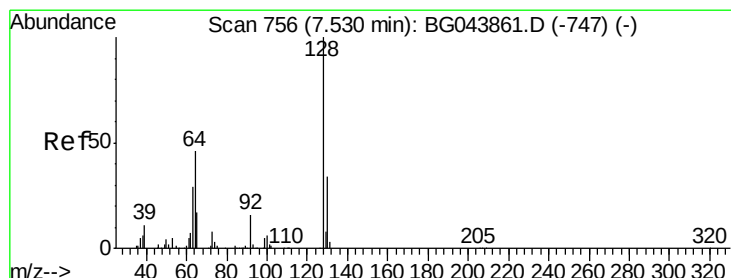
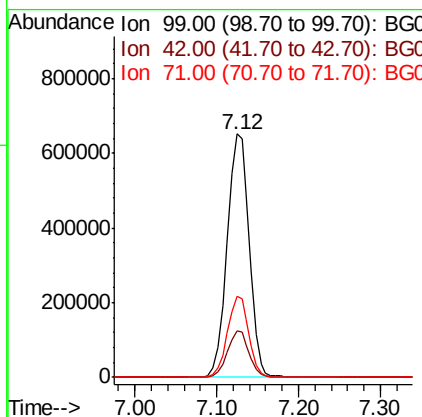
BNA_G

ClientSampleId :

PB125951BS

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#8

2-Chlorophenol

Concen: 41.465 ng

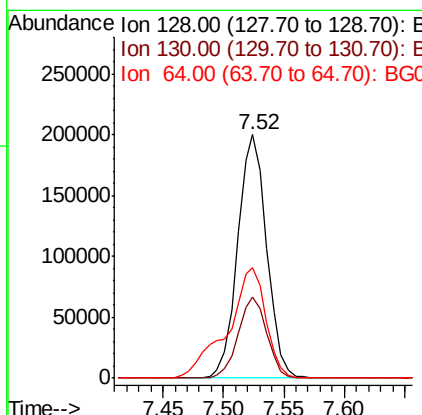
RT: 7.52 min Scan# 755

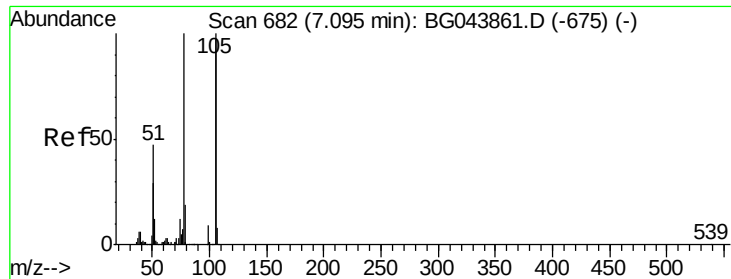
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	33.4	13.8	53.8		
64	45.4	27.6	67.6		





#9

Benzaldehyde

Concen: 9.483 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

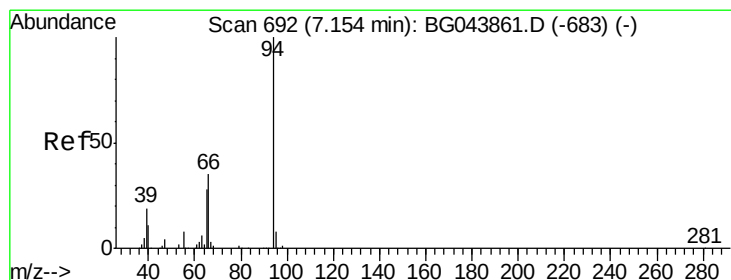
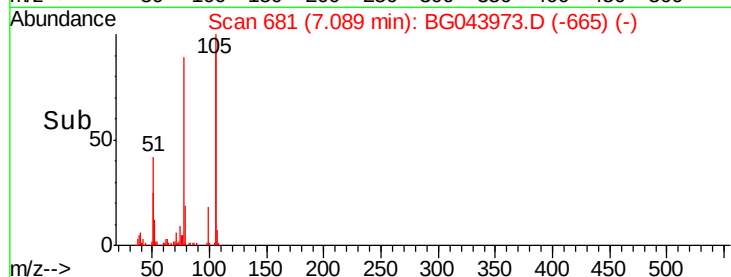
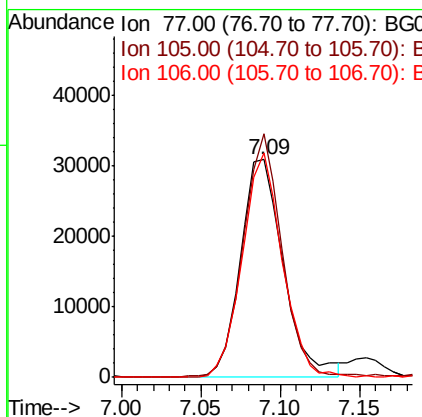
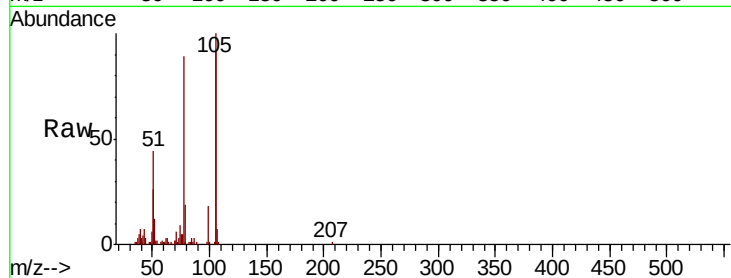
ClientSampleId :

PB125951BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.7	80.2	120.2
106	102.8	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#10

Phenol

Concen: 41.532 ng

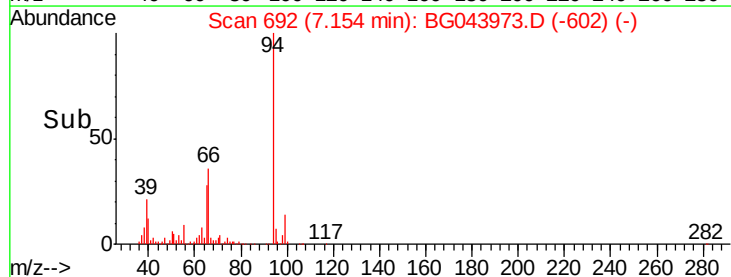
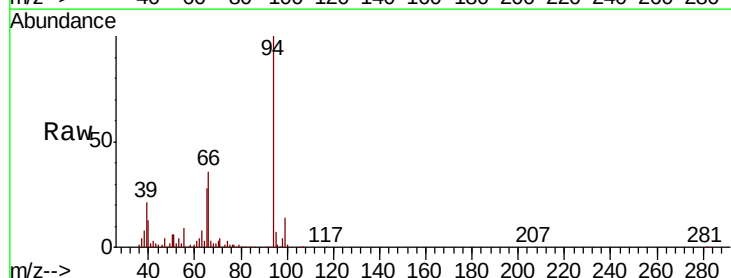
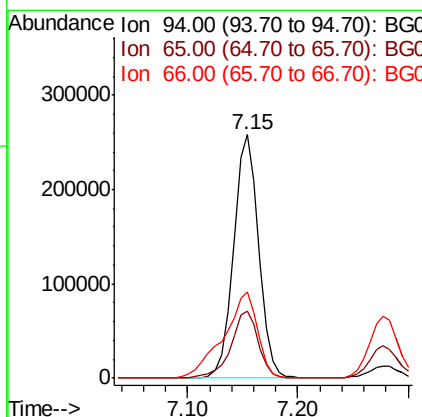
RT: 7.15 min Scan# 692

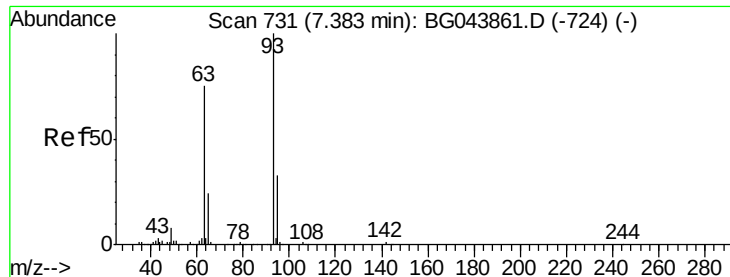
Delta R.T. 0.00 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.6	15.6	55.6





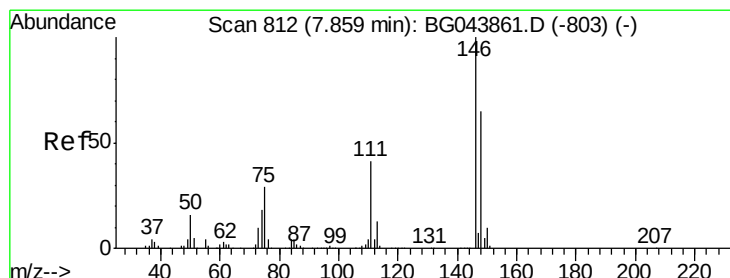
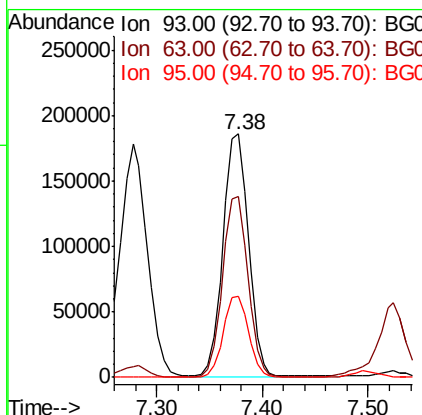
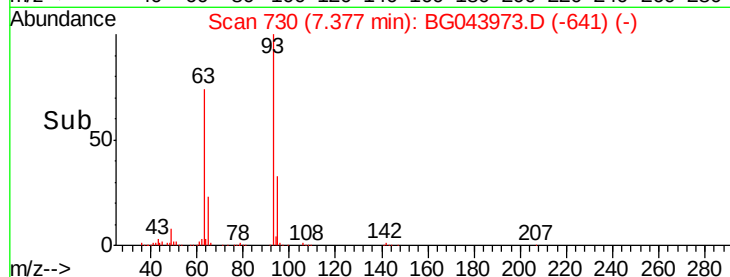
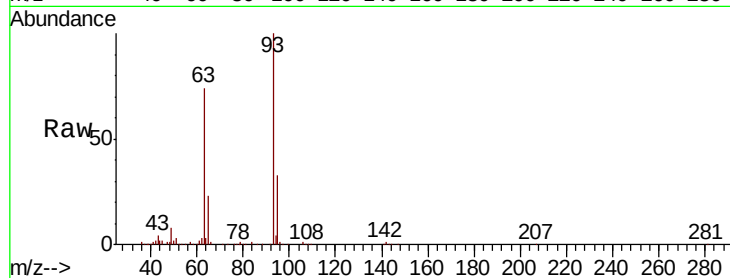
#11
bis(2-Chloroethyl)ether
Concen: 36.946 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.3	55.0	95.0	
95	33.2	13.3	53.3	

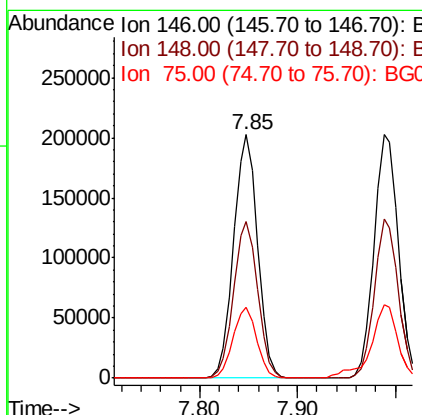
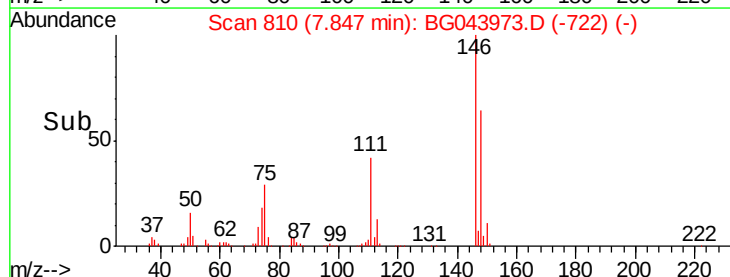
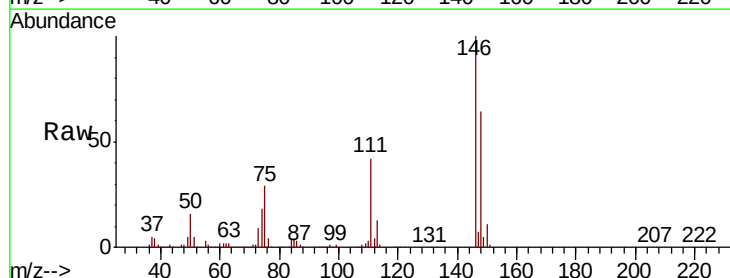
Manual Integrations
APPROVED

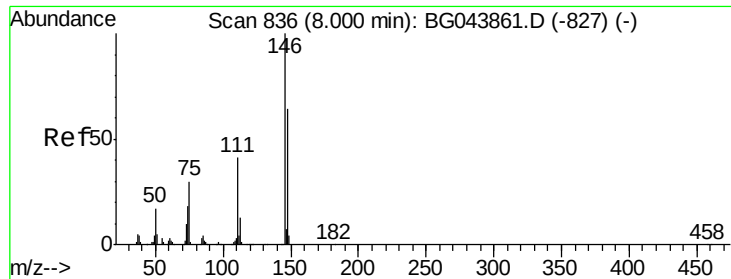
mohammad
1/9/2020 12:10:06 PM



#12
1,3-Dichlorobenzene
Concen: 36.459 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.3	52.1	78.1	
75	29.3	23.0	34.4	





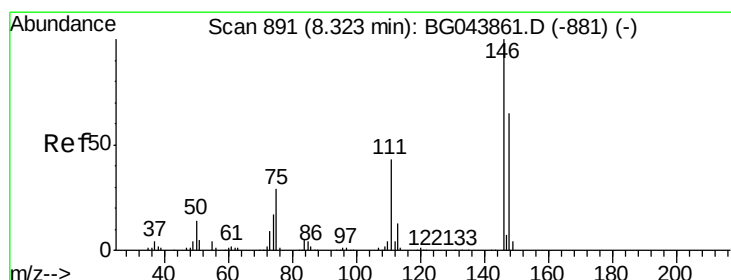
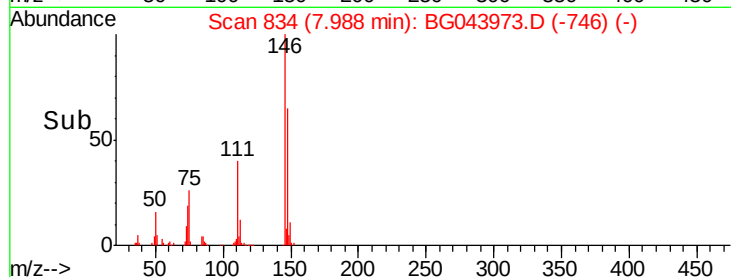
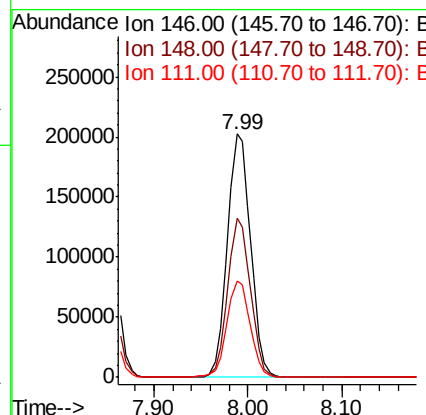
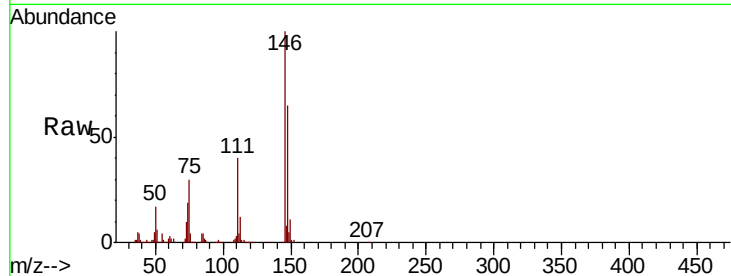
#13
 1,4-Dichlorobenzene
 Concen: 37.399 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Instrument :
 BNA_G
 ClientSampleID :
 PB125951BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
111	39.6	33.1	49.7

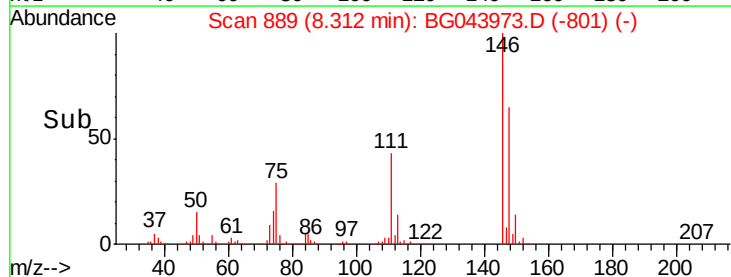
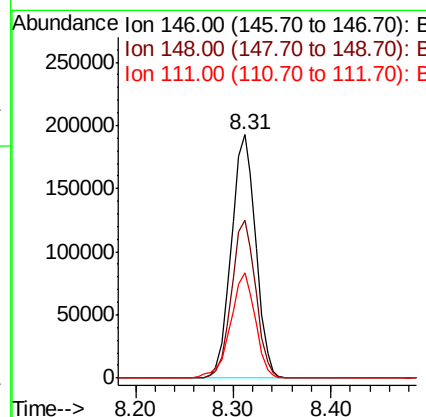
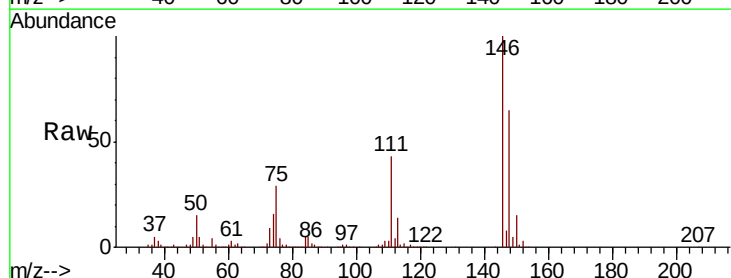
Manual Integrations
 APPROVED

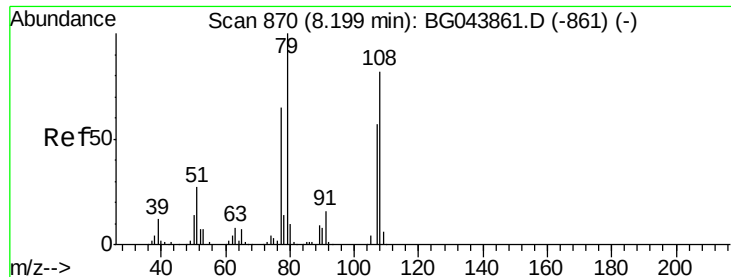
mohammad
 1/9/2020 12:10:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.302 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	43.4	34.4	51.6





#15

Benzyl Alcohol

Concen: 37.924 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

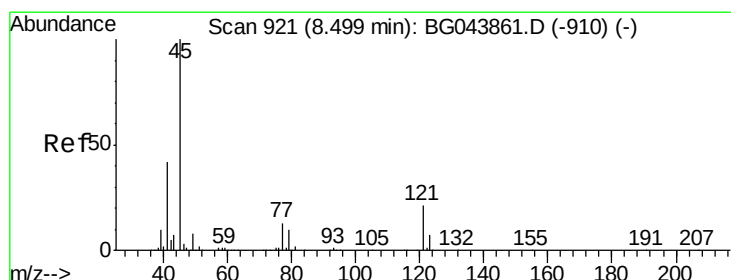
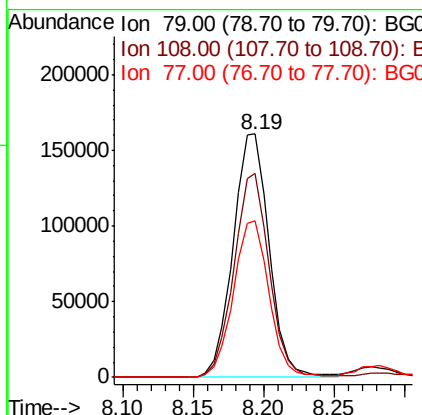
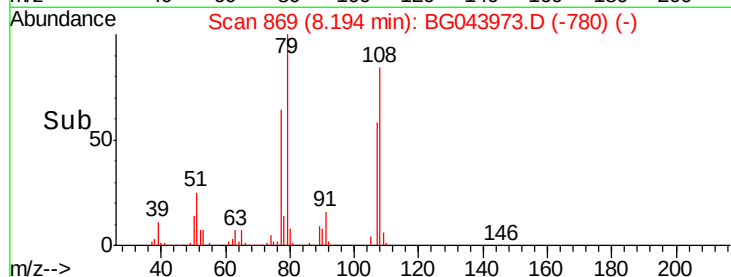
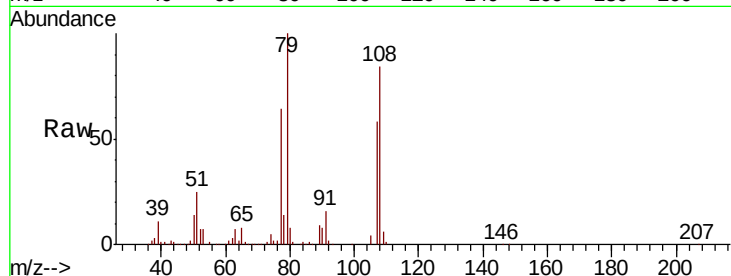
ClientSampleId :

PB125951BS

Tot Ion:	79	Resp:	287069
Ion	Ratio	Lower	Upper
79	100		
108	83.6	65.6	98.4
77	64.1	52.0	78.0

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.591 ng

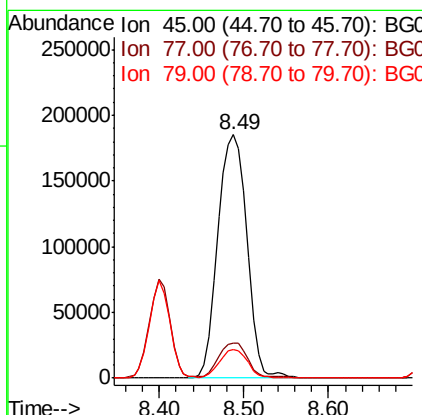
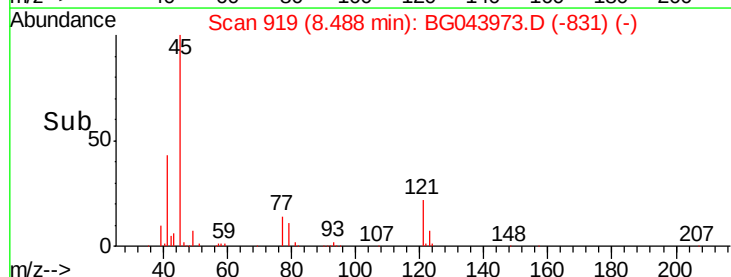
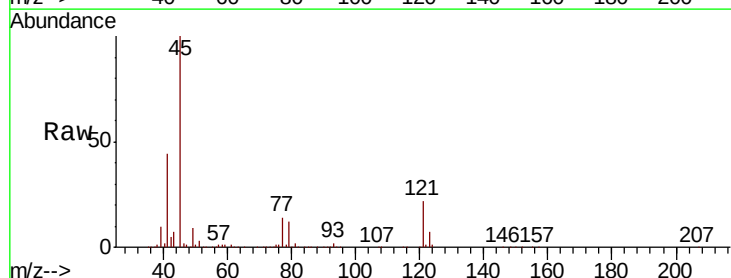
RT: 8.49 min Scan# 919

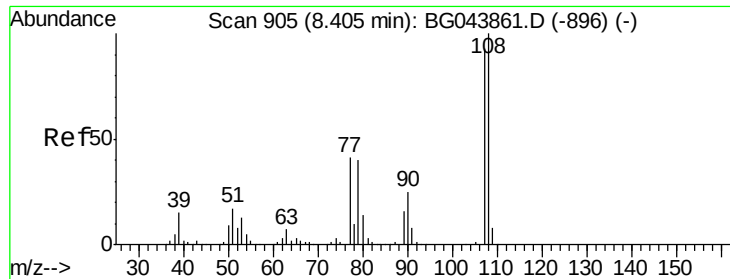
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	45	Resp:	443304
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.8
79	11.6	0.0	31.0





#17

2-Methylphenol

Concen: 39.967 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

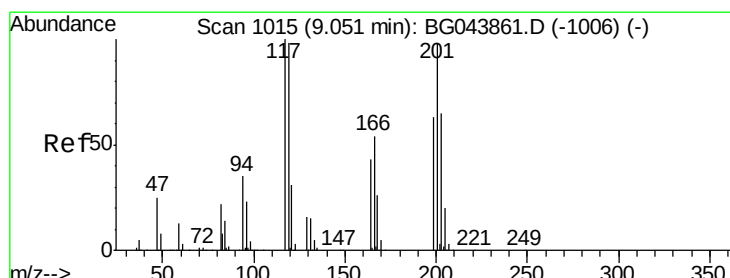
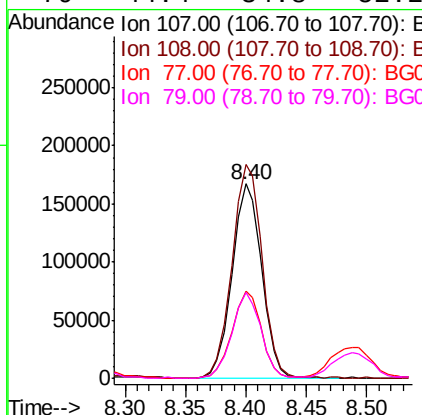
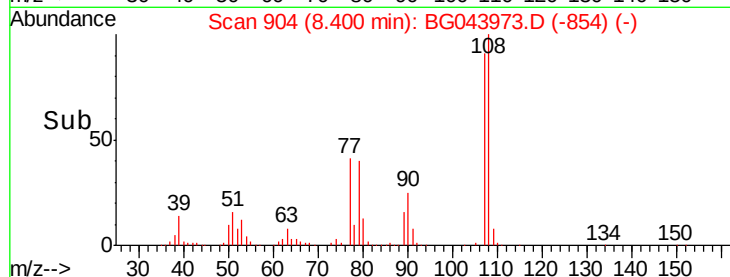
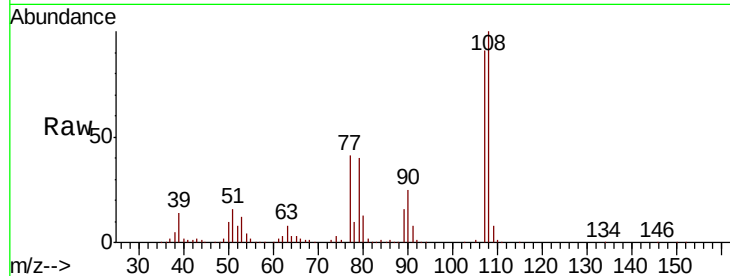
ClientSampleId :

PB125951BS

Tot Ion:	107	Resp:	285811
Ion Ratio	Lower	Upper	
107	100		
108	110.1	86.1	129.1
77	45.1	35.4	53.0
79	44.4	34.8	52.2

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#18

Hexachloroethane

Concen: 35.923 ng

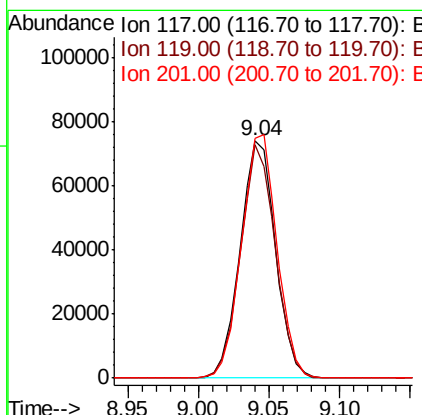
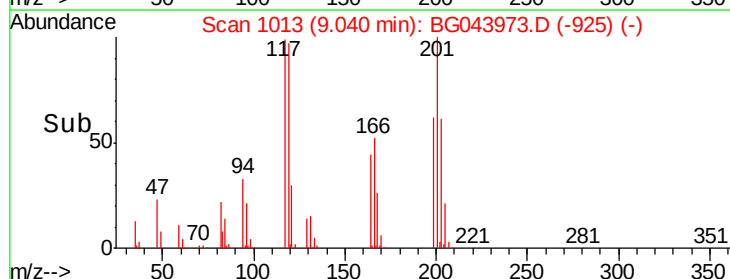
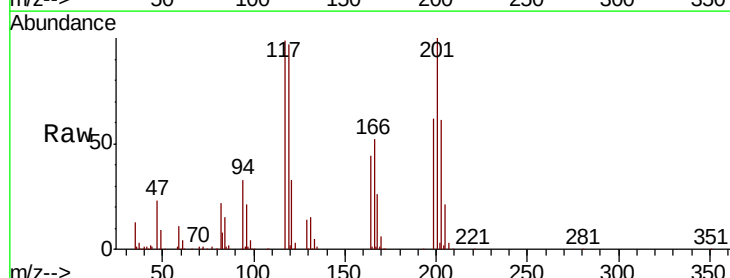
RT: 9.04 min Scan# 1013

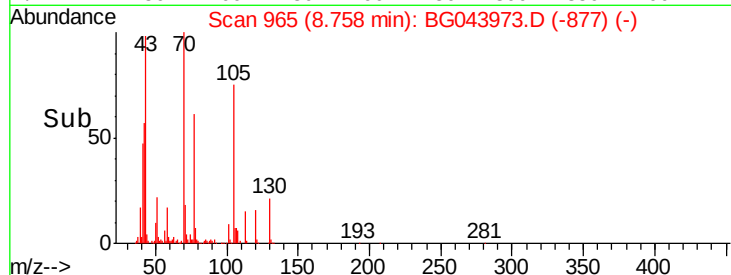
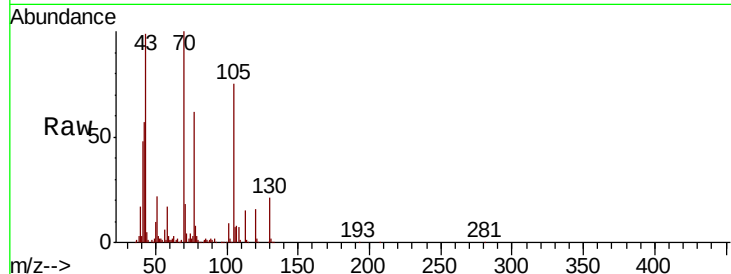
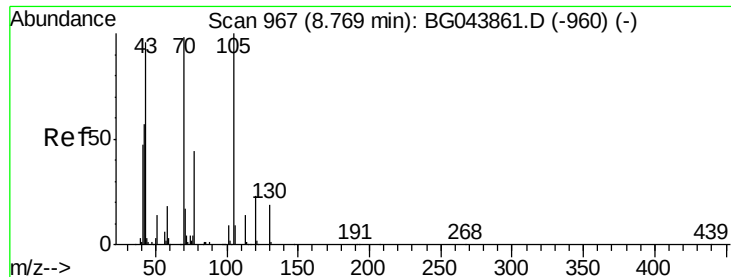
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	117	Resp:	130007
Ion Ratio	Lower	Upper	
117	100		
119	97.9	78.1	117.1
201	100.8	78.6	117.8





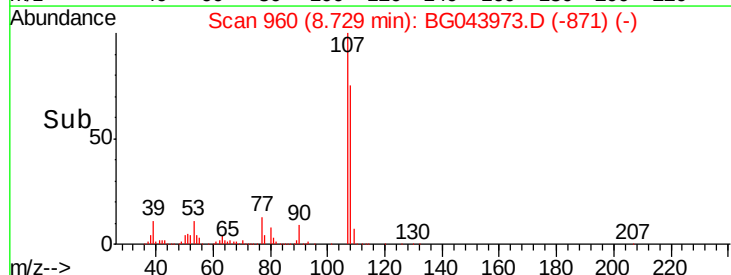
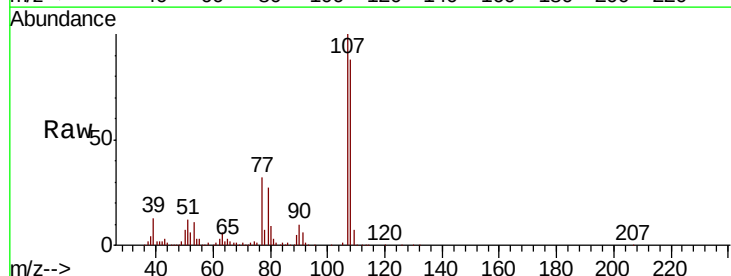
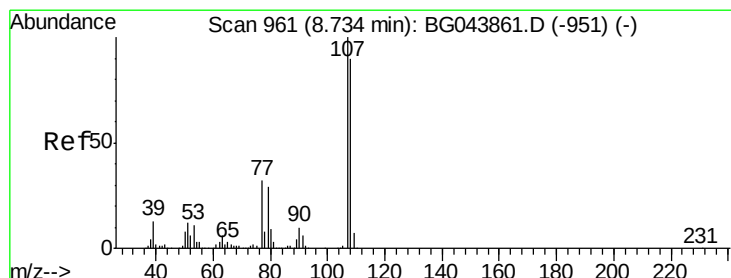
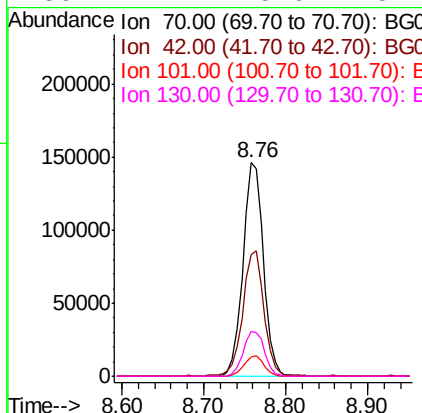
#19
n-Nitroso-di-n-propylamine
Concen: 35.490 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.1	47.0	70.4	
101	9.3	7.2	10.8	
130	21.1	15.6	23.4	

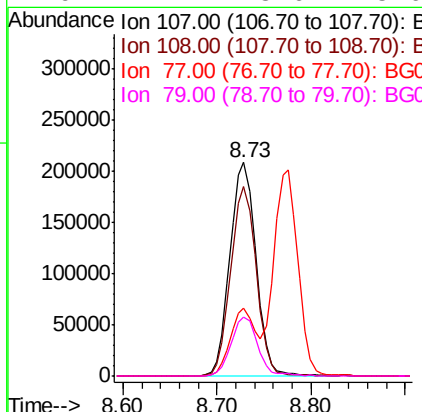
Manual Integrations
APPROVED

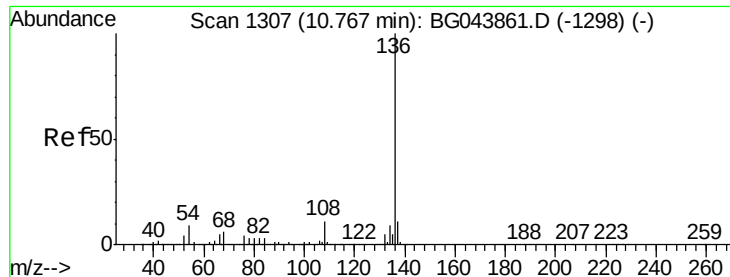
mohammad
1/9/2020 12:10:06 PM



#20
3+4-Methylphenols
Concen: 40.478 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	70.3	110.3	
77	31.6	12.4	52.4	
79	27.4	8.6	48.6	





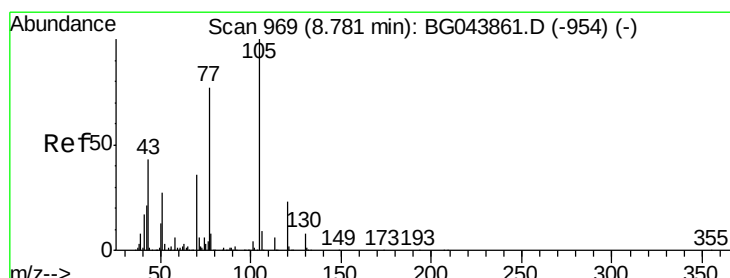
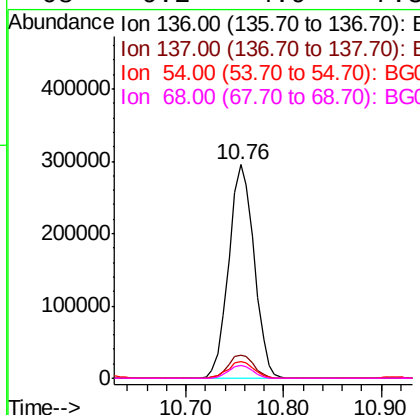
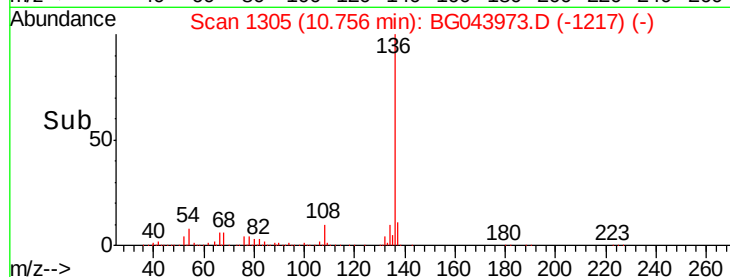
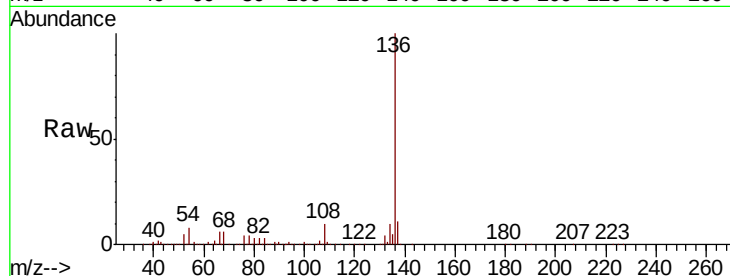
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		532146		
137	11.0	8.8	13.2		
54	8.1	7.0	10.4		
68	6.2	4.9	7.3		

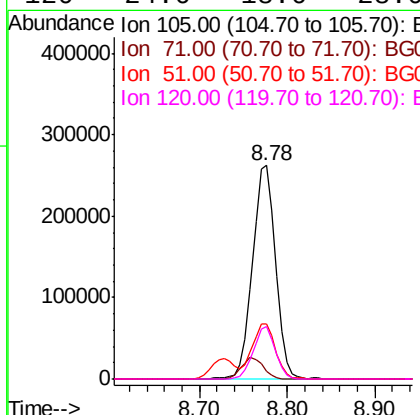
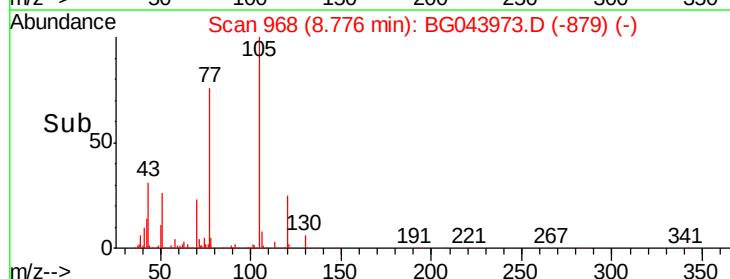
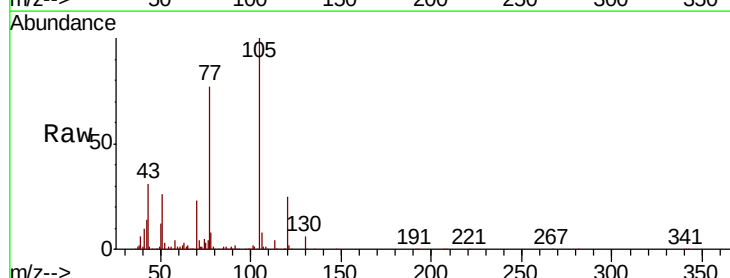
Manual Integrations
APPROVED

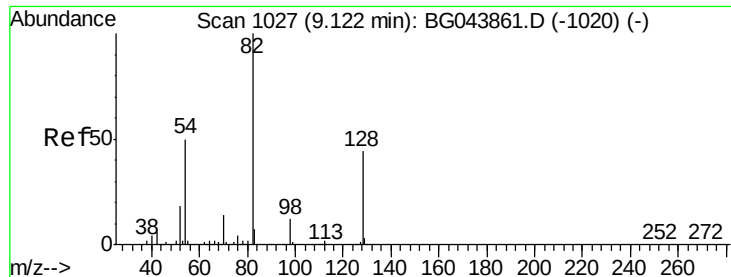
mohammad
1/9/2020 12:10:06 PM



#22
Acetophenone
Concen: 35.498 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		469624		
71	3.9	4.8	7.2#		
51	25.9	21.4	32.0		
120	24.6	18.6	28.0		





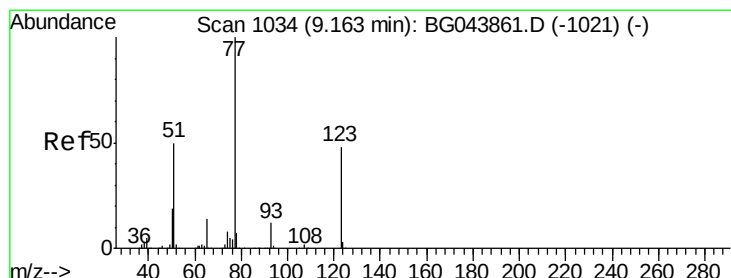
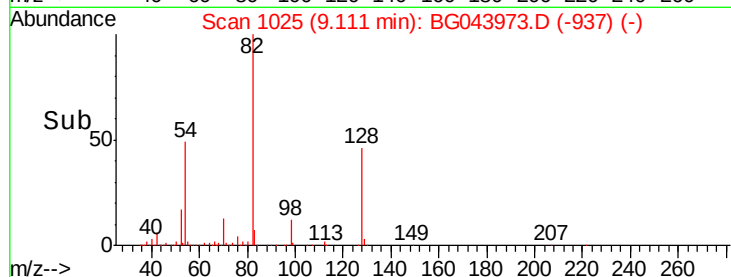
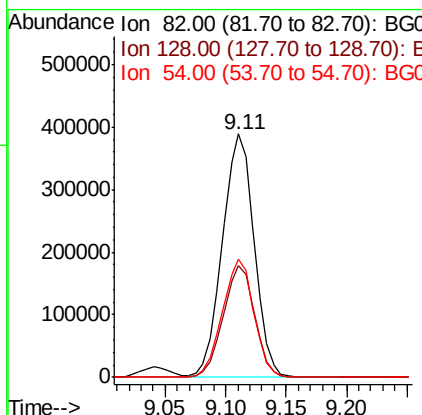
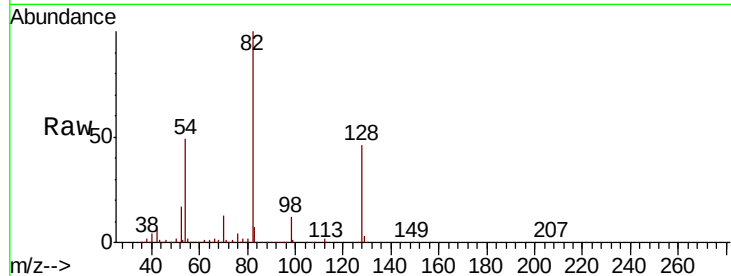
#23
Nitrobenzene-d5
Concen: 71.048 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampled :
PB125951BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.1	52.7
54	48.6	40.1	60.1

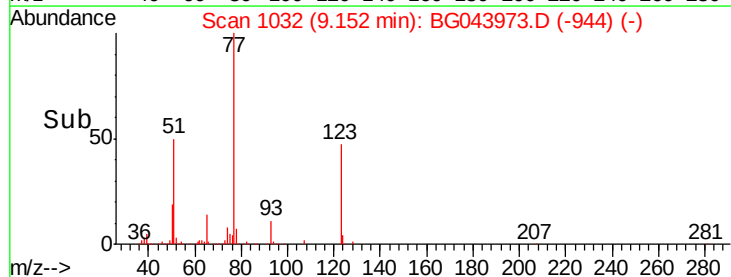
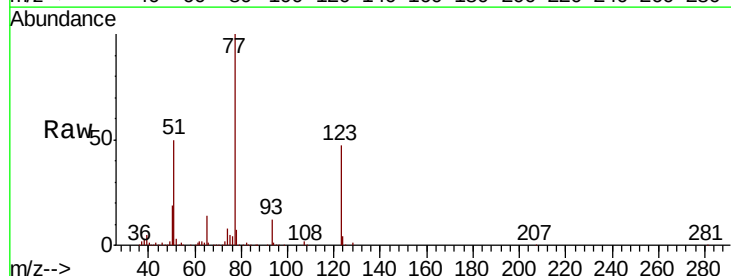
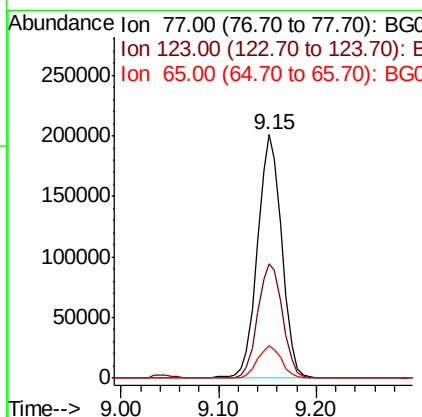
Manual Integrations
APPROVED

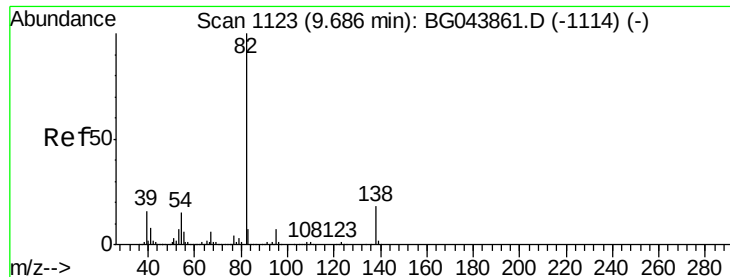
mohammad
1/9/2020 12:10:06 PM



#24
Nitrobenzene
Concen: 35.520 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.7	58.1
65	13.5	11.1	16.7





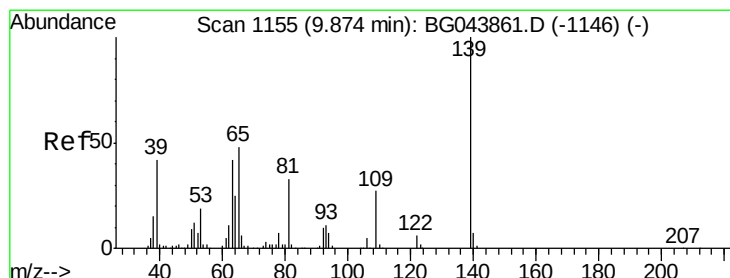
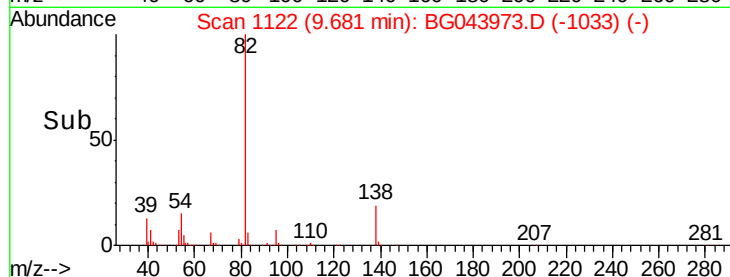
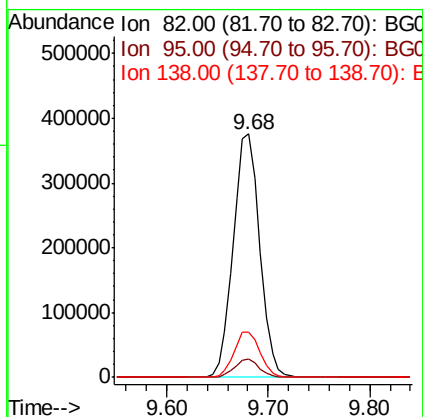
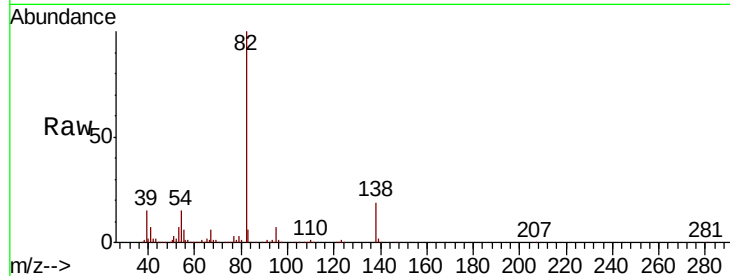
#25
Isophorone
Concen: 36.490 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	18.7	14.6	22.0

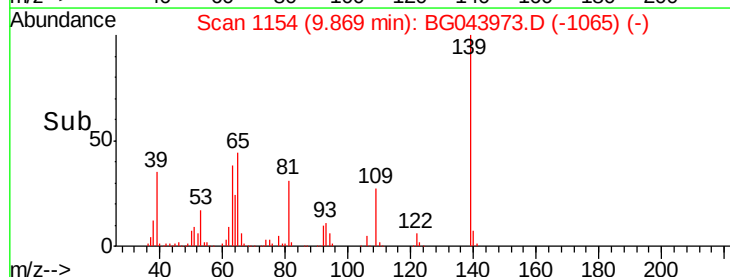
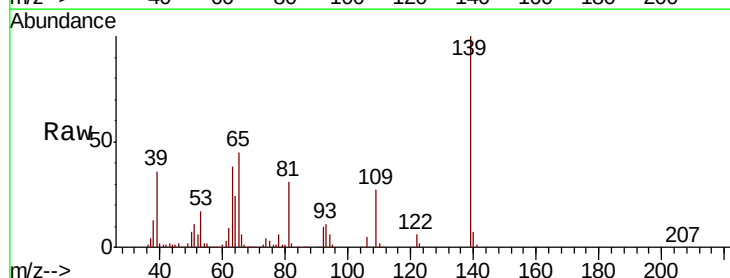
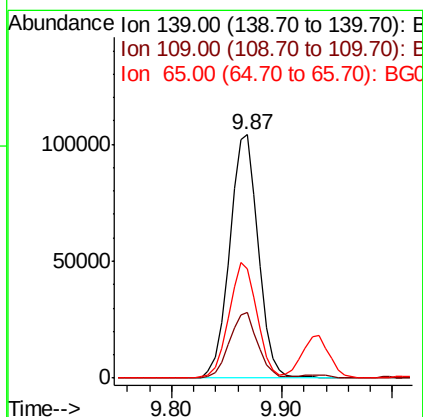
Manual Integrations
APPROVED

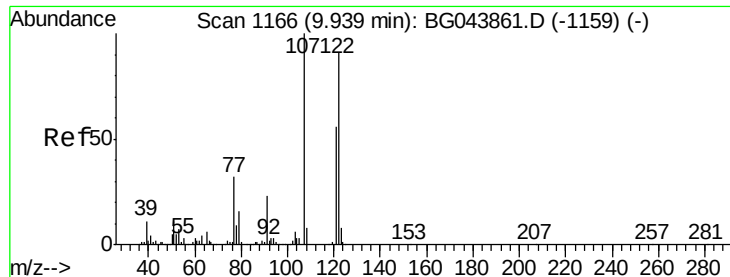
mohammad
1/9/2020 12:10:06 PM



#26
2-Nitrophenol
Concen: 40.574 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.9	21.3	31.9
65	44.6	38.6	57.8





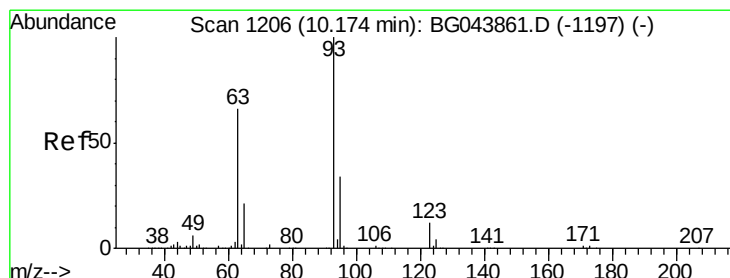
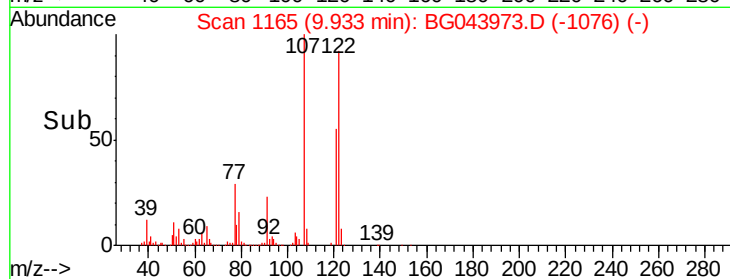
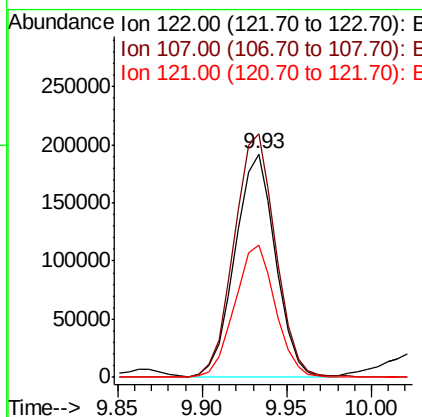
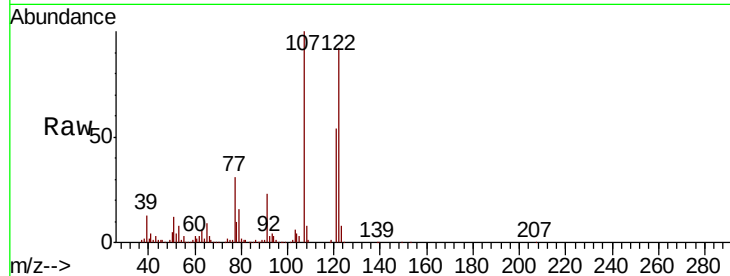
#27
 2,4-Dimethylphenol
 Concen: 45.413 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	318642		
107	109.1	88.0	132.0	
121	59.4	49.0	73.4	

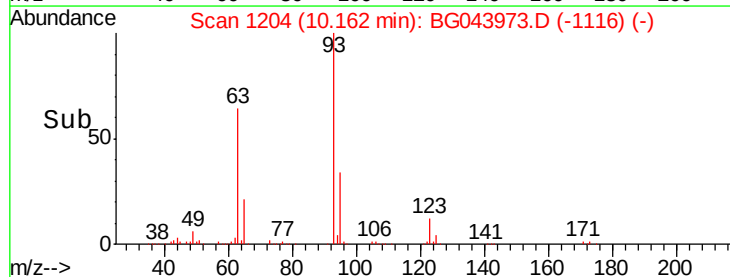
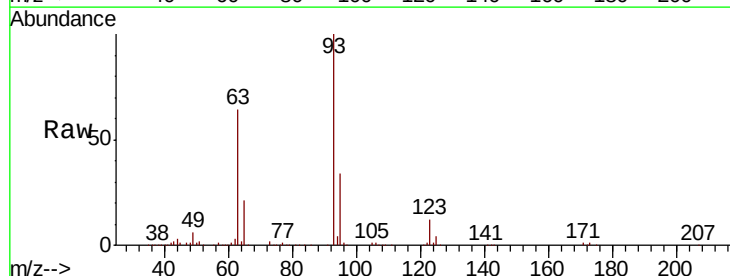
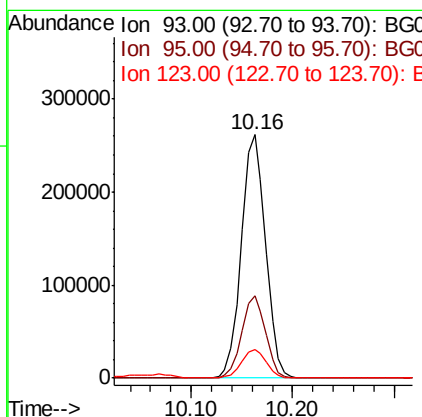
Manual Integrations
 APPROVED

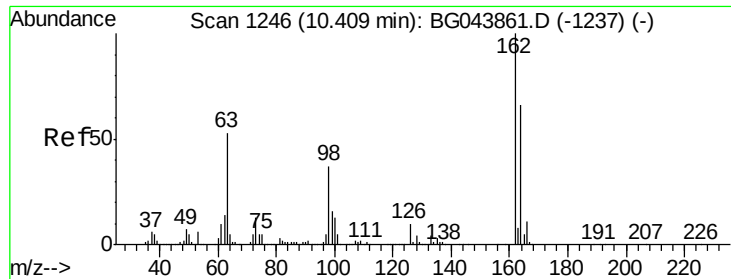
mohammad
 1/9/2020 12:10:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.830 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	433348		
95	33.7	27.2	40.8	
123	11.8	9.7	14.5	





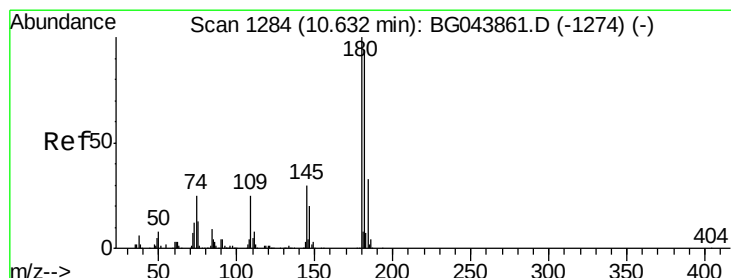
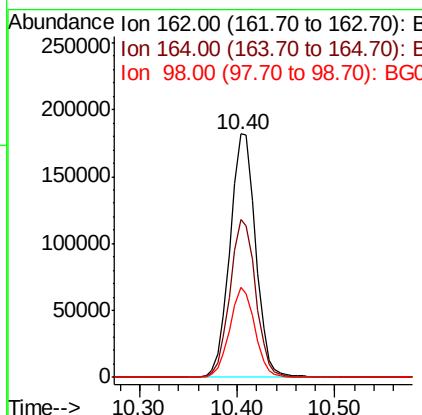
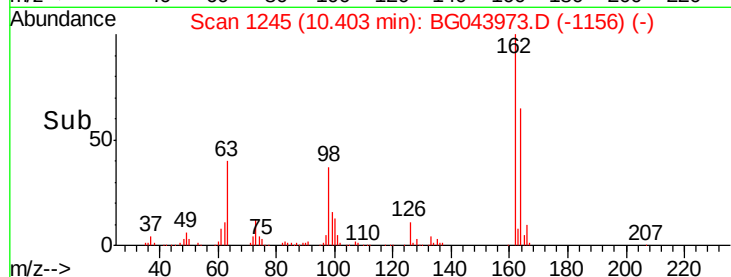
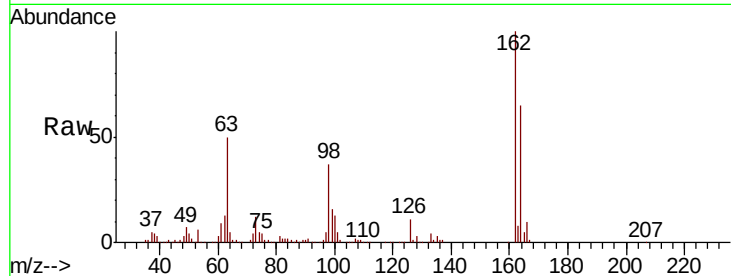
#29
 2,4-Dichlorophenol
 Concen: 39.776 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Instrument :
 BNA_G
 ClientSampleID :
 PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332903		
164	64.9	46.3	86.3	
98	36.8	17.3	57.3	

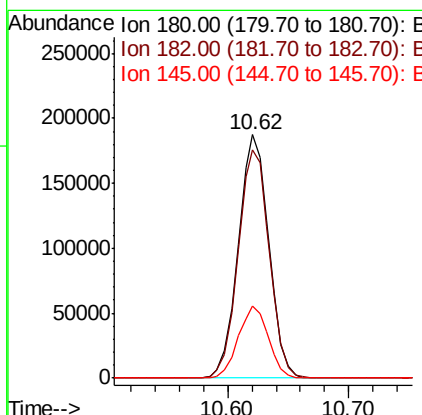
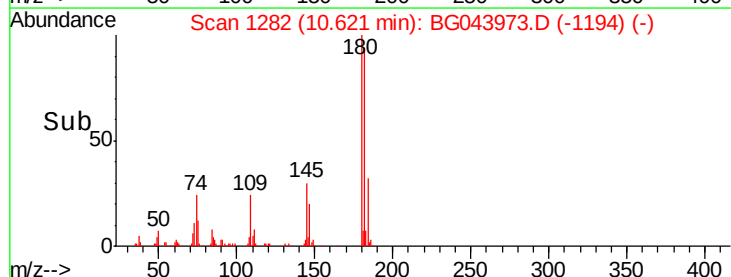
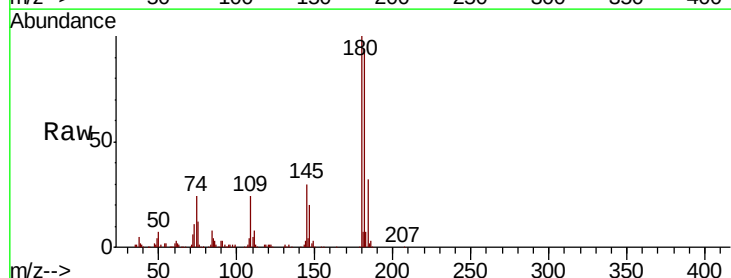
Manual Integrations
 APPROVED

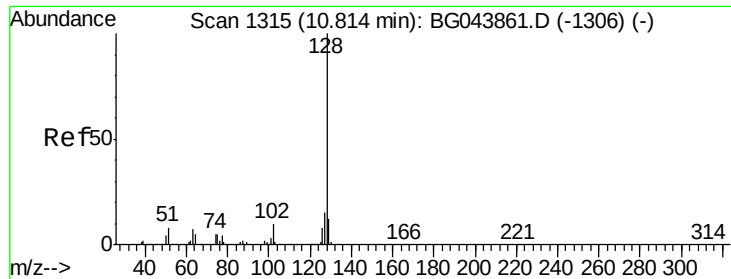
mohammad
 1/9/2020 12:10:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.064 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329050		
182	93.8	75.0	112.4	
145	29.8	24.2	36.4	





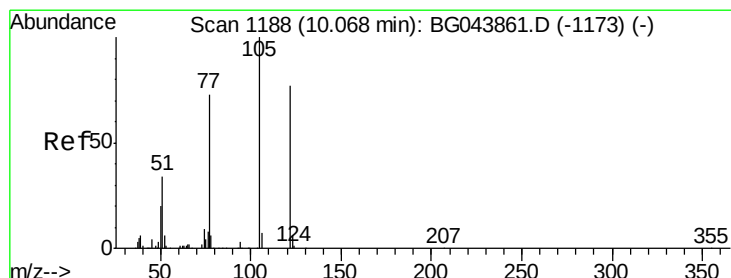
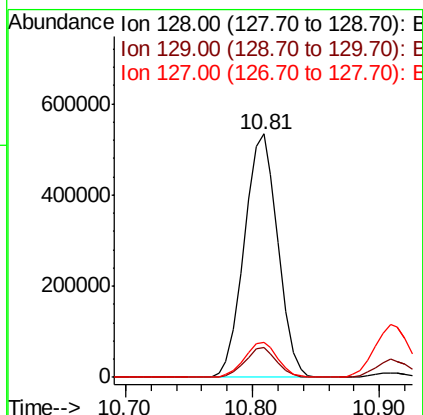
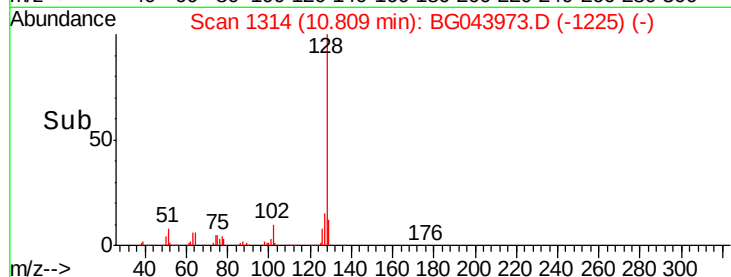
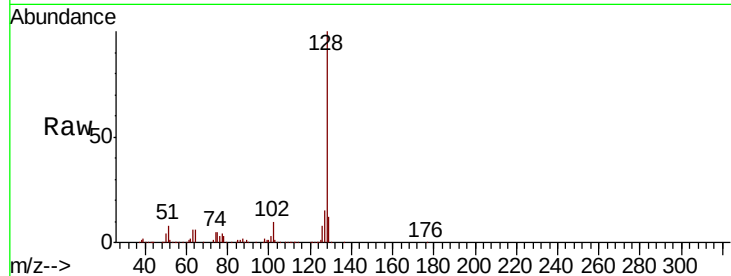
#31
Naphthalene
Concen: 37.929 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.6	12.0	18.0

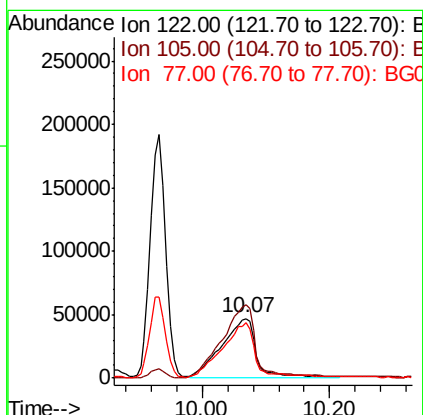
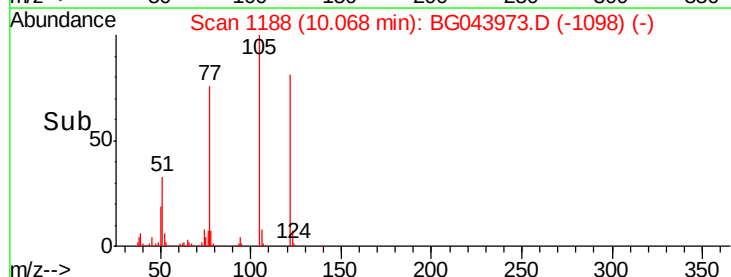
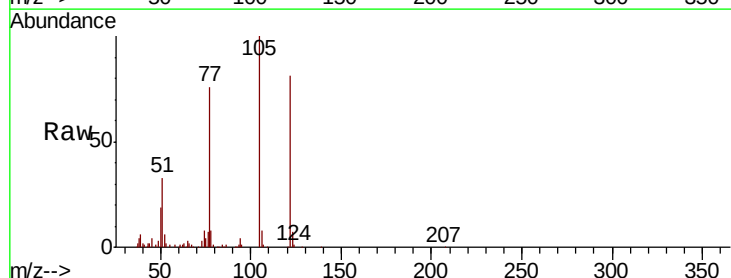
Manual Integrations
APPROVED

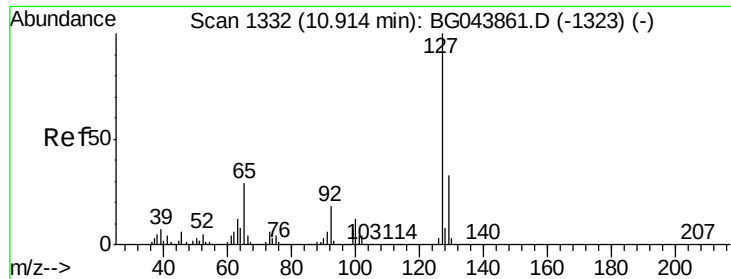
mohammad
1/9/2020 12:10:06 PM



#32
Benzoic acid
Concen: 32.986 ng m
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	106.4	146.4
77	93.5	74.6	114.6





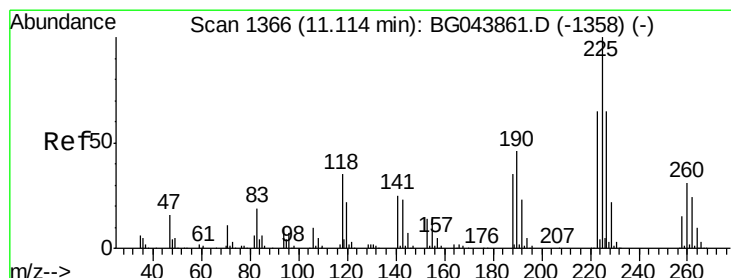
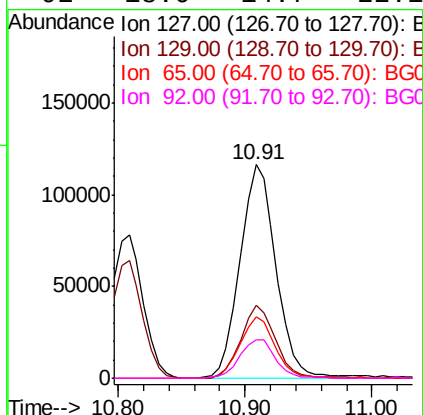
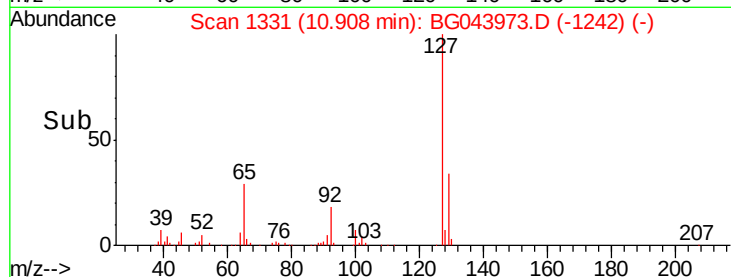
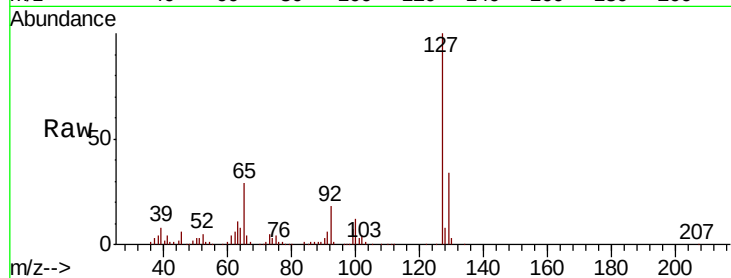
#33
4-Chloroaniline
Concen: 18.464 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	28.8	23.3	34.9
92	18.0	14.7	22.1

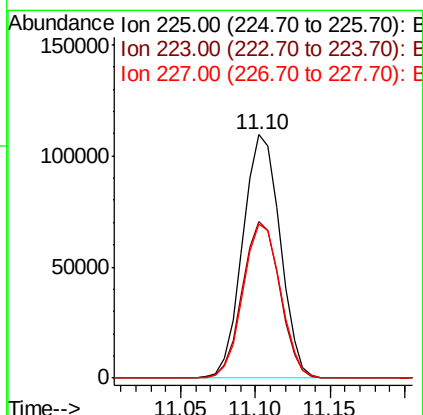
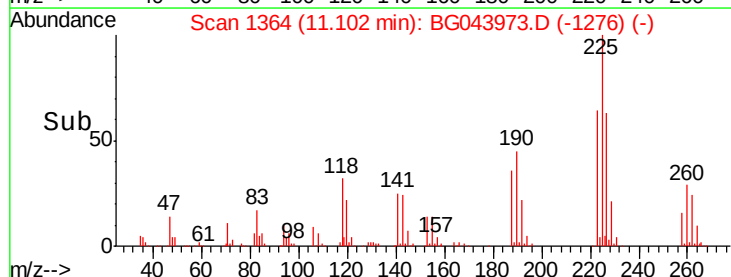
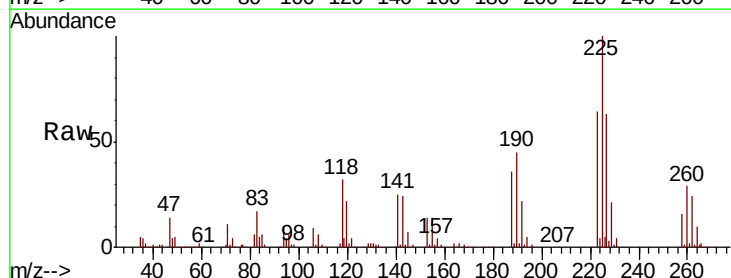
Manual Integrations
APPROVED

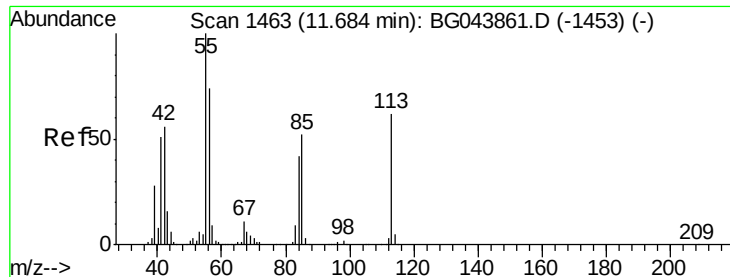
mohammad
1/9/2020 12:10:06 PM



#34
Hexachlorobutadiene
Concen: 33.130 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.4
227	63.1	52.1	78.1





#35

Caprolactam

Concen: 38.122 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

ClientSampleId :

PB125951BS

Tot Ion:113 Resp: 118776

Ion Ratio Lower Upper

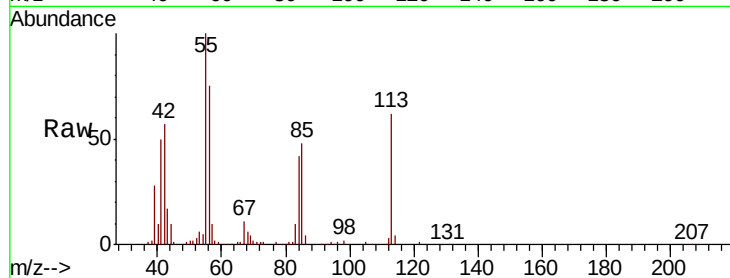
113 100

55 161.4 142.5 182.5

56 120.6 101.4 141.4

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

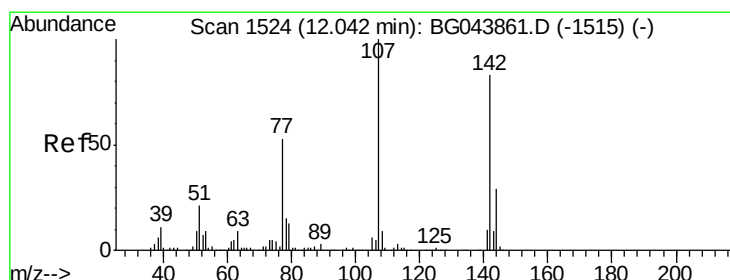
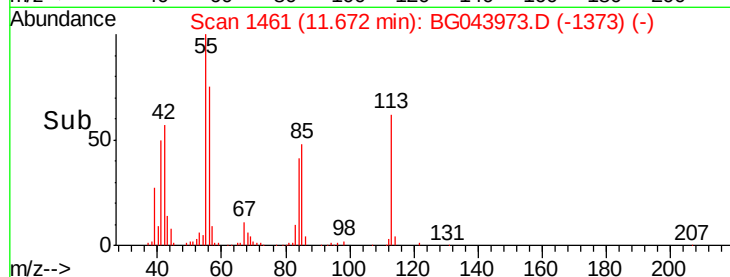
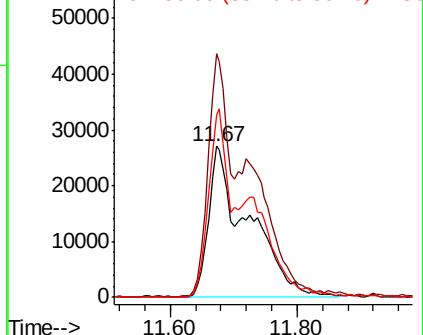


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.702 ng/mL

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

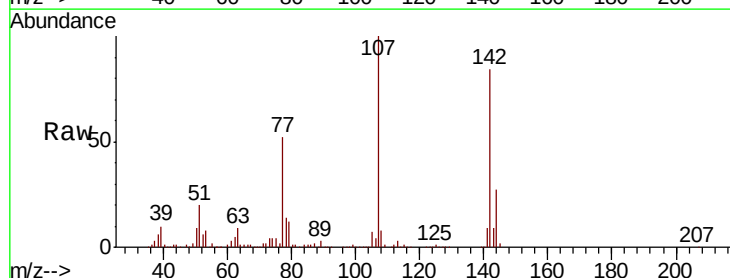
Tgt Ion:107 Resp: 353741

Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

142 84.0 66.3 99.5

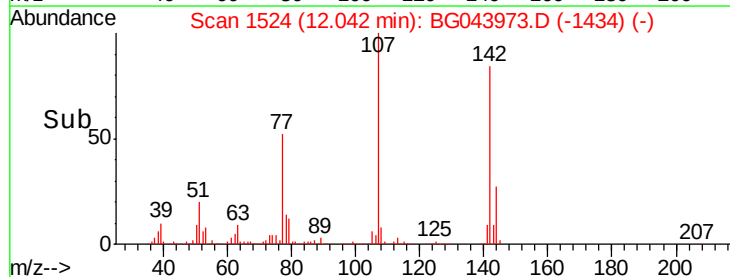
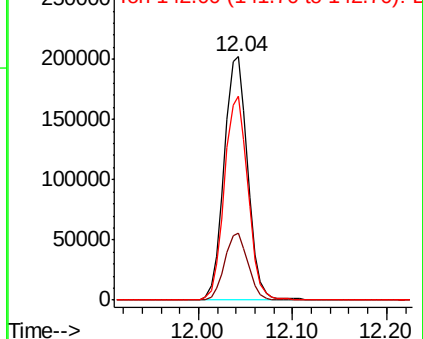


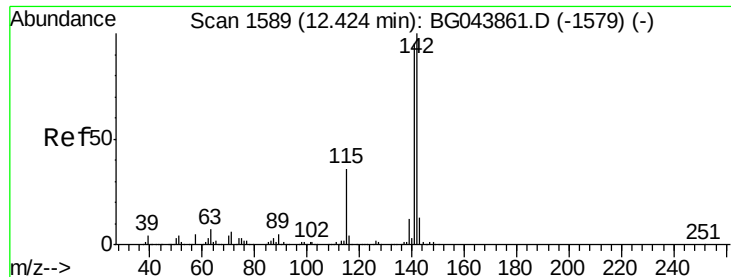
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





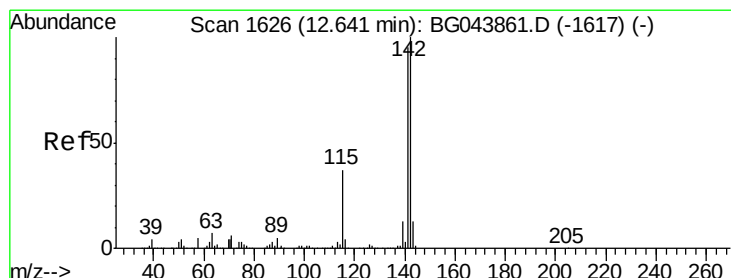
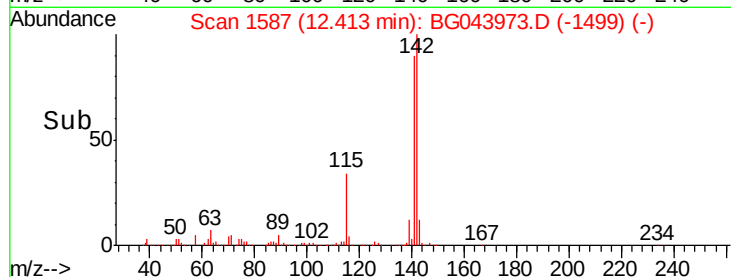
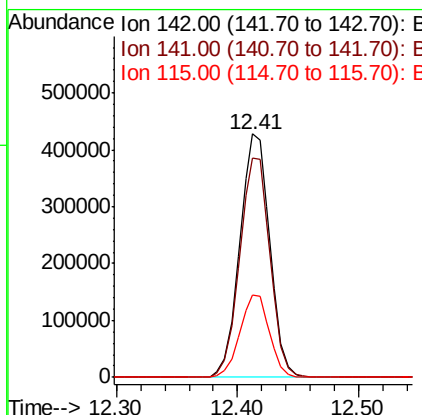
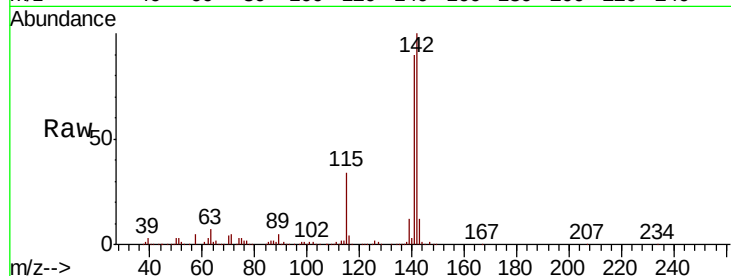
#37
2-Methylnaphthalene
Concen: 38.079 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampled :
PB125951BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.8	113.8
115	33.9	28.6	42.8

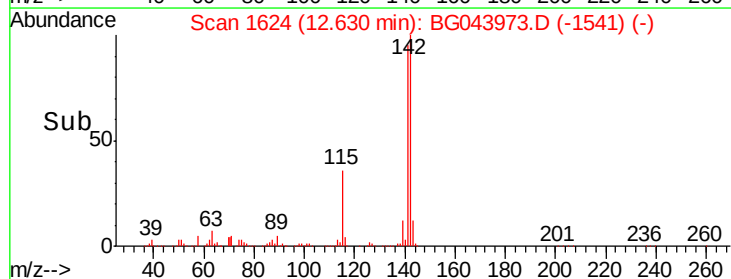
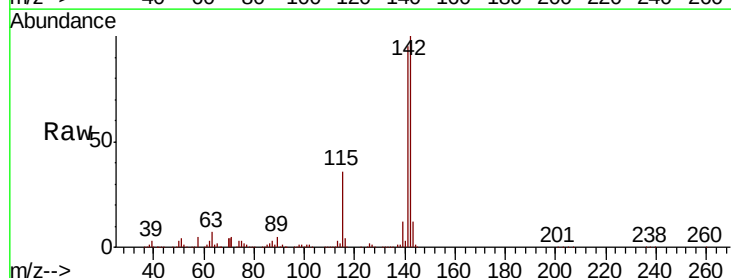
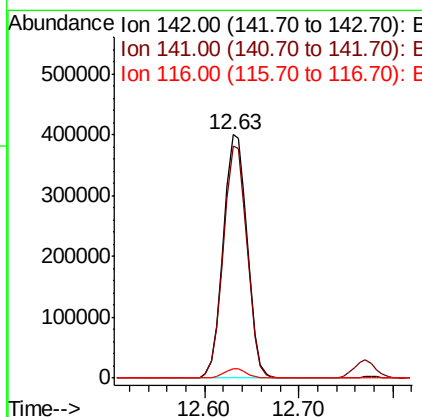
Manual Integrations
APPROVED

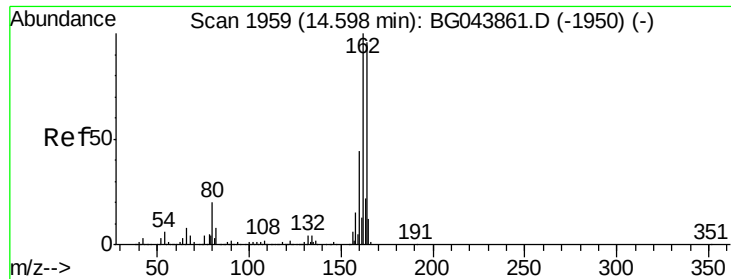
mohammad
1/9/2020 12:10:06 PM



#38
1-Methylnaphthalene
Concen: 38.374 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

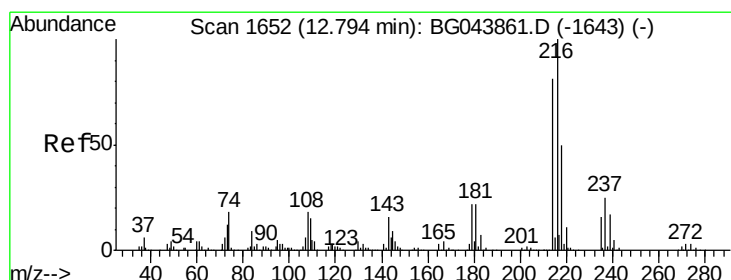
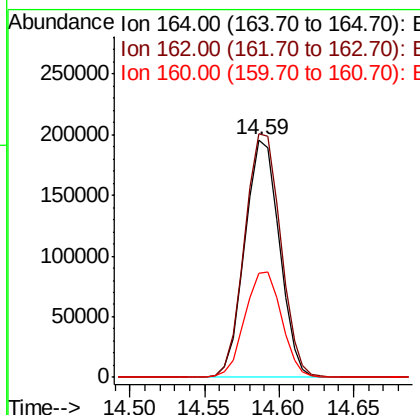
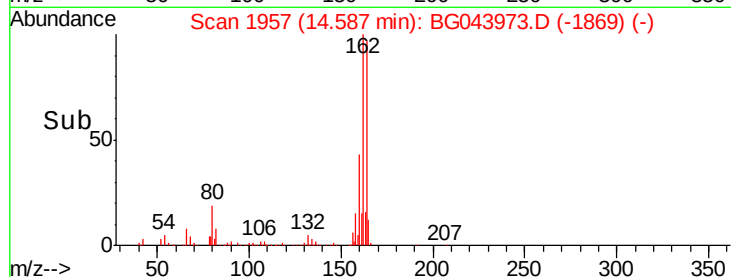
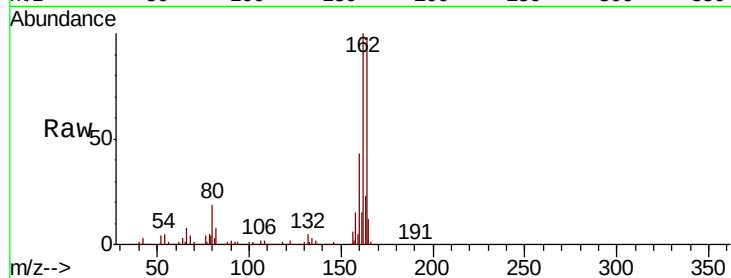
ClientSampled :

PB125951BS

Tot Ion:	164	Resp:	313470
Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	44.0	36.1	54.1

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.352 ng

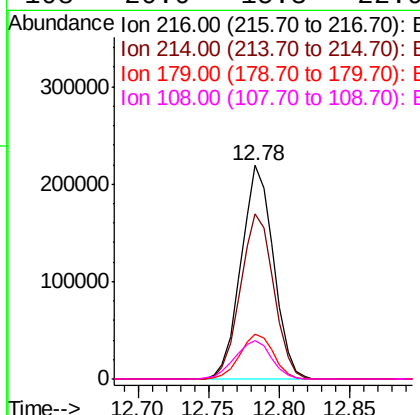
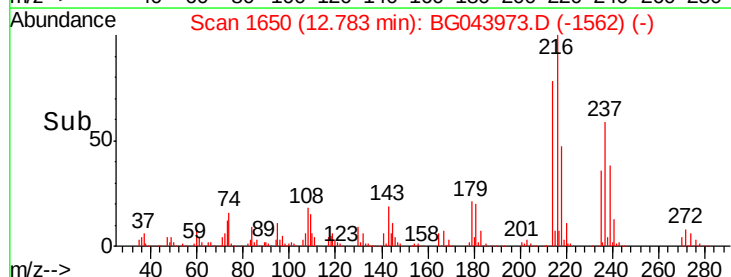
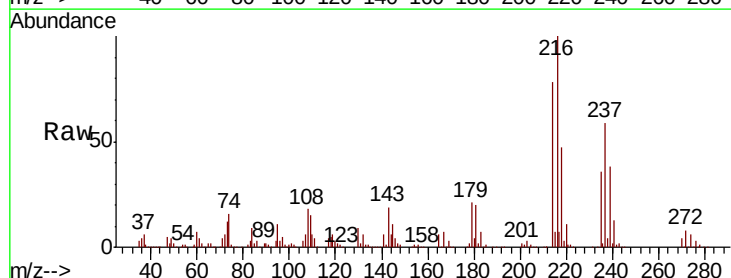
RT: 12.78 min Scan# 1650

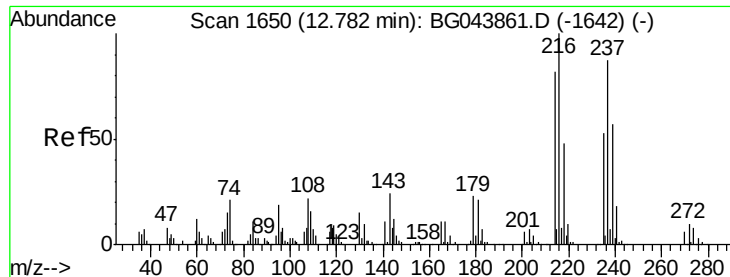
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	216	Resp:	352370
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	21.6	17.3	25.9
108	20.0	15.3	22.9





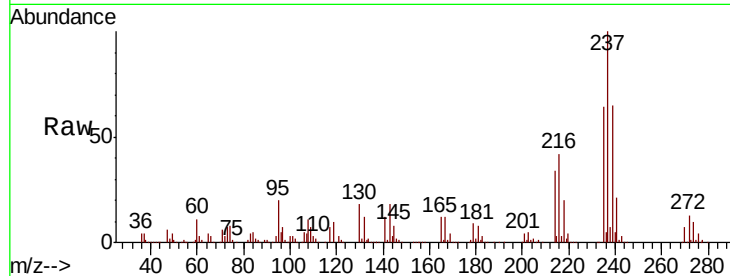
#41
Hexachlorocyclopentadiene
Concen: 79.098 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	376768		
235	64.0		41.1	81.1
272	12.7		0.0	31.7

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

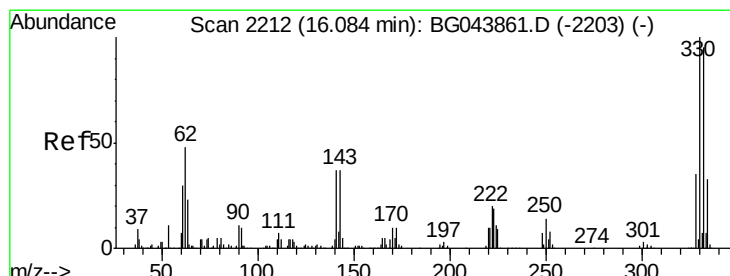
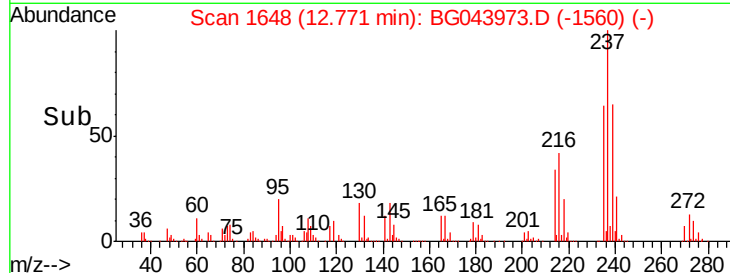
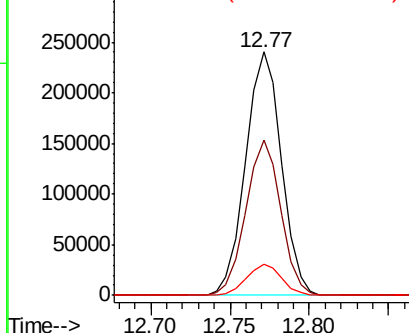


Abundance

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: 130.462 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

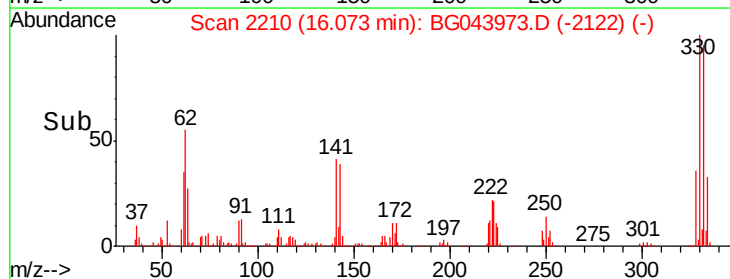
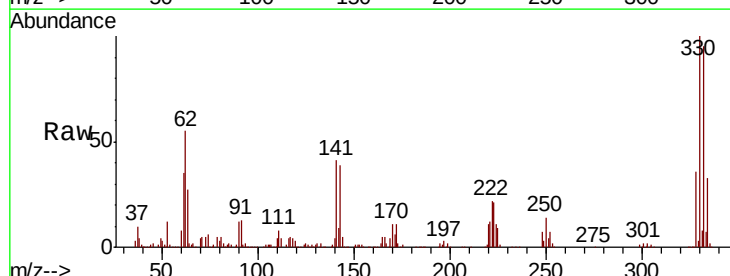
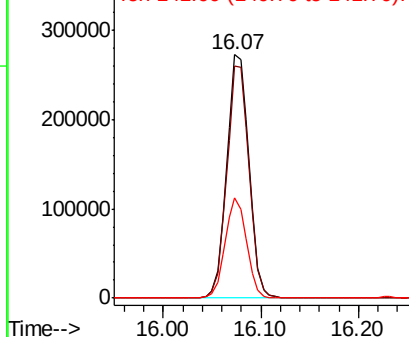
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	427968		
332	95.7		77.2	115.8
141	39.9		33.1	49.7

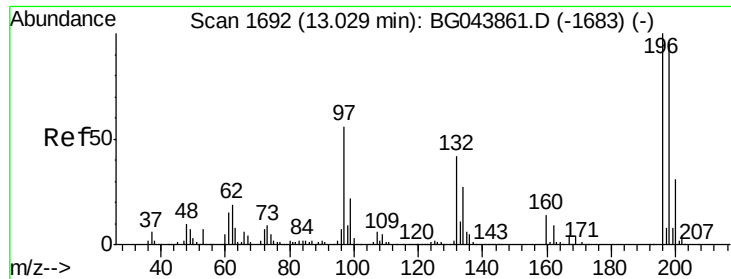
Abundance

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





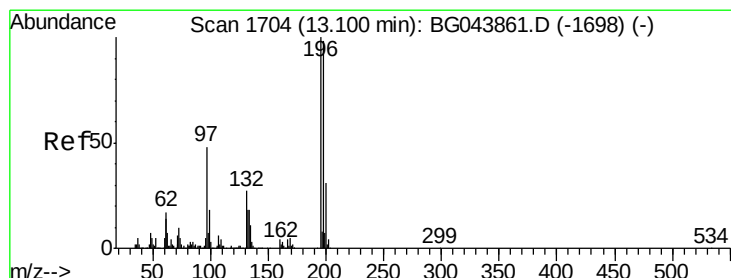
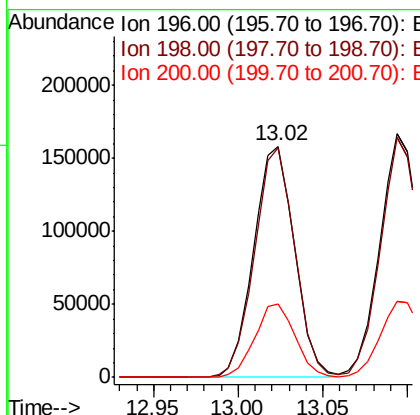
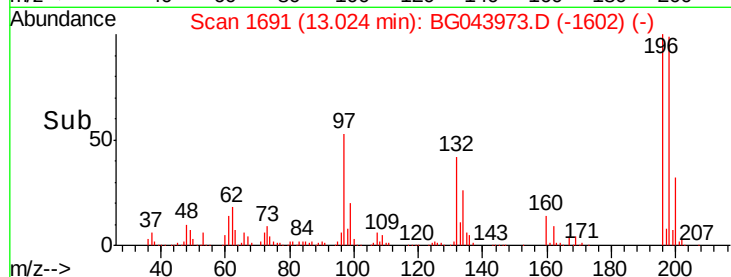
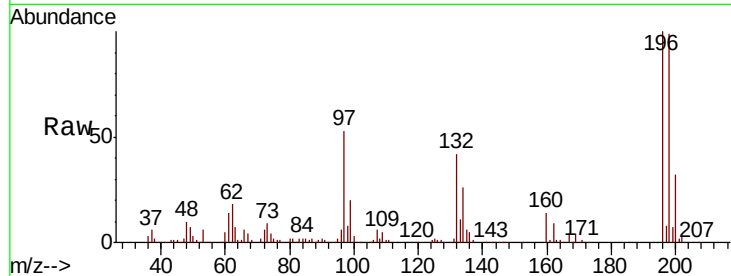
#43
 2,4,6-Trichlorophenol
 Concen: 41.994 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265484		
198	99.3	76.6	115.0	
200	31.6	24.6	37.0	

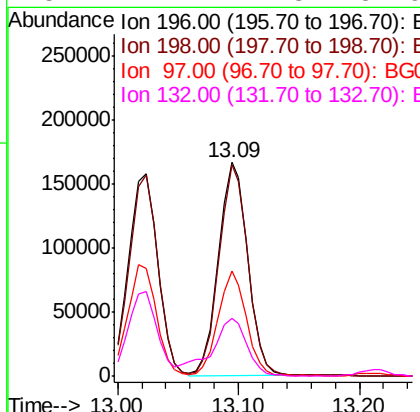
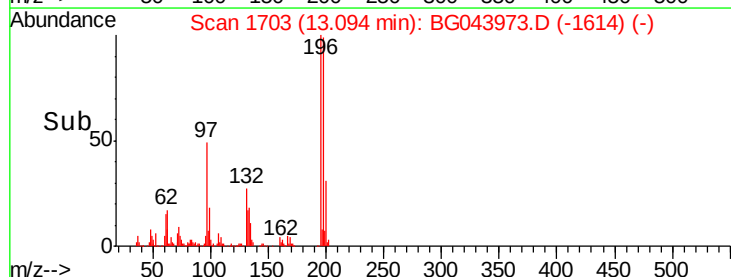
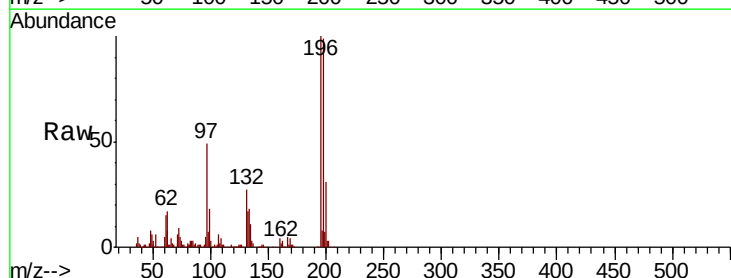
Manual Integrations
 APPROVED

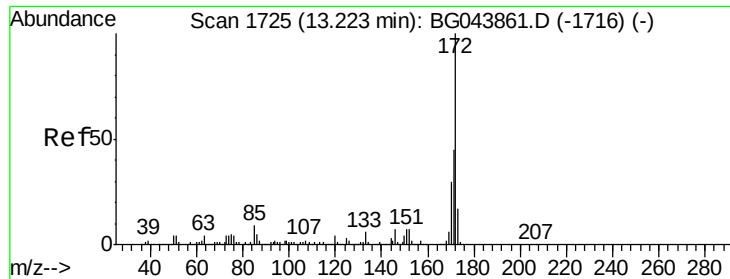
mohammad
 1/9/2020 12:10:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.725 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278584		
198	98.7	78.3	117.5	
97	49.3	38.8	58.2	
132	27.1	21.3	31.9	





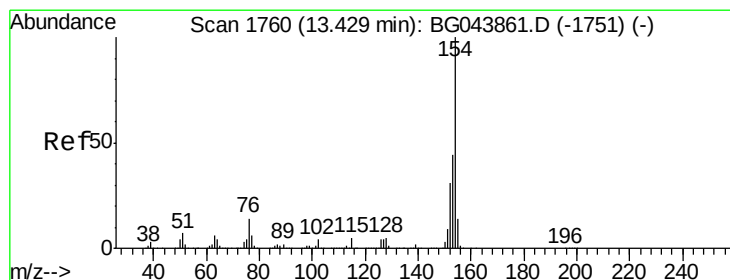
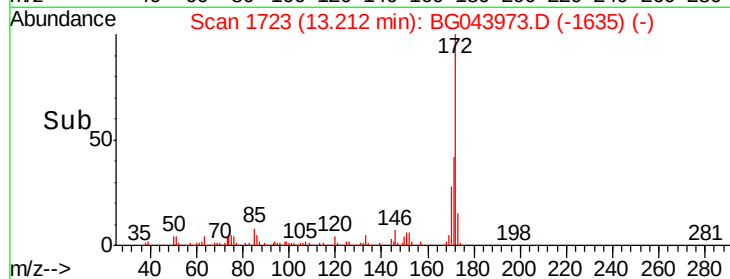
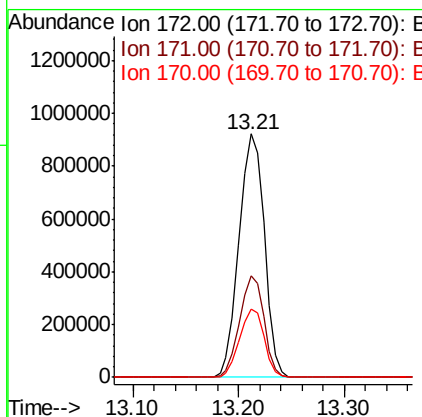
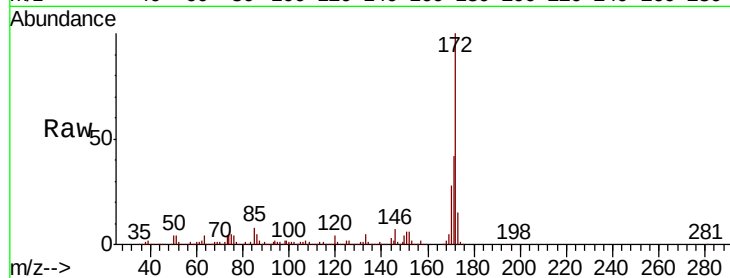
#45
2-Fluorobiphenyl
Concen: 88.241 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.0	35.8	53.8
170	28.2	24.2	36.4

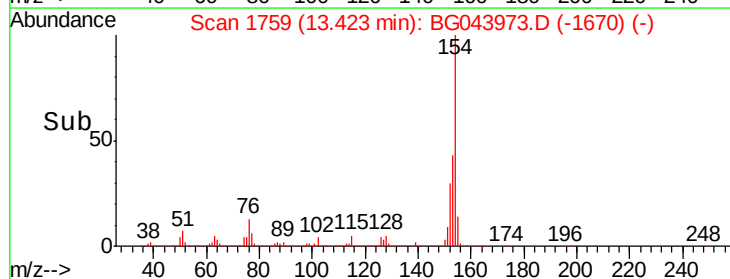
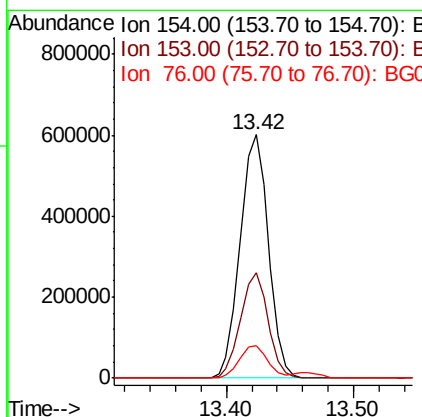
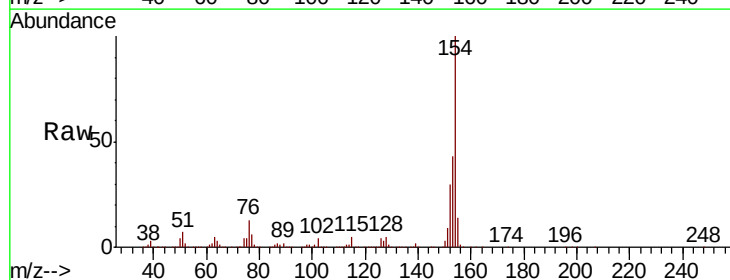
Manual Integrations
APPROVED

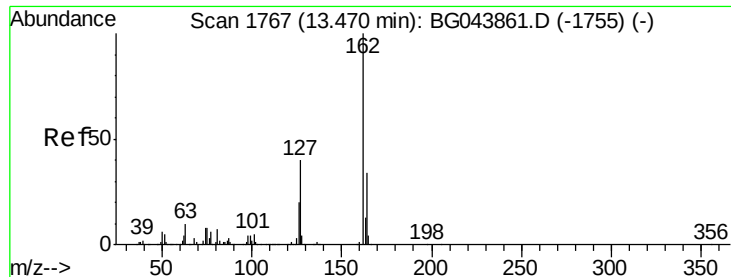
mohammad
1/9/2020 12:10:06 PM



#46
1,1'-Biphenyl
Concen: 41.319 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	13.4	0.0	34.4





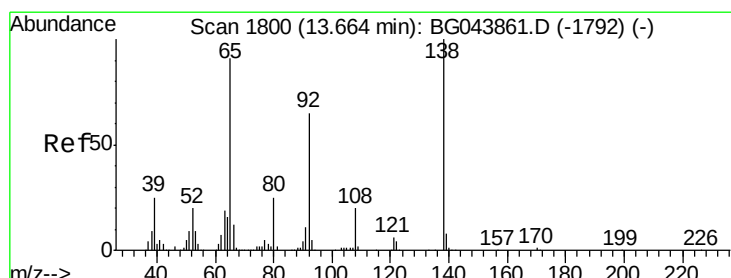
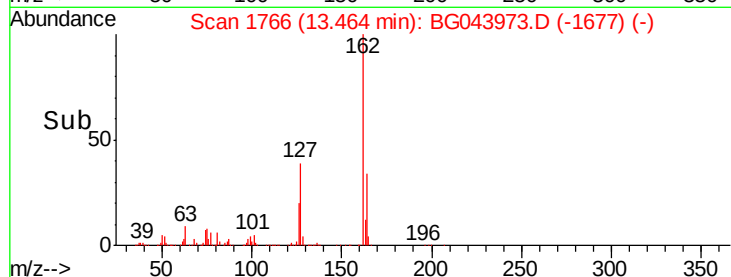
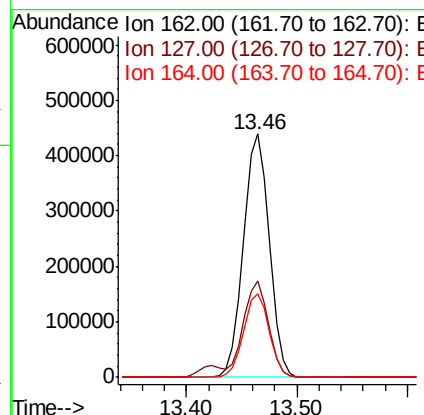
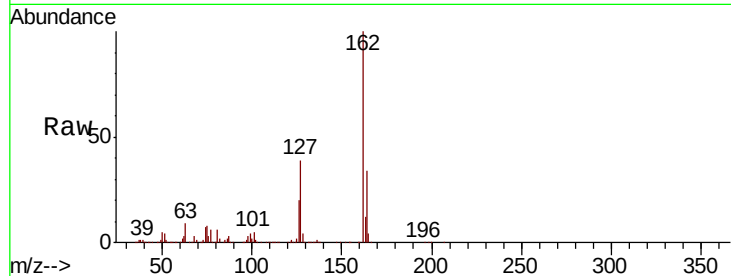
#47
2-Chloronaphthalene
Concen: 39.923 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.5	32.1	48.1
164	34.2	27.5	41.3

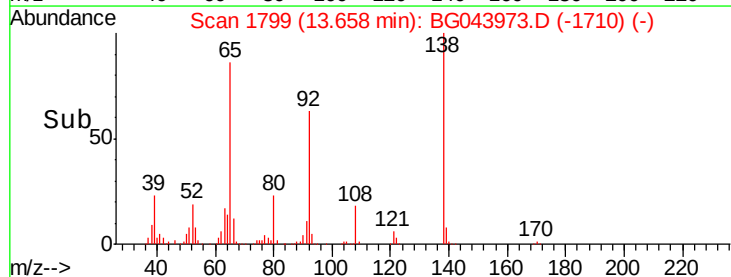
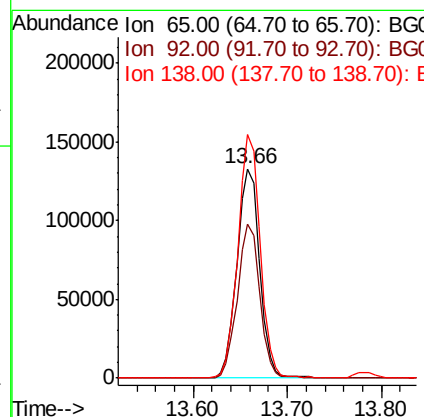
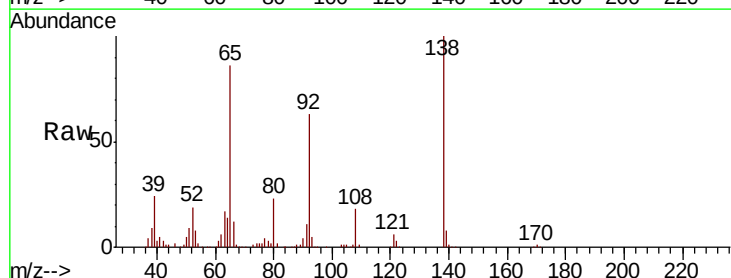
Manual Integrations
APPROVED

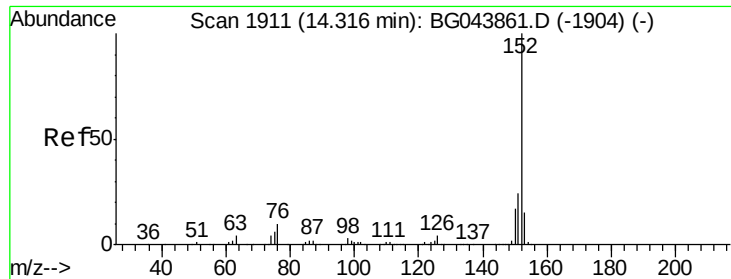
mohammad
1/9/2020 12:10:06 PM



#48
2-Nitroaniline
Concen: 38.349 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.7	57.4	86.2
138	116.1	88.2	132.4





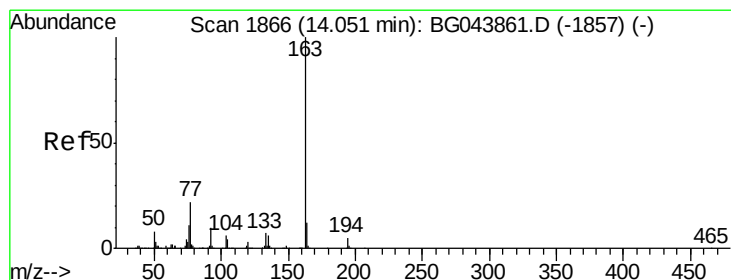
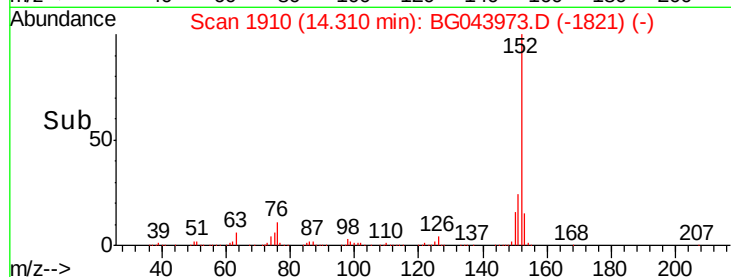
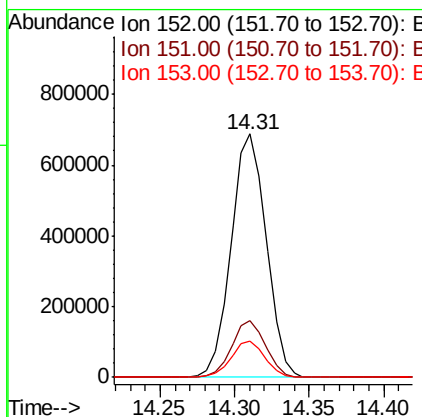
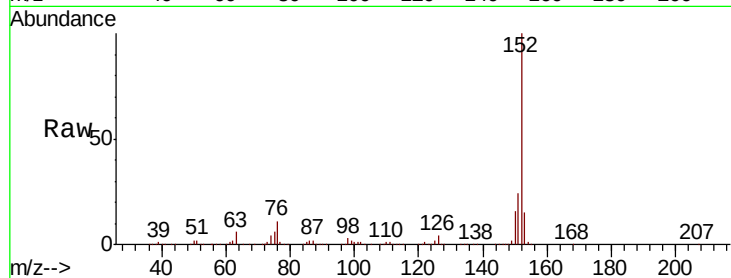
#49
Acenaphthylene
Concen: 43.179 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.5	19.4	29.2
153	14.9	12.0	18.0

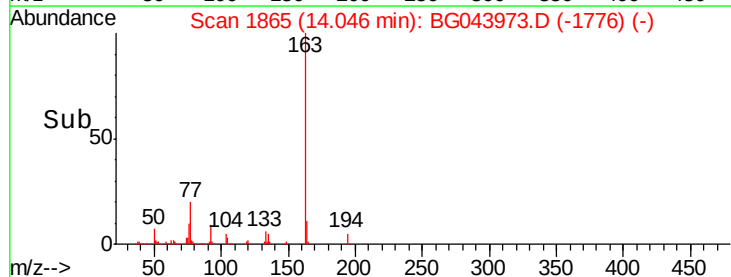
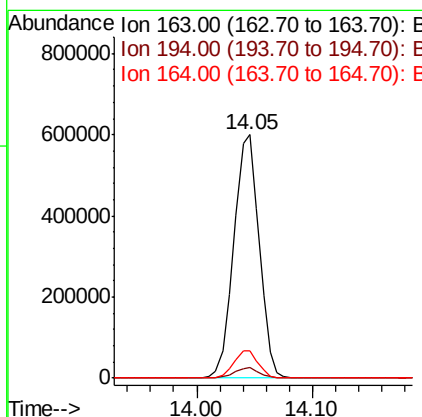
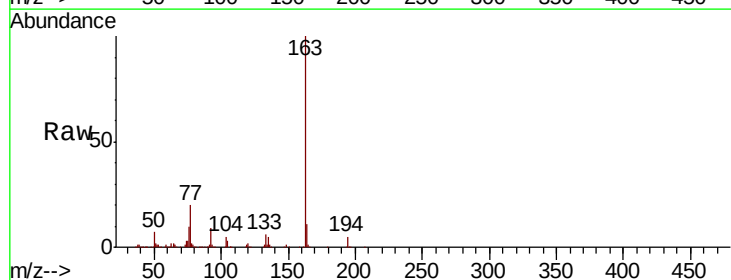
Manual Integrations
APPROVED

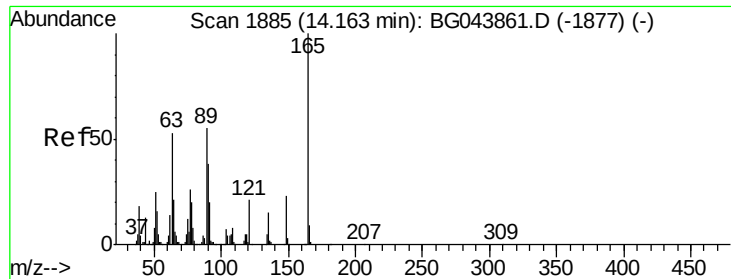
mohammad
1/9/2020 12:10:06 PM



#50
Dimethylphthalate
Concen: 40.843 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.1	9.3	13.9





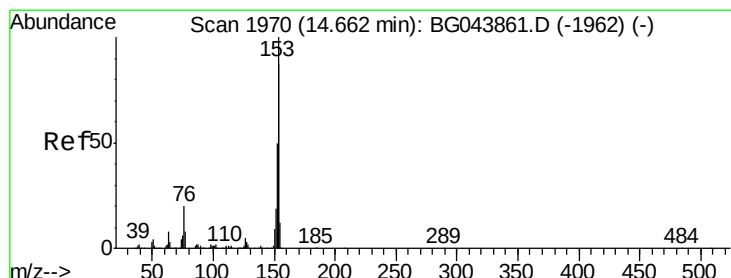
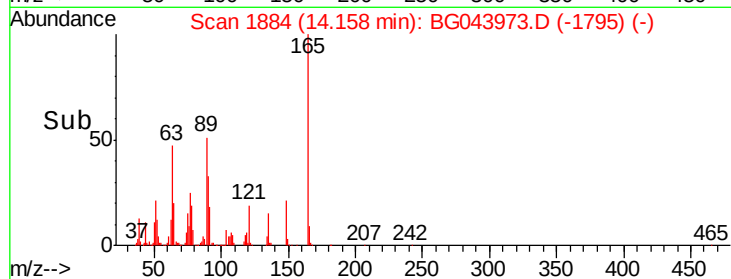
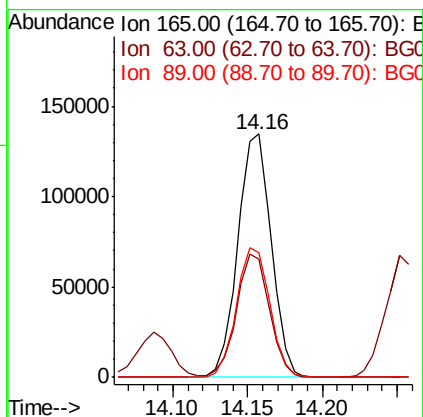
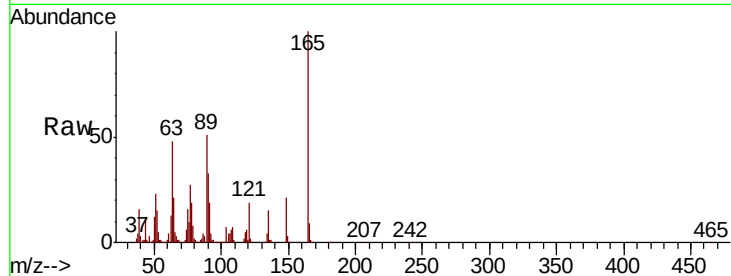
#51
2,6-Dinitrotoluene
Concen: 41.583 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209194		
63	48.4		43.1	64.7
89	51.3		43.8	65.6

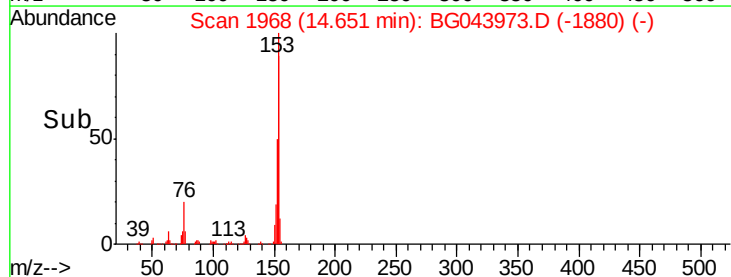
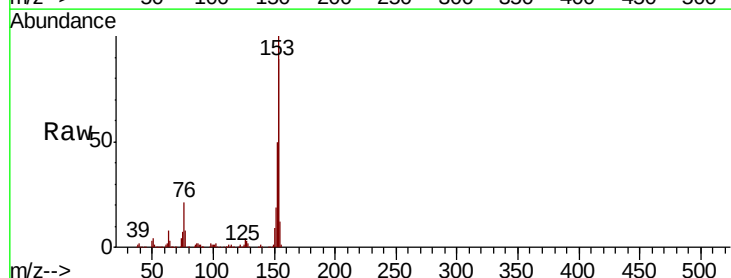
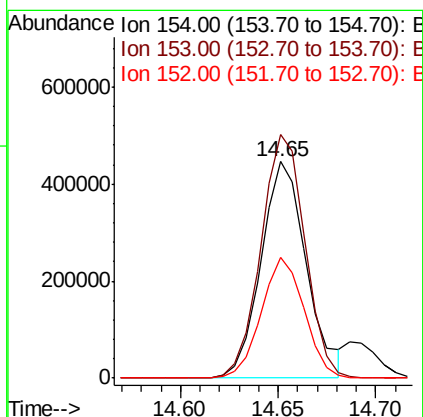
Manual Integrations
APPROVED

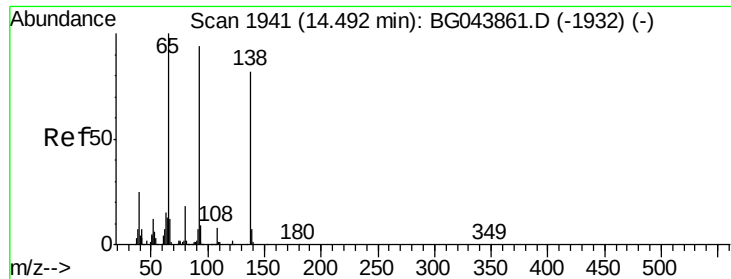
mohammad
1/9/2020 12:10:06 PM



#52
Acenaphthene
Concen: 39.044 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	714731		
153	112.4		91.6	137.4
152	55.8		45.4	68.0





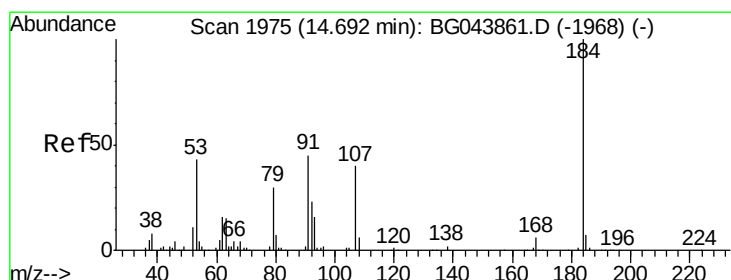
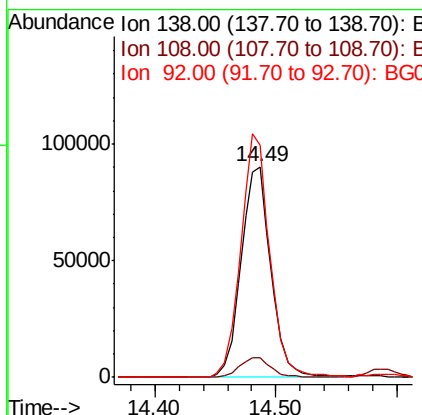
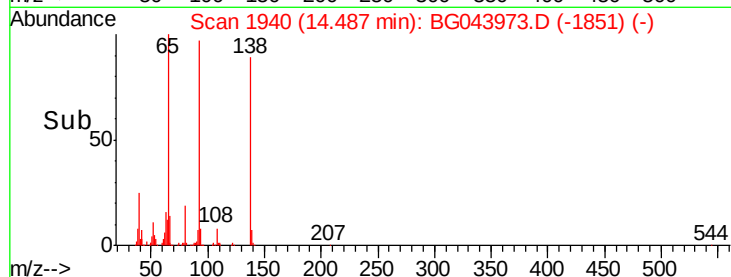
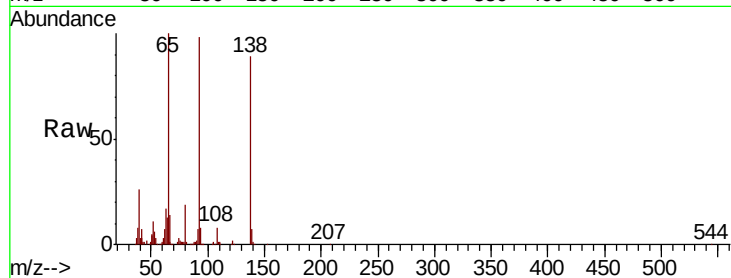
#53
3-Nitroaniline
Concen: 27.083 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	110.3	92.1	138.1

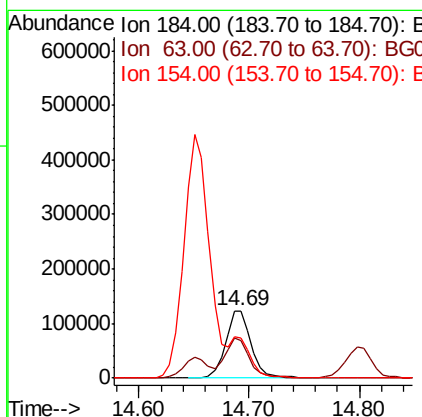
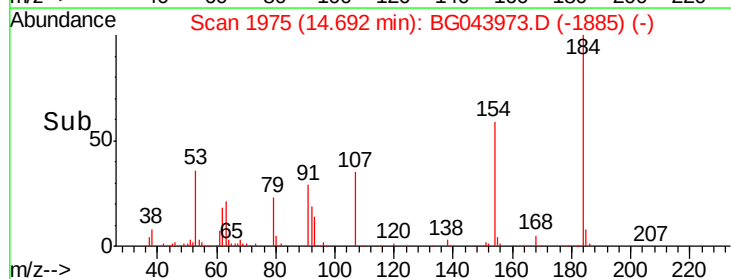
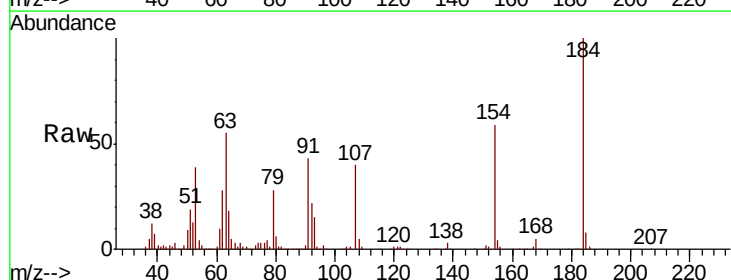
Manual Integrations
APPROVED

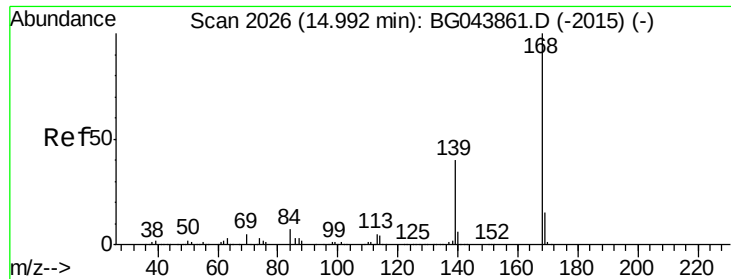
mohammad
1/9/2020 12:10:06 PM



#54
2,4-Dinitrophenol
Concen: 78.385 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	46.6	70.0
154	59.1	50.2	75.4





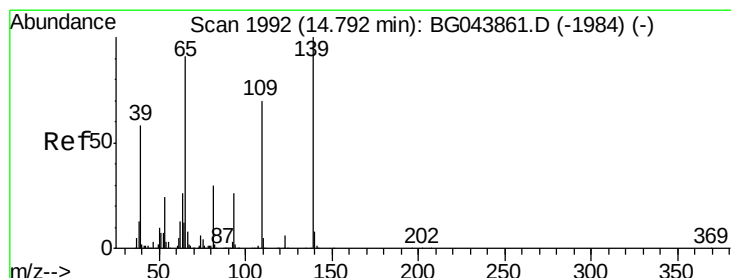
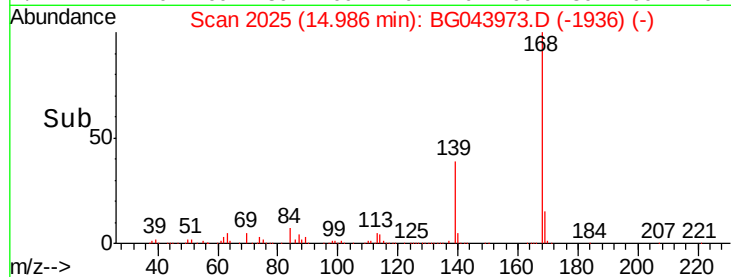
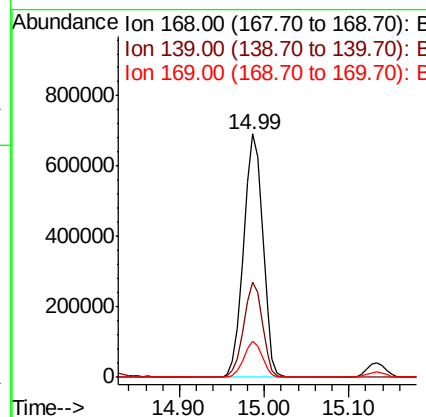
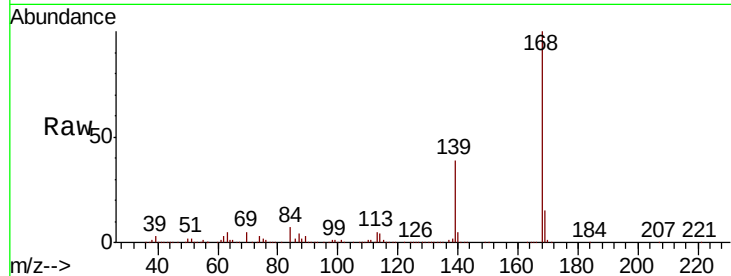
#55
Dibenzenofuran
Concen: 42.716 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.2	48.2
169	15.1	12.2	18.2

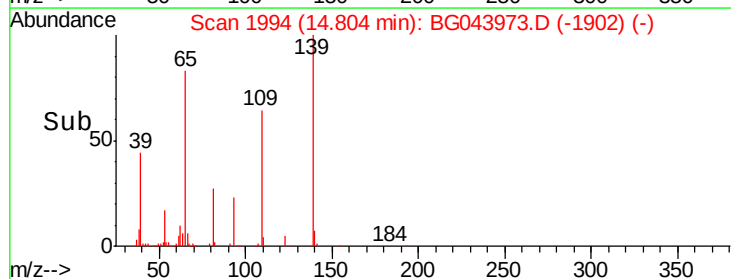
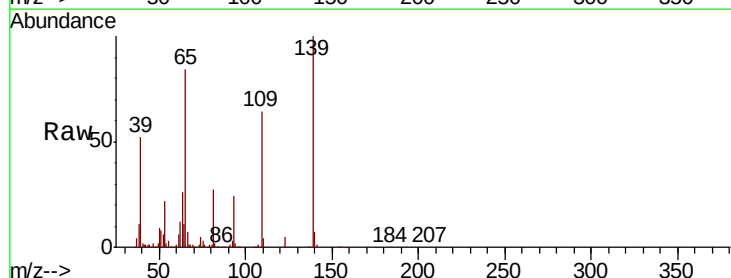
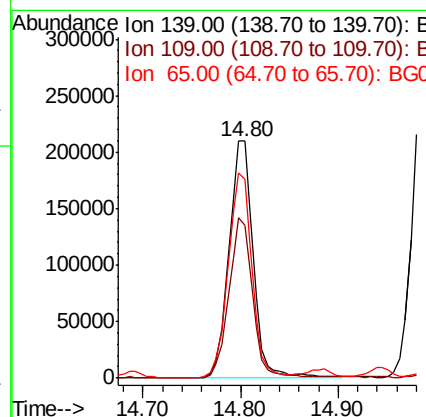
Manual Integrations
APPROVED

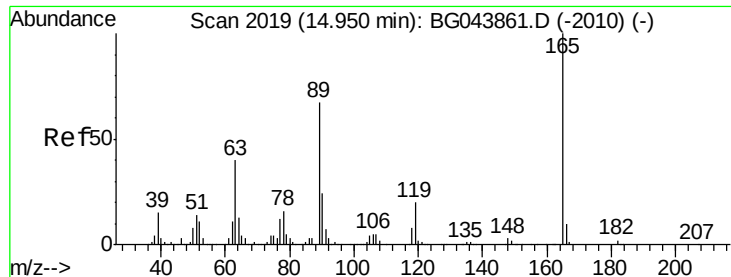
mohammad
1/9/2020 12:10:06 PM



#56
4-Nitrophenol
Concen: 83.081 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	50.4	90.4
65	84.1	71.4	111.4





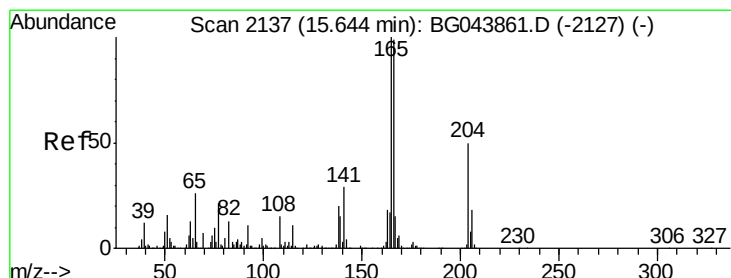
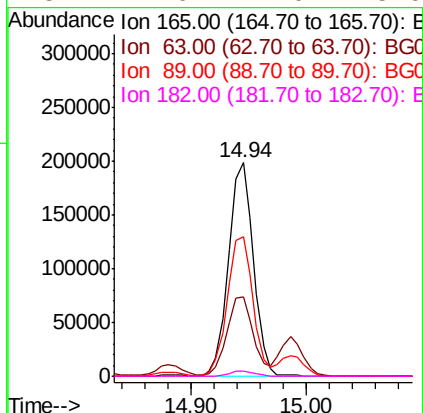
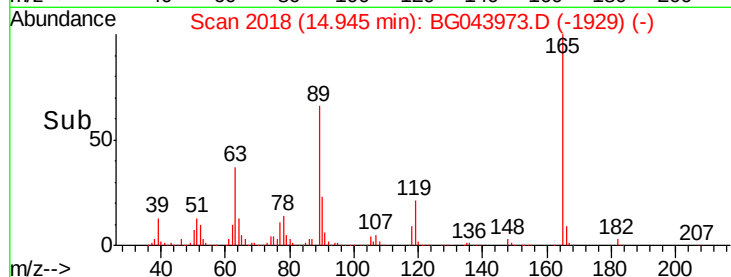
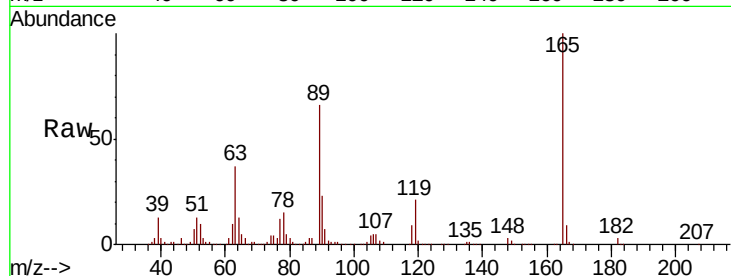
#57
2,4-Dinitrotoluene
Concen: 43.126 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	295209		
63	37.4		31.9	47.9
89	65.6		53.8	80.6
182	2.6		2.0	3.0

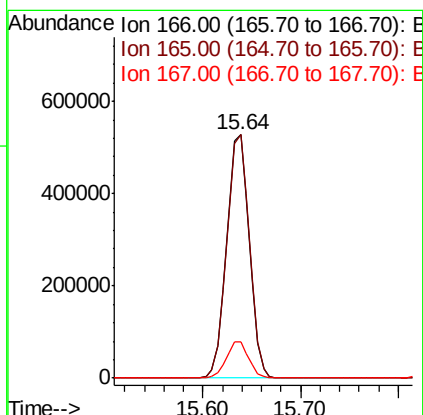
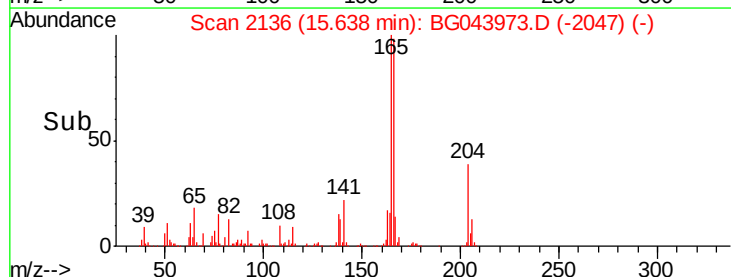
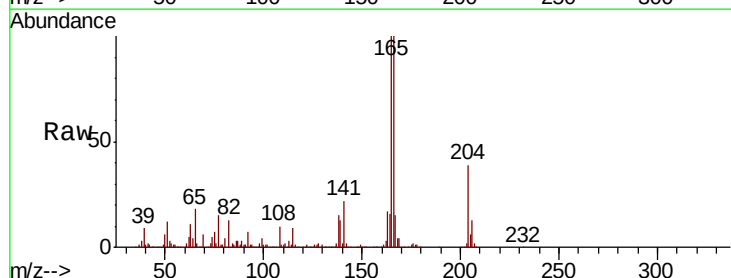
Manual Integrations
APPROVED

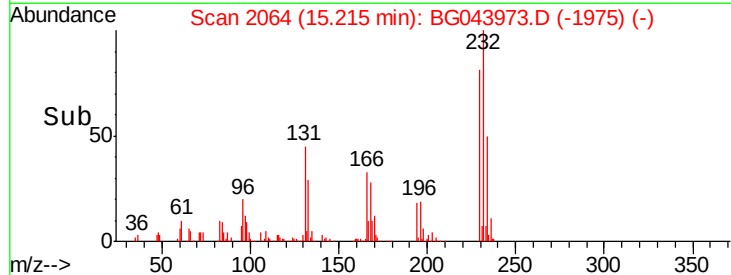
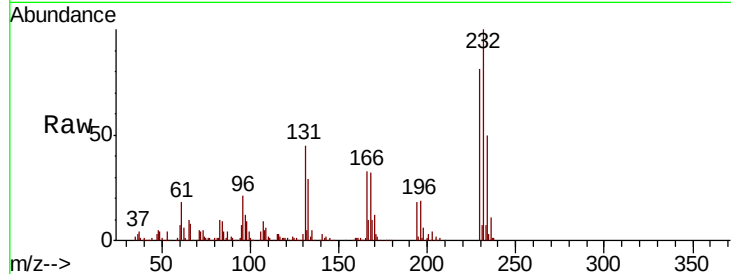
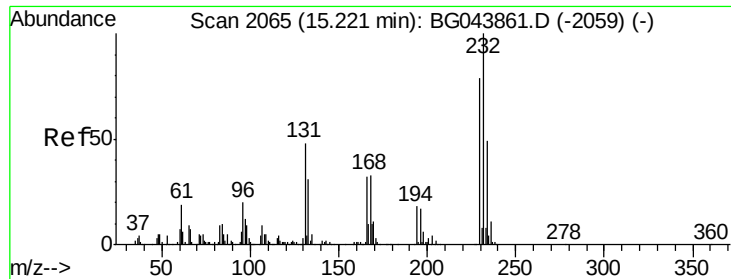
mohammad
1/9/2020 12:10:06 PM



#58
Fluorene
Concen: 42.420 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	847283		
165	100.1		80.8	121.2
167	14.8		12.1	18.1





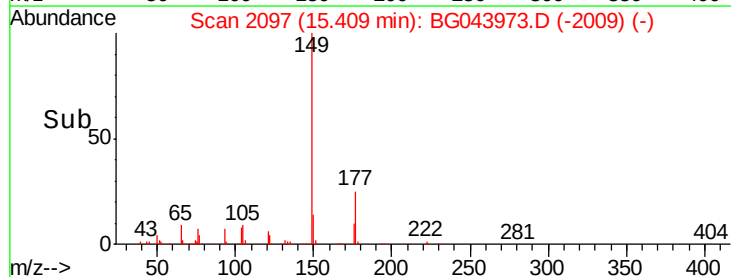
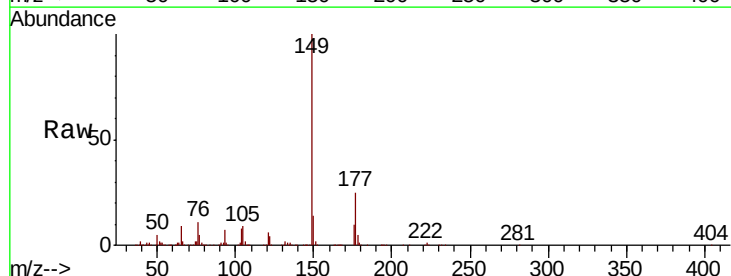
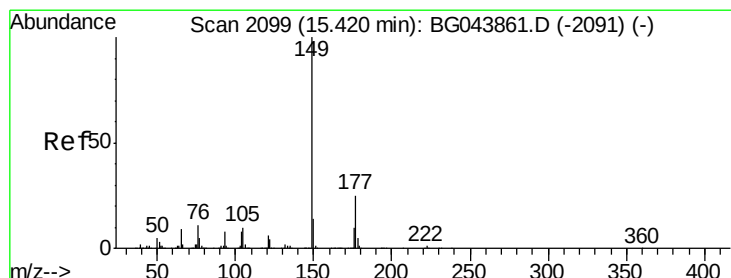
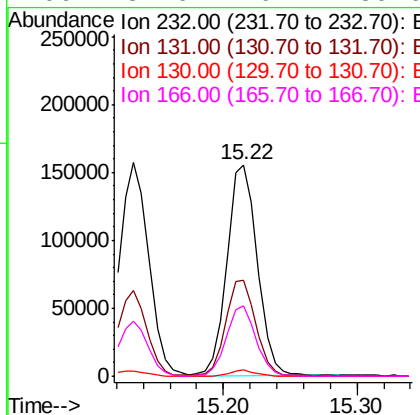
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.054 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	247000		
131	46.6	38.2	57.2	
130	2.5	2.2	3.2	
166	32.6	26.4	39.6	

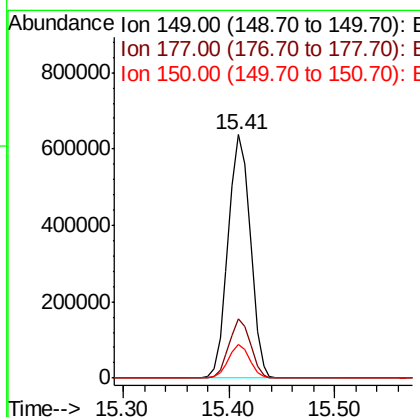
Manual Integrations
APPROVED

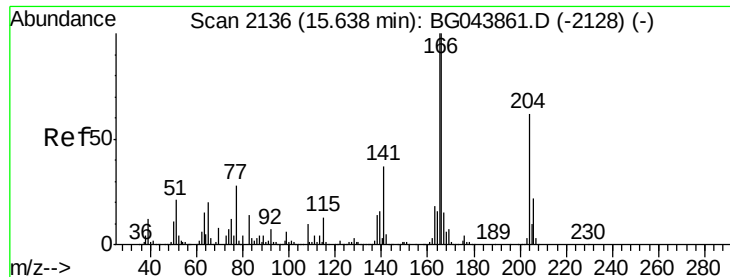
mohammad
1/9/2020 12:10:06 PM



#60
Diethylphthalate
Concen: 41.619 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	926518		
177	24.6	20.0	30.0	
150	14.0	11.1	16.7	





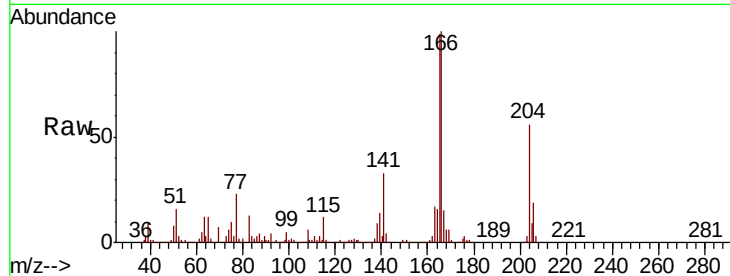
#61
4-Chlorophenyl-phenylether
Concen: 40.614 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampled :
PB125951BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	440487		
206	34.3	28.2	42.2	
141	58.2	48.2	72.2	

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

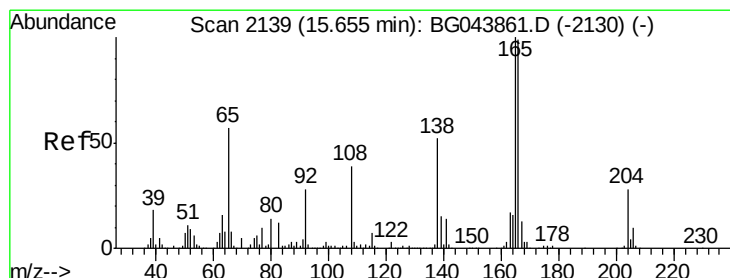
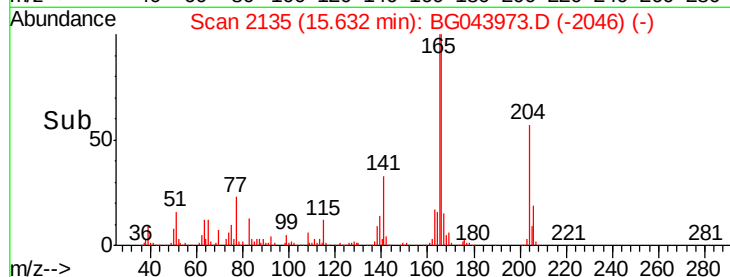
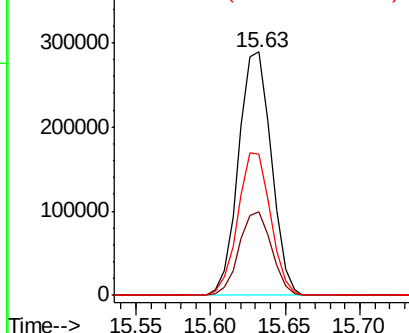


Abundance

Ion 204.00 (203.70 to 204.70): E

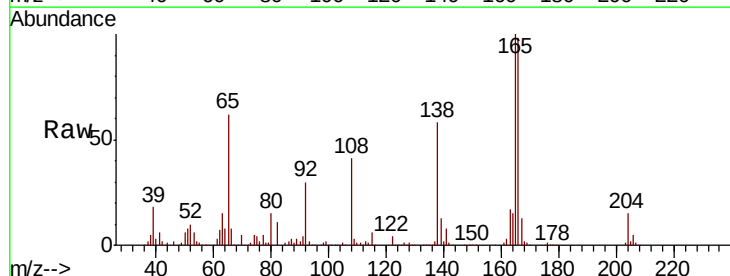
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.225 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	210004		
92	52.5	34.3	74.3	
108	72.0	55.0	95.0	

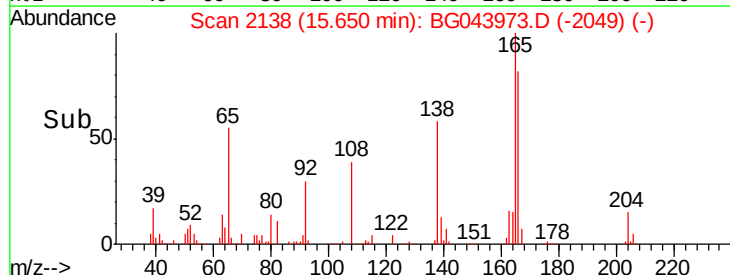
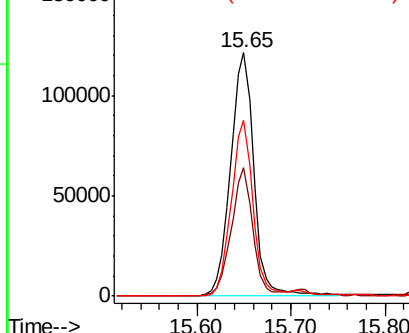


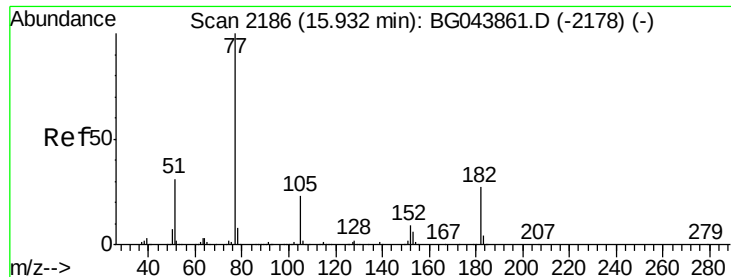
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





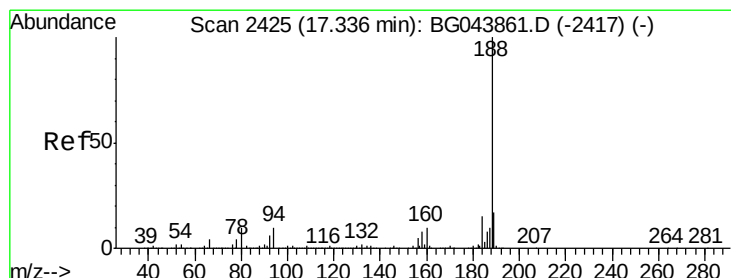
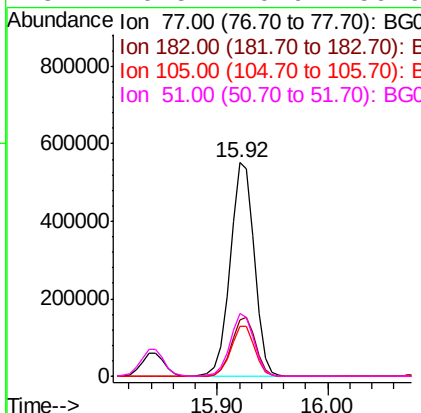
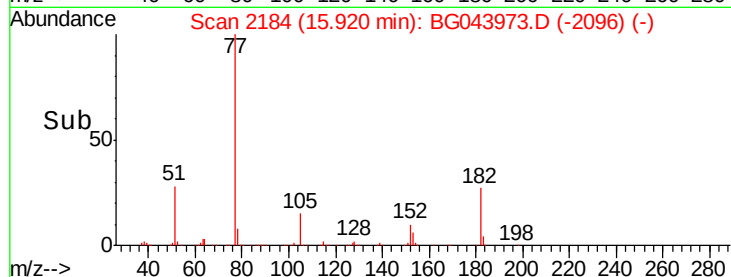
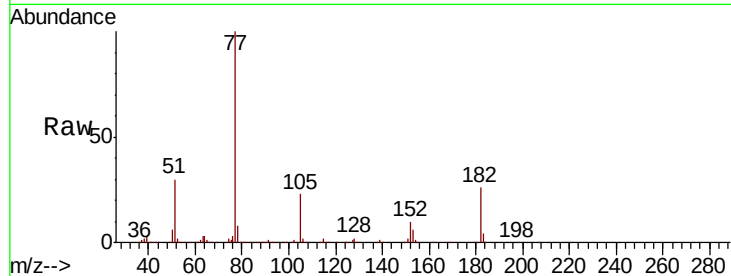
#63
Azobenzene
Concen: 40.678 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	7.3	47.3
105	23.3	3.2	43.2
51	29.5	10.6	50.6

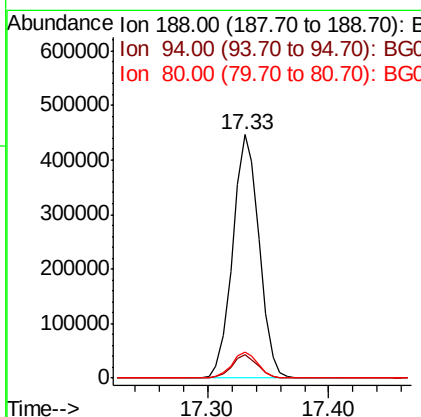
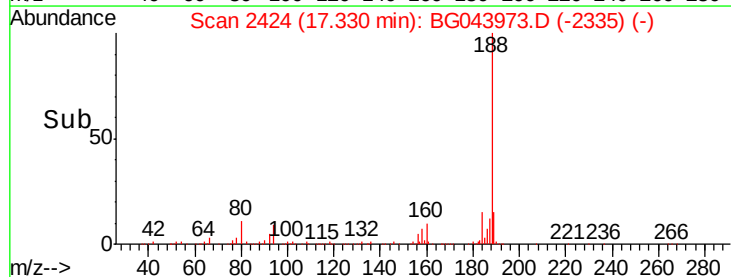
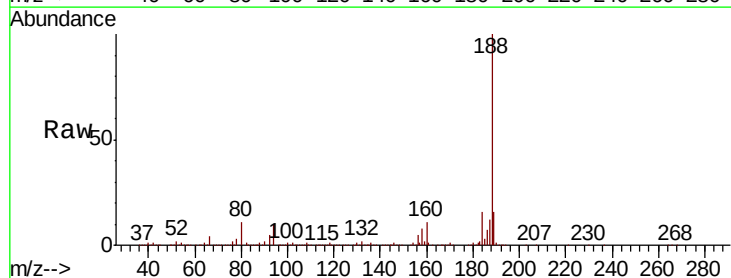
Manual Integrations
APPROVED

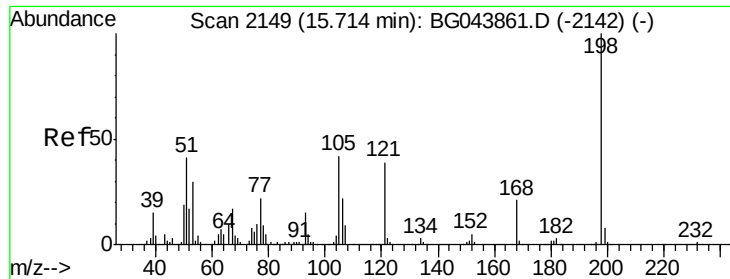
mohammad
1/9/2020 12:10:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.7	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 44.823 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

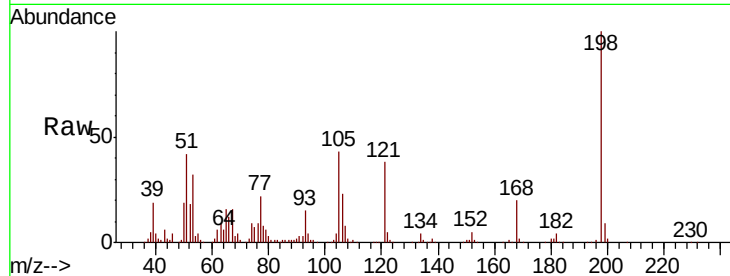
ClientSampleId :

PB125951BS

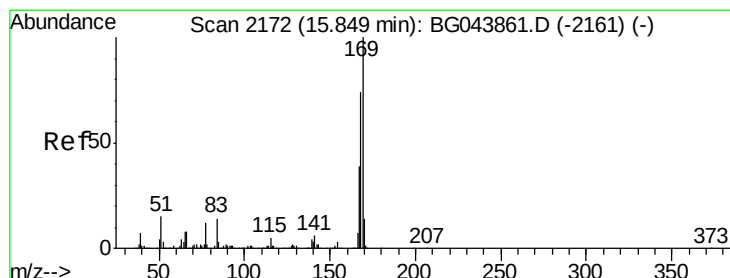
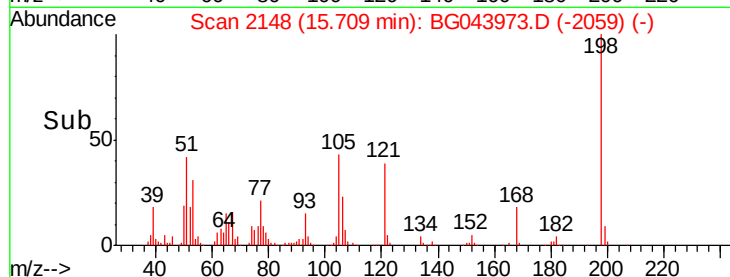
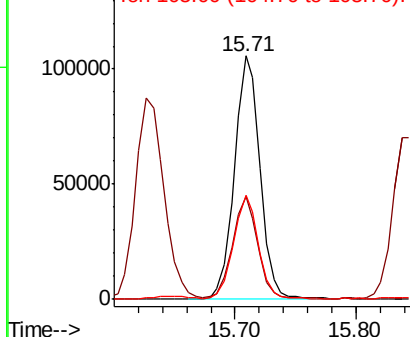
Tot Ion:	198	Resp:	156073
Ion Ratio	Lower	Upper	
198	100		
51	42.0	22.5	62.5
105	42.8	22.3	62.3

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.270 ng

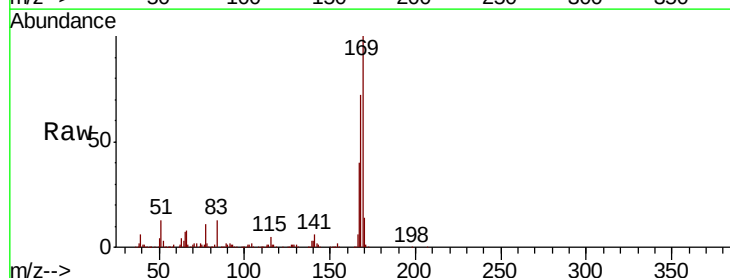
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

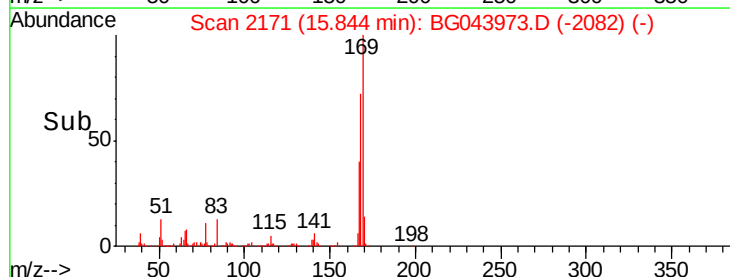
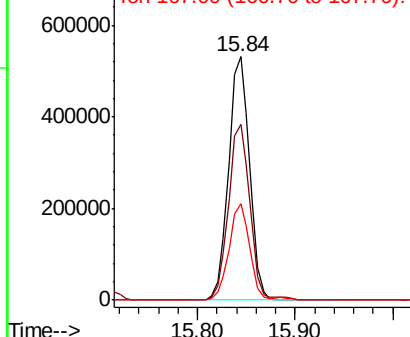
Lab File: BG043973.D

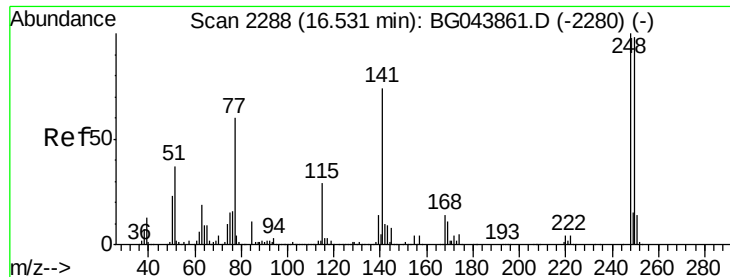
Acq: 8 Jan 2020 18:43

Tgt Ion:	169	Resp:	787164
Ion Ratio	Lower	Upper	
169	100		
168	72.3	59.0	88.6
167	39.7	31.4	47.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





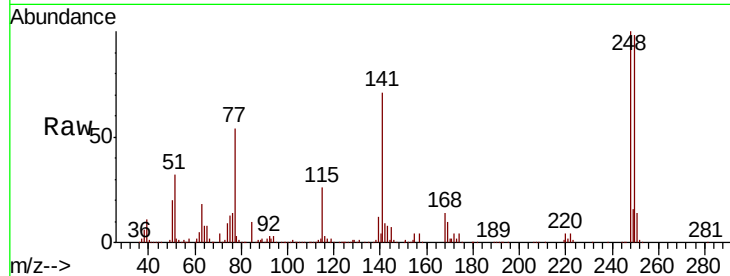
#67
4-Bromophenyl-phenylether
Concen: 36.559 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampled :
PB125951BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.2	117.2
141	71.1	59.3	88.9

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

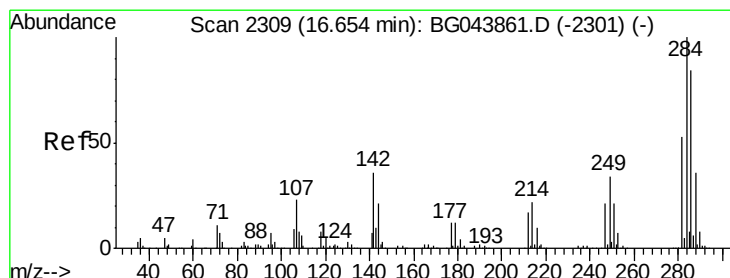
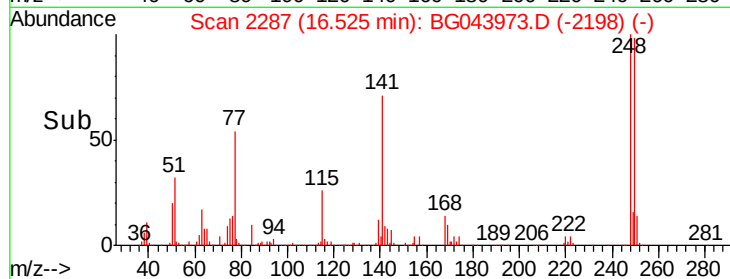
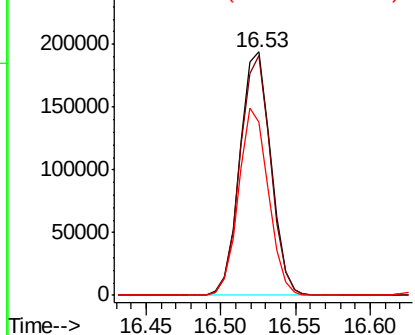


Abundance

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: 36.171 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

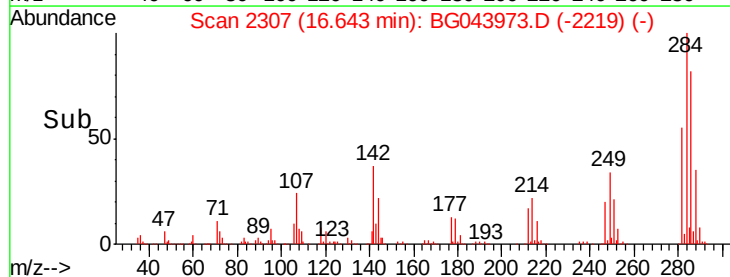
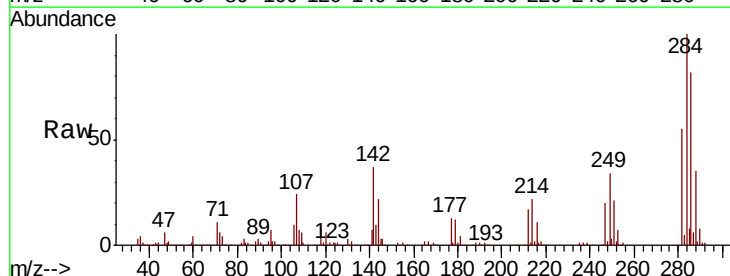
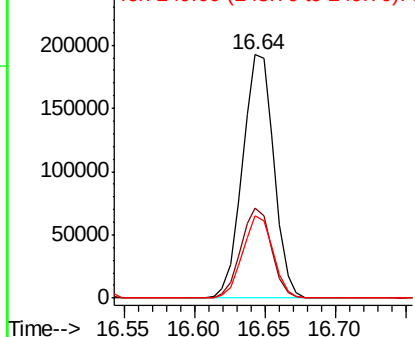
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.6	43.0
249	33.7	27.0	40.6

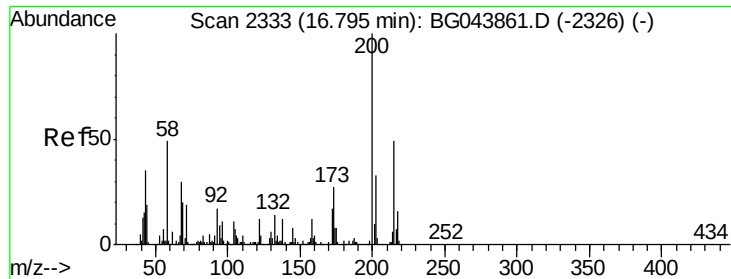
Abundance

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





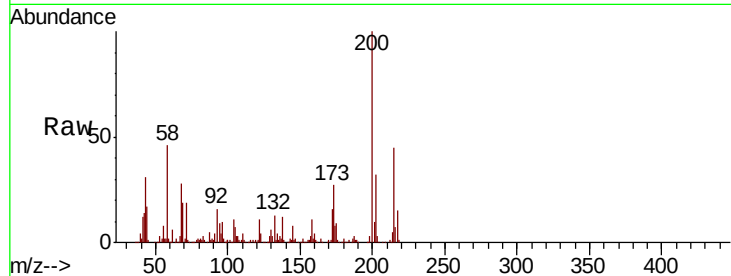
#69
Atrazine
Concen: 39.122 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.6	46.6
215	45.4	28.6	68.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

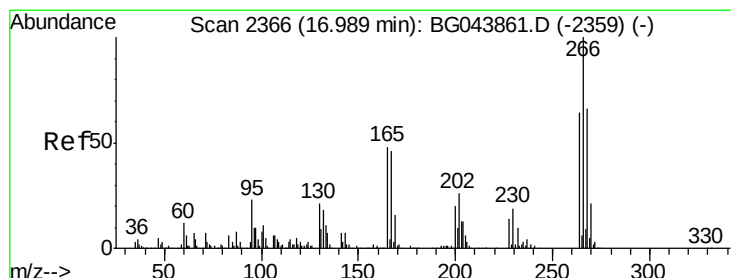
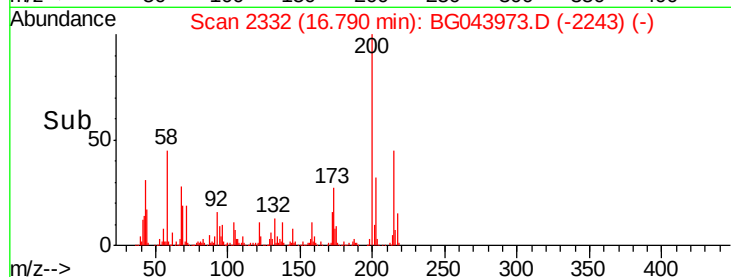
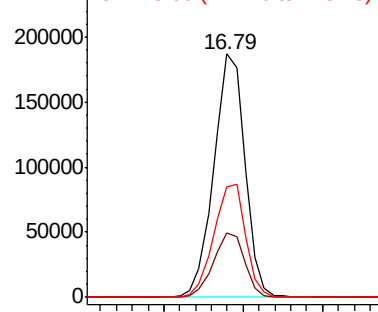


Abundance

Ion 200.00 (199.70 to 200.70): E

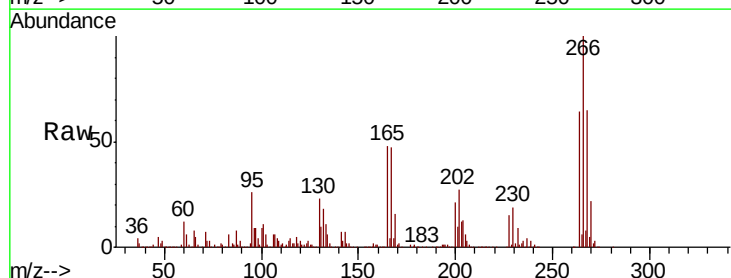
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 115.959 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.6	79.0
264	64.3	50.8	76.2

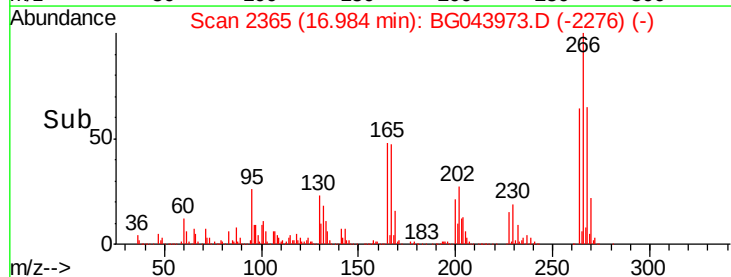
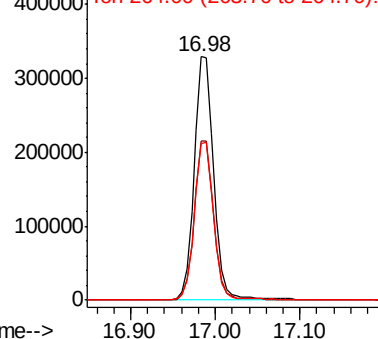


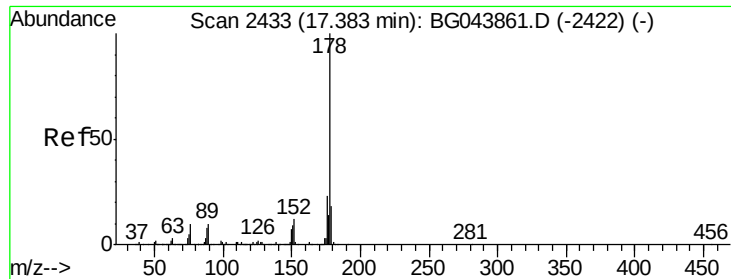
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





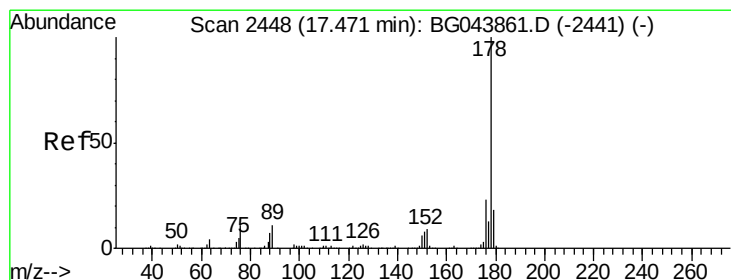
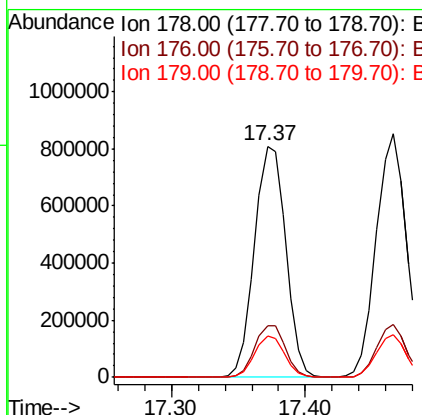
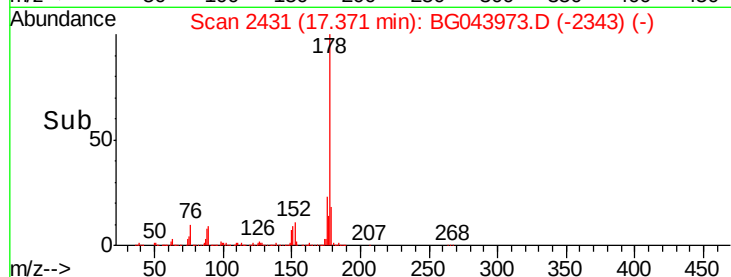
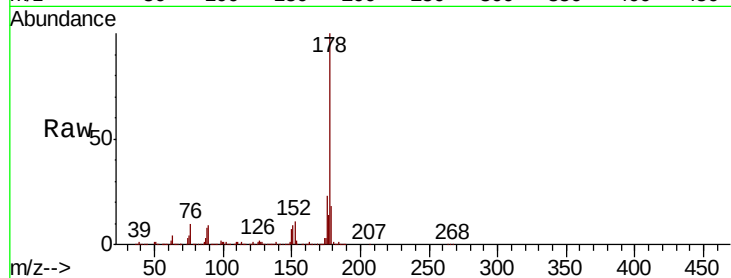
#71
Phenanthrene
Concen: 40.156 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion:178 Resp: 1311040
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.9 14.4 21.6

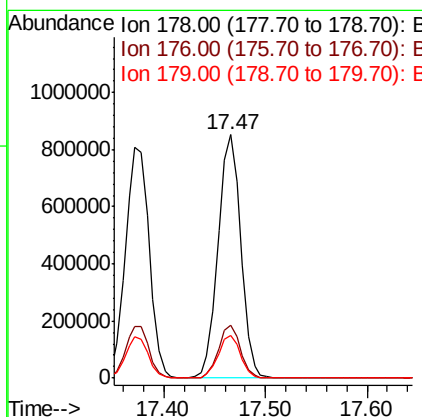
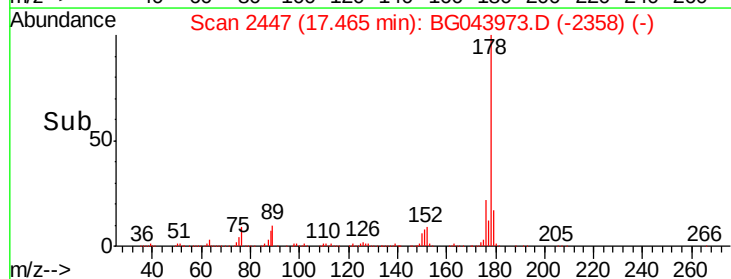
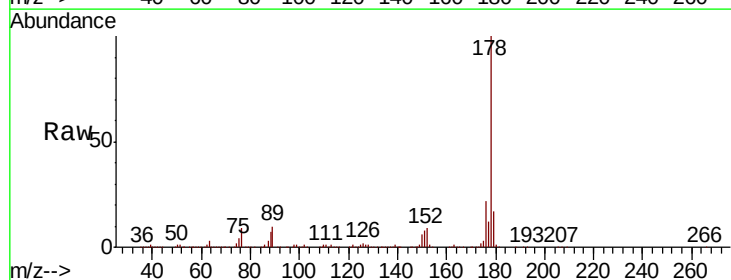
Manual Integrations
APPROVED

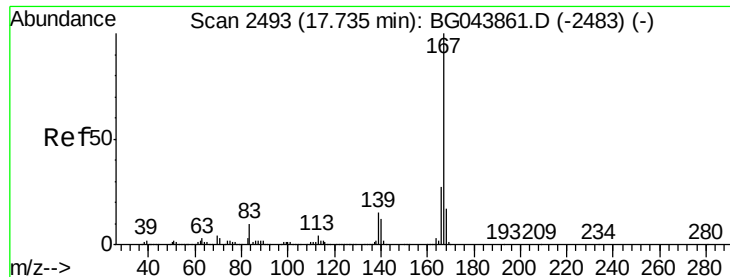
mohammad
1/9/2020 12:10:06 PM



#72
Anthracene
Concen: 41.118 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion:178 Resp: 1326727
Ion Ratio Lower Upper
178 100
176 21.8 18.3 27.5
179 17.4 14.6 22.0





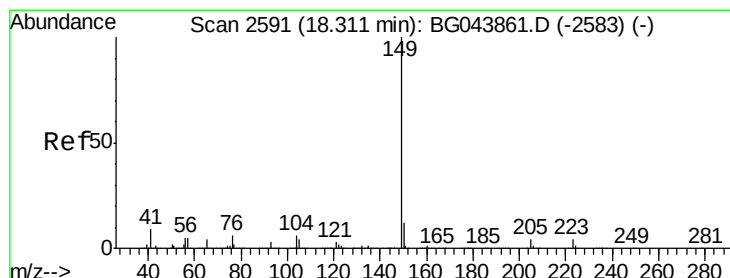
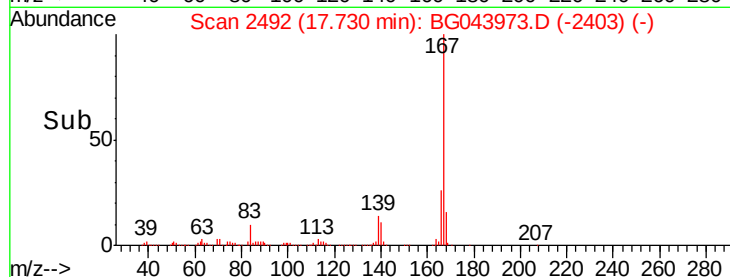
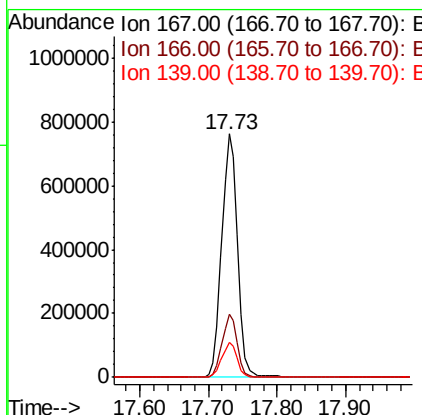
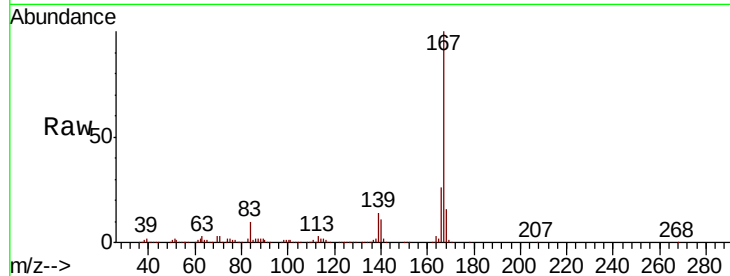
#73
 Carbazole
 Concen: 41.016 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Instrument :
 BNA_G
 ClientSampleId :
 PB125951BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.0	21.6	32.4
139	14.4	12.1	18.1

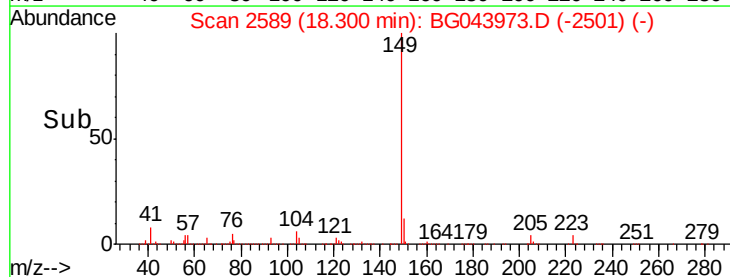
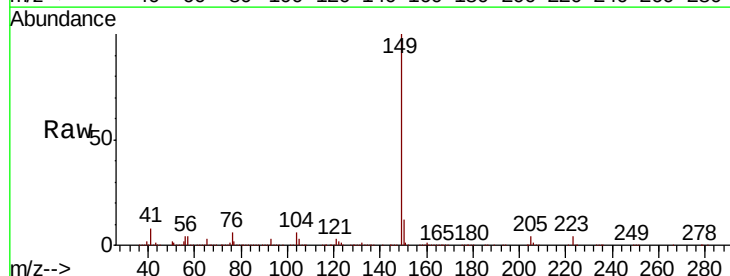
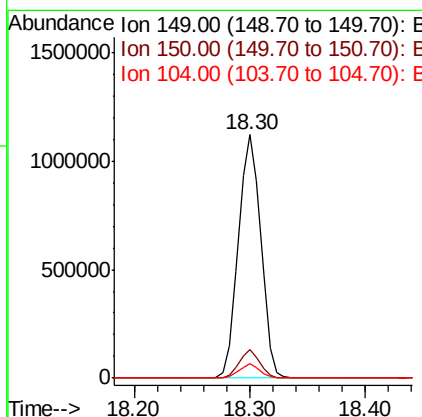
Manual Integrations
 APPROVED

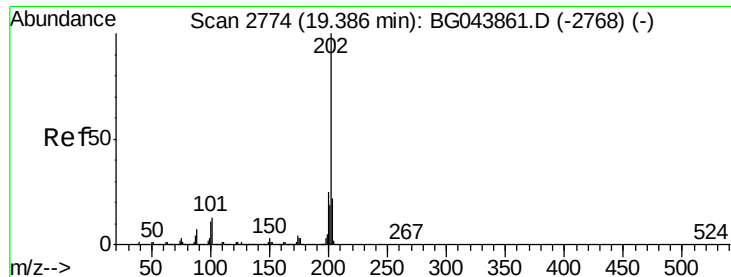
mohammad
 1/9/2020 12:10:06 PM



#74
 Di-n-butylphthalate
 Concen: 39.710 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043973.D
 Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 39.534 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

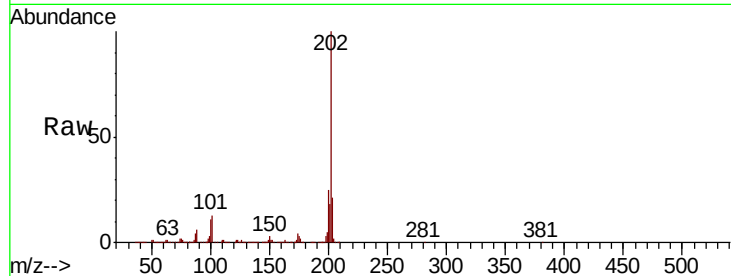
ClientSampleId :

PB125951BS

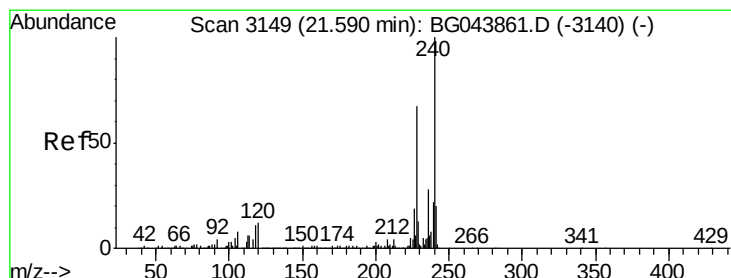
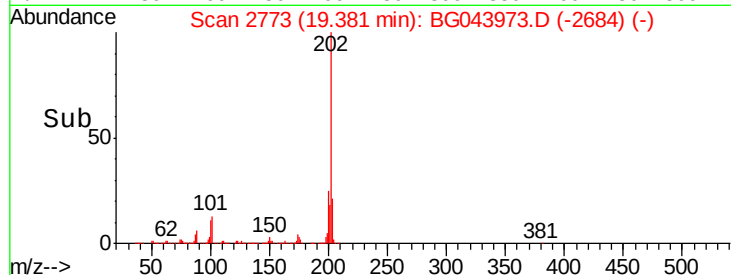
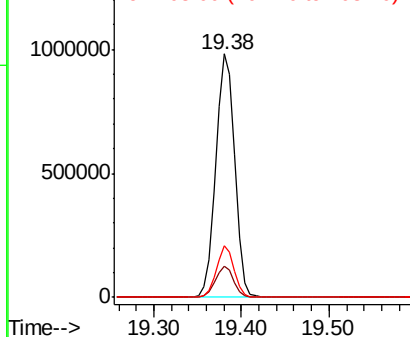
Tot Ion:	202	Resp:	1476120
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.3
203	21.1	1.6	41.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

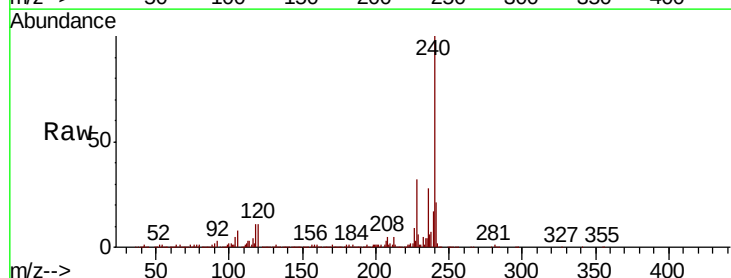
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

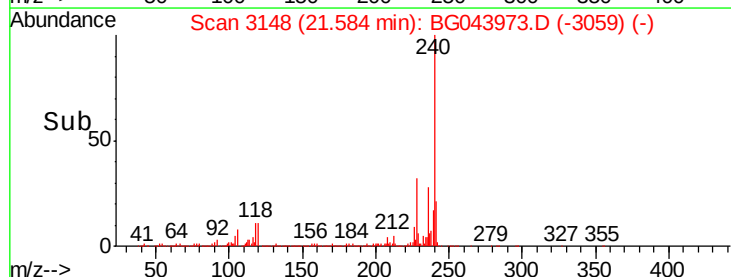
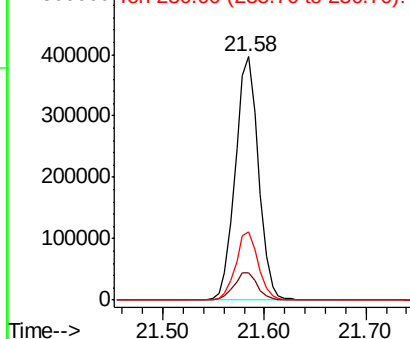
Lab File: BG043973.D

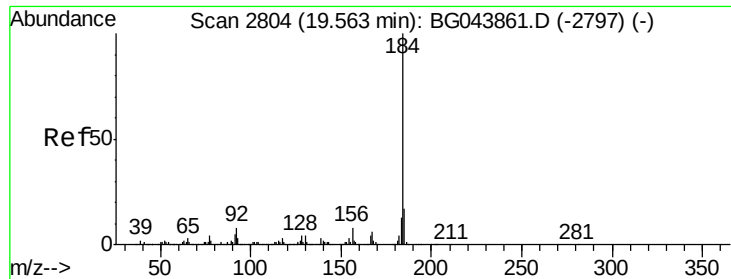
Acq: 8 Jan 2020 18:43

Tgt Ion:	240	Resp:	629657
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	28.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.443 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

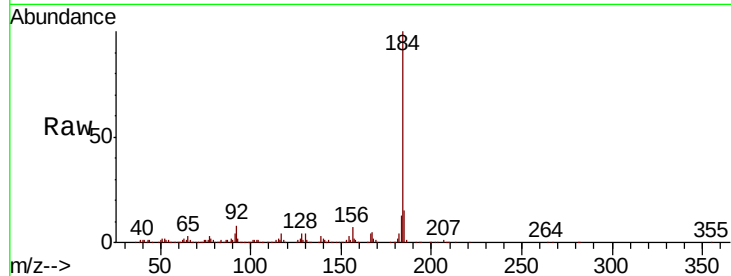
ClientSampleId :

PB125951BS

Tot Ion:	184	Resp:	323551
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.4	20.0
183	13.0	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM

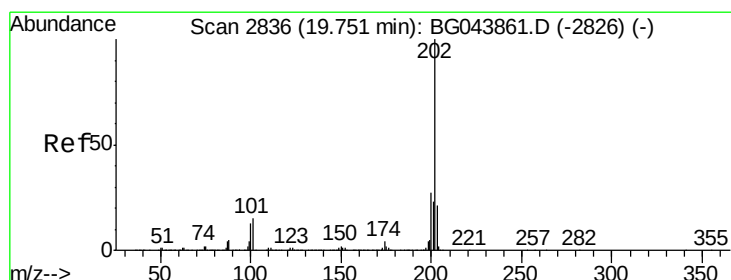
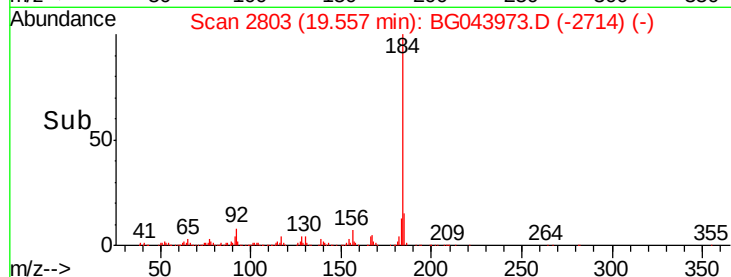
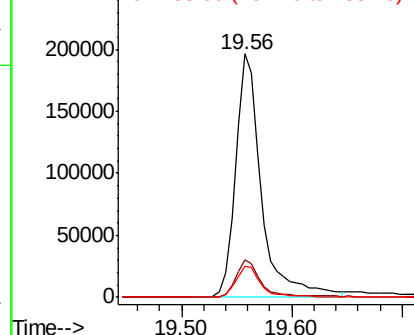


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.338 ng

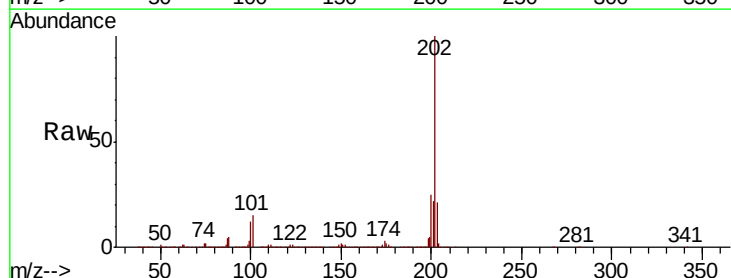
RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	202	Resp:	1493488
Ion Ratio	Lower	Upper	
202	100		
200	25.2	21.7	32.5
203	20.5	17.0	25.6

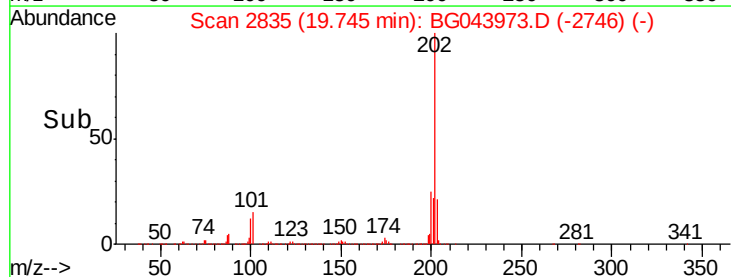
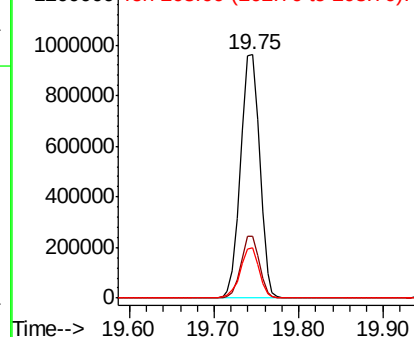


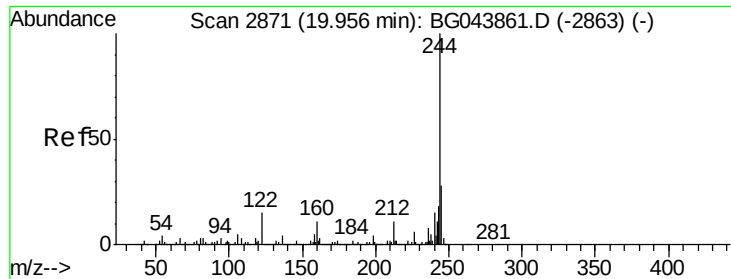
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.955 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

ClientSampleId :

PB125951BS

Tot Ion:244 Resp: 1960632

Ion Ratio Lower Upper

244 100

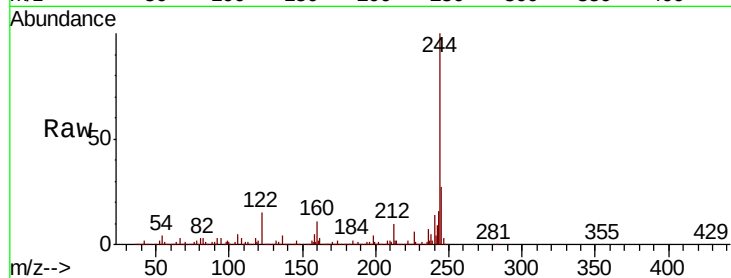
212 10.3 8.6 13.0

122 14.7 11.9 17.9

Manual Integrations
APPROVED

mohammad

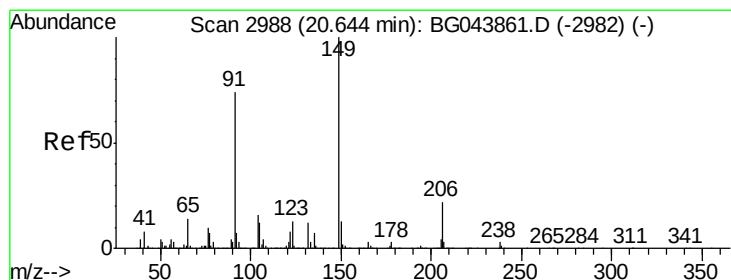
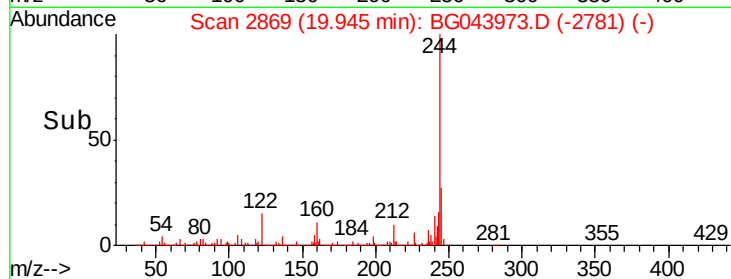
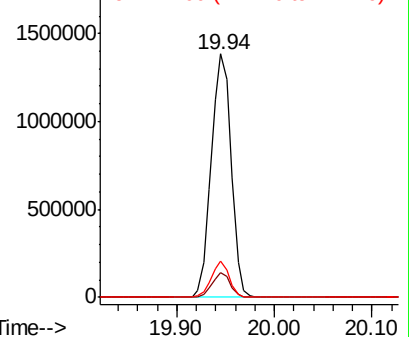
1/9/2020 12:10:06 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.160 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

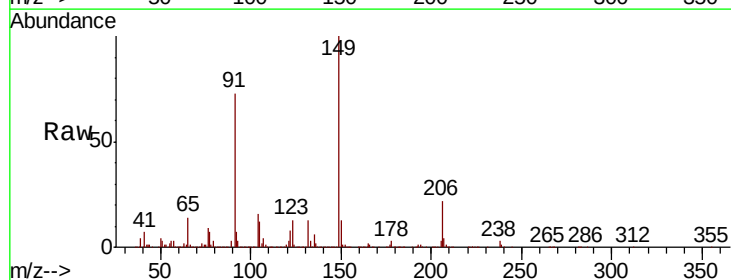
Tgt Ion:149 Resp: 707559

Ion Ratio Lower Upper

149 100

91 72.8 59.5 89.3

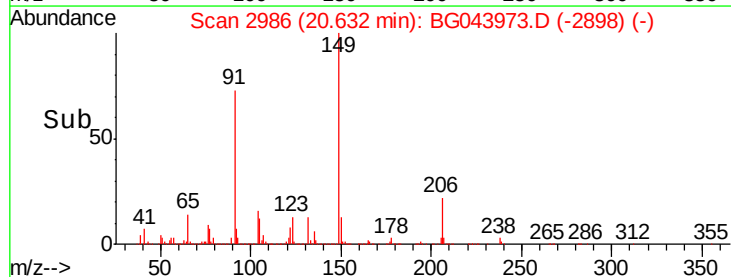
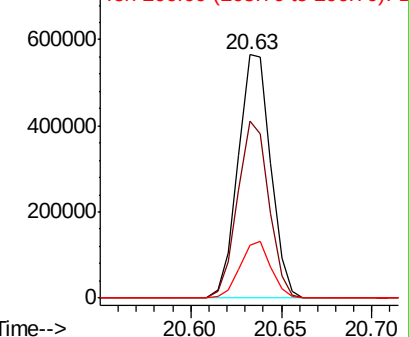
206 21.8 17.8 26.6

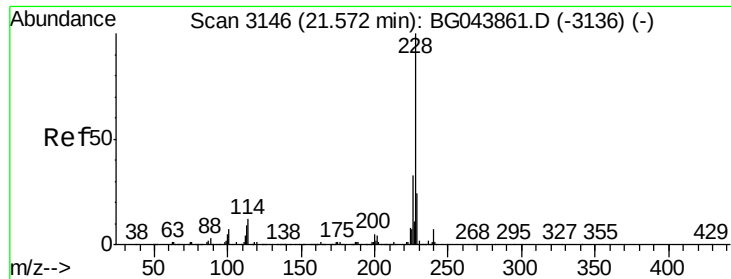


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.212 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

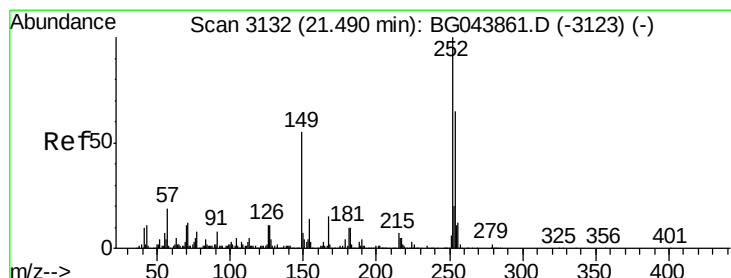
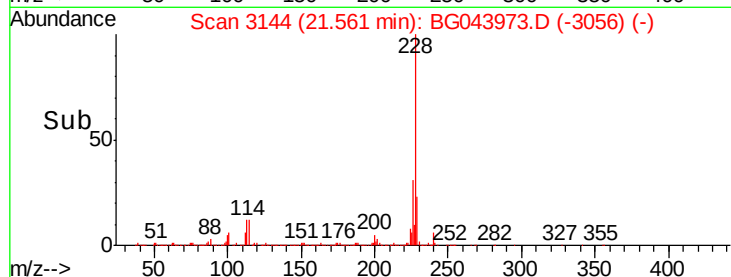
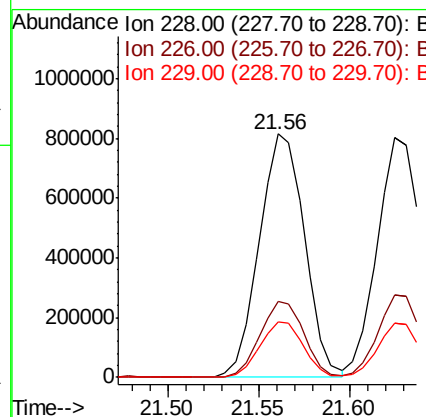
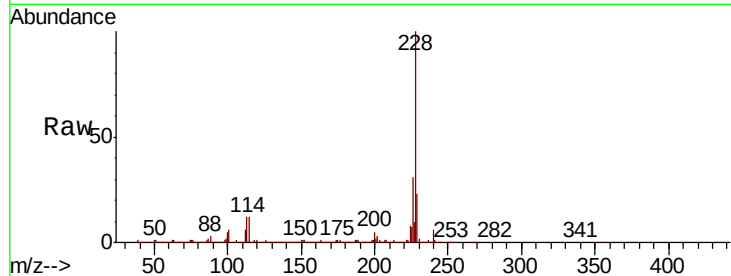
ClientSampleId :

PB125951BS

Tot Ion:	228	Resp:	1413845
Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.2	39.4
229	22.9	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#82

3,3'-Dichlorobenzidine

Concen: 22.981 ng

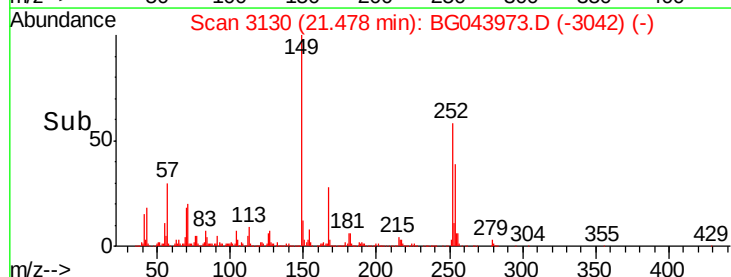
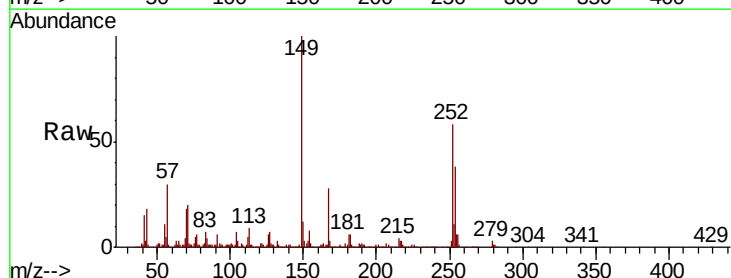
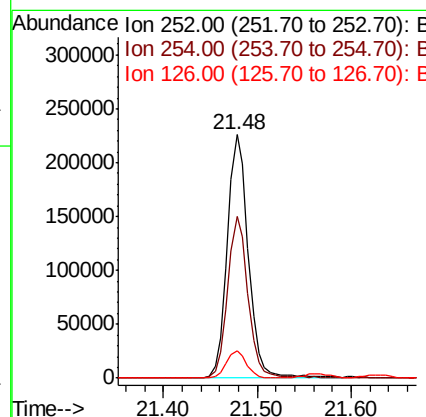
RT: 21.48 min Scan# 3130

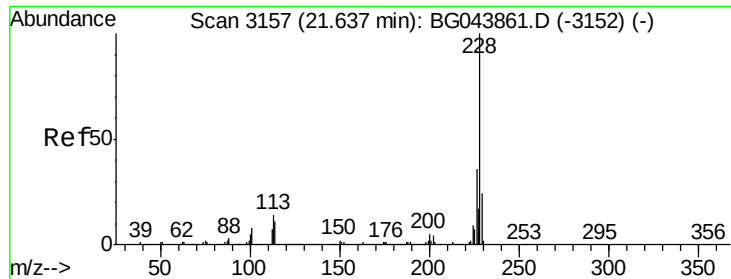
Delta R.T. -0.01 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Tgt Ion:	252	Resp:	354481
Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.1	78.1
126	11.0	9.1	13.7





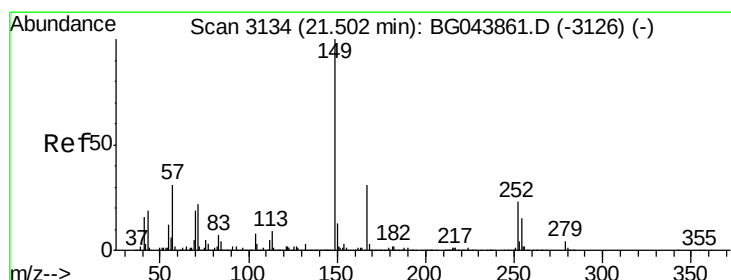
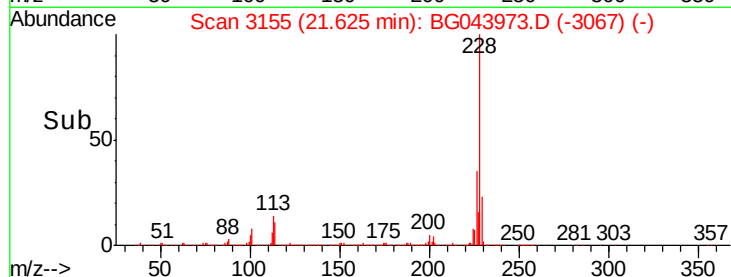
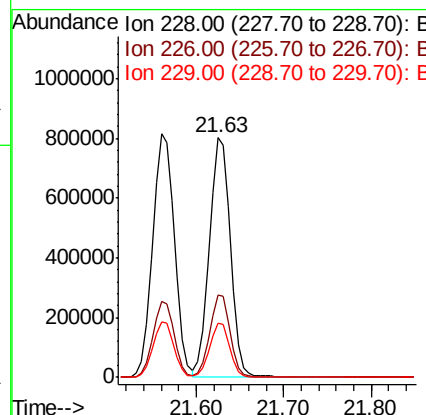
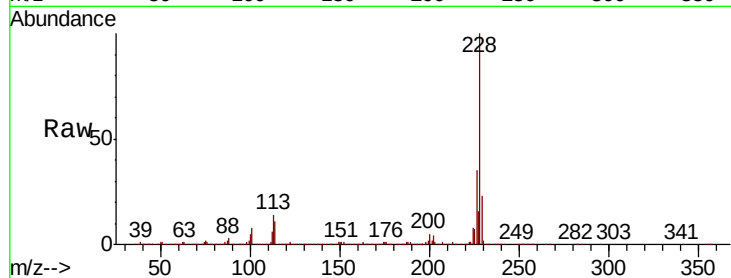
#83
Chrysene
Concen: 36.143 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion:228 Resp: 1340863
Ion Ratio Lower Upper
228 100
226 34.6 28.8 43.2
229 22.5 19.0 28.6

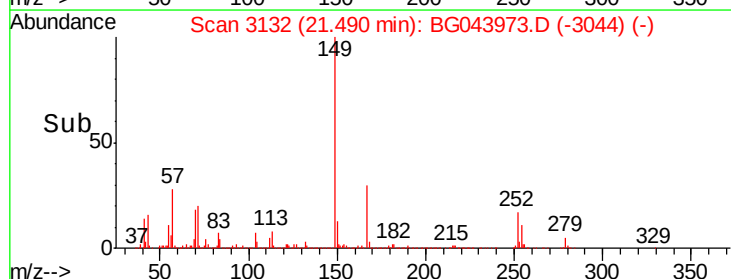
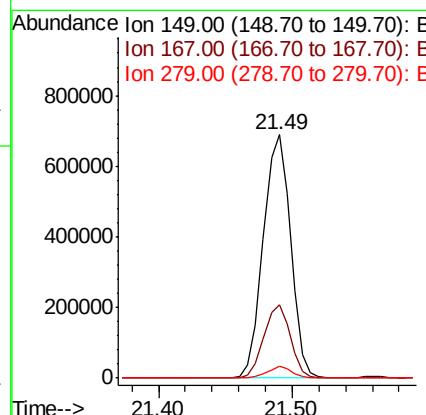
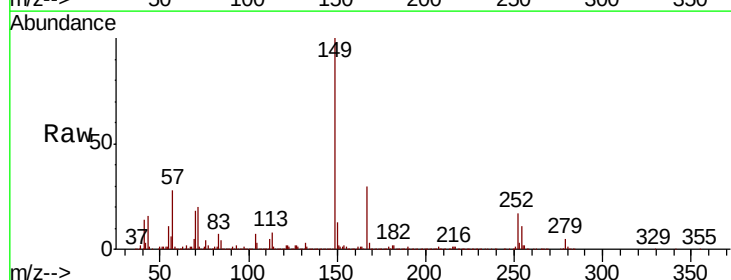
Manual Integrations
APPROVED

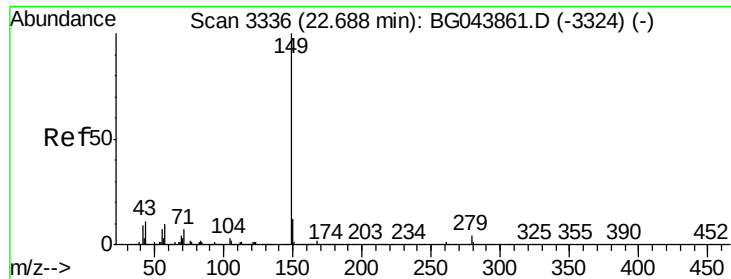
mohammad
1/9/2020 12:10:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.957 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion:149 Resp: 970804
Ion Ratio Lower Upper
149 100
167 30.2 24.7 37.1
279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.135 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

Instrument :

BNA_G

ClientSampleId :

PB125951BS

Tot Ion:149 Resp: 1685573

Ion Ratio Lower Upper

149 100

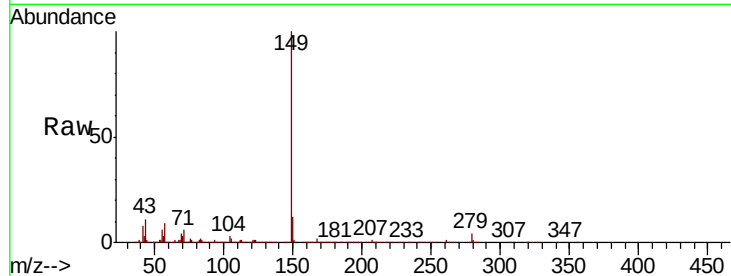
167 1.7 1.4 2.0

43 10.0 8.8 13.2

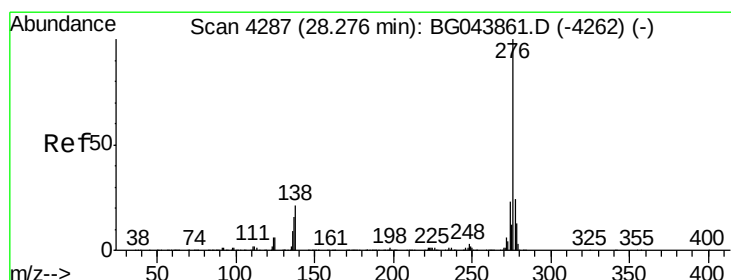
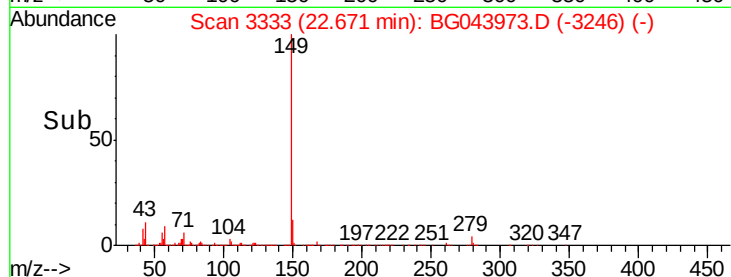
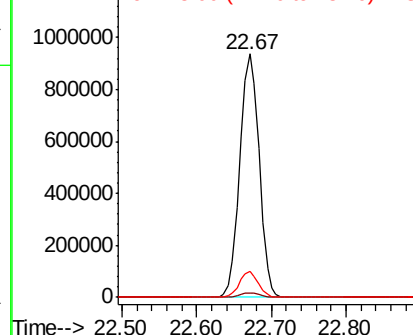
Manual Integrations
APPROVED

mohammad

1/9/2020 12:10:06 PM



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.300 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.03 min

Lab File: BG043973.D

Acq: 8 Jan 2020 18:43

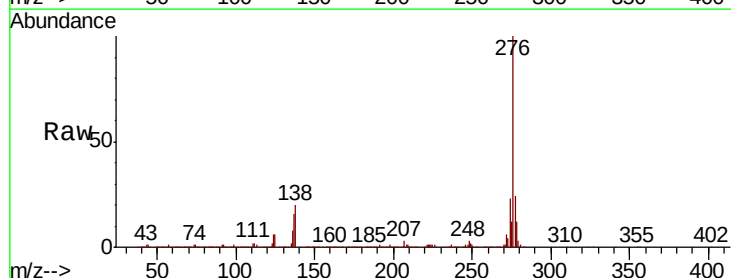
Tgt Ion:276 Resp: 1678881

Ion Ratio Lower Upper

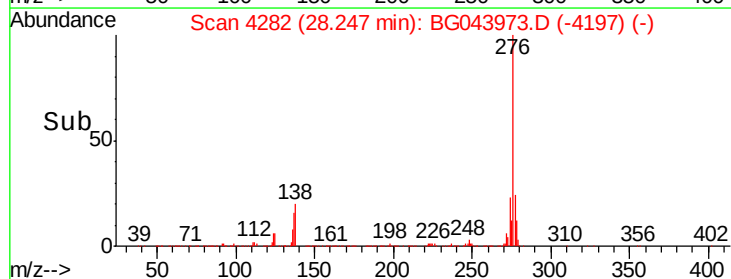
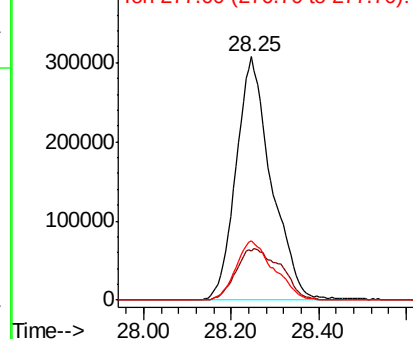
276 100

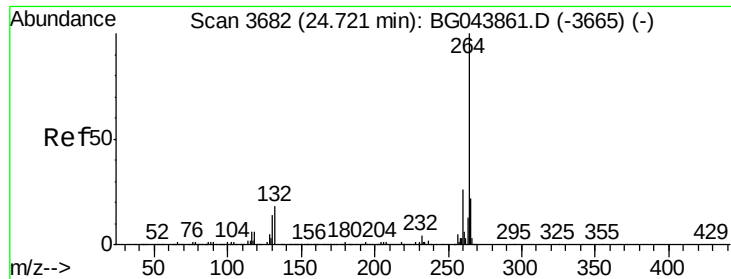
138 27.0 21.0 31.4

277 26.3 21.1 31.7



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





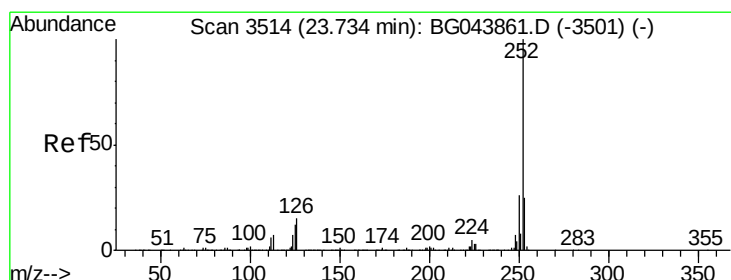
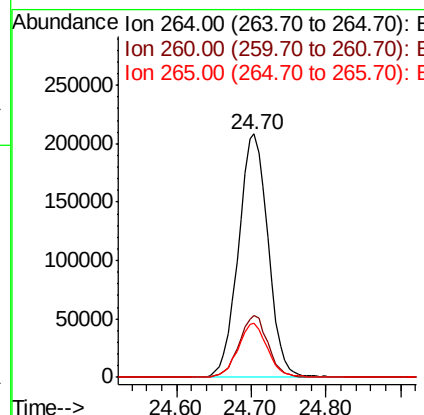
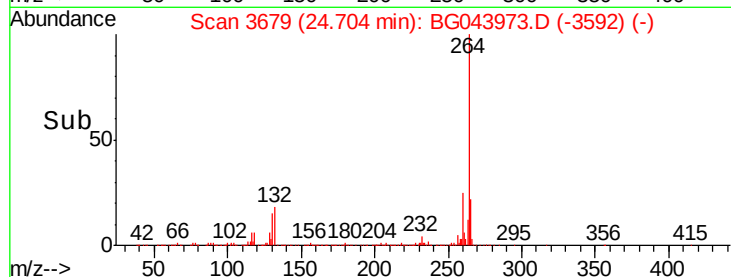
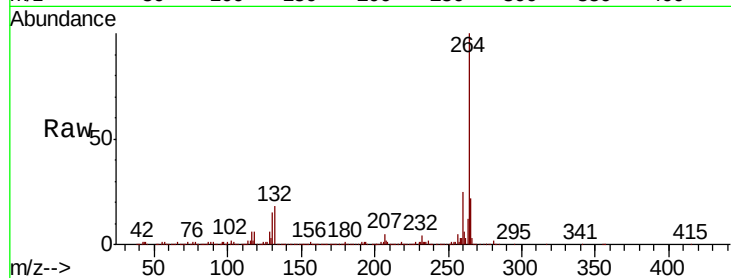
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.1	17.4	26.2

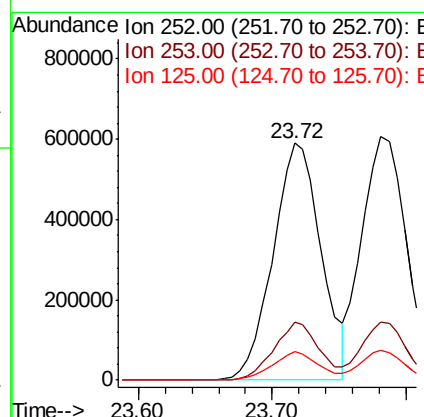
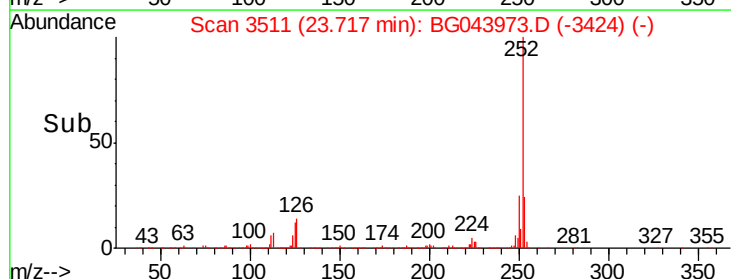
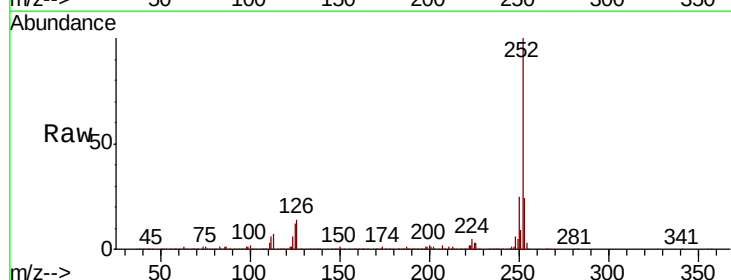
Manual Integrations
APPROVED

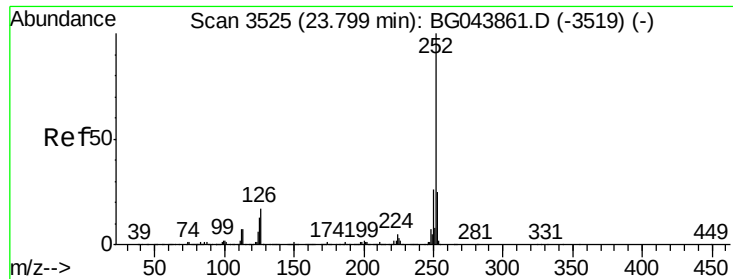
mohammad
1/9/2020 12:10:06 PM



#88
Benzo(b)fluoranthene
Concen: 43.361 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	11.9	9.4	14.2





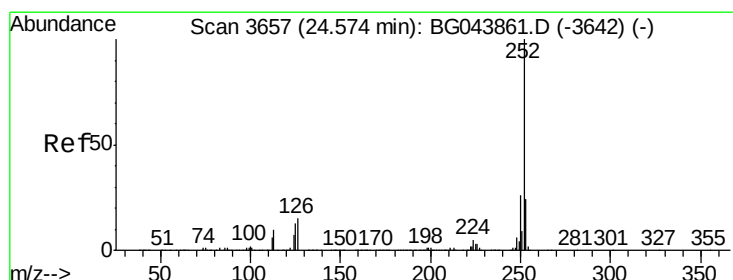
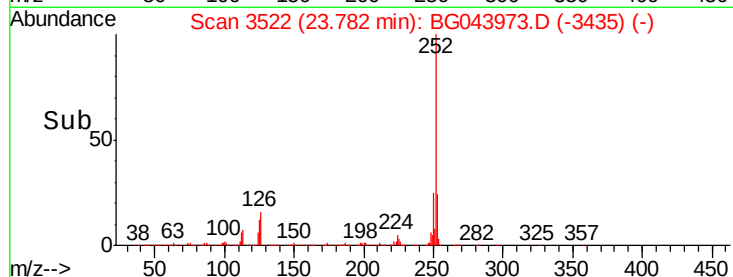
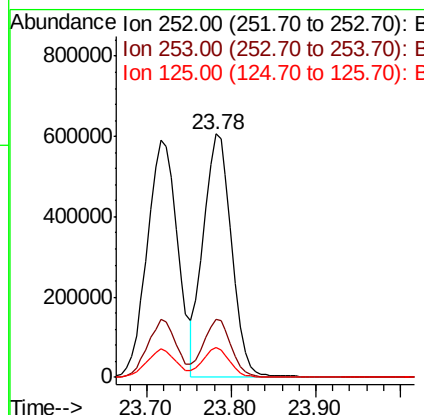
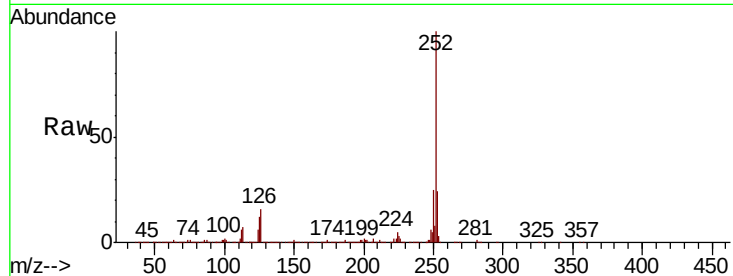
#89
Benzo(k)fluoranthene
Concen: 43.578 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.02 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	12.4	9.9	14.9

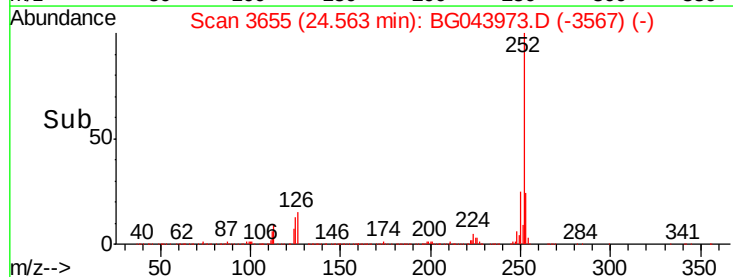
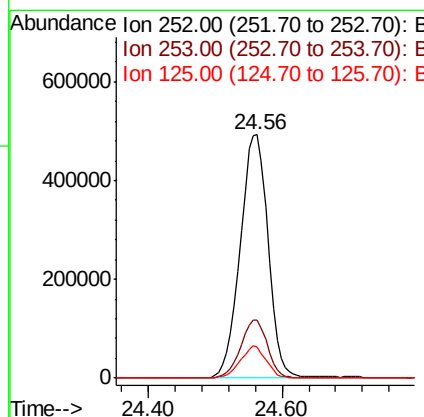
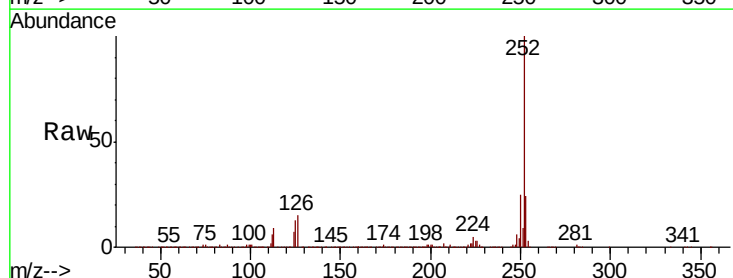
Manual Integrations
APPROVED

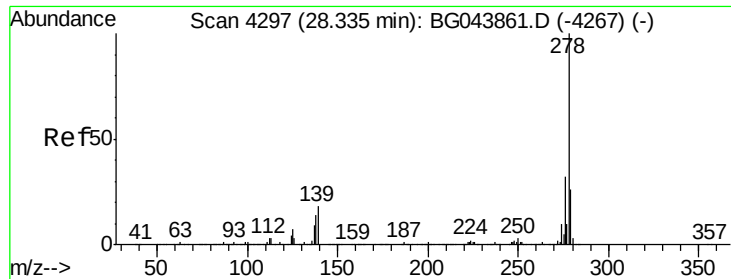
mohammad
1/9/2020 12:10:06 PM



#90
Benzo(a)pyrene
Concen: 44.179 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	12.7	10.4	15.6





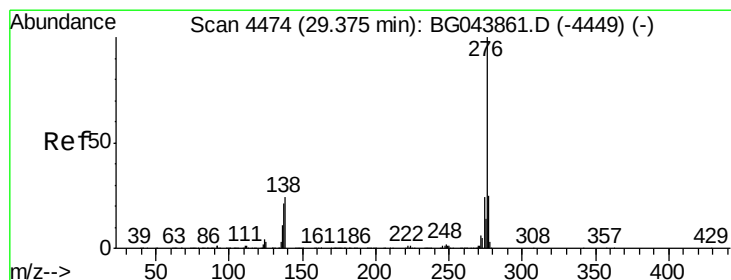
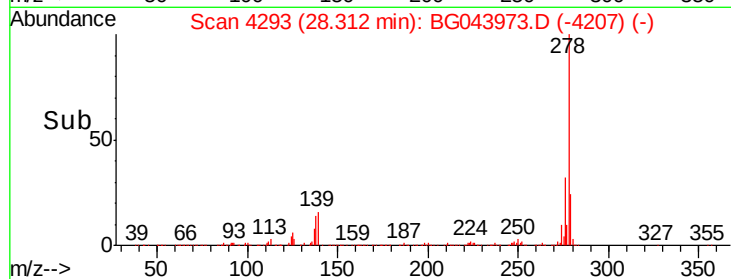
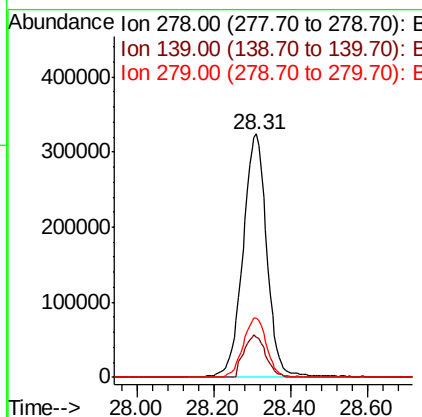
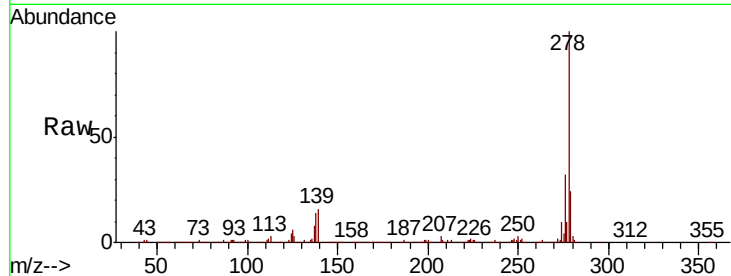
#91
Dibenzo(a,h)anthracene
Concen: 43.337 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.02 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	24.4	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:06 PM



#92
Benzo(g,h,i)perylene
Concen: 43.720 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043973.D
Acq: 8 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.4
138	24.0	19.0	28.6

