

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045273.D
 Acq On : 7 May 2020 17:20
 Operator : CG/JU
 Sample : PB128711BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Manual Integrations
 APPROVED

mohammad
 5/8/2020 1:00:06 PM

Quant Time: May 07 18:10:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59897	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	242564	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	177469	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	419209	20.00	ng	0.00
76) Chrysene-d12	21.64	240	393592	20.00	ng	0.00
87) Perylene-d12	24.81	264	428703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	475065	130.94	ng	0.00
7) Phenol-d6	7.15	99	666904	123.72	ng	0.00
23) Nitrobenzene-d5	9.14	82	430746	81.03	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	341572	124.59	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1017198	84.04	ng	0.00
79) Terphenyl-d14	19.99	244	1713885	94.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	58959	36.567	ng	100
3) Pyridine	3.83	79	135672	27.329	ng	94
4) n-Nitrosodimethylamine	3.75	42	61573	40.488	ng	93
6) Aniline	7.30	93	192907	27.525	ng	97
8) 2-Chlorophenol	7.55	128	176902	45.369	ng	98
9) Benzaldehyde	7.11	77	136069	47.032	ng	97
10) Phenol	7.18	94	224897	41.694	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	164723	38.356	ng	100
12) 1,3-Dichlorobenzene	7.88	146	189168	41.171	ng	94
13) 1,4-Dichlorobenzene	8.02	146	186010	40.629	ng	98
14) 1,2-Dichlorobenzene	8.34	146	176812	40.368	ng	92
15) Benzyl Alcohol	8.22	79	173945	38.489	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.51	45	151068	35.835	ng	94
17) 2-Methylphenol	8.43	107	159665	38.365	ng	91
18) Hexachloroethane	9.07	117	73923	42.951	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	143352	37.605	ng	99
20) 3+4-Methylphenols	8.76	107	211487	36.305	ng	98
22) Acetophenone	8.80	105	262921	40.082	ng	99
24) Nitrobenzene	9.19	77	219123	40.212	ng	96
25) Isophorone	9.71	82	406556	37.345	ng	99
26) 2-Nitrophenol	9.90	139	99075	42.210	ng	95
27) 2,4-Dimethylphenol	9.96	122	163785	43.977	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	227006	39.687	ng	99
29) 2,4-Dichlorophenol	10.44	162	184297	42.856	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	199860	41.048	ng	96
31) Naphthalene	10.84	128	544003	40.997	ng	99
32) Benzoic acid	10.11	122	91188	32.658	ng	99
33) 4-Chloroaniline	10.95	127	105621	17.068	ng	99
34) Hexachlorobutadiene	11.14	225	140348	42.042	ng	98
35) Caprolactam	11.71	113	63065m	36.847	ng	
36) 4-Chloro-3-methylphenol	12.08	107	208455	41.263	ng	98
37) 2-Methylnaphthalene	12.45	142	417363	40.523	ng	98
38) 1-Methylnaphthalene	12.67	142	400024	41.141	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	238926	41.814	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045273.D
 Acq On : 7 May 2020 17:20
 Operator : CG/JU
 Sample : PB128711BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

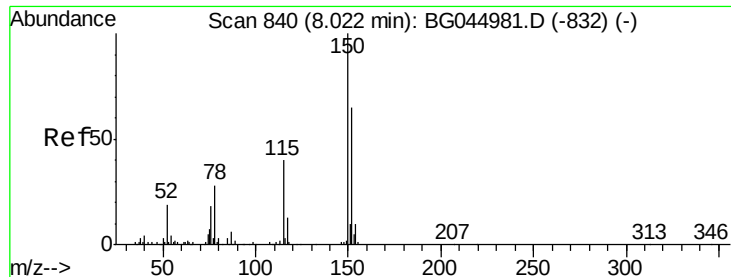
Manual Integrations
 APPROVED

mohammad
 5/8/2020 1:00:06 PM

Quant Time: May 07 18:10:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	271240	75.949	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	168858	41.872	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	177634	38.697	ng	97
46) 1,1'-Biphenyl	13.46	154	537332	39.835	ng	97
47) 2-Chloronaphthalene	13.50	162	412270	40.000	ng	99
48) 2-Nitroaniline	13.70	65	136455	40.239	ng	99
49) Acenaphthylene	14.35	152	695226	41.411	ng	99
50) Dimethylphthalate	14.08	163	562372	38.918	ng	99
51) 2,6-Dinitrotoluene	14.19	165	129569	40.088	ng	96
52) Acenaphthene	14.69	154	507315m	44.662	ng	
53) 3-Nitroaniline	14.53	138	78210	22.063	ng	100
54) 2,4-Dinitrophenol	14.73	184	143097	74.455	ng	# 88
55) Dibenzofuran	15.02	168	677357	40.902	ng	98
56) 4-Nitrophenol	14.84	139	214940	78.201	ng	92
57) 2,4-Dinitrotoluene	14.98	165	183308	38.808	ng	99
58) Fluorene	15.68	166	556713	41.156	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	176201	43.140	ng	99
60) Diethylphthalate	15.45	149	587993	39.028	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	314408	40.382	ng	98
62) 4-Nitroaniline	15.69	138	121528	33.053	ng	96
63) Azobenzene	15.96	77	562294	40.481	ng	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	110184	39.987	ng	98
66) n-Nitrosodiphenylamine	15.88	169	499585	41.478	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	216196	39.976	ng	95
68) Hexachlorobenzene	16.69	284	236639	42.190	ng	98
69) Atrazine	16.83	200	193513	43.936	ng	99
70) Pentachlorophenol	17.03	266	275676	80.119	ng	99
71) Phenanthrene	17.42	178	914284	42.442	ng	99
72) Anthracene	17.51	178	933140	43.183	ng	99
73) Carbazole	17.77	167	847126	38.631	ng	98
74) Di-n-butylphthalate	18.34	149	1025359	42.636	ng	100
75) Fluoranthene	19.42	202	1126408	44.405	ng	98
77) Benzidine	19.60	184	632181	57.049	ng	99
78) Pyrene	19.79	202	1106395	40.775	ng	98
80) Butylbenzylphthalate	20.68	149	455594	40.506	ng	98
81) Benzo(a)anthracene	21.62	228	1077362	42.232	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	255929	25.205	ng	96
83) Chrysene	21.69	228	1013746	41.359	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	645897	41.754	ng	99
85) Di-n-octyl phthalate	22.74	149	1094537	40.917	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1354786	41.631	ng	100
88) Benzo(b)fluoranthene	23.81	252	1135382	42.280	ng	97
89) Benzo(k)fluoranthene	23.88	252	1102902	43.187	ng	98
90) Benzo(a)pyrene	24.66	252	1049740	41.403	ng	98
91) Dibenzo(a,h)anthracene	28.48	278	1104143	43.218	ng	# 97
92) Benzo(g,h,i)perylene	29.55	276	1123012	43.845	ng	98

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



#1

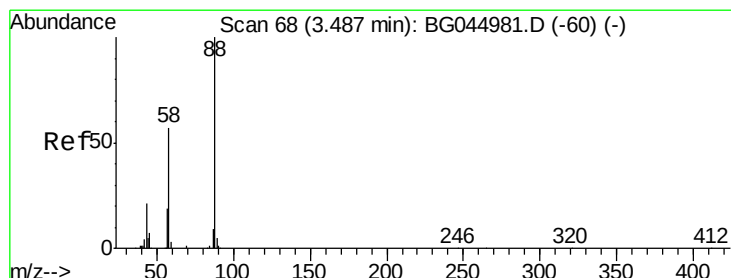
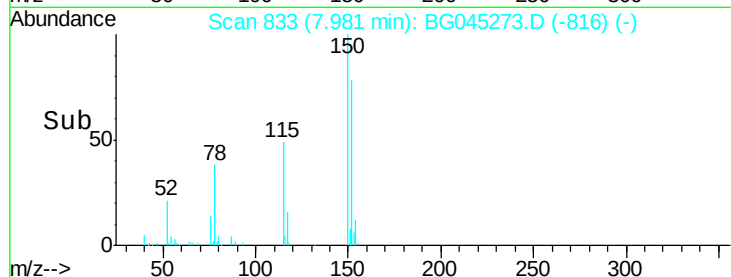
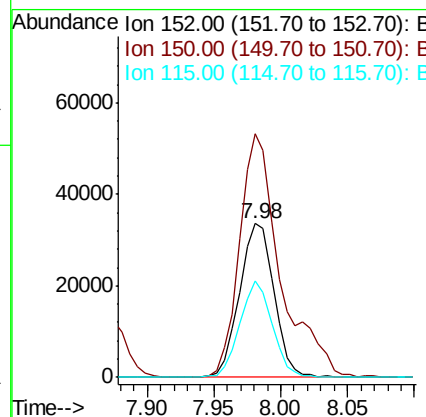
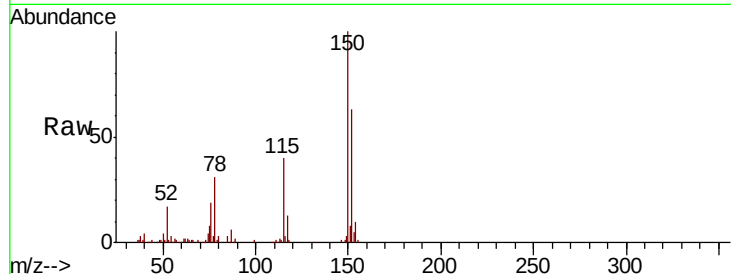
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.6	185.4
115	62.6	49.1	73.7

Manual Integrations
APPROVED

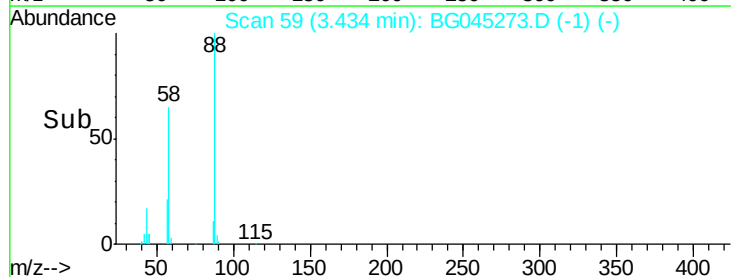
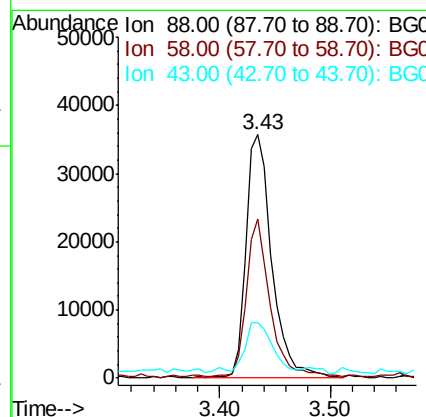
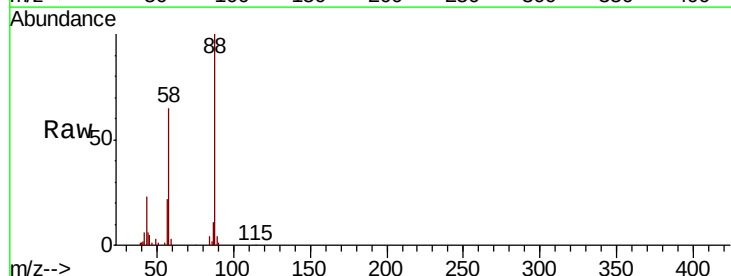
mohammad
5/8/2020 1:00:06 PM

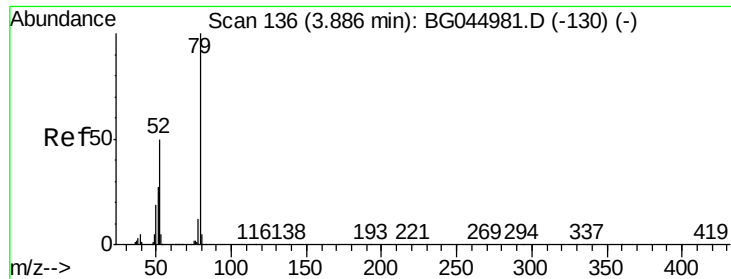


#2

1,4-Dioxane
Concen: 36.567 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	22.1	17.5	26.3





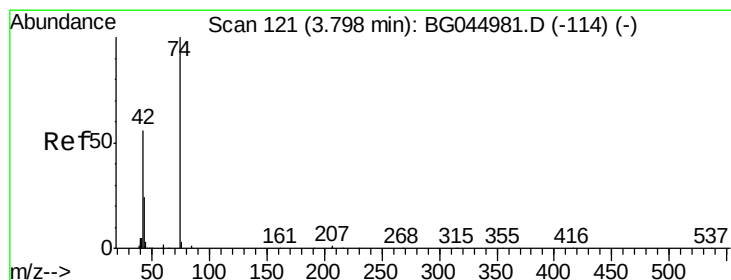
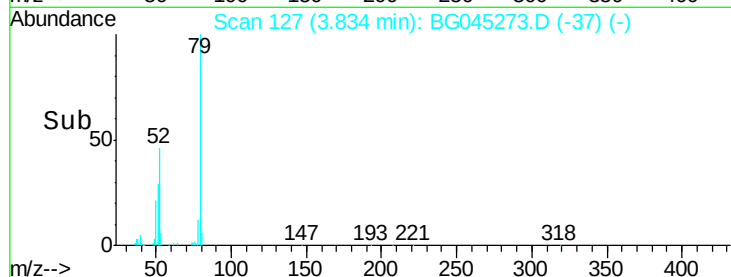
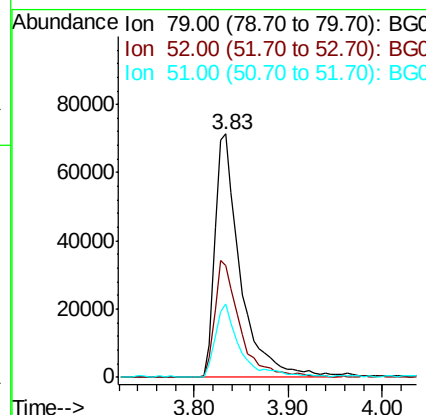
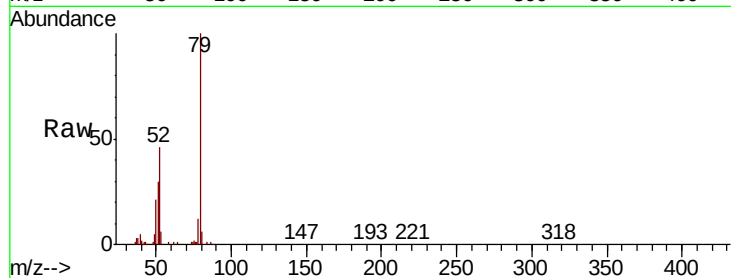
#3
 Pvridine
 Concen: 27.329 ng
 RT: 3.83 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.1	39.8	59.6
51	30.0	21.4	32.2

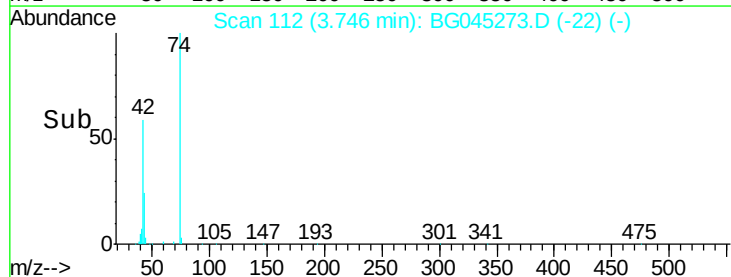
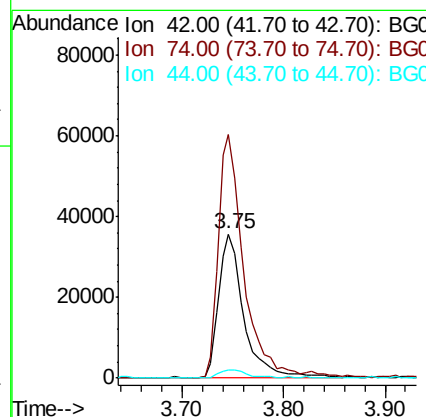
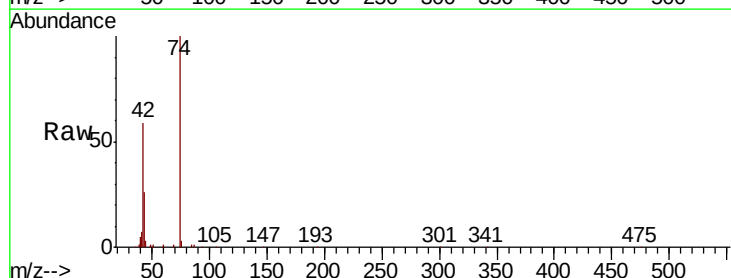
Manual Integrations
 APPROVED

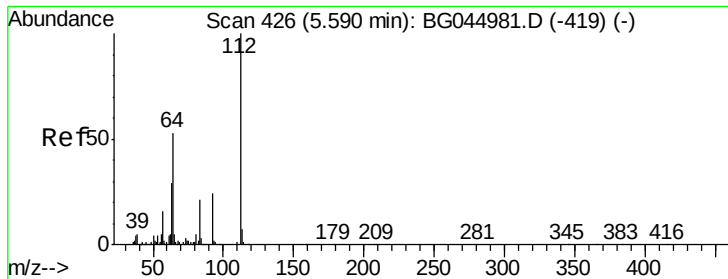
mohammad
 5/8/2020 1:00:06 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.488 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.6	143.0	214.6
44	5.9	4.6	6.8





#5

2-Fluorophenol

Concen: 130.943 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

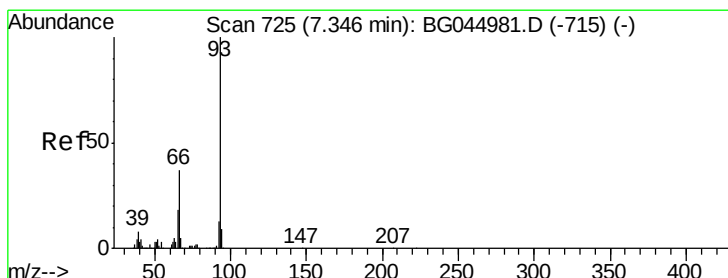
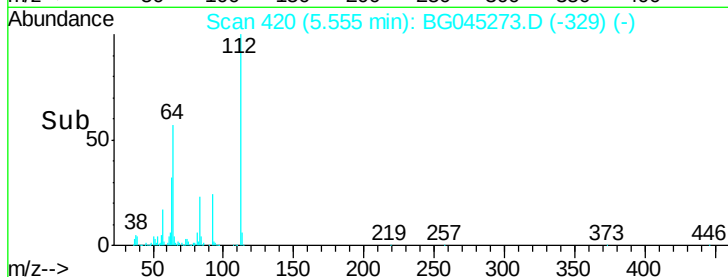
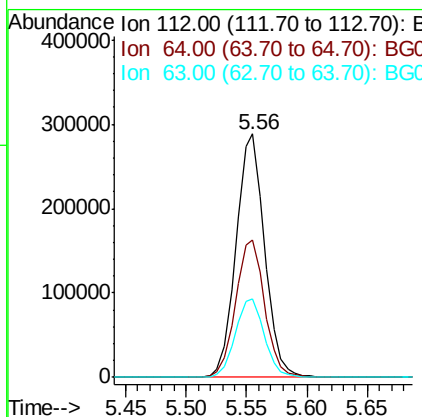
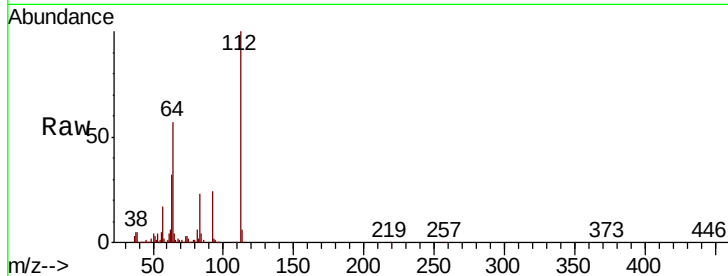
ClientSampleId :

PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	475065		
64	56.5		42.4	63.6
63	32.0		23.1	34.7

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#6

Aniline

Concen: 27.525 ng

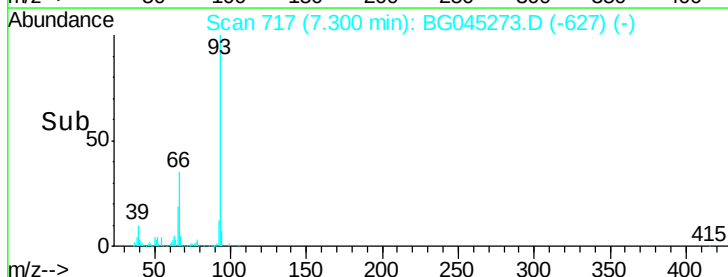
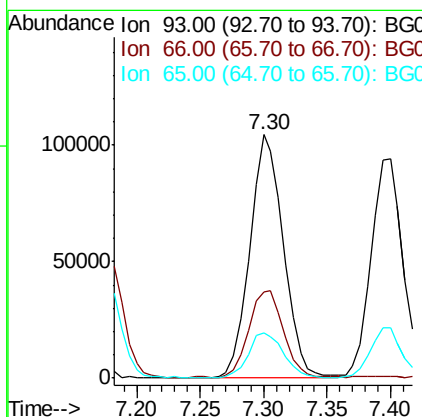
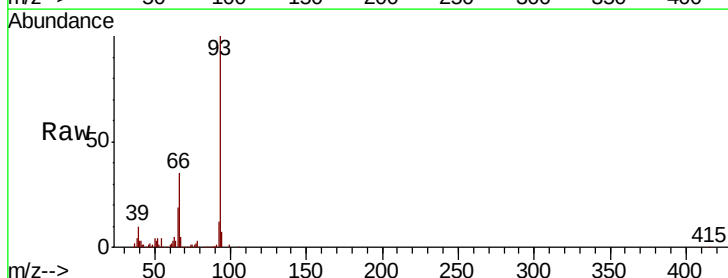
RT: 7.30 min Scan# 717

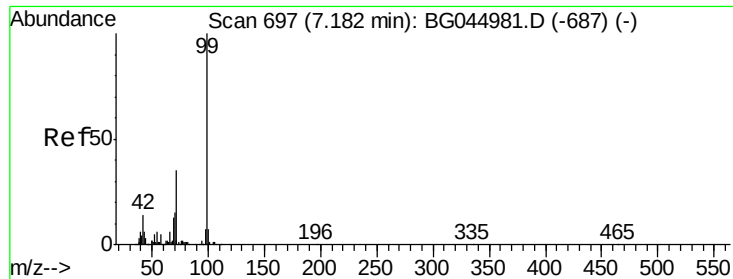
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192907		
66	35.2		29.8	44.8
65	18.8		14.6	22.0





#7

Phenol-d6

Concen: 123.722 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

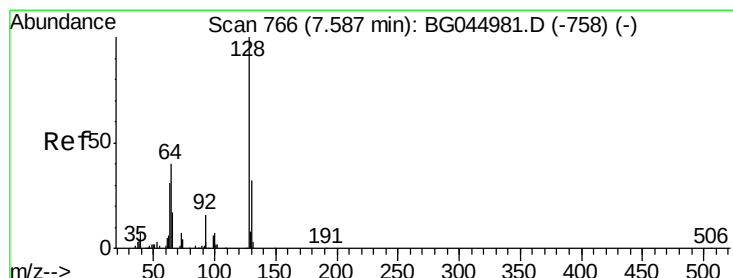
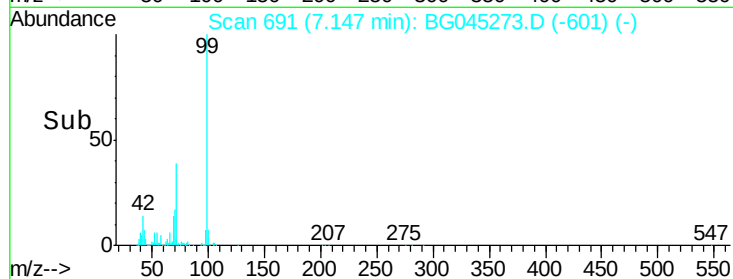
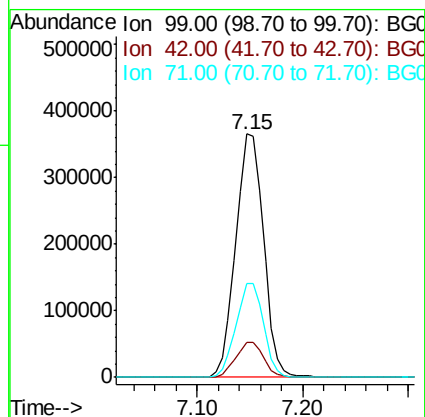
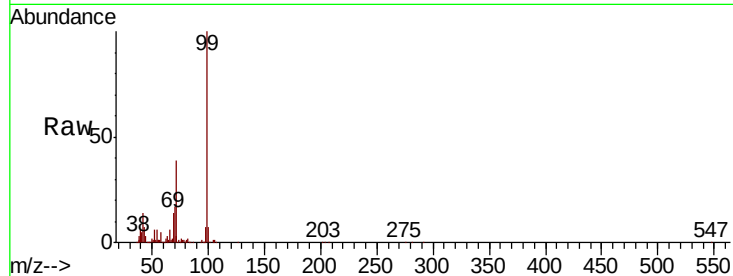
ClientSampleId :

PB128711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		666904		
42	14.3	11.3	16.9		
71	38.7	28.3	42.5		

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#8

2-Chlorophenol

Concen: 45.369 ng

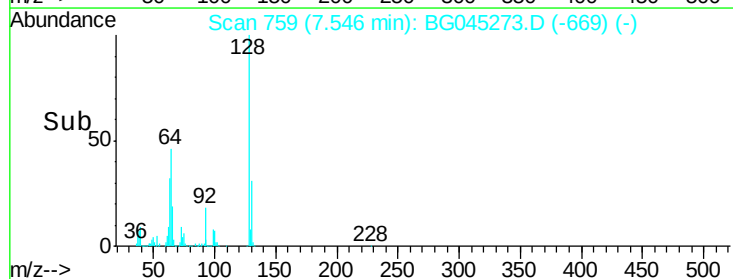
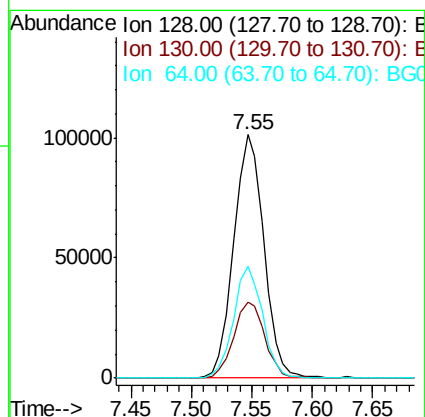
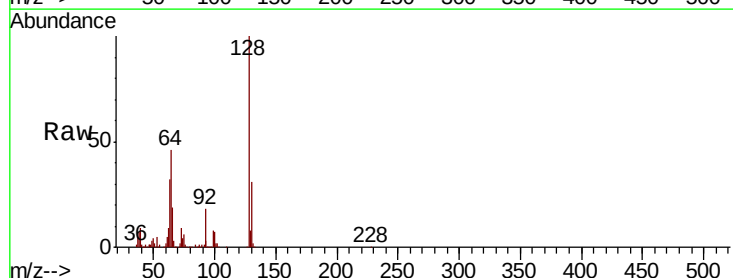
RT: 7.55 min Scan# 759

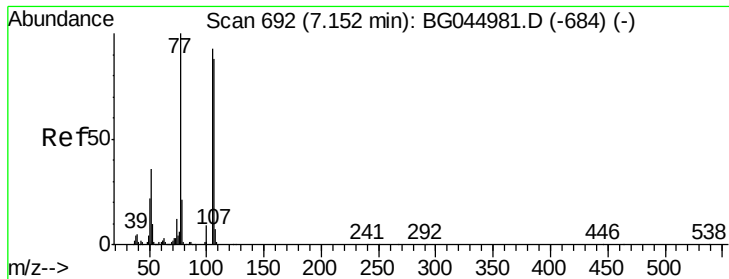
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		176902		
130	31.4	12.3	52.3		
64	46.0	24.4	64.4		





#9

Benzaldehyde

Concen: 47.032 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

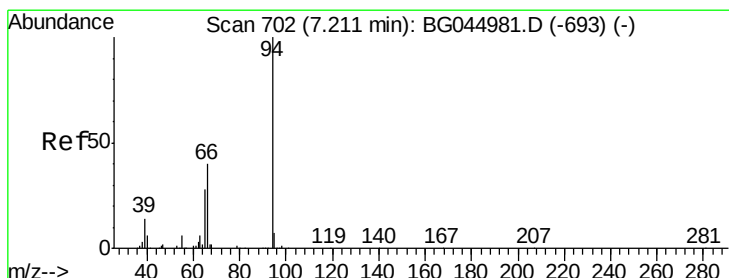
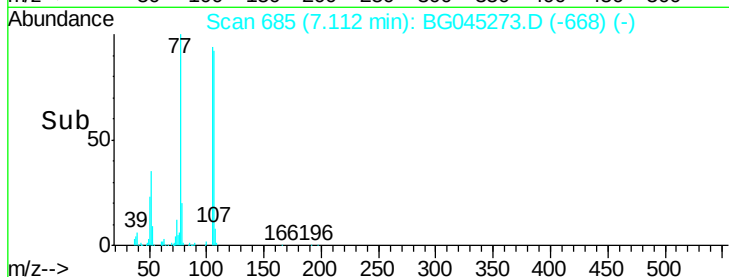
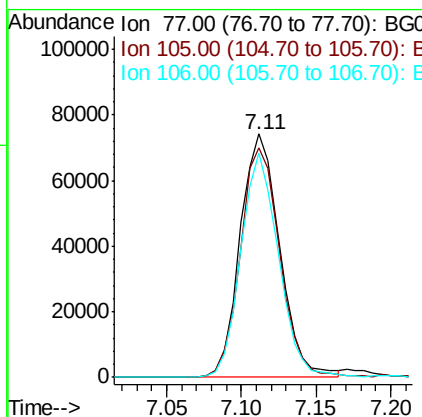
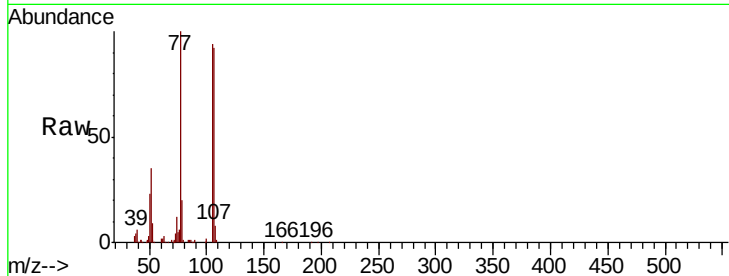
ClientSampleId :

PB128711BS

Tot Ion:	77	Resp:	136069
Ion	Ratio	Lower	Upper
77	100		
105	94.2	72.9	112.9
106	92.0	67.6	107.6

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#10

Phenol

Concen: 41.694 ng

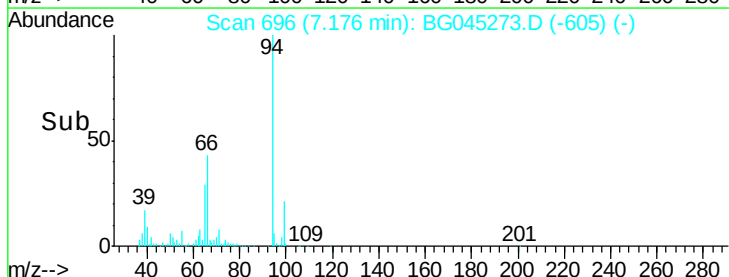
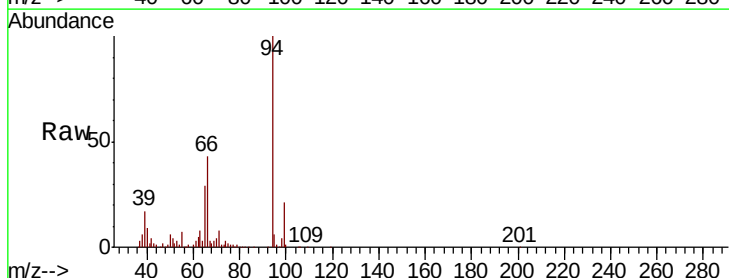
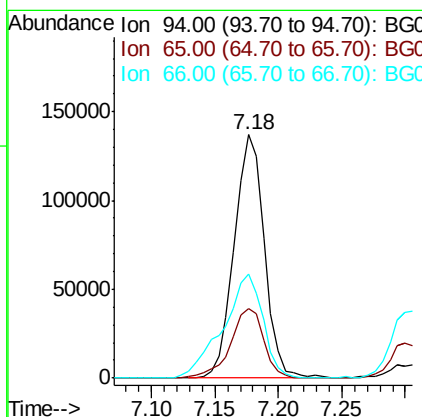
RT: 7.18 min Scan# 696

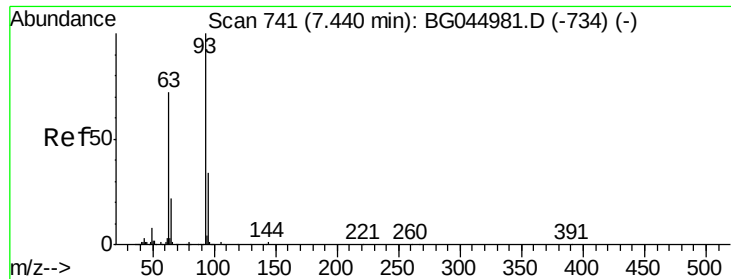
Delta R.T. 0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	94	Resp:	224897
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.2	48.2
66	42.8	20.4	60.4





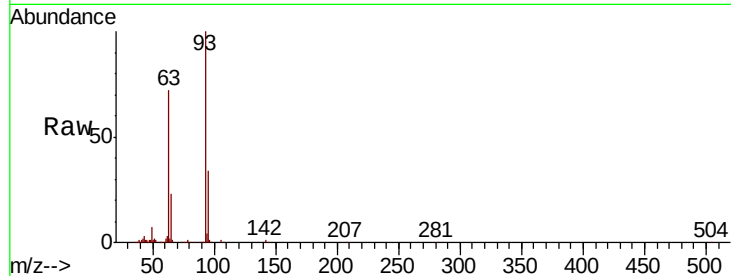
#11
bis(2-Chloroethyl)ether
Concen: 38.356 ng
RT: 7.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	51.8	91.8
95	34.4	13.8	53.8

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM

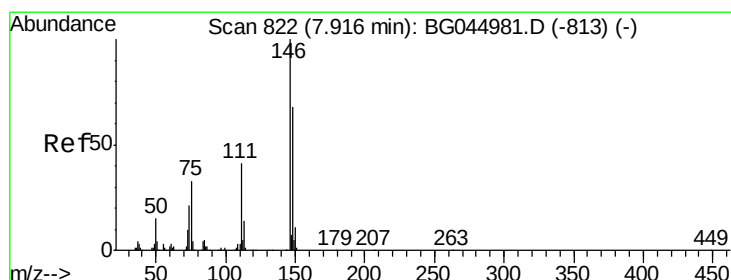
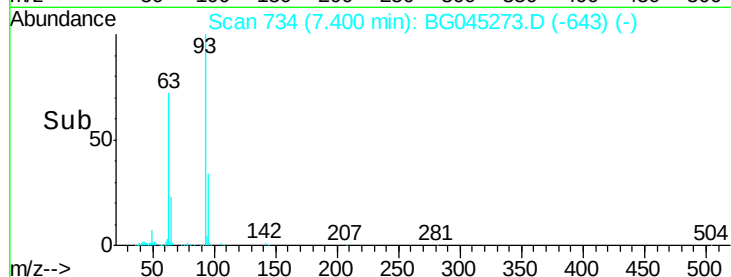
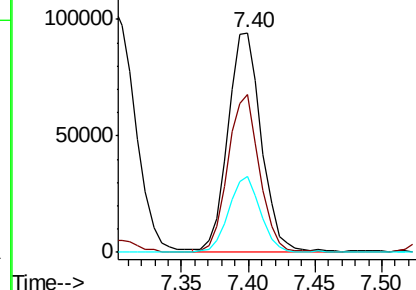


Abundance

Ion 93.00 (92.70 to 93.70): BGC

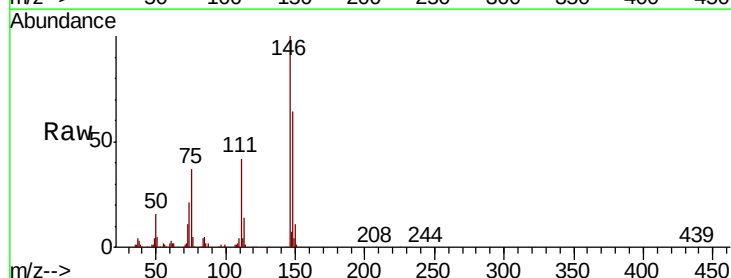
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 41.171 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	54.6	81.8
75	36.6	26.0	39.0

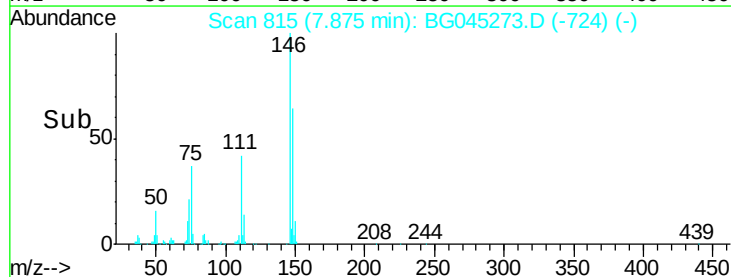
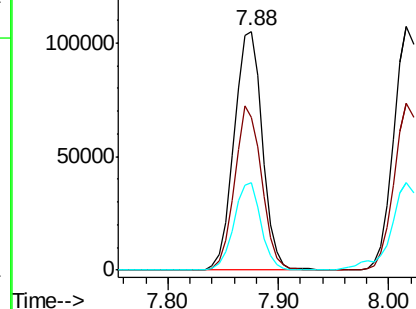


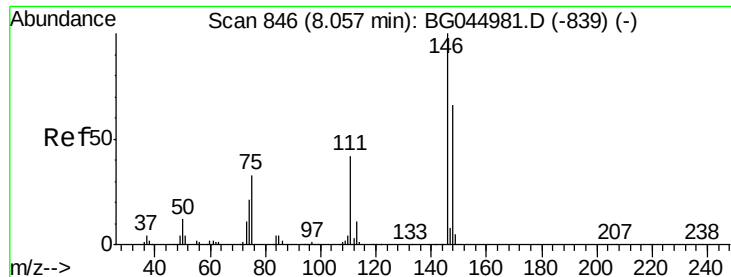
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





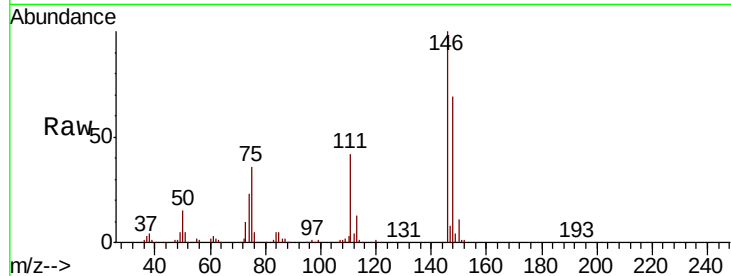
#13
1,4-Dichlorobenzene
Concen: 40.629 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.3	79.9
111	42.4	33.8	50.8

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM

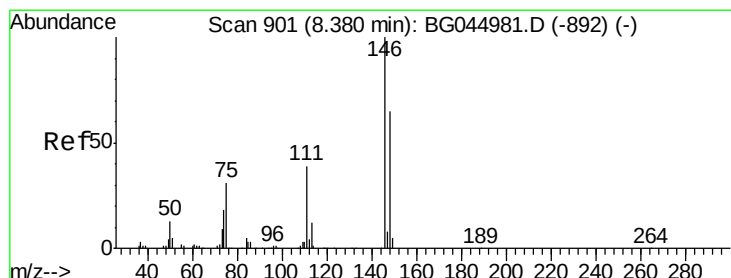
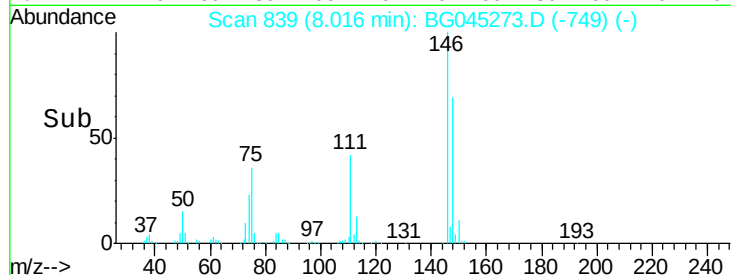
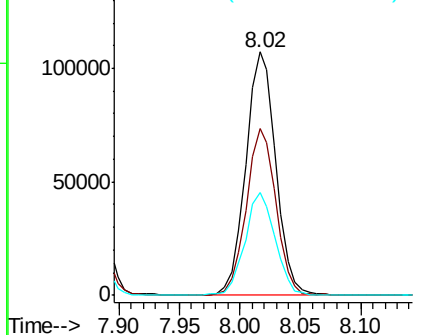


Abundance

Ion 146.00 (145.70 to 146.70): E

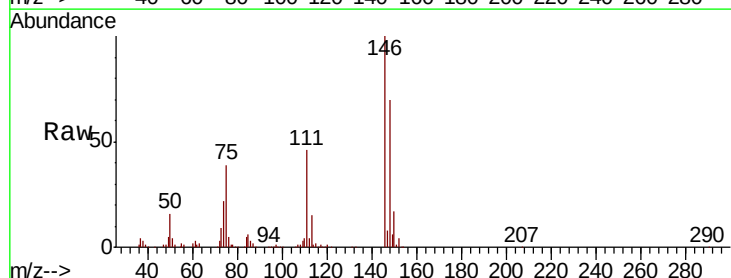
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.368 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.9	77.9
111	46.1	31.3	46.9

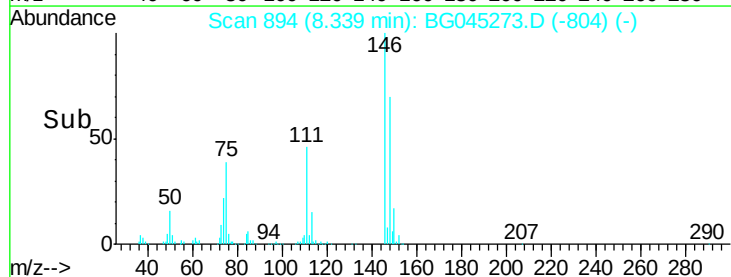
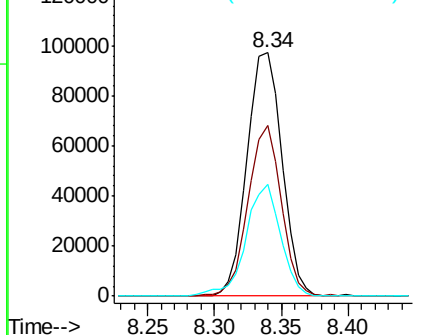


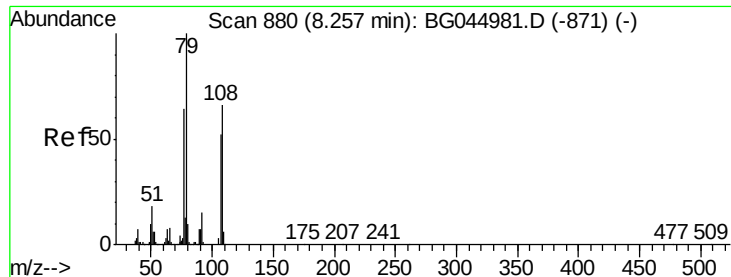
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.489 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

ClientSampleId :

PB128711BS

Tot Ion: 79 Resp: 173945

Ion Ratio Lower Upper

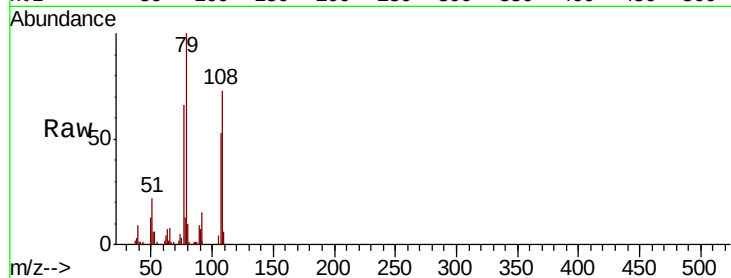
79 100

108 73.4 52.7 79.1

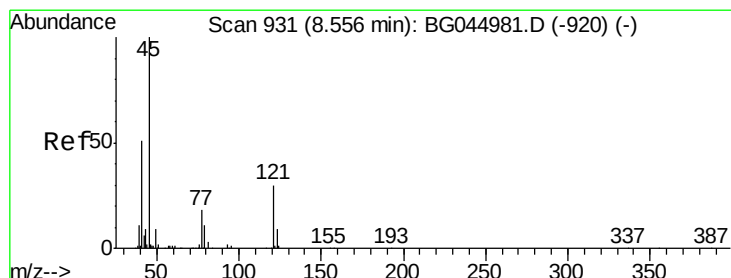
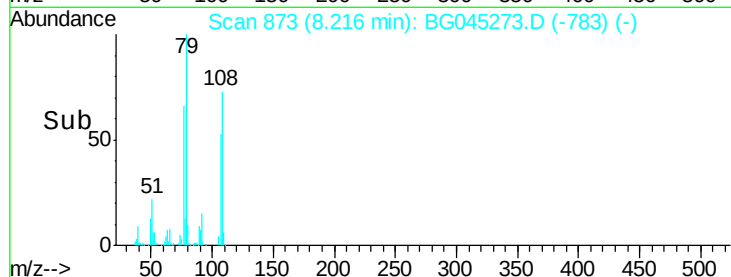
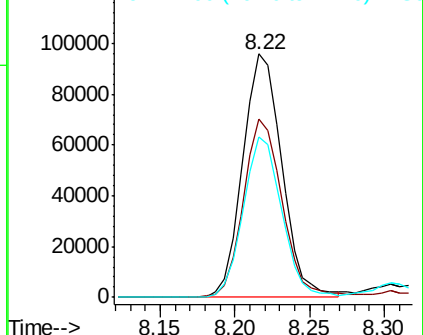
77 65.7 51.3 76.9

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.835 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

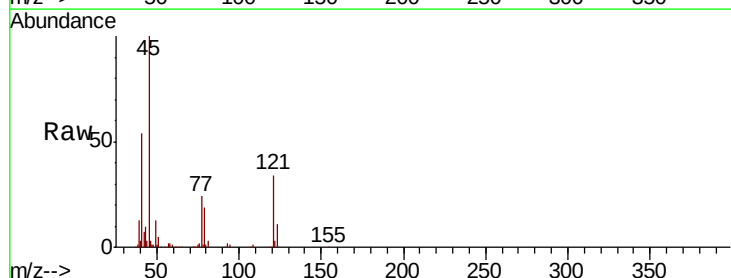
Tgt Ion: 45 Resp: 151068

Ion Ratio Lower Upper

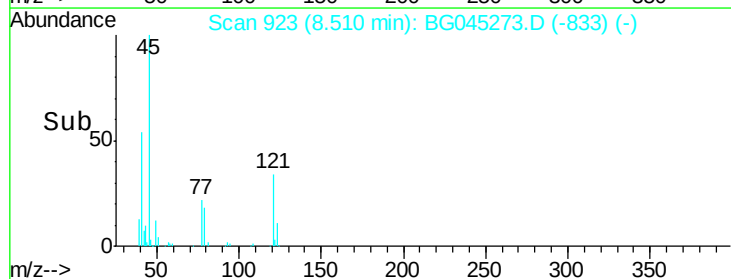
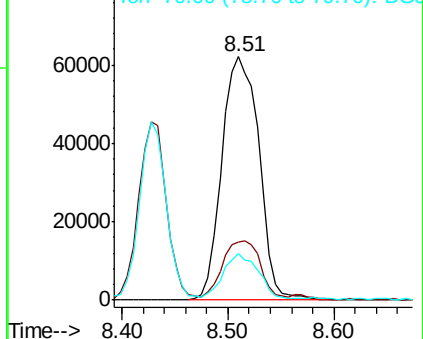
45 100

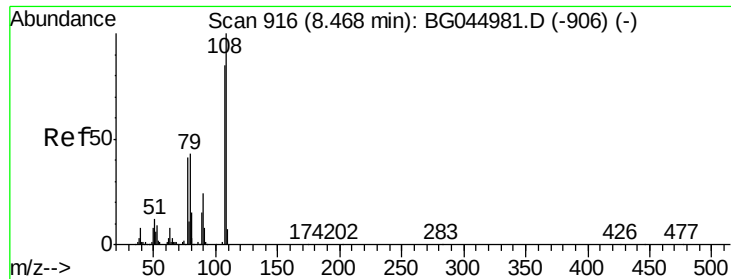
77 23.9 1.9 41.9

79 19.3 0.0 35.5



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





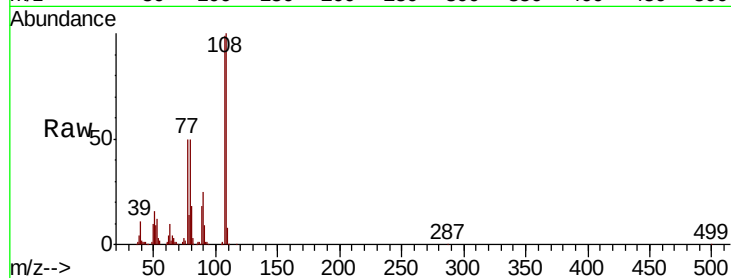
#17
2-Methylphenol
Concen: 38.365 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.4	93.8	140.6	
77	50.4	38.5	57.7	
79	50.4	40.1	60.1	

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



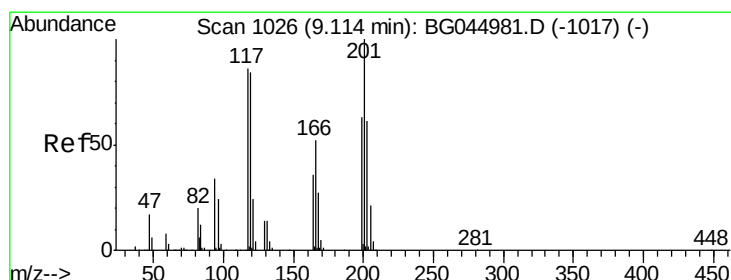
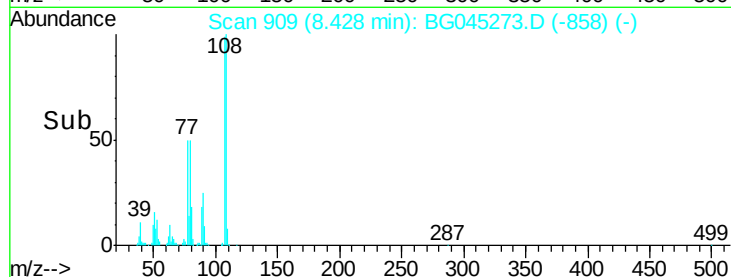
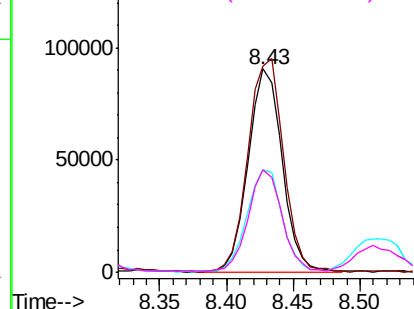
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

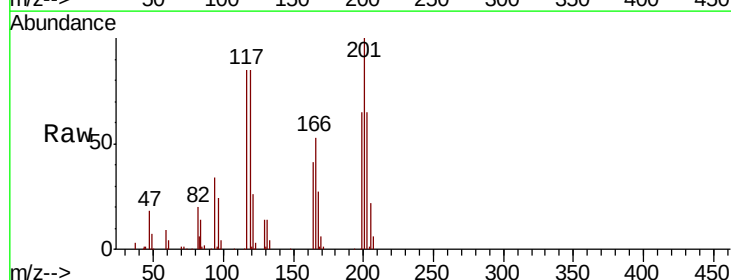
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.951 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	78.3	117.5	
201	117.2	92.9	139.3	

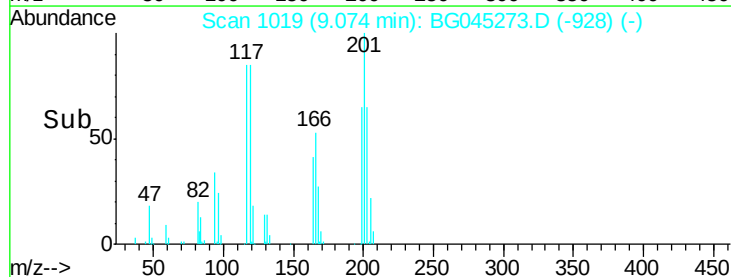
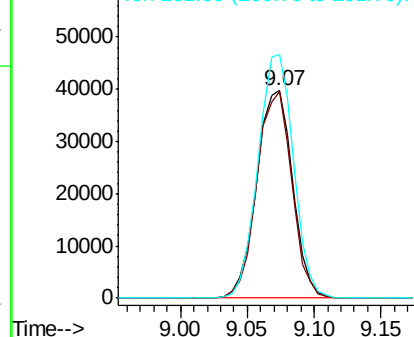


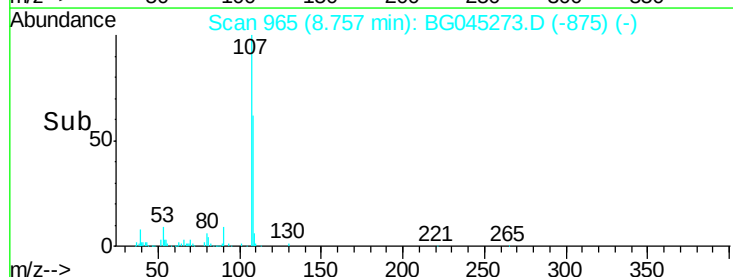
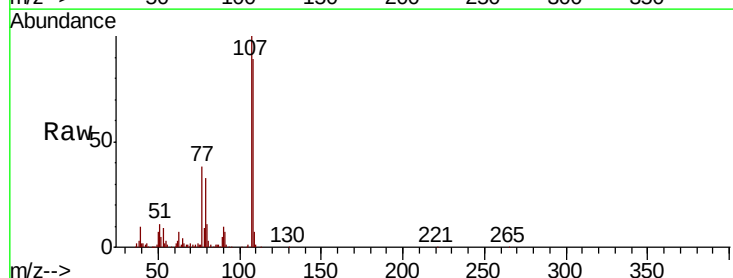
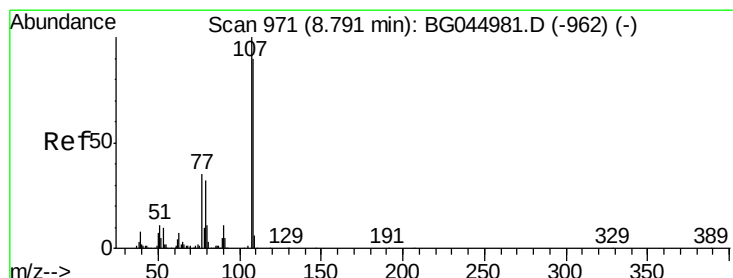
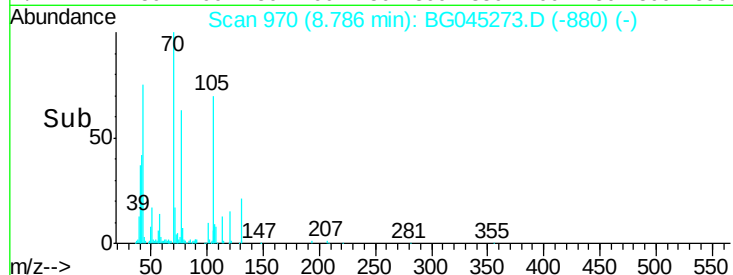
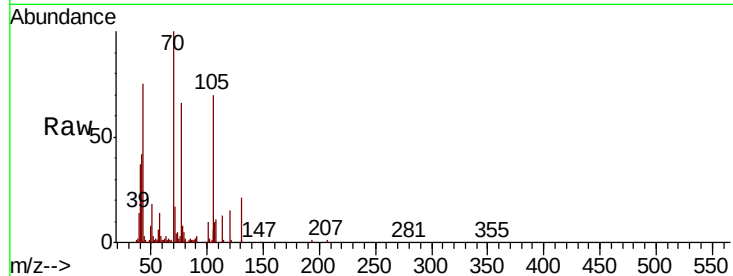
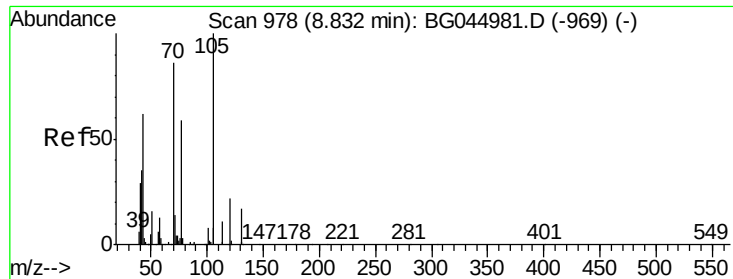
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

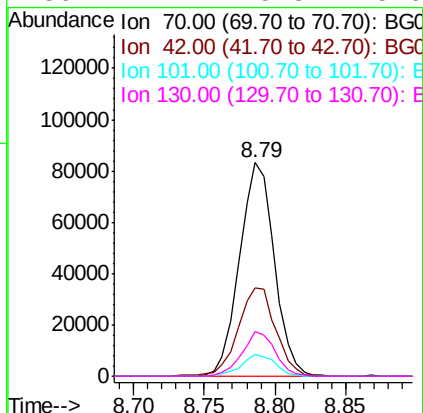
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 37.605 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.6	33.3	49.9	
101	10.3	7.8	11.8	
130	21.1	15.8	23.6	



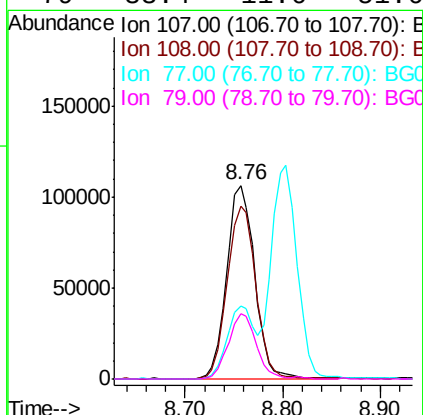
Instrument :
BNA_G
ClientSampleId :
PB128711BS

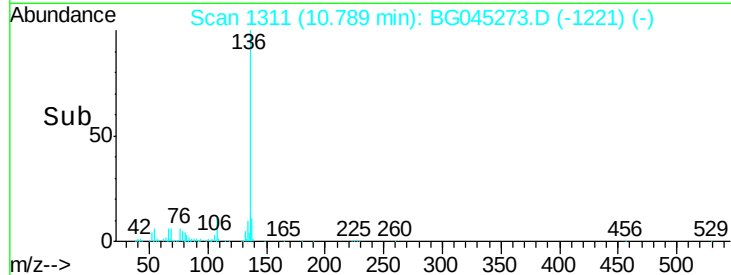
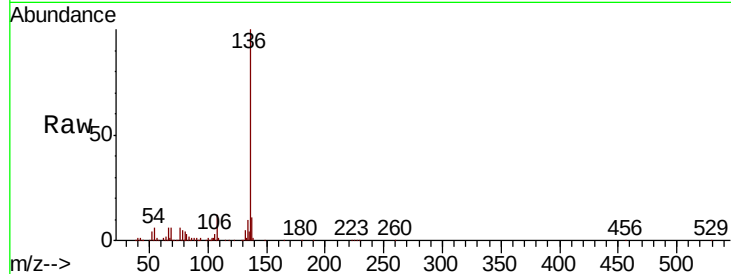
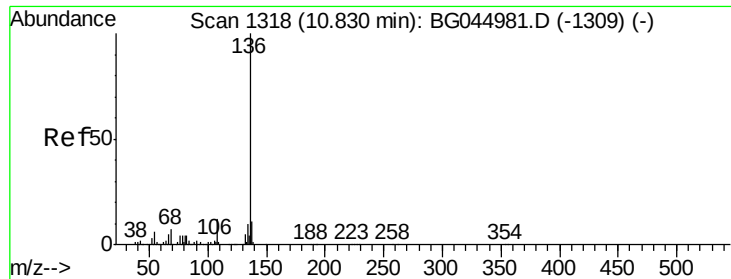
Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM

#20
3+4-Methylphenols
Concen: 36.305 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

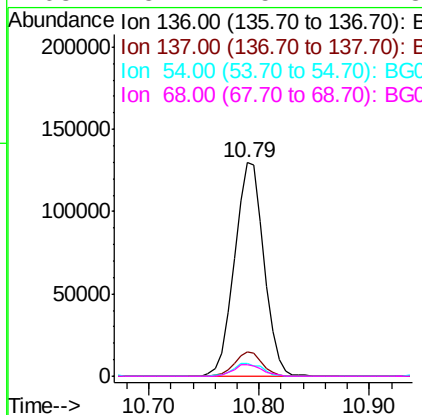
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	69.9	109.9	
77	37.9	15.2	55.2	
79	33.4	11.6	51.6	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

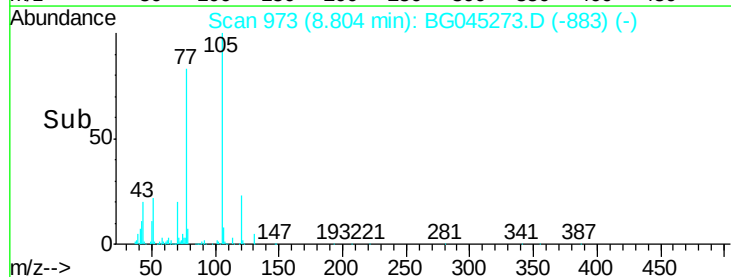
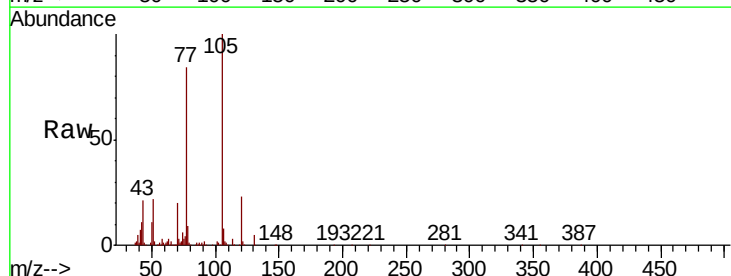
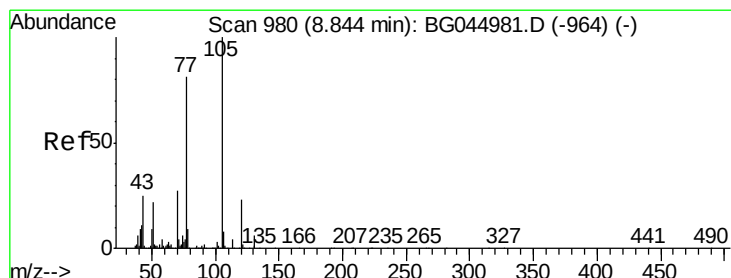
Tot Ion	Ratio	Resp	Lower	Upper
136	100	242564		
137	11.2	8.6	13.0	
54	5.8	4.8	7.2	
68	5.7	5.2	7.8	



Instrument :
BNA_G
ClientSampleId :
PB128711BS

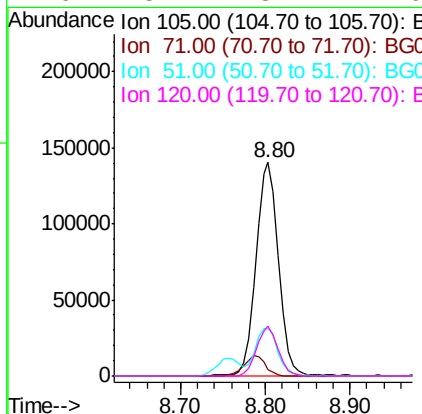
Manual Integrations
APPROVED

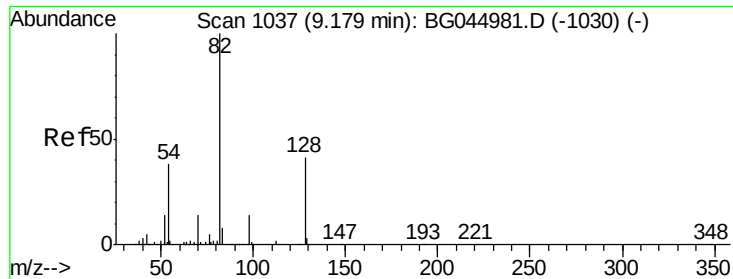
mohammad
5/8/2020 1:00:06 PM



#22
Acetophenone
Concen: 40.082 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262921		
71	3.3	3.3	4.9	
51	22.4	17.3	25.9	
120	23.2	18.4	27.6	





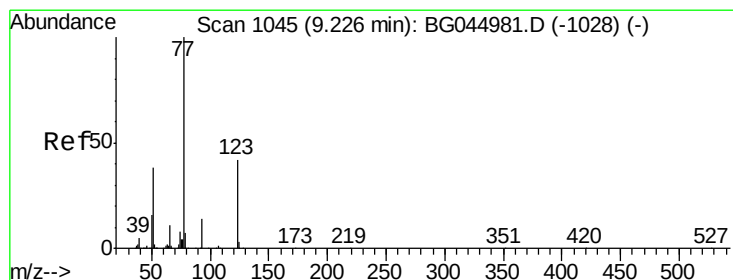
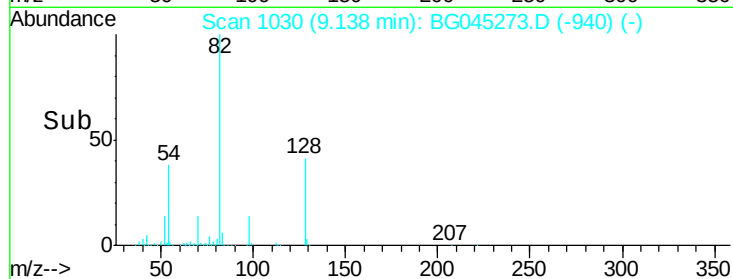
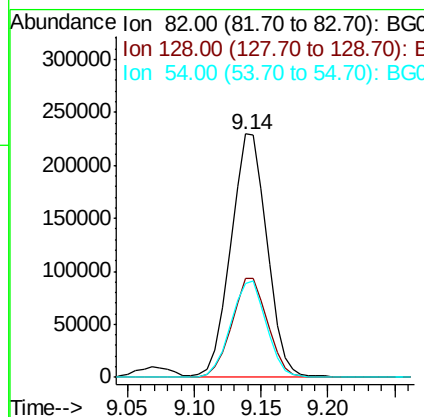
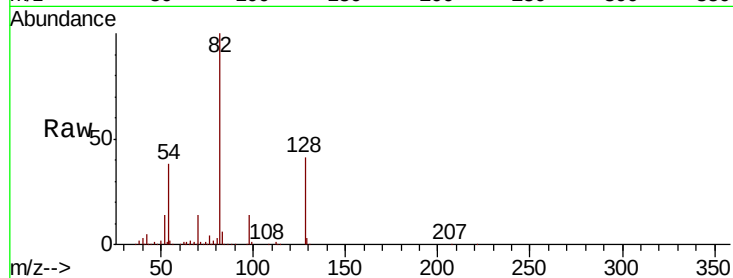
#23
 Nitrobenzene-d5
 Concen: 81.028 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	38.4	30.4	45.6

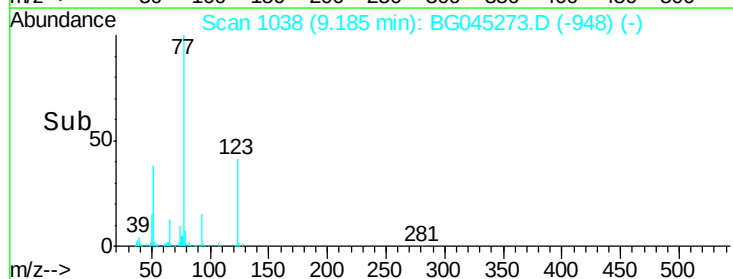
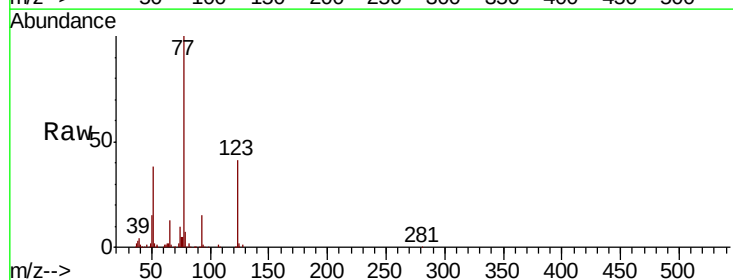
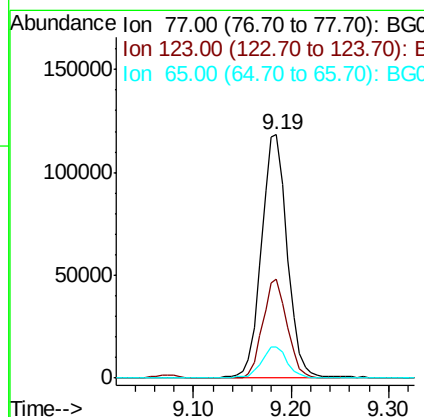
Manual Integrations
 APPROVED

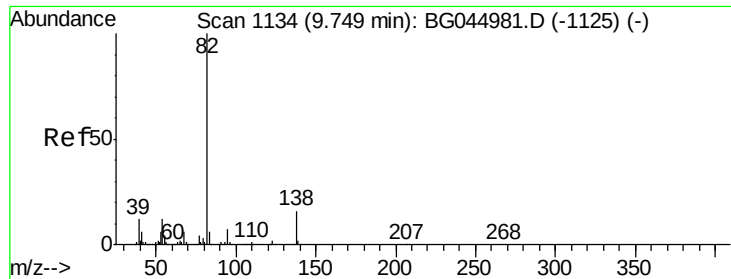
mohammad
 5/8/2020 1:00:06 PM



#24
 Nitrobenzene
 Concen: 40.212 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	34.3	51.5
65	13.0	8.9	13.3





#25

Isophorone

Concen: 37.345 ng

RT: 9.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

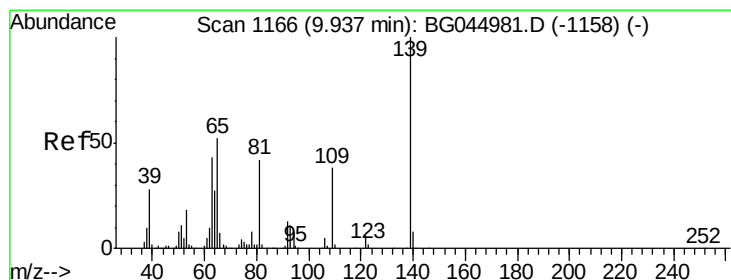
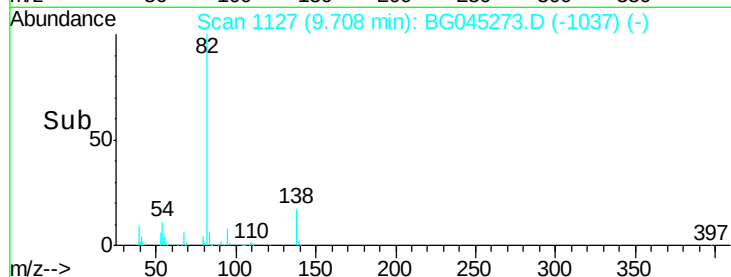
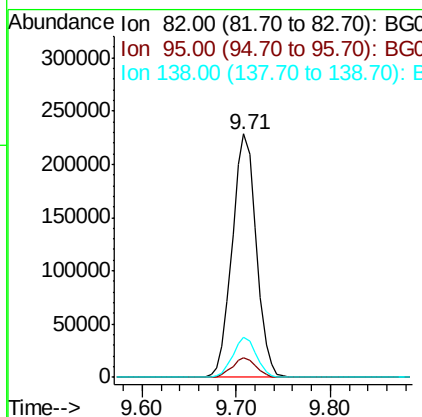
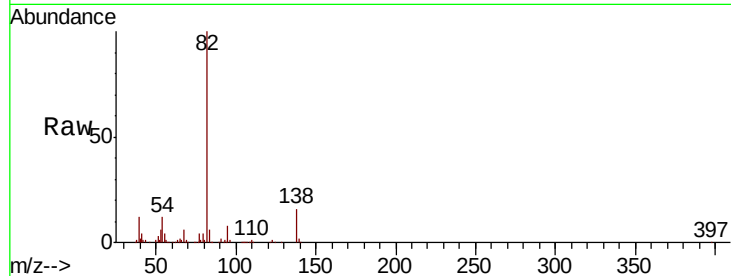
ClientSampleId :

PB128711BS

Tot Ion:	82	Resp:	406556
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.0	9.0
138	16.4	12.7	19.1

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#26

2-Nitrophenol

Concen: 42.210 ng

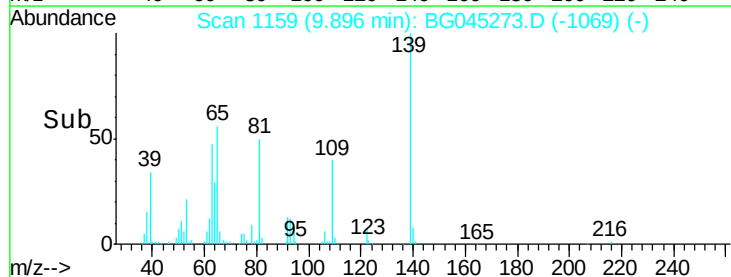
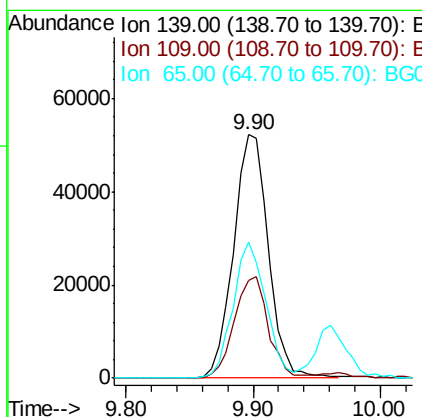
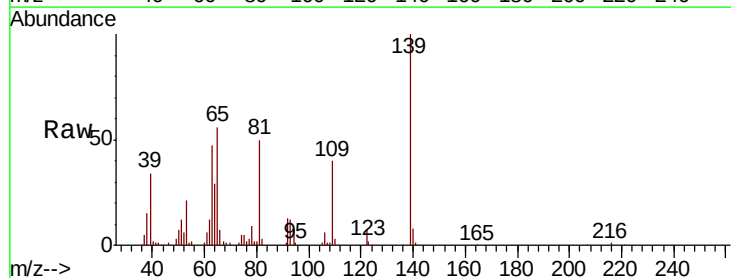
RT: 9.90 min Scan# 1159

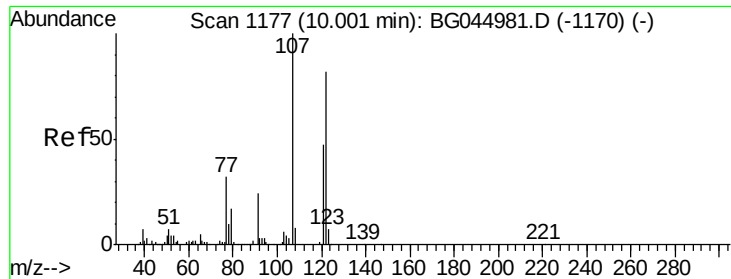
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	139	Resp:	99075
Ion Ratio		Lower	Upper
139	100		
109	40.3	30.6	45.8
65	56.0	41.8	62.6





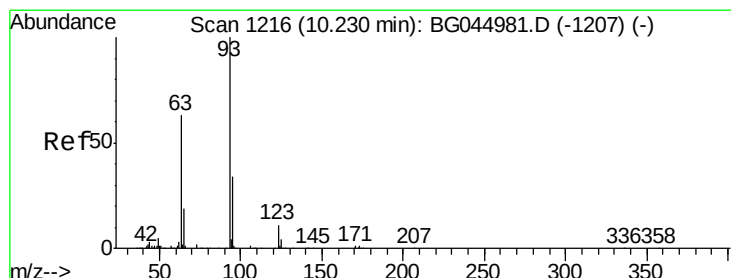
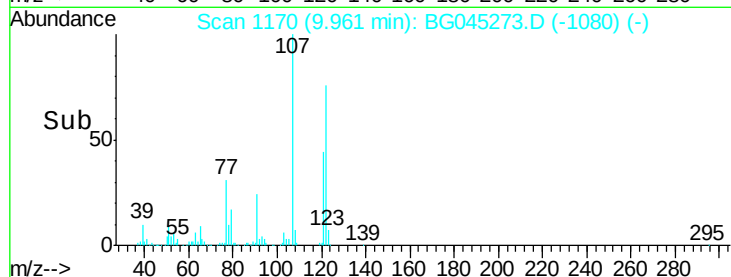
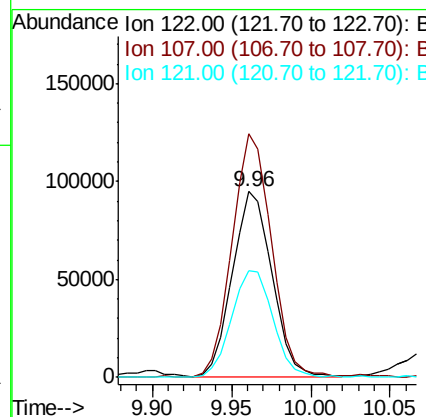
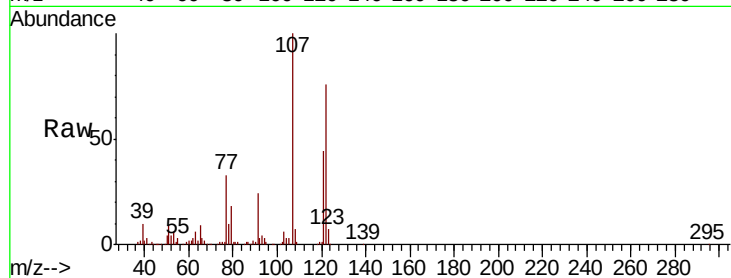
#27
 2,4-Dimethylphenol
 Concen: 43.977 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	163785		
107	131.3	96.8	145.2	
121	57.7	45.6	68.4	

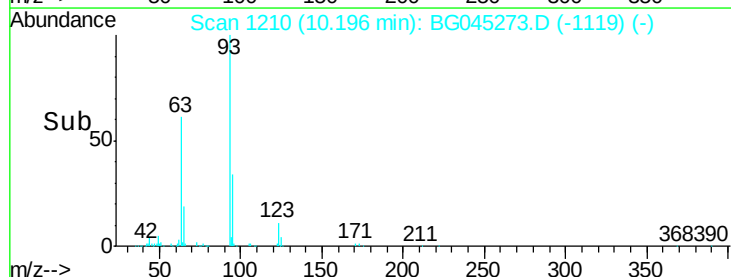
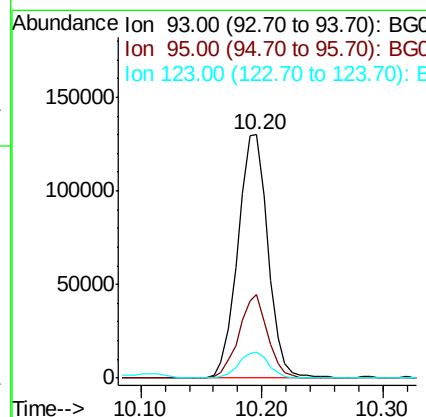
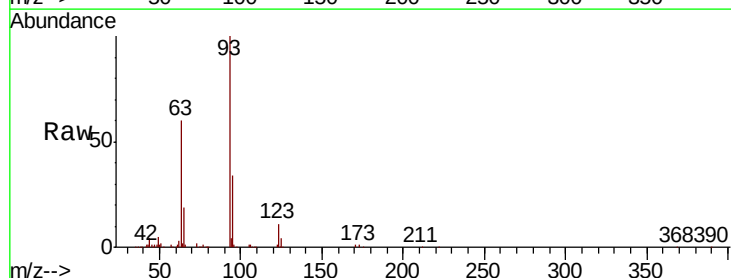
Manual Integrations
 APPROVED

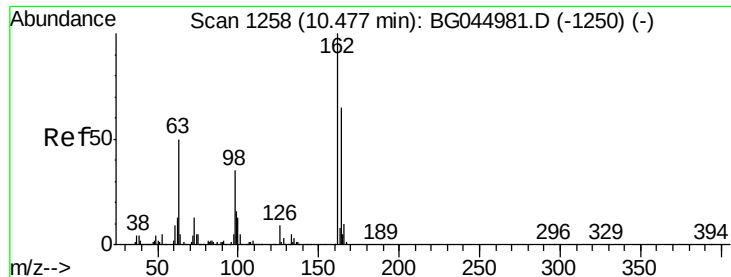
mohammad
 5/8/2020 1:00:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.687 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227006		
95	34.3	27.0	40.4	
123	10.9	8.7	13.1	





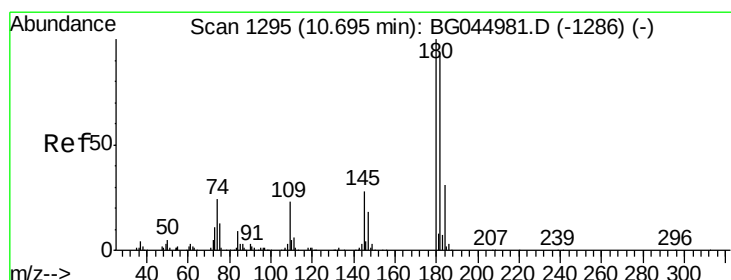
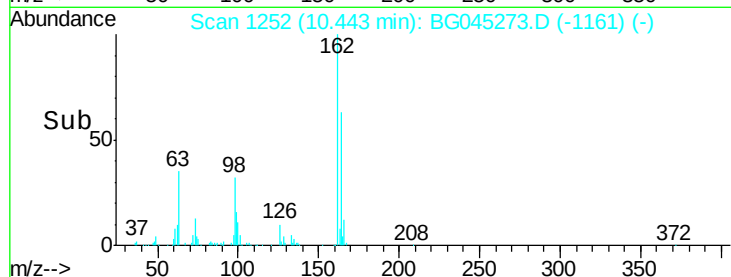
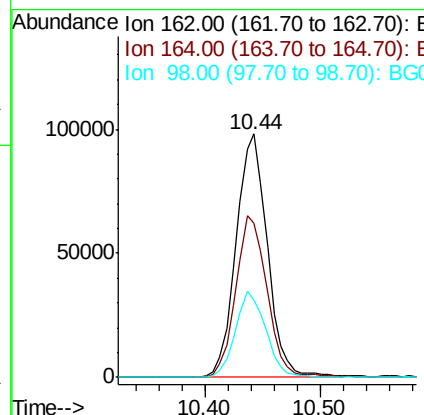
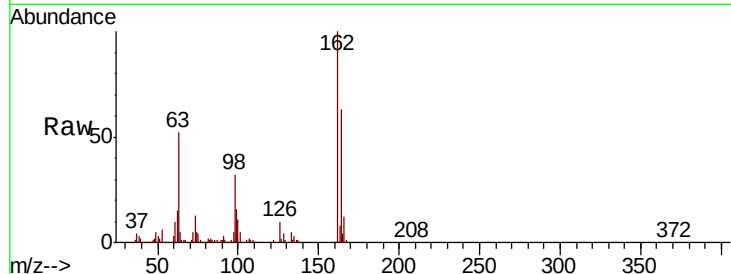
#29
2,4-Dichlorophenol
Concen: 42.856 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	184297		
164	63.2	45.0	85.0	
98	31.8	15.2	55.2	

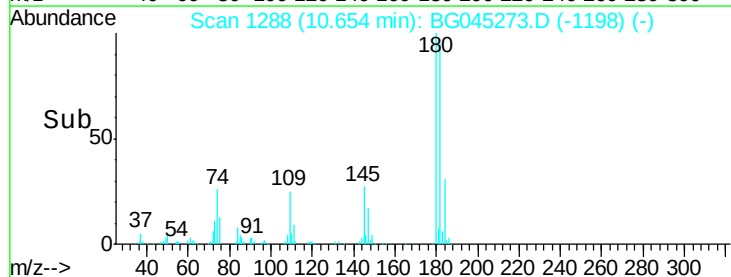
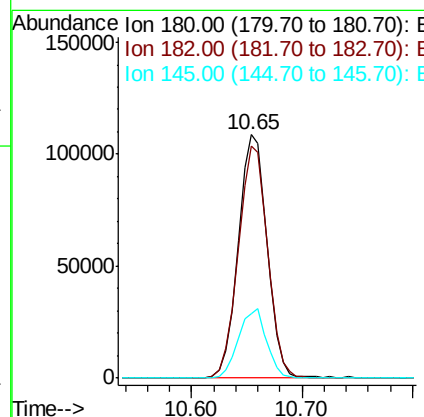
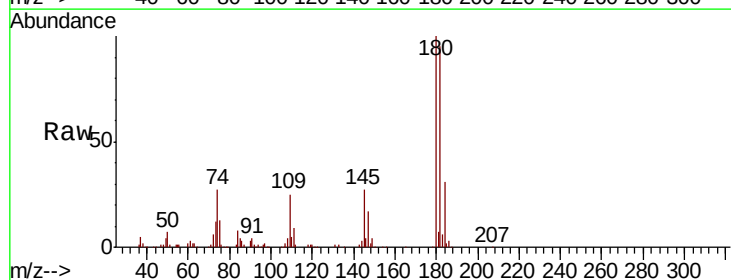
Manual Integrations
APPROVED

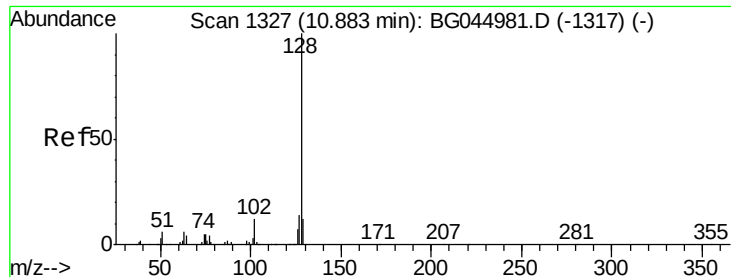
mohammad
5/8/2020 1:00:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.048 ng
RT: 10.65 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199860		
182	95.5	73.3	109.9	
145	26.6	22.6	33.8	





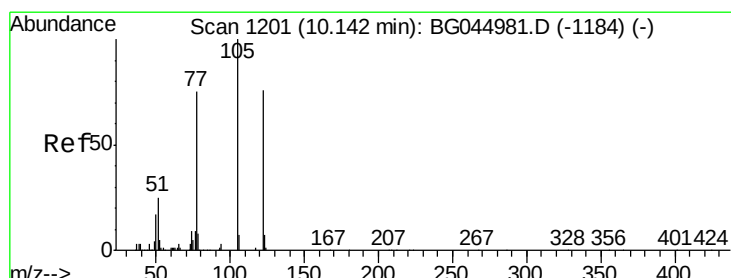
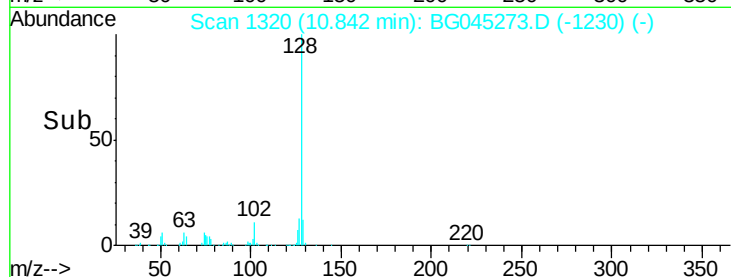
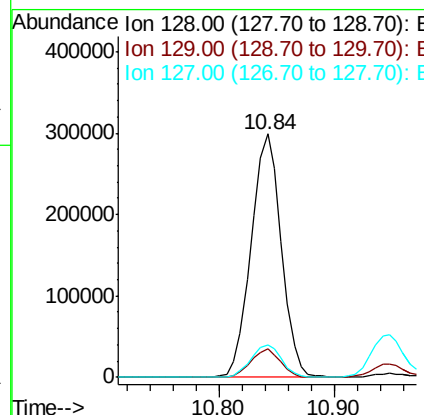
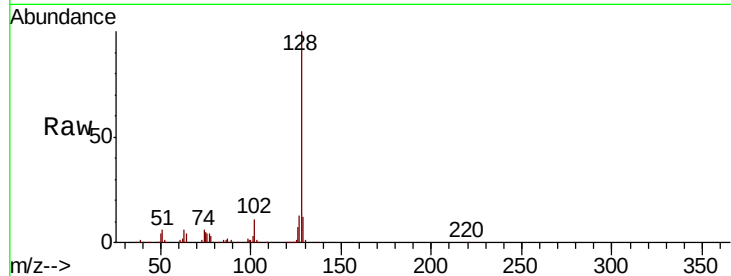
#31
Naphthalene
Concen: 40.997 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.1	10.8	16.2

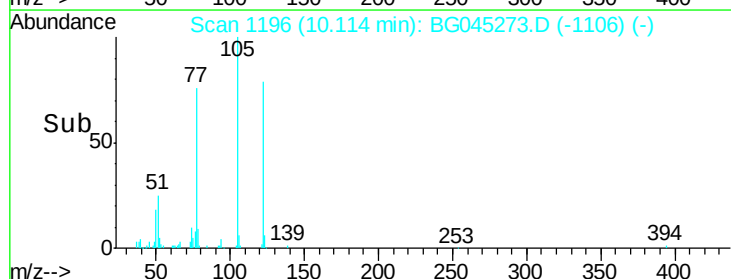
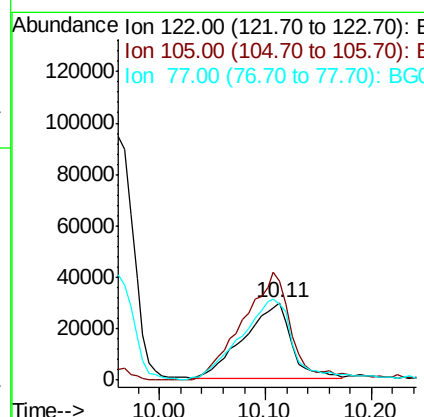
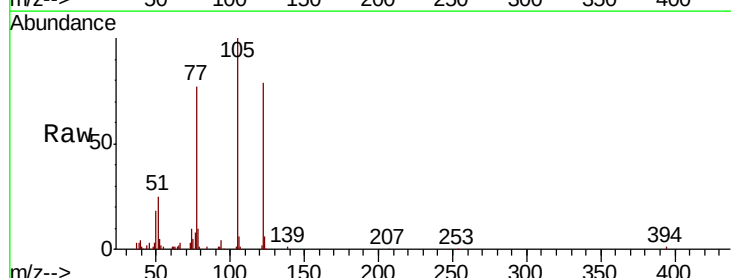
Manual Integrations
APPROVED

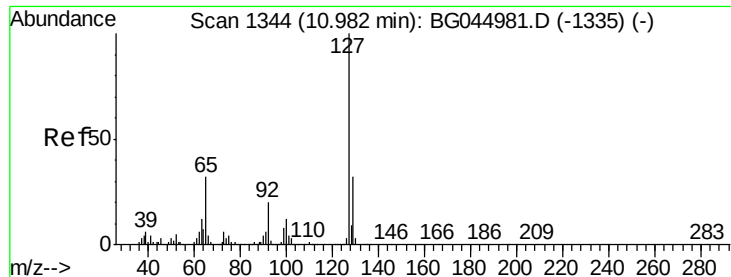
mohammad
5/8/2020 1:00:06 PM



#32
Benzoic acid
Concen: 32.658 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.8	108.4	148.4
77	97.2	78.8	118.8





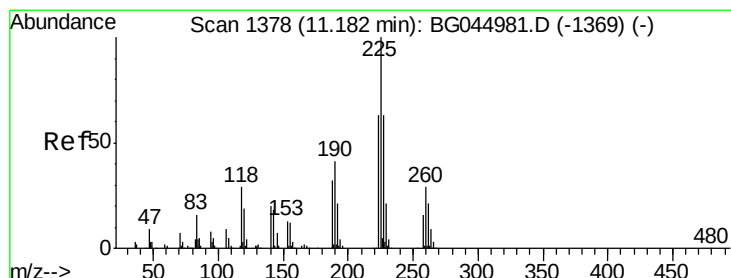
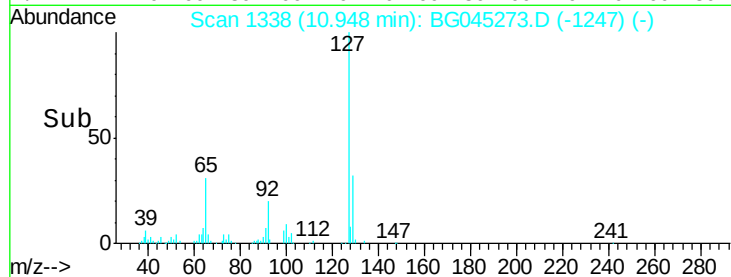
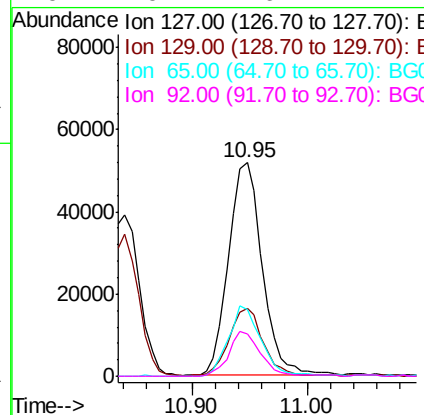
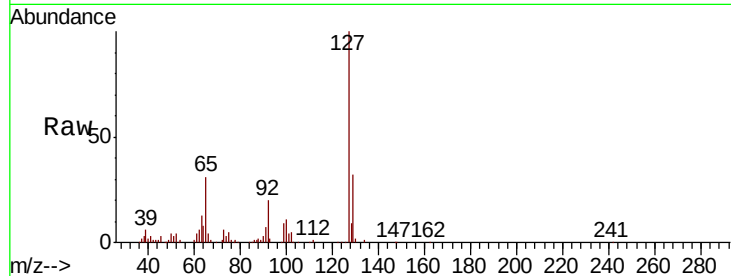
#33
4-Chloroaniline
Concen: 17.068 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	31.5	25.4	38.2		
92	19.7	16.1	24.1		

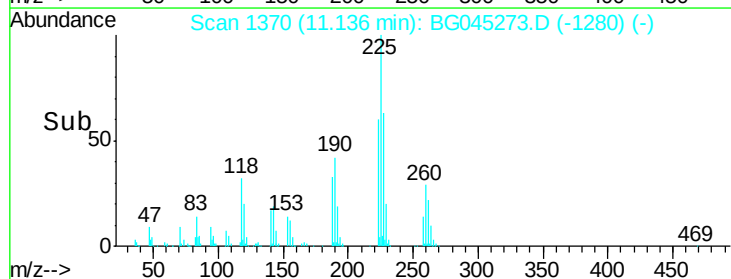
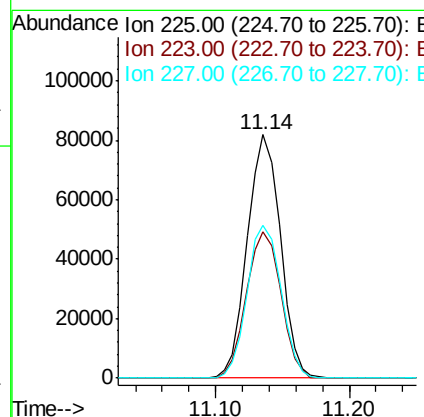
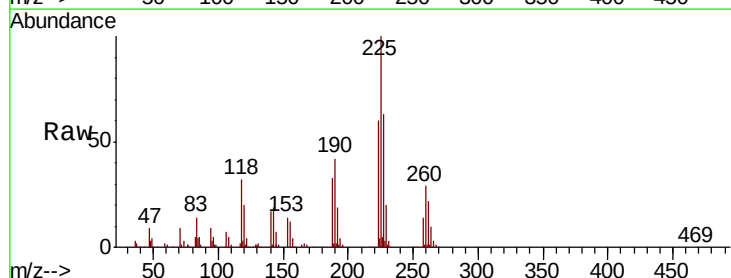
Manual Integrations
APPROVED

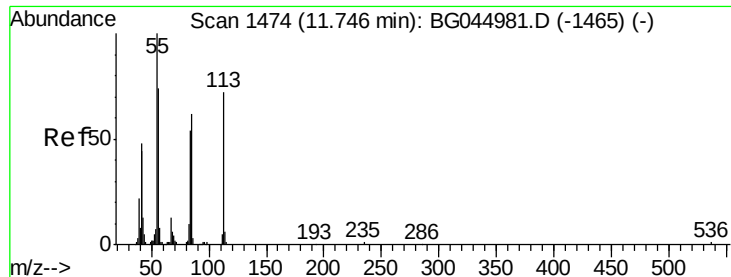
mohammad
5/8/2020 1:00:06 PM



#34
Hexachlorobutadiene
Concen: 42.042 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	50.7	76.1		
227	62.9	50.2	75.2		





#35

Caprolactam

Concen: 36.847 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

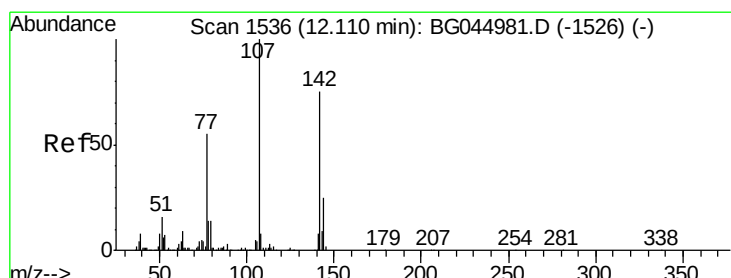
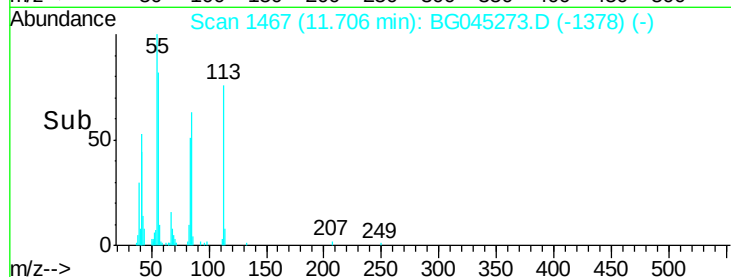
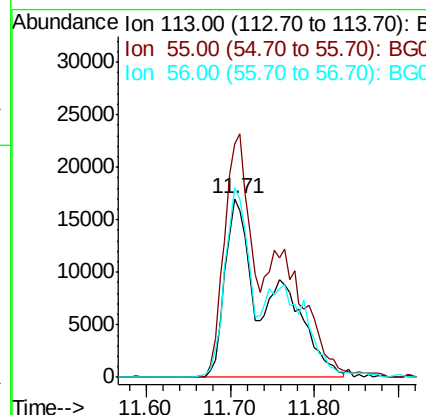
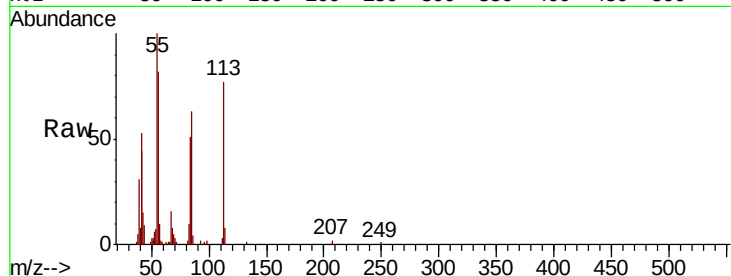
ClientSampleId :

PB128711BS

Tot Ion:	113	Resp:	63065
Ion	Ratio	Lower	Upper
113	100		
55	130.3	118.8	158.8
56	106.5	82.6	122.6

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#36

4-Chloro-3-methylphenol

Concen: 41.263 ng/mL

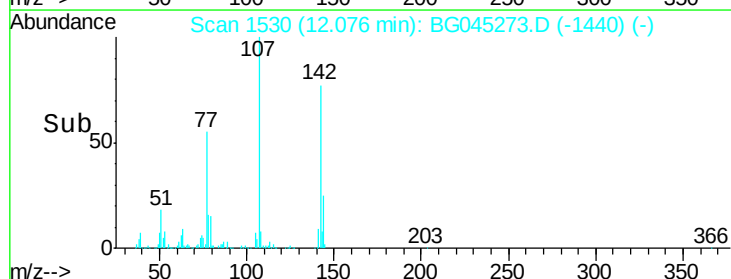
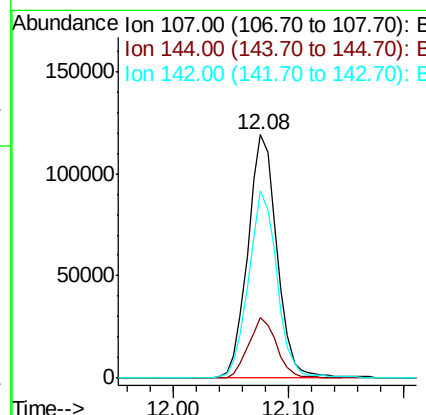
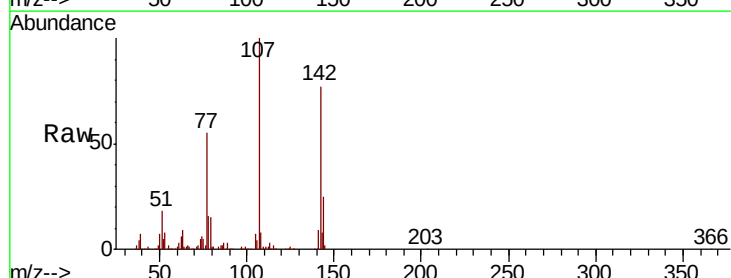
RT: 12.08 min Scan# 1530

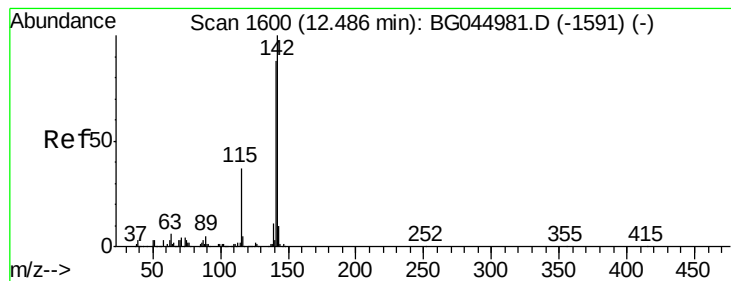
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	107	Resp:	208455
Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	77.2	59.7	89.5





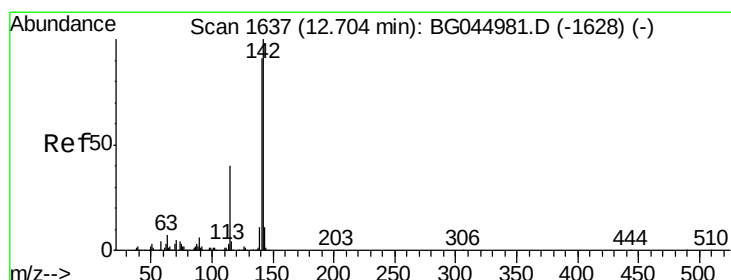
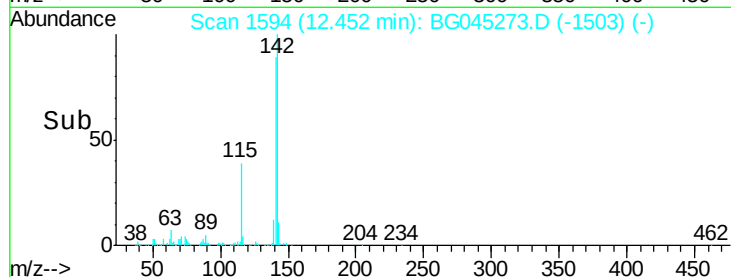
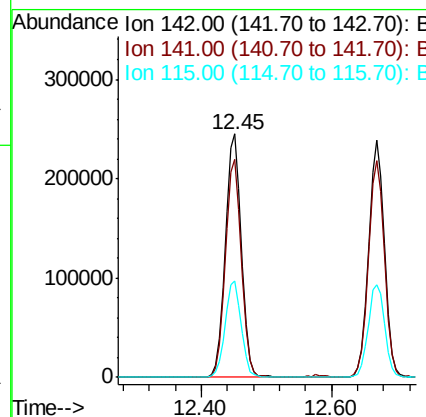
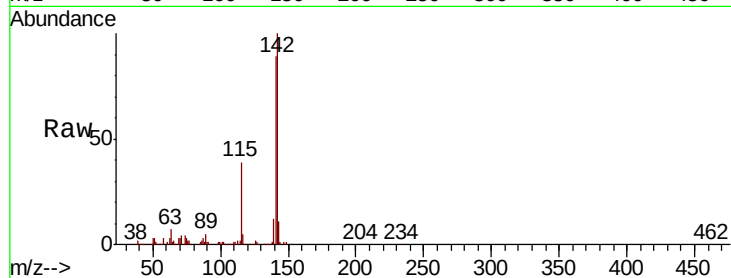
#37
2-Methylnaphthalene
Concen: 40.523 ng
RT: 12.45 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	39.4	29.8	44.6

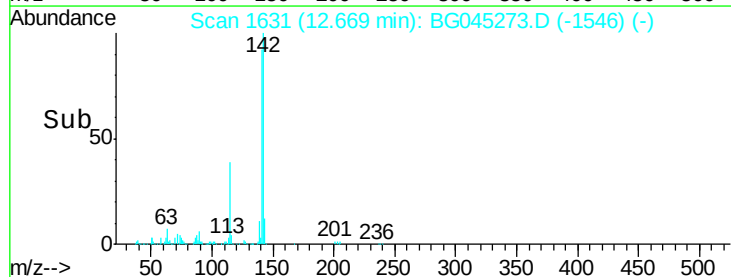
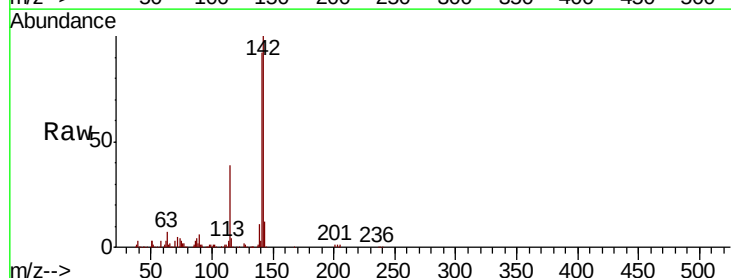
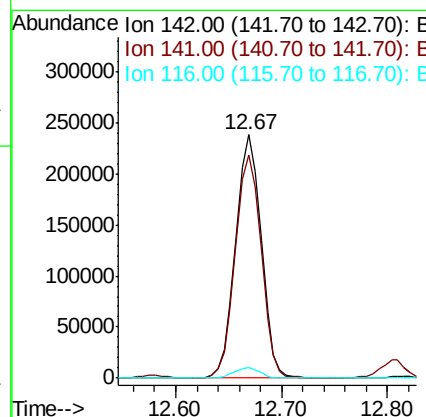
Manual Integrations
APPROVED

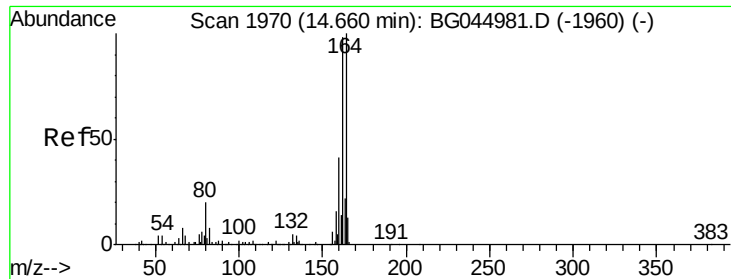
mohammad
5/8/2020 1:00:06 PM



#38
1-Methylnaphthalene
Concen: 41.141 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1
116	4.2	3.1	4.7





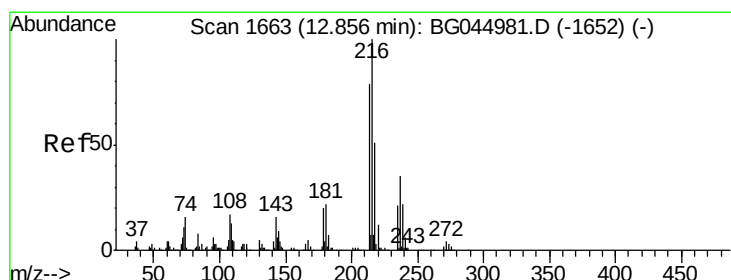
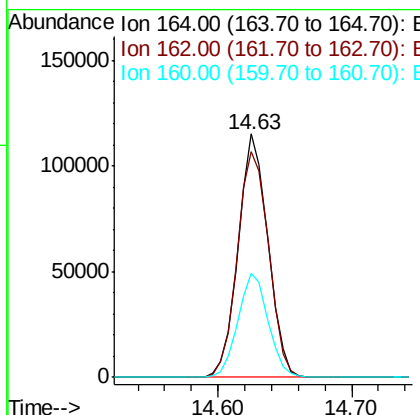
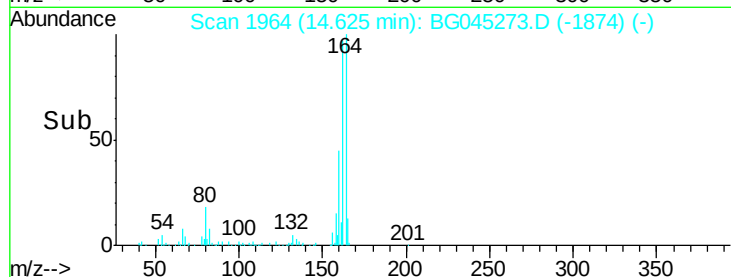
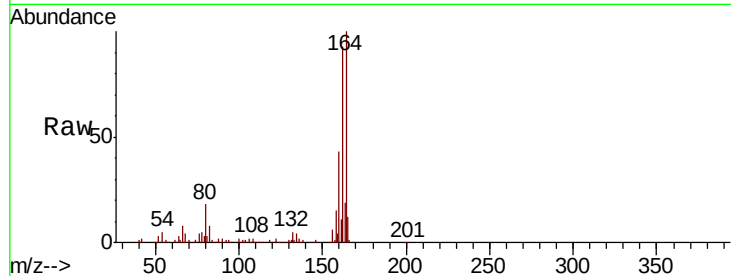
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.5	78.7	118.1
160	42.7	32.8	49.2

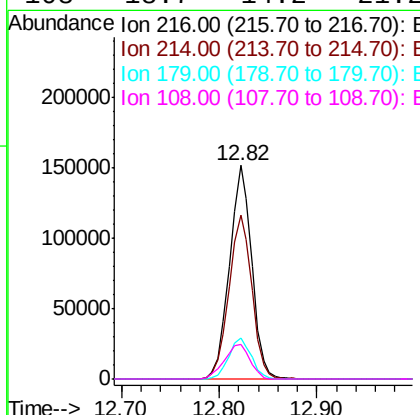
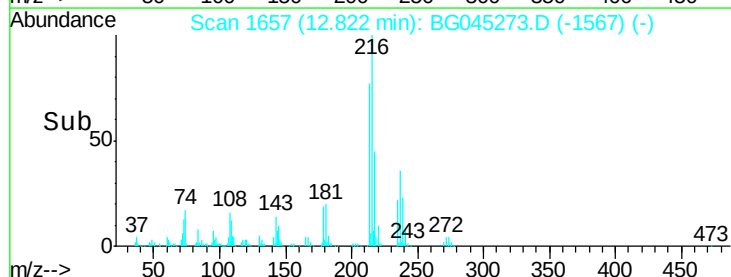
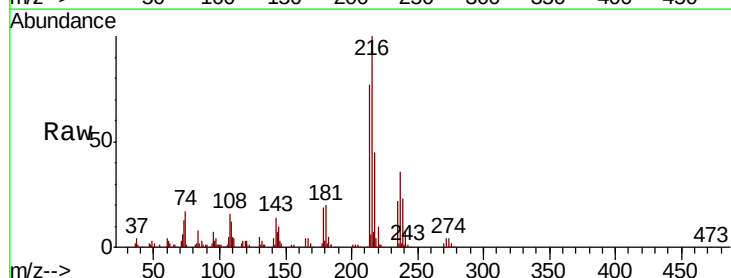
Manual Integrations
APPROVED

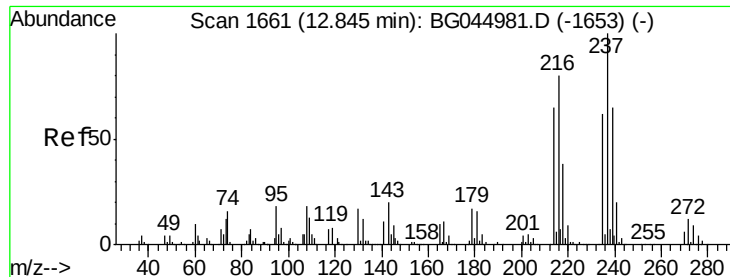
mohammad
5/8/2020 1:00:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.814 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	19.5	15.8	23.8
108	18.7	14.2	21.2





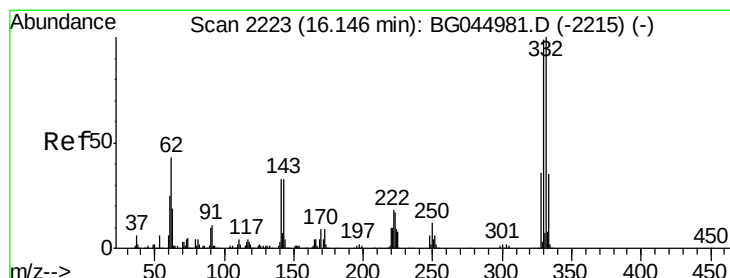
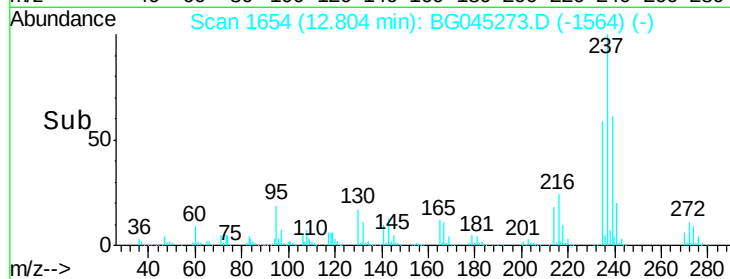
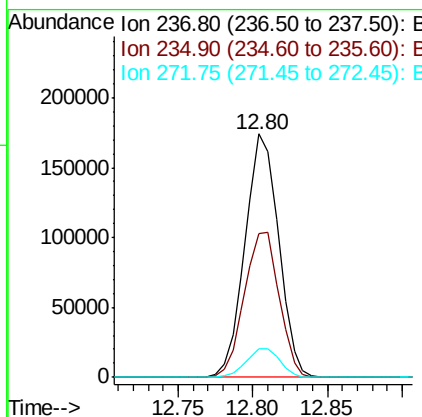
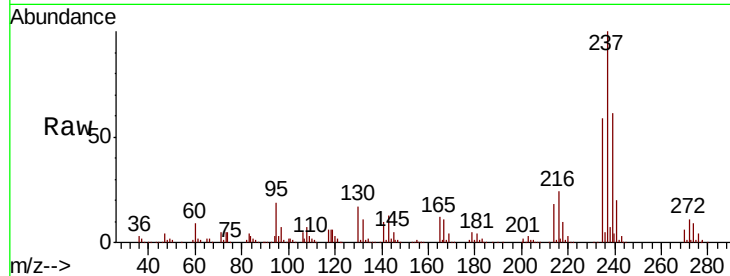
#41
Hexachlorocyclopentadiene
Concen: 75.949 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	59.0	41.6	81.6
272	11.5	0.0	32.1

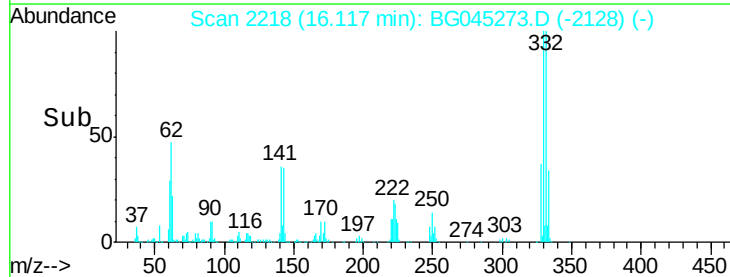
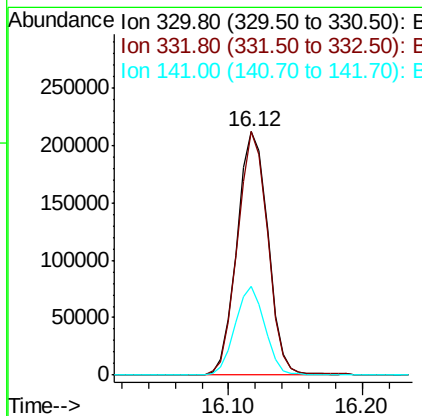
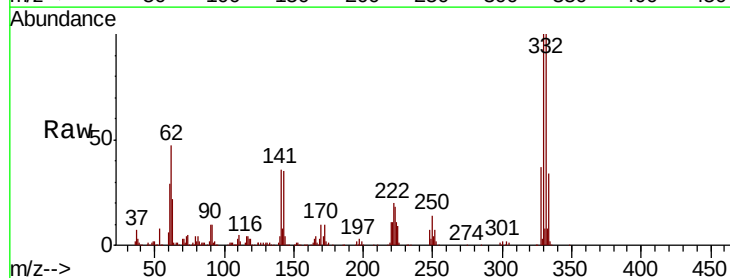
Manual Integrations
APPROVED

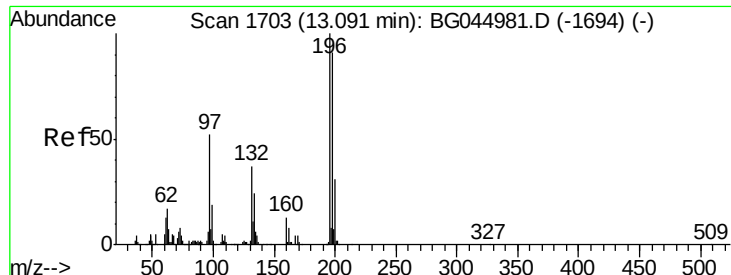
mohammad
5/8/2020 1:00:06 PM



#42
2,4,6-Tribromophenol
Concen: 124.586 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.9	79.1	118.7
141	35.2	27.1	40.7





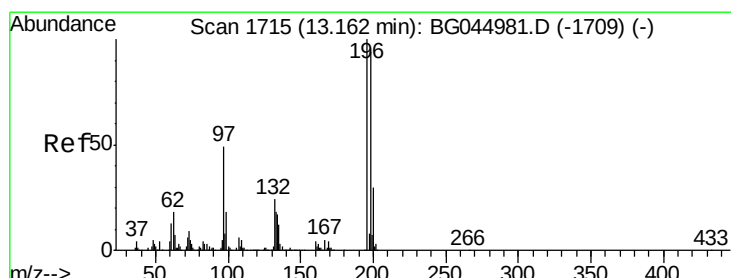
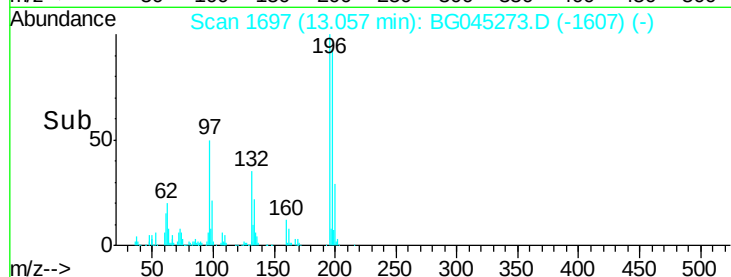
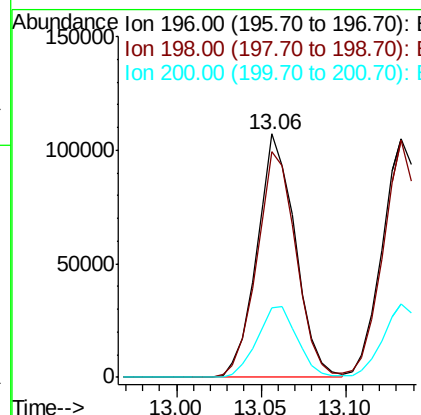
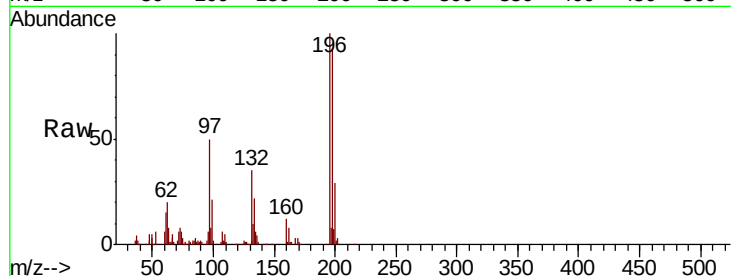
#43
2,4,6-Trichlorophenol
Concen: 41.872 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	168858		
198	92.8	72.5	108.7	
200	28.8	24.5	36.7	

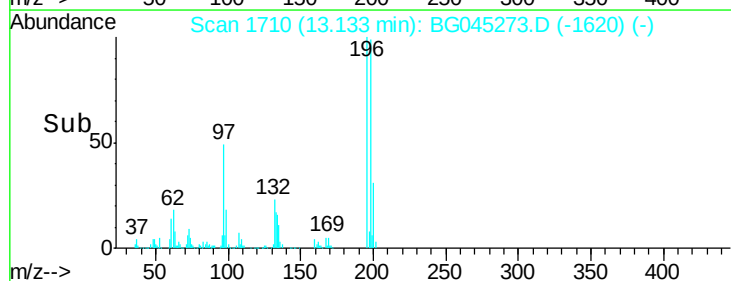
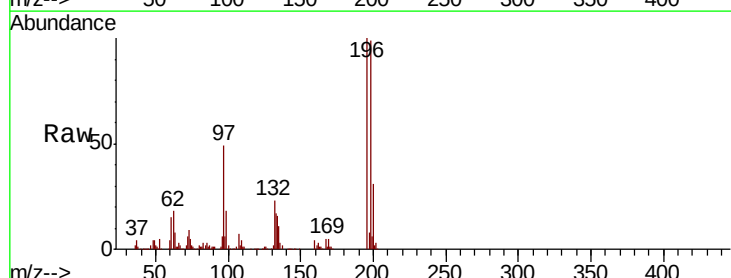
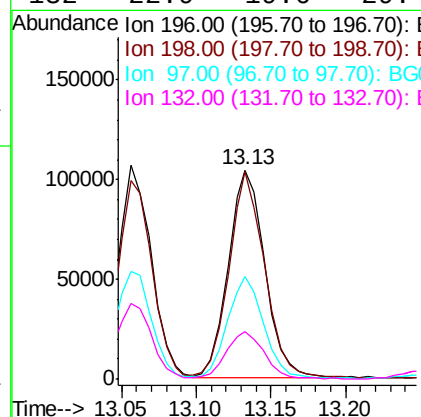
Manual Integrations
APPROVED

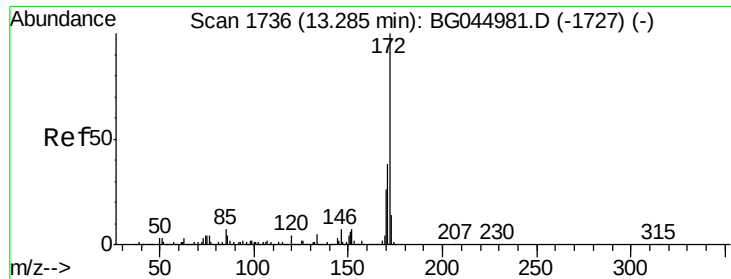
mohammad
5/8/2020 1:00:06 PM



#44
2,4,5-Trichlorophenol
Concen: 38.697 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177634		
198	99.4	75.7	113.5	
97	49.2	39.6	59.4	
132	22.9	19.6	29.4	





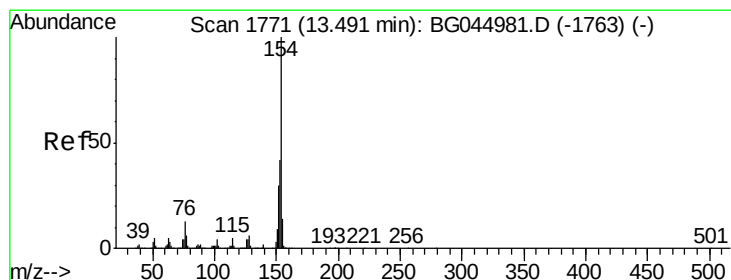
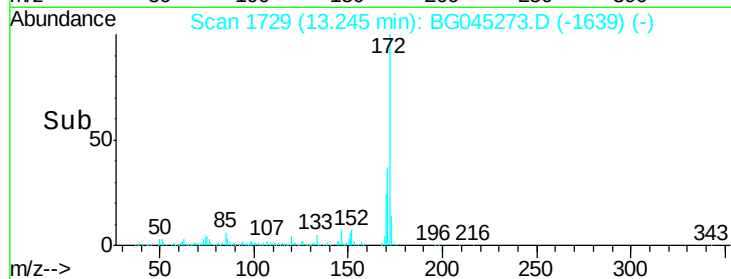
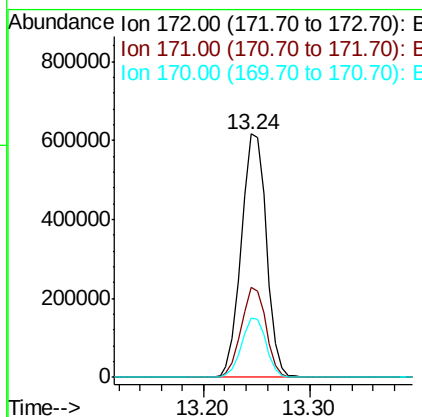
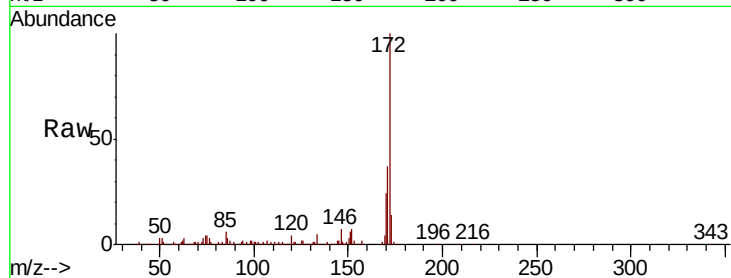
#45
2-Fluorobiphenyl
Concen: 84.045 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.3	20.5	30.7

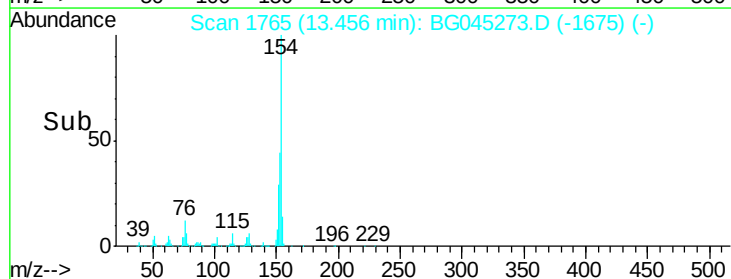
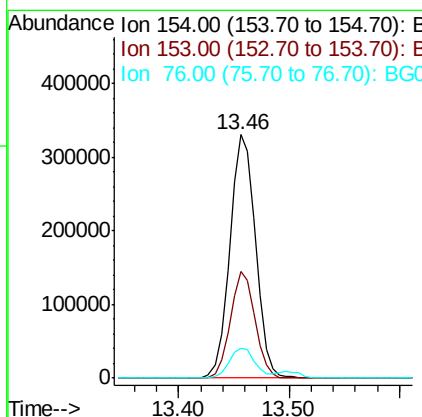
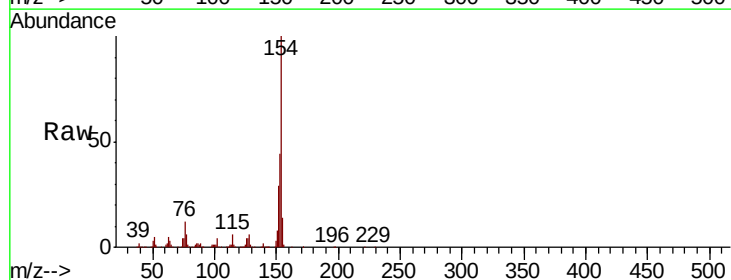
Manual Integrations
APPROVED

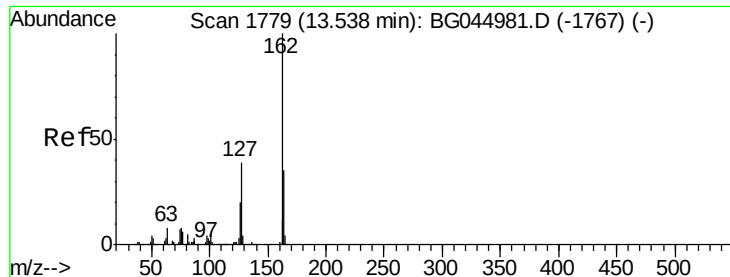
mohammad
5/8/2020 1:00:06 PM



#46
1,1'-Biphenyl
Concen: 39.835 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.9	61.9
76	12.2	0.0	33.1





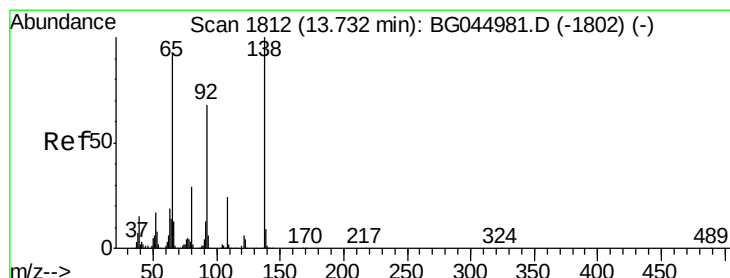
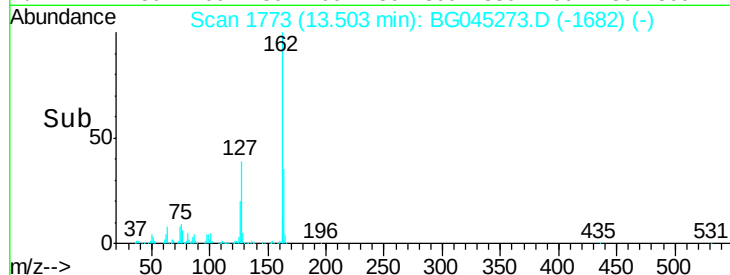
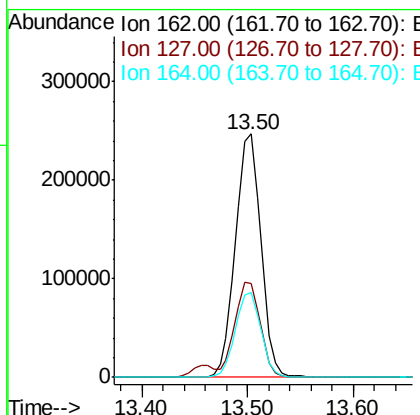
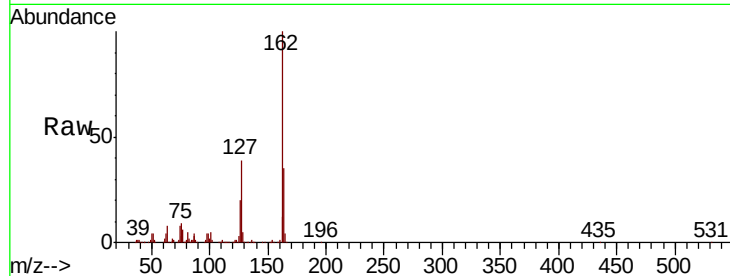
#47
2-Chloronaphthalene
Concen: 40.000 ng
RT: 13.50 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		412270		
127	38.6	31.3	46.9		
164	35.1	27.8	41.8		

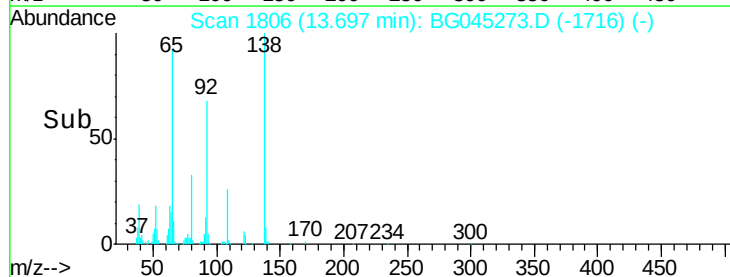
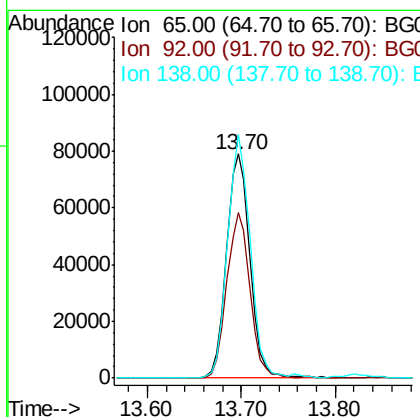
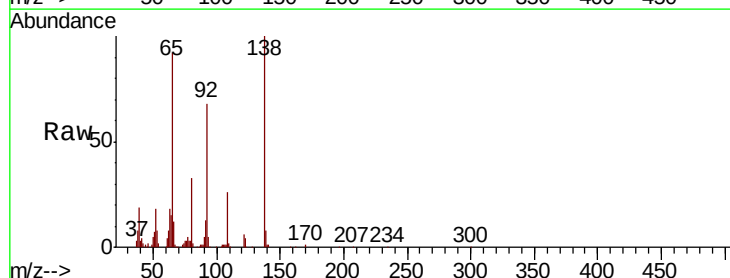
Manual Integrations
APPROVED

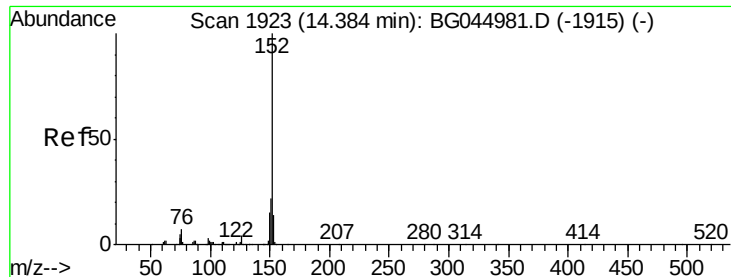
mohammad
5/8/2020 1:00:06 PM



#48
2-Nitroaniline
Concen: 40.239 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		136455		
92	73.7	58.3	87.5		
138	108.8	85.6	128.4		





#49

Acenaphthylene

Concen: 41.411 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

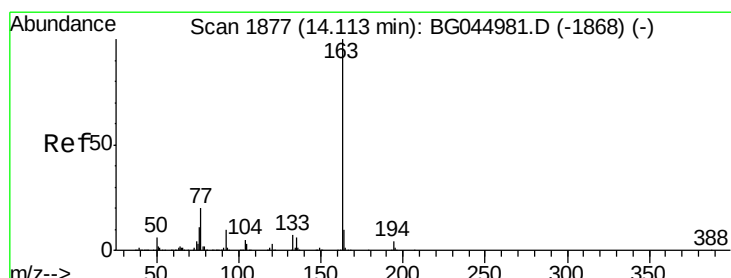
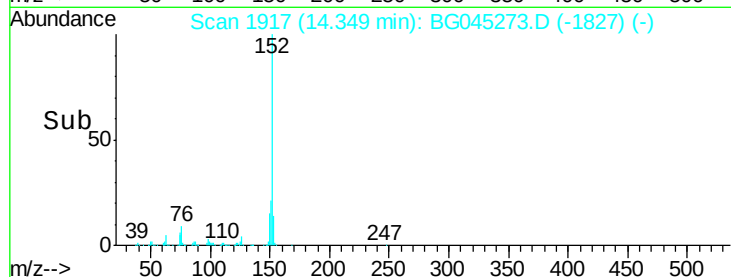
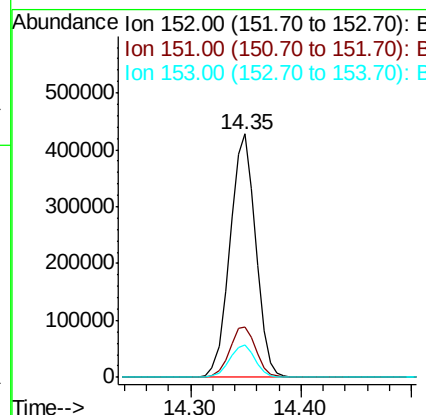
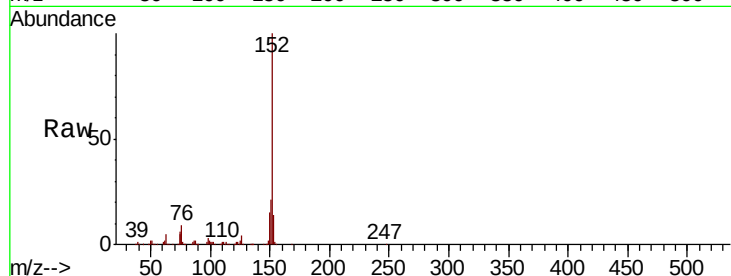
ClientSampleId :

PB128711BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	13.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#50

Dimethylphthalate

Concen: 38.918 ng

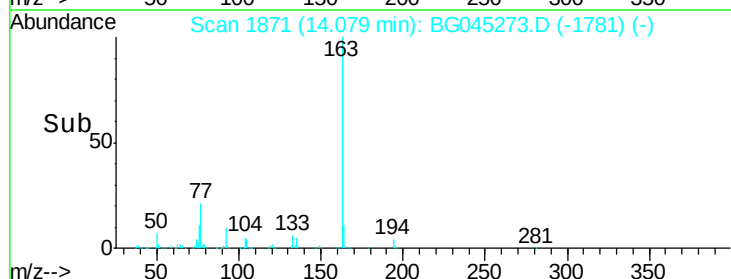
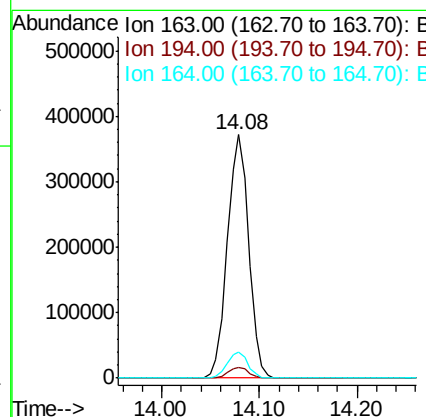
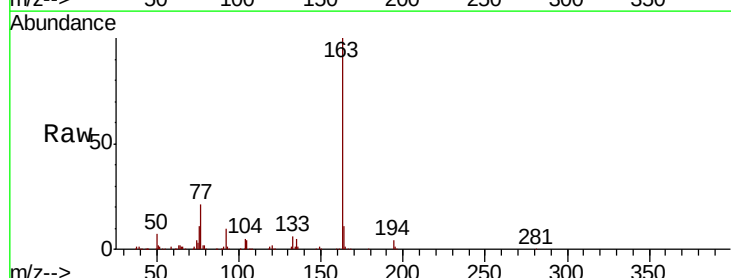
RT: 14.08 min Scan# 1871

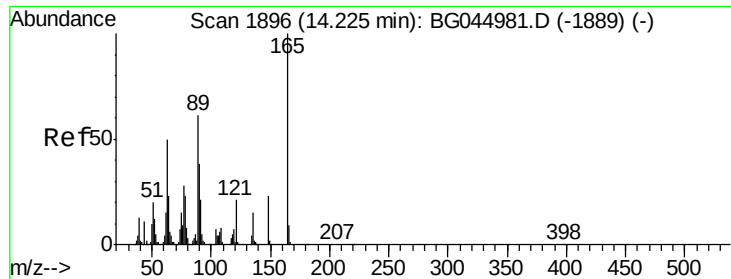
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.6	8.2	12.4





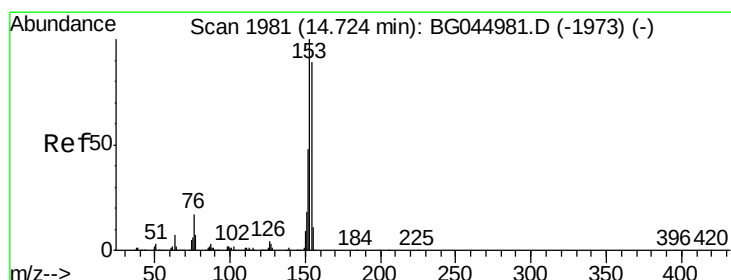
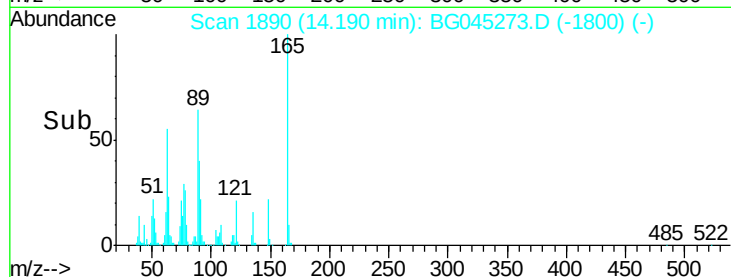
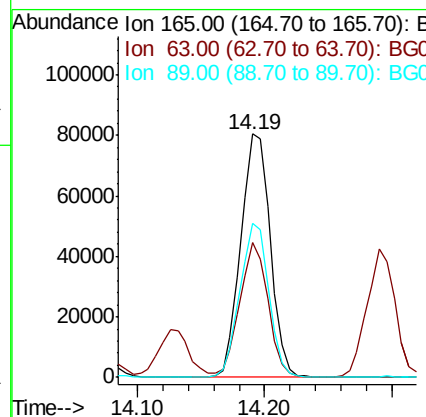
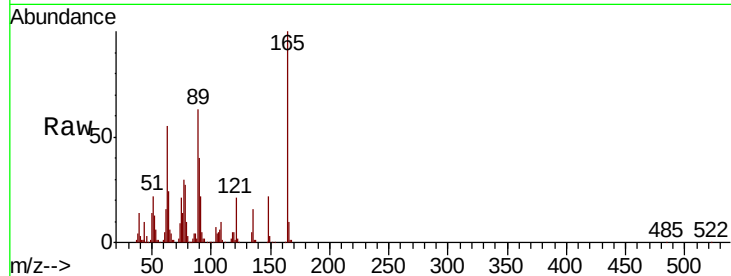
#51
 2,6-Dinitrotoluene
 Concen: 40.088 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129569		
63	55.1		40.4	60.6
89	63.5		49.1	73.7

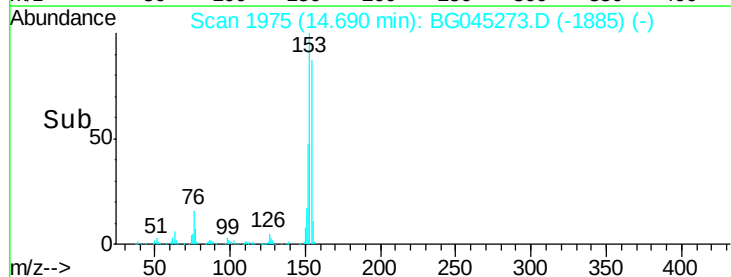
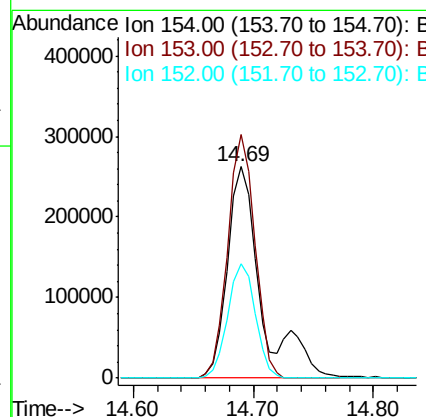
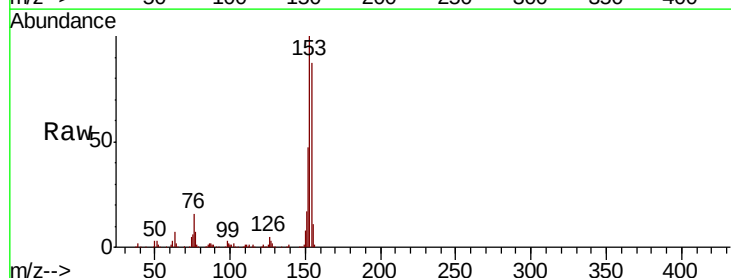
Manual Integrations
 APPROVED

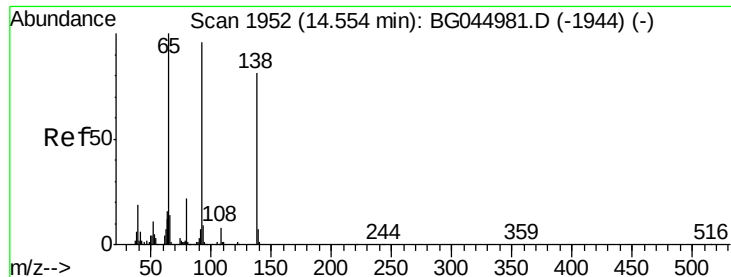
mohammad
 5/8/2020 1:00:06 PM



#52
 Acenaphthene
 Concen: 44.662 ng m
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	507315		
153	115.2		89.7	134.5
152	54.2		43.1	64.7





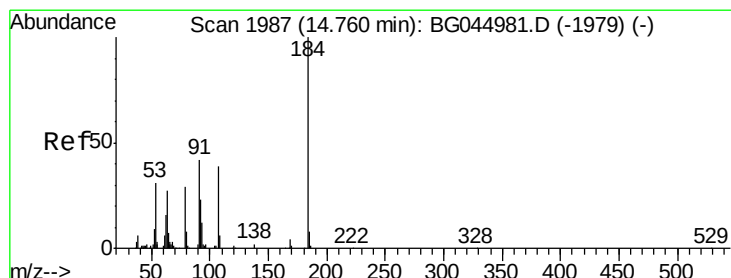
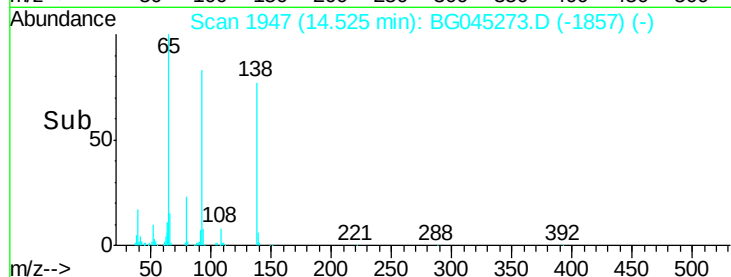
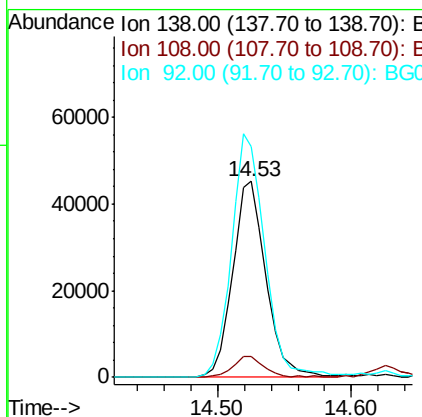
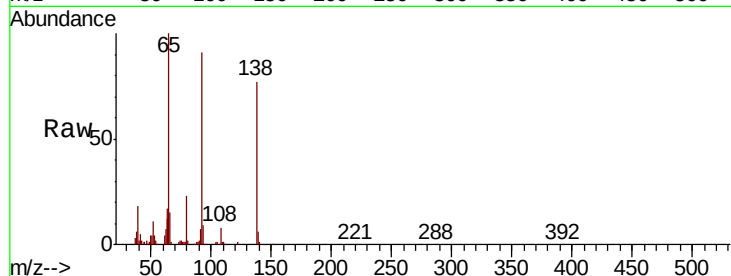
#53
3-Nitroaniline
Concen: 22.063 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	118.1	94.5	141.7

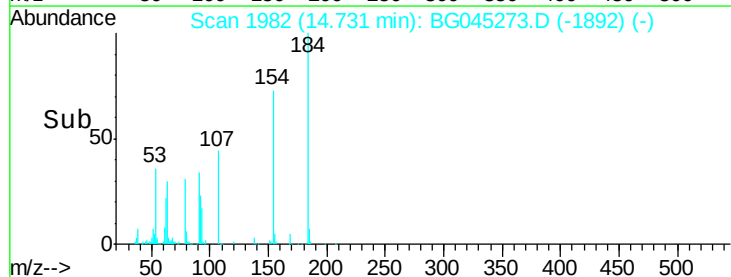
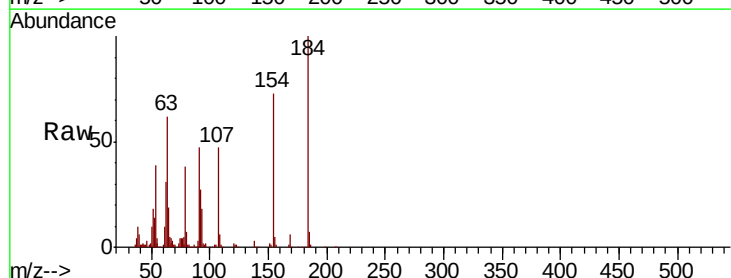
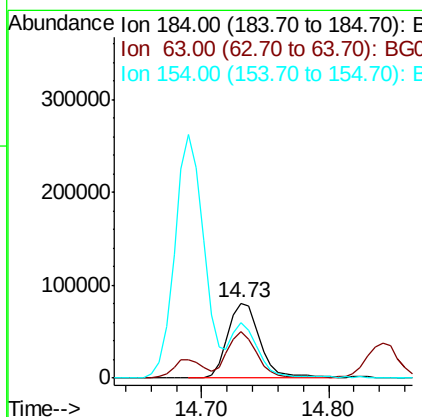
Manual Integrations
APPROVED

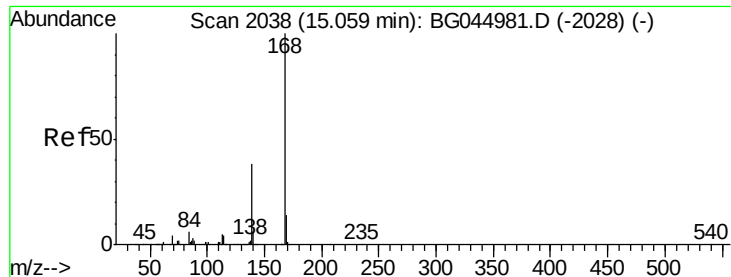
mohammad
5/8/2020 1:00:06 PM



#54
2,4-Dinitrophenol
Concen: 74.455 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.3	41.5	62.3#
154	73.4	52.3	78.5





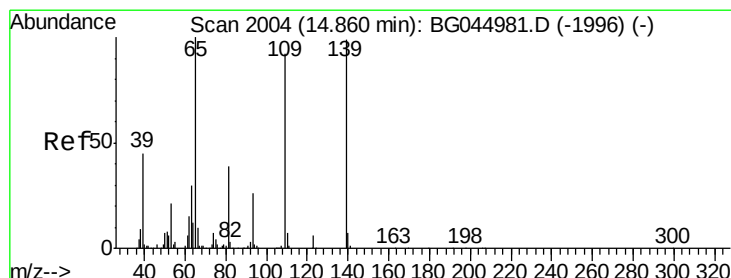
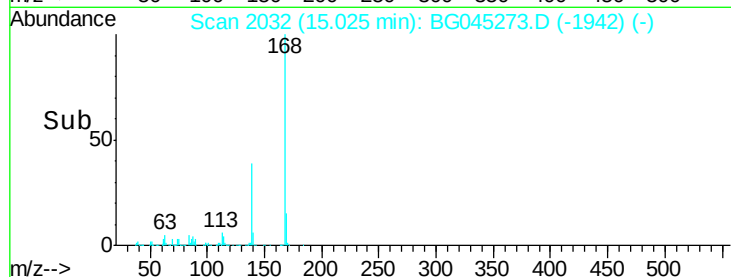
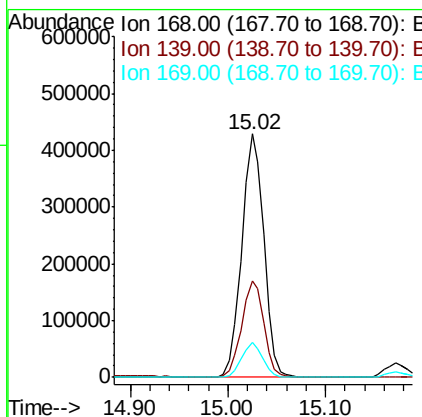
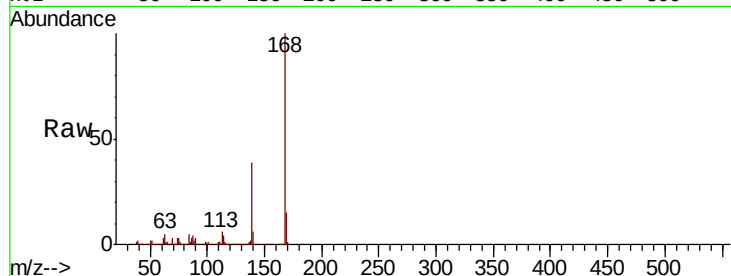
#55
Dibenzenofuran
Concen: 40.902 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.4	45.6
169	14.6	11.0	16.4

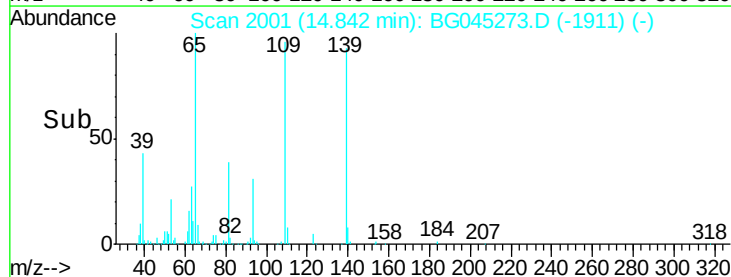
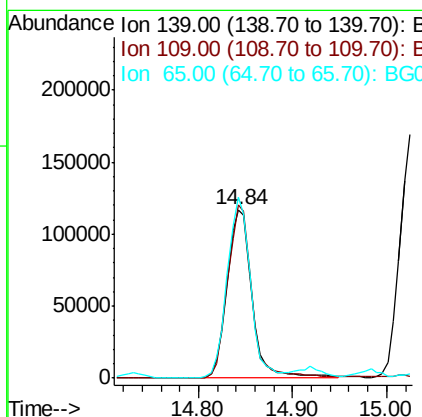
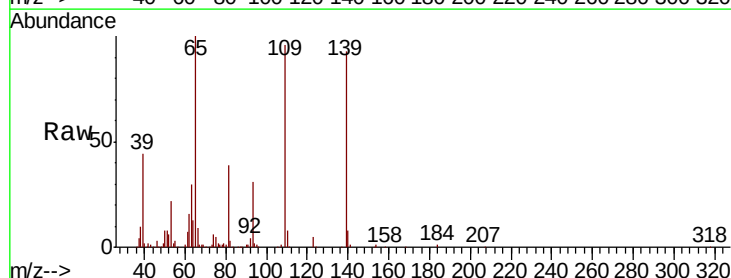
Manual Integrations
APPROVED

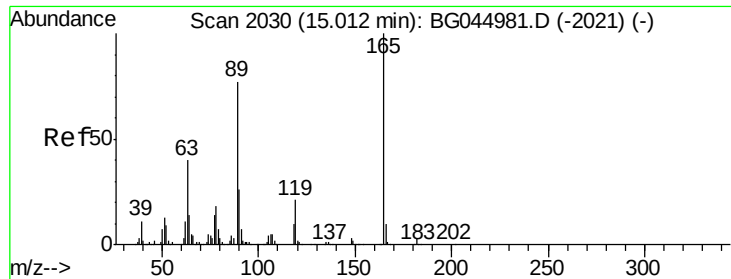
mohammad
5/8/2020 1:00:06 PM



#56
4-Nitrophenol
Concen: 78.201 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.1	73.6	113.6
65	107.6	81.2	121.2





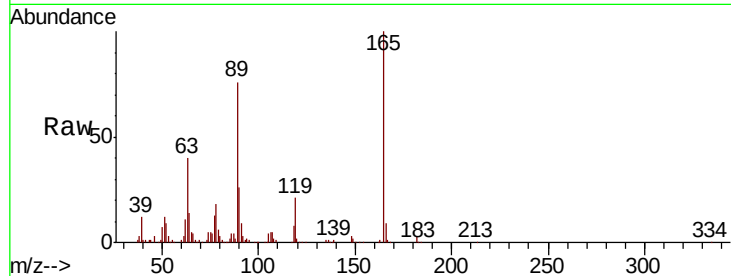
#57
 2,4-Dinitrotoluene
 Concen: 38.808 ng
 RT: 14.98 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183308		
63	40.2		32.2	48.2
89	75.5		61.7	92.5
182	3.0		2.0	3.0

Manual Integrations
 APPROVED

mohammad
 5/8/2020 1:00:06 PM

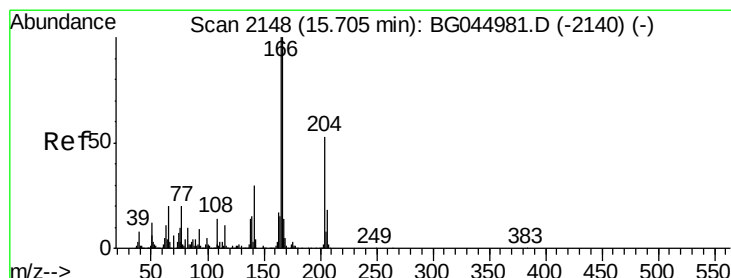
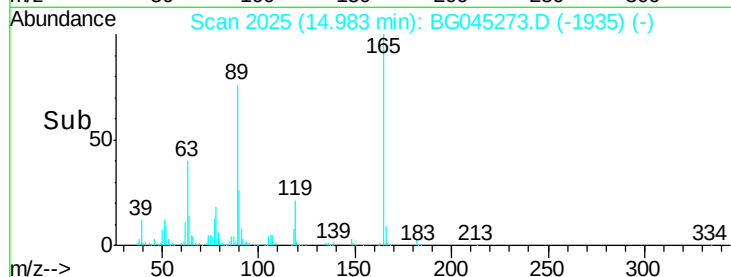
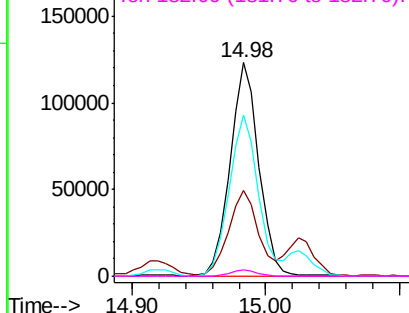


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

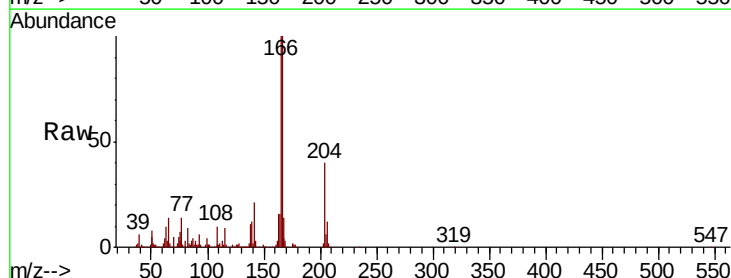
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.156 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

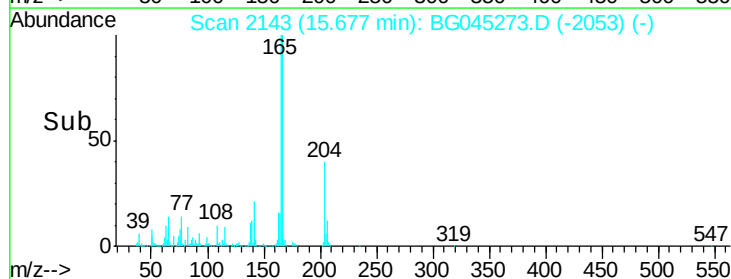
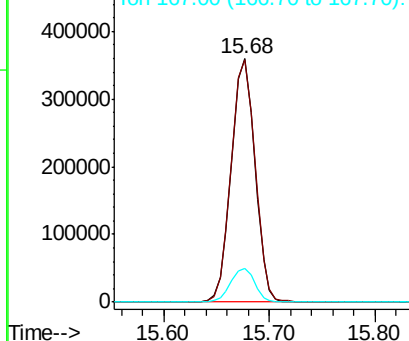
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	556713		
165	99.6		79.9	119.9
167	13.7		11.4	17.0

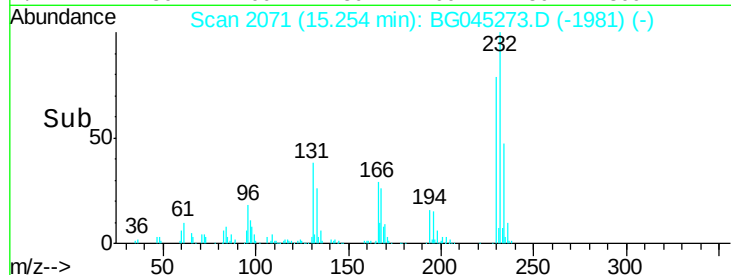
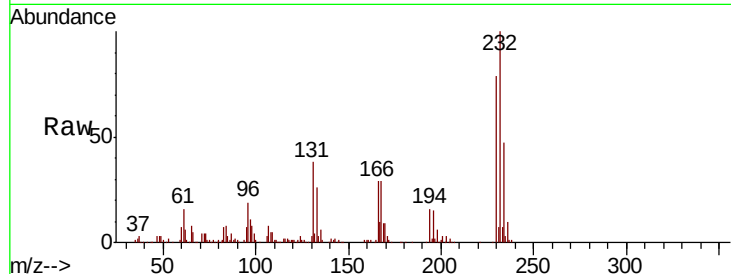
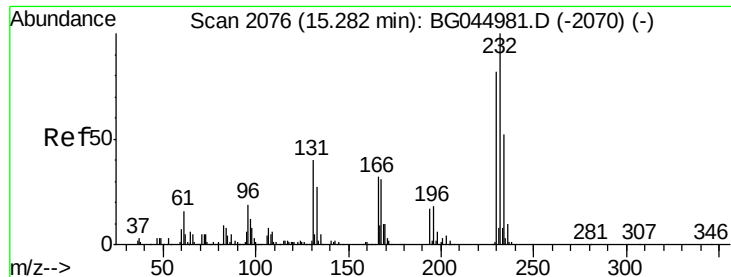


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





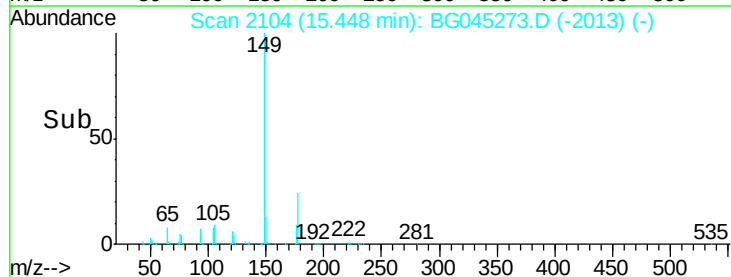
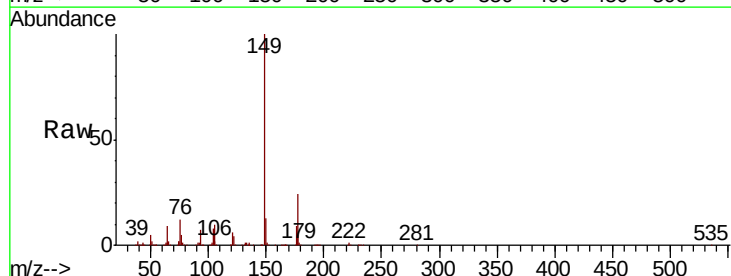
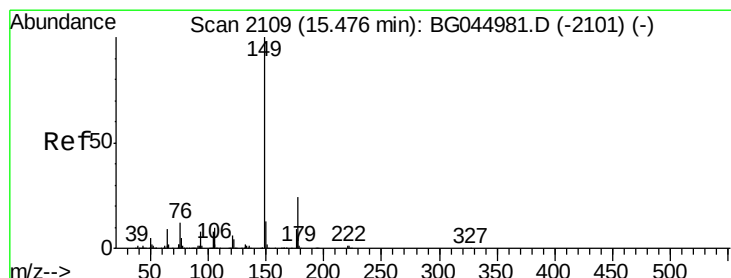
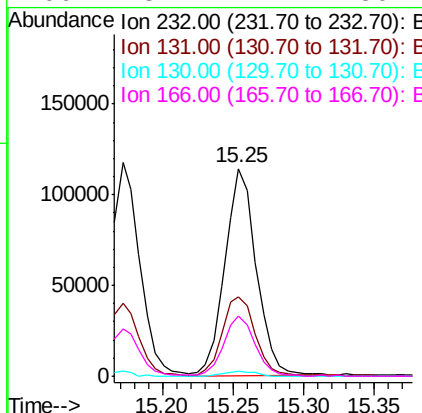
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.140 ng
RT: 15.25 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.2	48.2
130	2.6	2.2	3.2
166	28.7	24.2	36.4

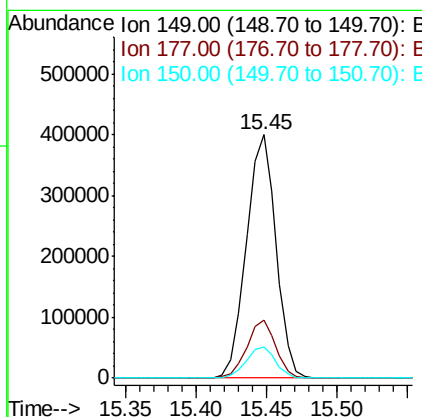
Manual Integrations
APPROVED

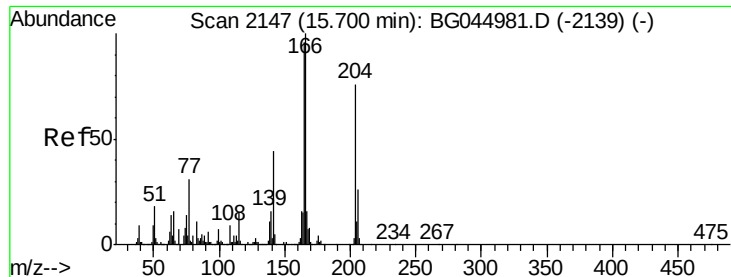
mohammad
5/8/2020 1:00:06 PM



#60
Diethylphthalate
Concen: 39.028 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	12.8	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 40.382 ng

RT: 15.66 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

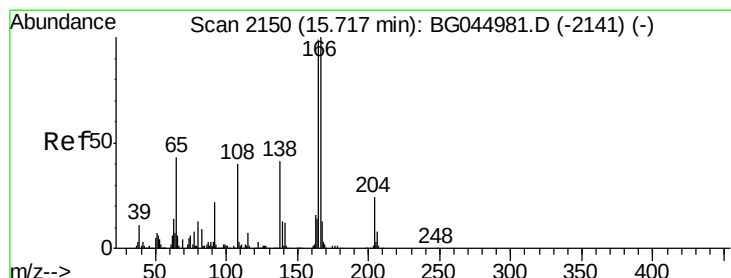
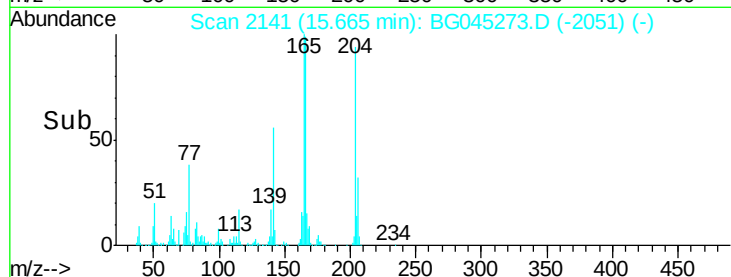
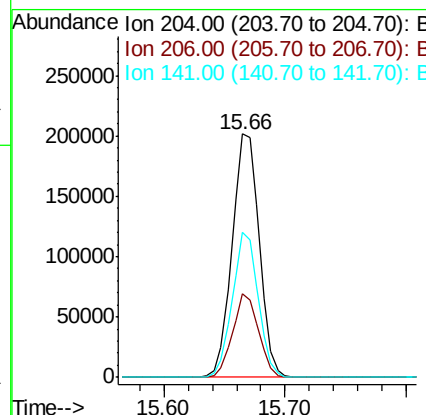
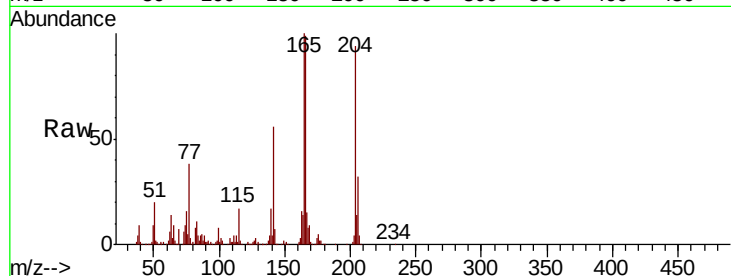
ClientSampleId :

PB128711BS

Tot Ion:	204	Resp:	314408
Ion Ratio	Lower	Upper	
204	100		
206	34.5	26.9	40.3
141	59.5	46.3	69.5

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#62

4-Nitroaniline

Concen: 33.053 ng

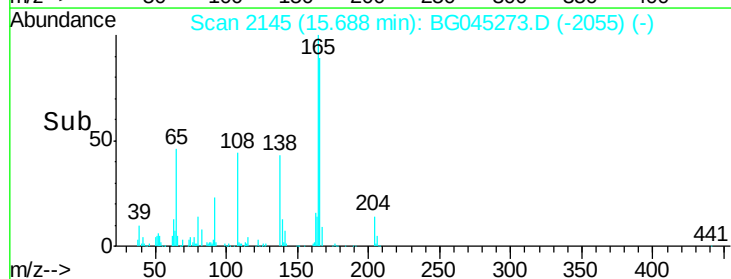
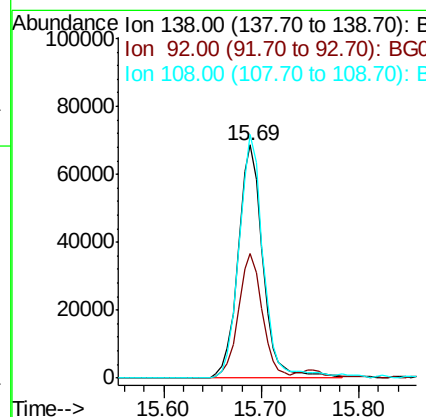
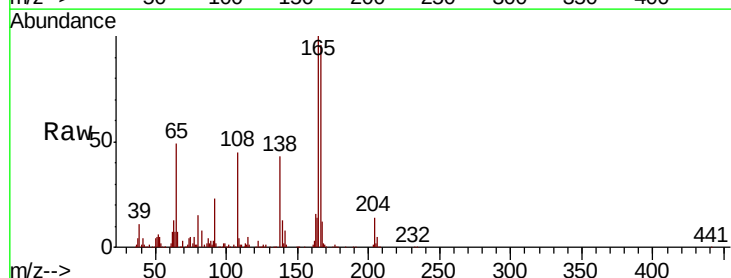
RT: 15.69 min Scan# 2145

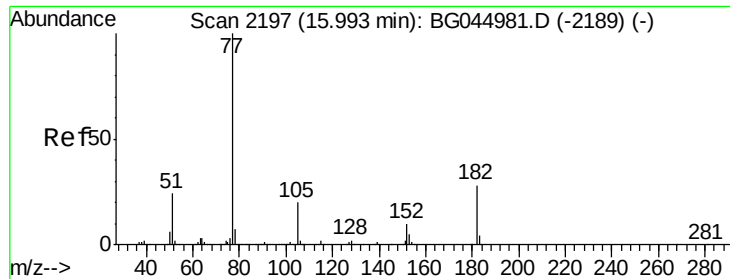
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	138	Resp:	121528
Ion Ratio	Lower	Upper	
138	100		
92	53.4	33.6	73.6
108	104.6	78.2	118.2





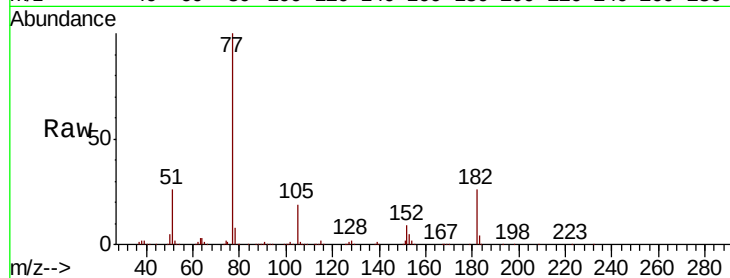
#63
Azobenzene
Concen: 40.481 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

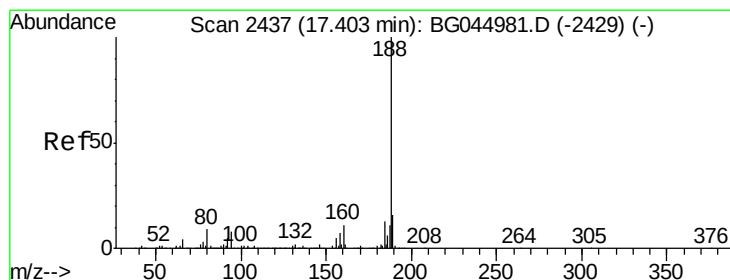
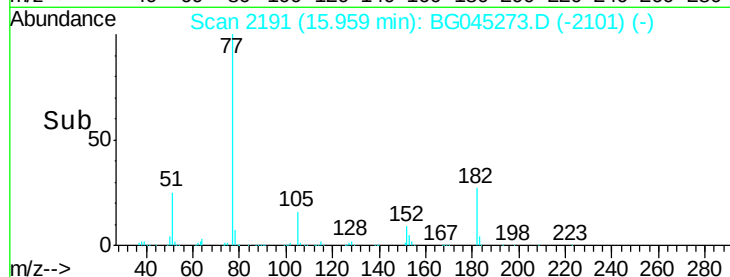
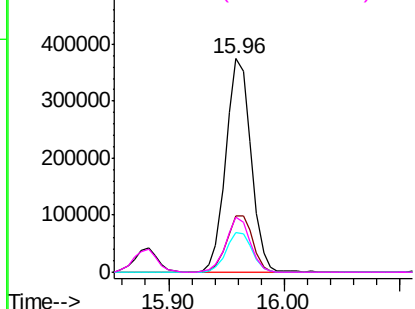
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.4	48.4
105	18.8	0.5	40.5
51	25.6	4.4	44.4

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



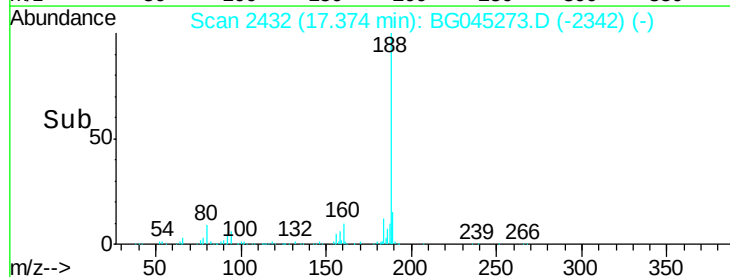
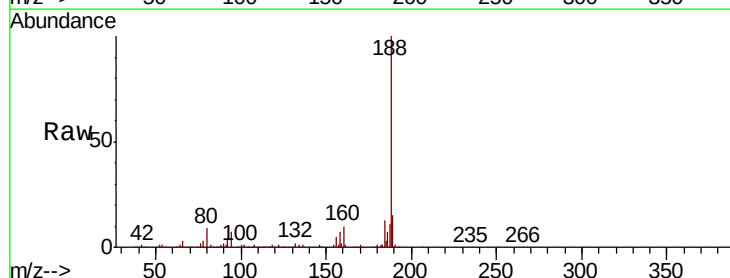
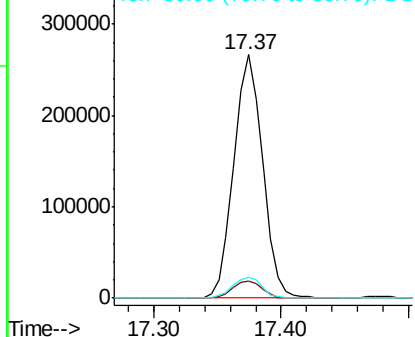
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

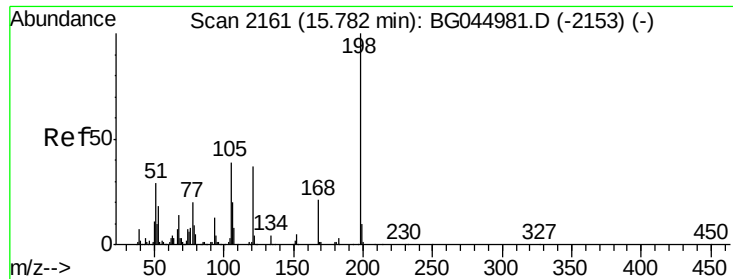


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.8	7.0	10.6

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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.987 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

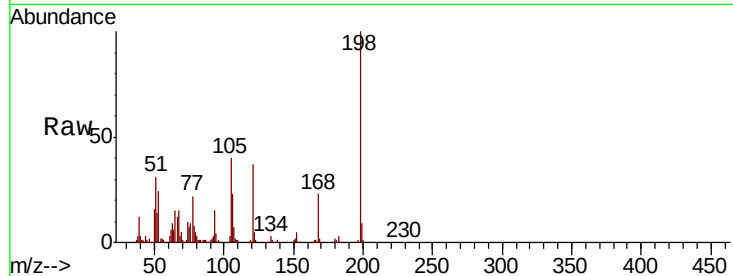
ClientSampleId :

PB128711BS

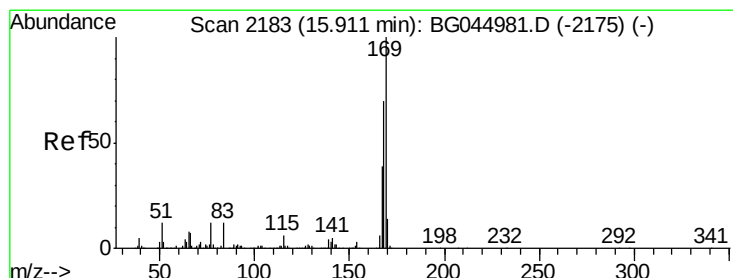
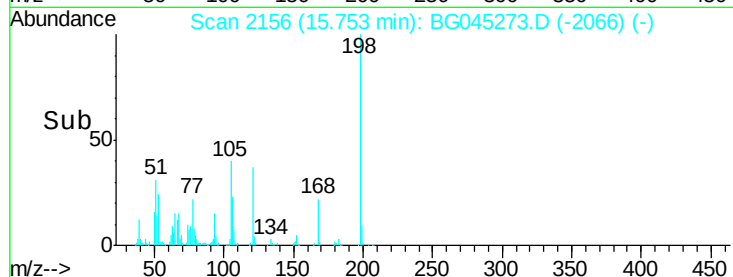
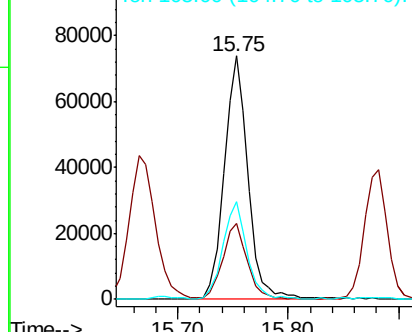
Tot Ion:	198	Resp:	110184
Ion Ratio	Lower	Upper	
198	100		
51	31.2	10.0	50.0
105	39.9	18.9	58.9

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 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: 41.478 ng

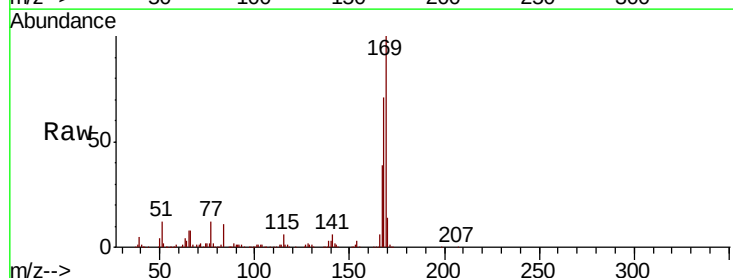
RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

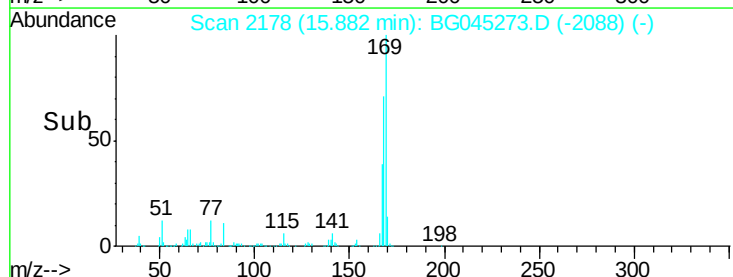
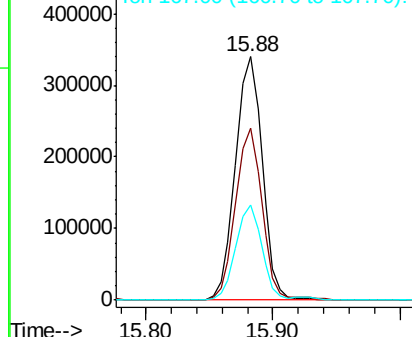
Lab File: BG045273.D

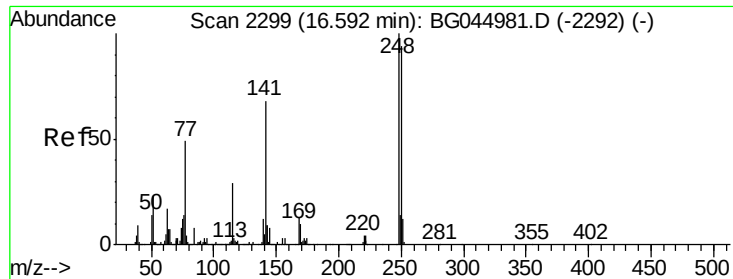
Acq: 7 May 2020 17:20

Tgt Ion:	169	Resp:	499585
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.8	83.8
167	39.2	30.8	46.2



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





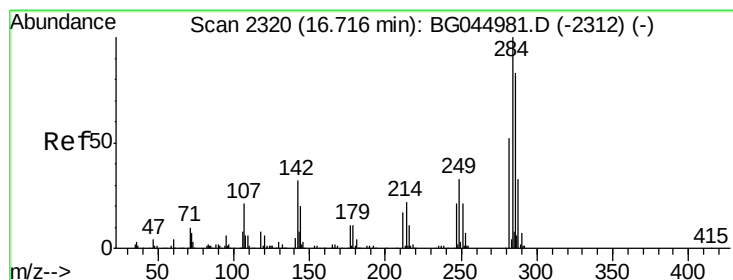
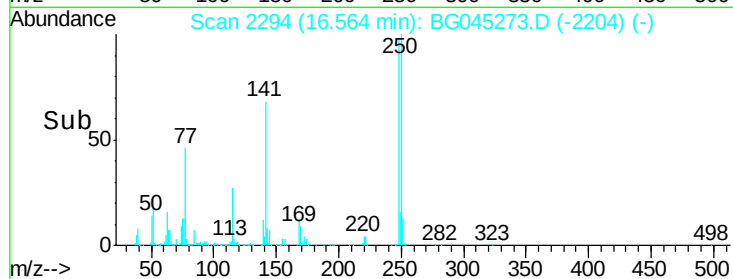
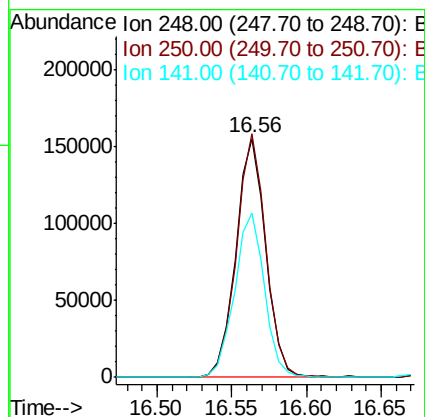
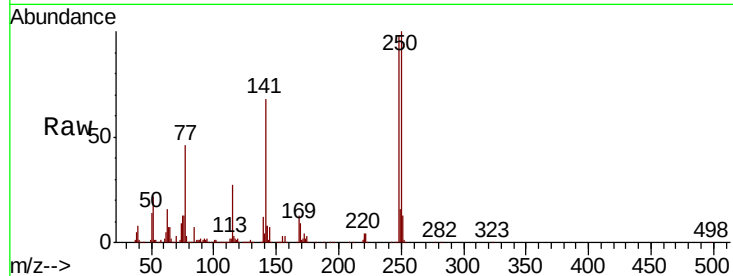
#67
4-Bromophenyl-phenylether
Concen: 39.976 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.1	75.4	113.2
141	69.1	54.4	81.6

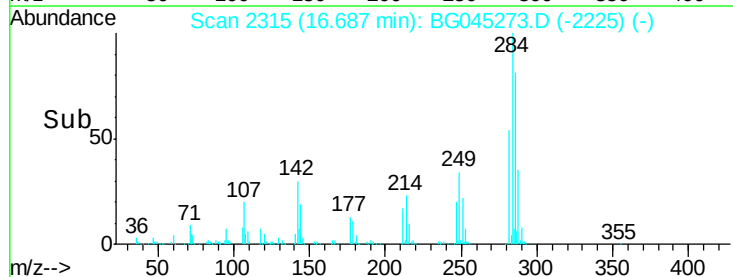
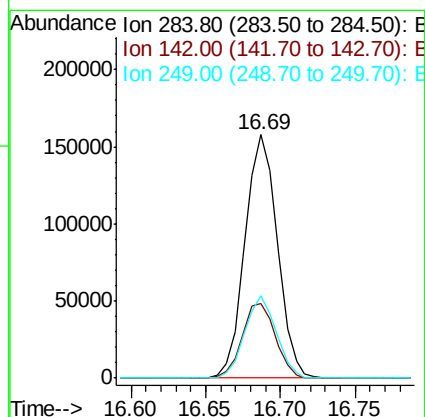
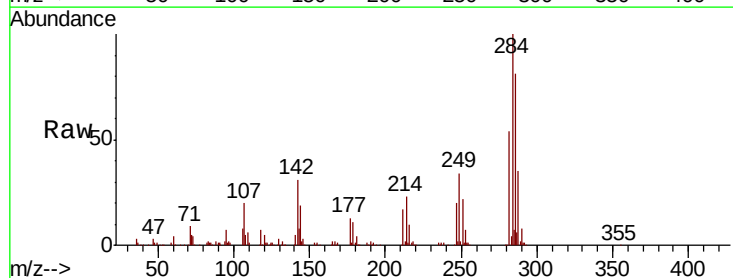
Manual Integrations
APPROVED

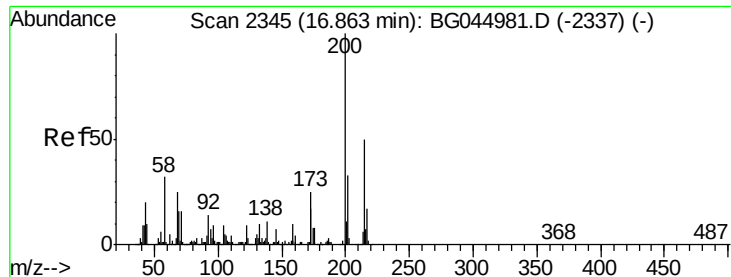
mohammad
5/8/2020 1:00:06 PM



#68
Hexachlorobenzene
Concen: 42.190 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.8	38.6
249	34.0	26.6	39.8





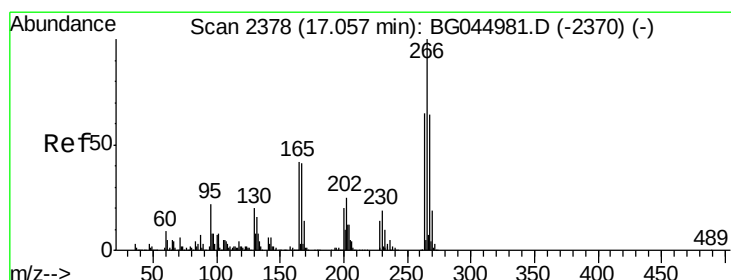
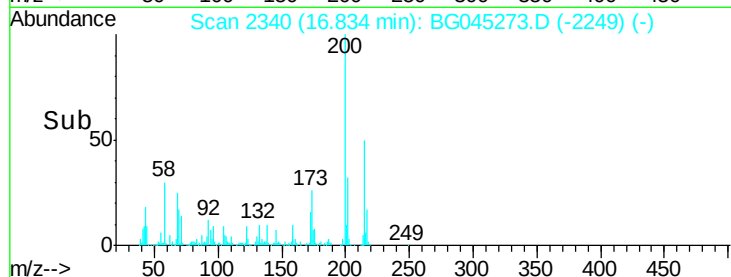
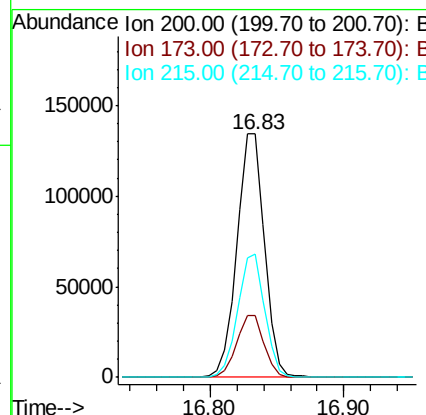
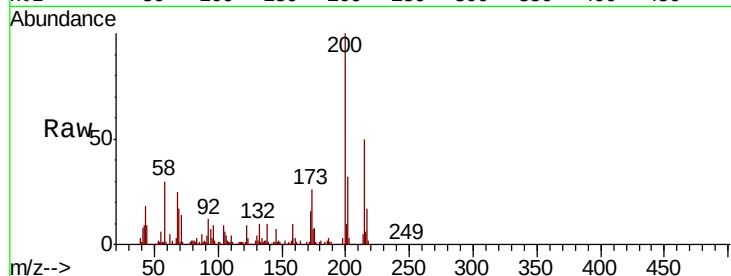
#69
Atrazine
Concen: 43.936 ng
RT: 16.83 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.5	44.5
215	50.5	30.0	70.0

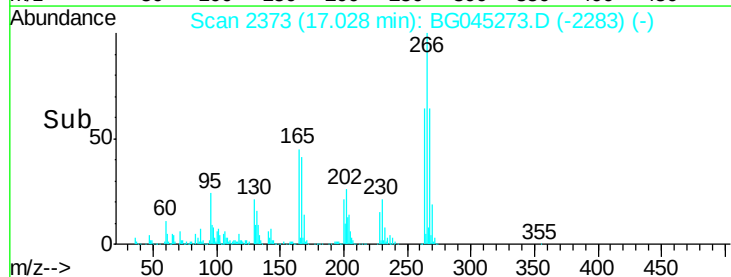
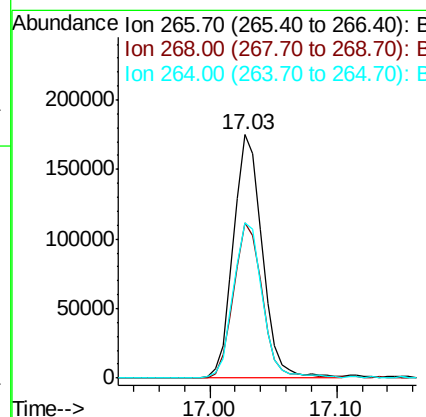
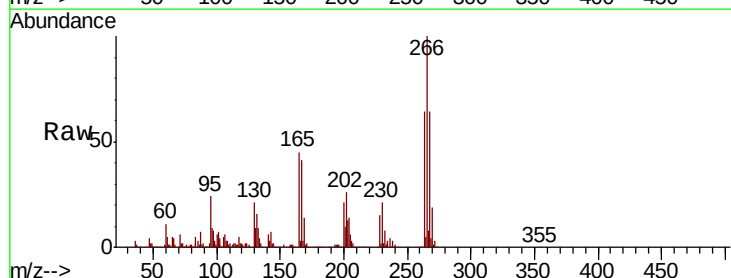
Manual Integrations
APPROVED

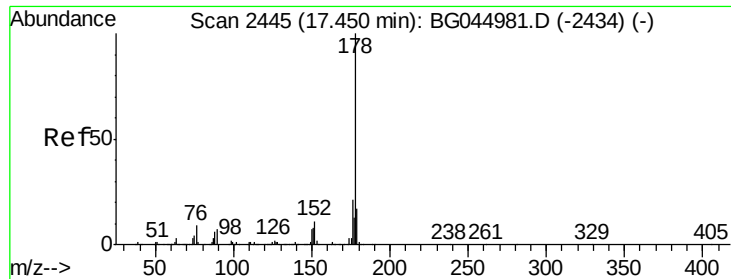
mohammad
5/8/2020 1:00:06 PM



#70
Pentachlorophenol
Concen: 80.119 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.5	77.3
264	63.8	52.2	78.4





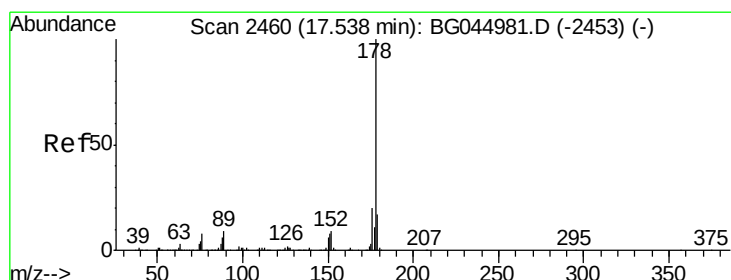
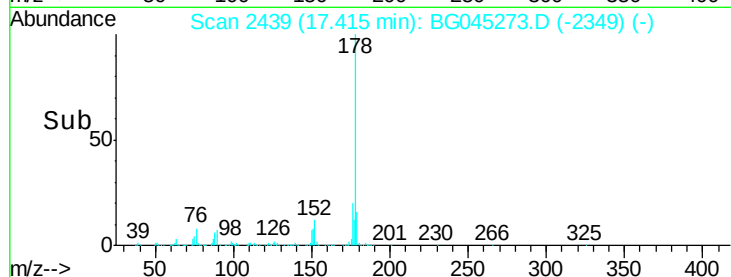
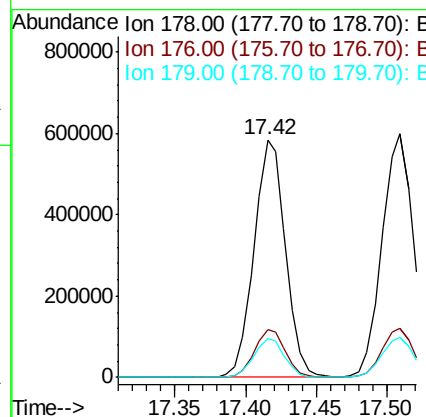
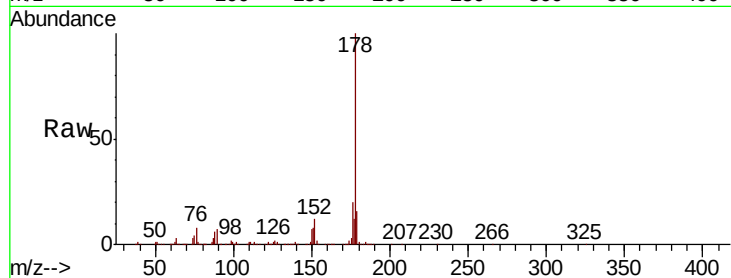
#71
Phenanthrene
Concen: 42.442 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	16.4	13.2	19.8

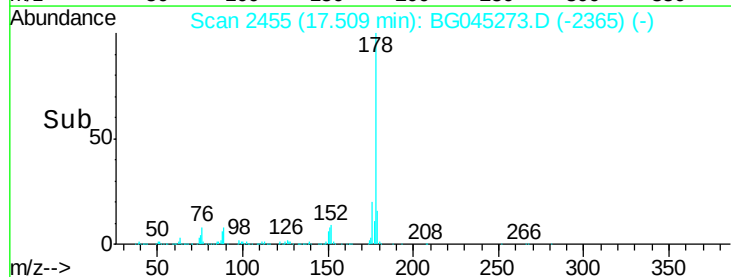
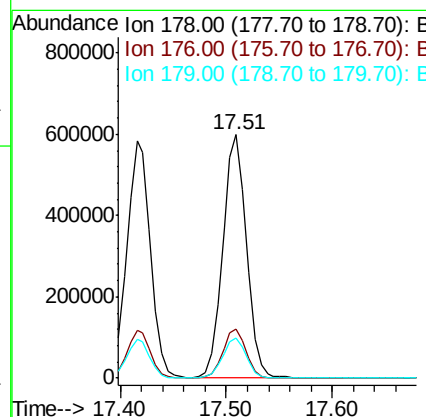
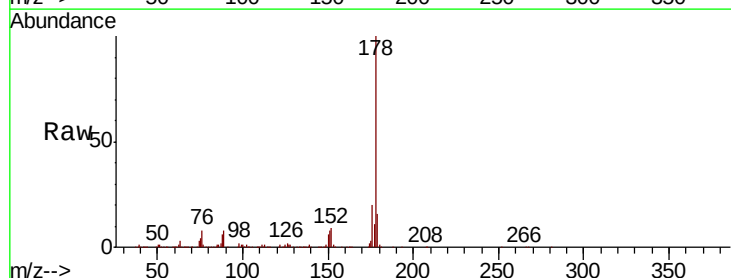
Manual Integrations
APPROVED

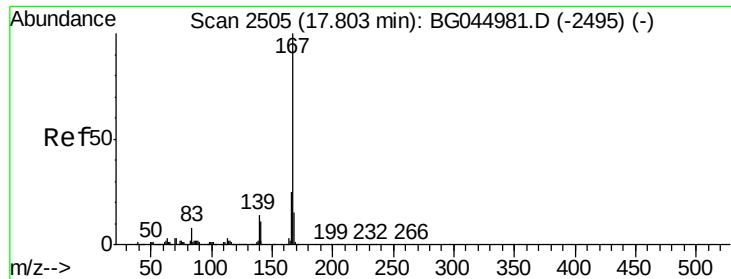
mohammad
5/8/2020 1:00:06 PM



#72
Anthracene
Concen: 43.183 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.3	13.6	20.4





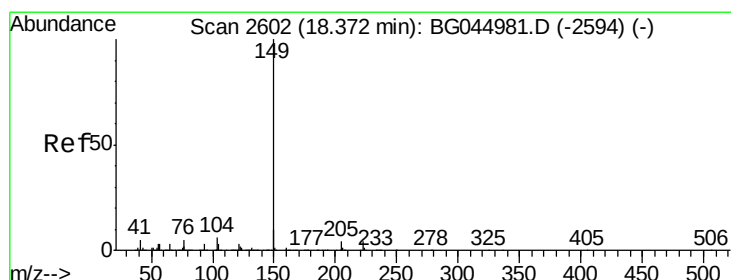
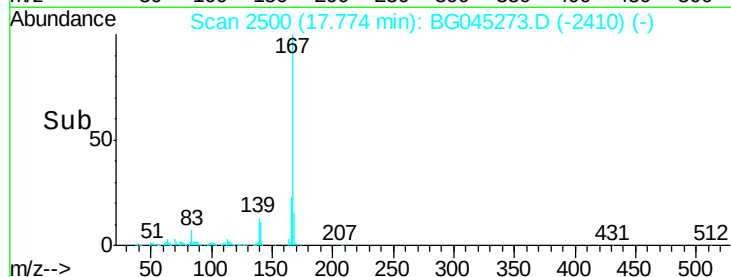
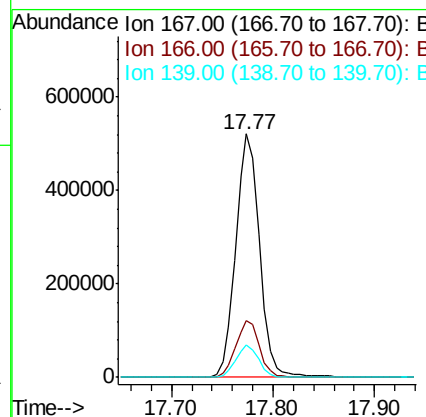
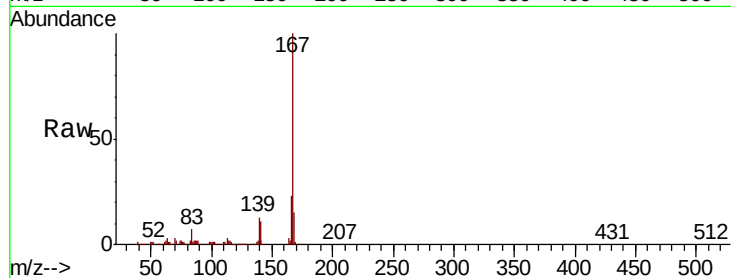
#73
 Carbazole
 Concen: 38.631 ng
 RT: 17.77 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.8	29.6
139	13.1	10.9	16.3

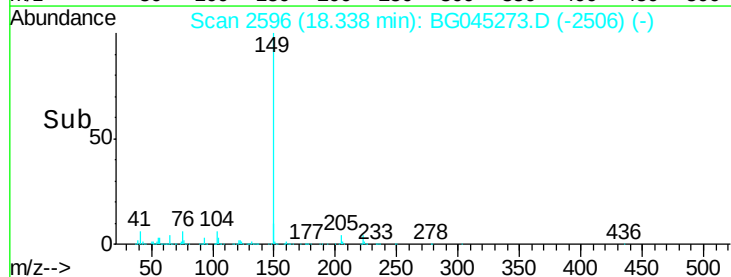
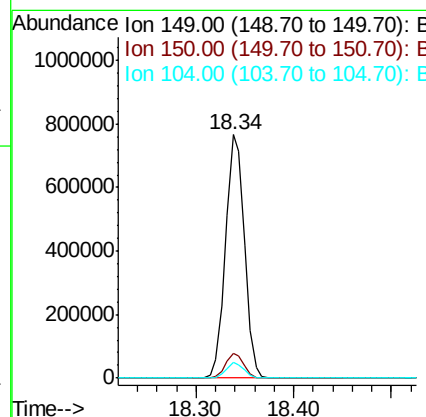
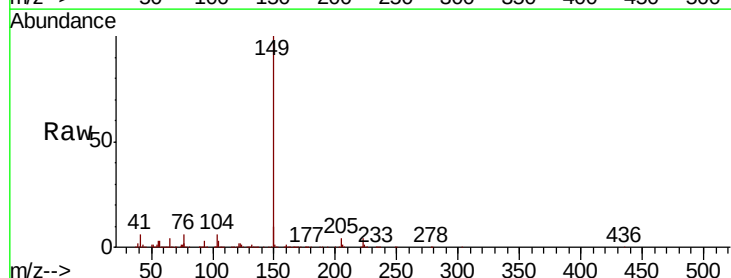
Manual Integrations
 APPROVED

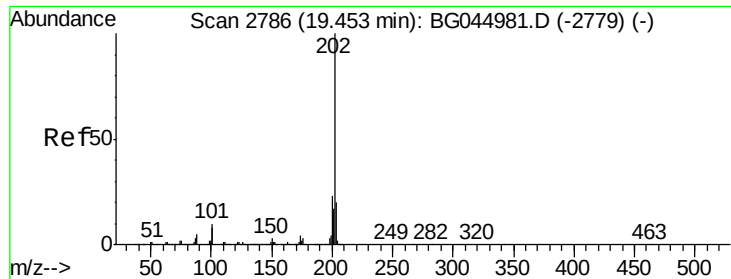
mohammad
 5/8/2020 1:00:06 PM



#74
 Di-n-butylphthalate
 Concen: 42.636 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 44.405 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

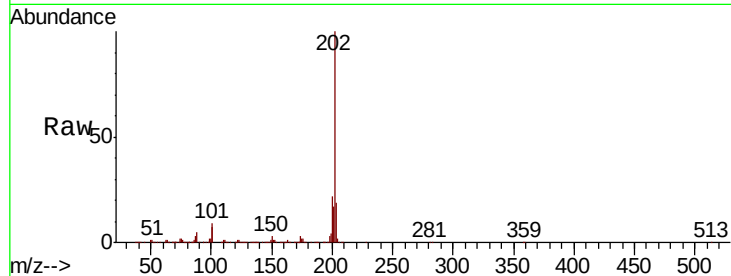
ClientSampleId :

PB128711BS

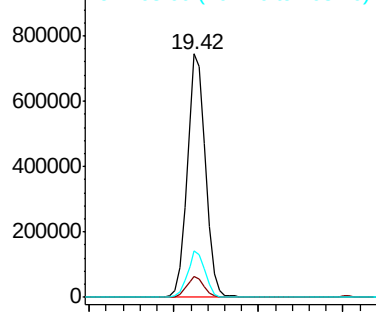
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.5	0.0	29.6		
203	19.3	0.0	39.7		

Manual Integrations
APPROVED

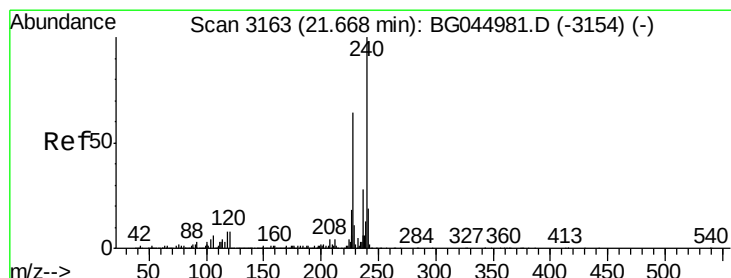
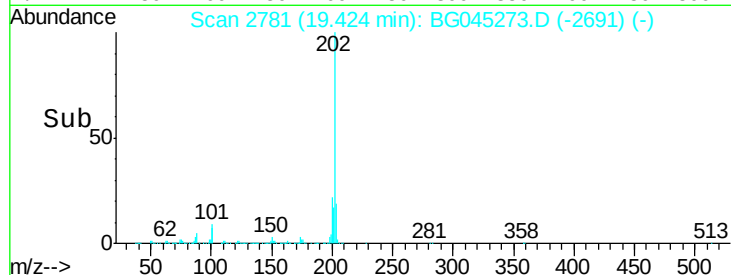
mohammad
5/8/2020 1:00:06 PM



Abundance Ion 202.00 (201.70 to 202.70): E
1000000 Ion 101.00 (100.70 to 101.70): E
800000 Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#76

Chrysene-d12

Concen: 20.000 ng

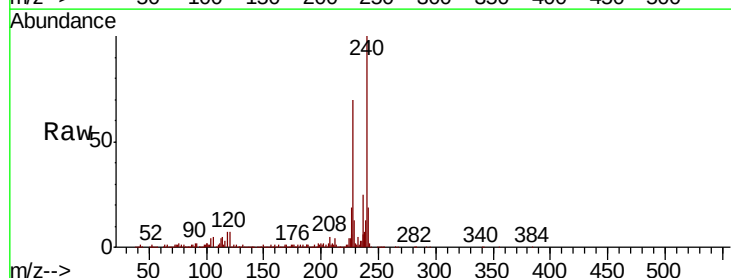
RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

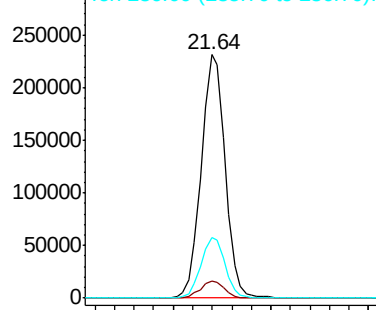
Lab File: BG045273.D

Acq: 7 May 2020 17:20

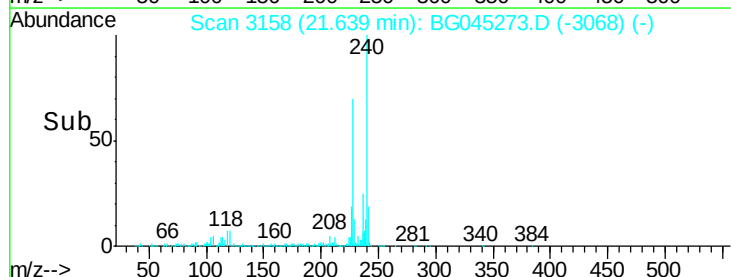
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	6.9	6.6	10.0		
236	24.8	22.2	33.2		

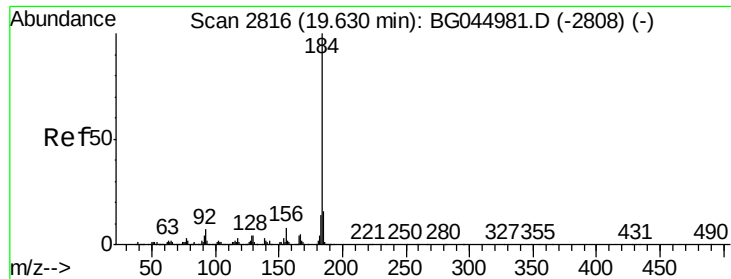


Abundance Ion 240.00 (239.70 to 240.70): E
300000 Ion 120.00 (119.70 to 120.70): E
250000 Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70





#77

Benzidine

Concen: 57.049 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

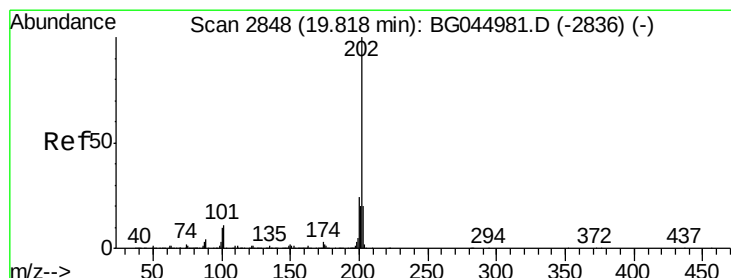
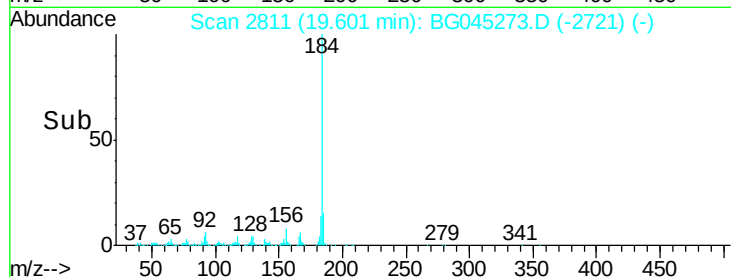
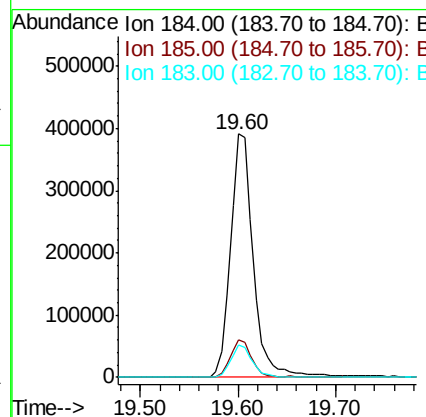
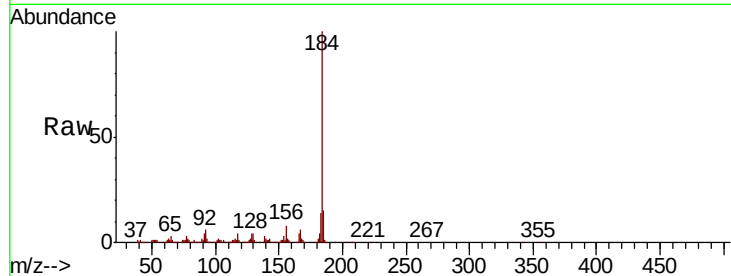
ClientSampleId :

PB128711BS

Tot Ion:	184	Resp:	632181
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	19.0
183	13.6	11.3	16.9

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#78

Pyrene

Concen: 40.775 ng

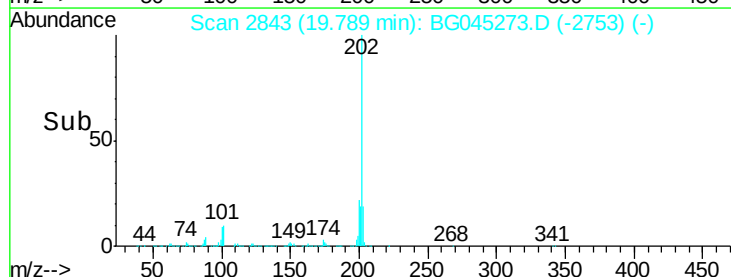
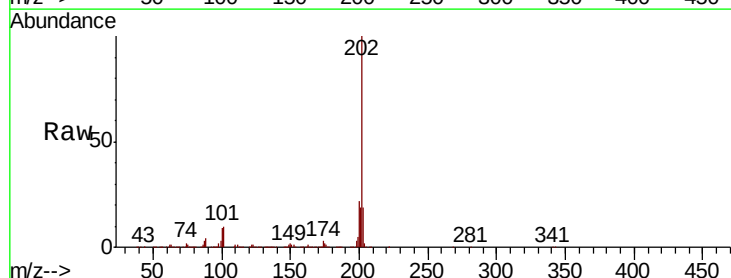
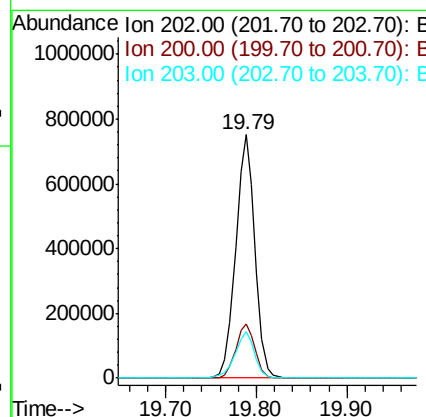
RT: 19.79 min Scan# 2843

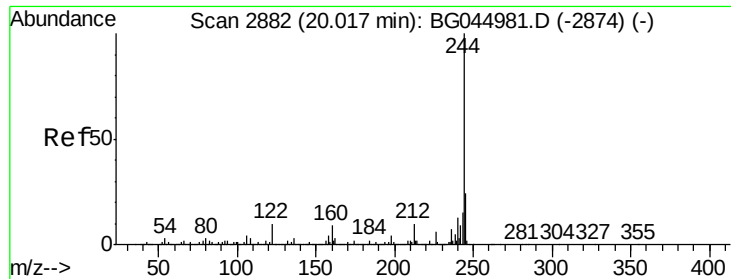
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	202	Resp:	1106395
Ion Ratio	Lower	Upper	
202	100		
200	22.4	19.0	28.6
203	19.3	16.1	24.1





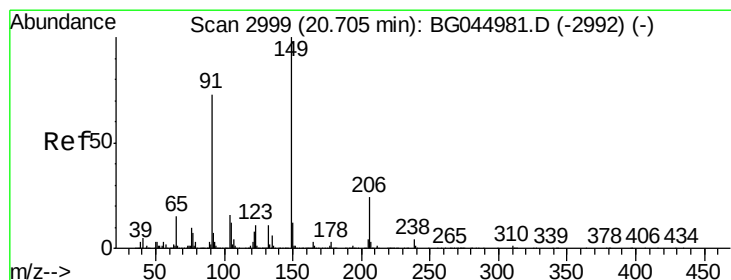
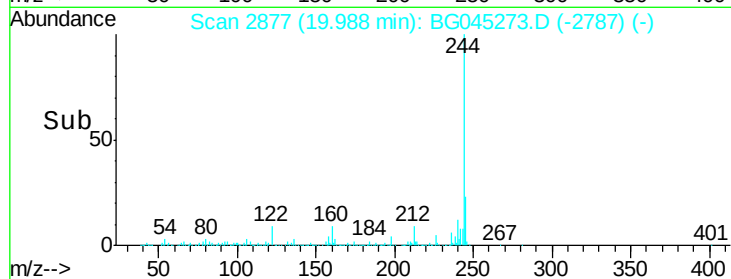
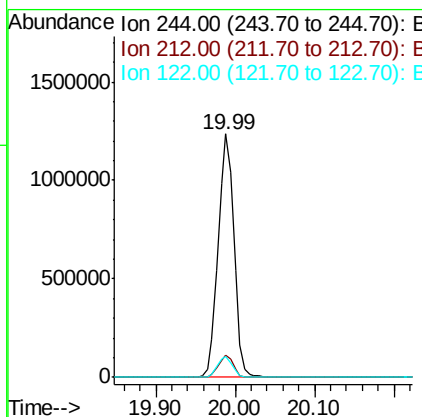
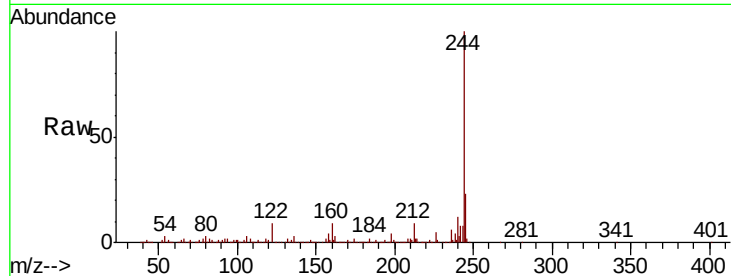
#79
 Terphenyl-d14
 Concen: 94.909 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	8.8	7.7	11.5

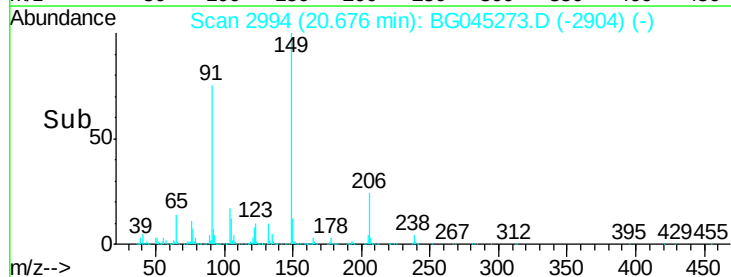
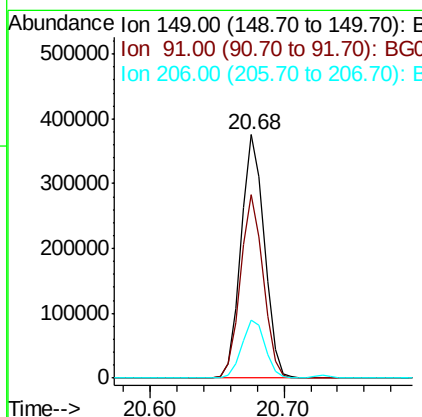
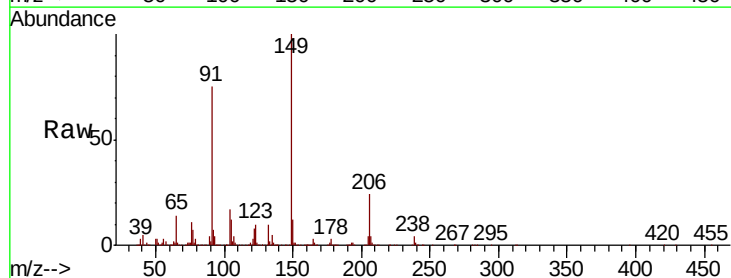
Manual Integrations
 APPROVED

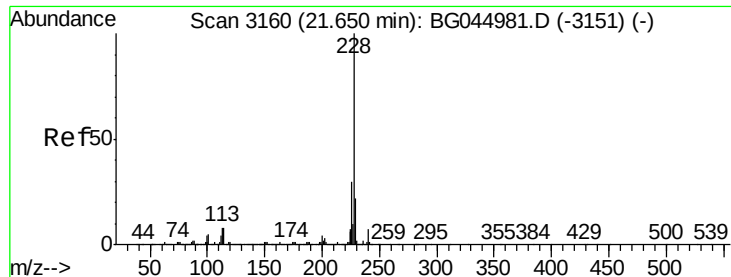
mohammad
 5/8/2020 1:00:06 PM



#80
 Butylbenzylphthalate
 Concen: 40.506 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG045273.D
 Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	58.5	87.7
206	23.9	19.2	28.8





#81

Benzo(a)anthracene

Concen: 42.232 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

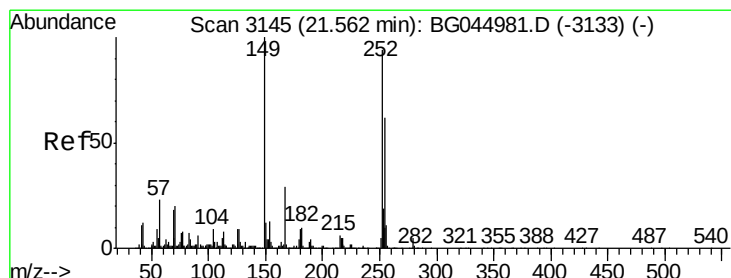
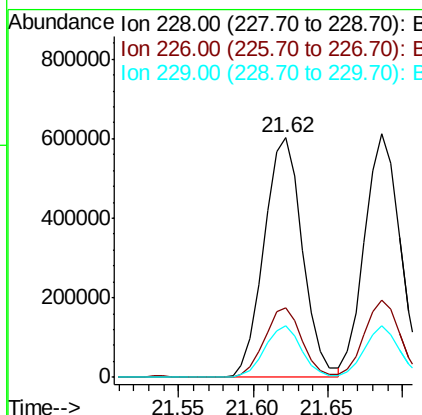
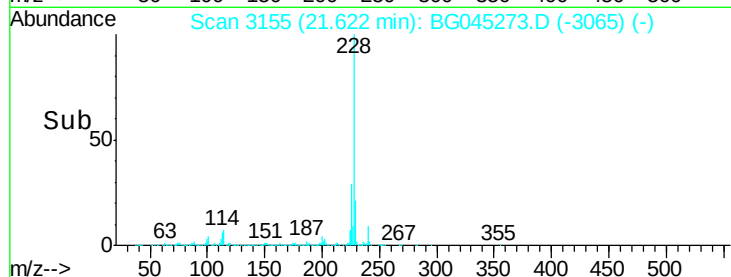
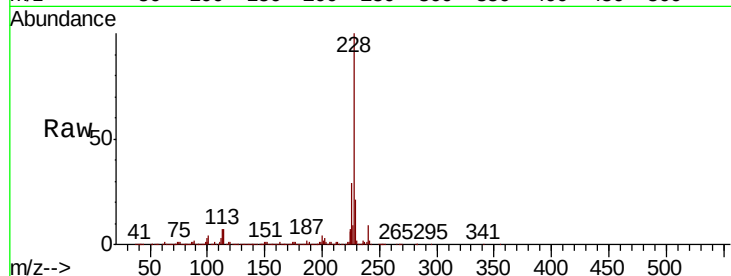
ClientSampleId :

PB128711BS

Tot Ion:	228	Resp:	1077362
Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	21.3	17.5	26.3

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#82

3,3'-Dichlorobenzidine

Concen: 25.205 ng

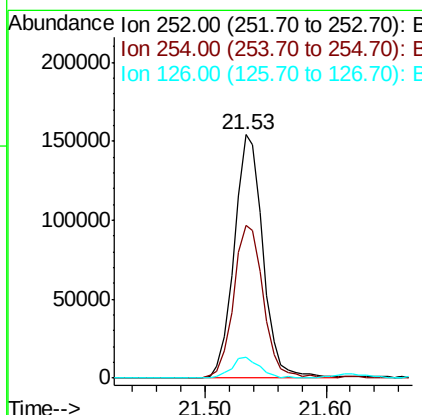
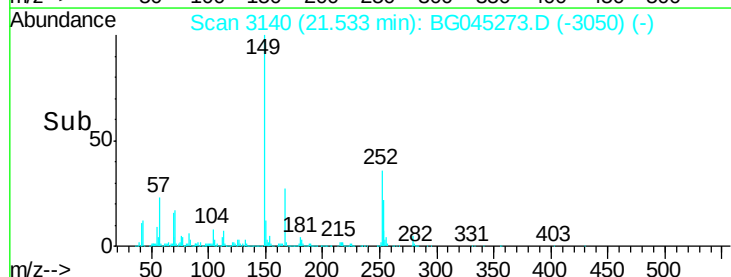
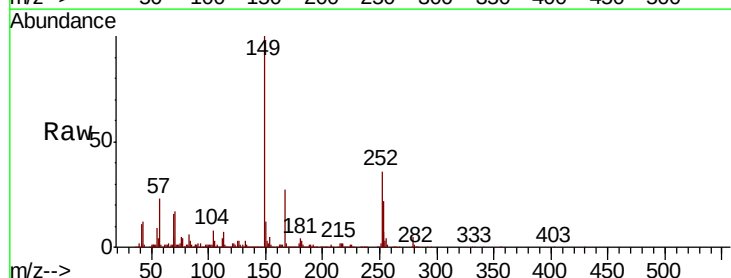
RT: 21.53 min Scan# 3140

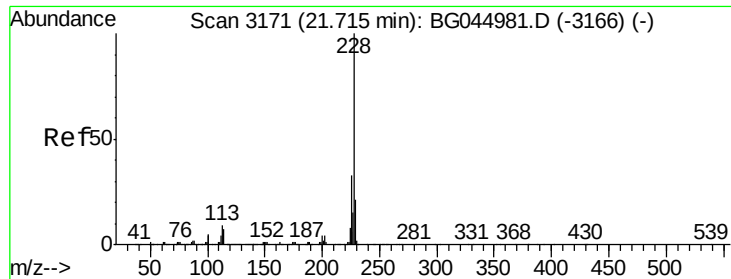
Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	252	Resp:	255929
Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.6	79.0
126	8.8	7.5	11.3





#83

Chrysene

Concen: 41.359 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

ClientSampleId :

PB128711BS

Tot Ion:228 Resp: 1013746

Ion Ratio Lower Upper

228 100

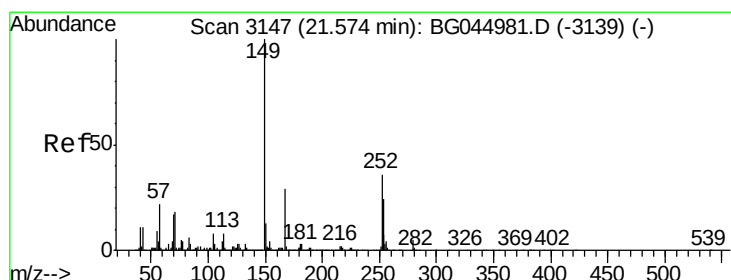
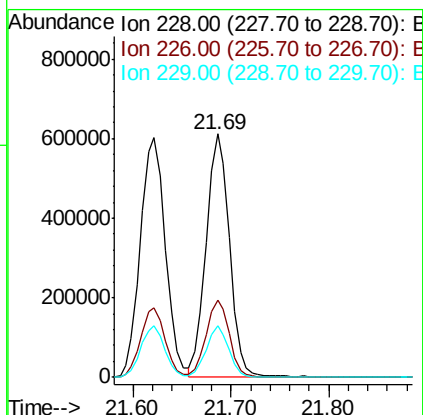
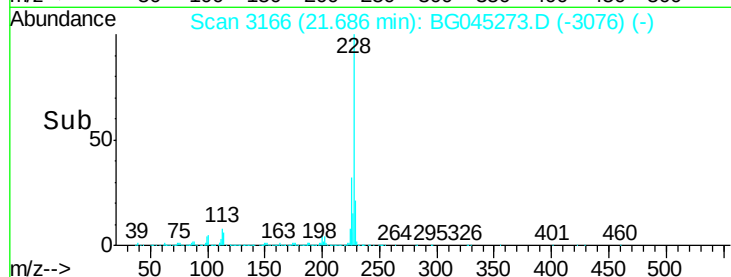
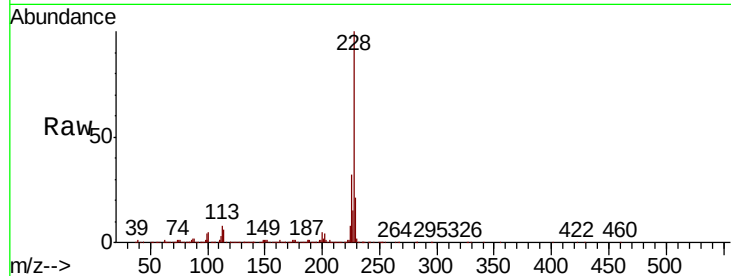
226 31.6 26.2 39.4

229 21.3 17.0 25.6

Manual Integrations
APPROVED

mohammad

5/8/2020 1:00:06 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.754 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

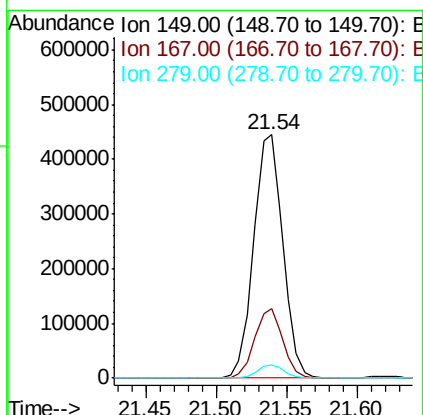
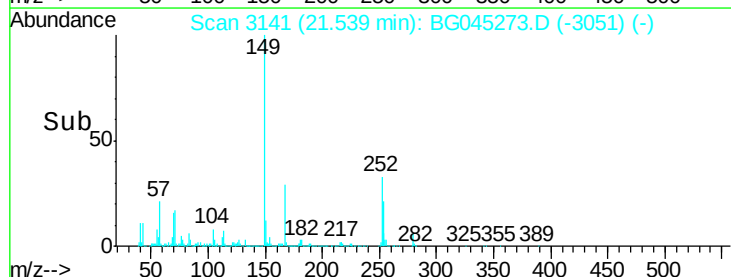
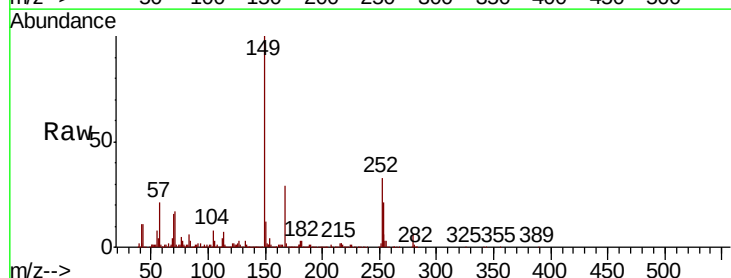
Tgt Ion:149 Resp: 645897

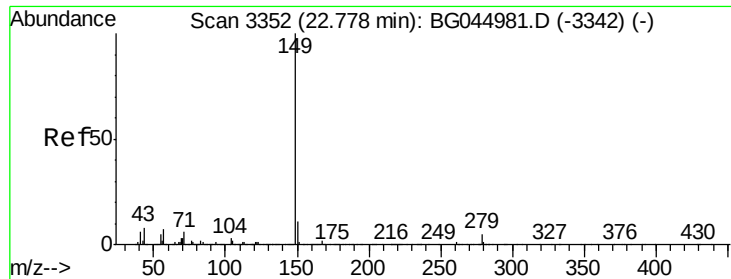
Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

279 5.6 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 40.917 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Instrument :

BNA_G

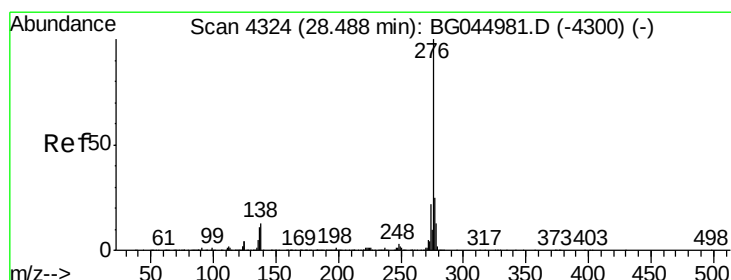
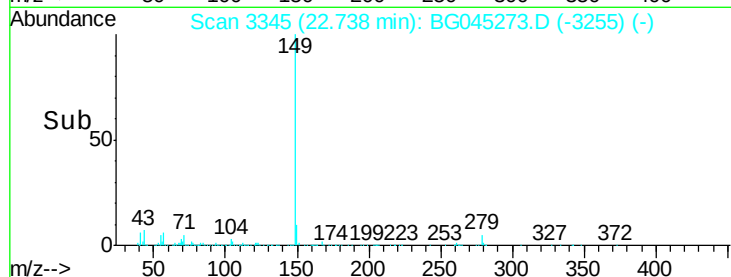
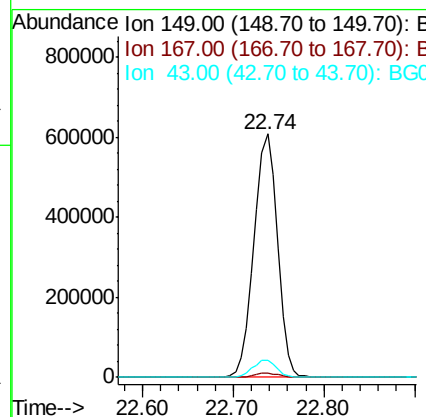
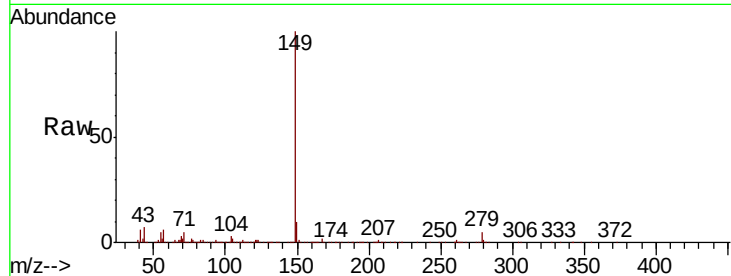
ClientSampleId :

PB128711BS

Tot Ion:	149	Resp:	1094537
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.9	5.7	8.5

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.631 ng

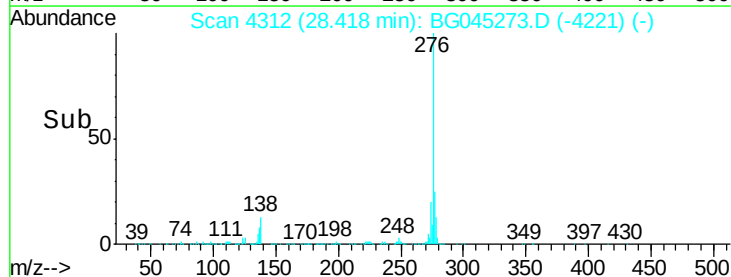
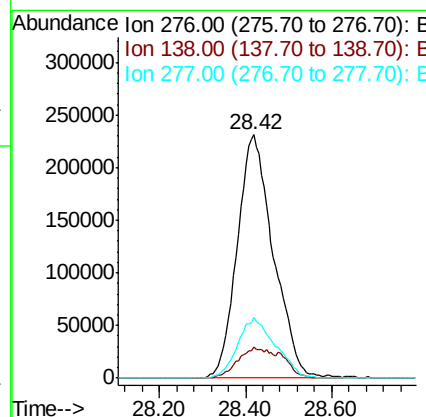
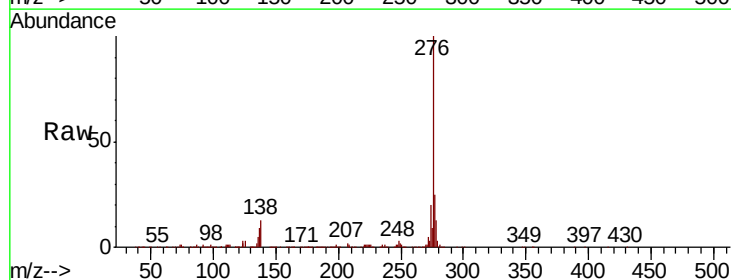
RT: 28.42 min Scan# 4312

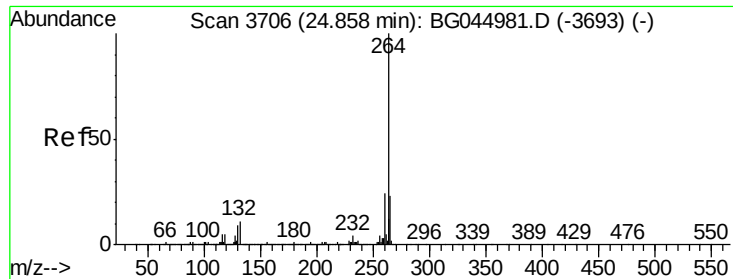
Delta R.T. 0.00 min

Lab File: BG045273.D

Acq: 7 May 2020 17:20

Tgt Ion:	276	Resp:	1354786
Ion	Ratio	Lower	Upper
276	100		
138	11.7	9.6	14.4
277	25.8	20.6	31.0





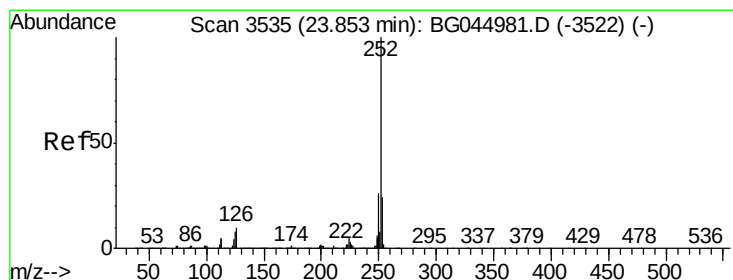
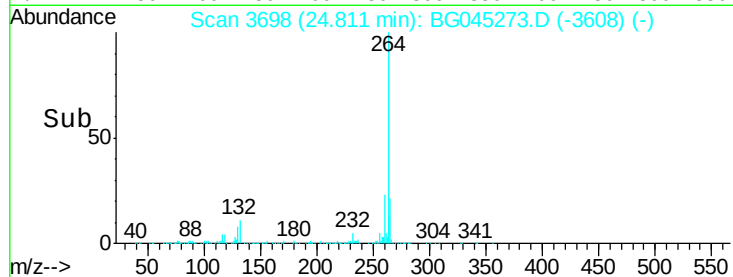
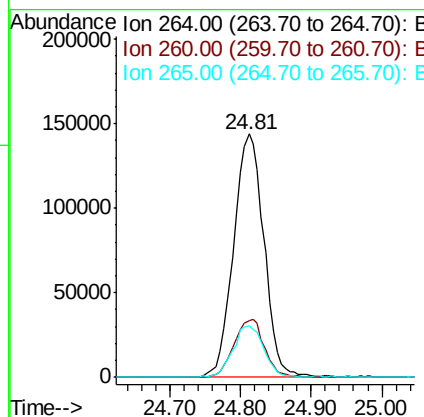
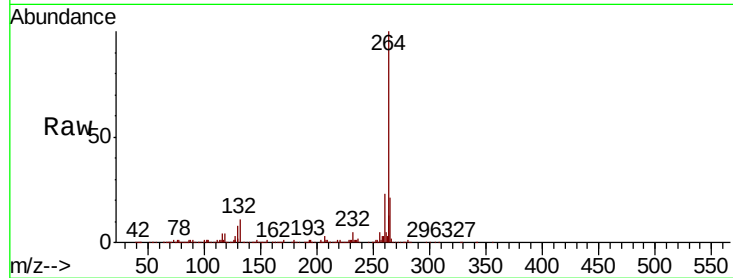
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	19.0	28.4

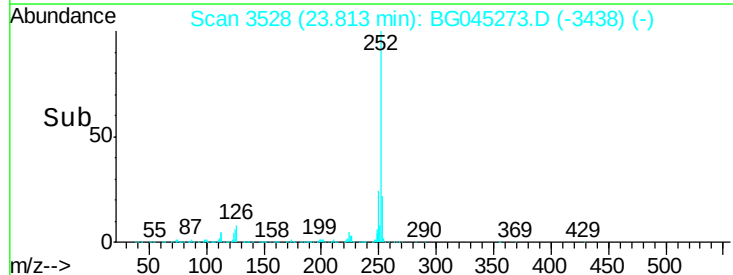
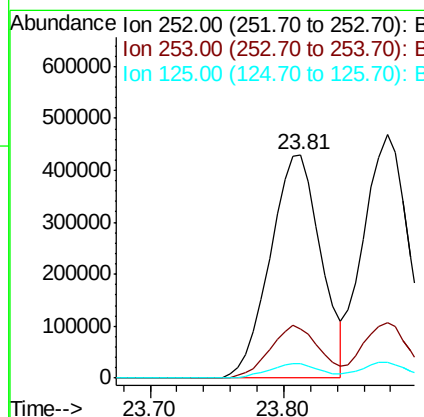
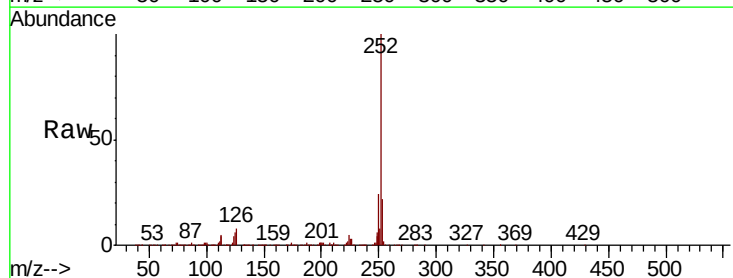
Manual Integrations
APPROVED

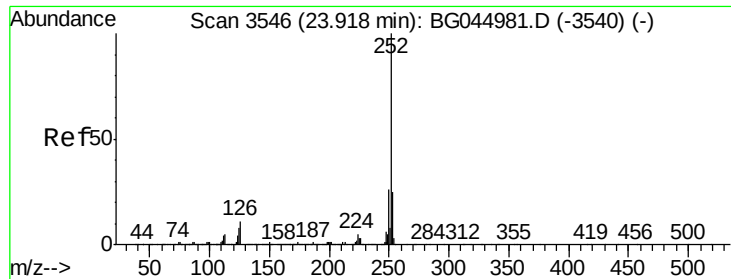
mohammad
5/8/2020 1:00:06 PM



#88
Benzo(b)fluoranthene
Concen: 42.280 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	6.3	6.2	9.4





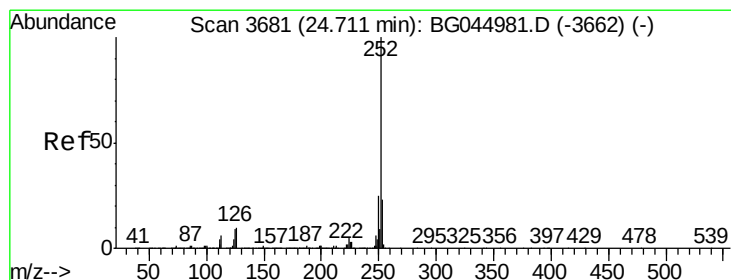
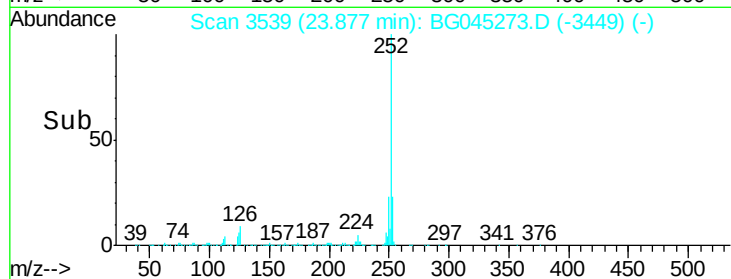
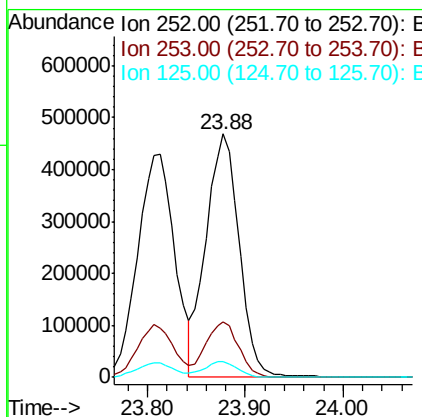
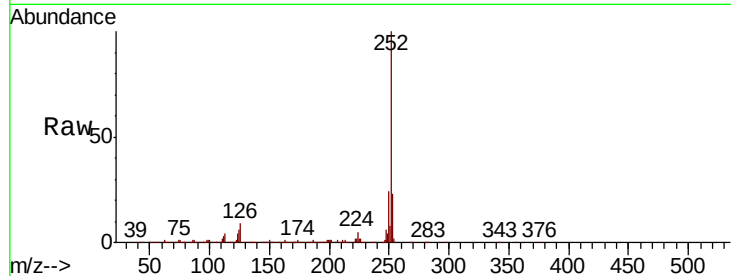
#89
Benzo(k)fluoranthene
Concen: 43.187 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	6.3	5.9	8.9

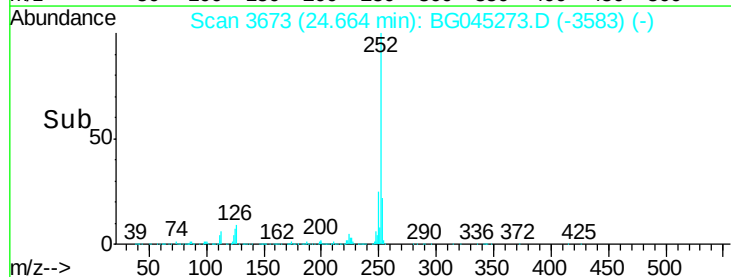
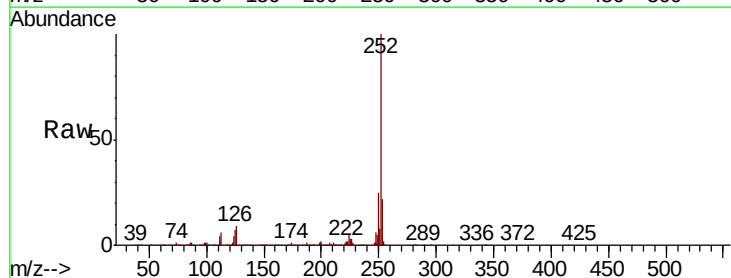
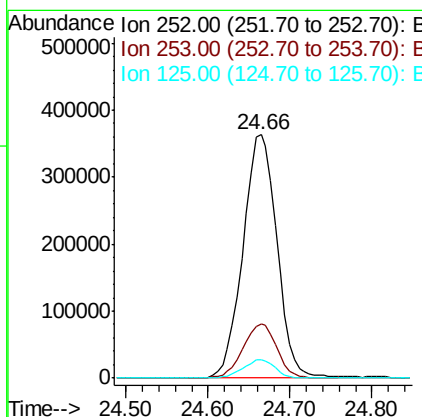
Manual Integrations
APPROVED

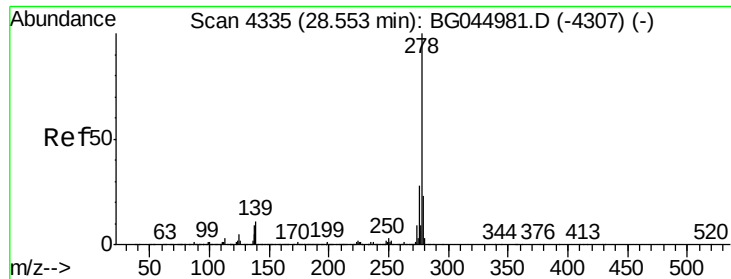
mohammad
5/8/2020 1:00:06 PM



#90
Benzo(a)pyrene
Concen: 41.403 ng
RT: 24.66 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	7.4	7.0	10.6





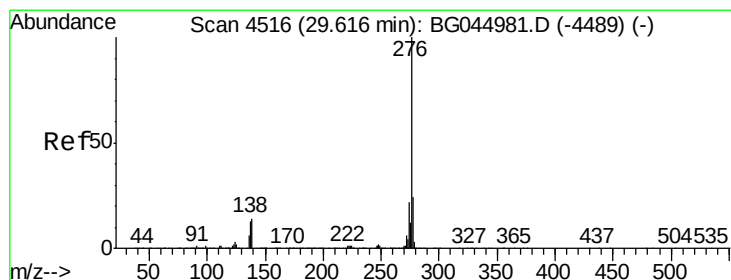
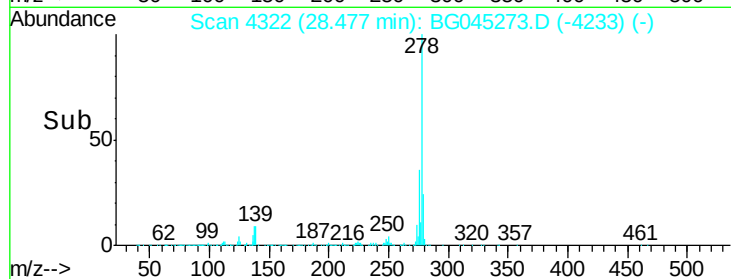
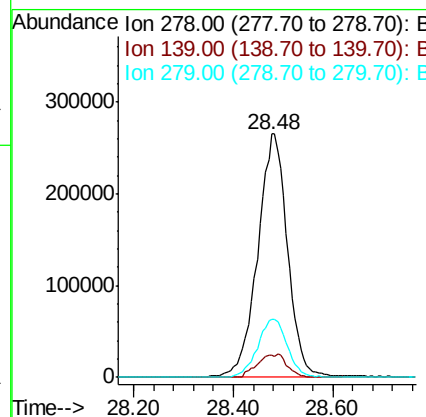
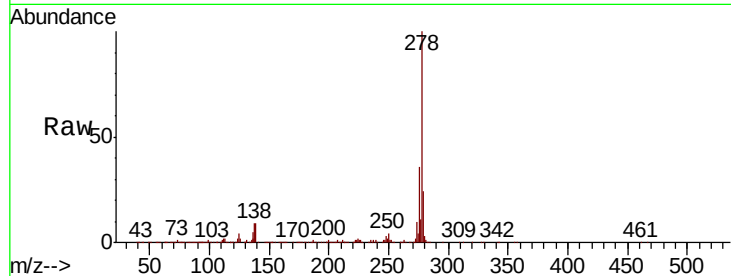
#91
Dibenzo(a,h)anthracene
Concen: 43.218 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Instrument :
BNA_G
ClientSampleId :
PB128711BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	9.0	13.6#
279	23.7	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/8/2020 1:00:06 PM



#92
Benzo(g,h,i)perylene
Concen: 43.845 ng
RT: 29.55 min Scan# 4504
Delta R.T. 0.00 min
Lab File: BG045273.D
Acq: 7 May 2020 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	12.6	11.4	17.2

