

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045047.D
 Acq On : 18 Apr 2020 1:47
 Operator : CG/JU
 Sample : PB128298BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Manual Integrations
 APPROVED

mohammad
 4/20/2020 2:28:13 PM

Quant Time: Apr 18 03:11:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62530	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	277084	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214318	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	533949	20.00	ng	0.00
76) Chrysene-d12	21.67	240	479006	20.00	ng	0.00
87) Perylene-d12	24.85	264	537843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	552500	145.87	ng	0.00
7) Phenol-d6	7.19	99	802806	142.66	ng	0.00
23) Nitrobenzene-d5	9.18	82	501997	82.67	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	440743	133.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1254386	85.82	ng	0.00
79) Terphenyl-d14	20.01	244	2058702	93.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	55628	33.048	ng	98
3) Pyridine	3.88	79	166657	32.157	ng	96
4) n-Nitrosodimethylamine	3.79	42	66281	41.748	ng	98
6) Aniline	7.34	93	213984	29.246	ng	98
8) 2-Chlorophenol	7.59	128	215552	52.954	ng	99
9) Benzaldehyde	7.15	77	101291	29.253	ng	100
10) Phenol	7.21	94	293413	52.105	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	191529	42.720	ng	99
12) 1,3-Dichlorobenzene	7.91	146	208987	43.570	ng	98
13) 1,4-Dichlorobenzene	8.06	146	212403	44.440	ng	100
14) 1,2-Dichlorobenzene	8.38	146	202085	44.195	ng	92
15) Benzyl Alcohol	8.26	79	225998	47.901	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	182386	41.442	ng	98
17) 2-Methylphenol	8.46	107	198845	45.767	ng	97
18) Hexachloroethane	9.11	117	79776	44.400	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	179248	45.041	ng	97
20) 3+4-Methylphenols	8.79	107	284031	46.706	ng	97
22) Acetophenone	8.84	105	329258	43.942	ng	97
24) Nitrobenzene	9.22	77	267291	42.941	ng	96
25) Isophorone	9.75	82	521539	41.939	ng	99
26) 2-Nitrophenol	9.93	139	128280	47.844	ng	98
27) 2,4-Dimethylphenol	10.00	122	214562	50.434	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	293012	44.845	ng	100
29) 2,4-Dichlorophenol	10.48	162	245507	49.977	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	247065	44.421	ng	97
31) Naphthalene	10.88	128	667789	44.056	ng	98
32) Benzoic acid	10.15	122	160851	46.961	ng	96
33) 4-Chloroaniline	10.98	127	64792	9.166	ng	96
34) Hexachlorobutadiene	11.18	225	165109	43.298	ng	98
35) Caprolactam	11.75	113	94236m	48.199	ng	
36) 4-Chloro-3-methylphenol	12.11	107	282008	48.868	ng	99
37) 2-Methylnaphthalene	12.48	142	532709	45.278	ng	99
38) 1-Methylnaphthalene	12.71	142	507402	45.683	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	295096	42.765	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045047.D
 Acq On : 18 Apr 2020 1:47
 Operator : CG/JU
 Sample : PB128298BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

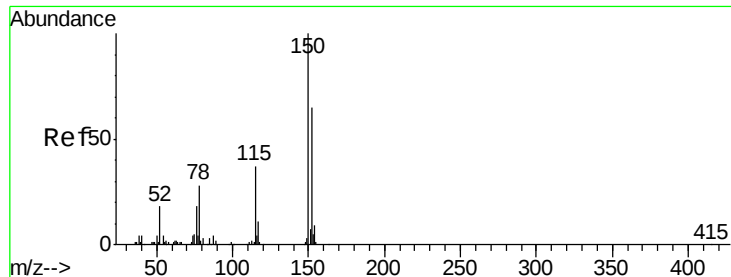
Manual Integrations
 APPROVED

mohammad
 4/20/2020 2:28:13 PM

Quant Time: Apr 18 03:11:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	435661	101.013	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	224724	46.144	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	246454	44.459	nq	98
46) 1,1'-Biphenyl	13.49	154	686841	42.164	nq	99
47) 2-Chloronaphthalene	13.53	162	538932	43.298	nq	99
48) 2-Nitroaniline	13.73	65	181398	44.294	nq	99
49) Acenaphthylene	14.38	152	907793	44.775	nq	99
50) Dimethylphthalate	14.11	163	777270	44.541	nq	99
51) 2,6-Dinitrotoluene	14.22	165	176911	45.324	nq	97
52) Acenaphthene	14.72	154	691579m	50.416	nq	
53) 3-Nitroaniline	14.55	138	76450	17.858	nq	# 95
54) 2,4-Dinitrophenol	14.76	184	233632	100.661	nq	97
55) Dibenzofuran	15.06	168	888917	44.448	nq	97
56) 4-Nitrophenol	14.87	139	291229	87.739	nq	98
57) 2,4-Dinitrotoluene	15.01	165	253246	44.397	nq	# 96
58) Fluorene	15.71	166	735438	45.021	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	240116	48.681	nq	98
60) Diethylphthalate	15.48	149	801995	44.080	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	409867	43.591	nq	100
62) 4-Nitroaniline	15.72	138	177959	40.079	nq	92
63) Azobenzene	15.99	77	756385	45.092	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	167688	47.779	nq	97
66) n-Nitrosodiphenylamine	15.91	169	675638	44.040	nq	100
67) 4-Bromophenyl-phenylether	16.59	248	290293	42.143	nq	99
68) Hexachlorobenzene	16.72	284	315549	44.169	nq	96
69) Atrazine	16.86	200	279936	50.626	nq	99
70) Pentachlorophenol	17.06	266	396828	90.546	nq	98
71) Phenanthrene	17.45	178	1208410	44.041	nq	99
72) Anthracene	17.53	178	1226875	44.576	nq	99
73) Carbazole	17.80	167	1125886	40.310	nq	98
74) Di-n-butylphthalate	18.37	149	1334091	43.704	nq	99
75) Fluoranthene	19.45	202	1461032	45.351	nq	99
77) Benzidine	19.63	184	674184	49.142	nq	97
78) Pyrene	19.81	202	1432586	43.382	nq	99
80) Butylbenzylphthalate	20.70	149	580115	42.380	nq	100
81) Benzo(a)anthracene	21.65	228	1362530	43.887	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	345330	27.946	nq	# 94
83) Chrysene	21.71	228	1310476	43.932	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	814165	43.246	nq	96
85) Di-n-octyl phthalate	22.77	149	1396191	42.887	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1763331	44.523	nq	98
88) Benzo(b)fluoranthene	23.85	252	1481445	43.973	nq	99
89) Benzo(k)fluoranthene	23.91	252	1441784	45.000	nq	99
90) Benzo(a)pyrene	24.71	252	1374413	43.209	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	1438397	44.877	nq	97
92) Benzo(g,h,i)perylene	29.61	276	1459449	45.418	nq	98

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



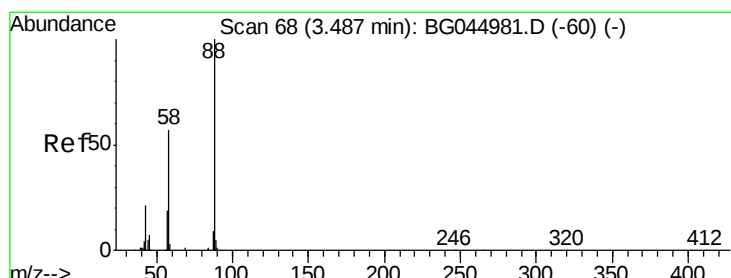
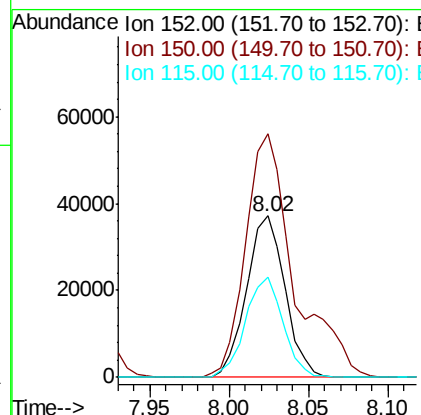
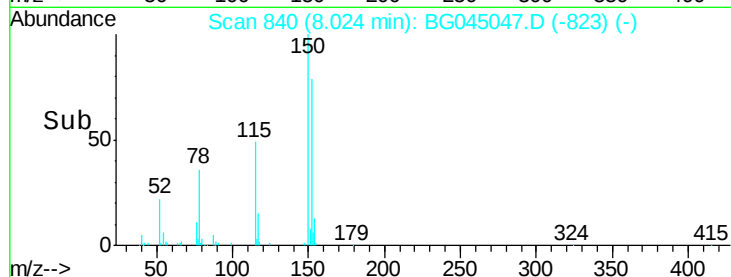
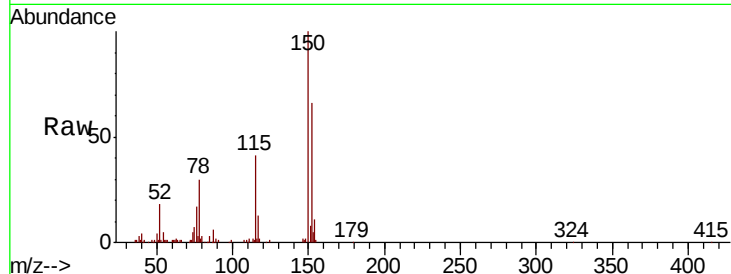
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion:	152	Resp:	62530
Ion Ratio	Lower	Upper	
152	100		
150	151.1	123.6	185.4
115	62.4	49.1	73.7

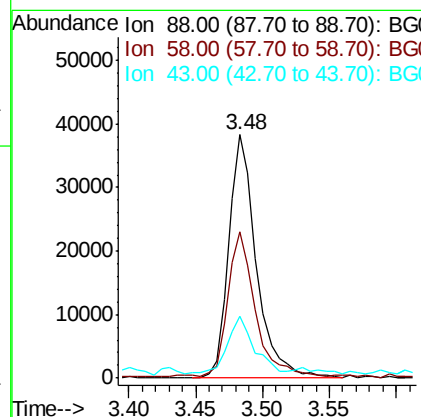
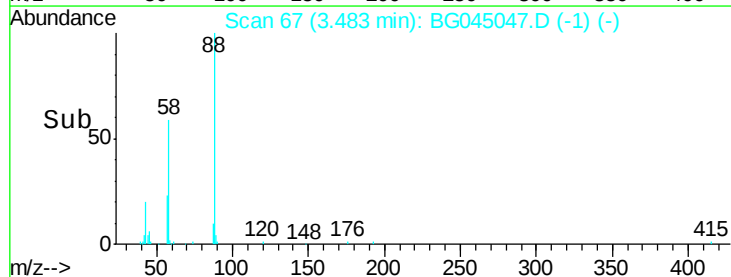
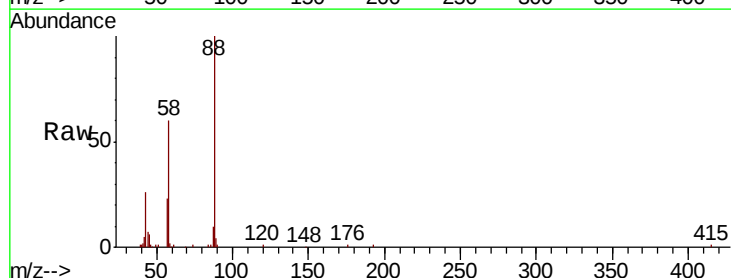
Manual Integrations
 APPROVED

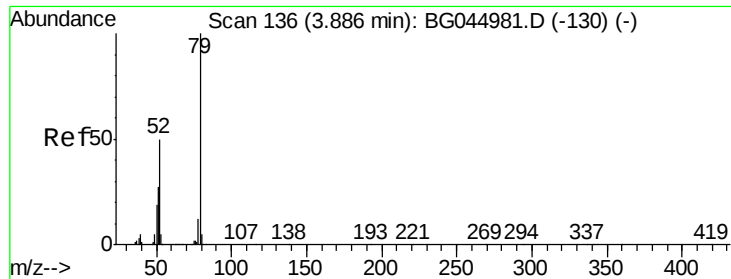
mohammad
 4/20/2020 2:28:13 PM



#2
 1,4-Dioxane
 Concen: 33.048 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion:	88	Resp:	55628
Ion Ratio	Lower	Upper	
88	100		
58	59.7	46.6	69.8
43	23.1	17.5	26.3





#3

Pvridine

Concen: 32.157 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

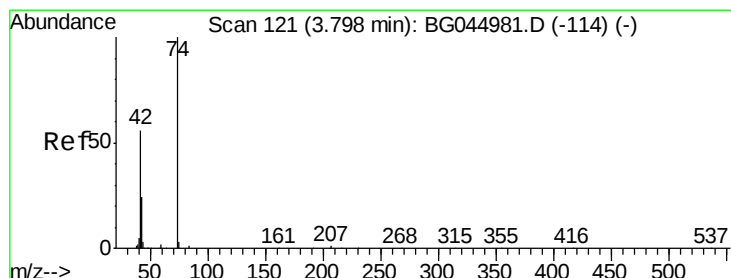
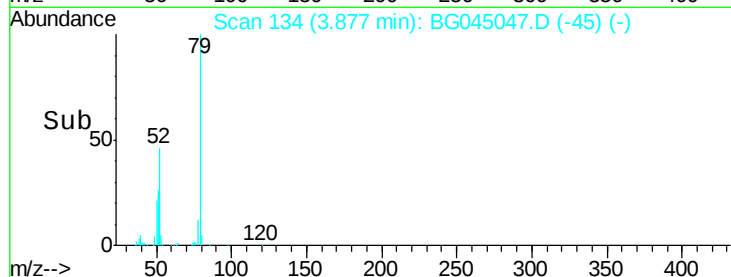
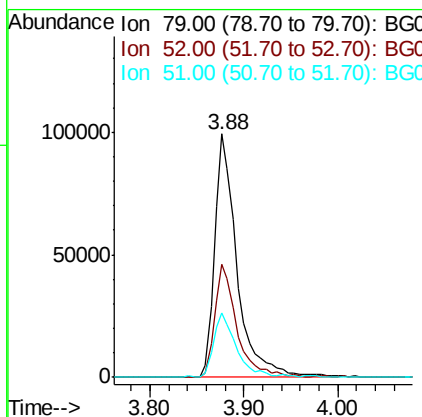
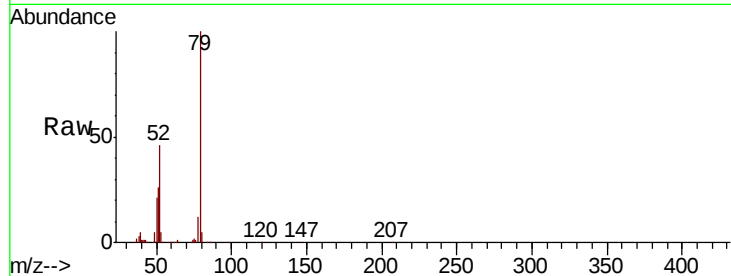
ClientSampled :

PB128298BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	166657		
52	52	46.4		39.8	59.6
51	51	26.2		21.4	32.2

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#4

n-Nitrosodimethylamine

Concen: 41.748 ng

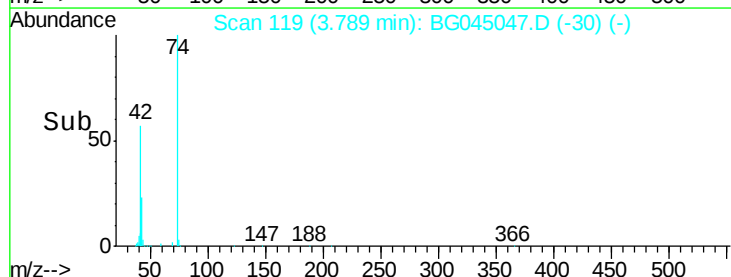
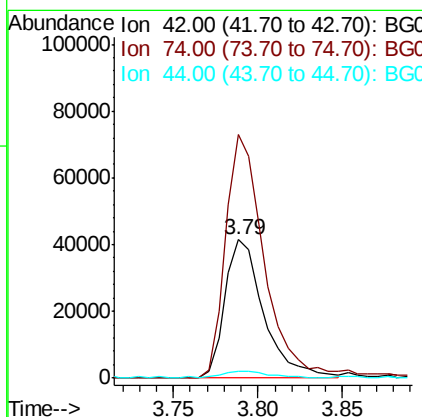
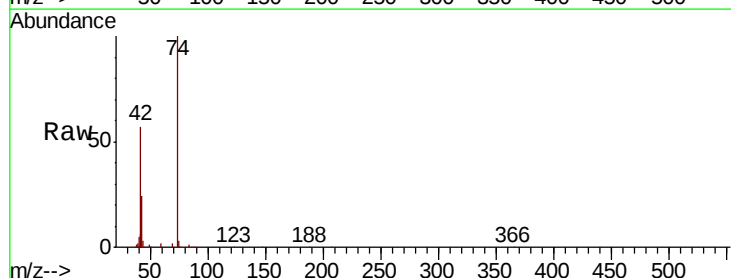
RT: 3.79 min Scan# 119

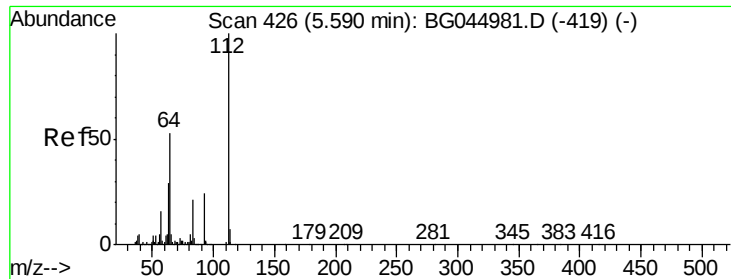
Delta R.T. -0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	66281		
74	74	175.9		143.0	214.6
44	44	5.3		4.6	6.8





#5

2-Fluorophenol

Concen: 145.874 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

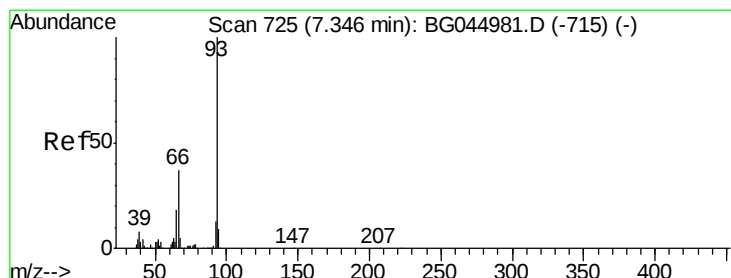
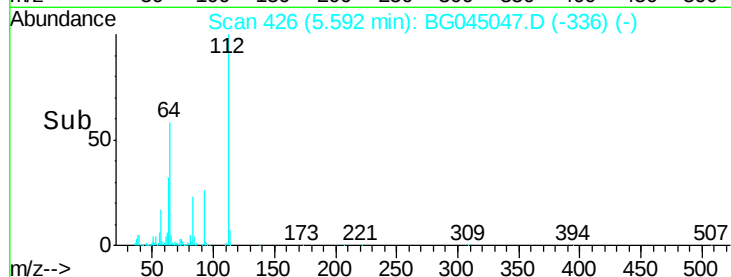
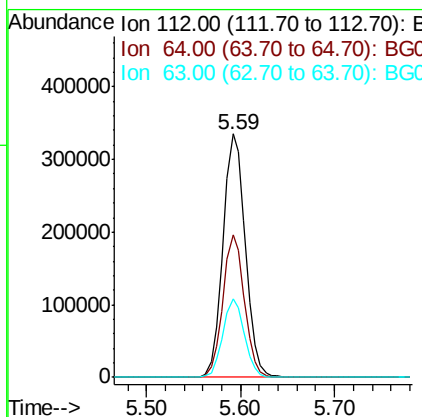
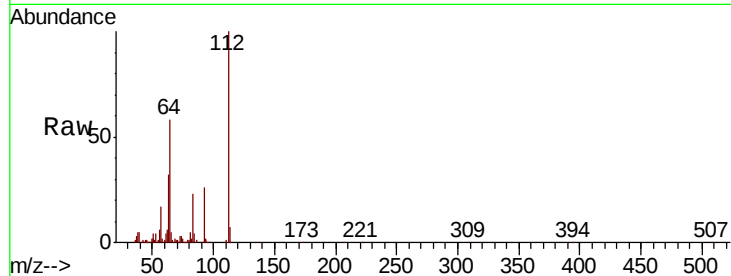
ClientSampleId :

PB128298BSD

Tot Ion:	112	Resp:	552500
Ion Ratio	Lower	Upper	
112	100		
64	58.5	42.4	63.6
63	32.0	23.1	34.7

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#6

Aniline

Concen: 29.246 ng

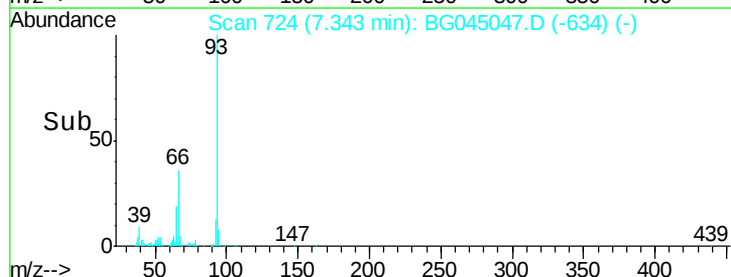
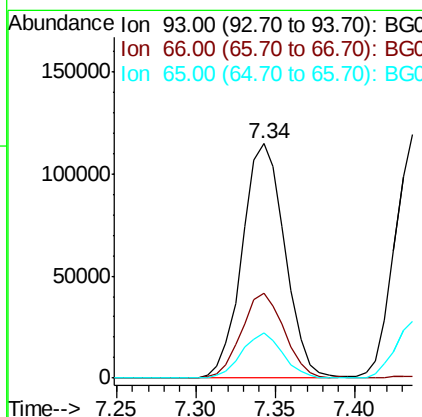
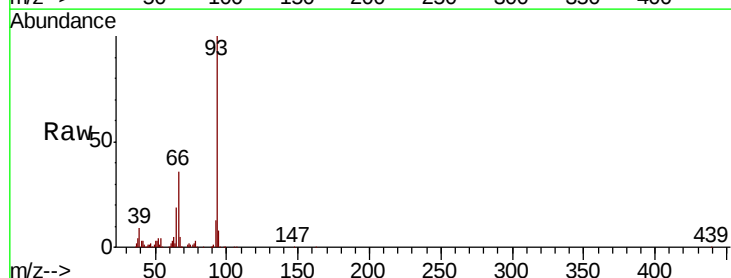
RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	93	Resp:	213984
Ion Ratio	Lower	Upper	
93	100		
66	36.4	29.8	44.8
65	19.2	14.6	22.0





#7

Phenol-d6

Concen: 142.662 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

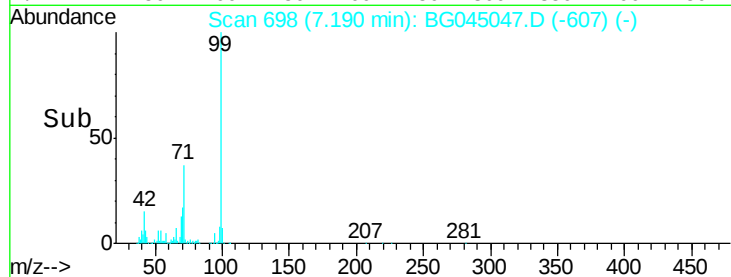
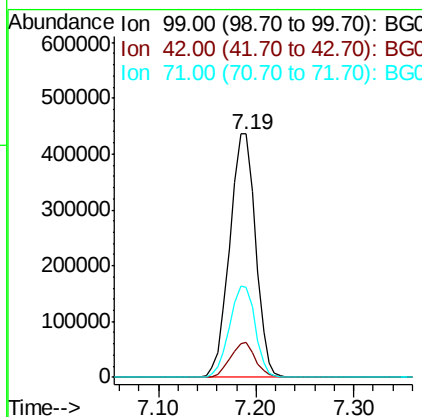
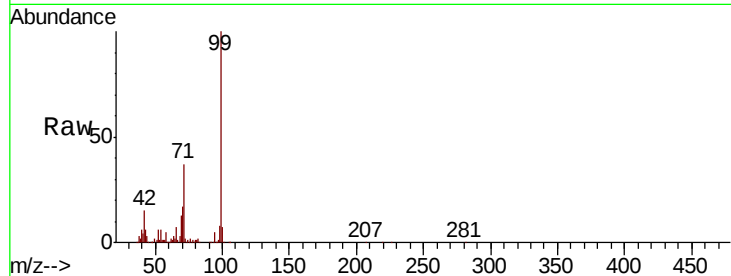
ClientSampleId :

PB128298BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		802806		
42	14.5	11.3	16.9		
71	37.2	28.3	42.5		

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#8

2-Chlorophenol

Concen: 52.954 ng

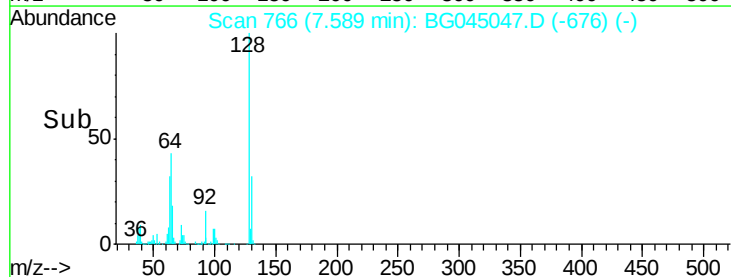
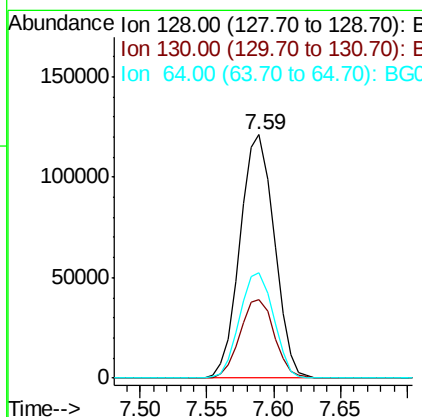
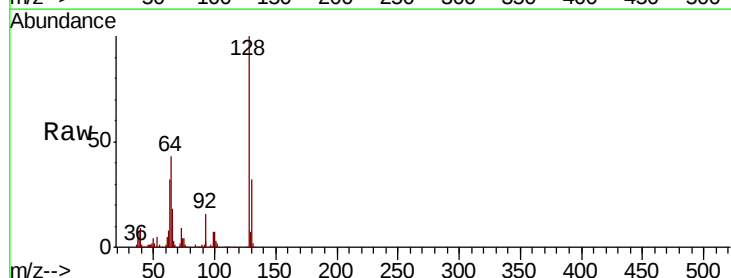
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		215552		
130	32.5	12.3	52.3		
64	43.4	24.4	64.4		





#9

Benzaldehyde

Concen: 29.253 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

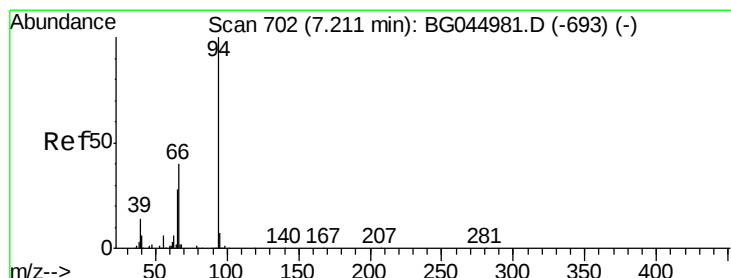
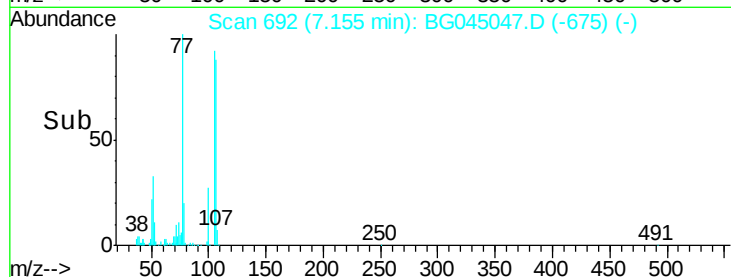
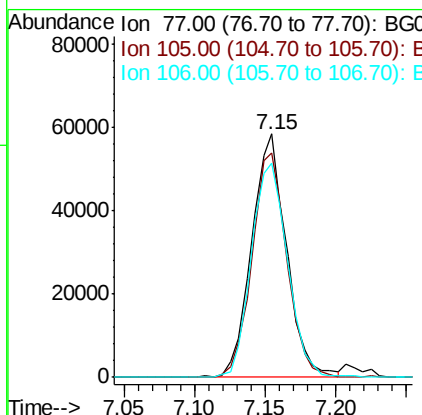
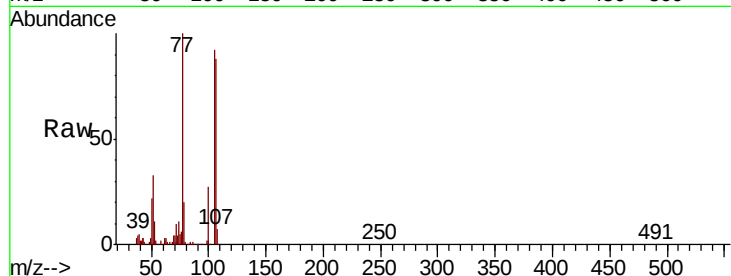
ClientSampleId :

PB128298BSD

Tot Ion:	77	Resp:	101291
Ion Ratio	Lower	Upper	
77	100		
105	92.4	72.9	112.9
106	87.8	67.6	107.6

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#10

Phenol

Concen: 52.105 ng

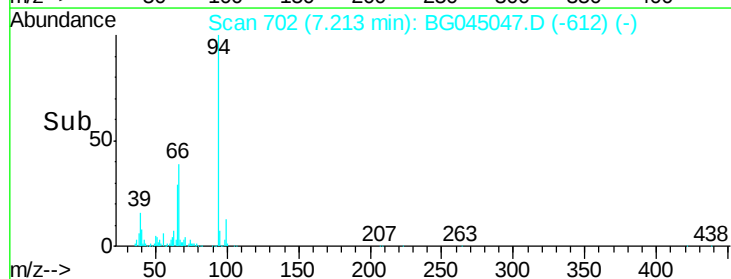
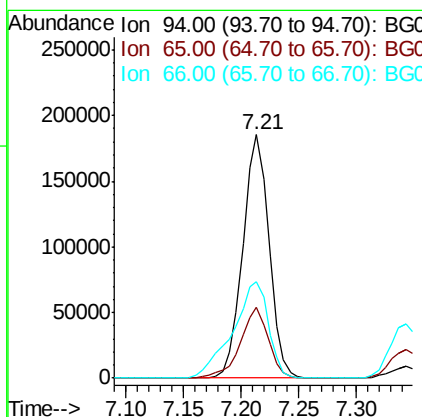
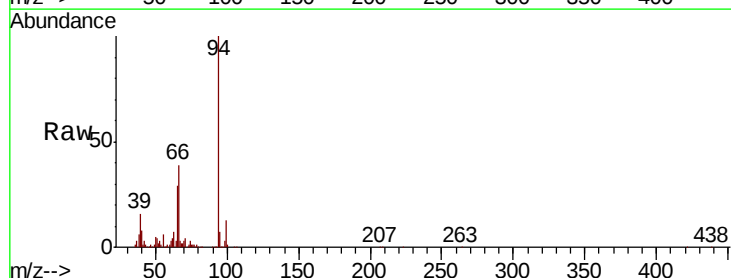
RT: 7.21 min Scan# 702

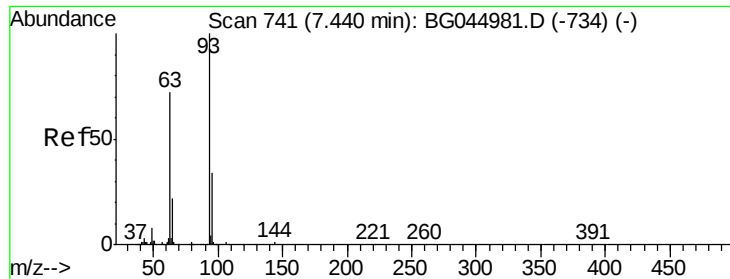
Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	94	Resp:	293413
Ion Ratio	Lower	Upper	
94	100		
65	29.3	8.2	48.2
66	39.4	20.4	60.4





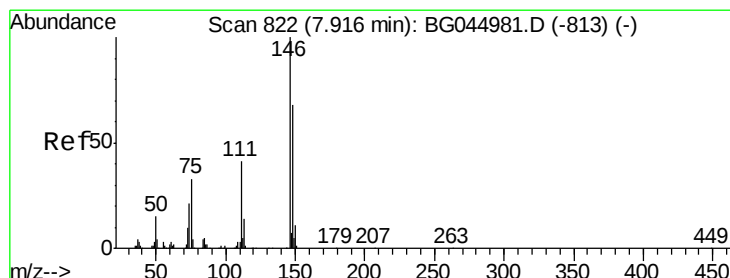
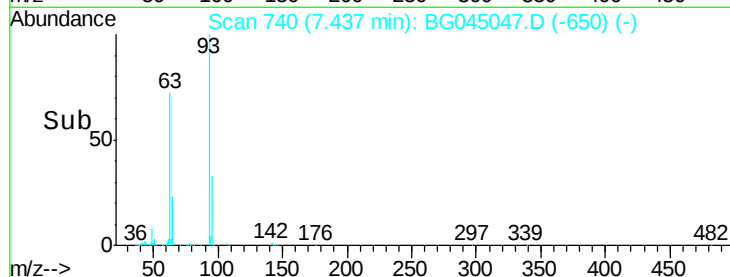
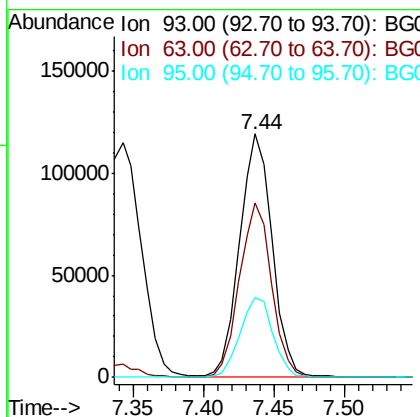
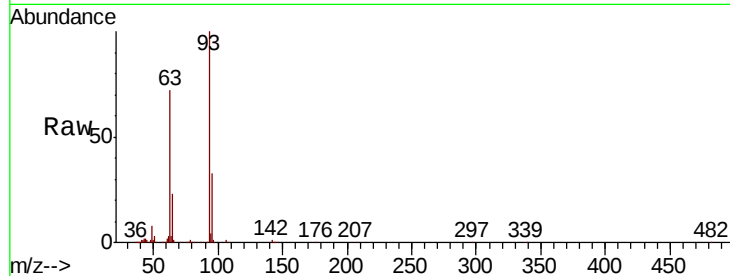
#11
bis(2-Chloroethyl)ether
Concen: 42.720 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	71.7	51.8	91.8
95	32.8	13.8	53.8

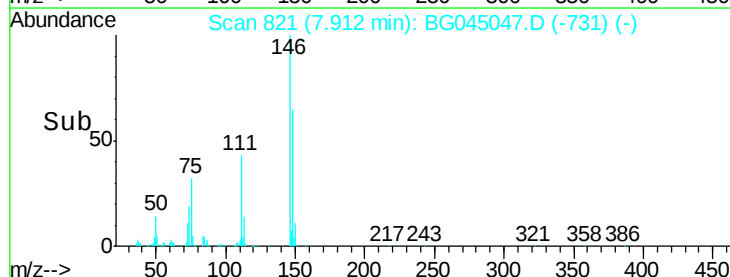
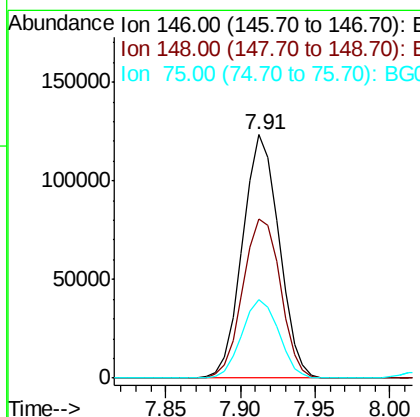
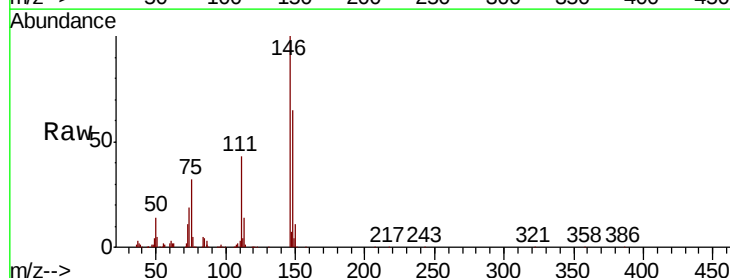
Manual Integrations
APPROVED

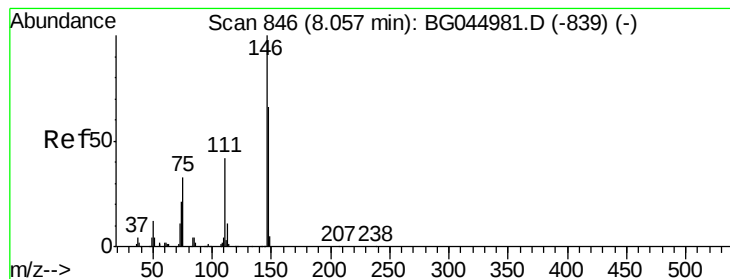
mohammad
4/20/2020 2:28:13 PM



#12
1,3-Dichlorobenzene
Concen: 43.570 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.4	54.6	81.8
75	32.5	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 44.440 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

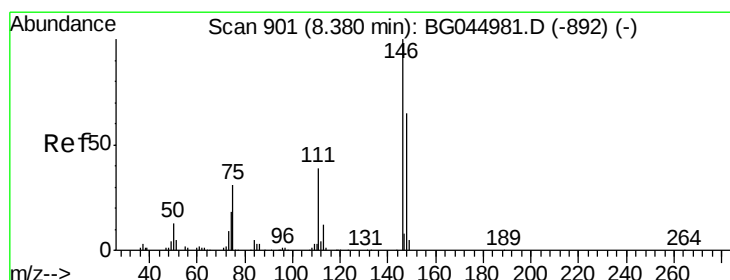
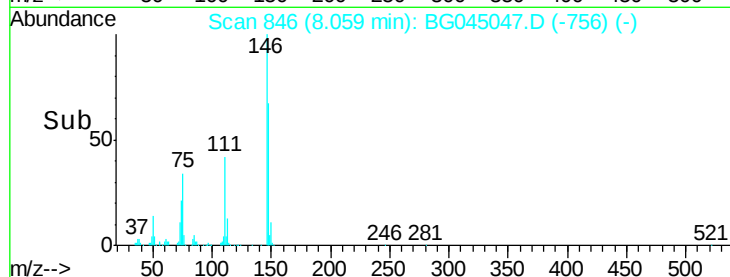
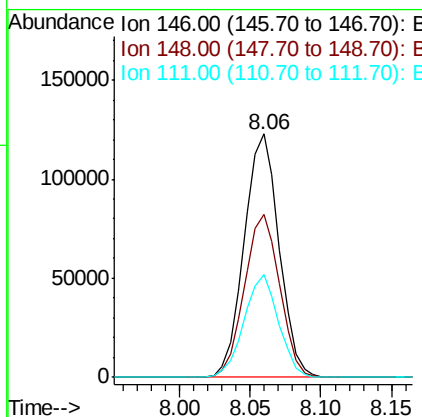
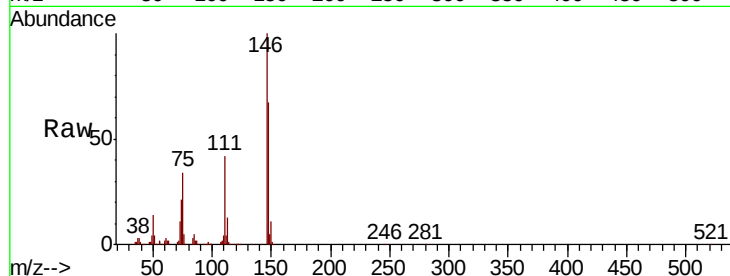
ClientSampleId :

PB128298BSD

Tot Ion:	146	Resp:	212403
Ion Ratio	Lower	Upper	
146	100		
148	66.7	53.3	79.9
111	42.2	33.8	50.8

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#14

1,2-Dichlorobenzene

Concen: 44.195 ng

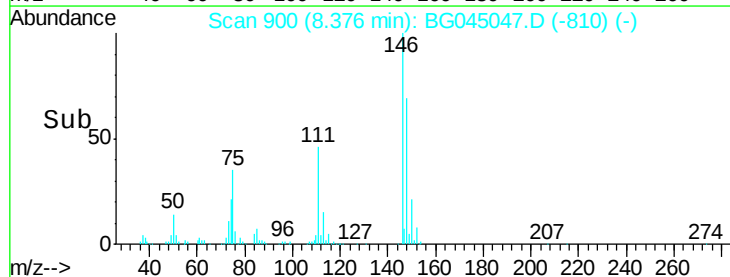
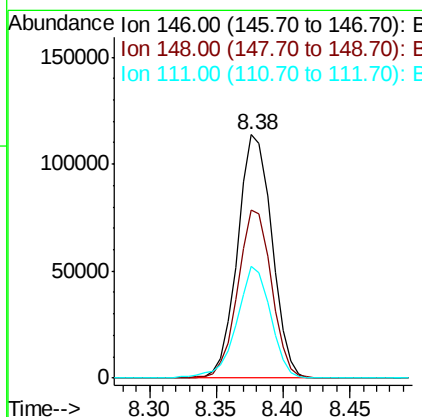
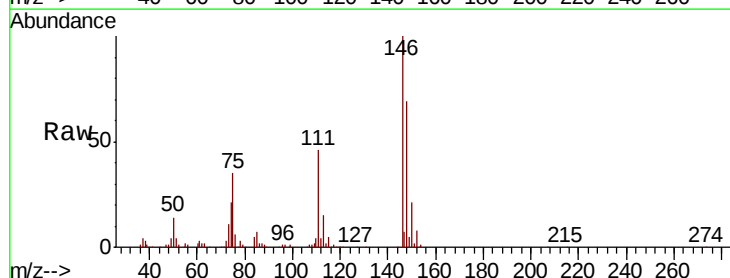
RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	146	Resp:	202085
Ion Ratio	Lower	Upper	
146	100		
148	69.2	51.9	77.9
111	45.9	31.3	46.9





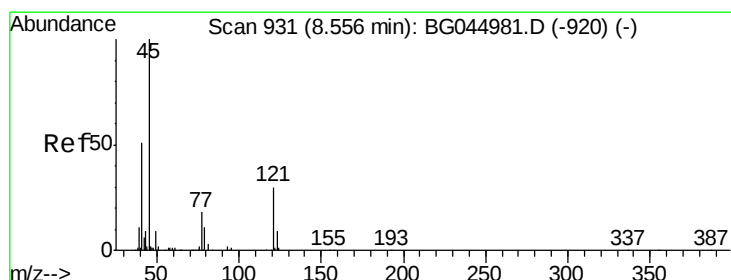
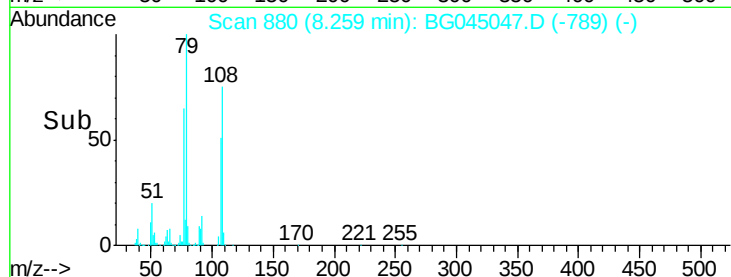
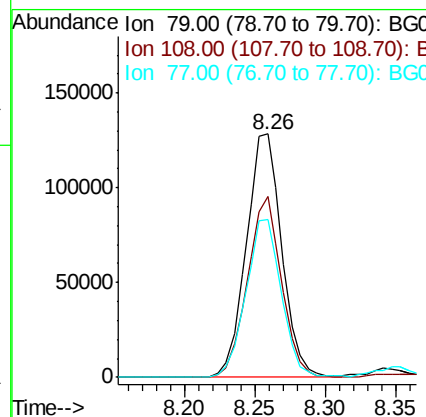
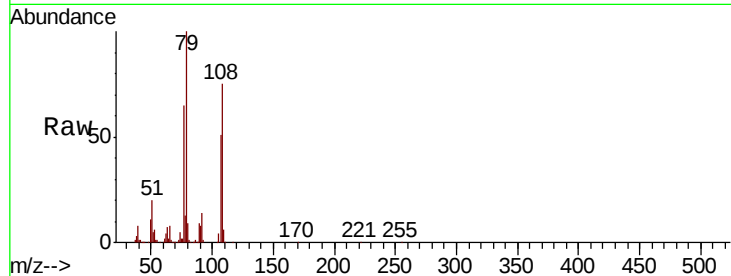
#15
Benzyl Alcohol
Concen: 47.901 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	52.7	79.1
77	64.7	51.3	76.9

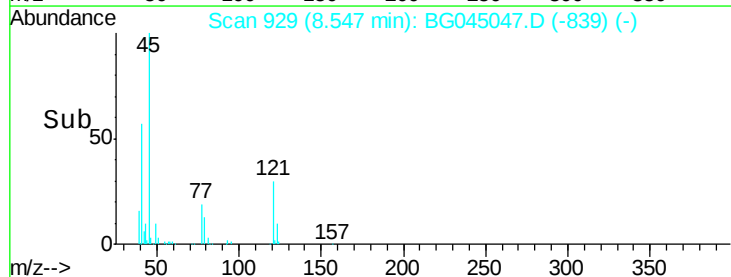
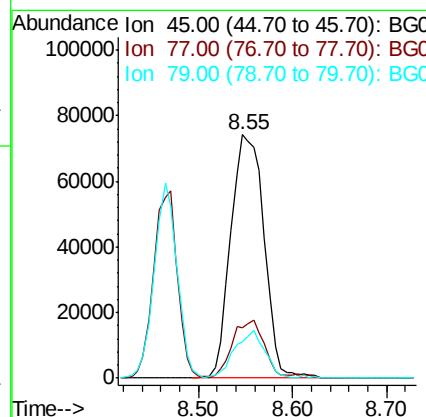
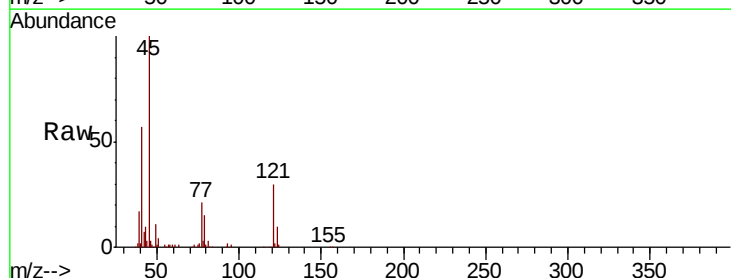
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.442 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.9	1.9	41.9
79	14.9	0.0	35.5





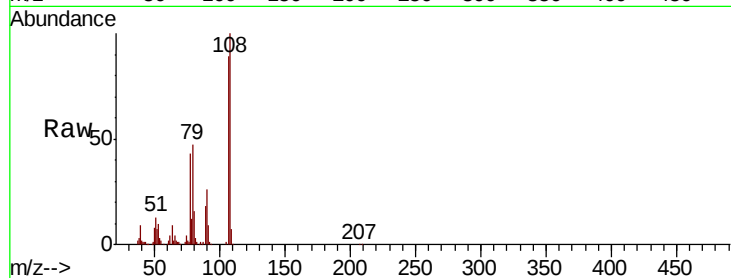
#17
2-Methylphenol
Concen: 45.767 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

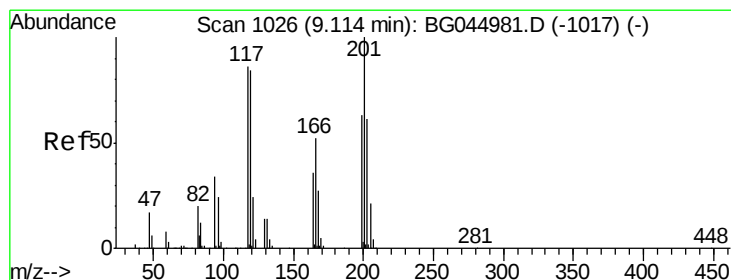
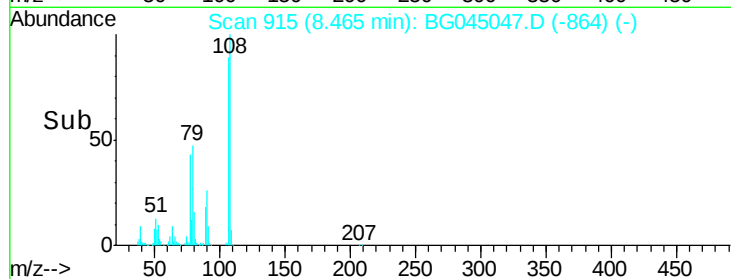
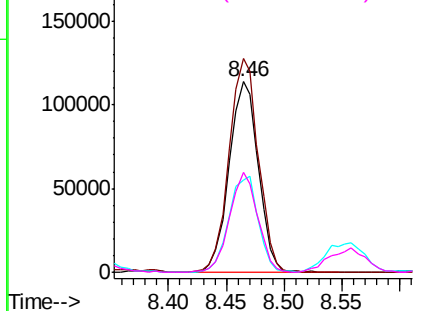
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	93.8	140.6	
77	48.6	38.5	57.7	
79	52.4	40.1	60.1	

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM

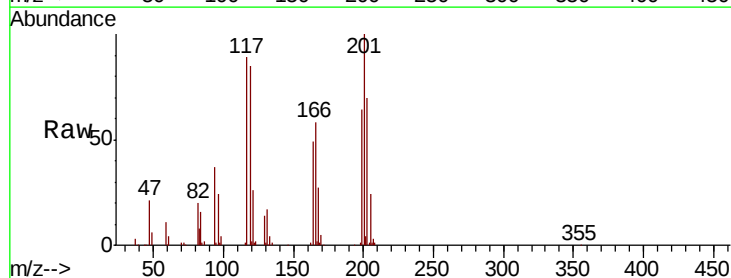


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

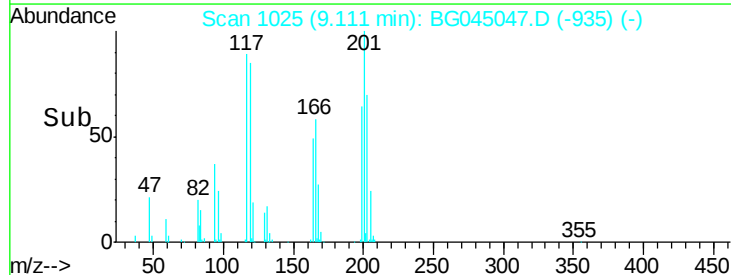
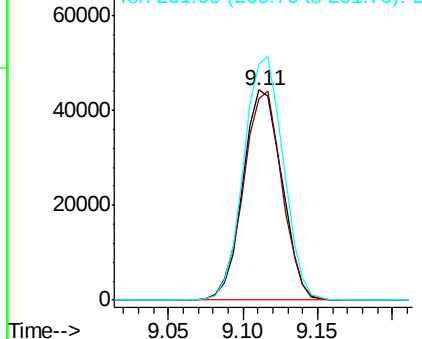


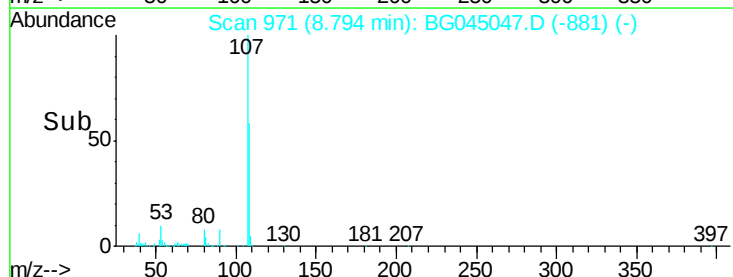
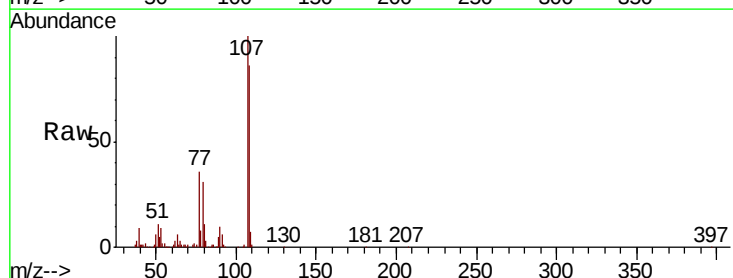
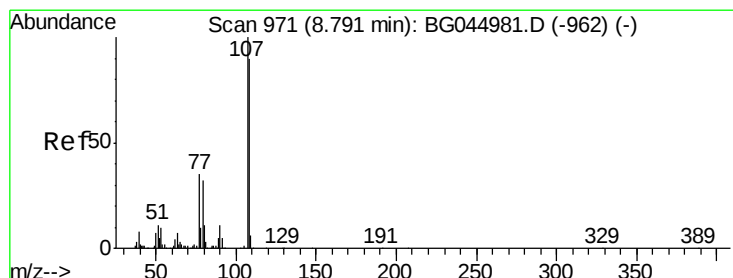
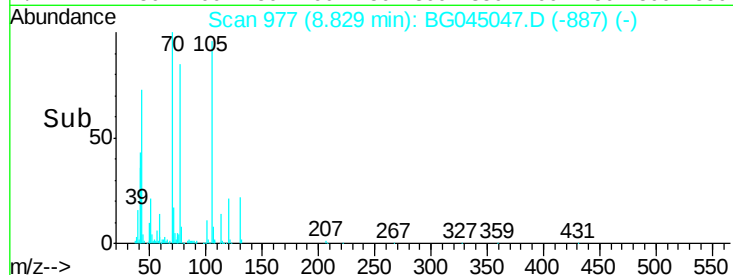
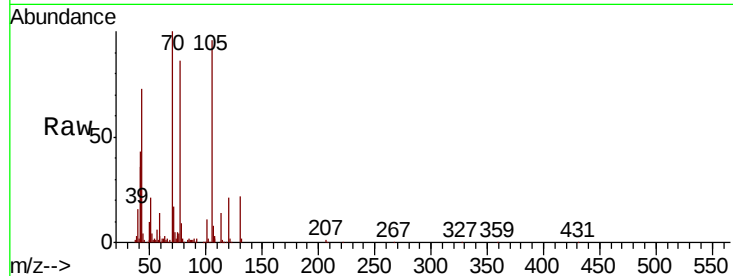
#18
Hexachloroethane
Concen: 44.400 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	78.3	117.5	
201	112.5	92.9	139.3	



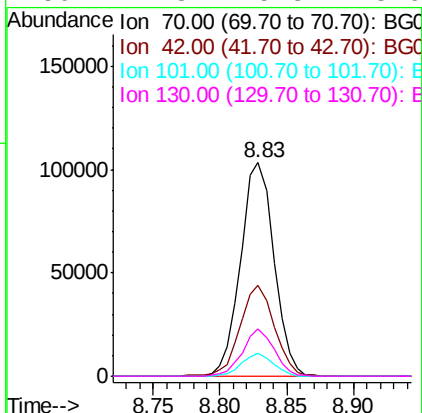
Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0





#19
n-Nitroso-di-n-propylamine
Concen: 45.041 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.8	33.3	49.9	
101	10.7	7.8	11.8	
130	22.3	15.8	23.6	



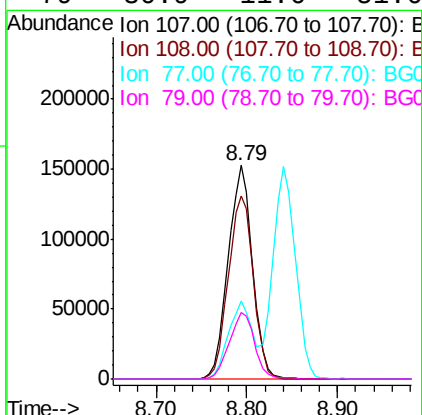
Instrument :
BNA_G
ClientSampleId :
PB128298BSD

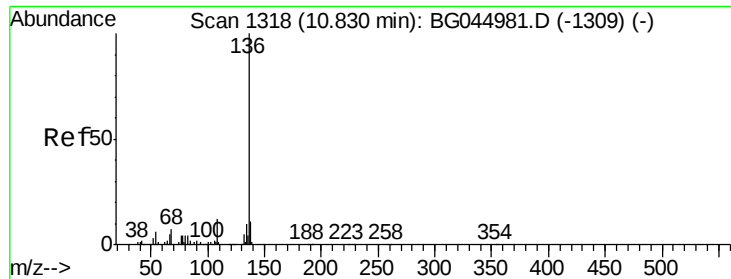
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM

#20
3+4-Methylphenols
Concen: 46.706 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	69.9	109.9	
77	36.4	15.2	55.2	
79	30.9	11.6	51.6	





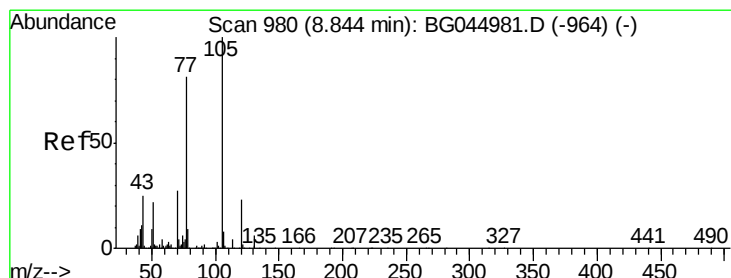
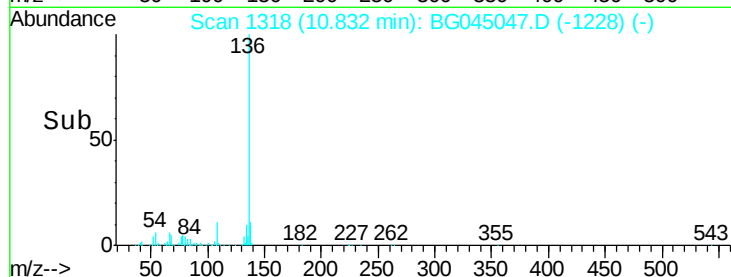
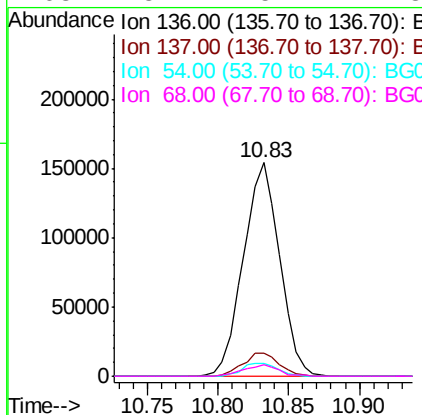
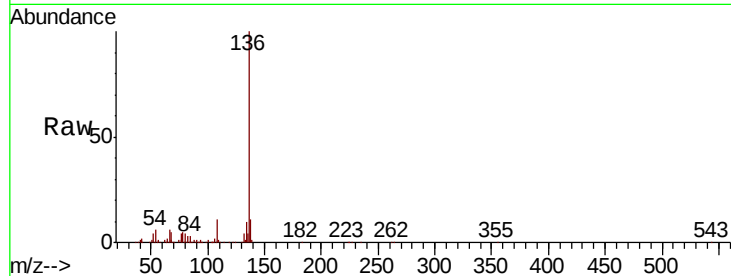
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	277084		
137	10.7		8.6	13.0
54	6.1		4.8	7.2
68	5.4		5.2	7.8

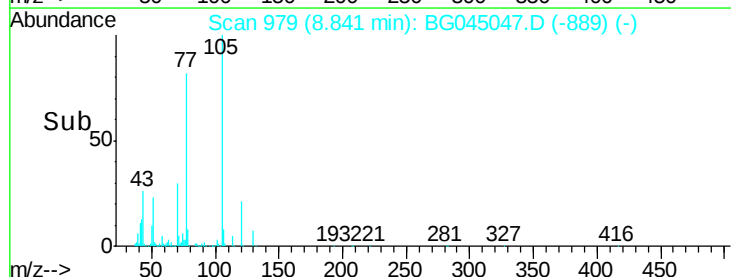
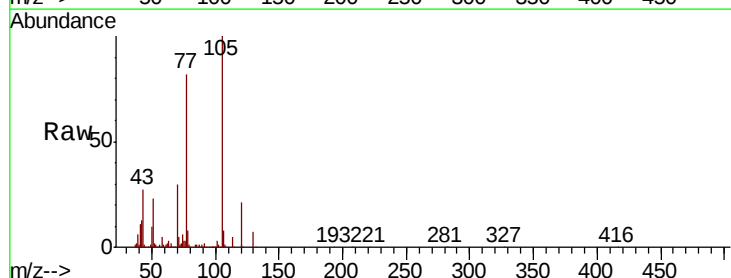
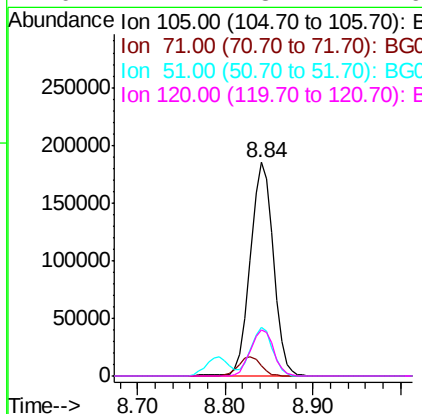
Manual Integrations
APPROVED

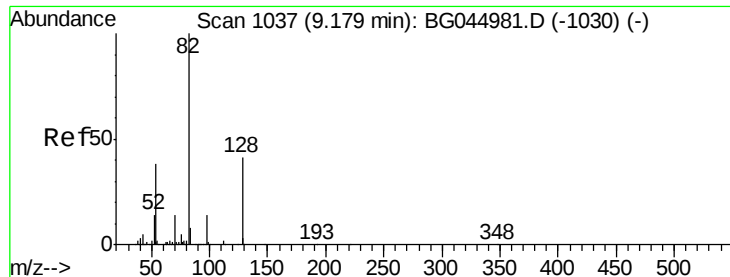
mohammad
4/20/2020 2:28:13 PM



#22
Acetophenone
Concen: 43.942 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329258		
71	4.9		3.3	4.9
51	22.9		17.3	25.9
120	21.4		18.4	27.6





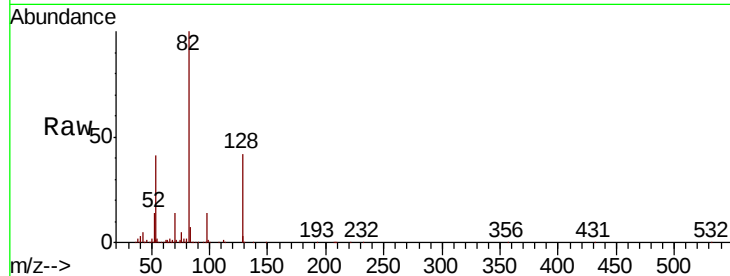
#23
Nitrobenzene-d5
Concen: 82.666 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

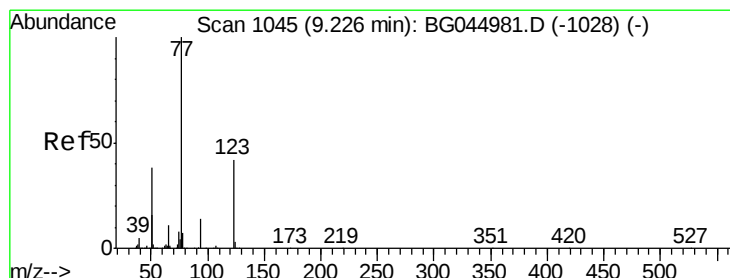
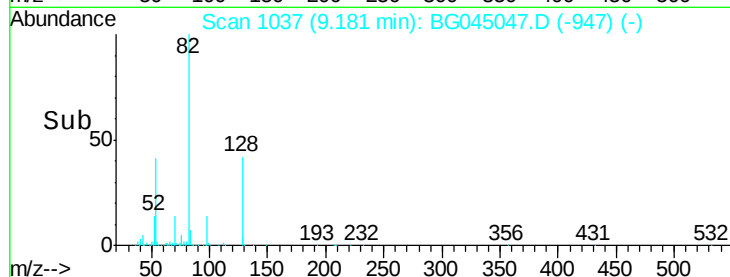
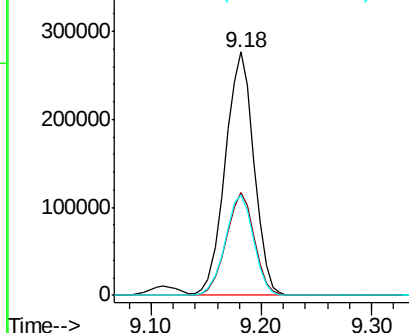
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.4
54	41.0	30.4	45.6

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM

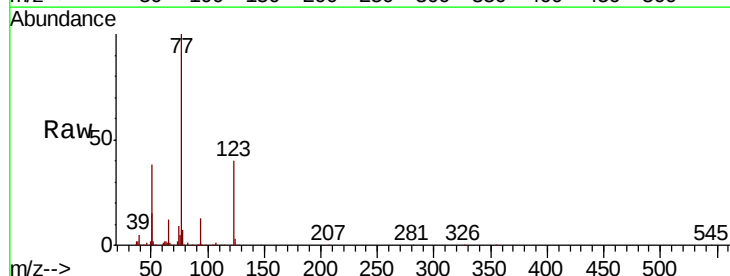


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

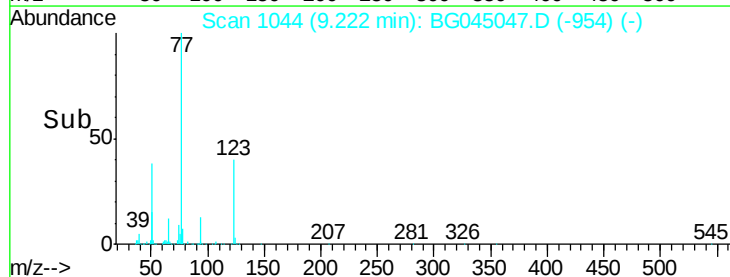
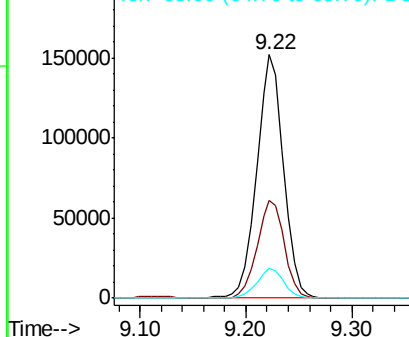


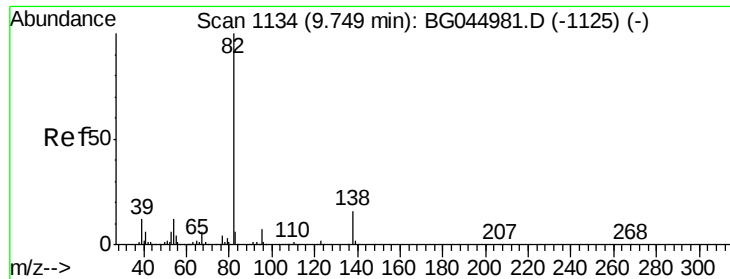
#24
Nitrobenzene
Concen: 42.941 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	34.3	51.5
65	12.4	8.9	13.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





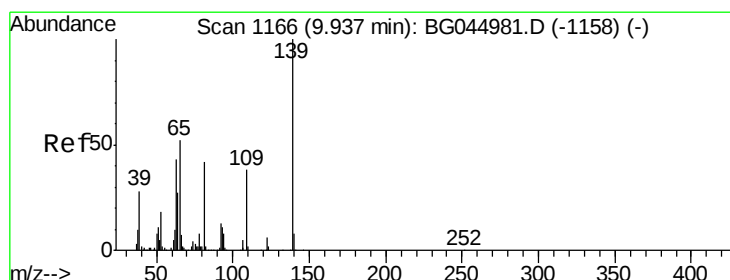
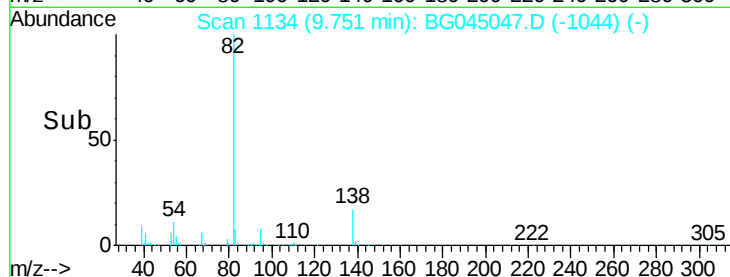
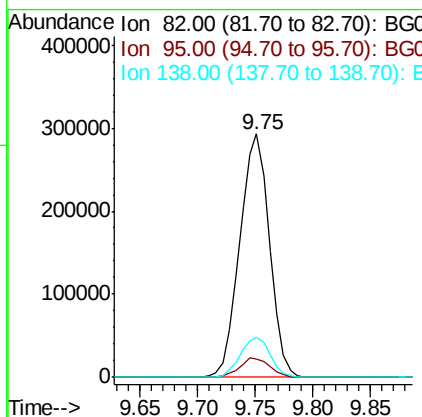
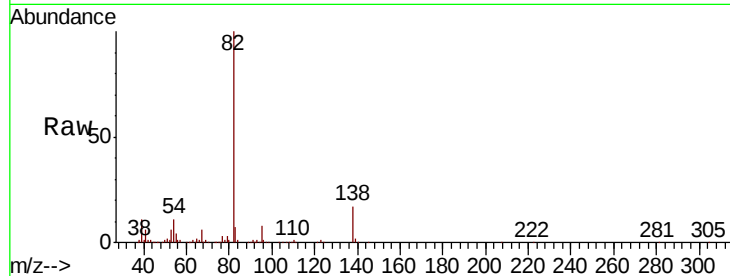
#25
Isophorone
Concen: 41.939 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.0	9.0	
138	16.7	12.7	19.1	

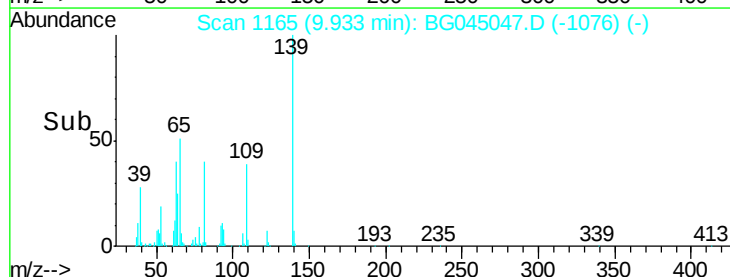
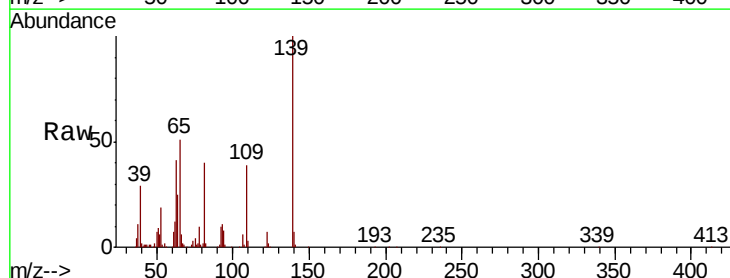
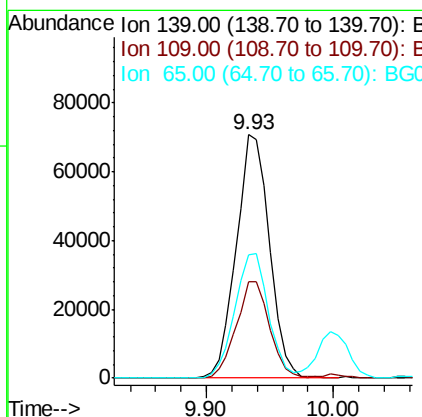
Manual Integrations
APPROVED

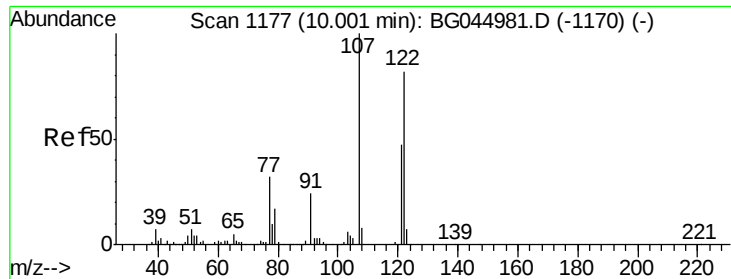
mohammad
4/20/2020 2:28:13 PM



#26
2-Nitrophenol
Concen: 47.844 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.4	30.6	45.8	
65	50.9	41.8	62.6	





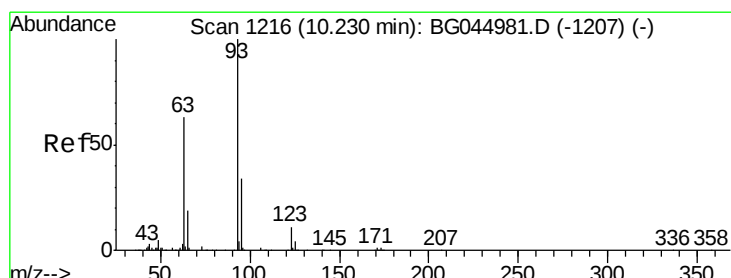
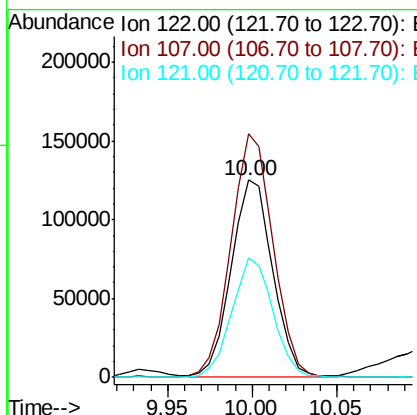
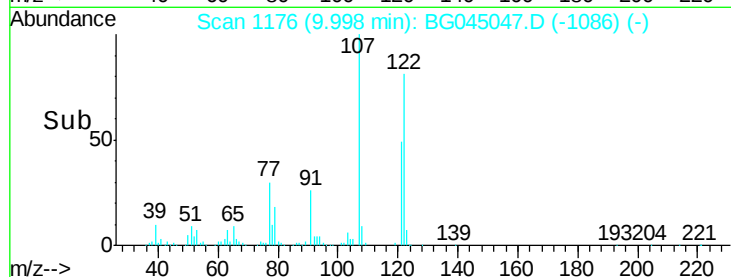
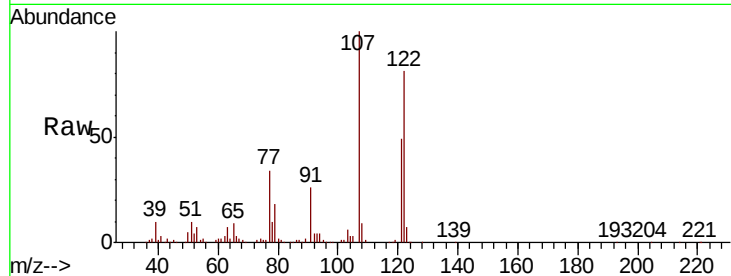
#27
2,4-Dimethylphenol
Concen: 50.434 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	214562		
107	123.3	96.8	145.2	
121	60.7	45.6	68.4	

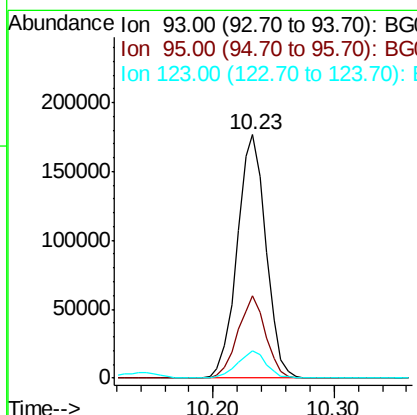
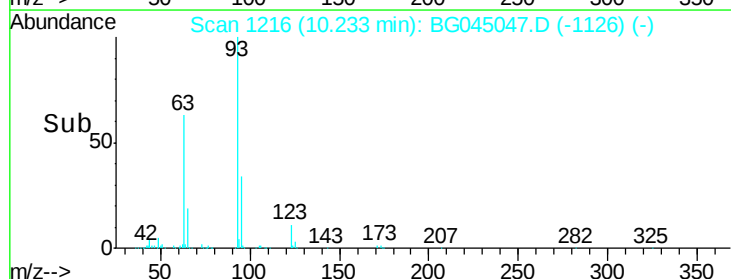
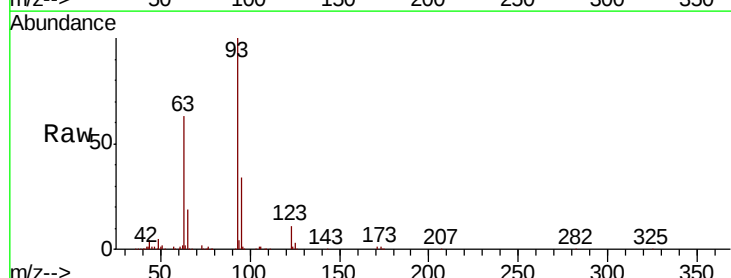
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.845 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293012		
95	33.9	27.0	40.4	
123	11.1	8.7	13.1	





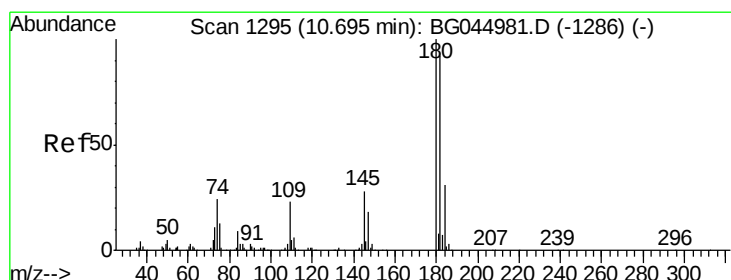
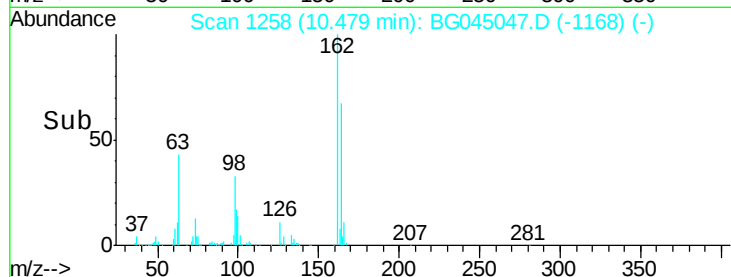
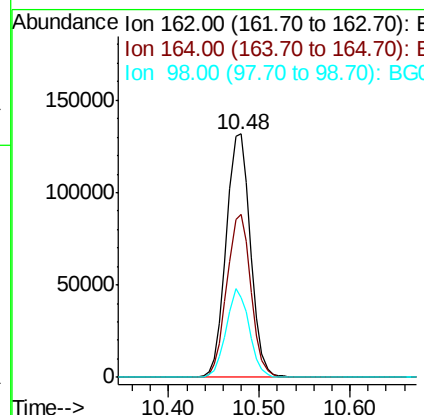
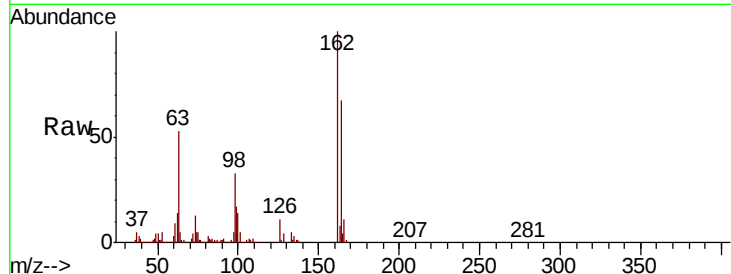
#29
 2,4-Dichlorophenol
 Concen: 49.977 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion:	162	Resp:	245507
Ion Ratio		Lower	Upper
162	100		
164	67.2	45.0	85.0
98	32.8	15.2	55.2

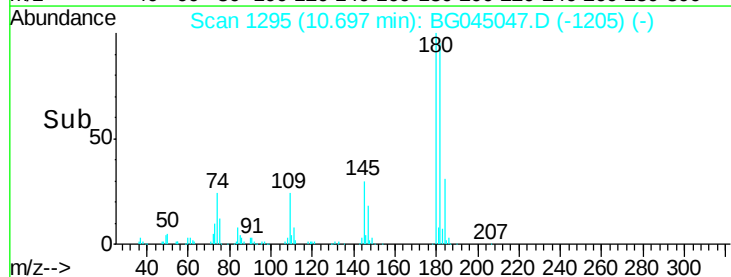
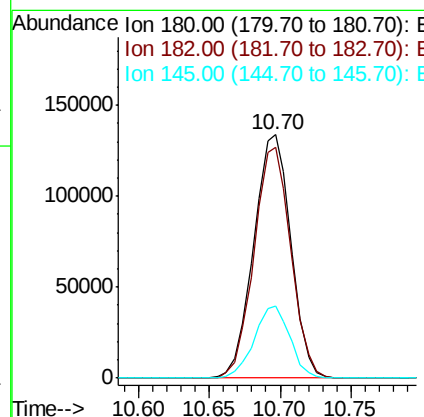
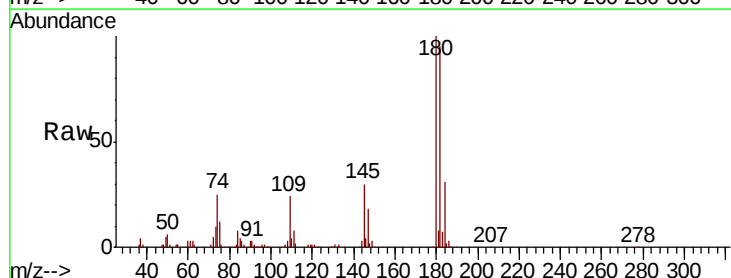
Manual Integrations
 APPROVED

mohammad
 4/20/2020 2:28:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.421 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion:	180	Resp:	247065
Ion Ratio		Lower	Upper
180	100		
182	94.8	73.3	109.9
145	29.6	22.6	33.8





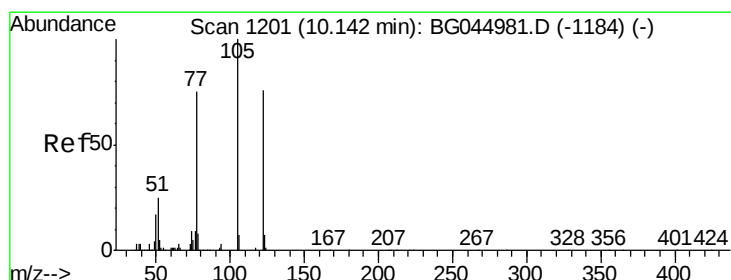
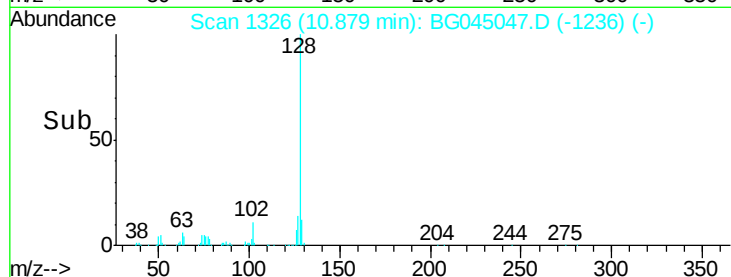
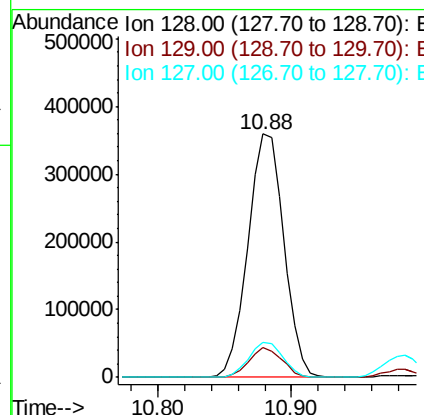
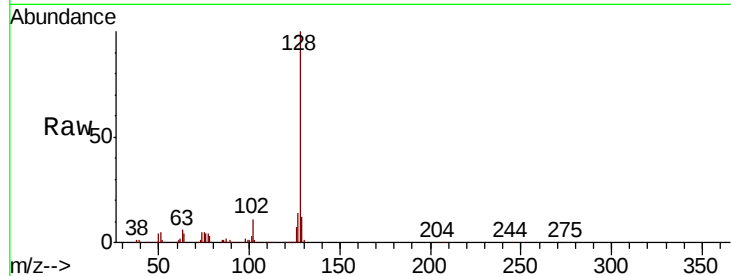
#31
Naphthalene
Concen: 44.056 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	667789		
129	12.1		9.4	14.2
127	14.4		10.8	16.2

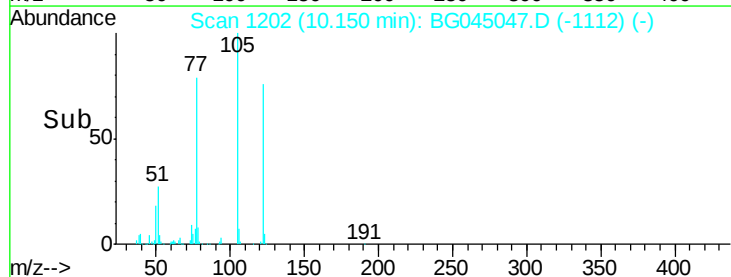
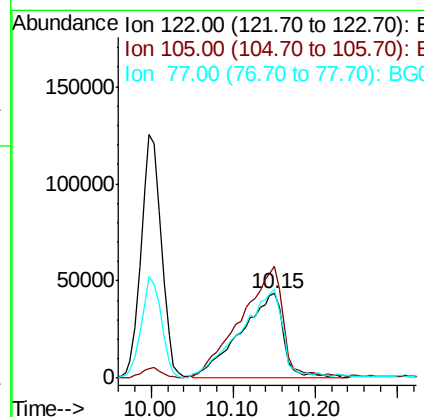
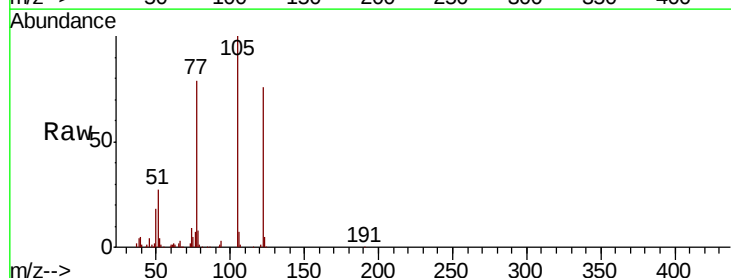
Manual Integrations
APPROVED

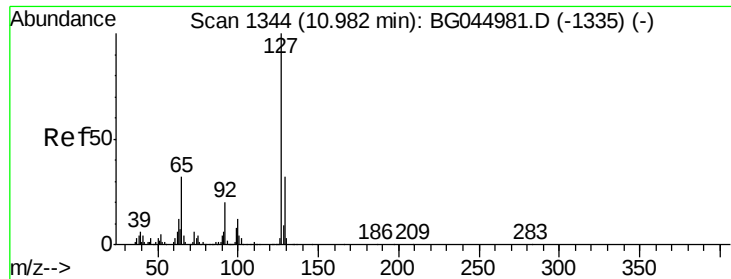
mohammad
4/20/2020 2:28:13 PM



#32
Benzoic acid
Concen: 46.961 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	160851		
105	132.0		108.4	148.4
77	104.5		78.8	118.8





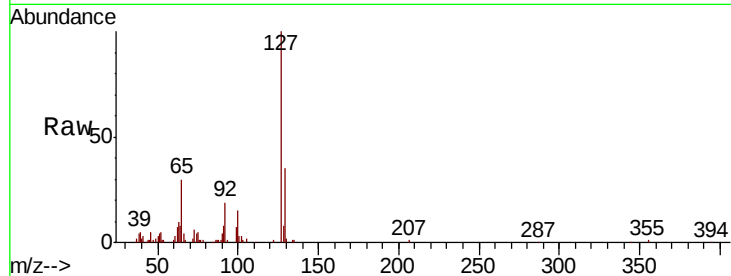
#33
4-Chloroaniline
Concen: 9.166 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

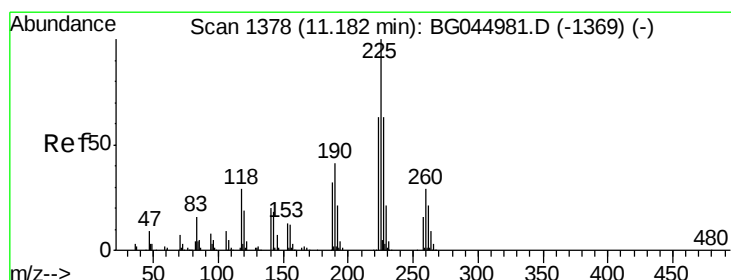
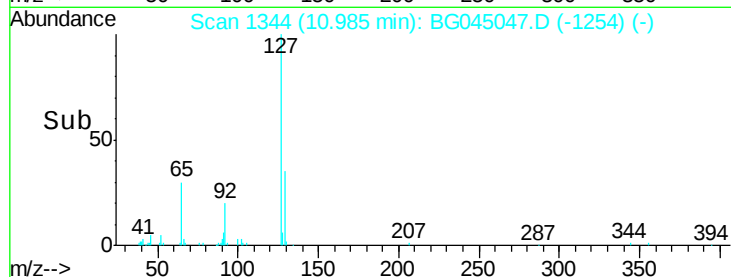
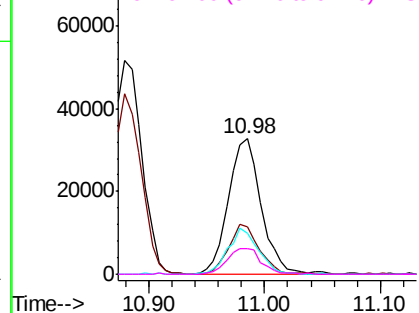
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.4	25.7	38.5
65	30.2	25.4	38.2
92	19.4	16.1	24.1

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM

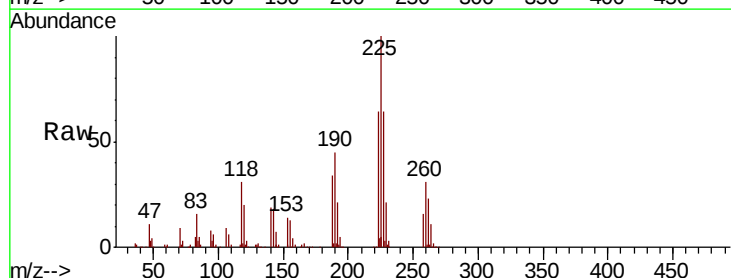


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

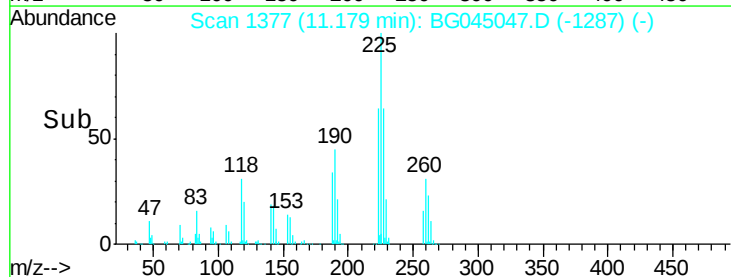
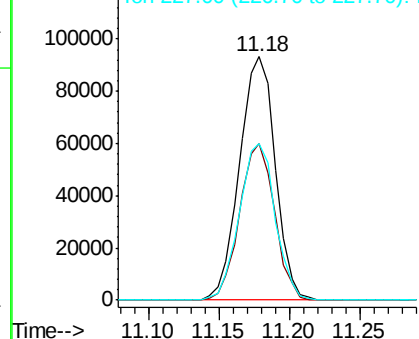


#34
Hexachlorobutadiene
Concen: 43.298 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.7	76.1
227	64.4	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.199 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

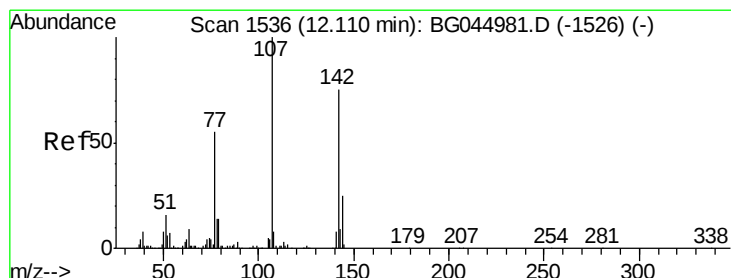
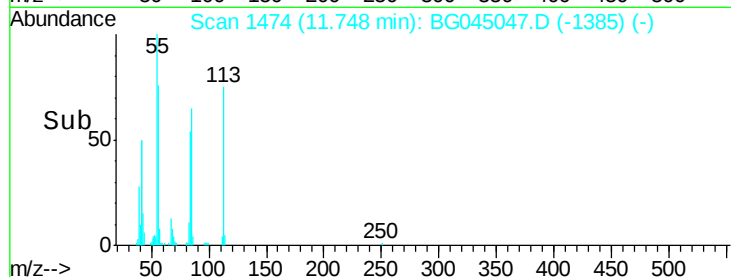
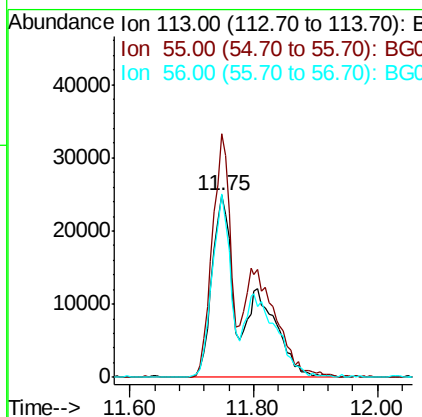
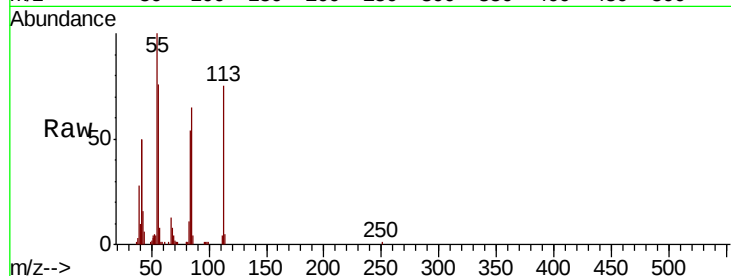
ClientSampleId :

PB128298BSD

Tot Ion:	113	Resp:	94236
Ion	Ratio	Lower	Upper
113	100		
55	134.1	118.8	158.8
56	101.4	82.6	122.6

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#36

4-Chloro-3-methylphenol

Concen: 48.868 ng/ml

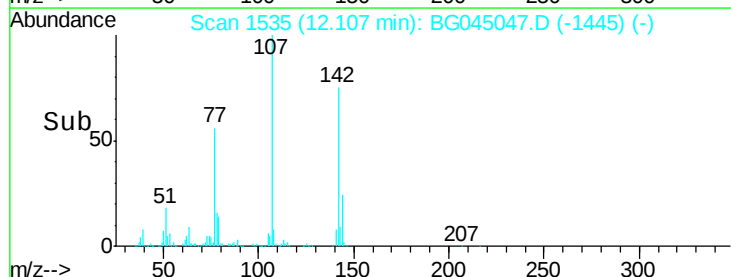
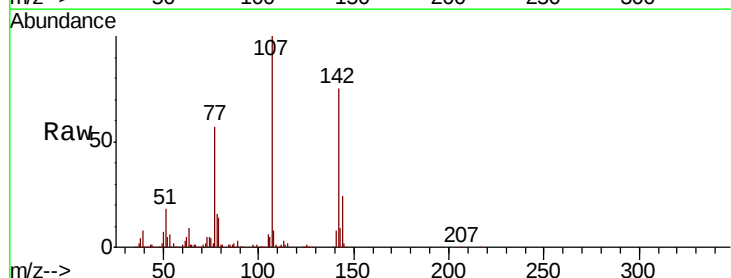
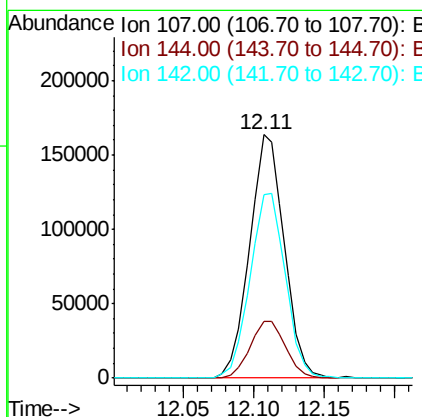
RT: 12.11 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	107	Resp:	282008
Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.8	29.6
142	75.2	59.7	89.5





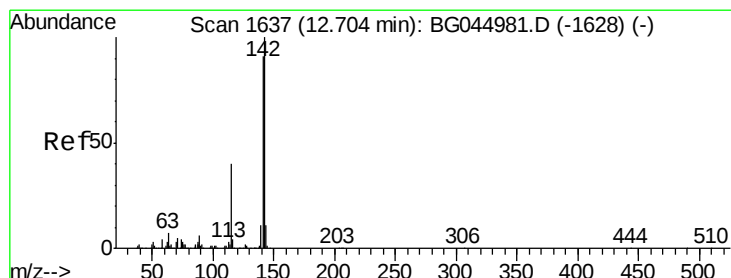
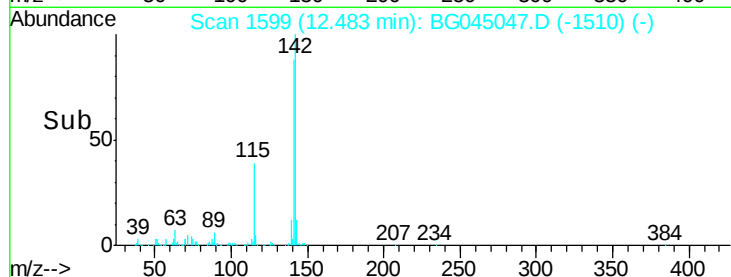
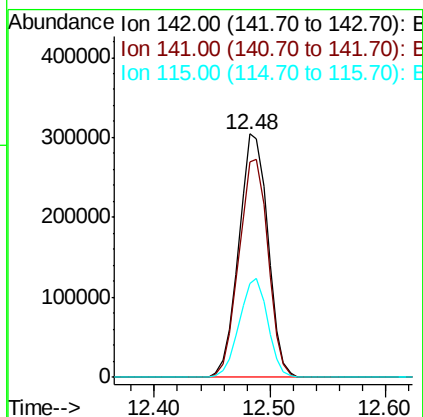
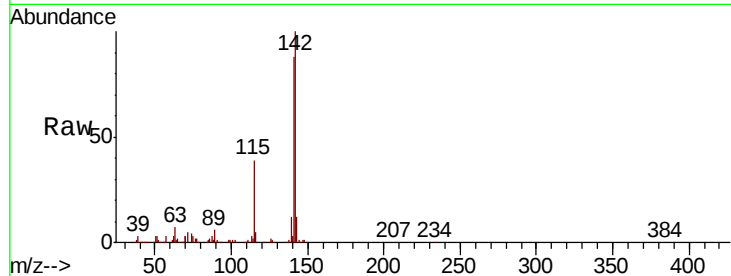
#37
2-Methylnaphthalene
Concen: 45.278 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	38.8	29.8	44.6

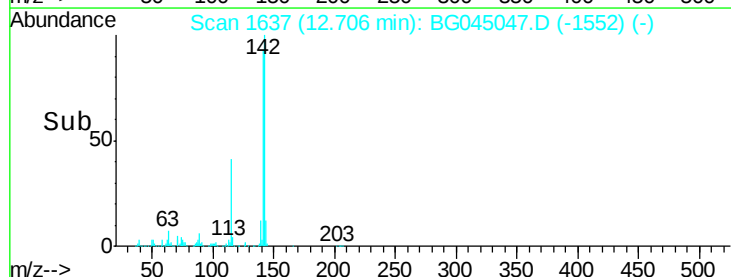
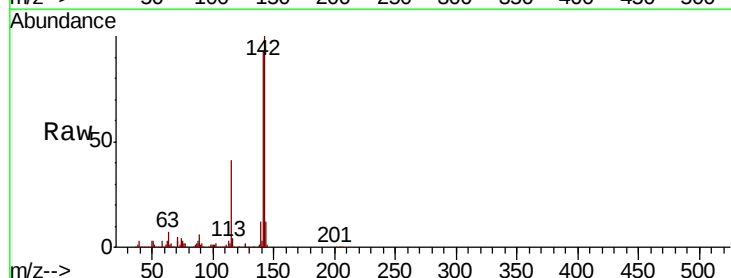
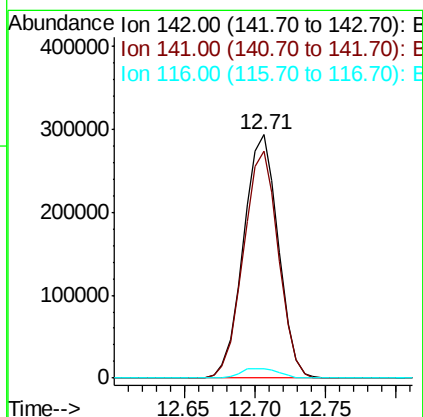
Manual Integrations
APPROVED

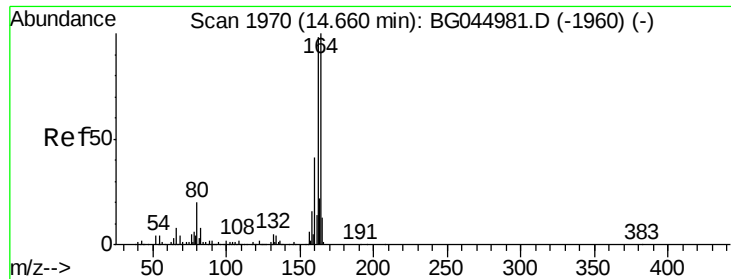
mohammad
4/20/2020 2:28:13 PM



#38
1-Methylnaphthalene
Concen: 45.683 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1
116	3.9	3.1	4.7





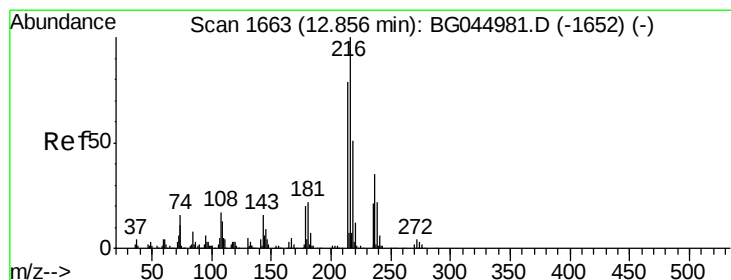
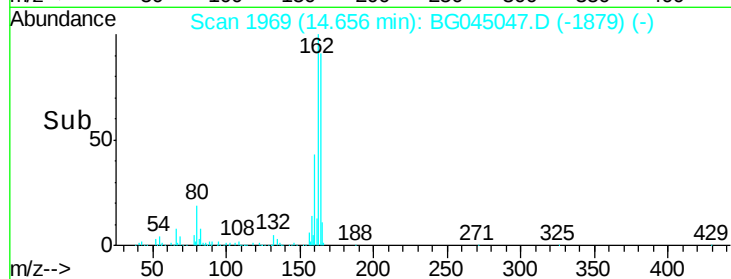
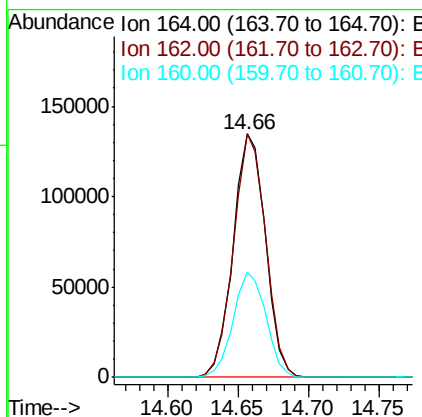
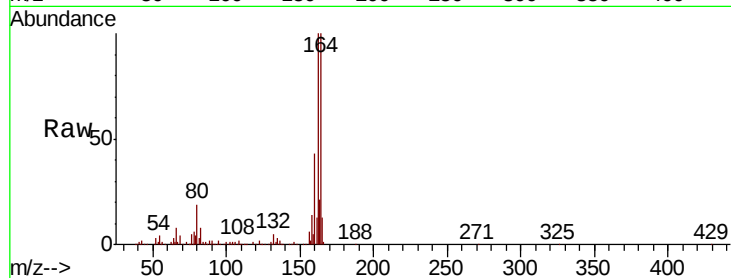
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	43.3	32.8	49.2

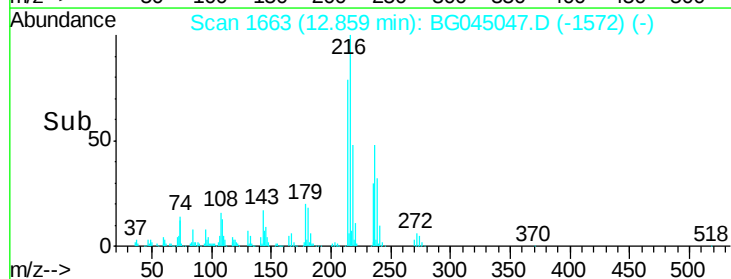
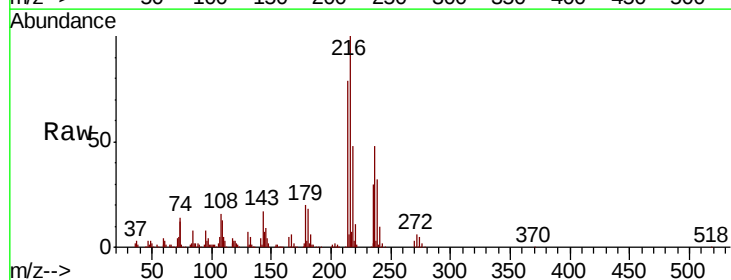
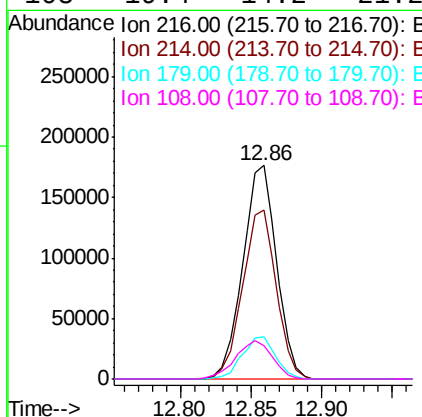
Manual Integrations
APPROVED

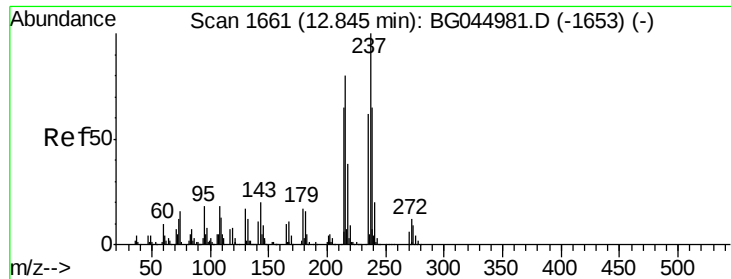
mohammad
4/20/2020 2:28:13 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.765 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	19.8	15.8	23.8
108	19.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 101.013 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

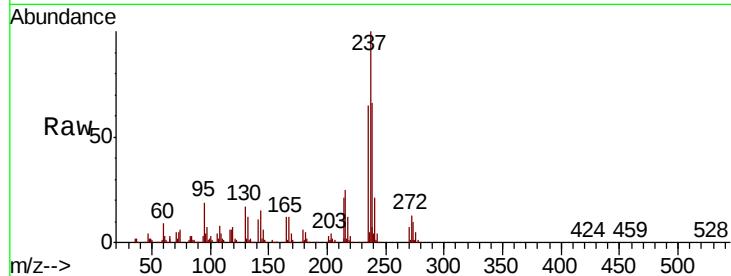
ClientSampleId :

PB128298BSD

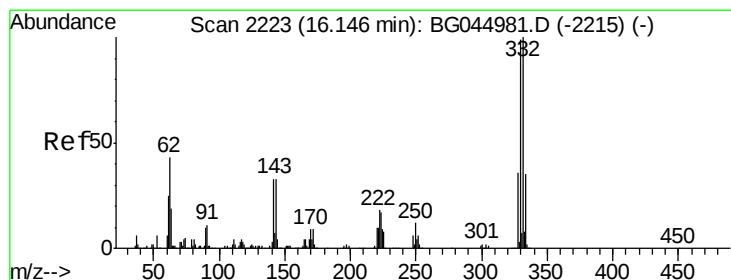
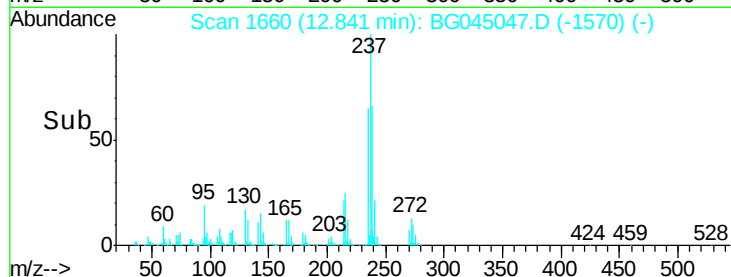
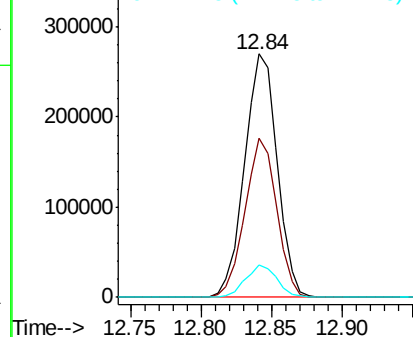
Tot Ion:	237	Resp:	435661
Ion Ratio	Lower	Upper	
237	100		
235	65.4	41.6	81.6
272	13.3	0.0	32.1

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



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



#42

2,4,6-Tribromophenol

Concen: 133.117 ng

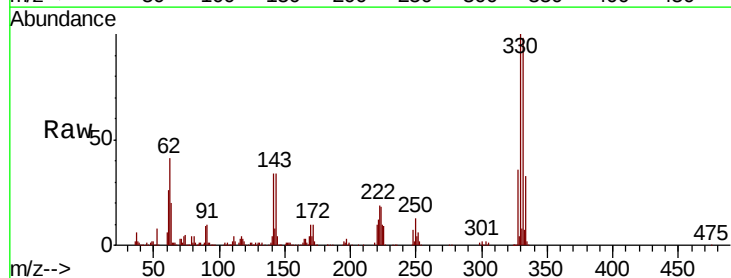
RT: 16.15 min Scan# 2223

Delta R.T. 0.01 min

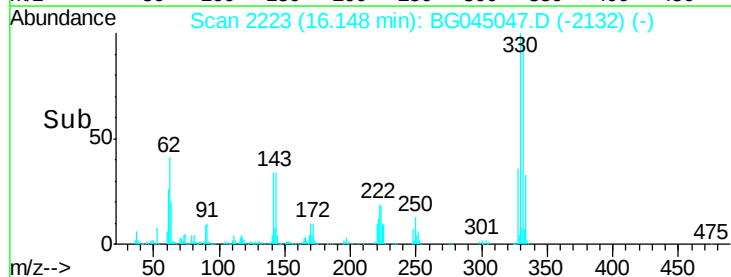
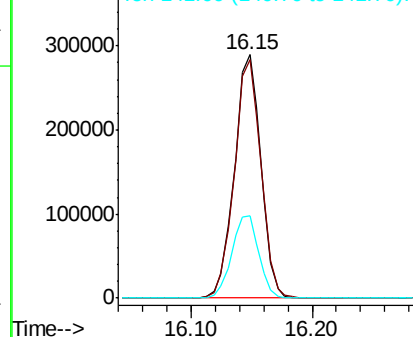
Lab File: BG045047.D

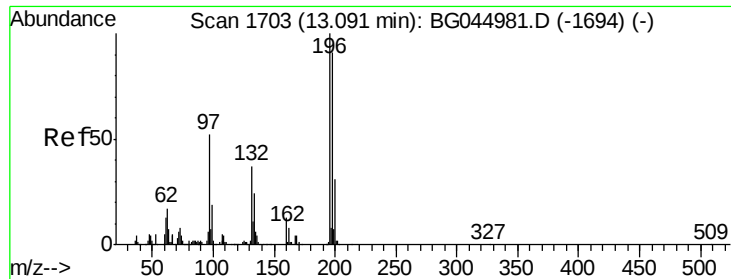
Acq: 18 Apr 2020 1:47

Tgt Ion:	330	Resp:	440743
Ion Ratio	Lower	Upper	
330	100		
332	98.7	79.1	118.7
141	34.4	27.1	40.7



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





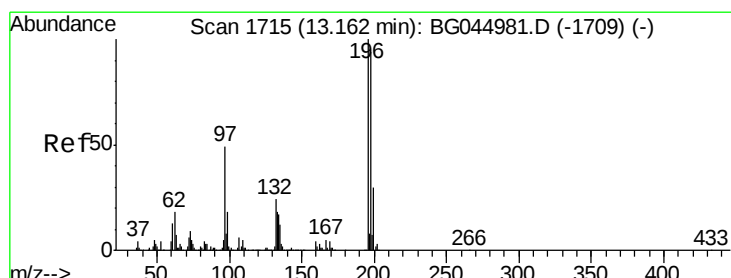
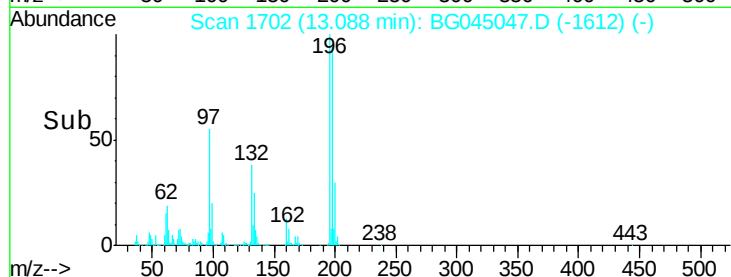
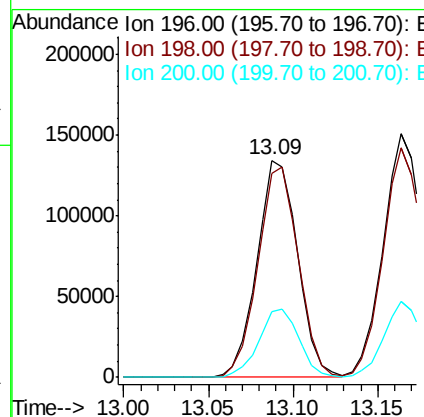
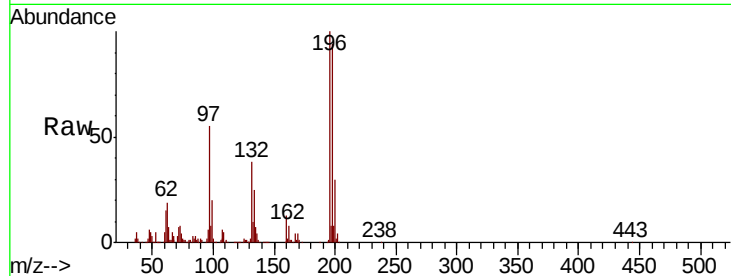
#43
 2,4,6-Trichlorophenol
 Concen: 46.144 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224724		
198	94.3	72.5	108.7	
200	30.2	24.5	36.7	

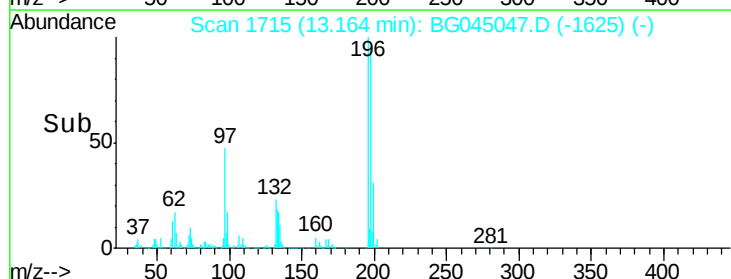
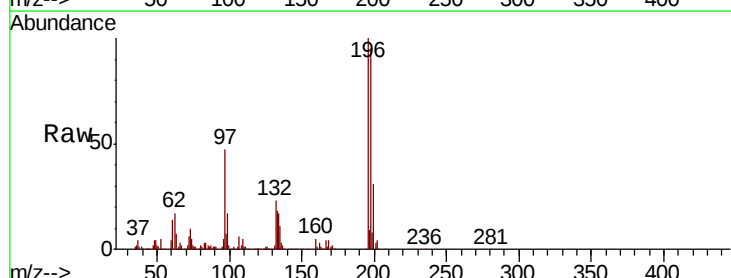
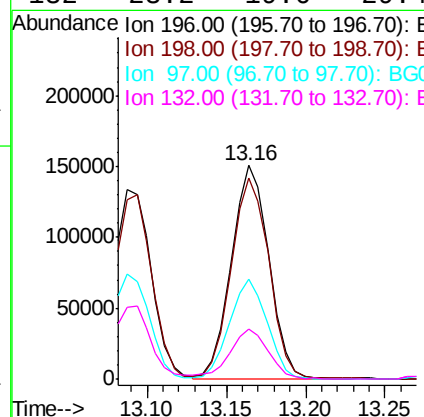
Manual Integrations
 APPROVED

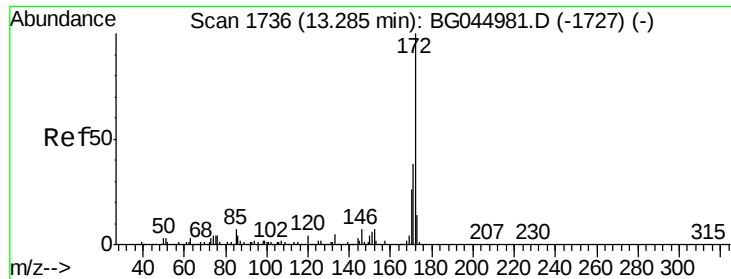
mohammad
 4/20/2020 2:28:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.459 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246454		
198	94.4	75.7	113.5	
97	46.7	39.6	59.4	
132	23.2	19.6	29.4	





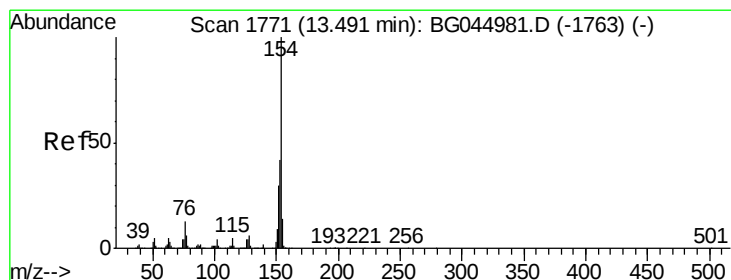
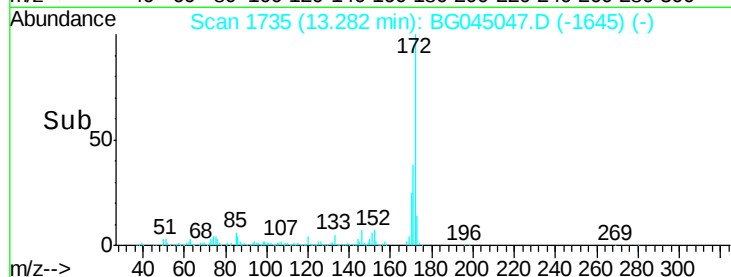
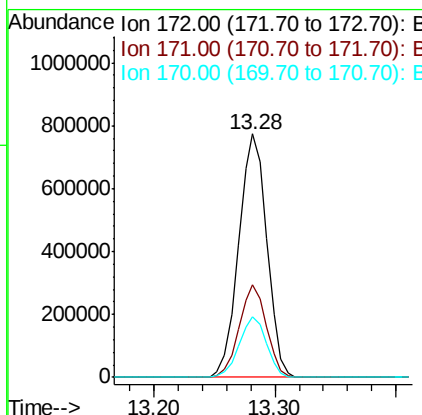
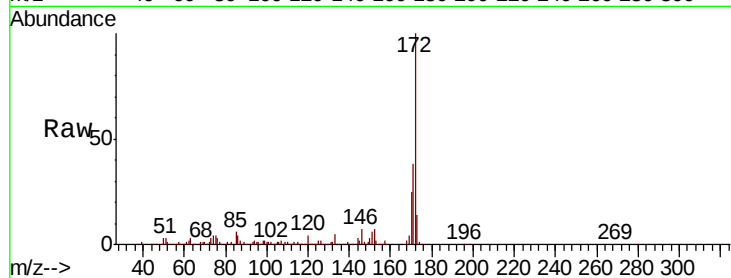
#45
2-Fluorobiphenyl
Concen: 85.822 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	25.0	20.5	30.7

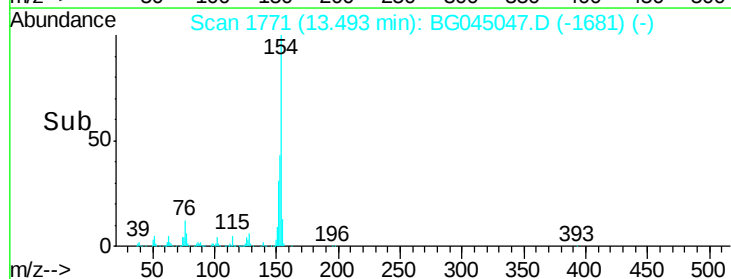
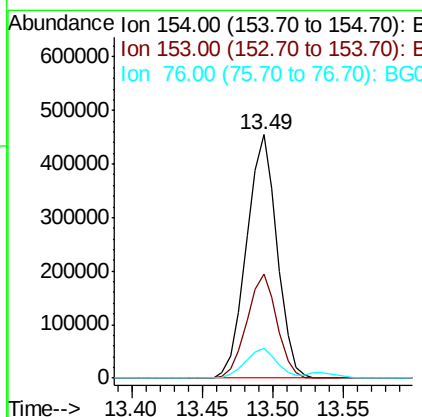
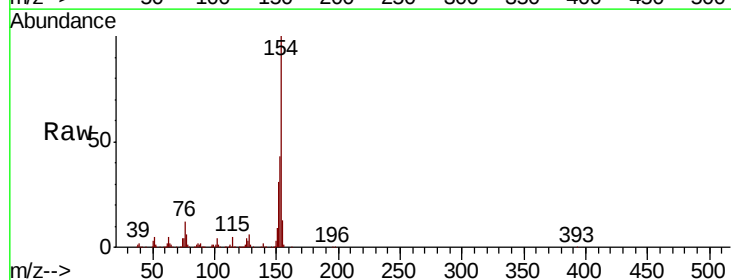
Manual Integrations
APPROVED

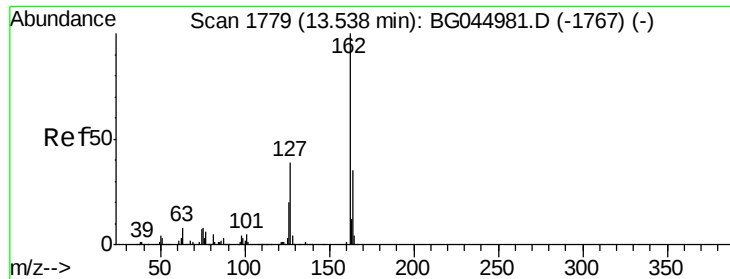
mohammad
4/20/2020 2:28:13 PM



#46
1,1'-Biphenyl
Concen: 42.164 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.5	0.0	33.1





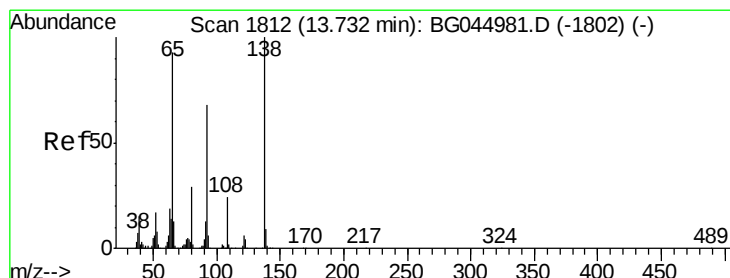
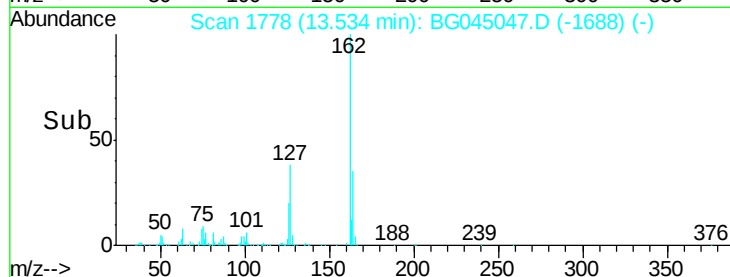
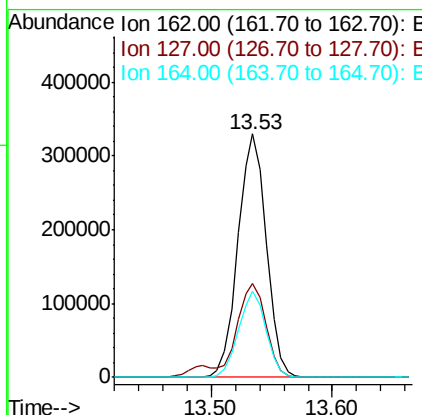
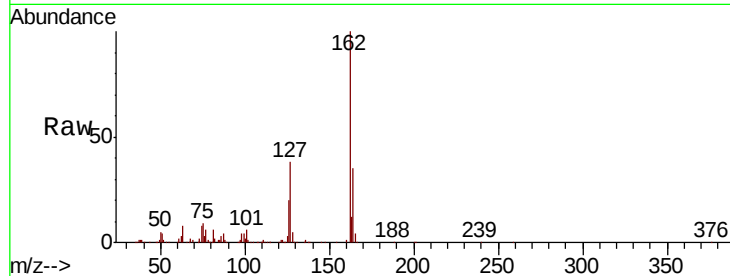
#47
 2-Chloronaphthalene
 Concen: 43.298 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.3	46.9
164	35.4	27.8	41.8

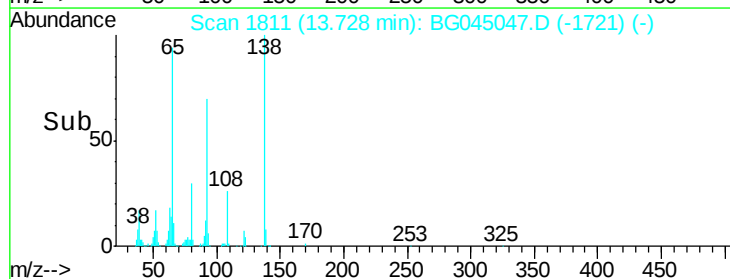
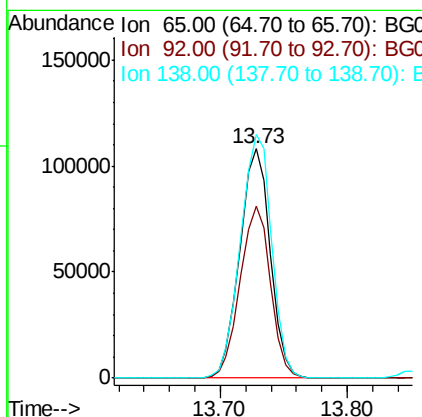
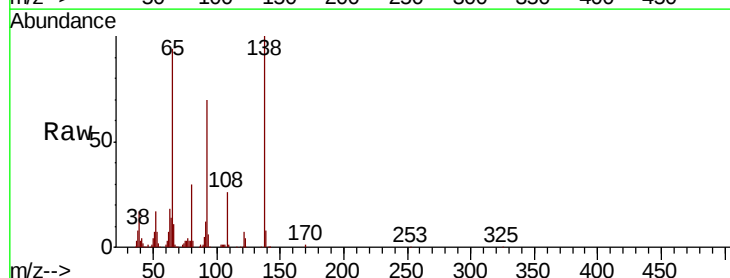
Manual Integrations
 APPROVED

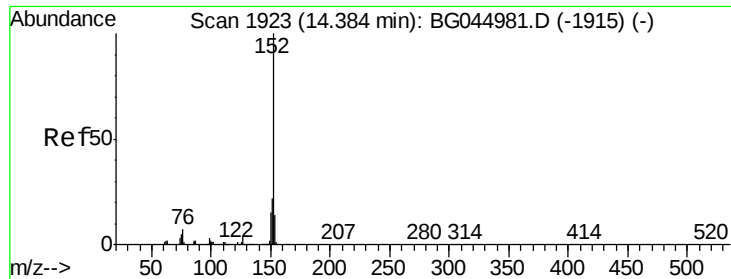
mohammad
 4/20/2020 2:28:13 PM



#48
 2-Nitroaniline
 Concen: 44.294 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.3	87.5
138	106.3	85.6	128.4





#49

Acenaphthylene

Concen: 44.775 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

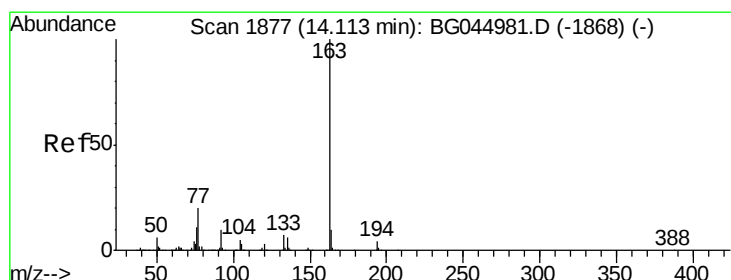
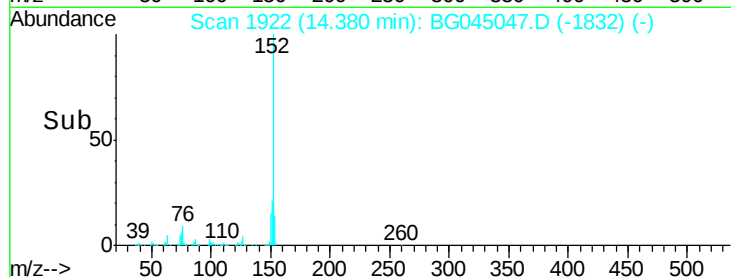
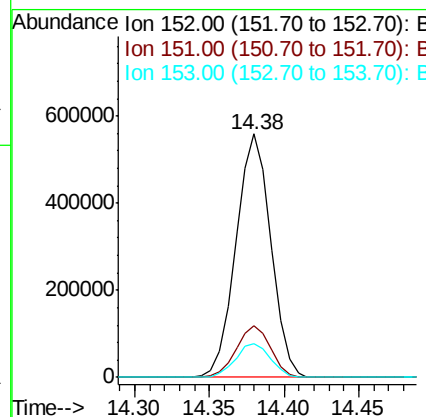
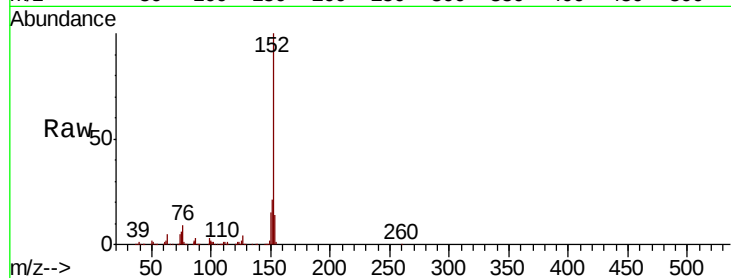
ClientSampleId :

PB128298BSD

Tot Ion:	152	Resp:	907793
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	13.8	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#50

Dimethylphthalate

Concen: 44.541 ng

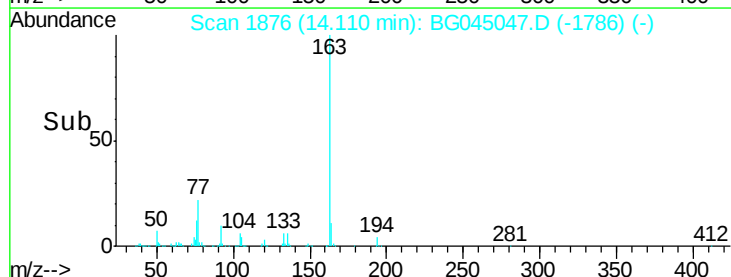
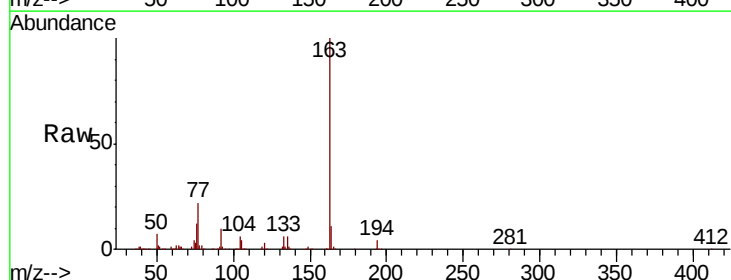
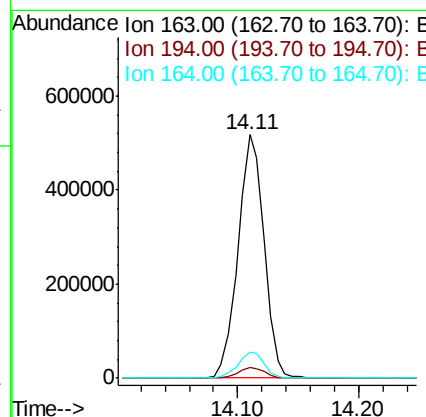
RT: 14.11 min Scan# 1876

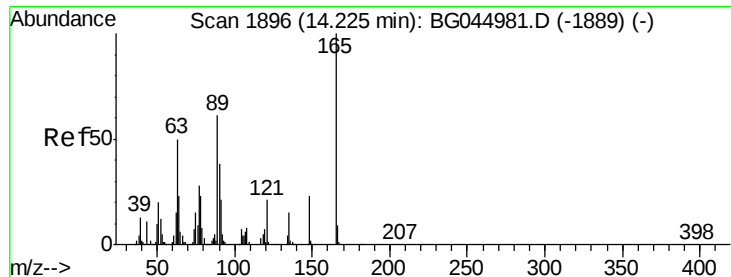
Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	163	Resp:	777270
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.7	8.2	12.4





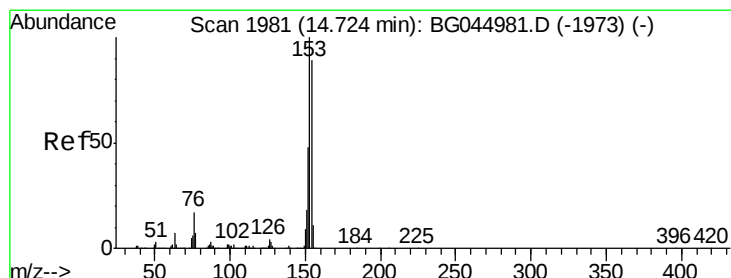
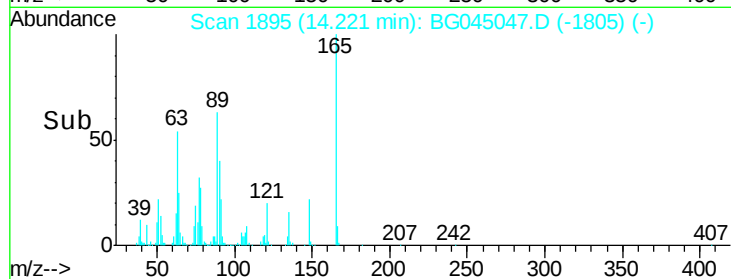
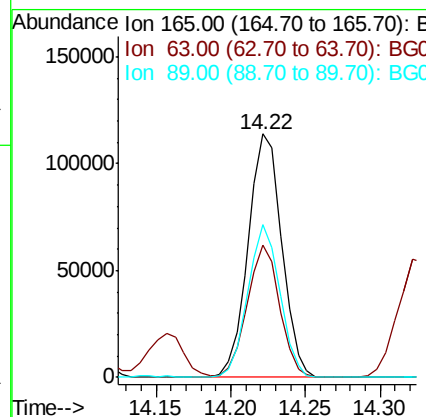
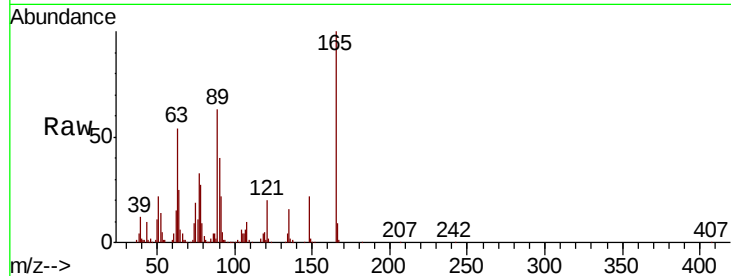
#51
 2,6-Dinitrotoluene
 Concen: 45.324 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	176911		
63	54.5	40.4	60.6	
89	62.6	49.1	73.7	

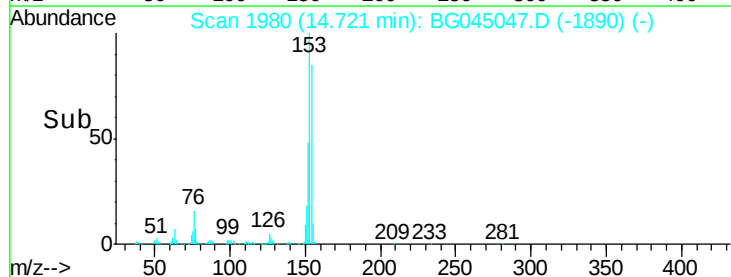
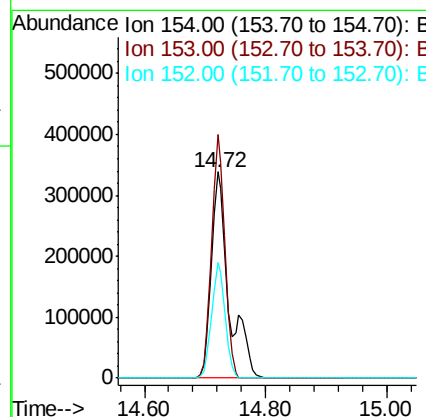
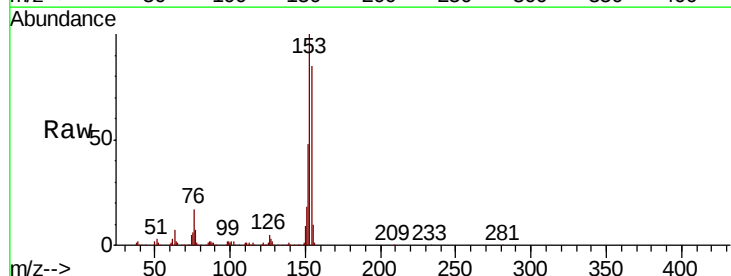
Manual Integrations
 APPROVED

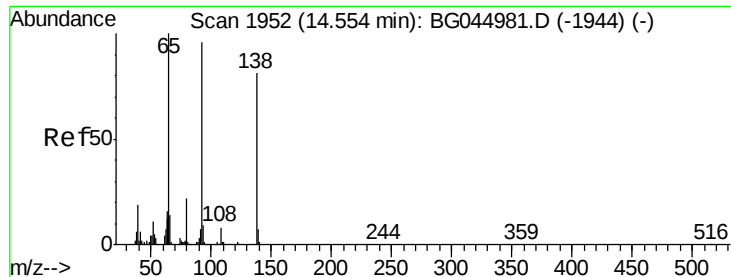
mohammad
 4/20/2020 2:28:13 PM



#52
 Acenaphthene
 Concen: 50.416 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	691579		
153	118.2	89.7	134.5	
152	56.3	43.1	64.7	





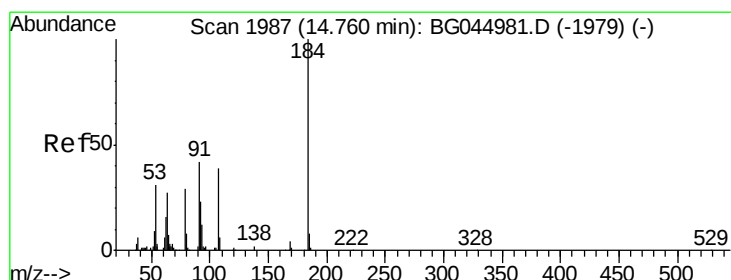
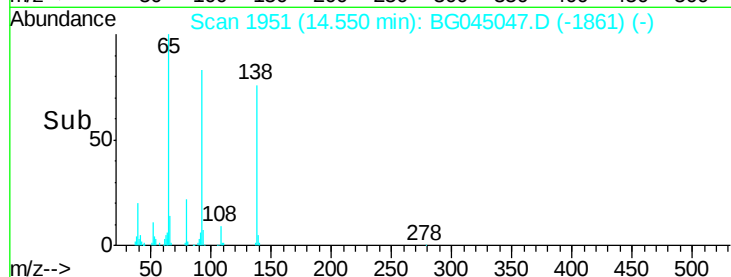
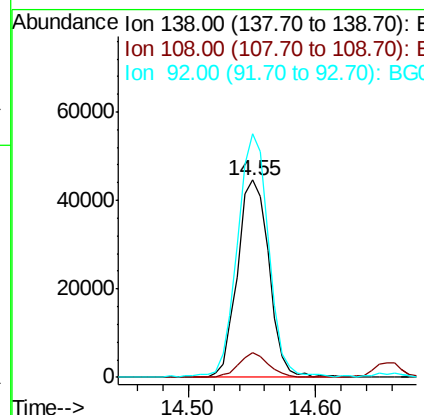
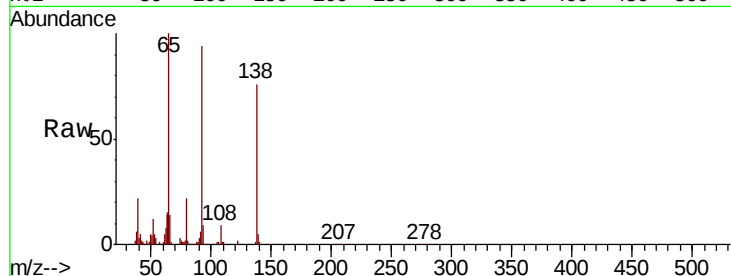
#53
3-Nitroaniline
Concen: 17.858 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	7.8	11.8#
92	123.5	94.5	141.7

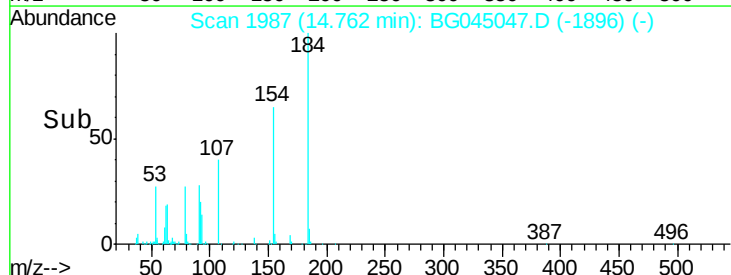
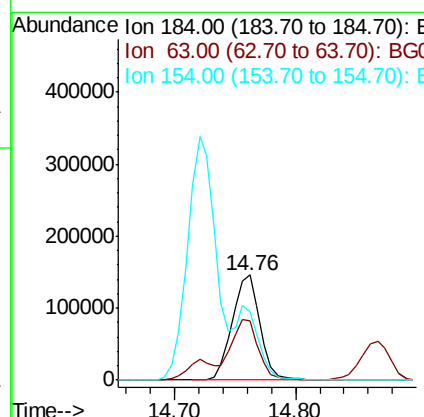
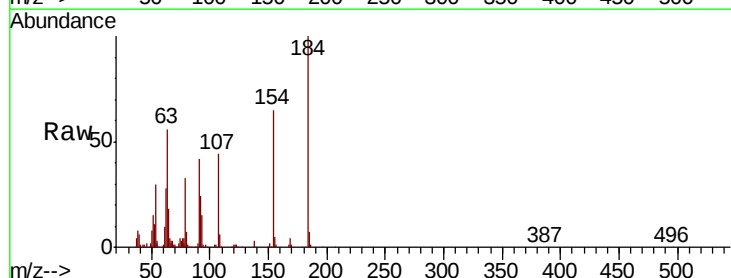
Manual Integrations
APPROVED

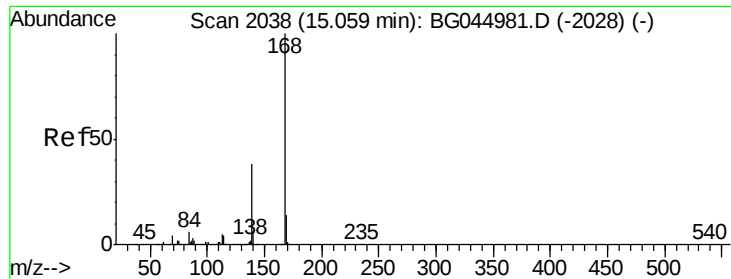
mohammad
4/20/2020 2:28:13 PM



#54
2,4-Dinitrophenol
Concen: 100.661 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	41.5	62.3
154	65.3	52.3	78.5





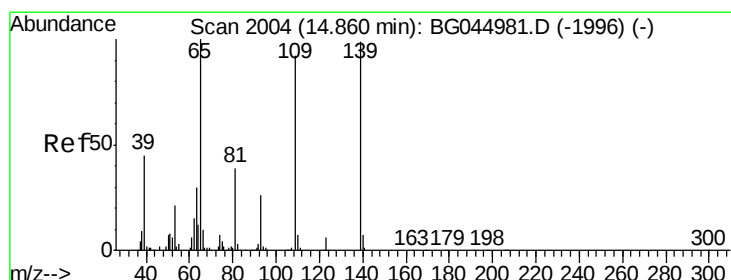
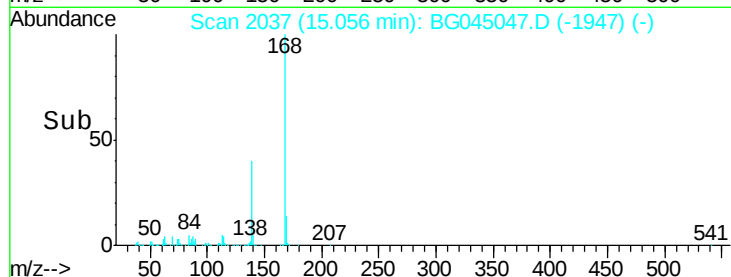
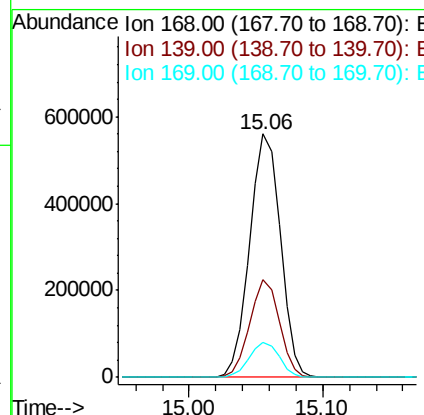
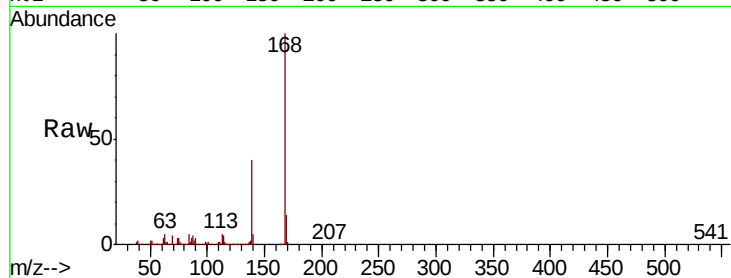
#55
Dibenzenofuran
Concen: 44.448 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	888917		
139	40.1		30.4	45.6
169	14.4		11.0	16.4

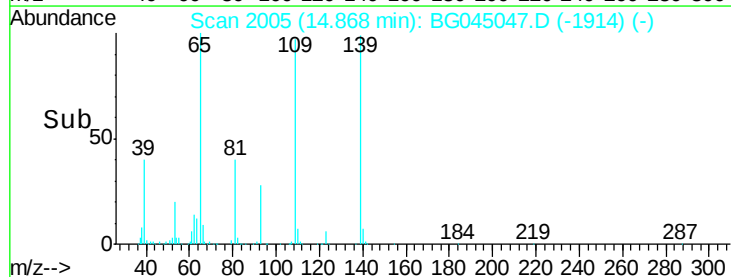
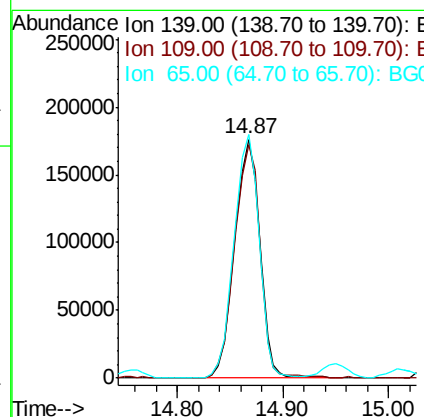
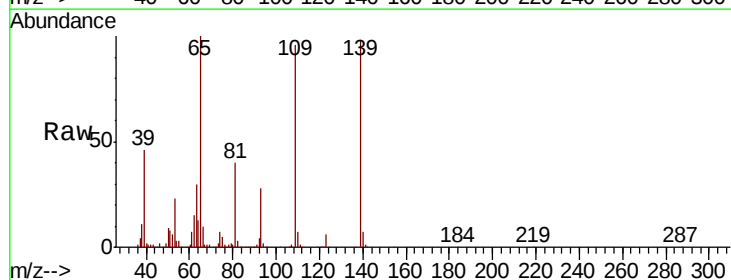
Manual Integrations
APPROVED

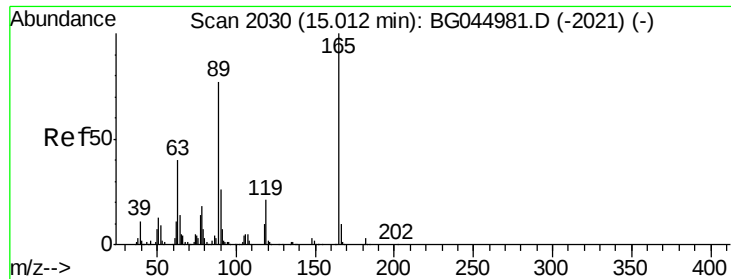
mohammad
4/20/2020 2:28:13 PM



#56
4-Nitrophenol
Concen: 87.739 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	291229		
109	97.8		73.6	113.6
65	101.9		81.2	121.2





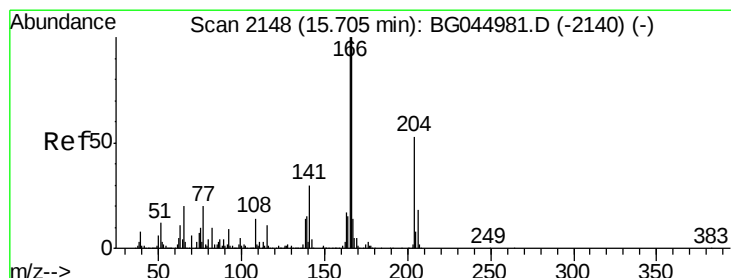
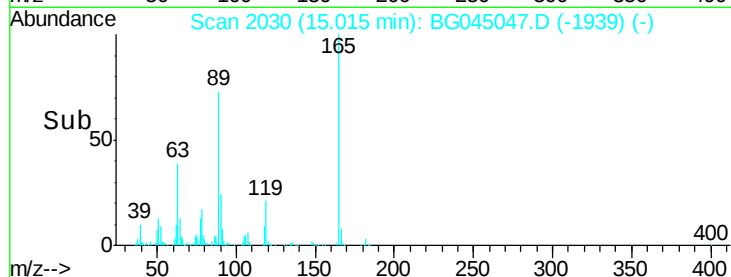
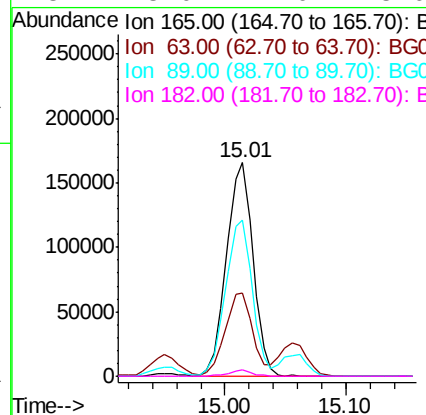
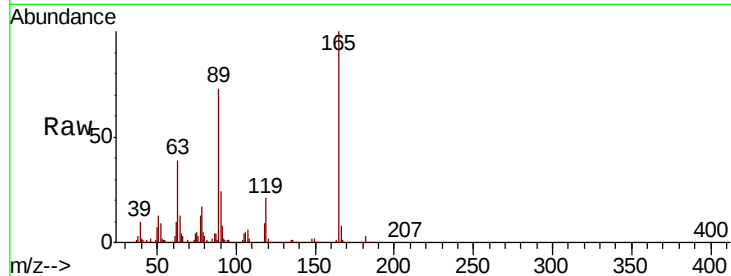
#57
 2,4-Dinitrotoluene
 Concen: 44.397 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253246		
63	39.2		32.2	48.2
89	73.0		61.7	92.5
182	3.0		2.0	3.0#

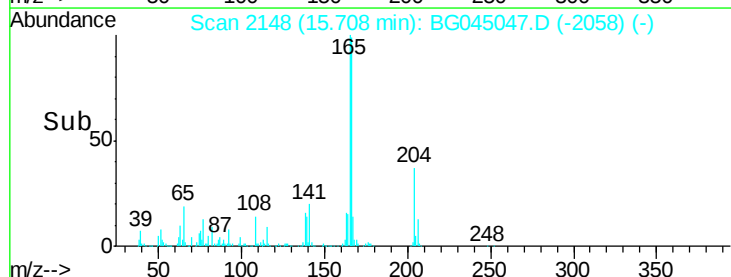
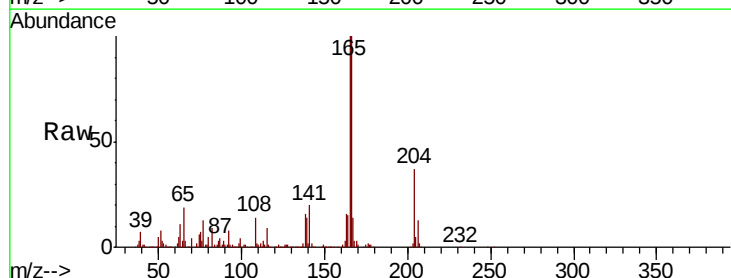
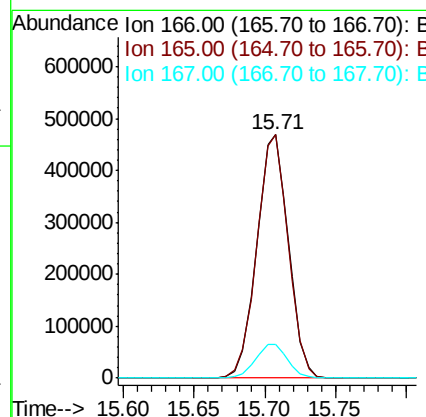
Manual Integrations
 APPROVED

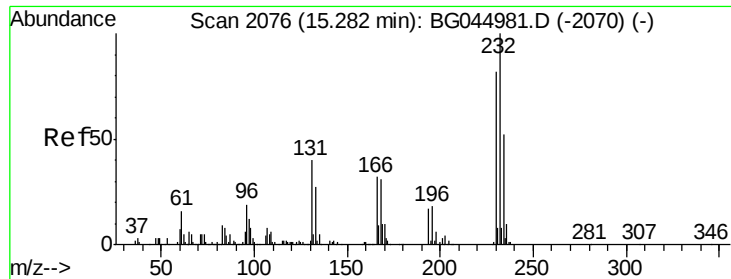
mohammad
 4/20/2020 2:28:13 PM



#58
 Fluorene
 Concen: 45.021 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	735438		
165	100.2		79.9	119.9
167	14.1		11.4	17.0





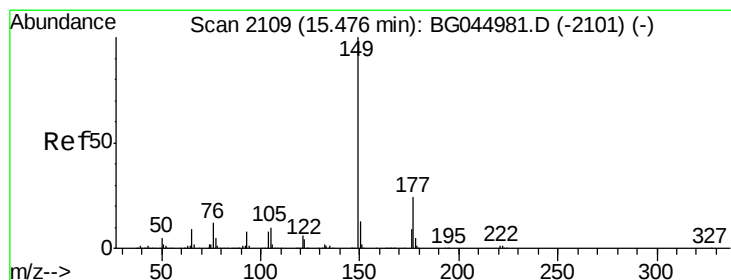
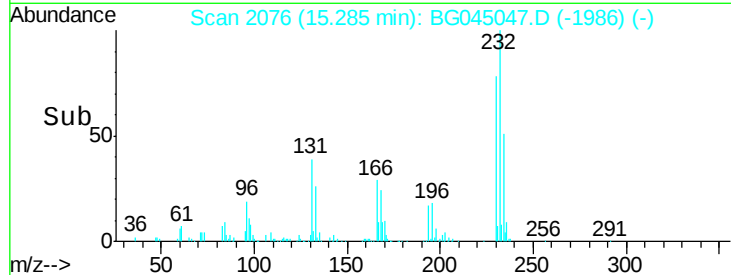
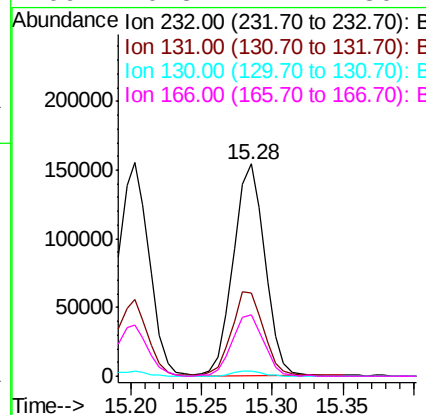
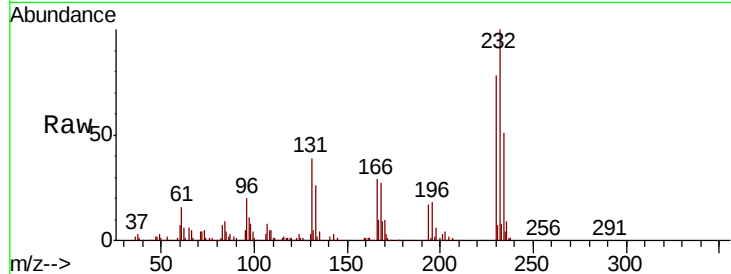
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.681 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	240116		
131	41.2	32.2	48.2	
130	2.7	2.2	3.2	
166	29.3	24.2	36.4	

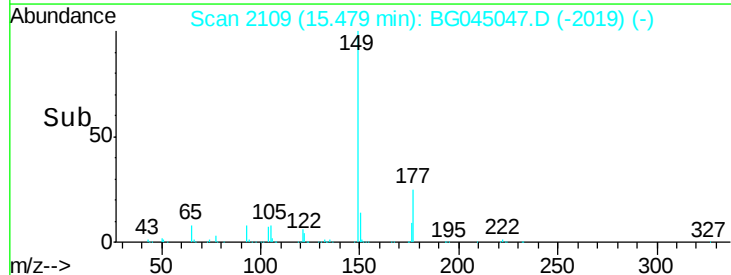
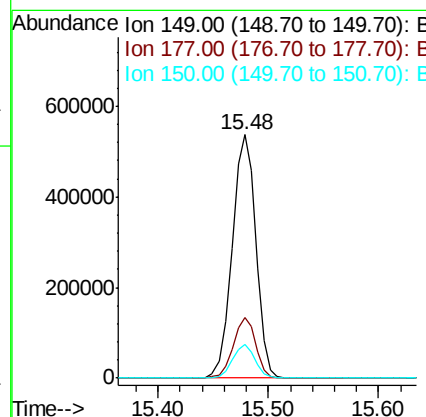
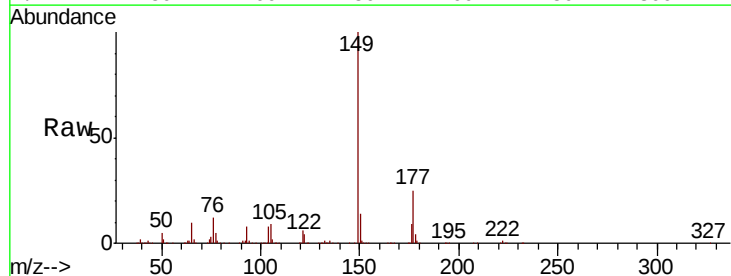
Manual Integrations
 APPROVED

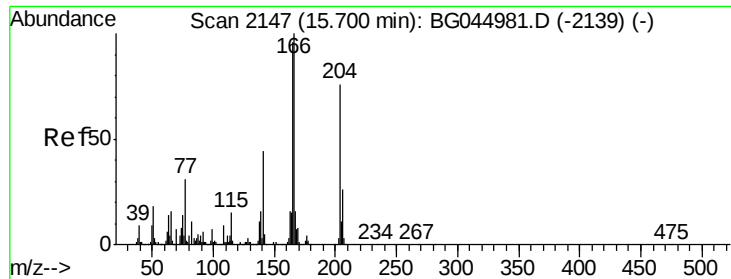
mohammad
 4/20/2020 2:28:13 PM



#60
 Diethylphthalate
 Concen: 44.080 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	801995		
177	24.8	18.9	28.3	
150	13.7	10.6	15.8	





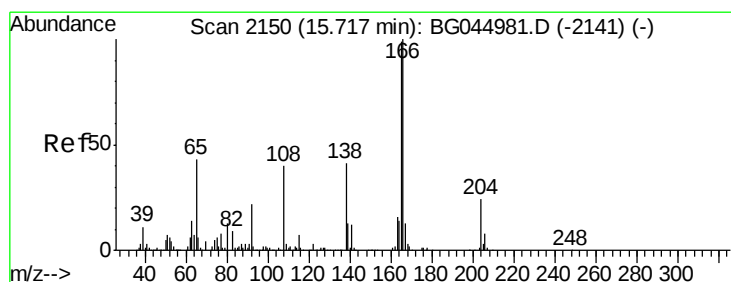
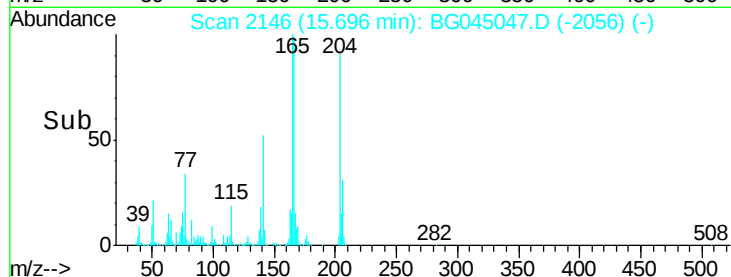
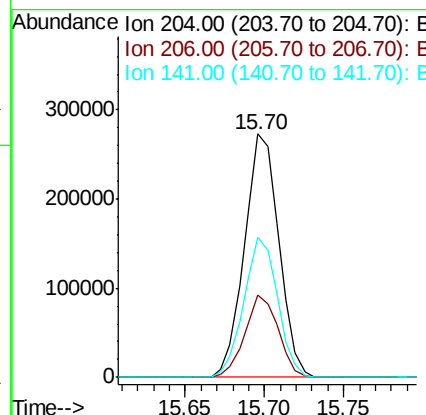
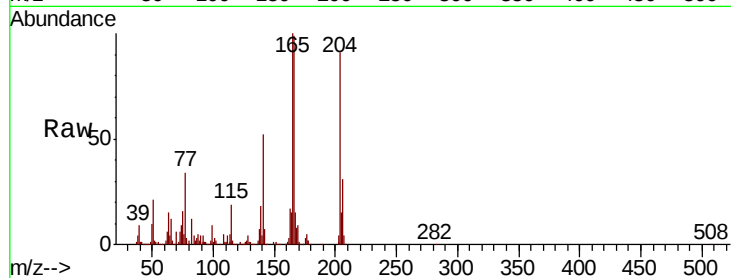
#61
 4-Chlorophenyl-phenylether
 Concen: 43.591 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.6	26.9	40.3	
141	57.4	46.3	69.5	

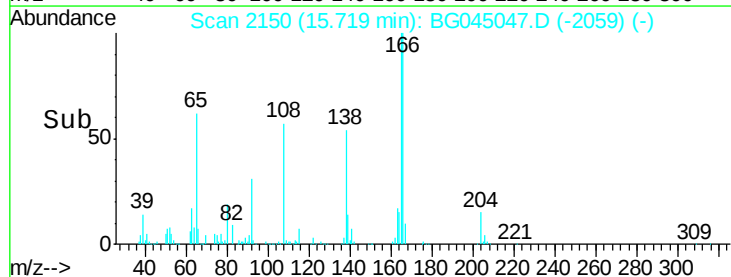
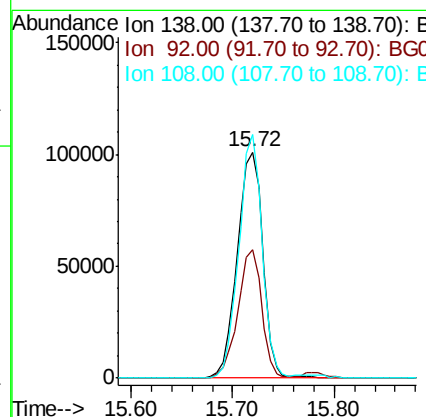
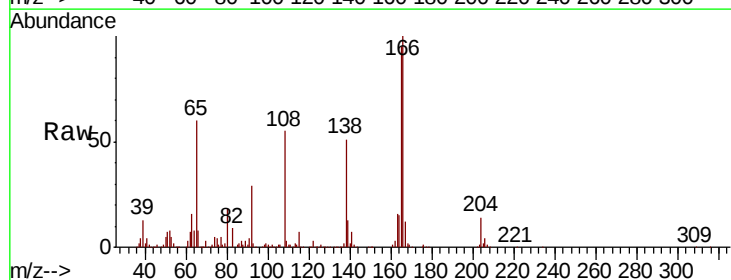
Manual Integrations
 APPROVED

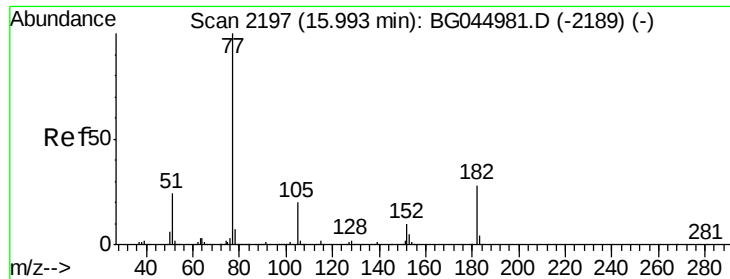
mohammad
 4/20/2020 2:28:13 PM



#62
 4-Nitroaniline
 Concen: 40.079 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.7	33.6	73.6	
108	107.7	78.2	118.2	





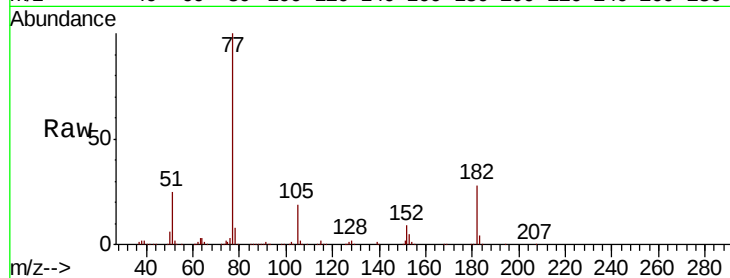
#63
Azobenzene
Concen: 45.092 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

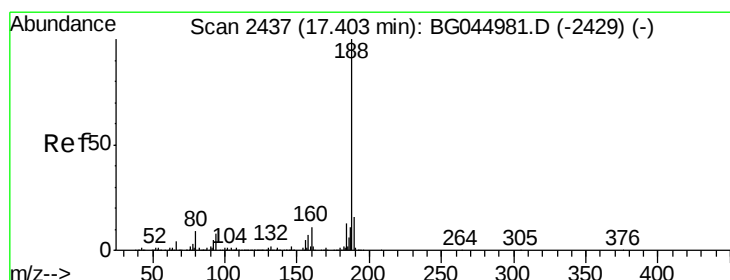
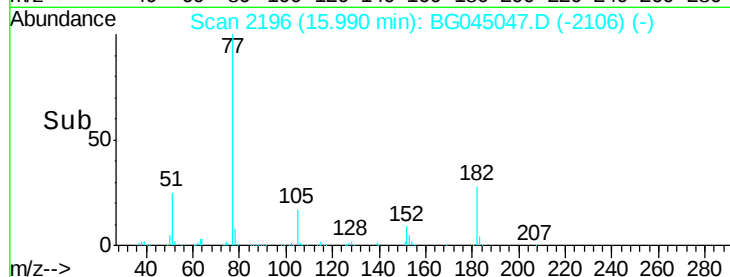
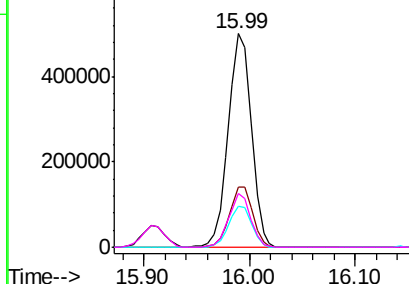
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.1	8.4	48.4	
105	19.1	0.5	40.5	
51	25.2	4.4	44.4	

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



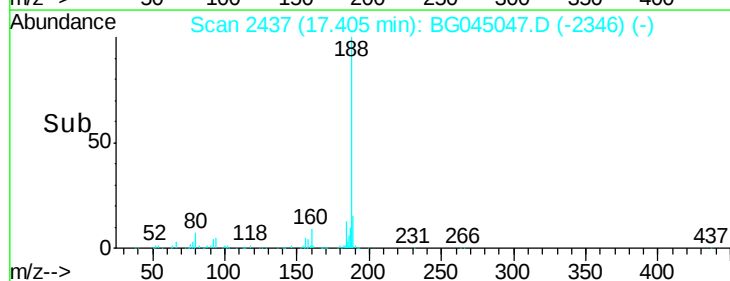
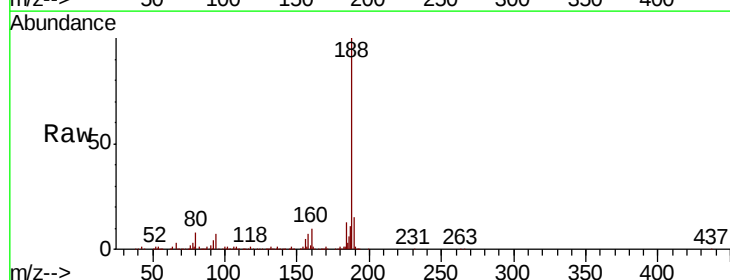
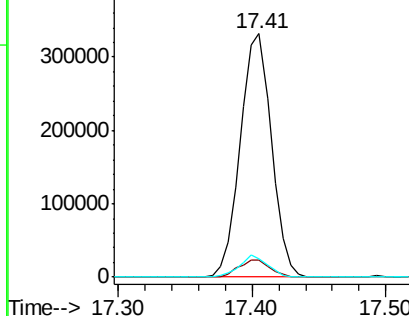
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

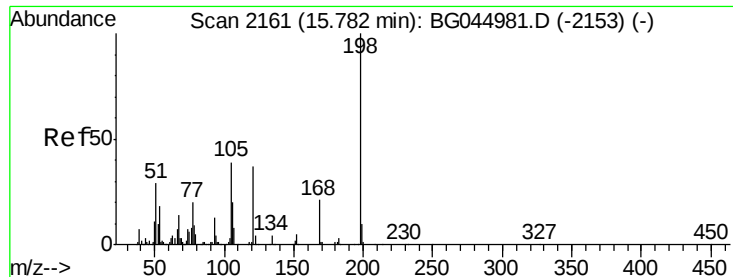


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.9	6.2	9.4	
80	7.7	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: 47.779 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

ClientSampleId :

PB128298BSD

Tot Ion:198 Resp: 167688

Ion Ratio Lower Upper

198 100

51 32.2 10.0 50.0

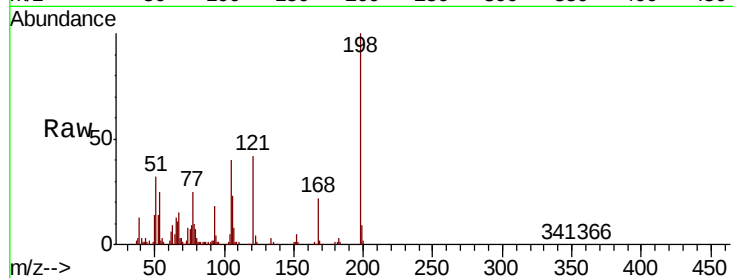
105 39.8 18.9 58.9

Manual Integrations

APPROVED

mohammad

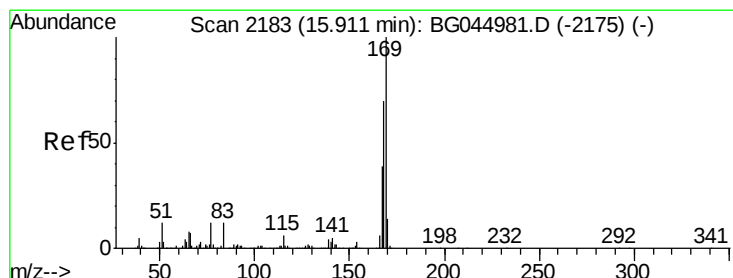
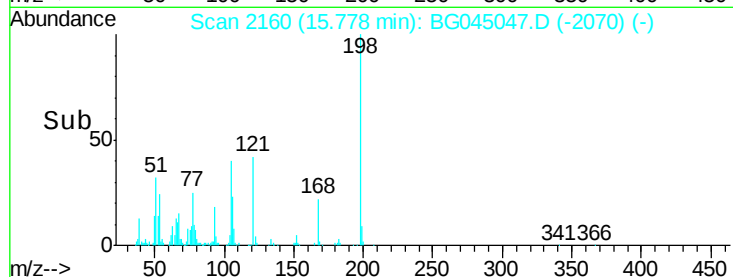
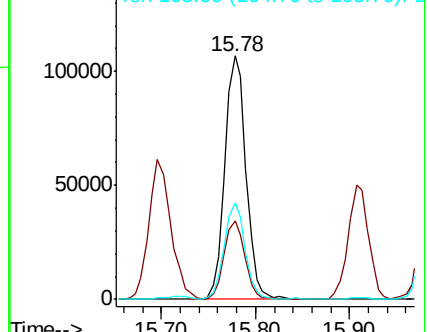
4/20/2020 2:28:13 PM



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: 44.040 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

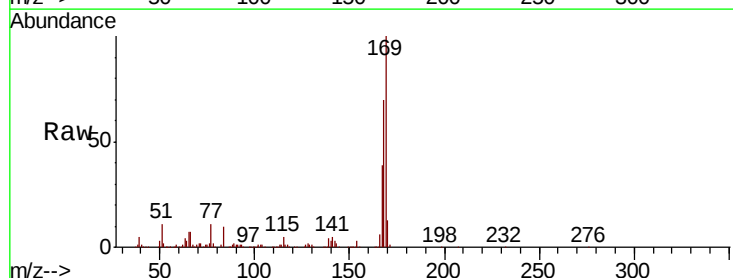
Tgt Ion:169 Resp: 675638

Ion Ratio Lower Upper

169 100

168 69.9 55.8 83.8

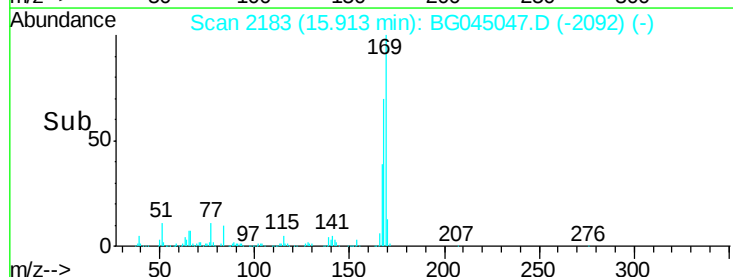
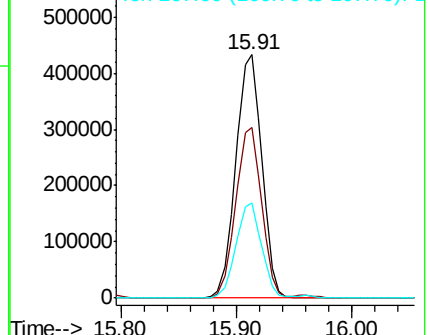
167 38.8 30.8 46.2

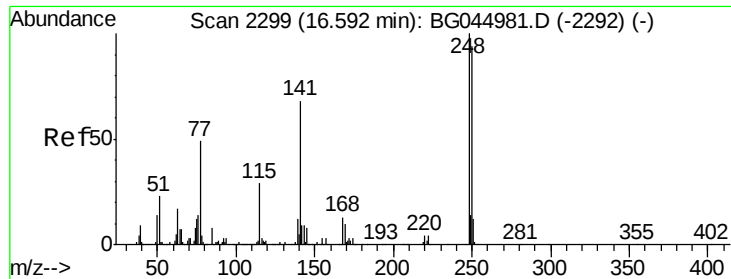


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





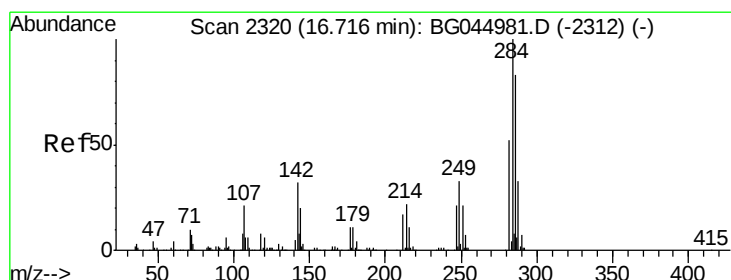
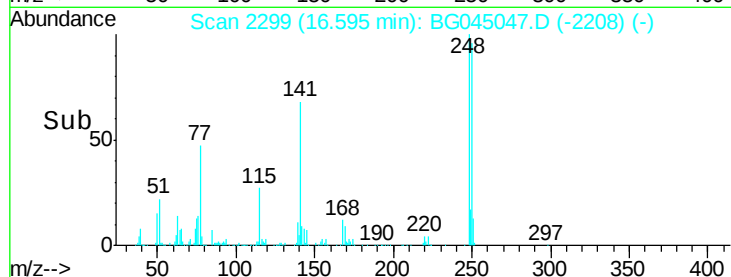
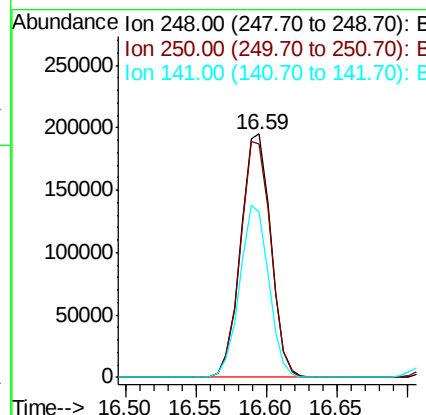
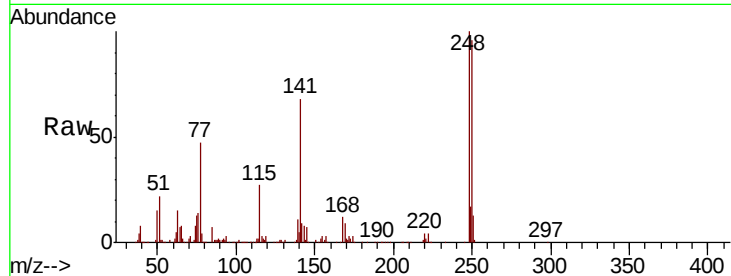
#67
4-Bromophenyl-phenylether
Concen: 42.143 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.4	113.2
141	67.9	54.4	81.6

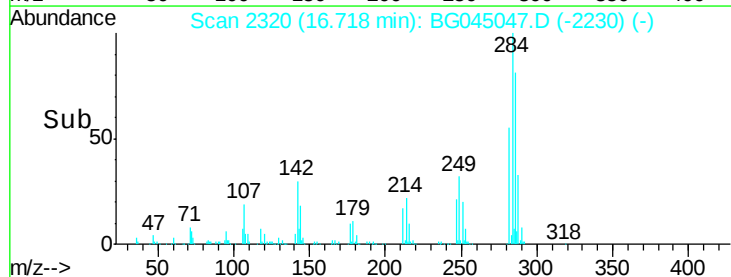
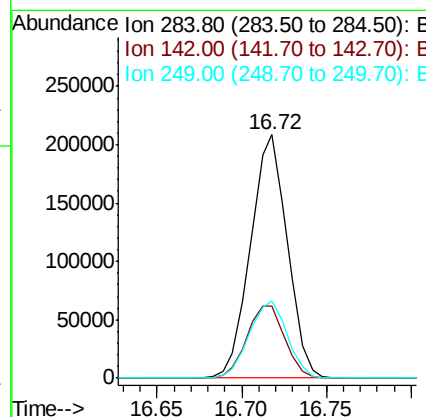
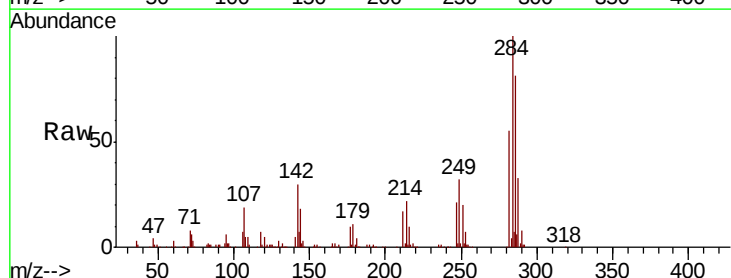
Manual Integrations
APPROVED

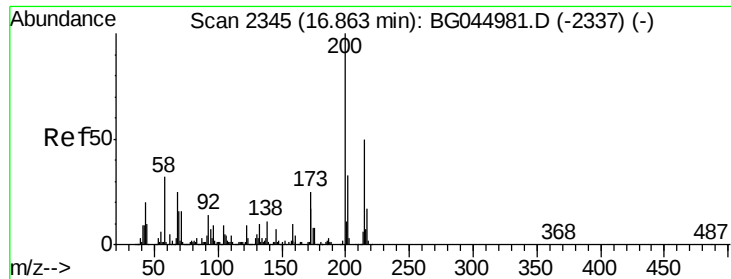
mohammad
4/20/2020 2:28:13 PM



#68
Hexachlorobenzene
Concen: 44.169 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.8	38.6
249	31.7	26.6	39.8





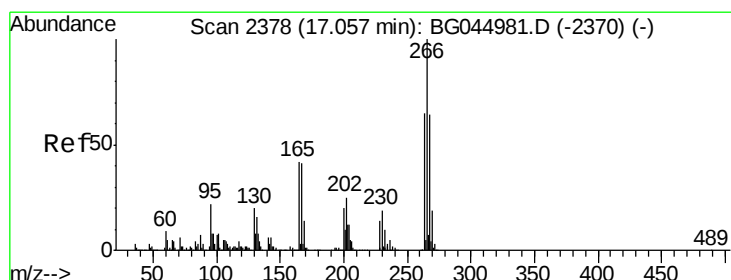
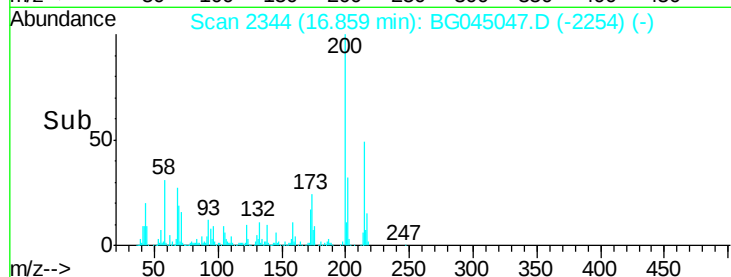
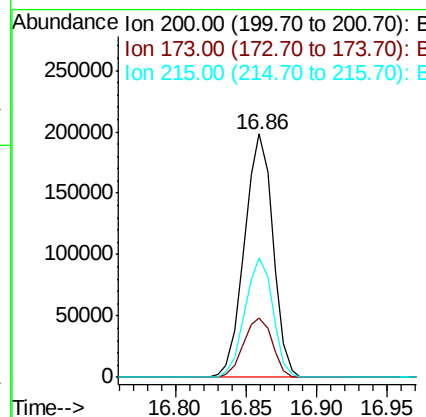
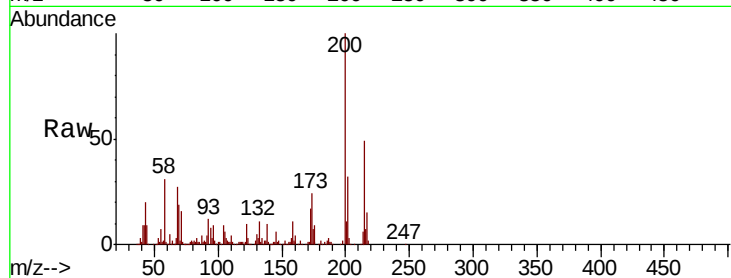
#69
Atrazine
Concen: 50.626 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.5	44.5
215	49.2	30.0	70.0

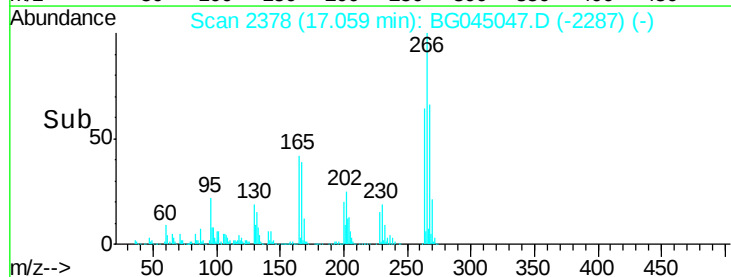
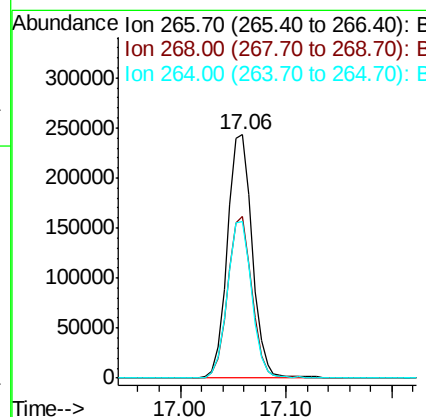
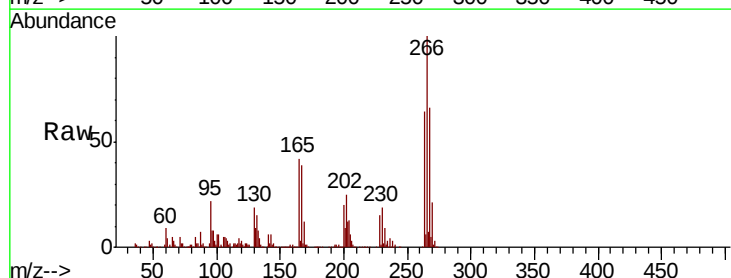
Manual Integrations
APPROVED

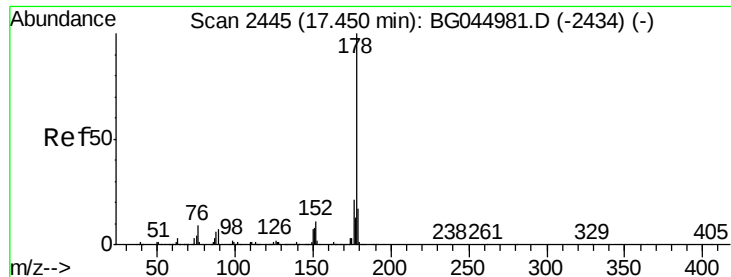
mohammad
4/20/2020 2:28:13 PM



#70
Pentachlorophenol
Concen: 90.546 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.5	77.3
264	64.4	52.2	78.4





#71

Phenanthrene

Concen: 44.041 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

ClientSampleId :

PB128298BSD

Tot Ion:178 Resp: 1208410

Ion Ratio Lower Upper

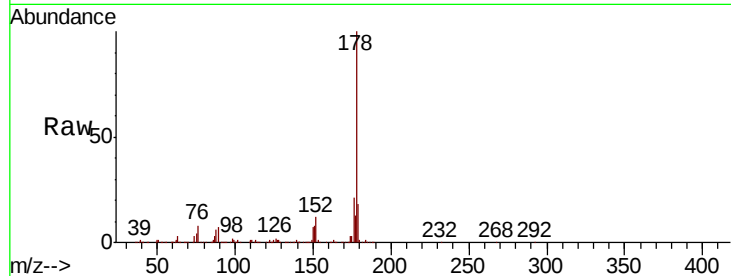
178 100

176 20.8 16.8 25.2

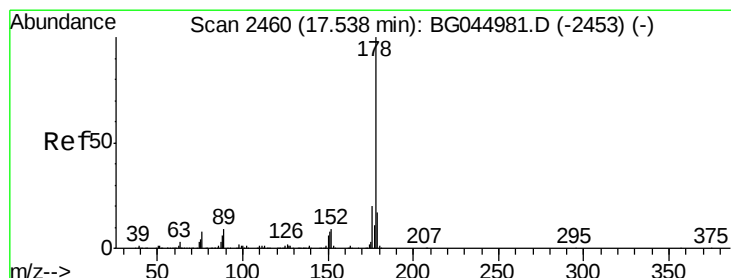
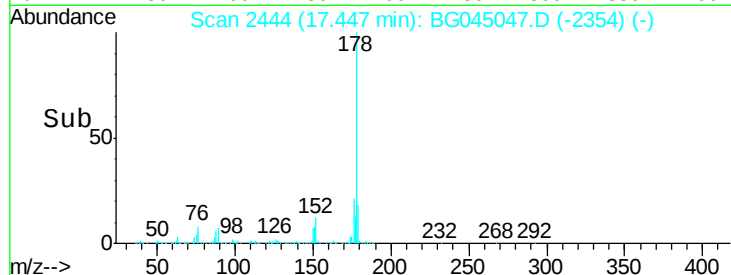
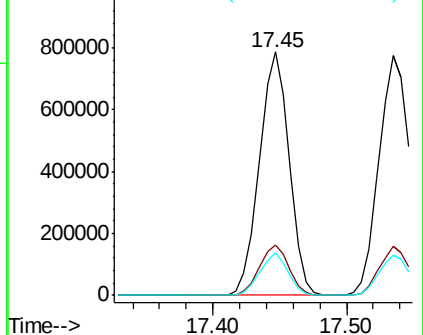
179 17.5 13.2 19.8

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



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



#72

Anthracene

Concen: 44.576 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:178 Resp: 1226875

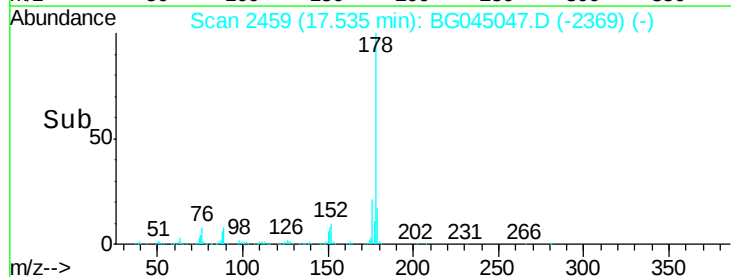
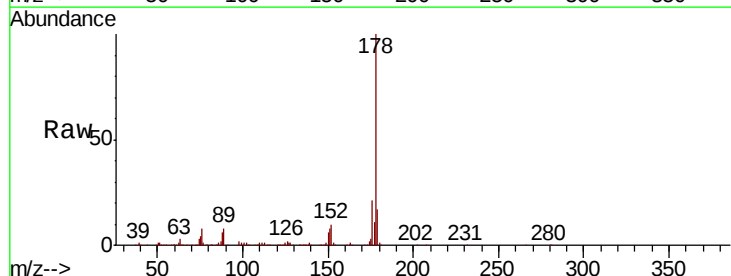
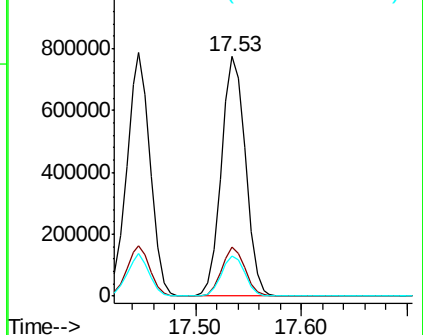
Ion Ratio Lower Upper

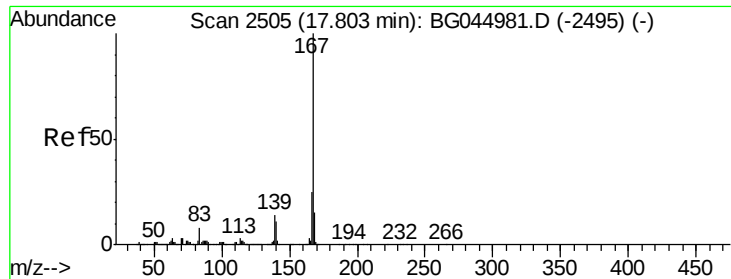
178 100

176 20.5 16.0 24.0

179 16.9 13.6 20.4

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





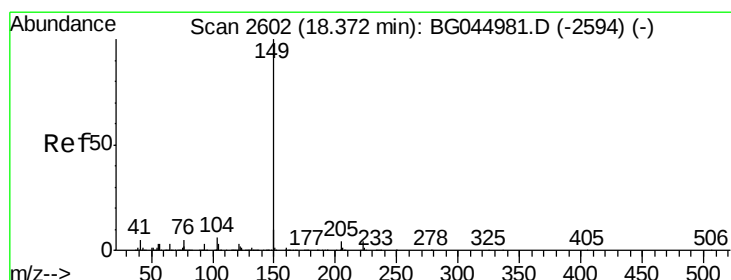
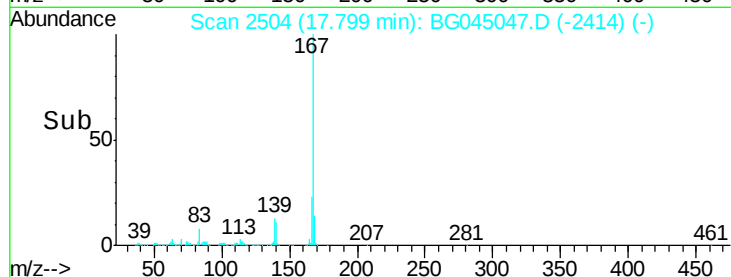
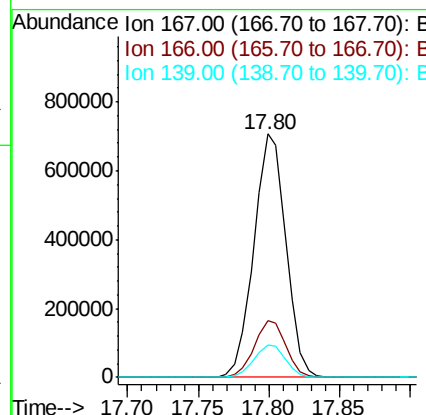
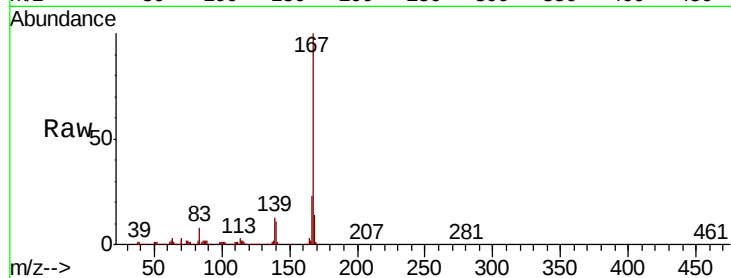
#73
 Carbazole
 Concen: 40.310 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.8	29.6
139	13.4	10.9	16.3

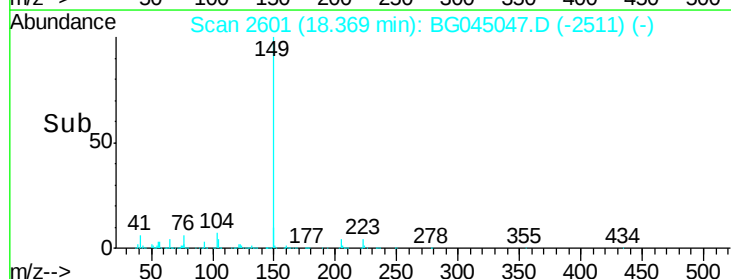
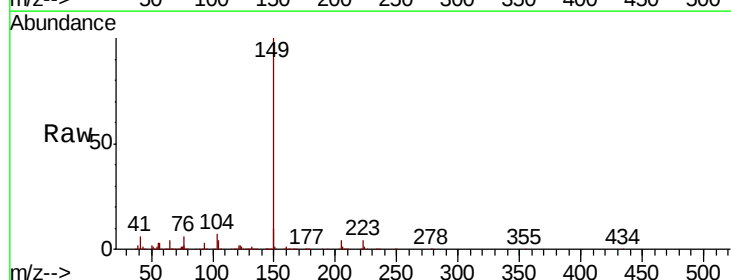
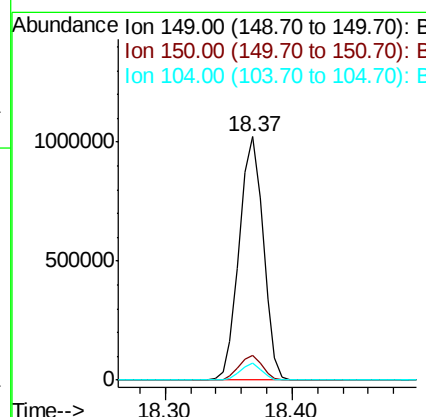
Manual Integrations
 APPROVED

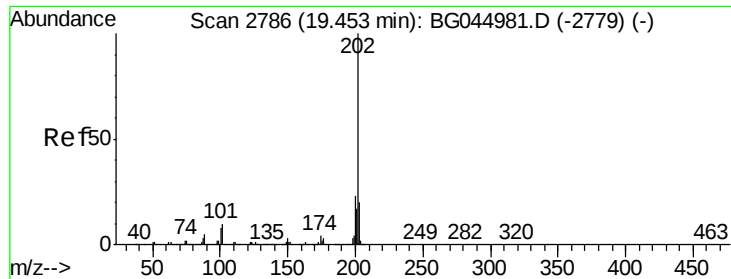
mohammad
 4/20/2020 2:28:13 PM



#74
 Di-n-butylphthalate
 Concen: 43.704 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.8	4.8	7.2





#75

Fluoranthene

Concen: 45.351 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

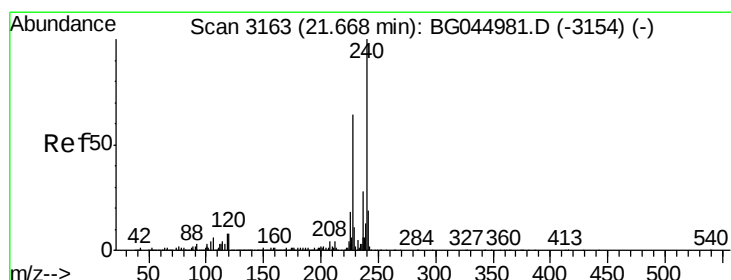
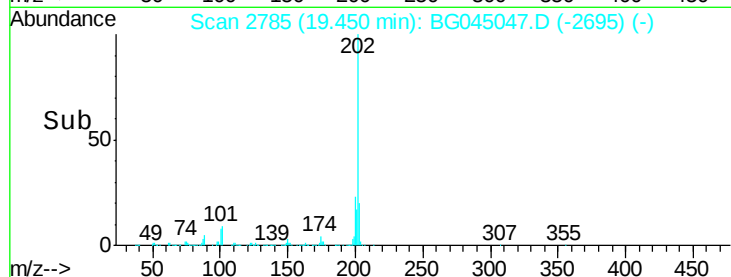
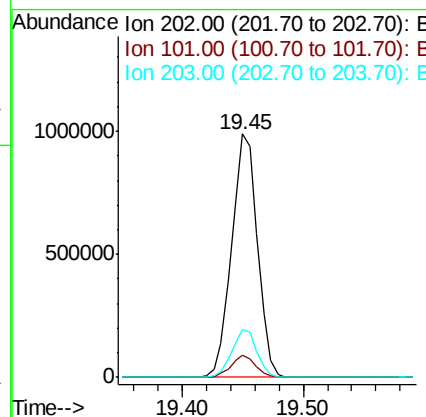
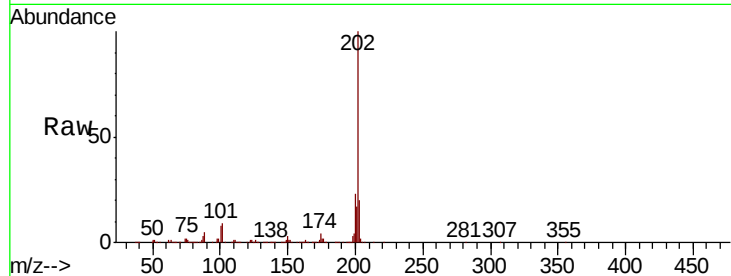
ClientSampleId :

PB128298BSD

Tot Ion:	202	Resp:	1461032
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.6
203	19.7	0.0	39.7

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#76

Chrysene-d12

Concen: 20.000 ng

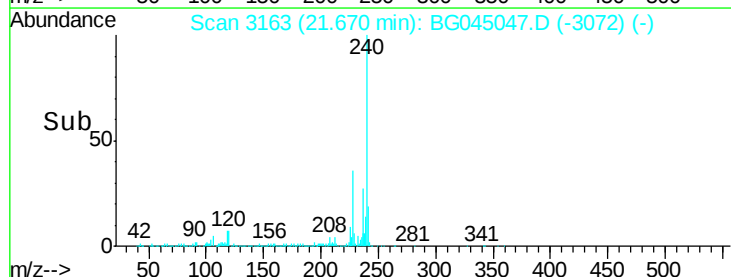
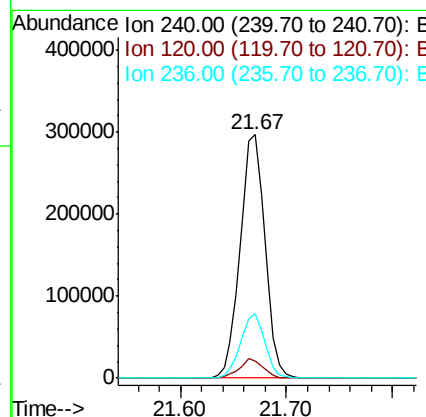
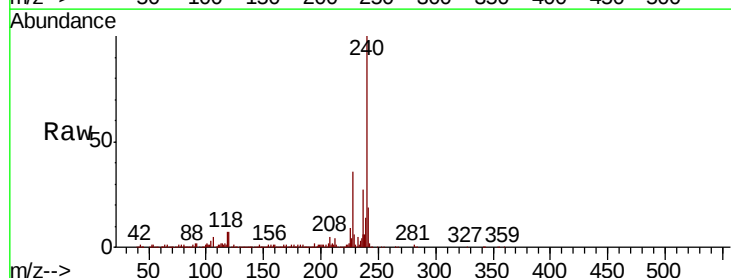
RT: 21.67 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	240	Resp:	479006
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.6	10.0
236	26.7	22.2	33.2





#77

Benzidine

Concen: 49.142 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Instrument :

BNA_G

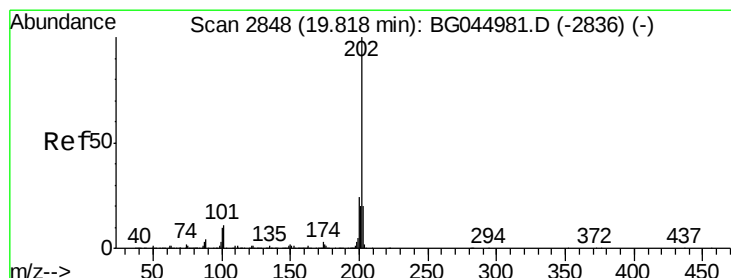
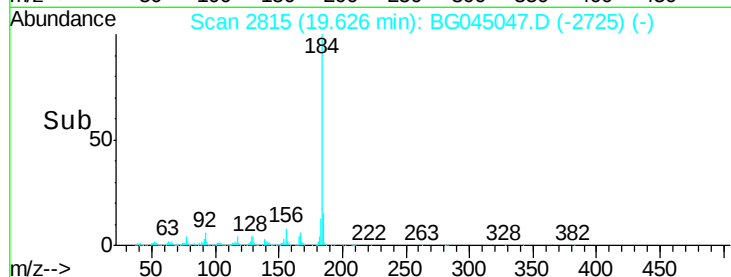
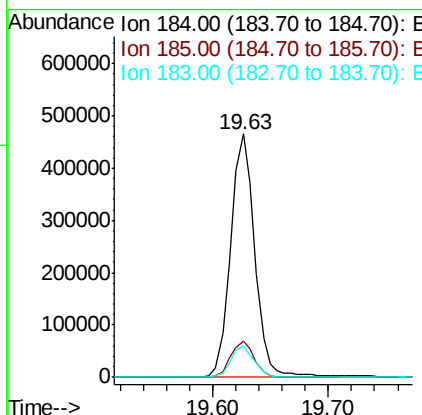
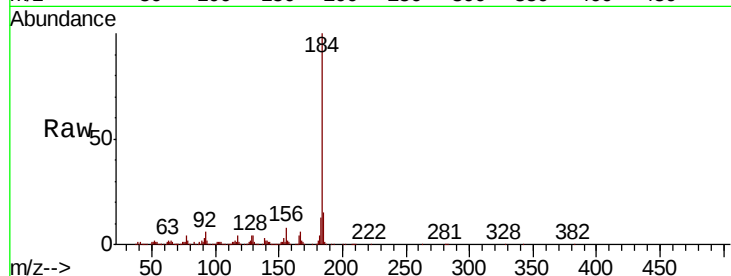
ClientSampleId :

PB128298BSD

Tot Ion:	184	Resp:	674184
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	12.6	11.3	16.9

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#78

Pyrene

Concen: 43.382 ng

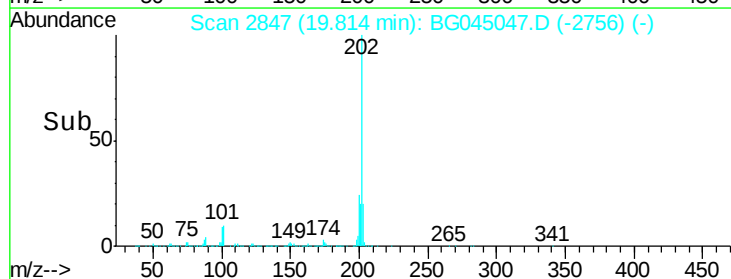
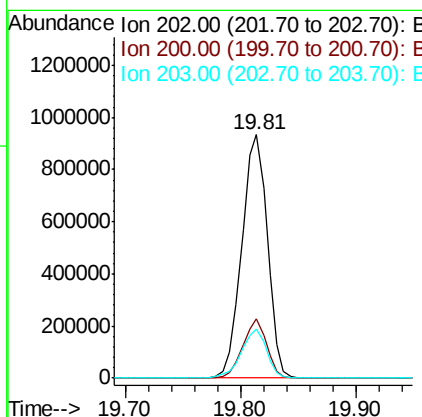
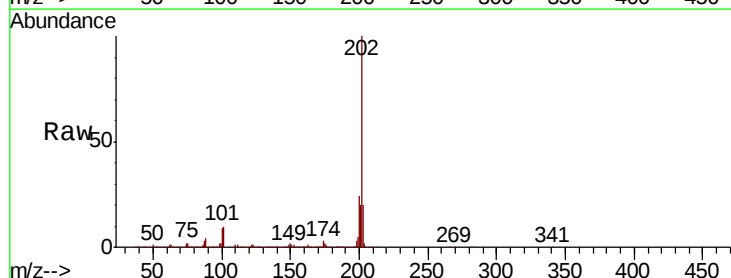
RT: 19.81 min Scan# 2847

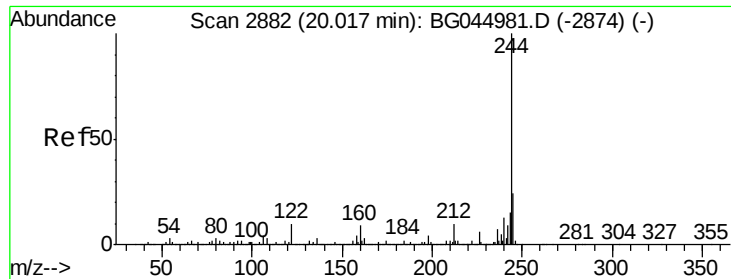
Delta R.T. 0.01 min

Lab File: BG045047.D

Acq: 18 Apr 2020 1:47

Tgt Ion:	202	Resp:	1432586
Ion Ratio	Lower	Upper	
202	100		
200	24.3	19.0	28.6
203	19.9	16.1	24.1





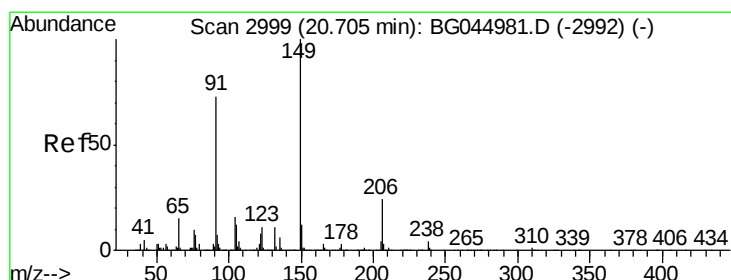
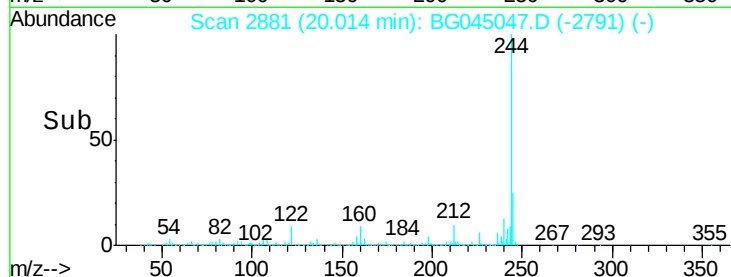
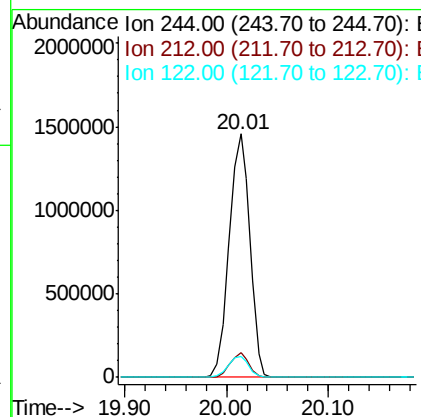
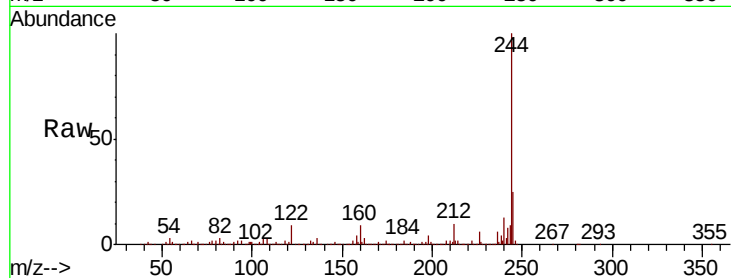
#79
 Terphenyl-d14
 Concen: 93.675 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	8.8	7.7	11.5

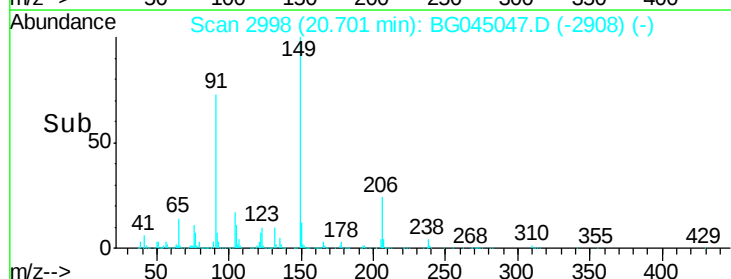
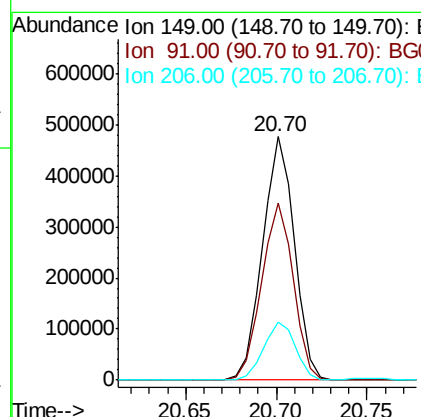
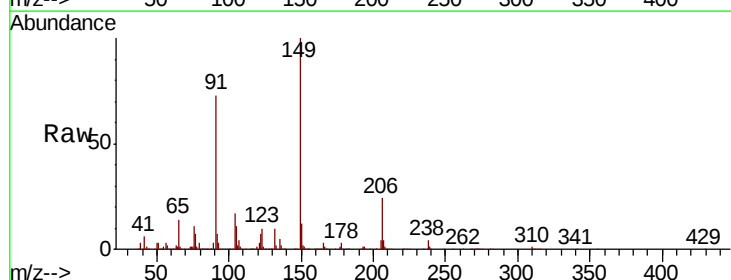
Manual Integrations
 APPROVED

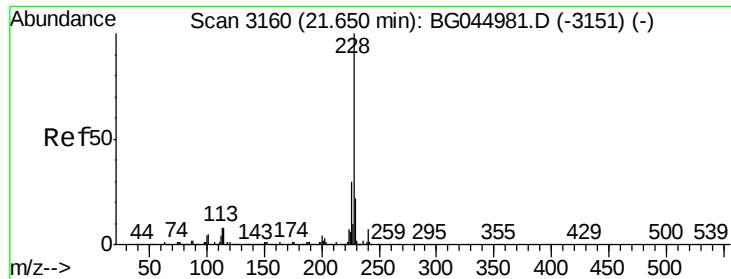
mohammad
 4/20/2020 2:28:13 PM



#80
 Butylbenzylphthalate
 Concen: 42.380 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	58.5	87.7
206	24.0	19.2	28.8





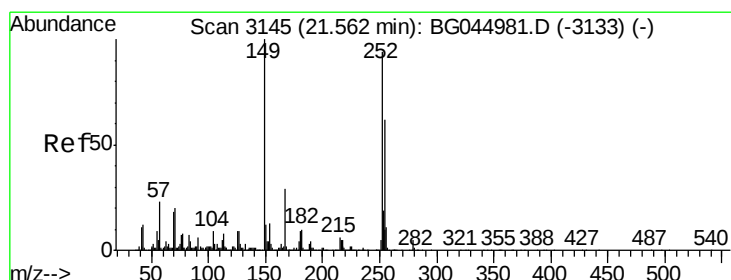
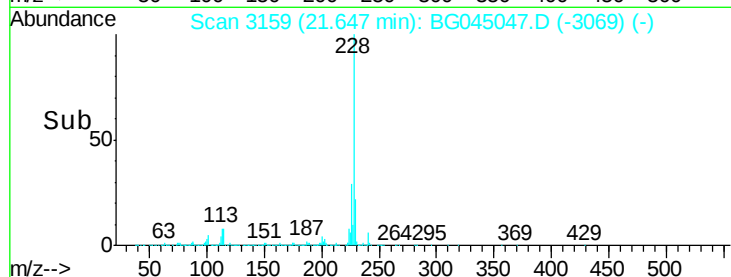
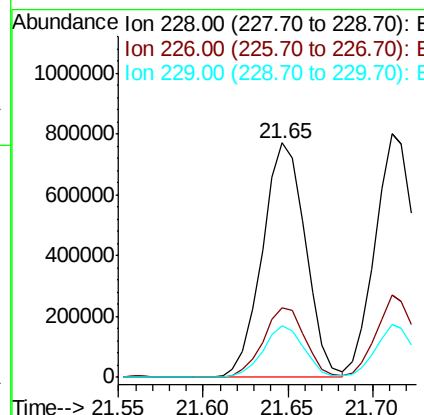
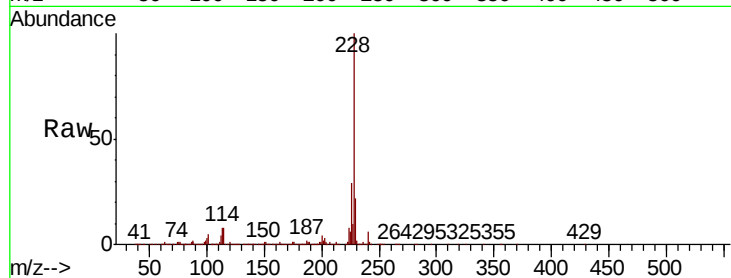
#81
Benzo(a)anthracene
Concen: 43.887 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	22.2	17.5	26.3

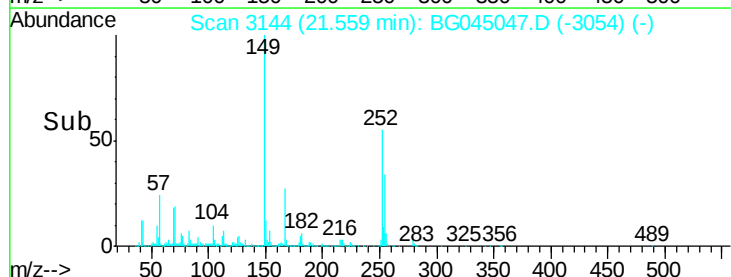
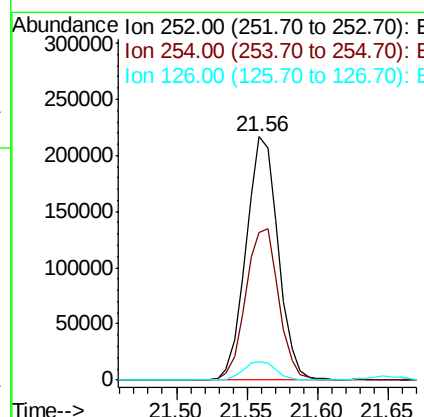
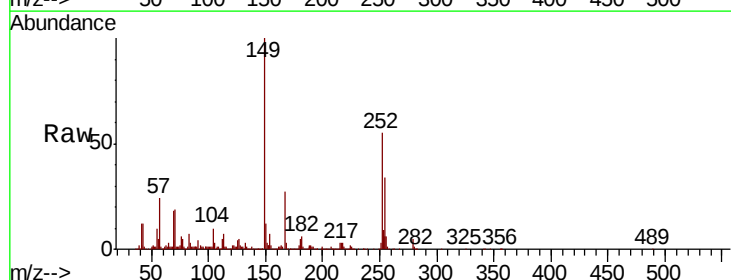
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.946 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.6	52.6	79.0
126	7.3	7.5	11.3#





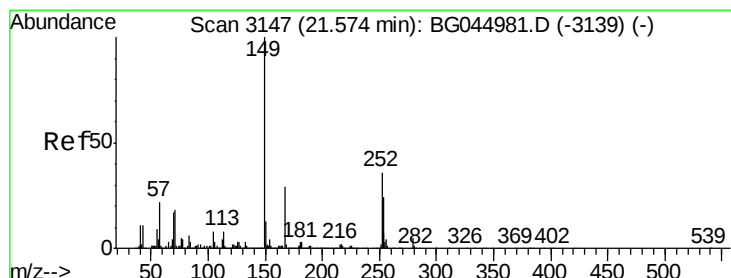
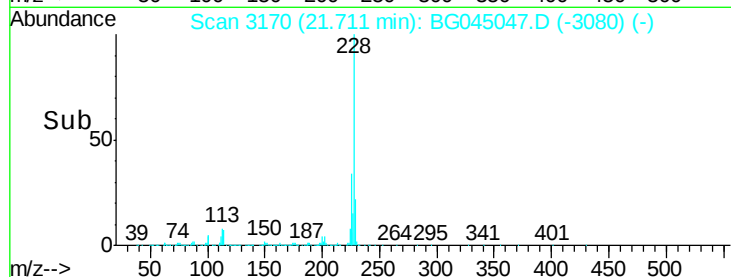
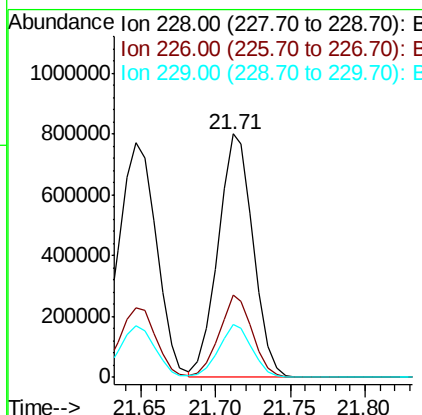
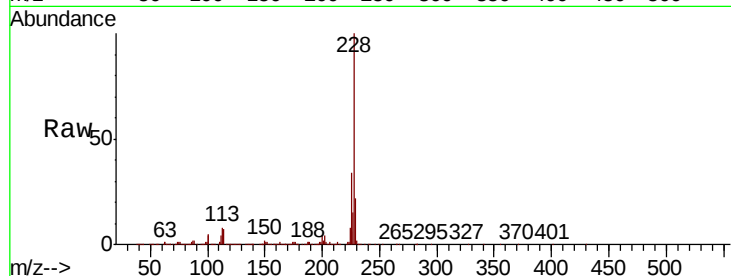
#83
Chrysene
Concen: 43.932 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	22.0	17.0	25.6

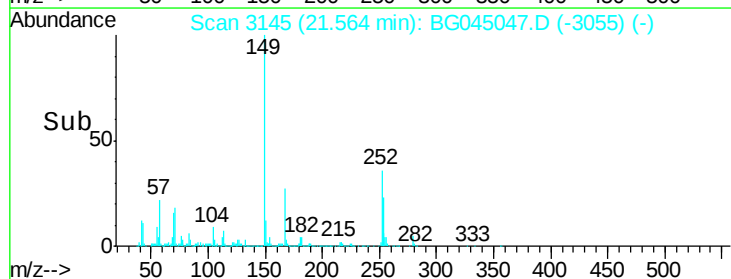
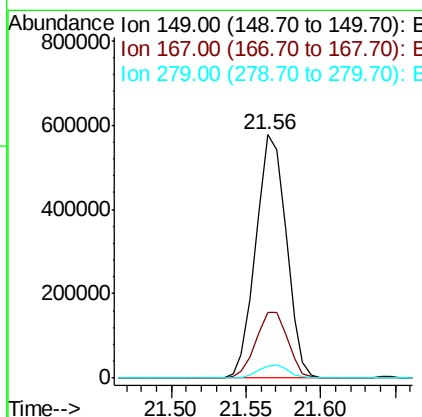
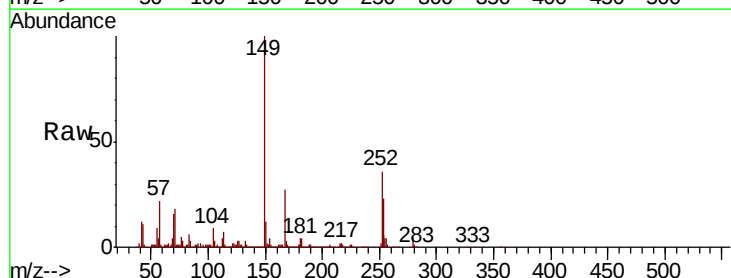
Manual Integrations
APPROVED

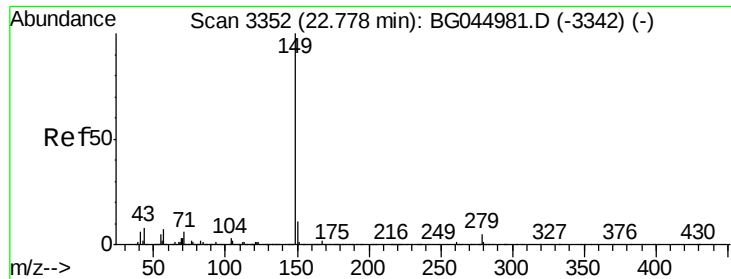
mohammad
4/20/2020 2:28:13 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.246 ng
RT: 21.56 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.4	35.0
279	4.9	4.3	6.5





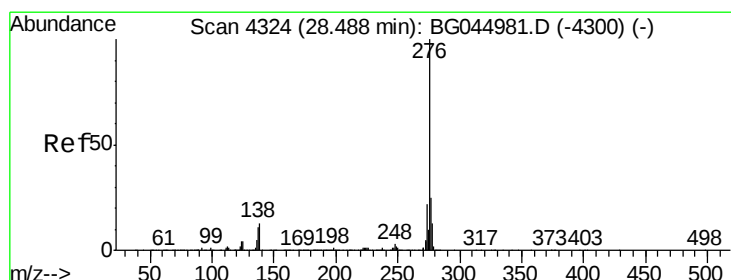
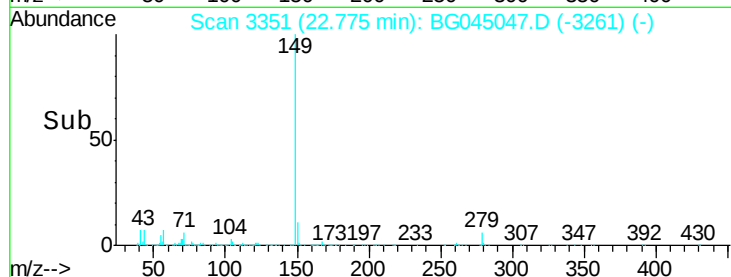
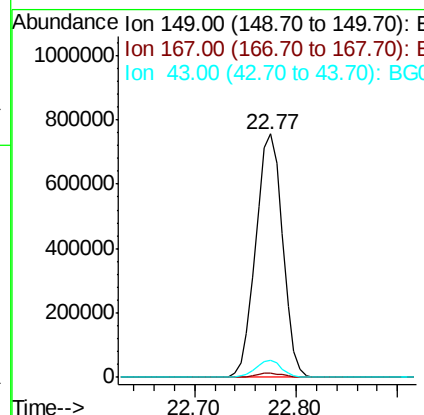
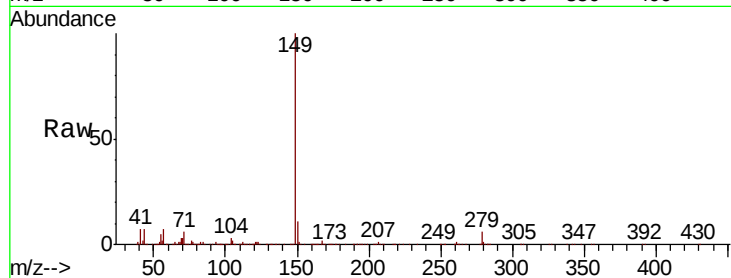
#85
Di-n-octyl phthalate
Concen: 42.887 ng
RT: 22.77 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.1	5.7	8.5

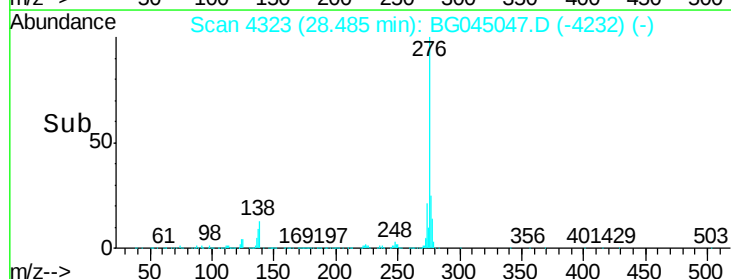
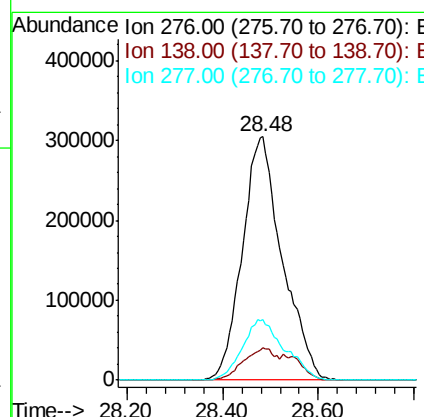
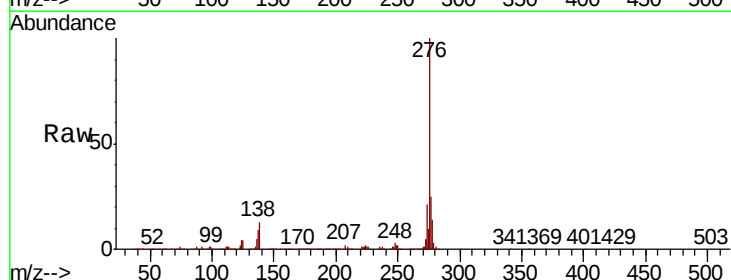
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.523 ng
RT: 28.48 min Scan# 4323
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.6	14.4
277	26.3	20.6	31.0





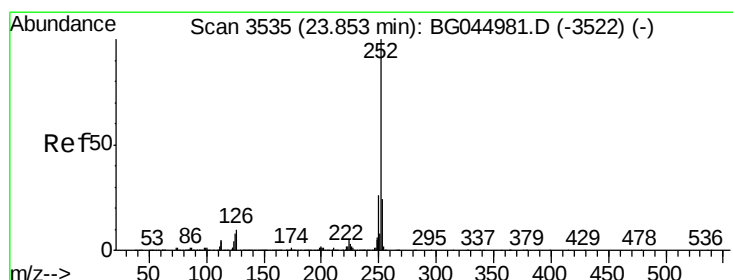
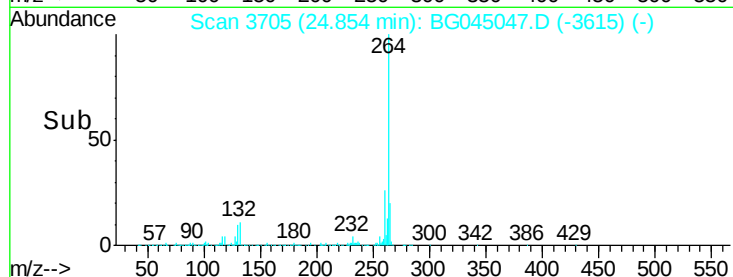
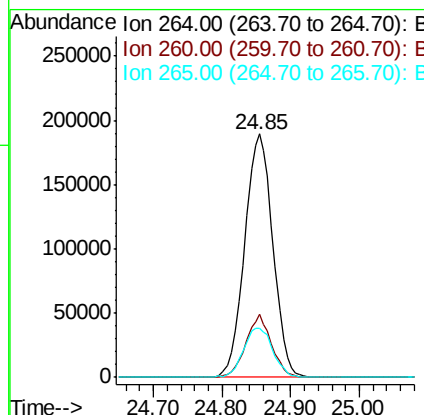
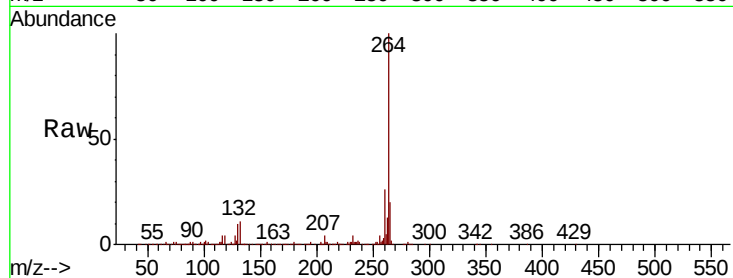
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	20.3	19.0	28.4

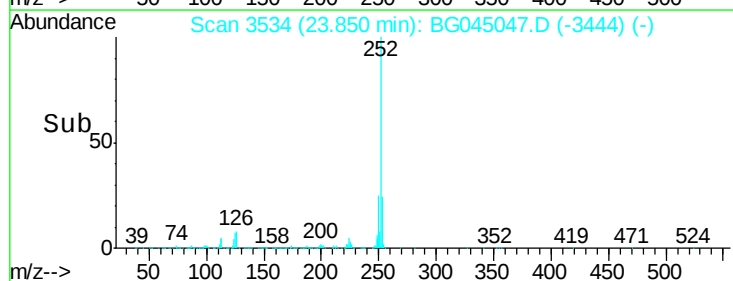
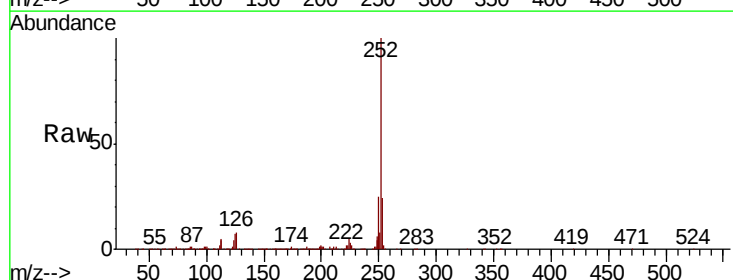
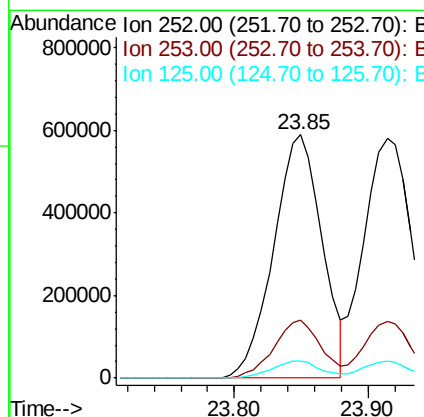
Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:13 PM



#88
Benzo(b)fluoranthene
Concen: 43.973 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.8	28.2
125	7.0	6.2	9.4





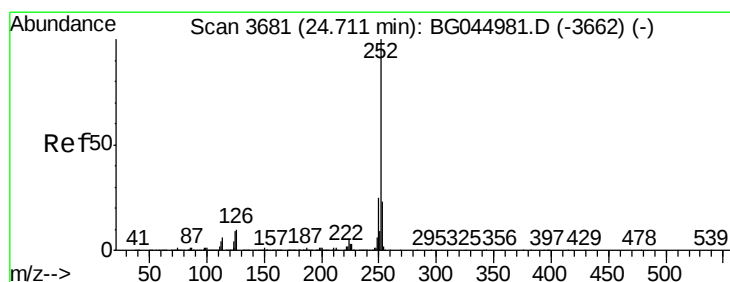
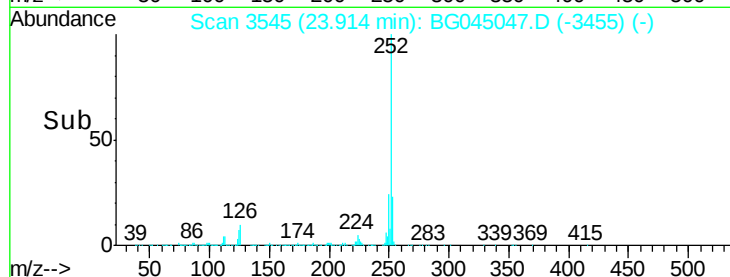
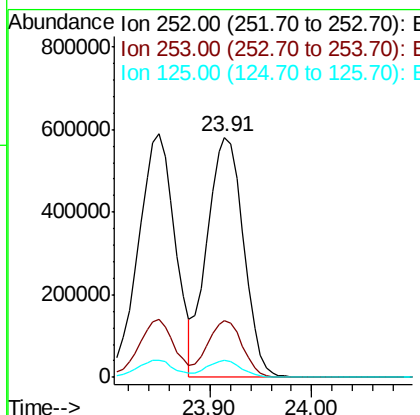
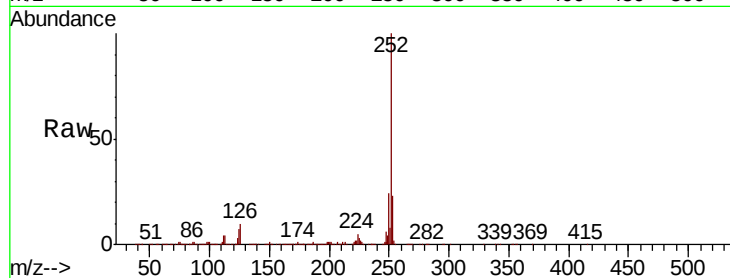
#89
Benzo(k)fluoranthene
Concen: 45.000 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Instrument :
BNA_G
ClientSampleId :
PB128298BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	6.9	5.9	8.9

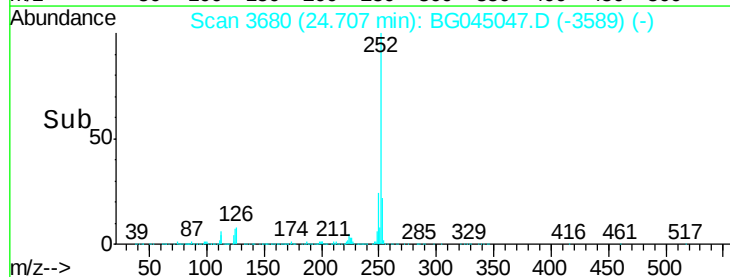
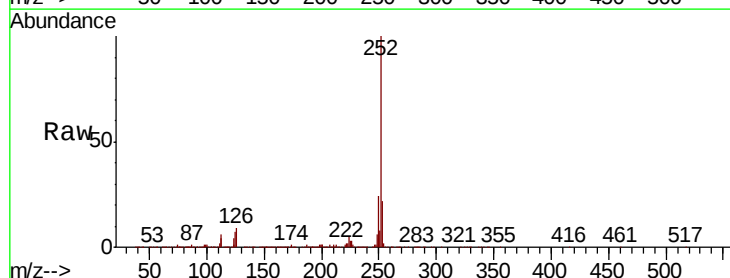
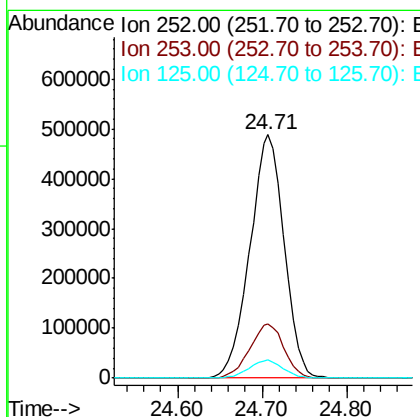
Manual Integrations
APPROVED

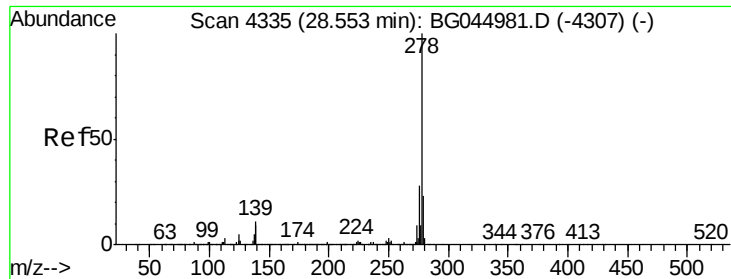
mohammad
4/20/2020 2:28:13 PM



#90
Benzo(a)pyrene
Concen: 43.209 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045047.D
Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	7.3	7.0	10.6





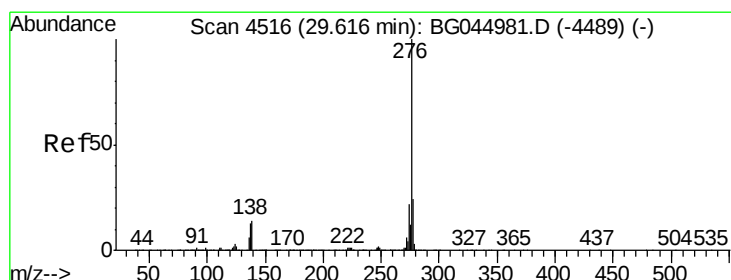
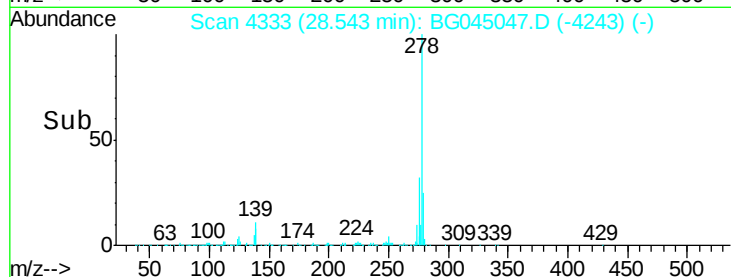
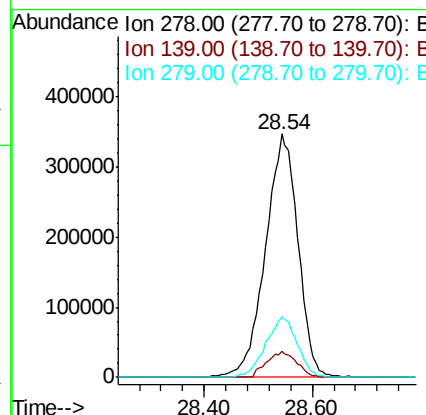
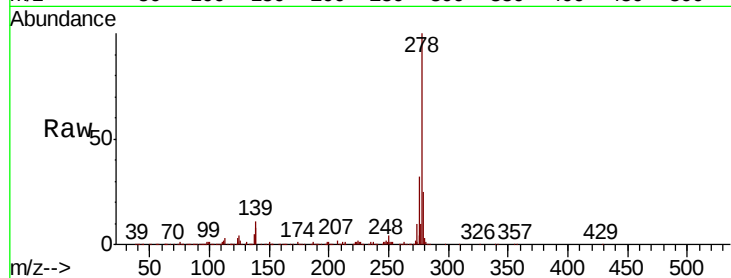
#91
 Dibenzo(a,h)anthracene
 Concen: 44.877 ng
 RT: 28.54 min Scan# 4333
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.0	13.6
279	24.8	18.4	27.6

Manual Integrations
 APPROVED

mohammad
 4/20/2020 2:28:13 PM



#92
 Benzo(g,h,i)perylene
 Concen: 45.418 ng
 RT: 29.61 min Scan# 4514
 Delta R.T. -0.00 min
 Lab File: BG045047.D
 Acq: 18 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.3	28.9
138	14.0	11.4	17.2

