

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044143.D
 Acq On : 21 Jan 2020 21:15
 Operator : JU
 Sample : PB126236BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM

Quant Time: Jan 22 07:22:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81634	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	348388	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	231065	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	498668	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	415366	20.00	ng	-0.03
87) Perylene-d12	24.66	264	481698	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	649009	145.98	ng	-0.03
7) Phenol-d6	7.11	99	871222	140.19	ng	-0.02
23) Nitrobenzene-d5	9.09	82	457747	70.29	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	333023	137.72	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1025664	80.42	ng	-0.04
79) Terphenyl-d14	19.93	244	1481678	86.37	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	98897	51.016 ng	97
3) Pyridine	3.79	79	203390	35.516 ng	93
4) n-Nitrosodimethylamine	3.70	42	100348	39.357 ng	97
6) Aniline	7.25	93	258307	31.644 ng	98
8) 2-Chlorophenol	7.50	128	251596	48.203 ng	96
9) Benzaldehyde	7.06	77	127485	32.051 ng	99
10) Phenol	7.13	94	311913	48.713 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	231765	41.932 ng	97
12) 1,3-Dichlorobenzene	7.82	146	253525	41.508 ng	99
13) 1,4-Dichlorobenzene	7.96	146	254156	42.173 ng	99
14) 1,2-Dichlorobenzene	8.29	146	242837	41.980 ng	99
15) Benzyl Alcohol	8.16	79	209074	42.626 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	314640	36.795 ng	99
17) 2-Methylphenol	8.37	107	217032	46.838 ng	100
18) Hexachloroethane	9.02	117	95755	40.834 ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	180886	39.084 ng	98
20) 3+4-Methylphenols	8.70	107	297856	46.078 ng	99
22) Acetophenone	8.75	105	343565	39.667 ng	98
24) Nitrobenzene	9.13	77	262230	40.655 ng	99
25) Isophorone	9.65	82	499141	40.853 ng	100
26) 2-Nitrophenol	9.84	139	141592	46.399 ng	99
27) 2,4-Dimethylphenol	9.91	122	242399	52.769 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	320573	39.356 ng	98
29) 2,4-Dichlorophenol	10.38	162	249617	45.556 ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	249165	40.556 ng	100
31) Naphthalene	10.78	128	744678	44.171 ng	98
32) Benzoic acid	10.06	122	119858	34.122 ng	93
33) 4-Chloroaniline	10.88	127	178583	22.209 ng	99
34) Hexachlorobutadiene	11.08	225	141165	37.633 ng	98
35) Caprolactam	11.65	113	92508m	45.352 ng	
36) 4-Chloro-3-methylphenol	12.02	107	275839	47.288 ng	97
37) 2-Methylnaphthalene	12.39	142	555616	43.775 ng	95
38) 1-Methylnaphthalene	12.61	142	529778	44.040 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	259130	38.262 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044143.D
 Acq On : 21 Jan 2020 21:15
 Operator : JU
 Sample : PB126236BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

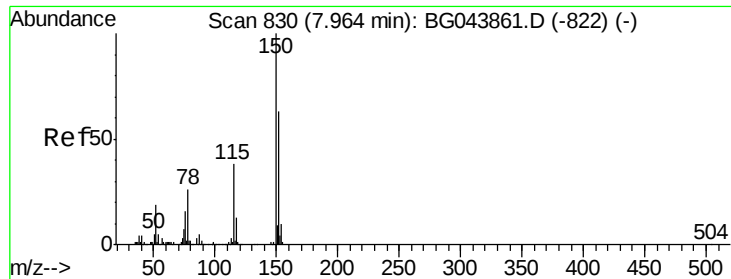
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM

Quant Time: Jan 22 07:22:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	345337	98.355	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	199797	42.875	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	215579	44.854	nq	99
46) 1,1'-Biphenyl	13.40	154	703289	42.451	nq	98
47) 2-Chloronaphthalene	13.44	162	550380	41.113	nq	98
48) 2-Nitroaniline	13.64	65	171891	39.916	nq	97
49) Acenaphthylene	14.29	152	886582	46.077	nq	97
50) Dimethylphthalate	14.02	163	704144	42.919	nq	98
51) 2,6-Dinitrotoluene	14.13	165	159860	43.109	nq	99
52) Acenaphthene	14.63	154	545652	40.437	nq	98
53) 3-Nitroaniline	14.46	138	123593	29.350	nq	98
54) 2,4-Dinitrophenol	14.67	184	158162	83.465	nq	96
55) Dibenzofuran	14.97	168	845995	45.543	nq	97
56) 4-Nitrophenol	14.79	139	302449	93.726	nq	98
57) 2,4-Dinitrotoluene	14.93	165	229278	45.439	nq	99
58) Fluorene	15.61	166	673468	45.742	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	188860	45.697	nq	98
60) Diethylphthalate	15.39	149	726654	44.282	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	341919	42.769	nq	98
62) 4-Nitroaniline	15.63	138	167941	40.385	nq	95
63) Azobenzene	15.90	77	678175	44.563	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130687	50.603	nq	97
66) n-Nitrosodiphenylamine	15.82	169	629053	42.836	nq	98
67) 4-Bromophenyl-phenylether	16.50	248	225298	40.171	nq	99
68) Hexachlorobenzene	16.62	284	243025	40.214	nq	98
69) Atrazine	16.77	200	230616	48.312	nq	99
70) Pentachlorophenol	16.96	266	263738	79.168	nq	98
71) Phenanthrene	17.35	178	1060912	44.355	nq	98
72) Anthracene	17.44	178	1094682	46.309	nq	98
73) Carbazole	17.71	167	973224	44.571	nq	97
74) Di-n-butylphthalate	18.28	149	1213659	43.534	nq	97
75) Fluoranthene	19.36	202	1208267	44.171	nq	96
77) Benzidine	19.54	184	480078	45.982	nq	98
78) Pyrene	19.72	202	1209389	44.606	nq	97
80) Butylbenzylphthalate	20.61	149	561062	43.466	nq	95
81) Benzo(a)anthracene	21.54	228	1161384	45.092	nq	96
82) 3,3'-Dichlorobenzidine	21.45	252	327340	32.170	nq	97
83) Chrysene	21.60	228	1098362	44.881	nq	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	789468	44.326	nq	97
85) Di-n-octyl phthalate	22.63	149	1384944	46.253	nq	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1415550	42.562	nq	100
88) Benzo(b)fluoranthene	23.68	252	1227556	43.107	nq	98
89) Benzo(k)fluoranthene	23.75	252	1172734	43.307	nq	98
90) Benzo(a)pyrene	24.52	252	1125289	41.868	nq	97
91) Dibenzo(a,h)anthracene	28.25	278	1156976	42.863	nq	98
92) Benzo(g,h,i)perylene	29.28	276	1188553	44.329	nq	97

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



#1

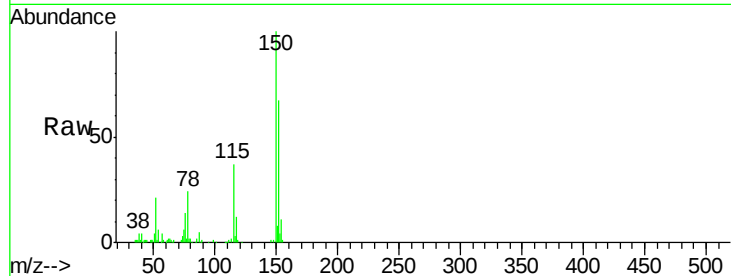
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

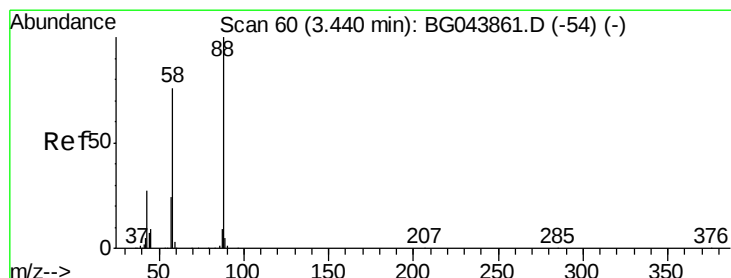
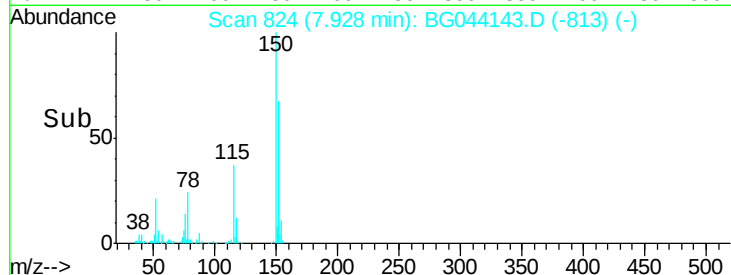
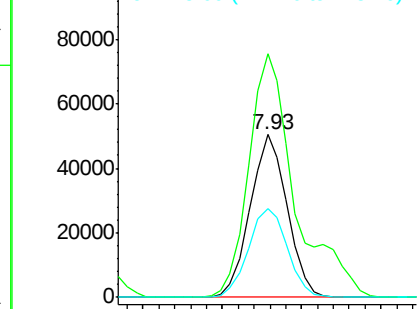
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	127.0	190.4
115	54.8	47.8	71.8

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



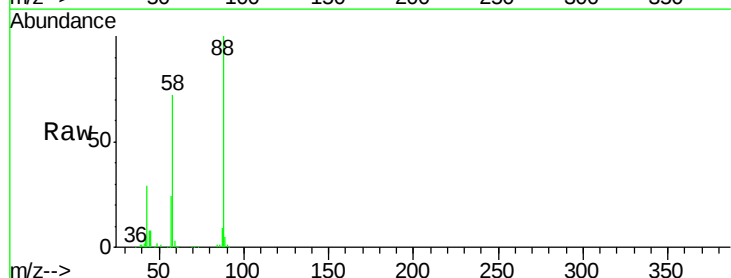
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



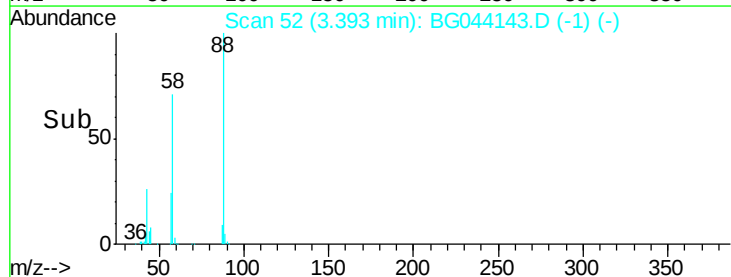
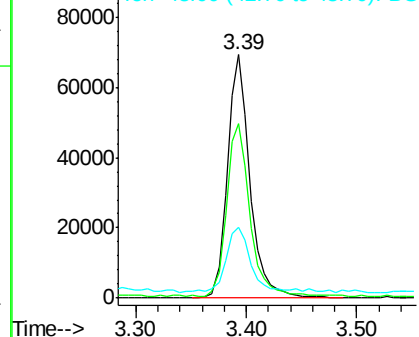
#2

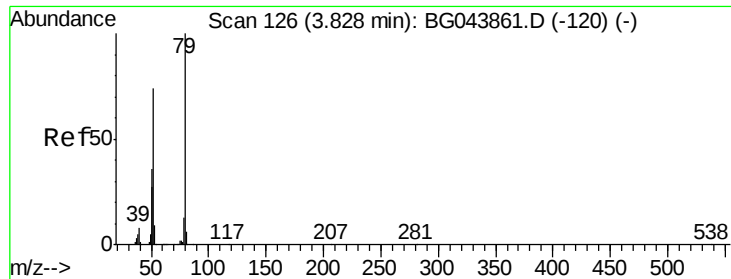
1,4-Dioxane
Concen: 51.016 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	59.8	89.8
43	29.8	22.9	34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.516 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

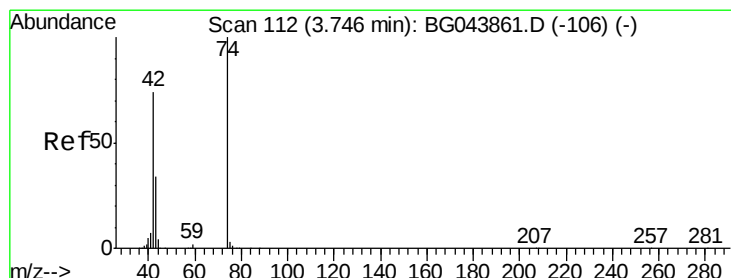
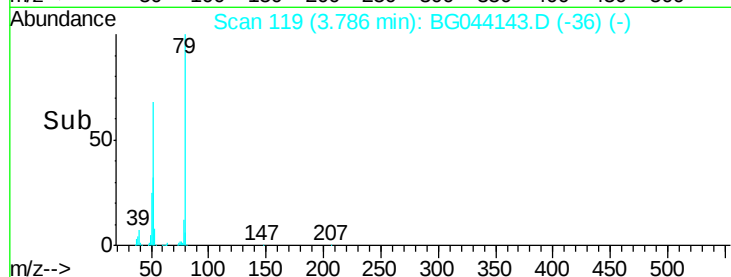
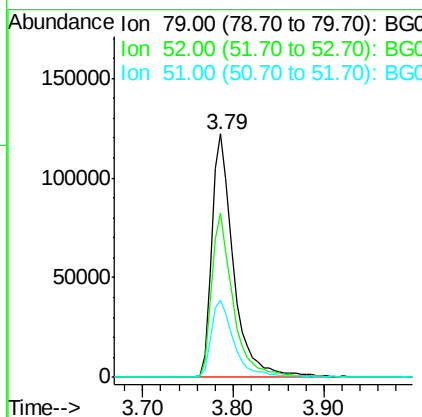
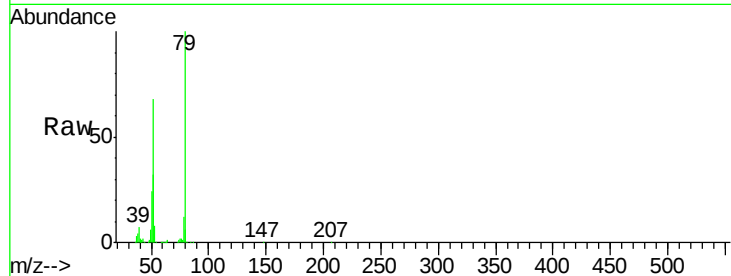
ClientSampleId :

PB126236BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		203390		
52	67.7	58.9	88.3		
51	31.8	28.6	43.0		

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#4

n-Nitrosodimethylamine

Concen: 39.357 ng

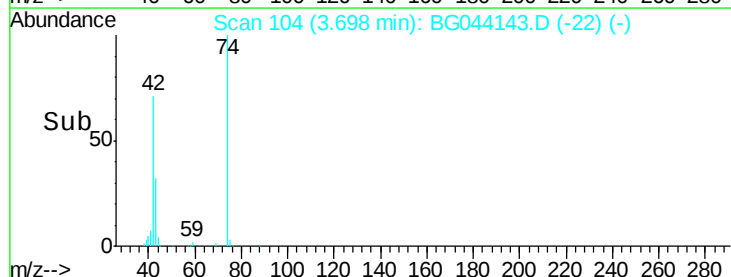
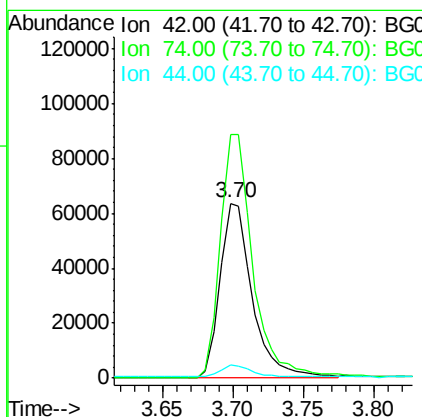
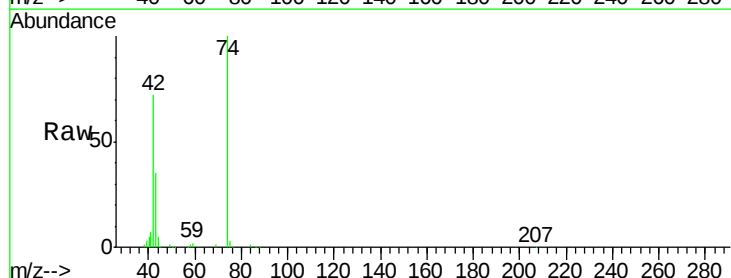
RT: 3.70 min Scan# 104

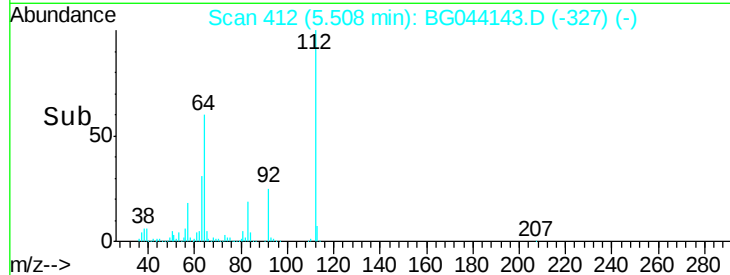
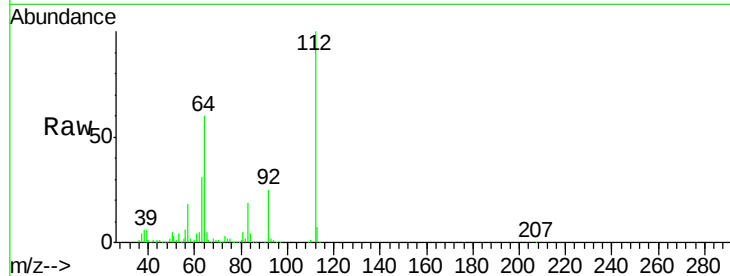
Delta R.T. -0.05 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		100348		
74	139.3	108.6	162.8		
44	7.3	5.0	7.6		





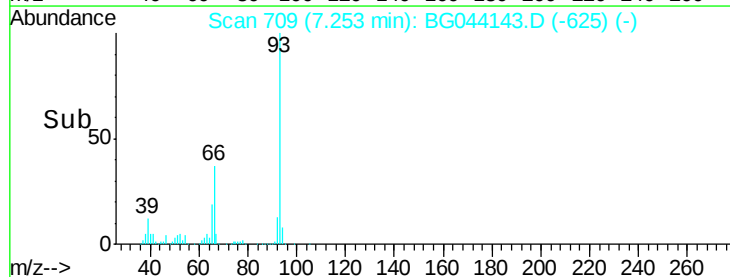
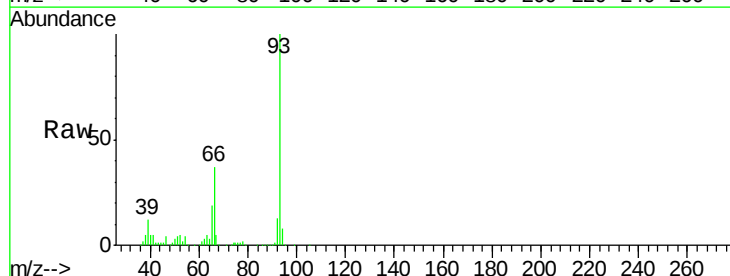
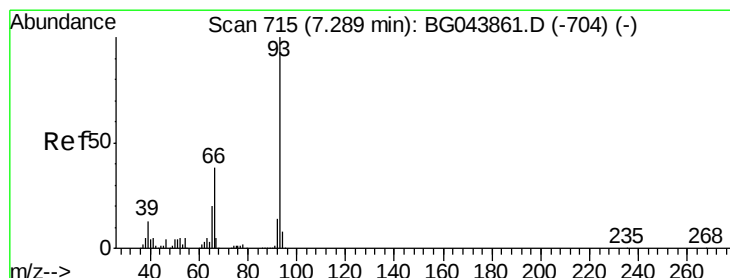
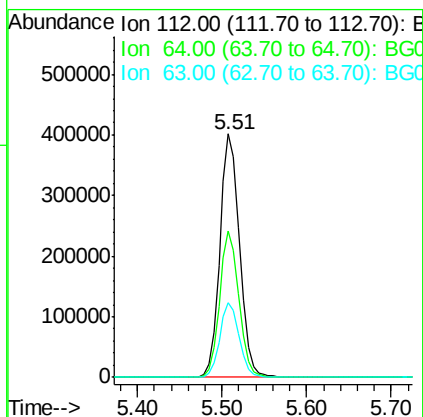
#5
2-Fluorophenol
Concen: 145.976 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tot Ion	Ratio	Resp	Lower	Upper
112	100	649009		
64	60.2		47.8	71.6
63	30.9		24.3	36.5

Instrument :
BNA_G
ClientSampleId :
PB126236BS

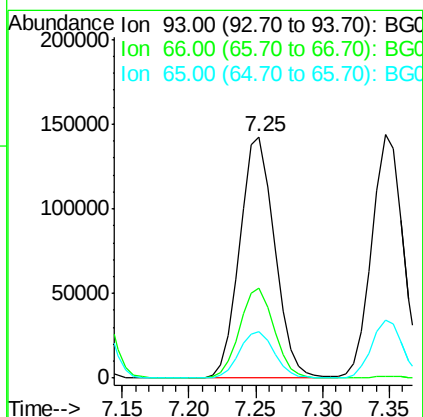
Manual Integrations
APPROVED

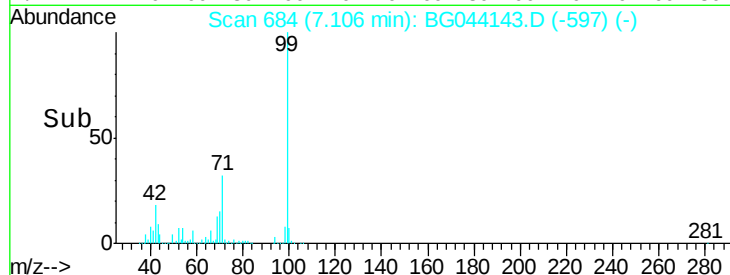
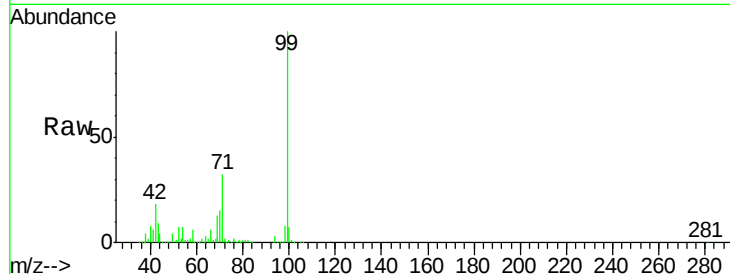
mohammad
1/23/2020 7:58:25 AM



#6
Aniline
Concen: 31.644 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	258307		
66	37.2		30.8	46.2
65	19.2		16.0	24.0





#7

Phenol-d6

Concen: 140.187 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		871222		
42	17.6	14.9	22.3		
71	32.2	26.4	39.6		

Instrument :

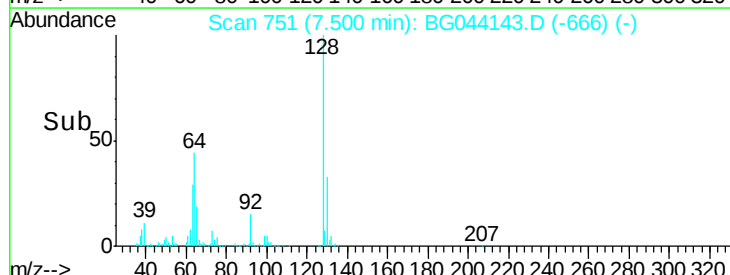
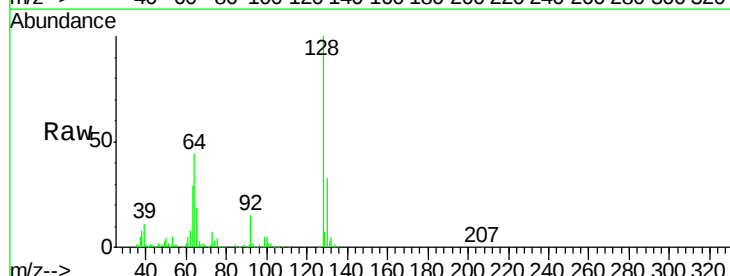
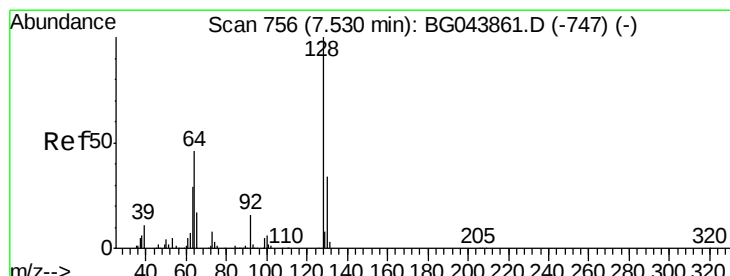
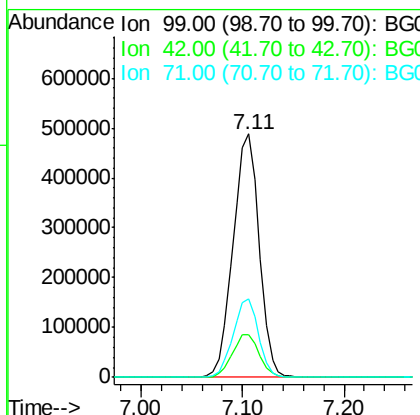
BNA_G

ClientSampleId :

PB126236BS

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#8

2-Chlorophenol

Concen: 48.203 ng

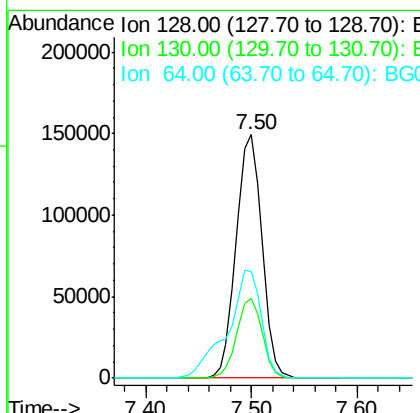
RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		251596		
130	32.7	13.8	53.8		
64	43.8	27.6	67.6		





#9

Benzaldehyde

Concen: 32.051 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

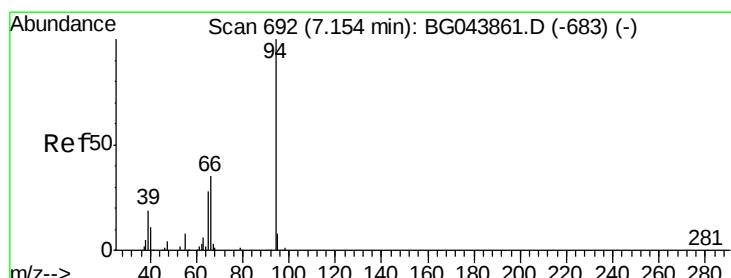
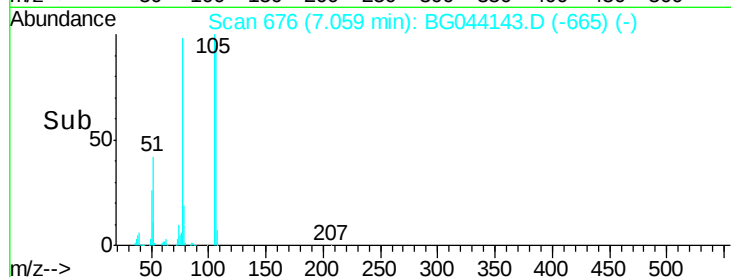
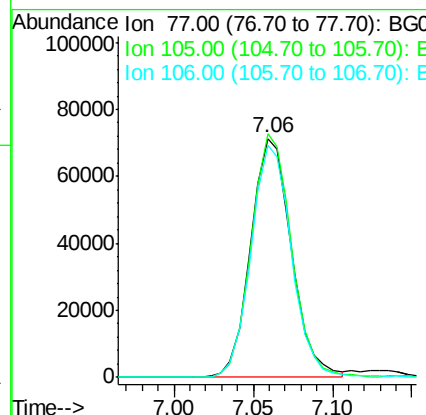
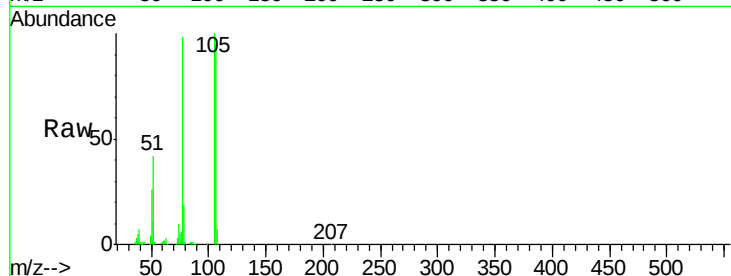
ClientSampleID :

PB126236BS

Tot Ion:	77	Resp:	127485
Ion	Ratio	Lower	Upper
77	100		
105	101.8	80.2	120.2
106	97.2	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#10

Phenol

Concen: 48.713 ng

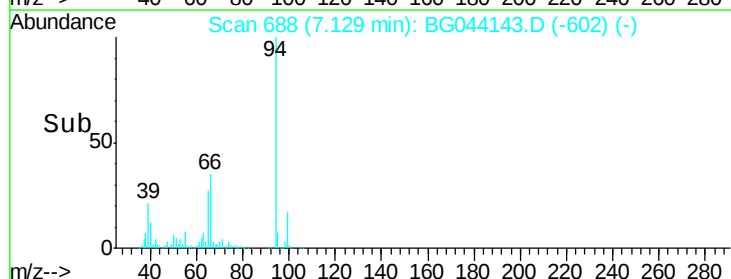
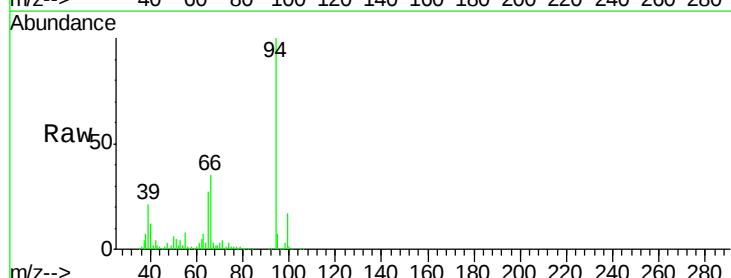
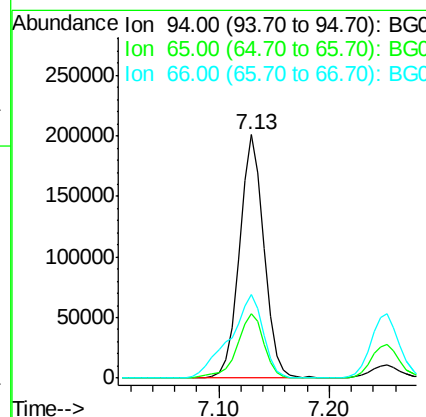
RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	94	Resp:	311913
Ion	Ratio	Lower	Upper
94	100		
65	26.6	8.1	48.1
66	34.5	15.6	55.6





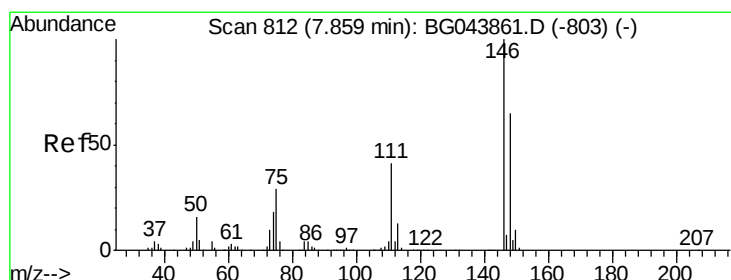
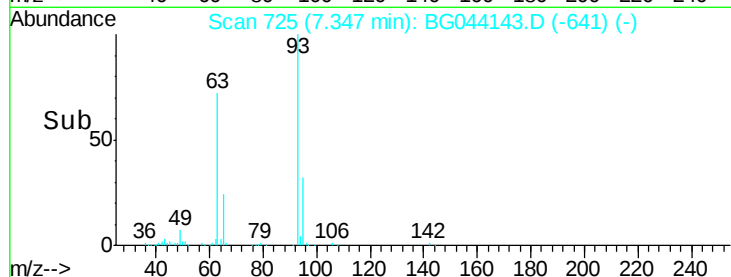
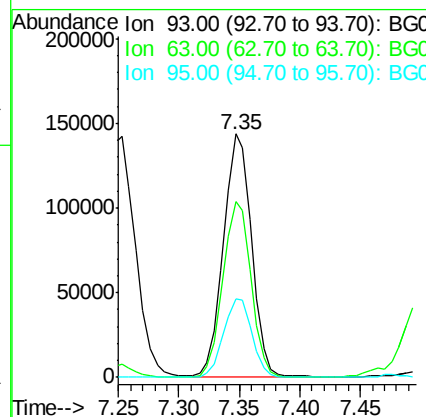
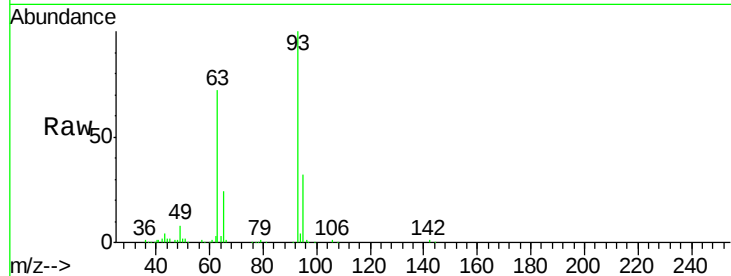
#11
bis(2-Chloroethyl)ether
Concen: 41.932 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	231765		
63	72.3		55.0	95.0
95	32.1		13.3	53.3

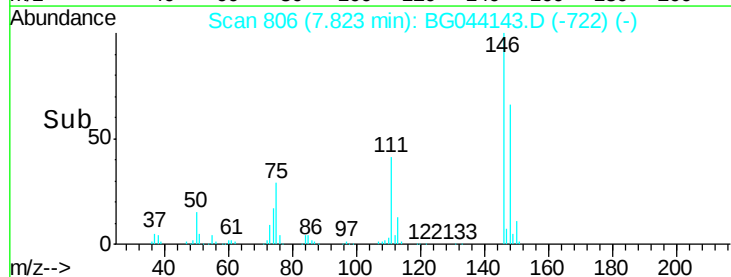
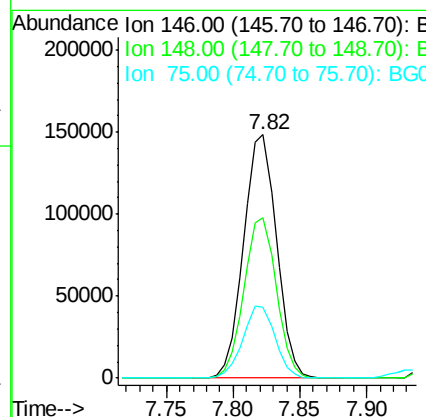
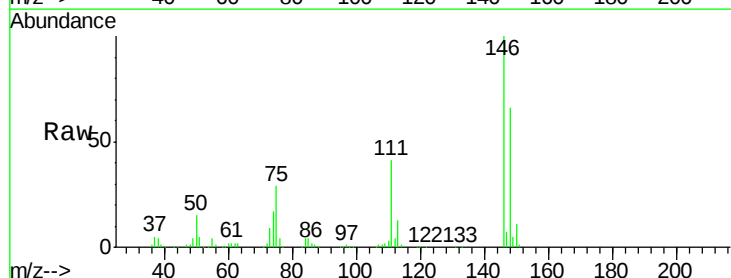
Manual Integrations
APPROVED

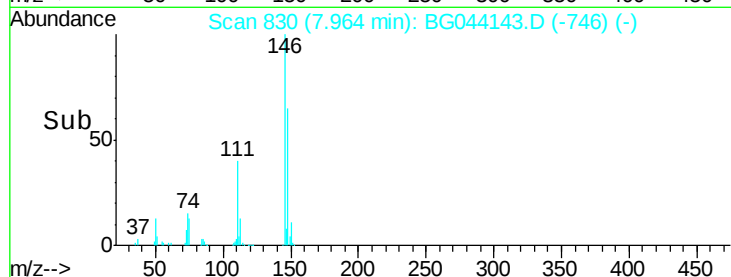
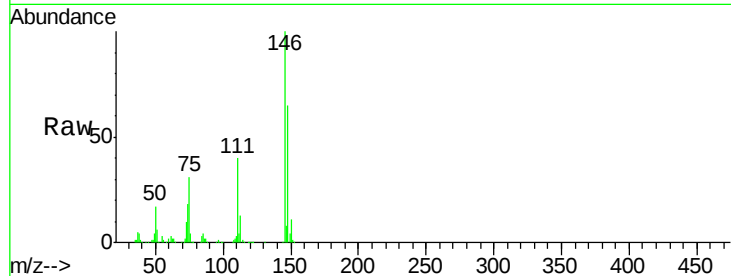
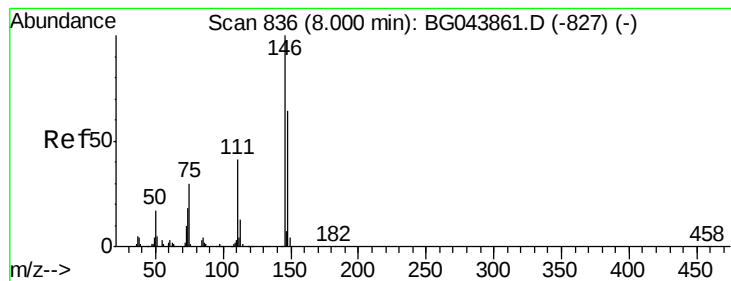
mohammad
1/23/2020 7:58:25 AM



#12
1,3-Dichlorobenzene
Concen: 41.508 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253525		
148	65.7		52.1	78.1
75	29.2		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 42.173 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tot Ion:	146	Resp:	254156
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.2	76.8
111	40.3	33.1	49.7

Instrument :

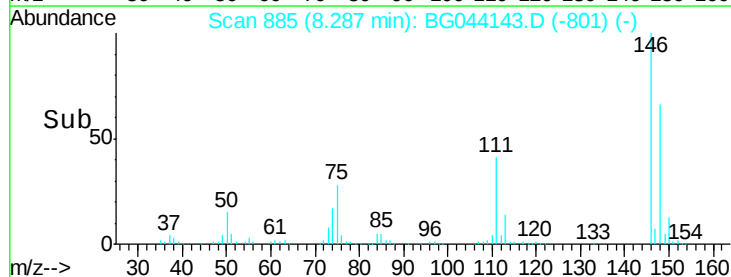
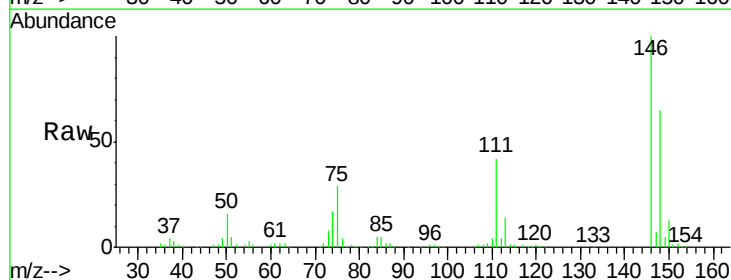
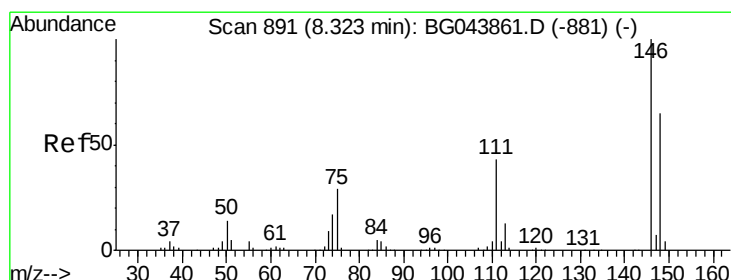
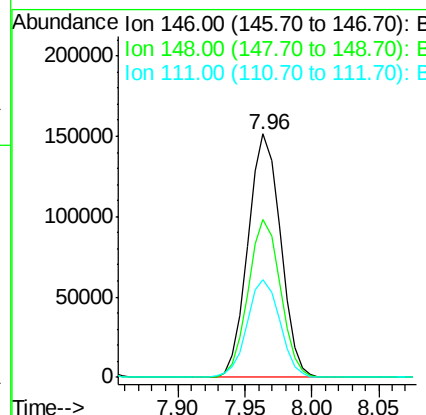
BNA_G

ClientSampleId :

PB126236BS

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#14

1,2-Dichlorobenzene

Concen: 41.980 ng

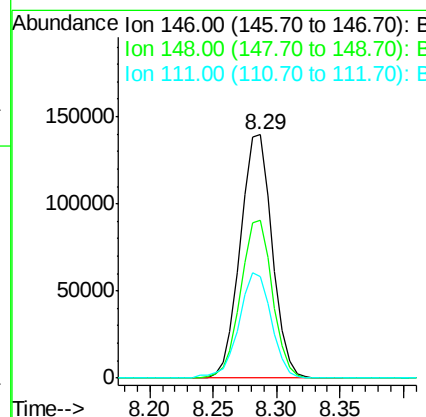
RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	146	Resp:	242837
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.7	77.5
111	41.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.626 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

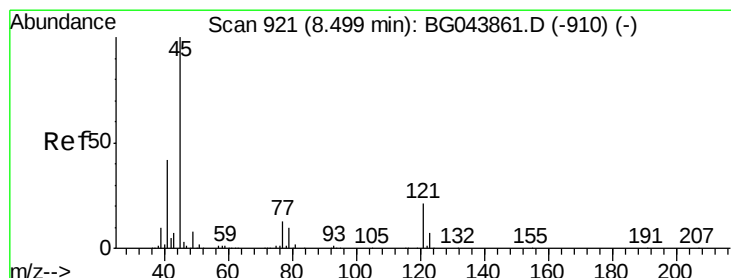
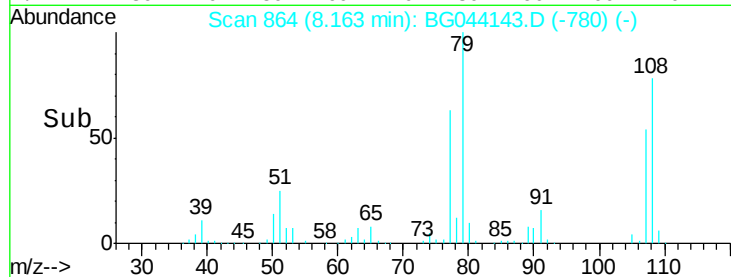
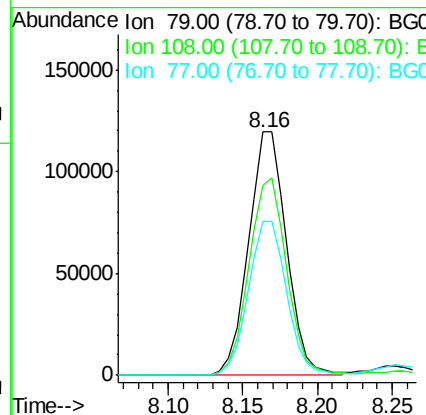
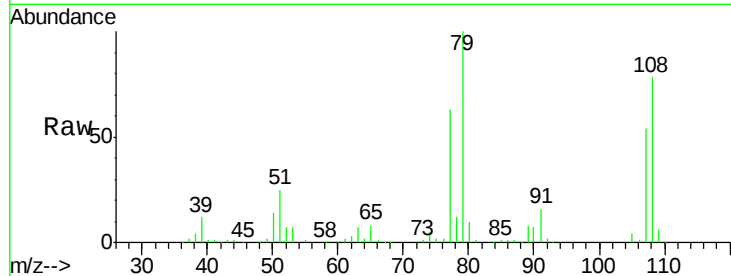
ClientSampleId :

PB126236BS

Tot Ion:	79	Resp:	209074
Ion Ratio	Lower	Upper	
79	100		
108	77.9	65.6	98.4
77	63.4	52.0	78.0

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.795 ng

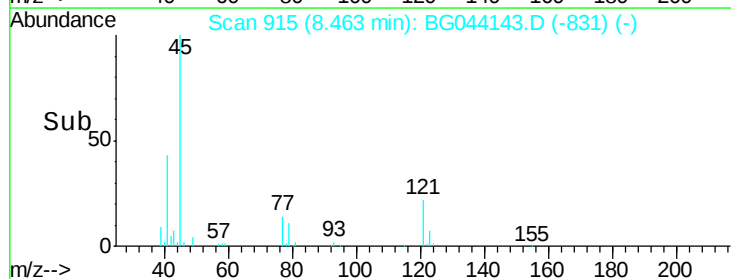
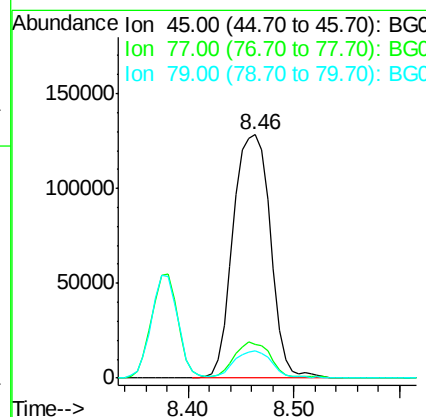
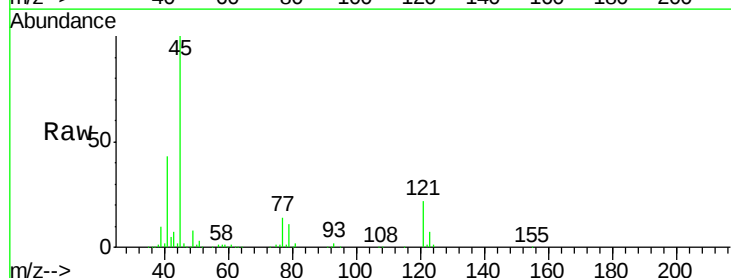
RT: 8.46 min Scan# 915

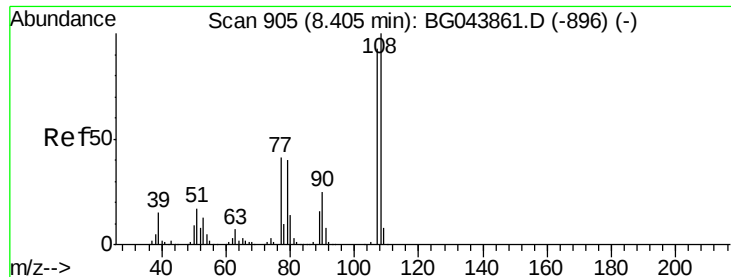
Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	45	Resp:	314640
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.8
79	11.3	0.0	31.0





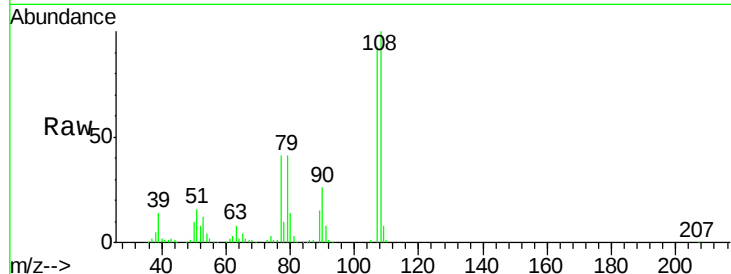
#17
2-Methylphenol
Concen: 46.838 ng
RT: 8.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	217032		
108	108.1	86.1	129.1	
77	43.8	35.4	53.0	
79	43.8	34.8	52.2	

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



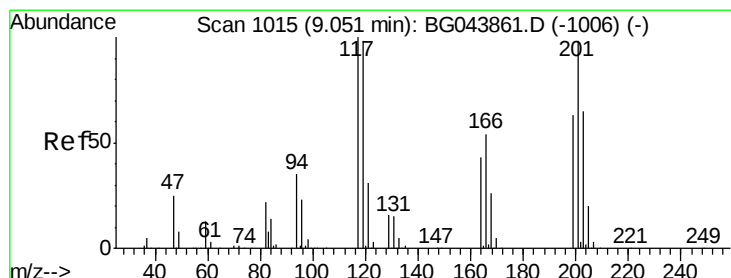
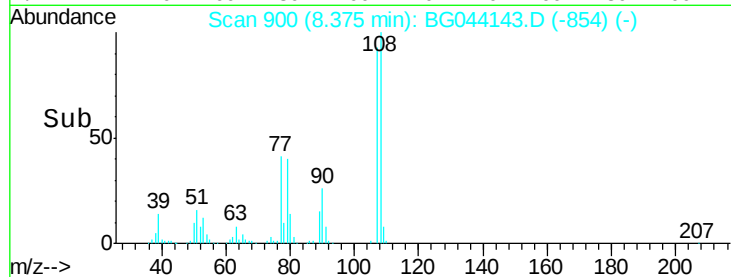
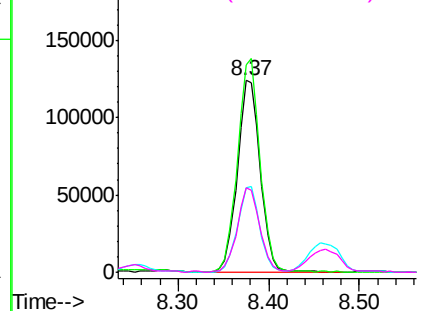
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.834 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

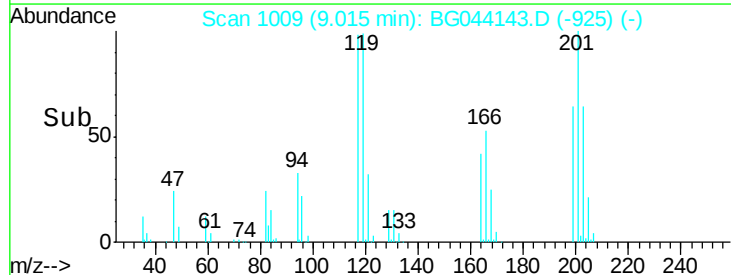
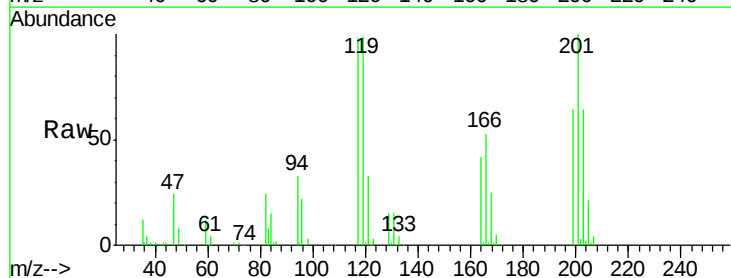
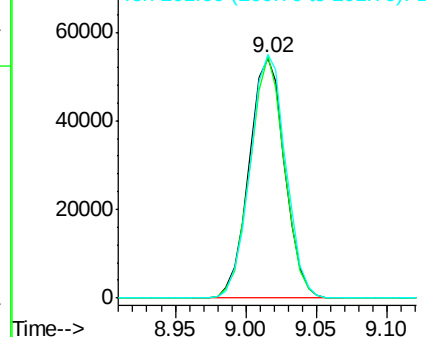
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95755		
119	100.9	78.1	117.1	
201	101.5	78.6	117.8	

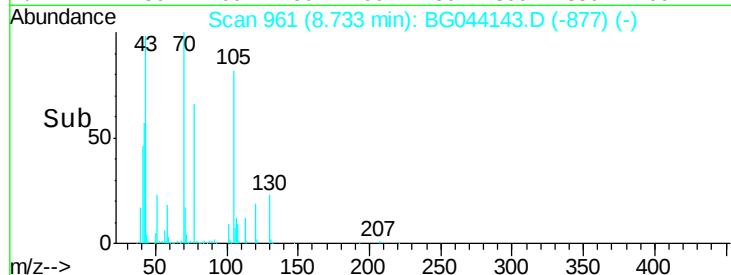
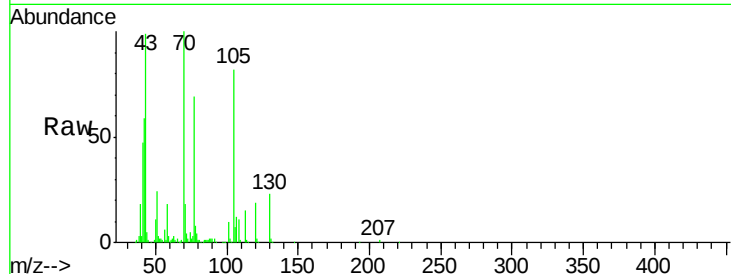
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





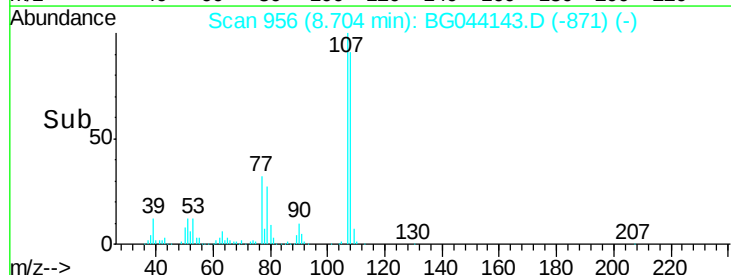
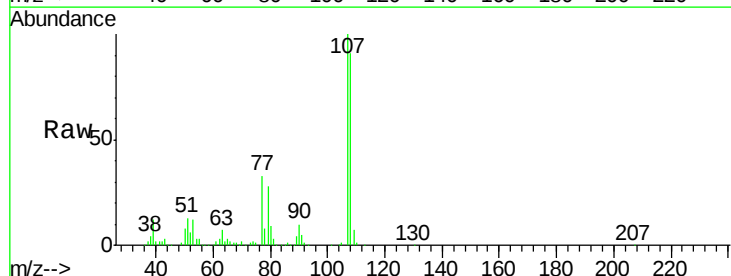
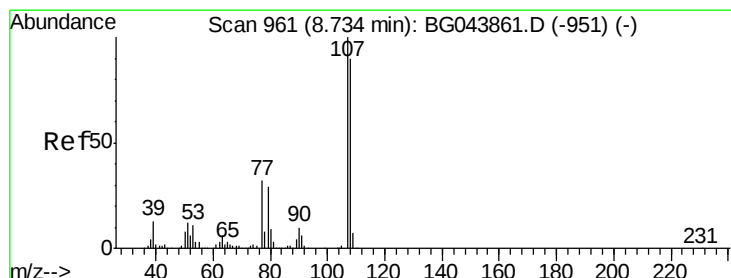
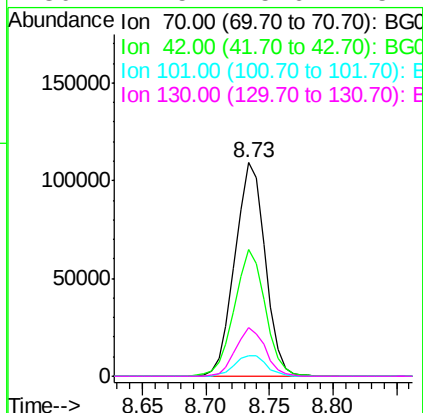
#19
n-Nitroso-di-n-propylamine
Concen: 39.084 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Manual Integrations
APPROVED

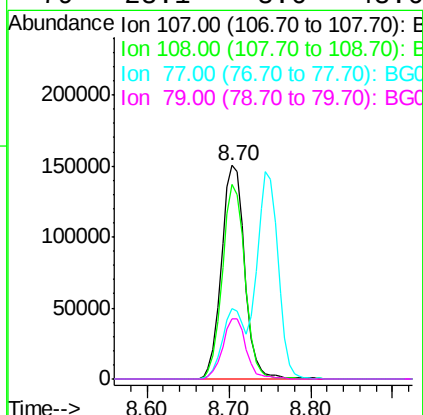
mohammad
1/23/2020 7:58:25 AM

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	47.0	70.4	
101	9.6	7.2	10.8	
130	22.5	15.6	23.4	



#20
3+4-Methylphenols
Concen: 46.078 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	70.3	110.3	
77	32.8	12.4	52.4	
79	28.1	8.6	48.6	





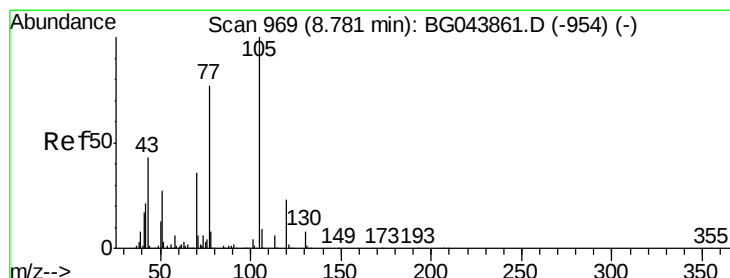
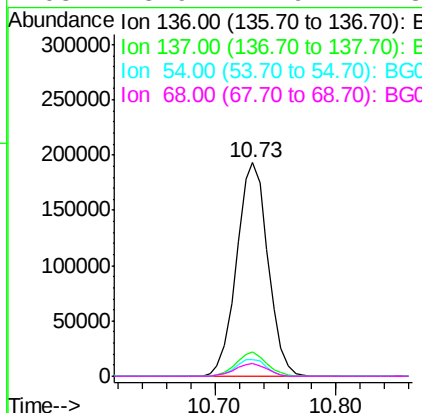
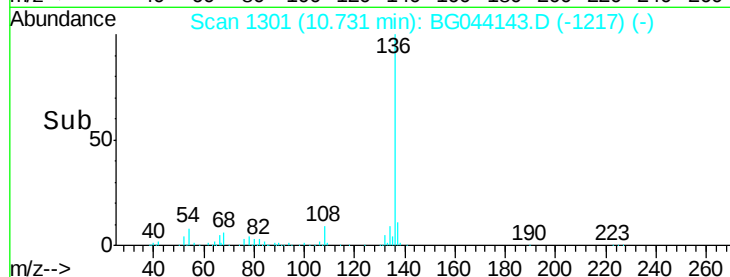
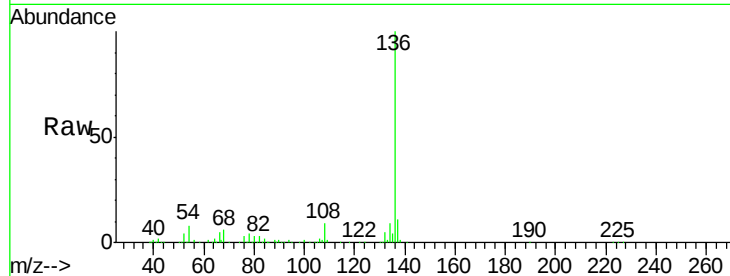
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	7.6	7.0	10.4	
68	5.9	4.9	7.3	

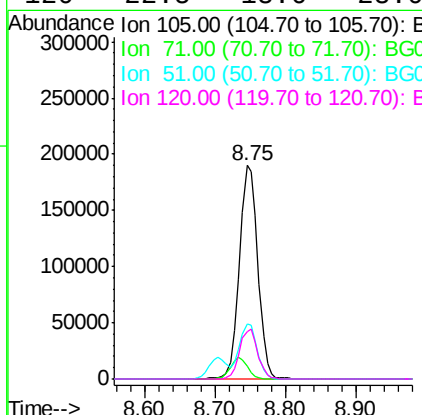
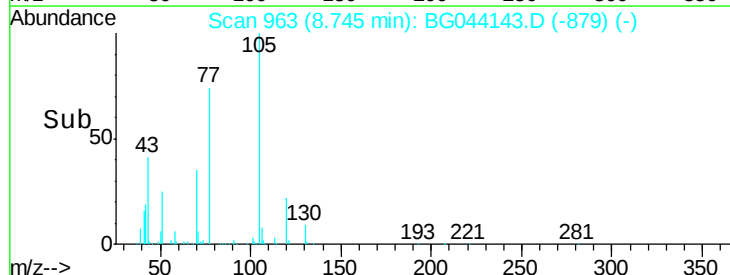
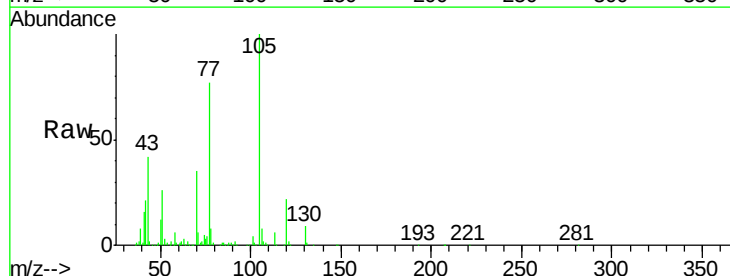
Manual Integrations
APPROVED

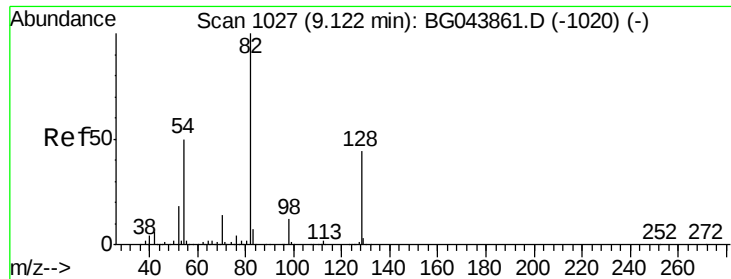
mohammad
1/23/2020 7:58:25 AM



#22
Acetophenone
Concen: 39.667 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	4.8	7.2	
51	25.6	21.4	32.0	
120	22.5	18.6	28.0	





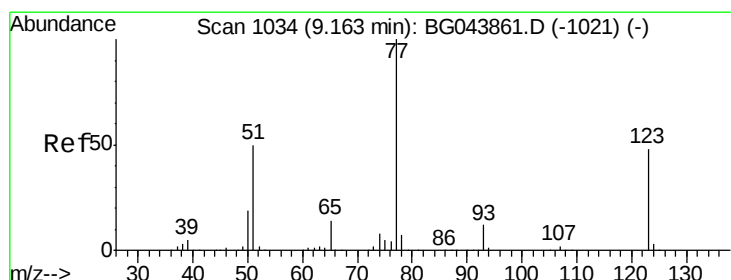
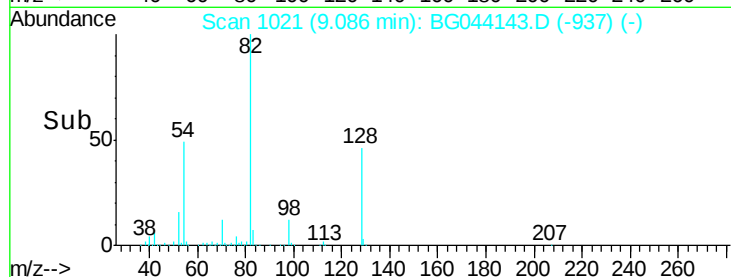
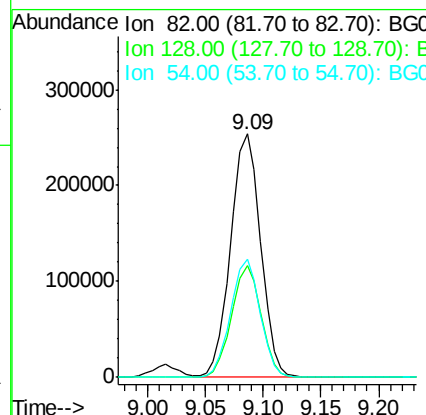
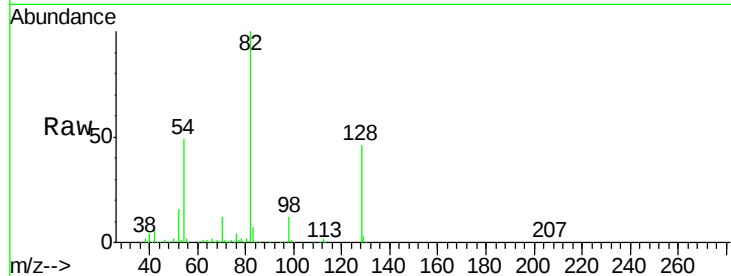
#23
Nitrobenzene-d5
Concen: 70.288 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	48.6	40.1	60.1

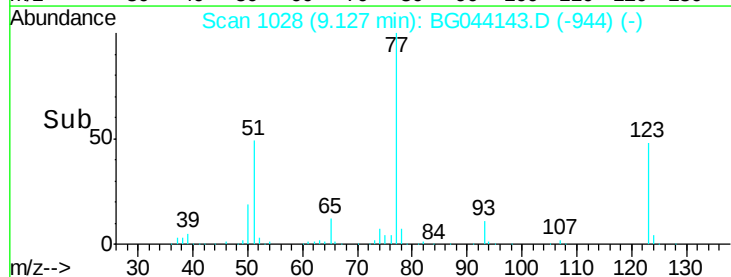
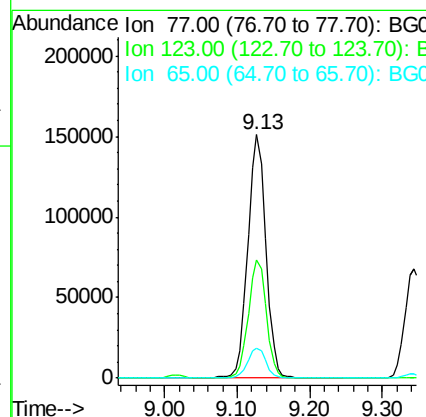
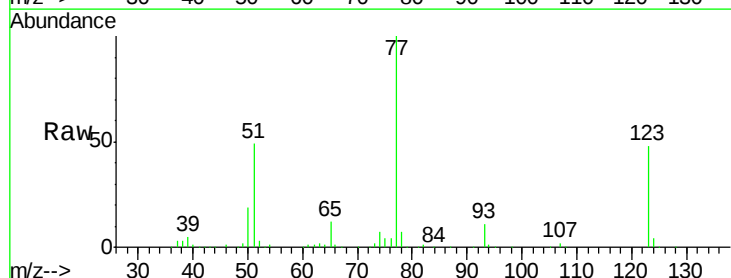
Manual Integrations
APPROVED

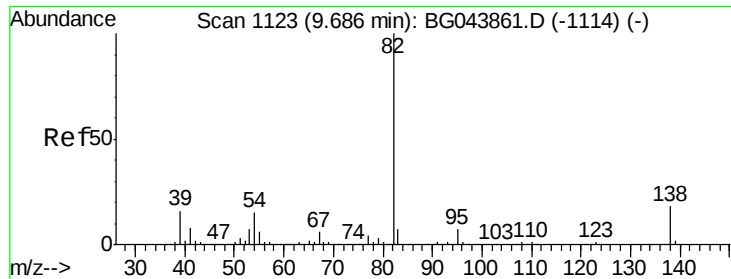
mohammad
1/23/2020 7:58:25 AM



#24
Nitrobenzene
Concen: 40.655 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 40.853 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

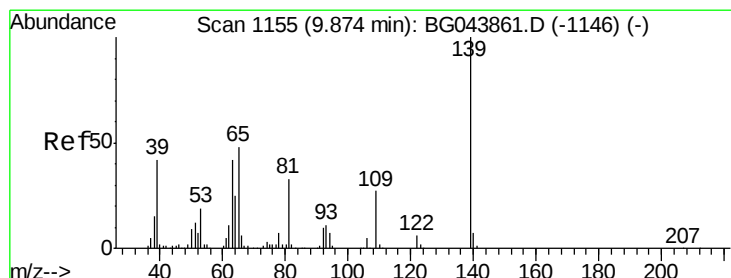
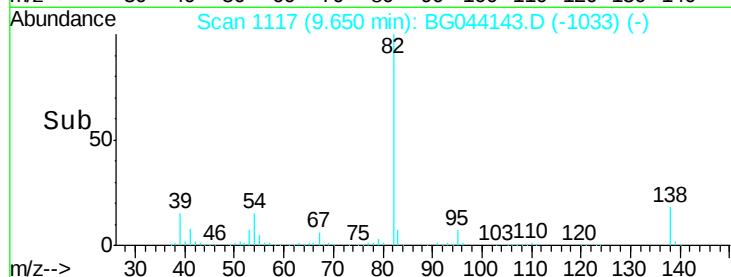
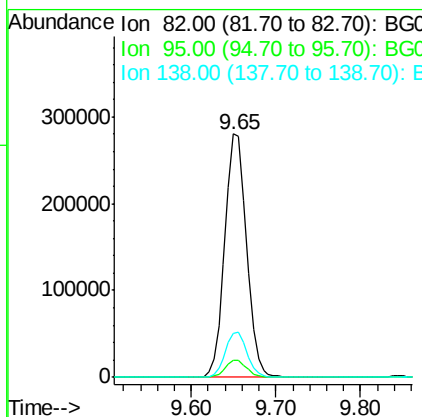
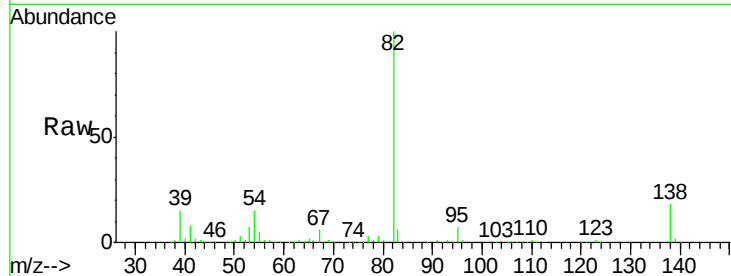
ClientSampleId :

PB126236BS

Tot Ion:	82	Resp:	499141
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	18.2	14.6	22.0

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#26

2-Nitrophenol

Concen: 46.399 ng

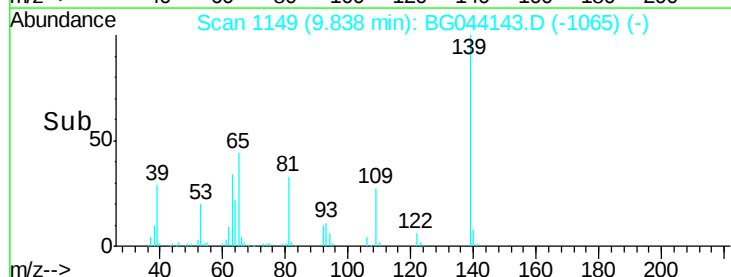
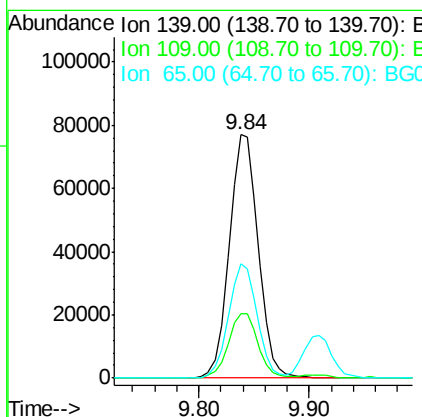
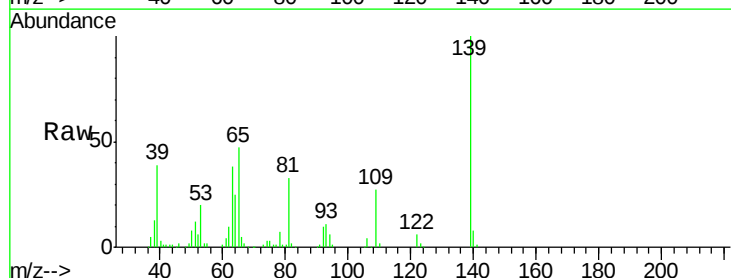
RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	139	Resp:	141592
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.3	31.9
65	47.0	38.6	57.8





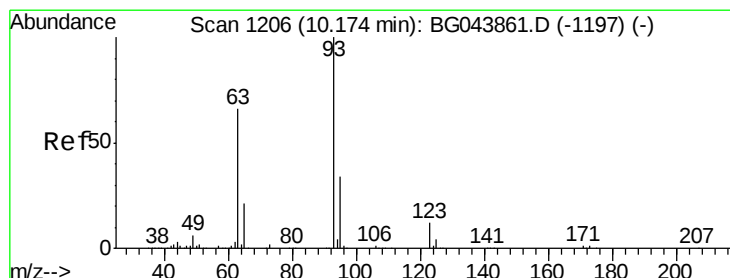
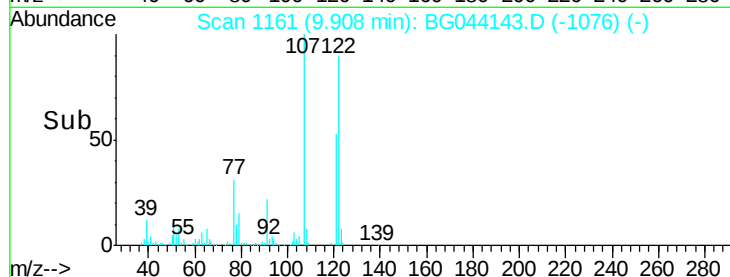
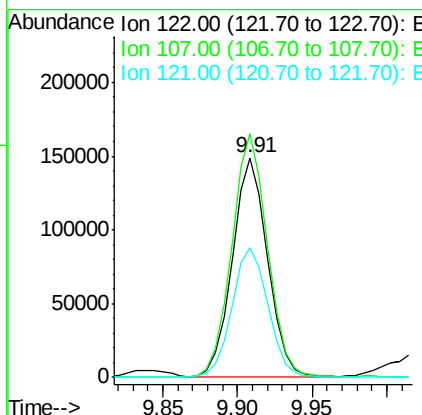
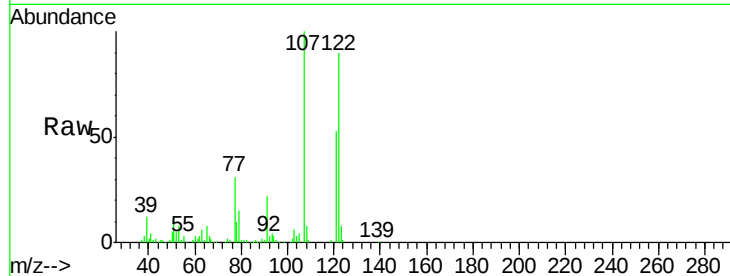
#27
 2,4-Dimethylphenol
 Concen: 52.769 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	242399		
107	110.7	88.0	132.0	
121	59.1	49.0	73.4	

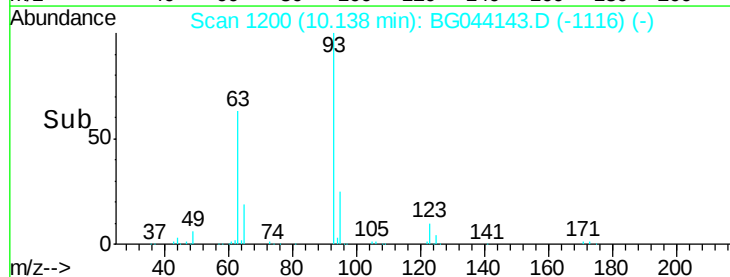
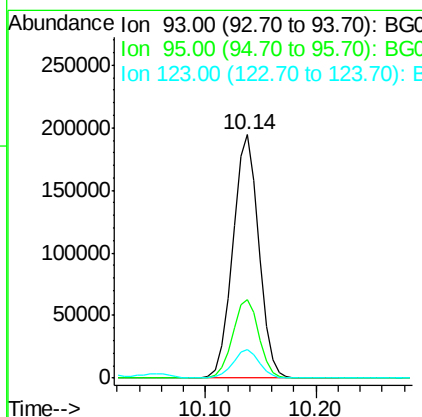
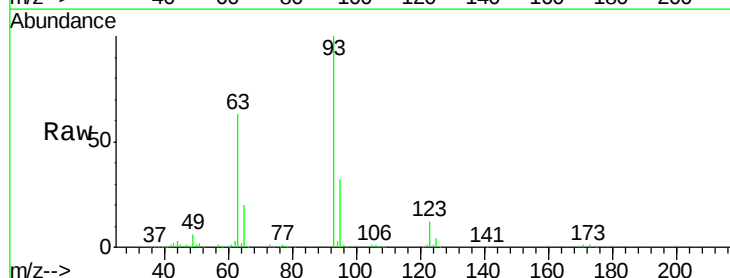
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.356 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	320573		
95	32.4	27.2	40.8	
123	11.9	9.7	14.5	





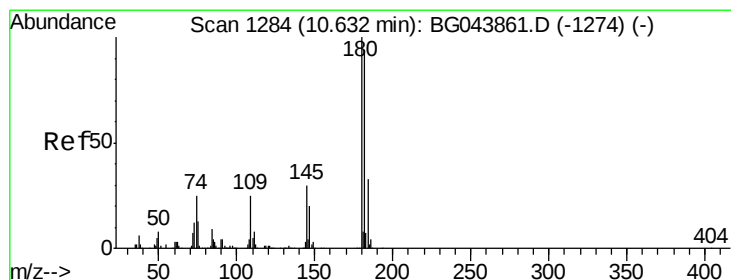
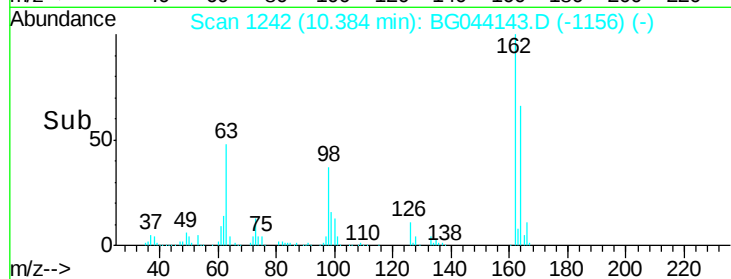
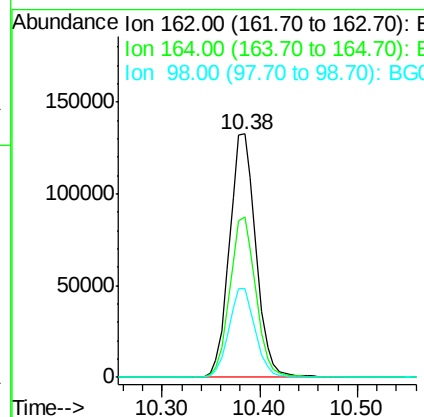
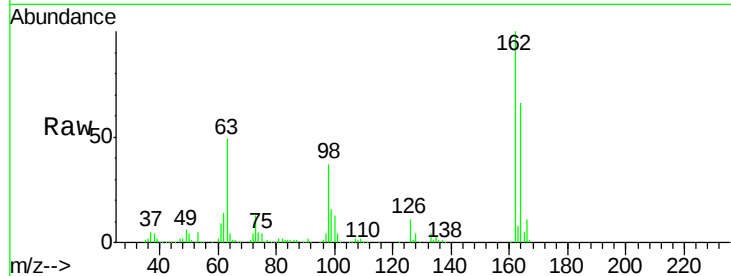
#29
 2,4-Dichlorophenol
 Concen: 45.556 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion:	162	Resp:	249617
Ion Ratio		Lower	Upper
162	100		
164	65.9	46.3	86.3
98	36.6	17.3	57.3

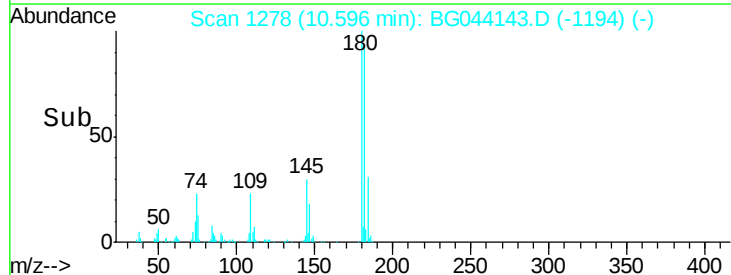
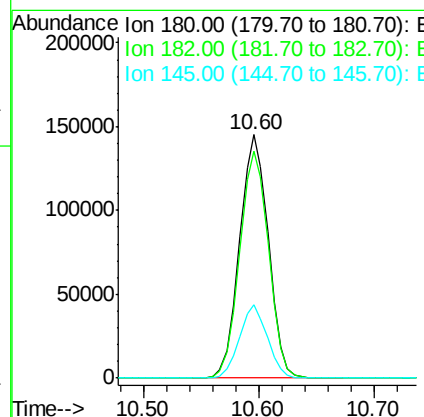
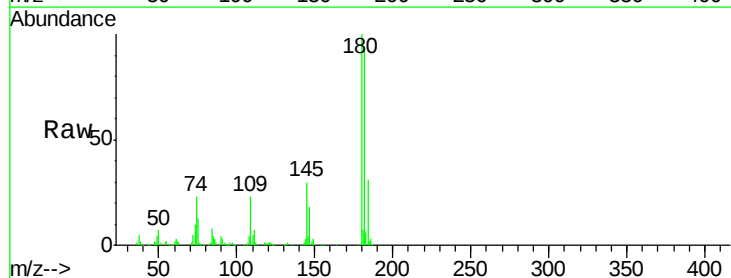
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.556 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion:	180	Resp:	249165
Ion Ratio		Lower	Upper
180	100		
182	93.3	75.0	112.4
145	30.1	24.2	36.4





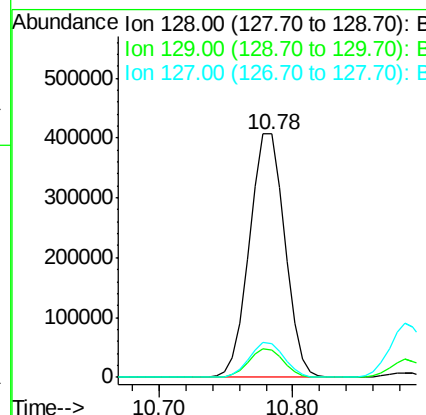
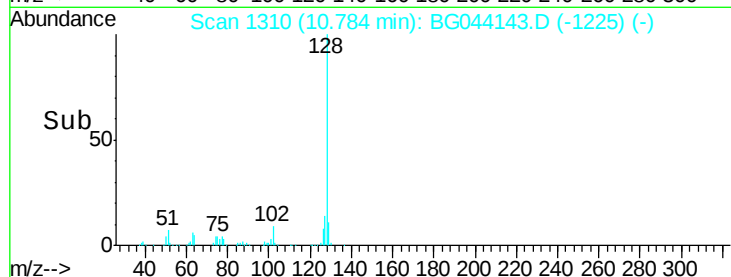
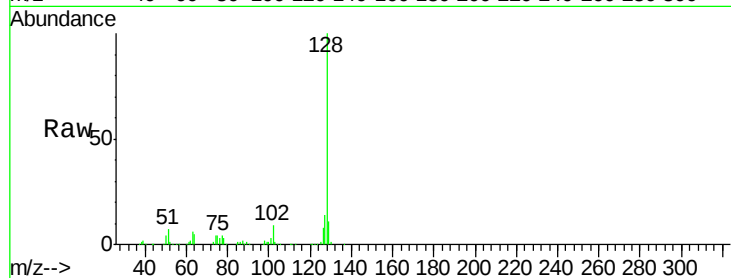
#31
Naphthalene
Concen: 44.171 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampled :
PB126236BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	14.0	12.0	18.0

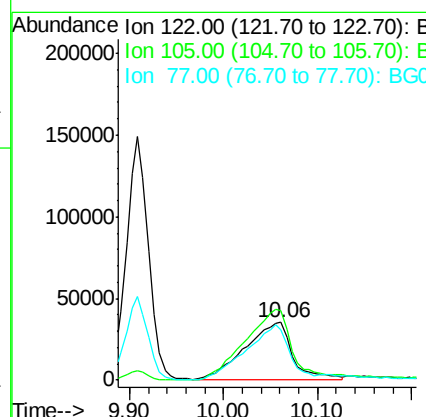
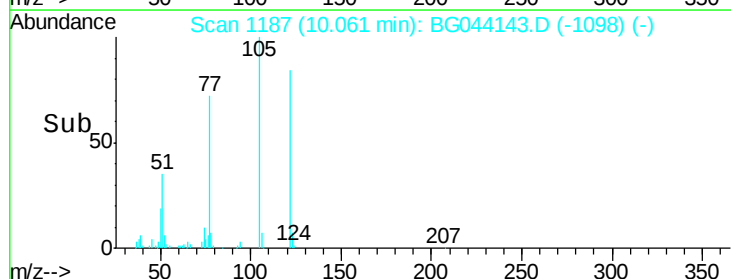
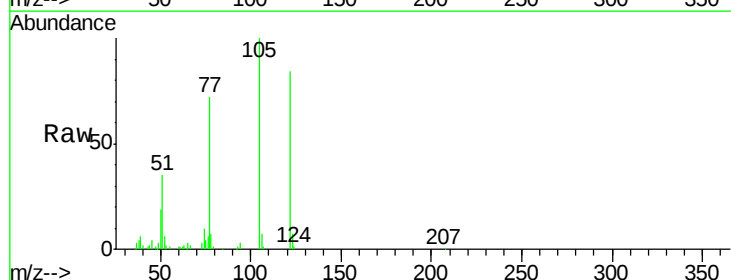
Manual Integrations
APPROVED

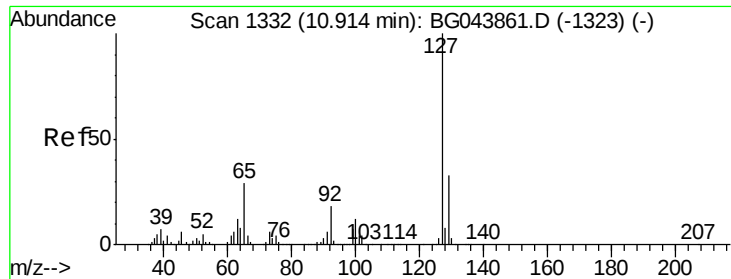
mohammad
1/23/2020 7:58:25 AM



#32
Benzoic acid
Concen: 34.122 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	106.4	146.4
77	86.2	74.6	114.6





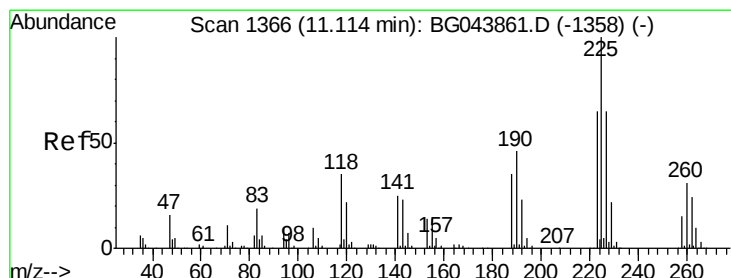
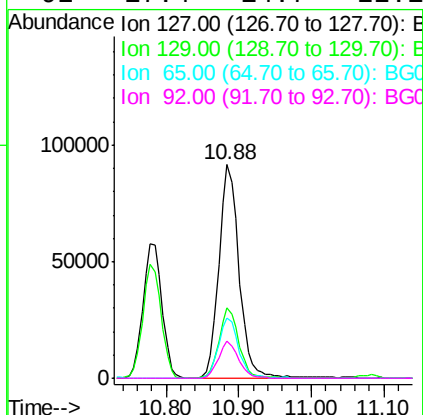
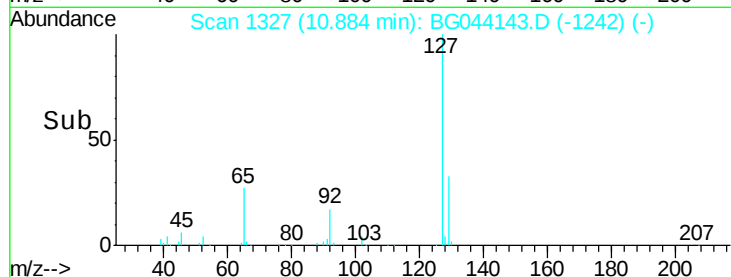
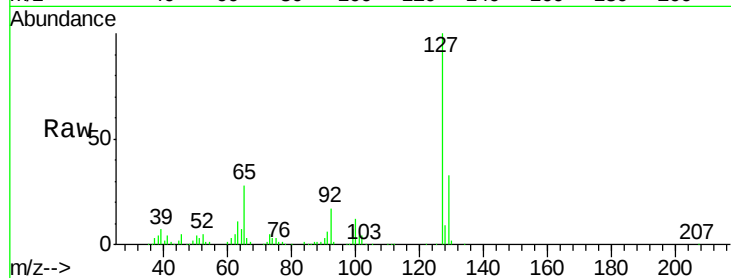
#33
4-Chloroaniline
Concen: 22.209 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	40.0		
65	28.1	23.3	34.9		
92	17.4	14.7	22.1		

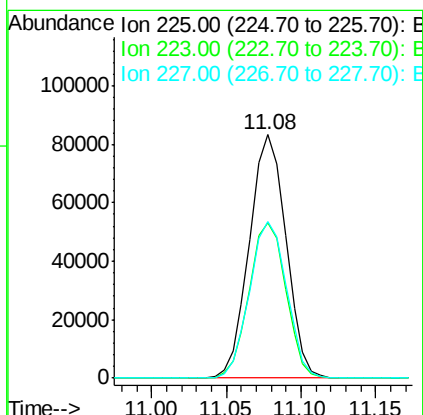
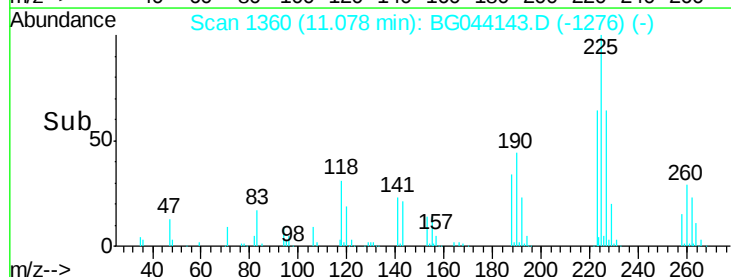
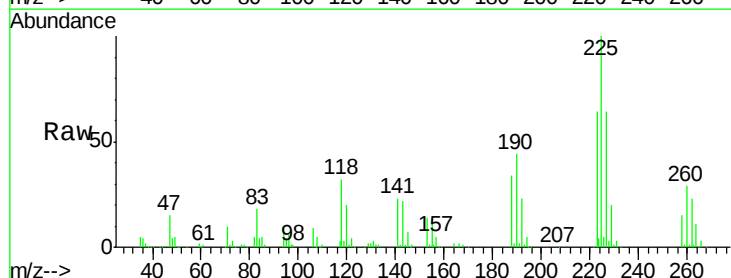
Manual Integrations
APPROVED

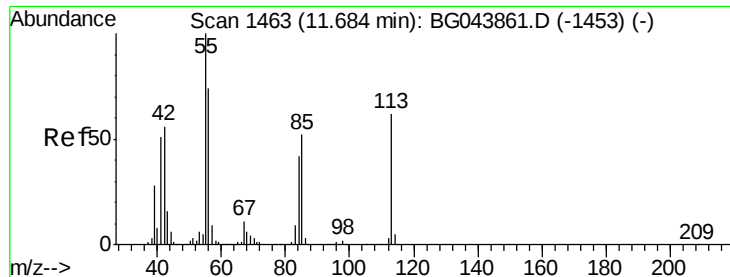
mohammad
1/23/2020 7:58:25 AM



#34
Hexachlorobutadiene
Concen: 37.633 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	52.2	78.4		
227	64.1	52.1	78.1		





#35

Caprolactam

Concen: 45.352 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

ClientSampleID :

PB126236BS

Tot Ion: 113 Resp: 92508

Ion Ratio Lower Upper

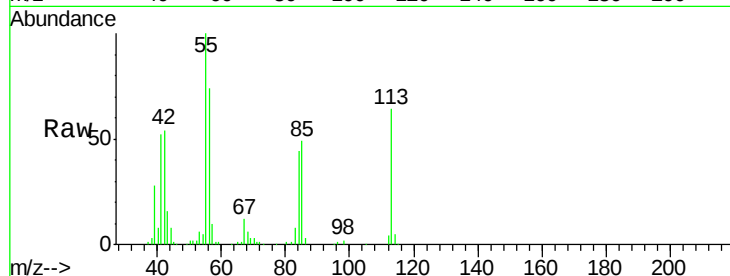
113 100

55 155.5 142.5 182.5

56 115.7 101.4 141.4

Manual Integrations
APPROVED

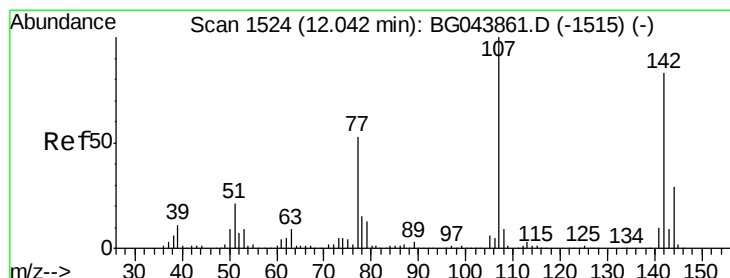
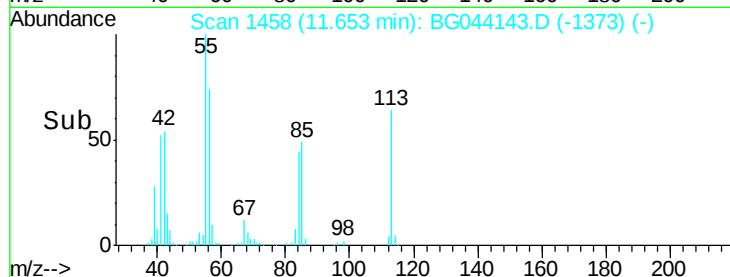
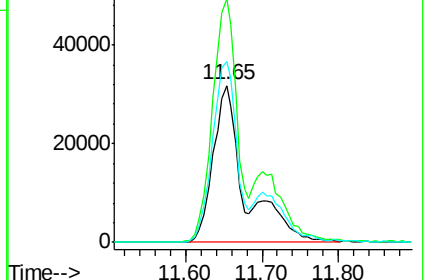
mohammad
1/23/2020 7:58:25 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.288 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

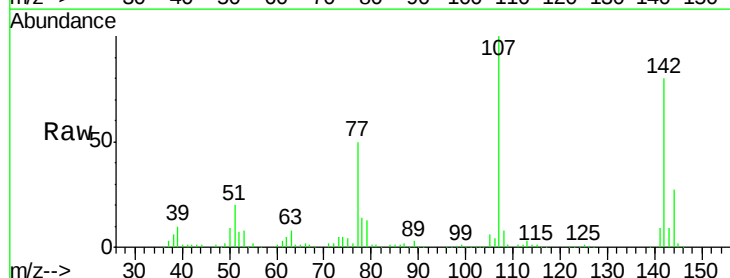
Tgt Ion: 107 Resp: 275839

Ion Ratio Lower Upper

107 100

144 26.8 23.4 35.2

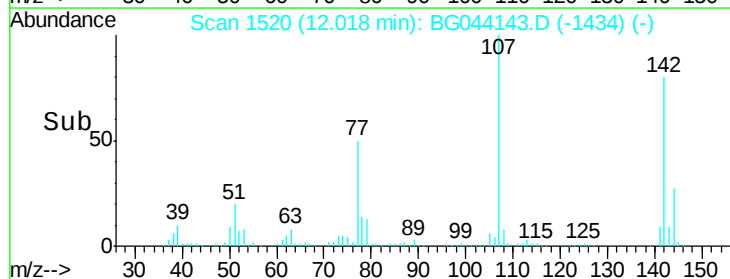
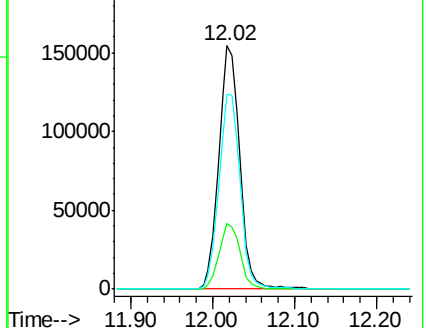
142 80.1 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





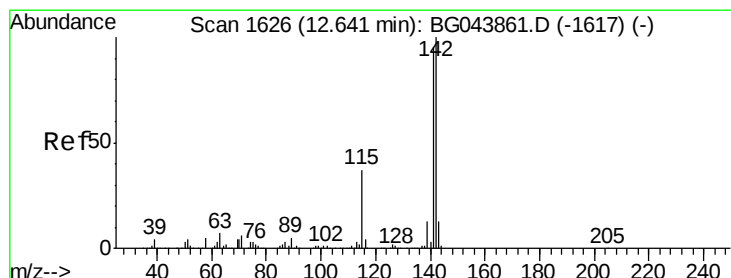
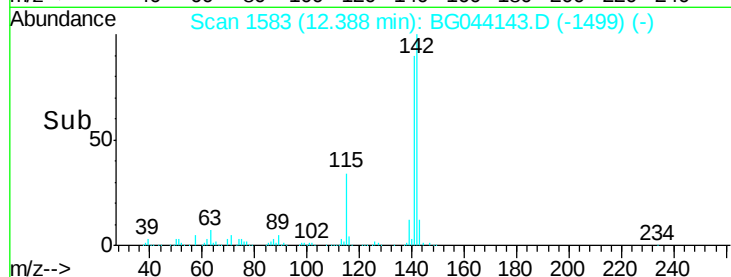
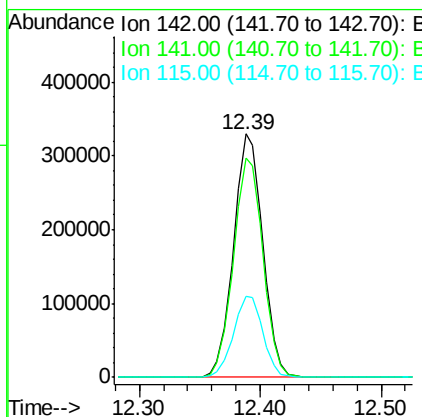
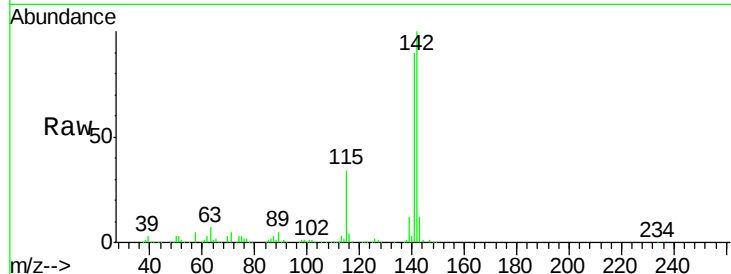
#37
 2-Methylnaphthalene
 Concen: 43.775 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.8	113.8
115	33.5	28.6	42.8

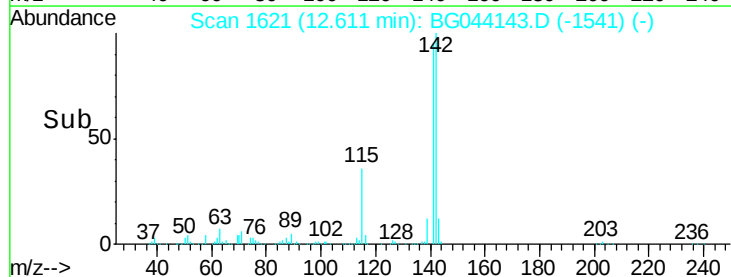
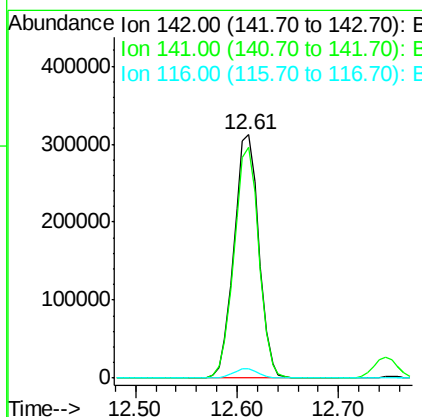
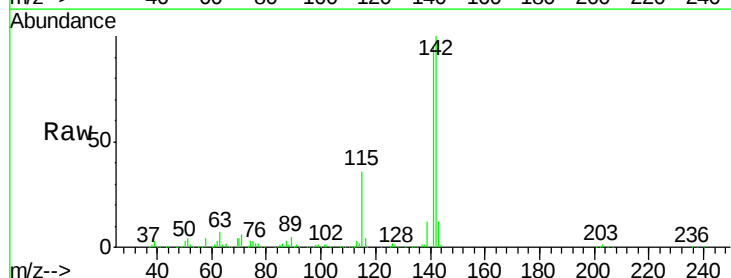
Manual Integrations
 APPROVED

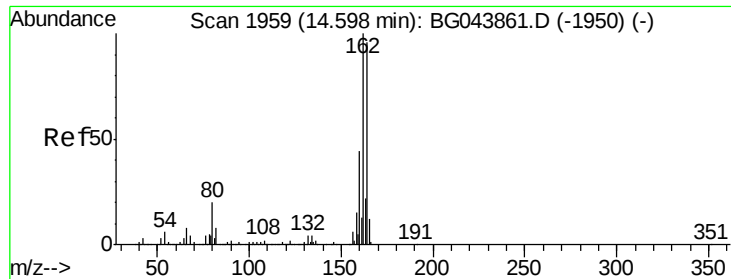
mohammad
 1/23/2020 7:58:25 AM



#38
 1-Methylnaphthalene
 Concen: 44.040 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.0	114.0
116	3.6	3.1	4.7





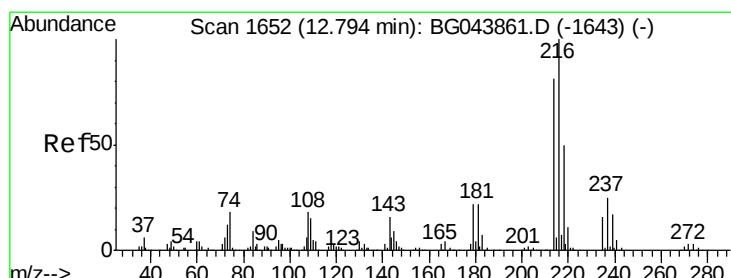
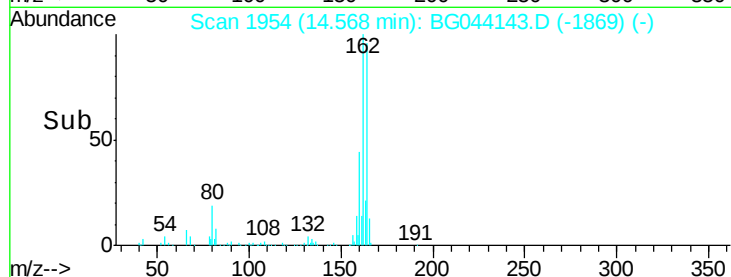
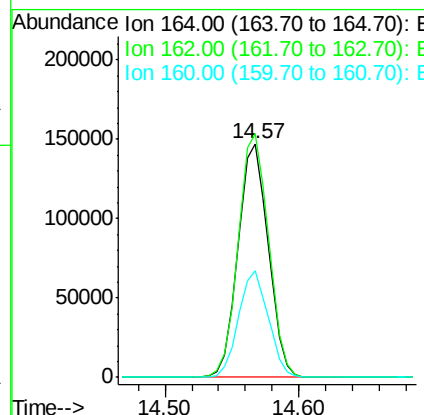
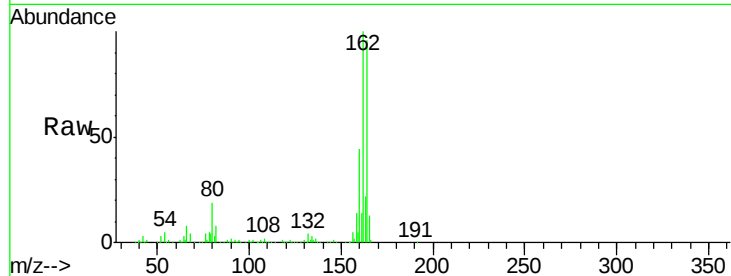
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.4	
160	45.9	36.1	54.1	

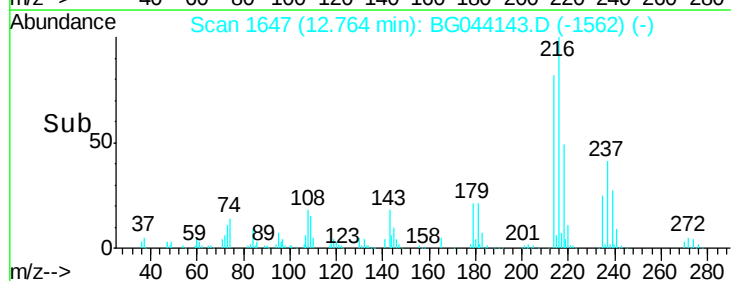
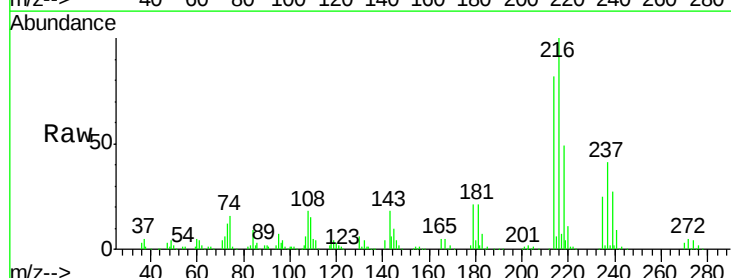
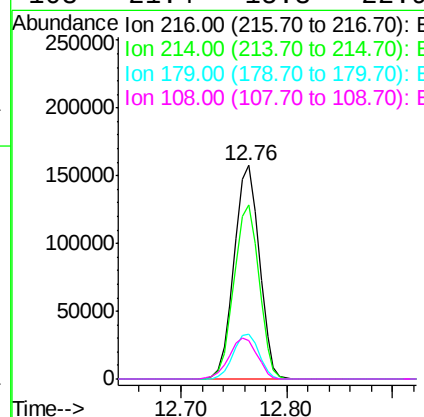
Manual Integrations
APPROVED

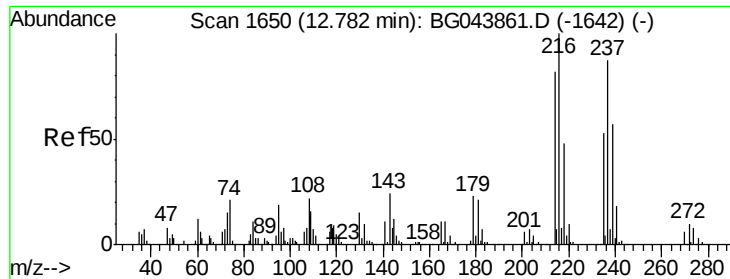
mohammad
1/23/2020 7:58:25 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.262 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	81.0	63.8	95.8	
179	21.4	17.3	25.9	
108	21.4	15.3	22.9	





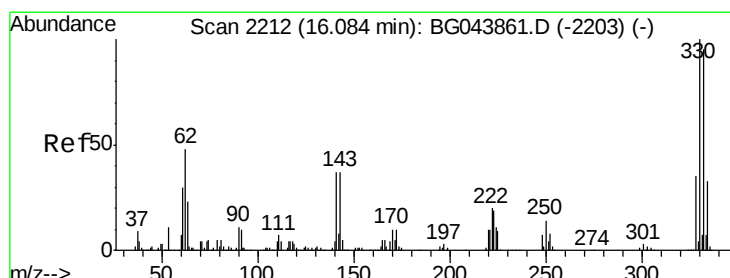
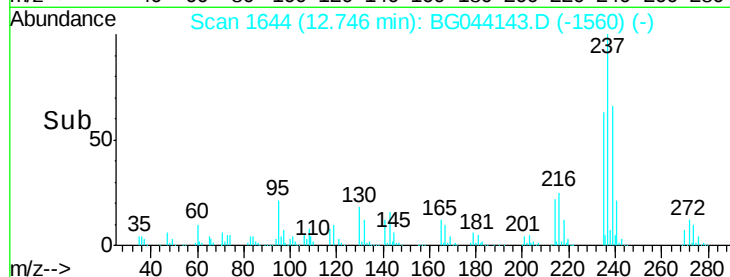
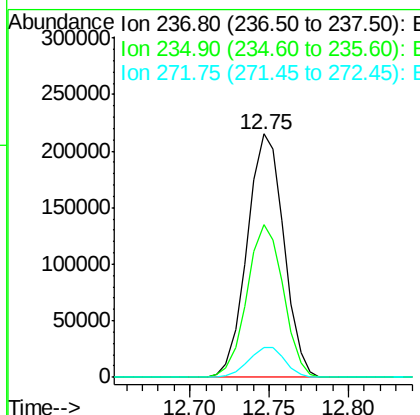
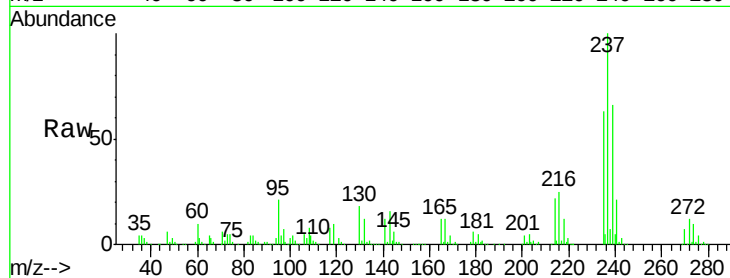
#41
Hexachlorocyclopentadiene
Concen: 98.355 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	41.1	81.1
272	12.4	0.0	31.7

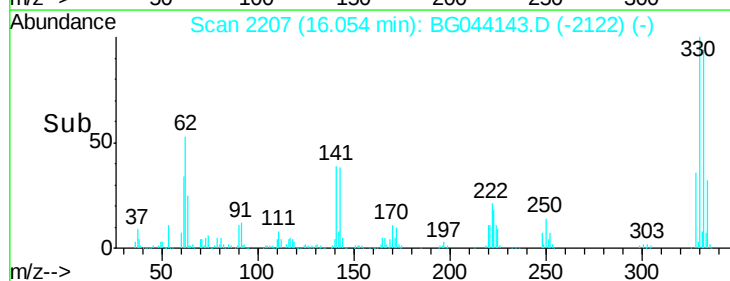
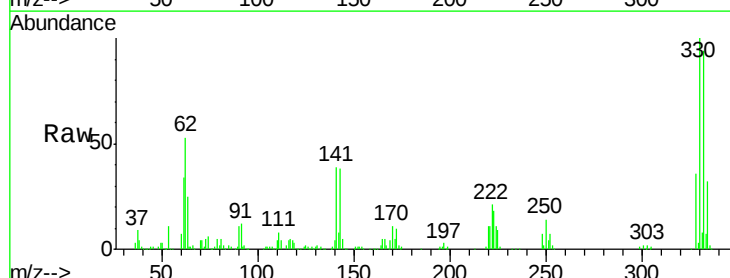
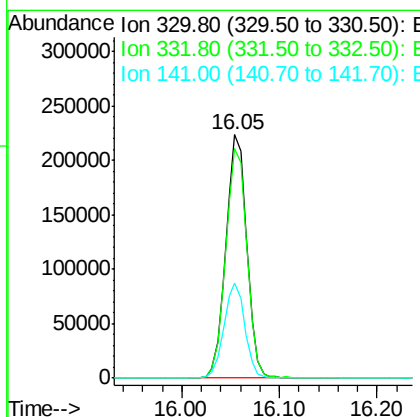
Manual Integrations
APPROVED

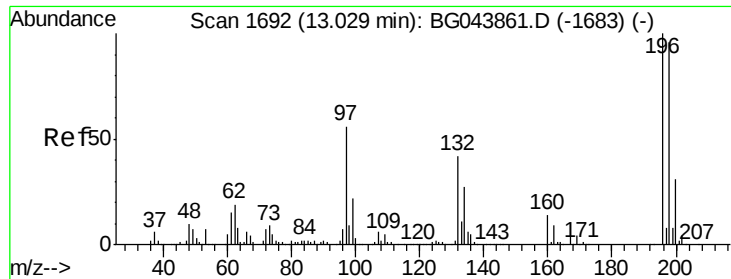
mohammad
1/23/2020 7:58:25 AM



#42
2,4,6-Tribromophenol
Concen: 137.724 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.2	115.8
141	38.9	33.1	49.7





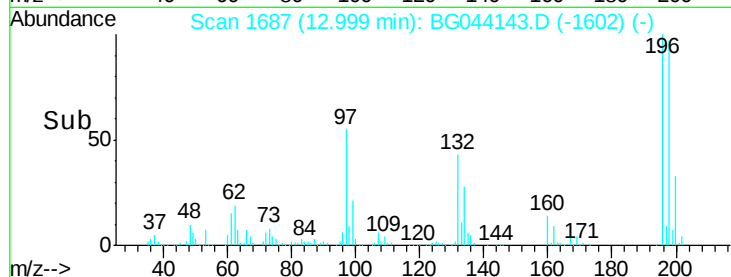
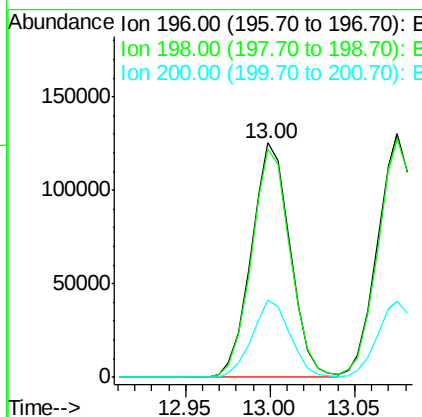
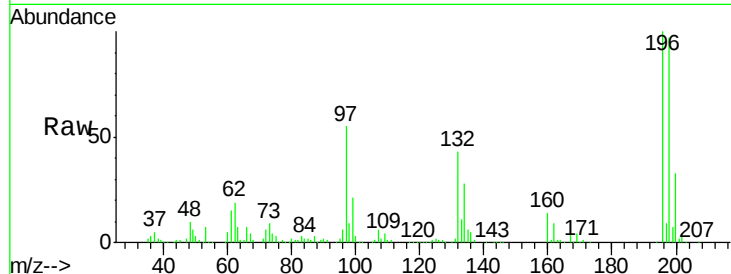
#43
 2,4,6-Trichlorophenol
 Concen: 42.875 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	199797		
198	97.3	76.6	115.0	
200	33.0	24.6	37.0	

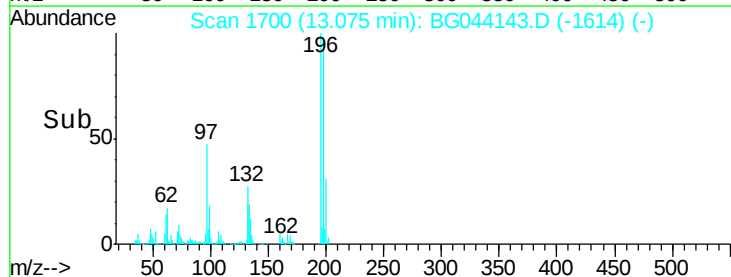
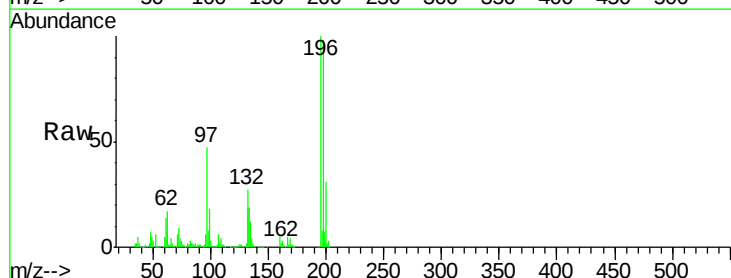
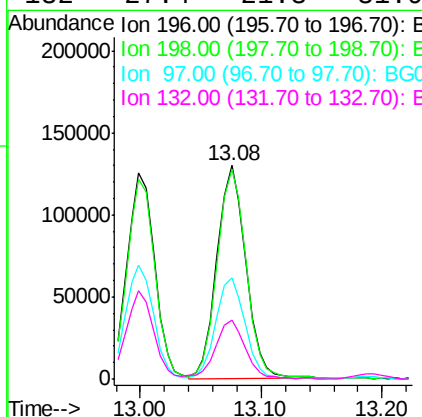
Manual Integrations
 APPROVED

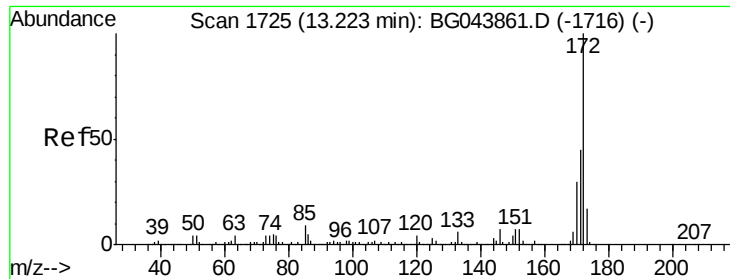
mohammad
 1/23/2020 7:58:25 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.854 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215579		
198	98.2	78.3	117.5	
97	47.4	38.8	58.2	
132	27.4	21.3	31.9	





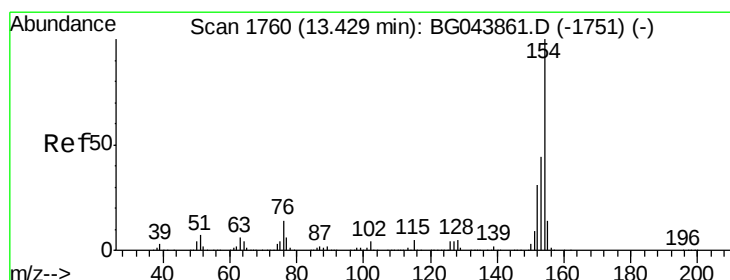
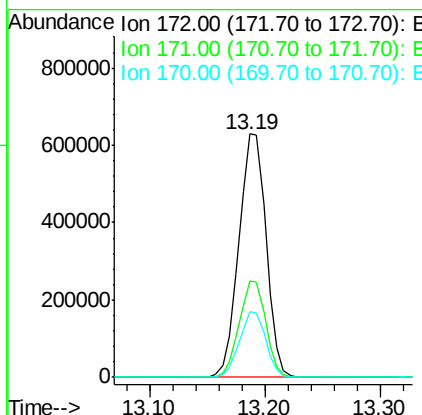
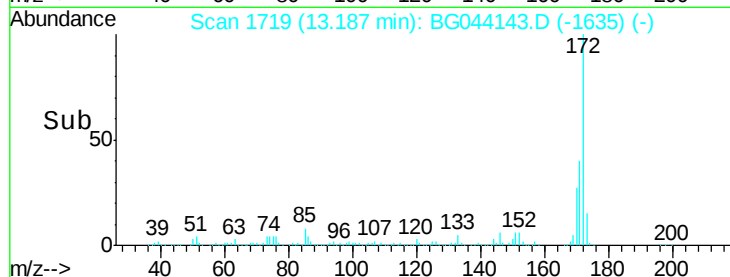
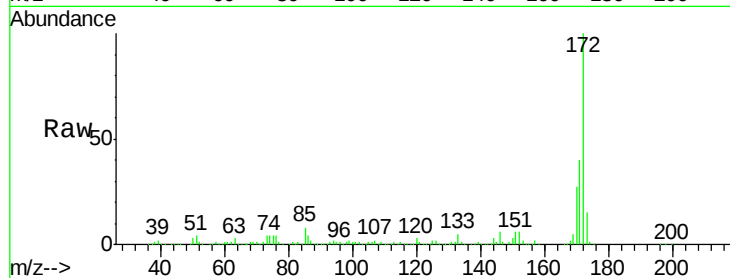
#45
2-Fluorobiphenyl
Concen: 80.422 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.7	35.8	53.8	
170	26.7	24.2	36.4	

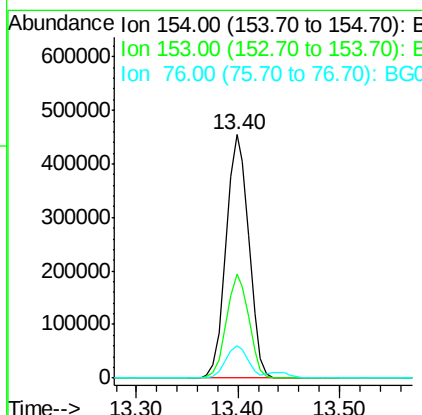
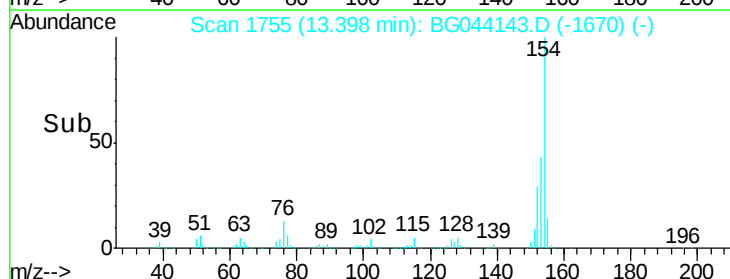
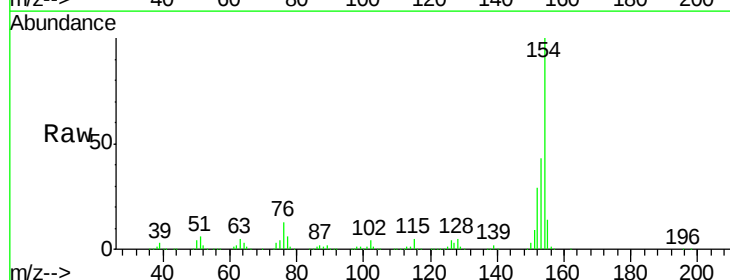
Manual Integrations
APPROVED

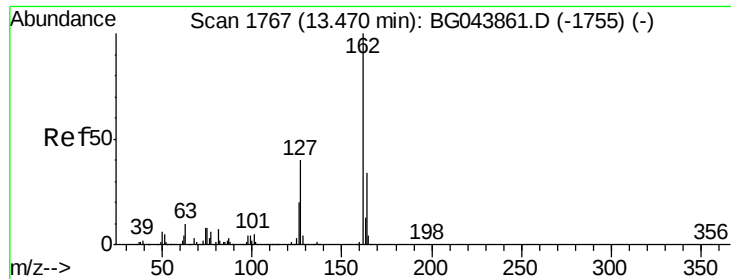
mohammad
1/23/2020 7:58:25 AM



#46
1,1'-Biphenyl
Concen: 42.451 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.7	23.6	63.6	
76	13.2	0.0	34.4	





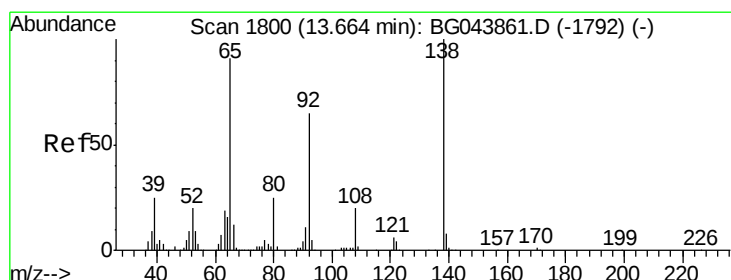
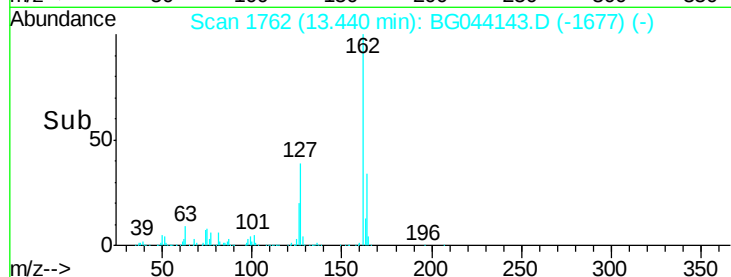
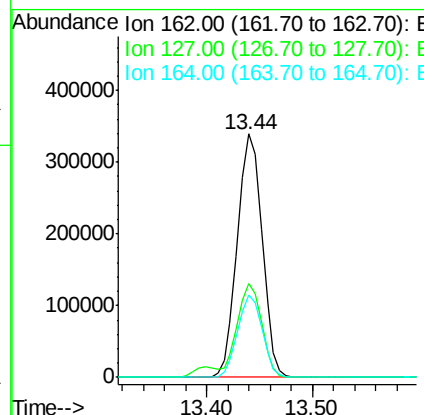
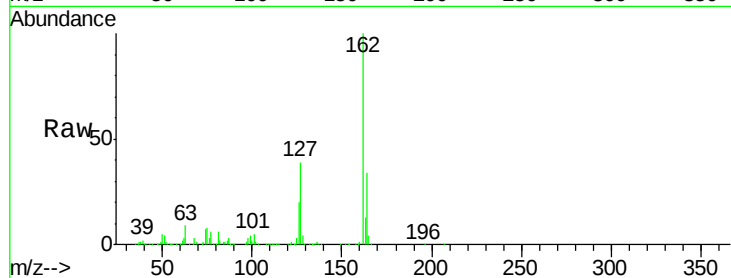
#47
2-Chloronaphthalene
Concen: 41.113 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	32.1	48.1	
164	33.7	27.5	41.3	

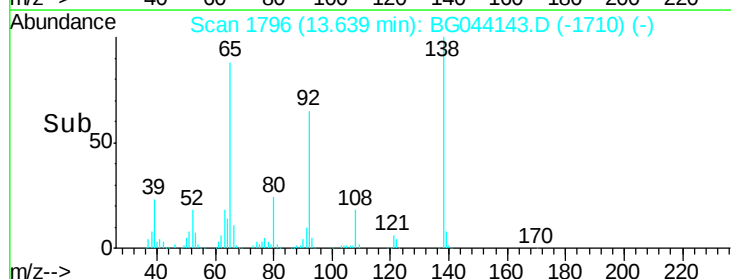
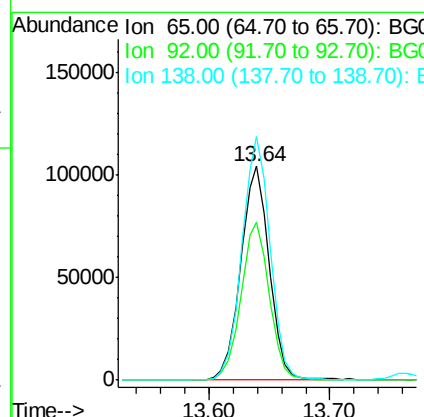
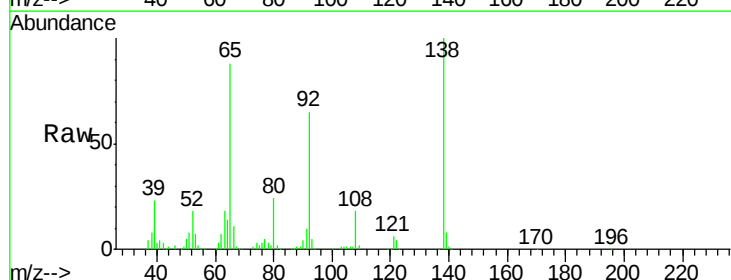
Manual Integrations
APPROVED

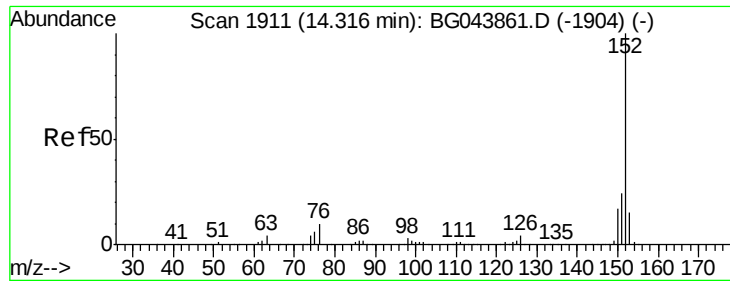
mohammad
1/23/2020 7:58:25 AM



#48
2-Nitroaniline
Concen: 39.916 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.7	57.4	86.2	
138	114.0	88.2	132.4	





#49

Acenaphthylene

Concen: 46.077 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

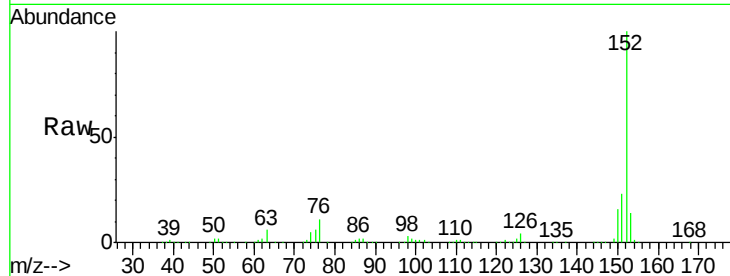
ClientSampleId :

PB126236BS

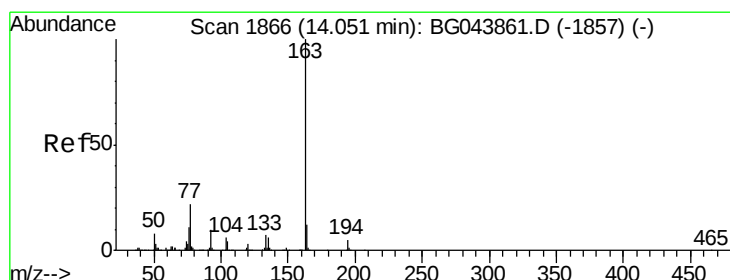
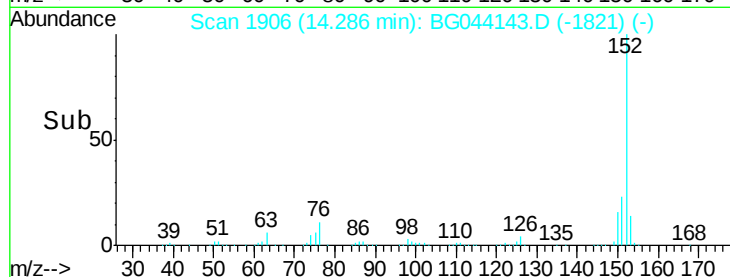
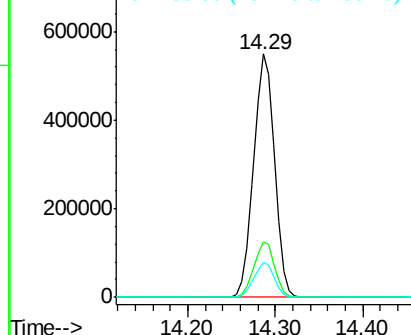
Tot Ion:	152	Resp:	886582
Ion Ratio	Lower	Upper	
152	100		
151	22.6	19.4	29.2
153	14.4	12.0	18.0

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.919 ng

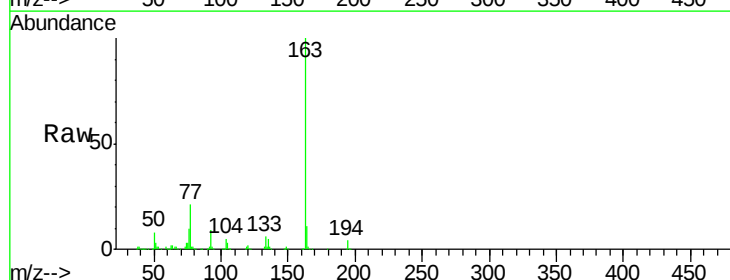
RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

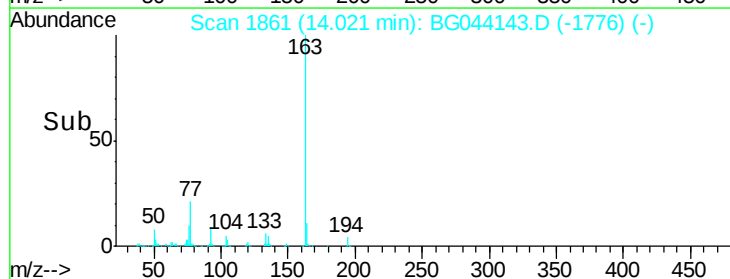
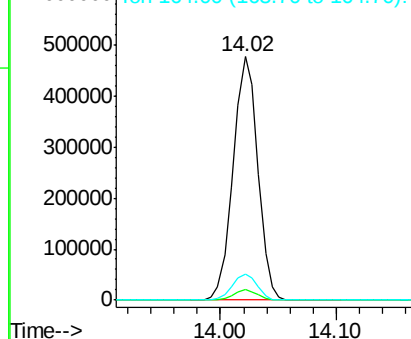
Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	163	Resp:	704144
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	10.8	9.3	13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





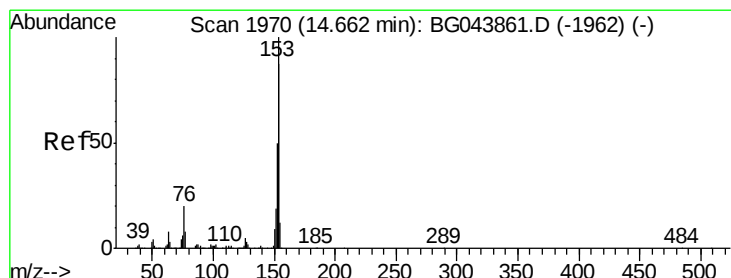
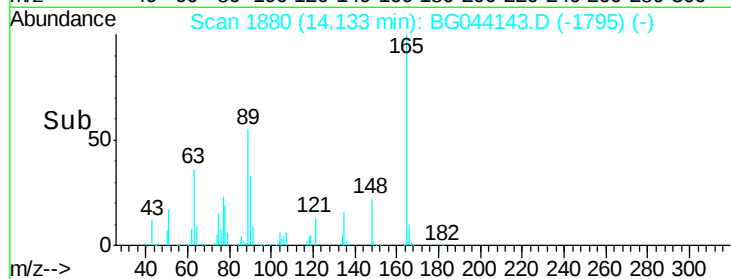
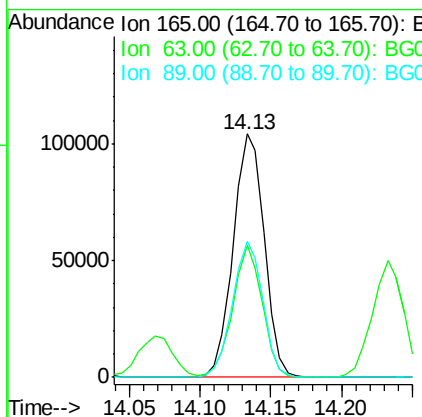
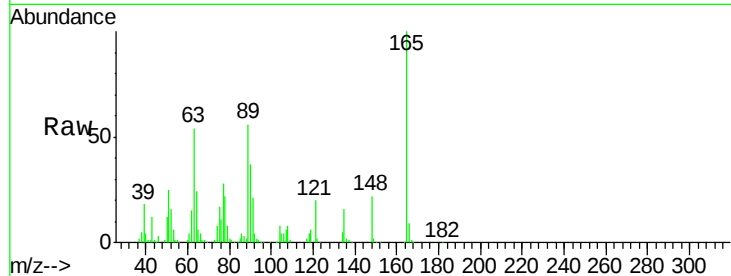
#51
 2,6-Dinitrotoluene
 Concen: 43.109 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.2	43.1	64.7
89	55.8	43.8	65.6

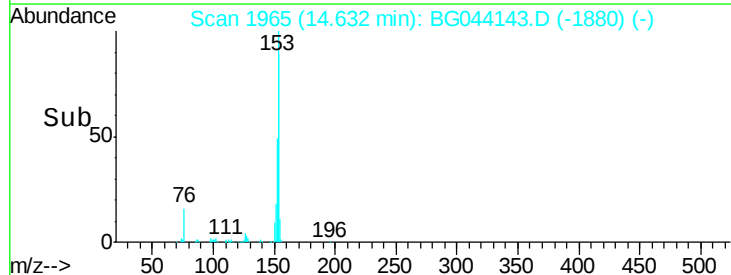
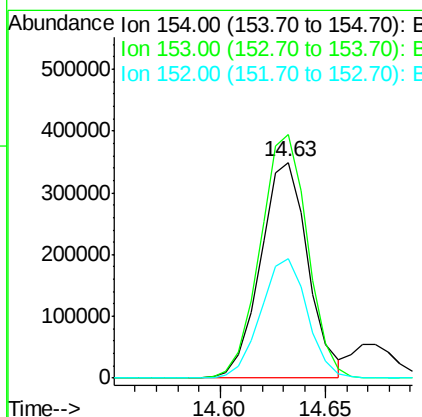
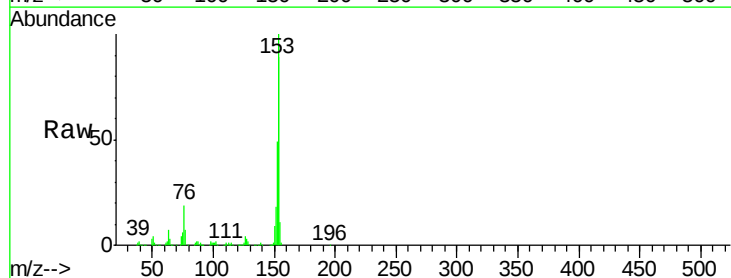
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM



#52
 Acenaphthene
 Concen: 40.437 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.8	91.6	137.4
152	55.1	45.4	68.0





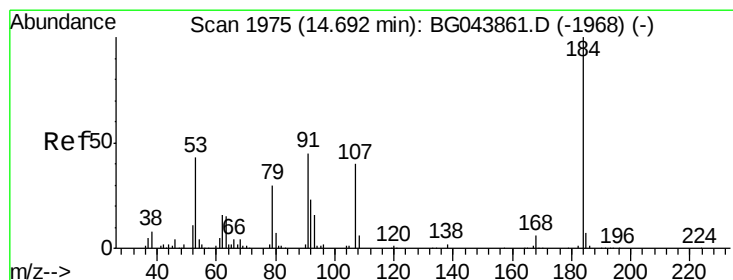
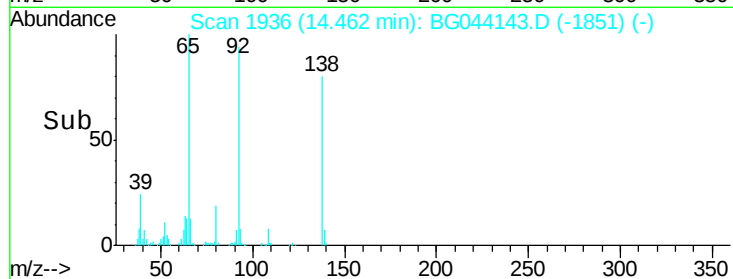
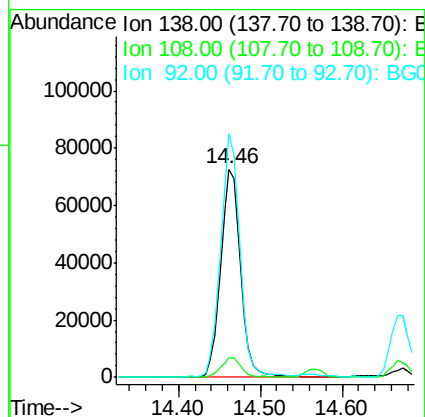
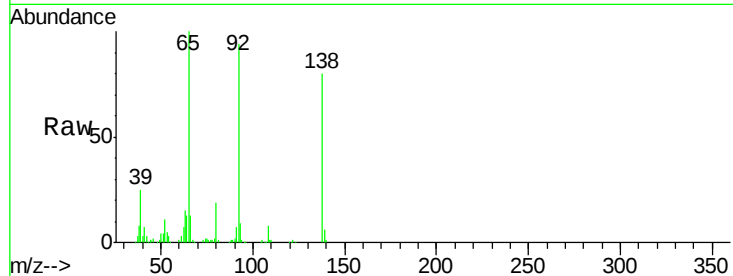
#53
3-Nitroaniline
Concen: 29.350 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	117.1	92.1	138.1

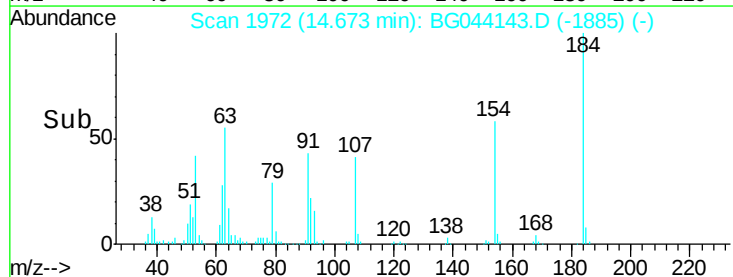
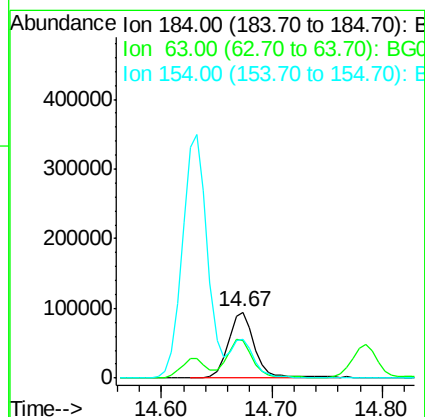
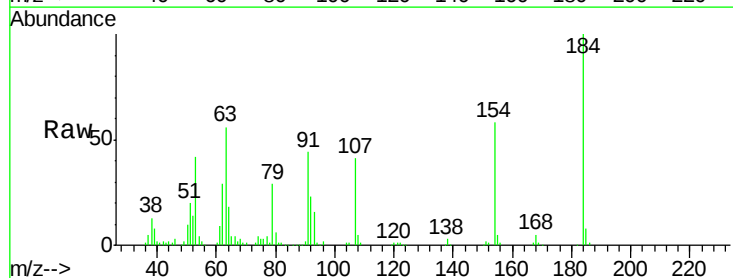
Manual Integrations
APPROVED

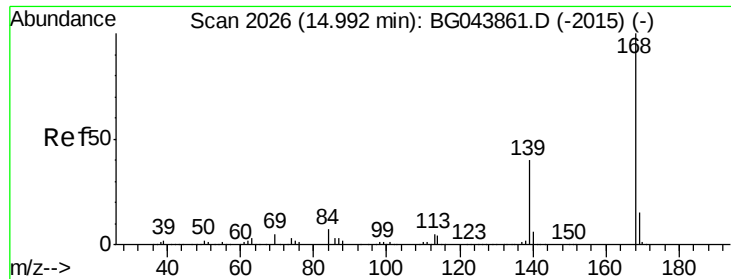
mohammad
1/23/2020 7:58:25 AM



#54
2,4-Dinitrophenol
Concen: 83.465 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.1	46.6	70.0
154	58.3	50.2	75.4





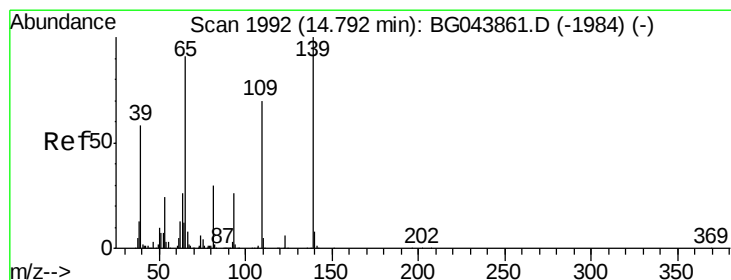
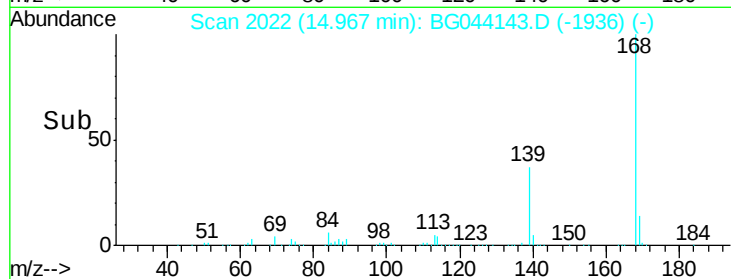
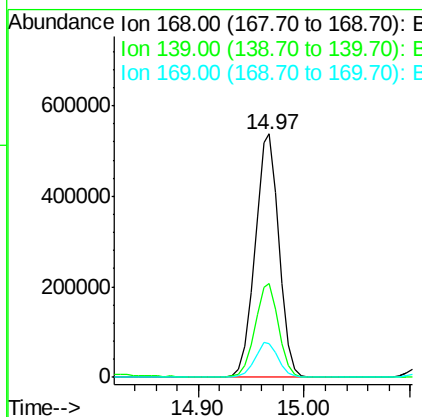
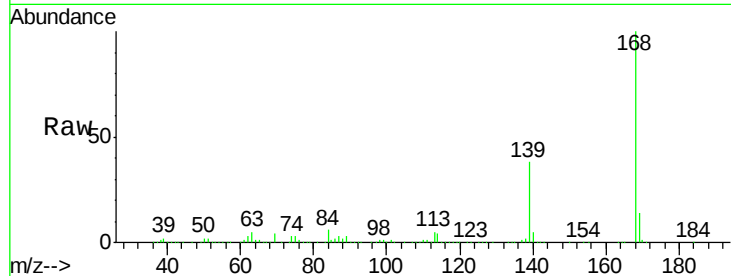
#55
Dibenzofuran
Concen: 45.543 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	845995		
139	38.5		32.2	48.2
169	13.9		12.2	18.2

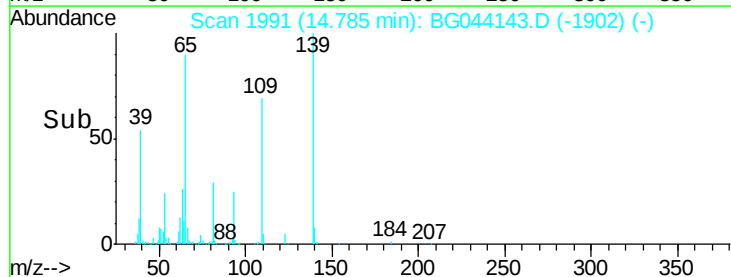
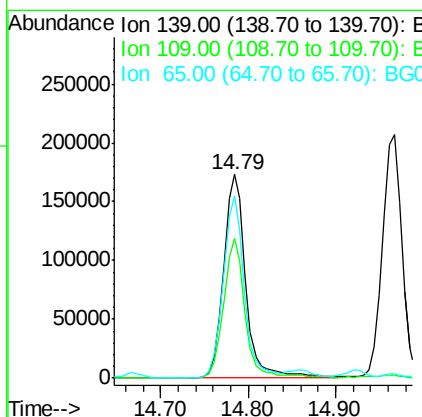
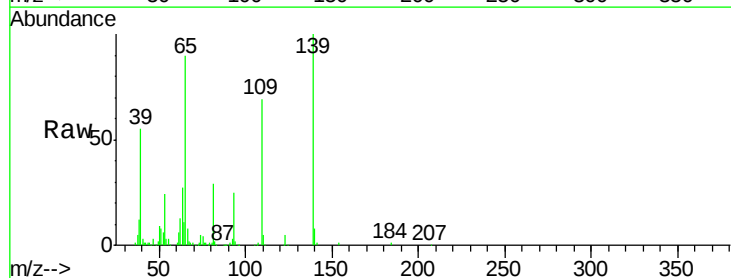
Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#56
4-Nitrophenol
Concen: 93.726 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	302449		
109	68.8		50.4	90.4
65	89.6		71.4	111.4





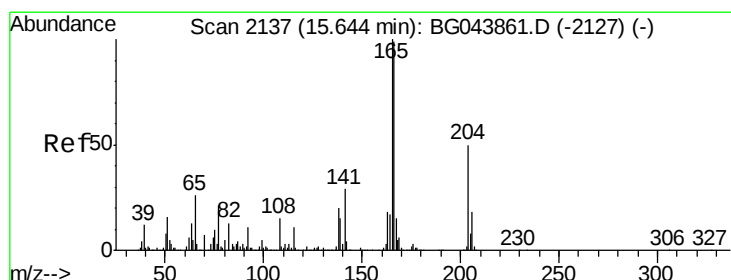
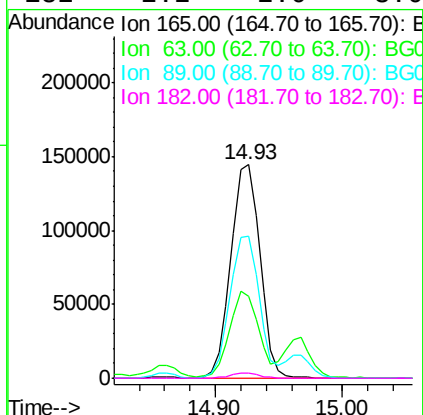
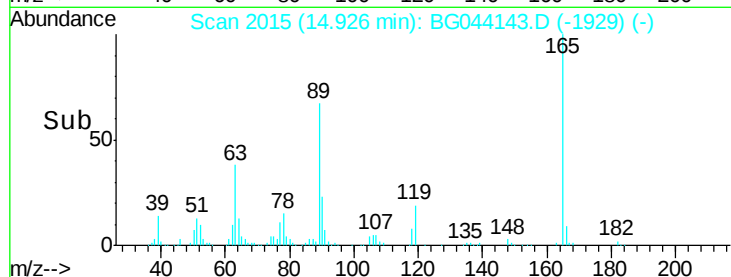
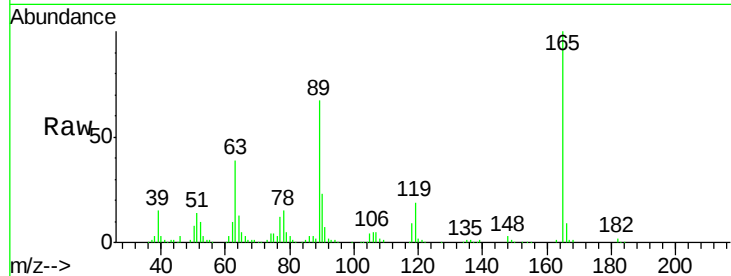
#57
 2,4-Dinitrotoluene
 Concen: 45.439 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		229278		
63	38.5		31.9	47.9	
89	66.7		53.8	80.6	
182	2.2		2.0	3.0	

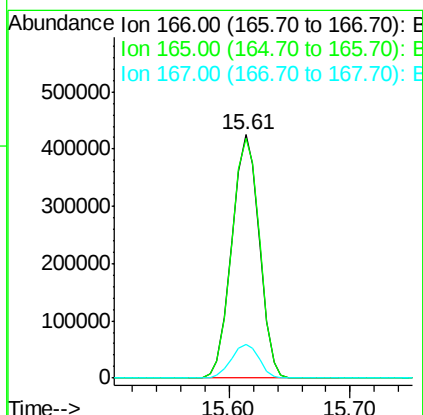
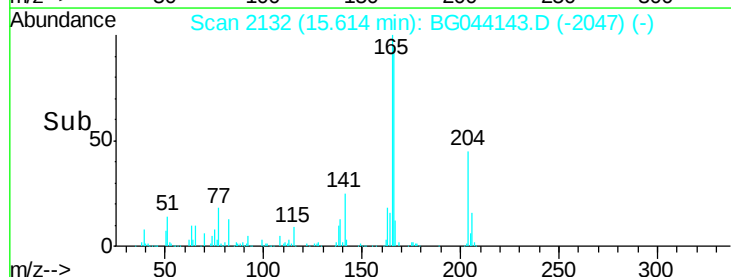
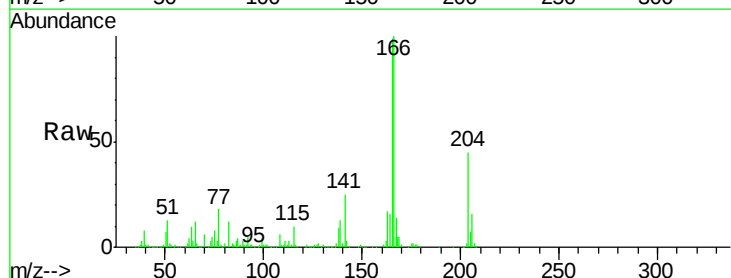
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM



#58
 Fluorene
 Concen: 45.742 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		673468		
165	98.6		80.8	121.2	
167	14.0		12.1	18.1	





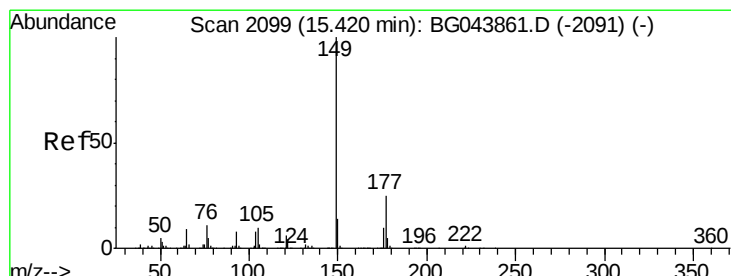
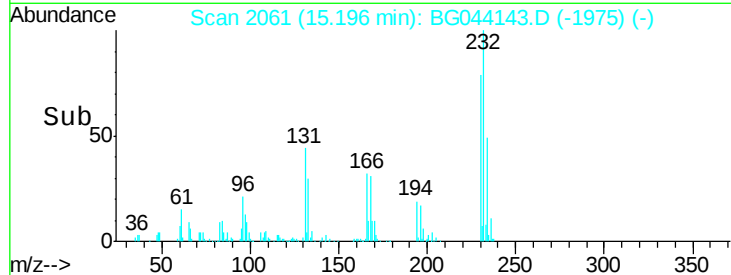
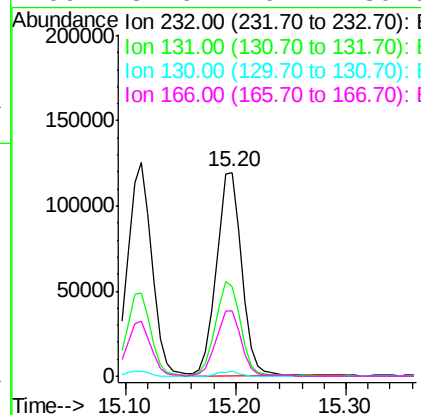
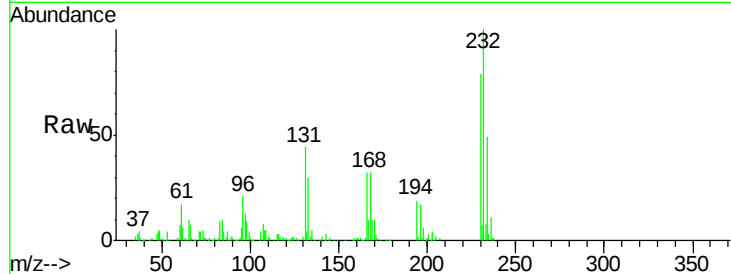
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.697 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	188860		
131	45.6	38.2	57.2	
130	2.4	2.2	3.2	
166	32.6	26.4	39.6	

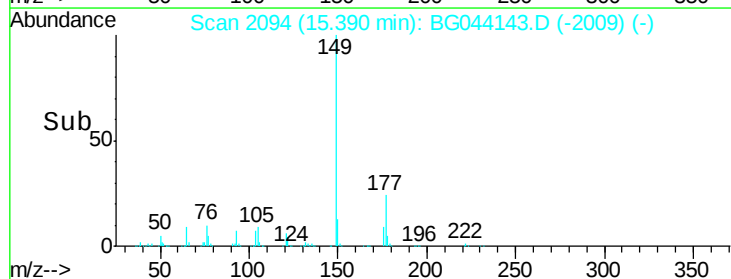
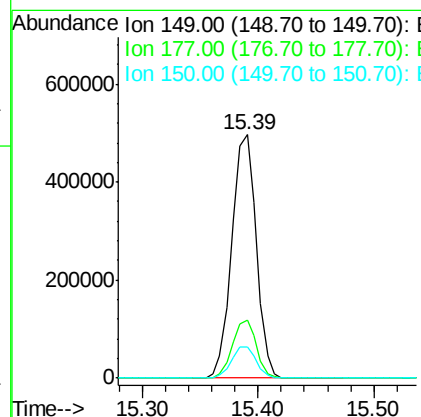
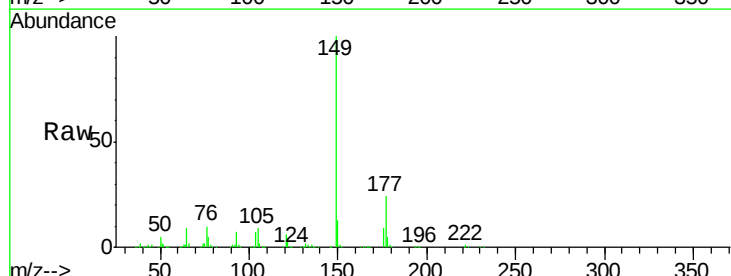
Manual Integrations
 APPROVED

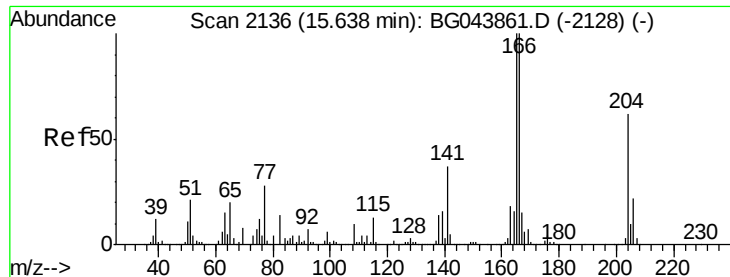
mohammad
 1/23/2020 7:58:25 AM



#60
 Diethylphthalate
 Concen: 44.282 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	726654		
177	23.7	20.0	30.0	
150	13.0	11.1	16.7	





#61

4-Chlorophenyl-phenylether

Concen: 42.769 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

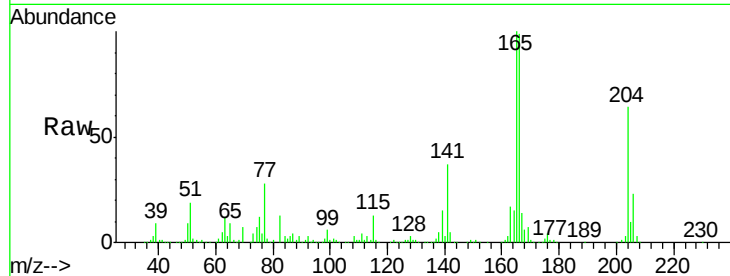
ClientSampleId :

PB126236BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.2	42.2
141	57.5	48.2	72.2

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM

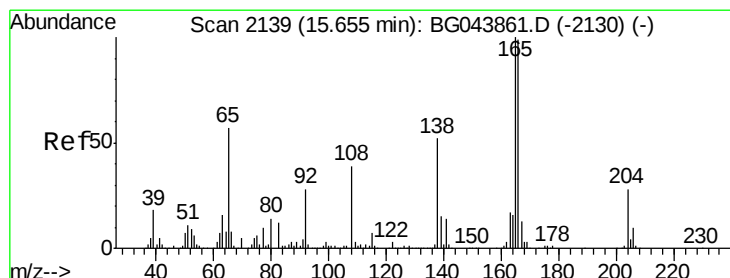
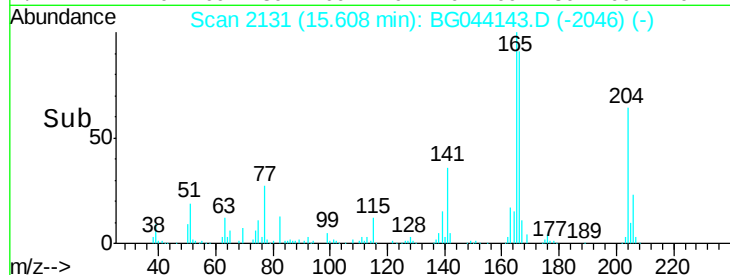
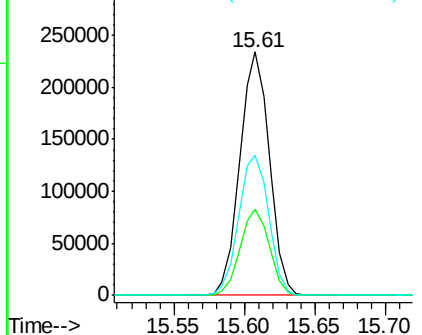


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 40.385 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

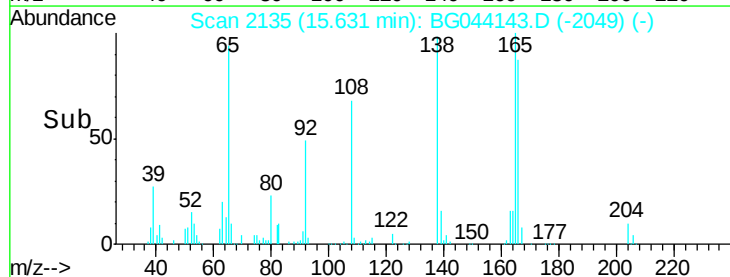
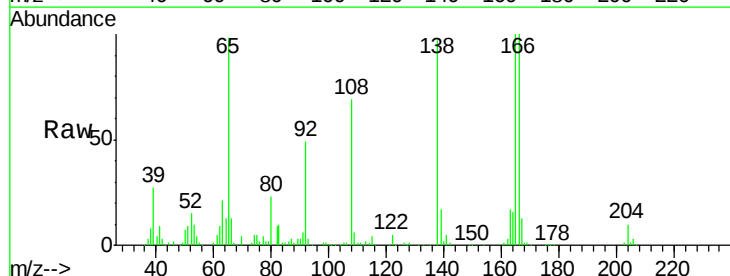
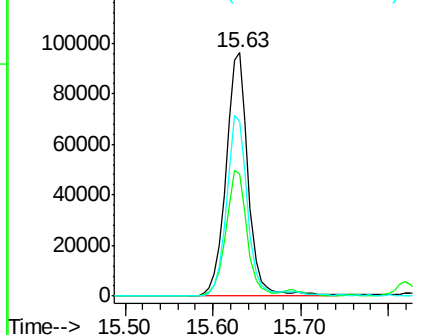
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	34.3	74.3
108	71.4	55.0	95.0

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





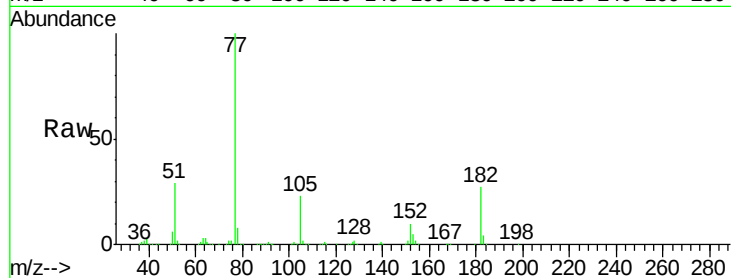
#63
Azobenzene
Concen: 44.563 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

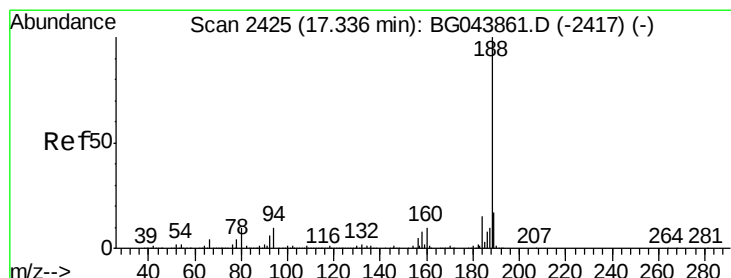
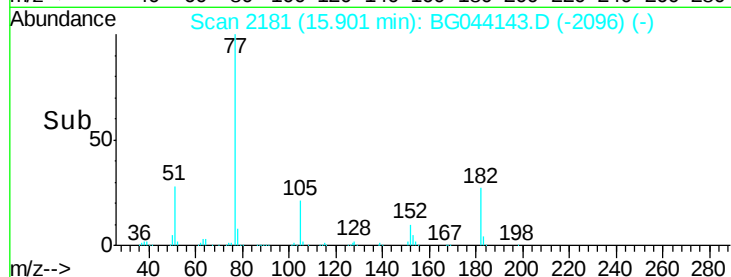
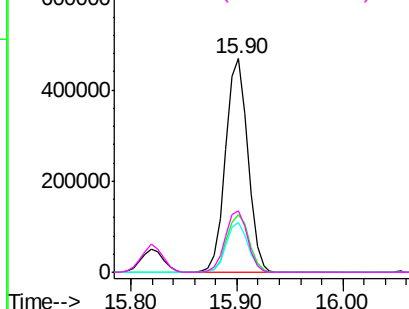
Tot Ion	Ratio	Resp	Lower	Upper
77	100	678175		
182	26.9	7.3	47.3	
105	23.4	3.2	43.2	
51	28.5	10.6	50.6	

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM

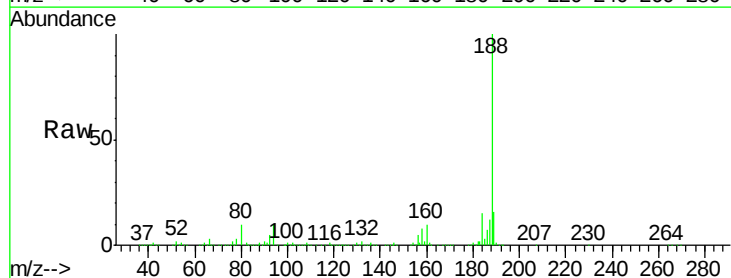


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

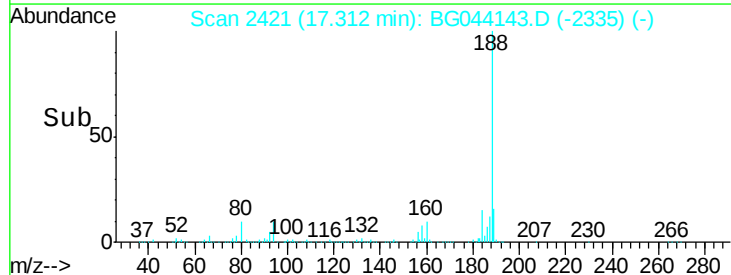
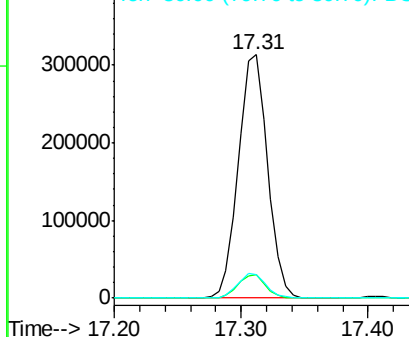


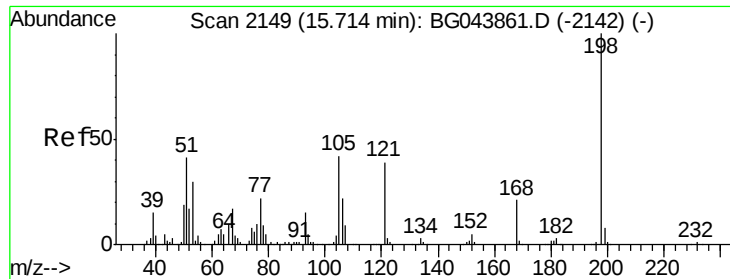
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	498668		
94	9.6	7.9	11.9	
80	9.6	8.2	12.4	



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





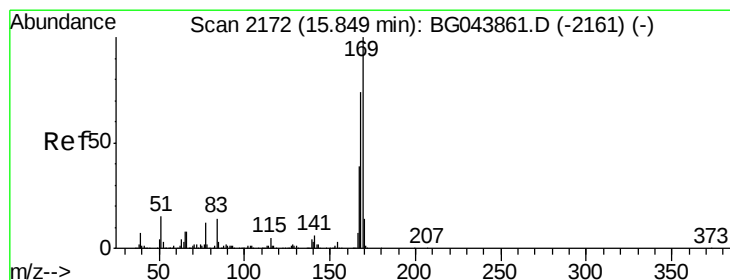
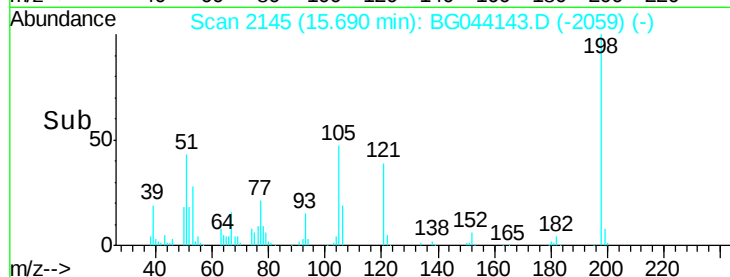
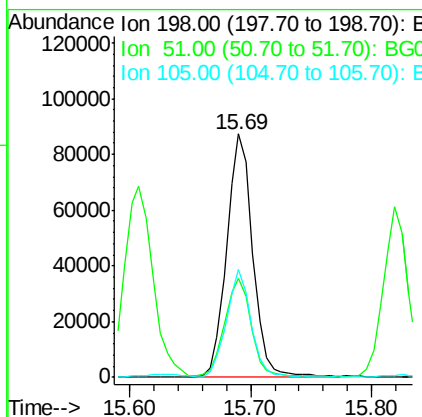
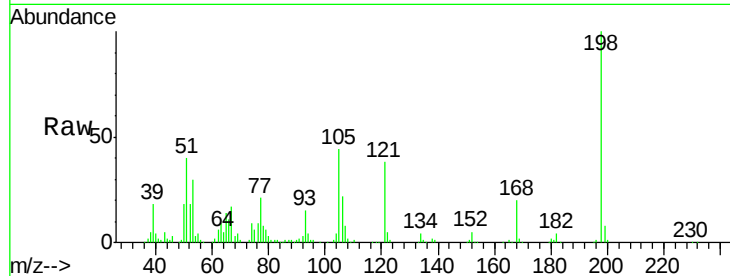
#65
4,6-Dinitro-2-methylphenol
Concen: 50.603 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	130687		
51	40.5		22.5	62.5
105	44.2		22.3	62.3

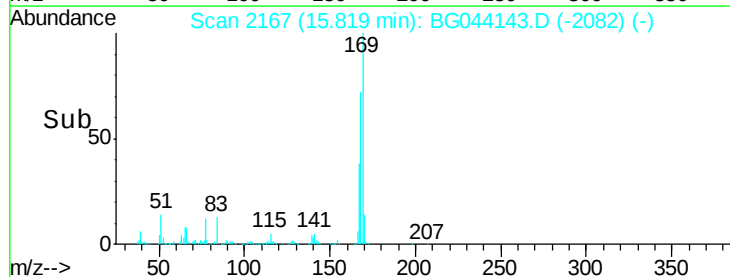
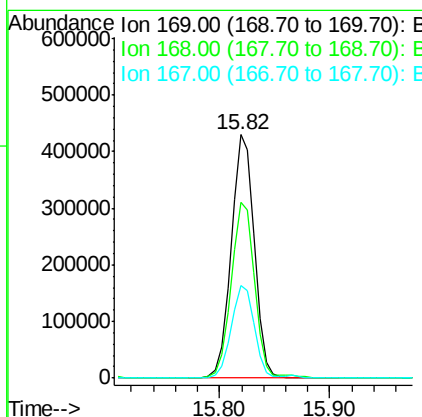
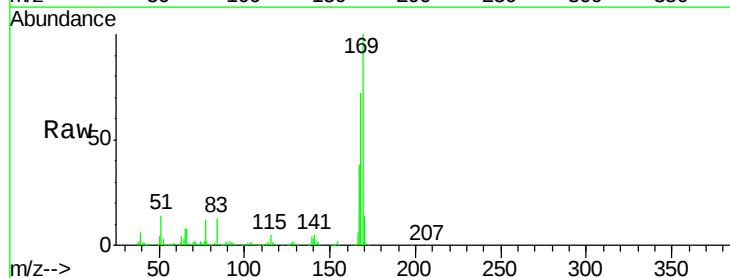
Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#66
n-Nitrosodiphenylamine
Concen: 42.836 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	629053		
168	72.3		59.0	88.6
167	38.1		31.4	47.0





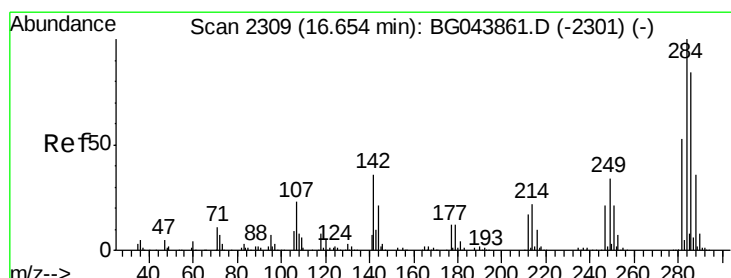
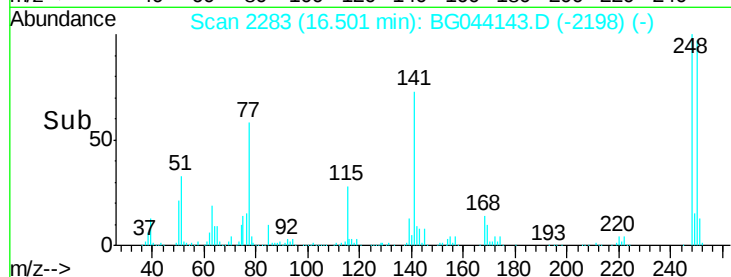
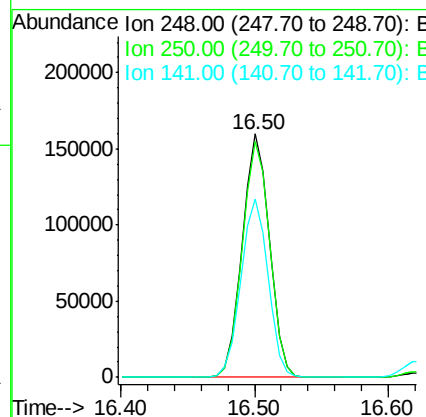
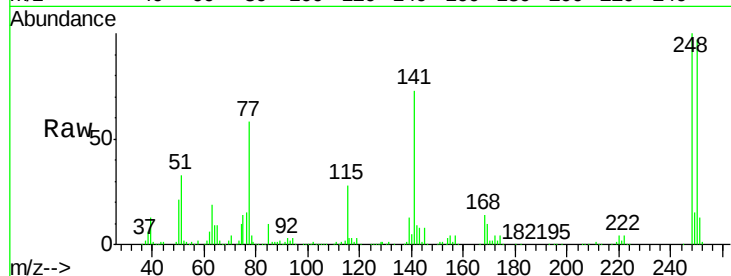
#67
4-Bromophenyl-phenylether
Concen: 40.171 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.2
141	73.3	59.3	88.9

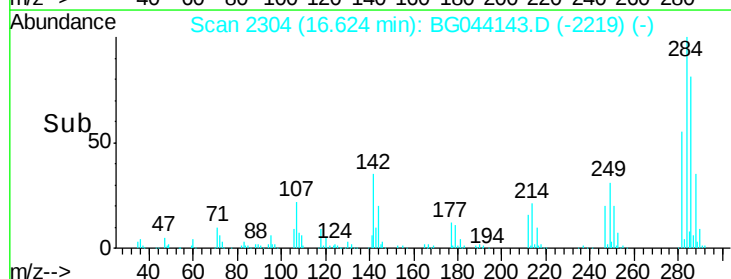
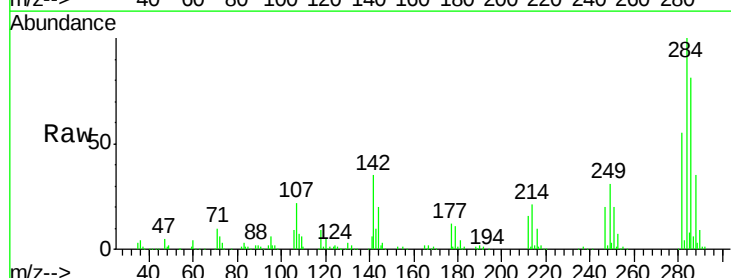
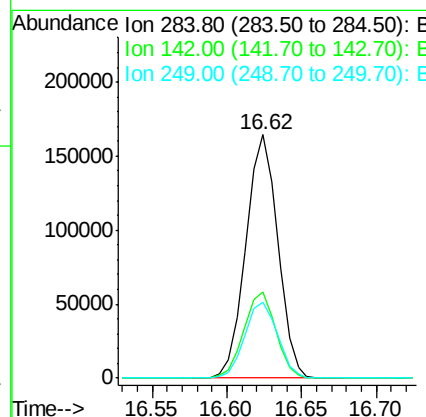
Manual Integrations
APPROVED

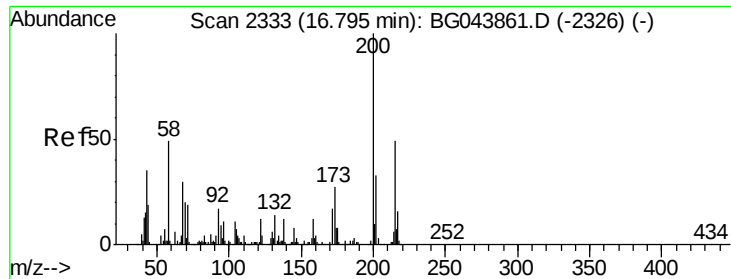
mohammad
1/23/2020 7:58:25 AM



#68
Hexachlorobenzene
Concen: 40.214 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.6	43.0
249	31.4	27.0	40.6





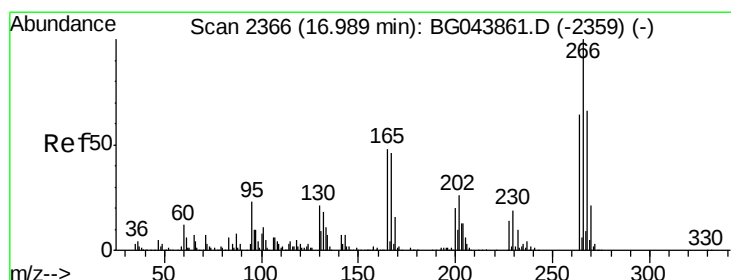
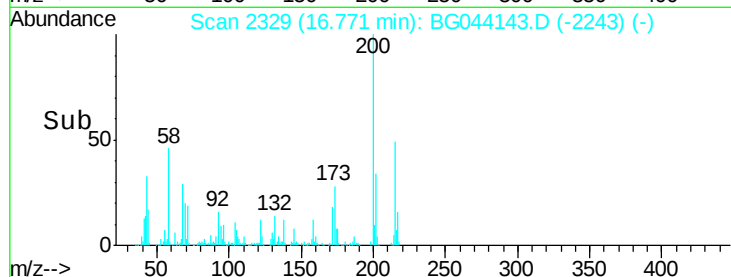
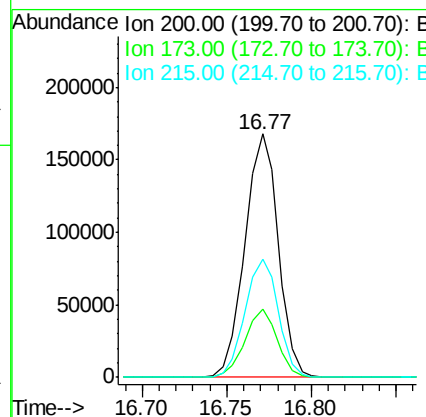
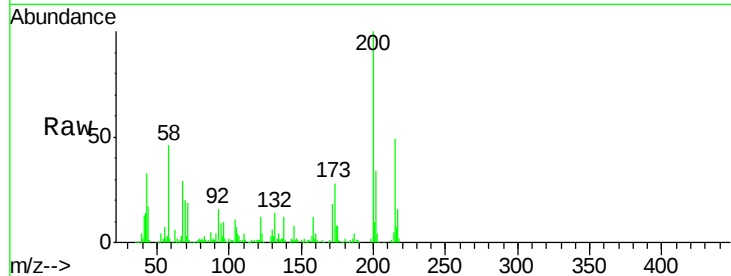
#69
Atrazine
Concen: 48.312 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	6.6	46.6
215	48.8	28.6	68.6

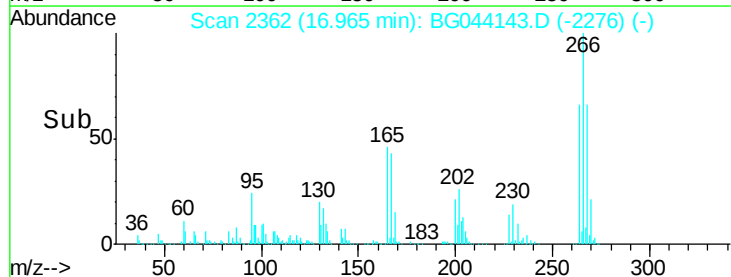
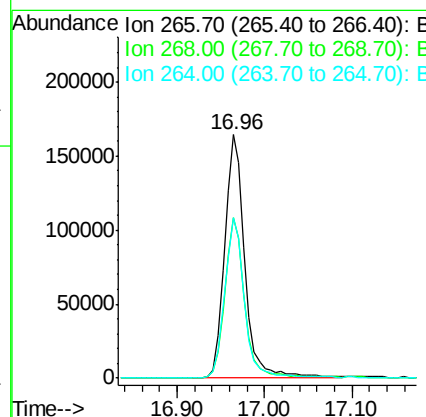
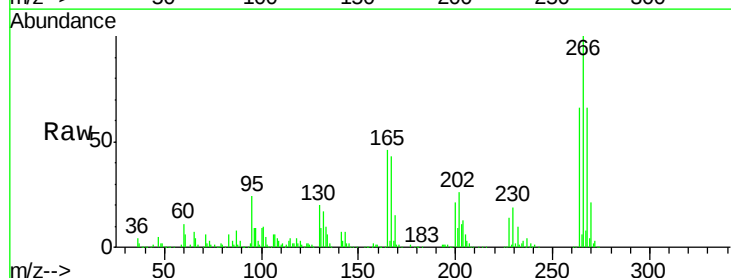
Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#70
Pentachlorophenol
Concen: 79.168 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	52.6	79.0
264	65.8	50.8	76.2





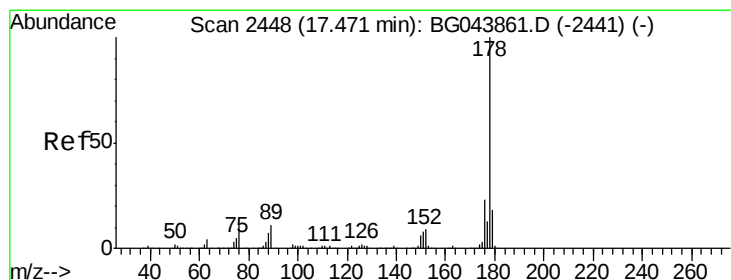
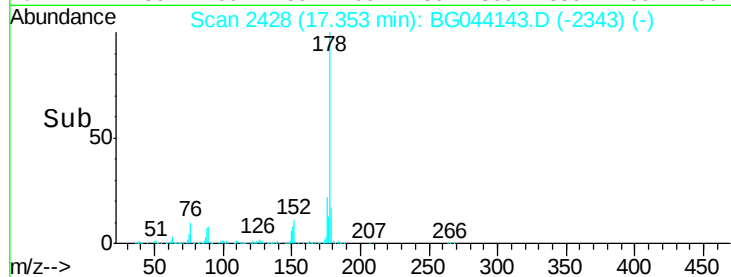
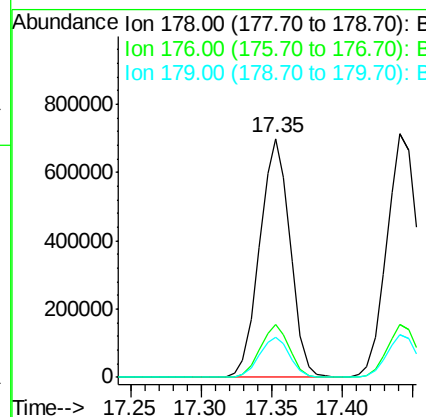
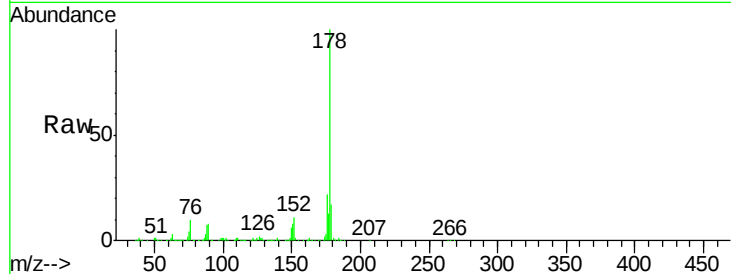
#71
Phenanthrene
Concen: 44.355 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion:178 Resp: 1060912
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 16.9 14.4 21.6

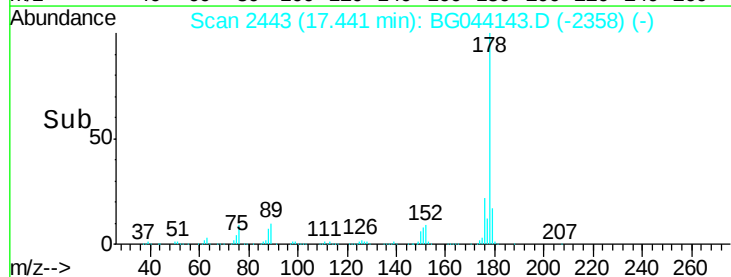
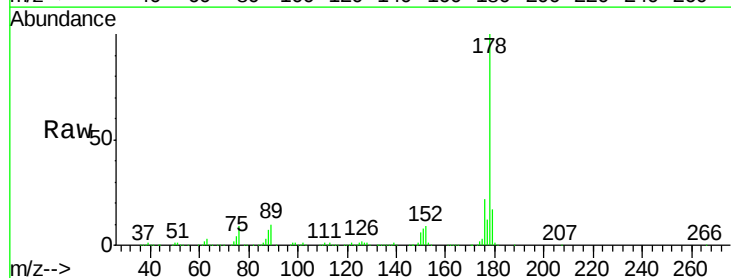
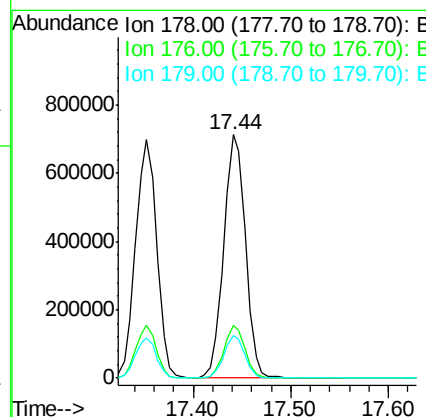
Manual Integrations
APPROVED

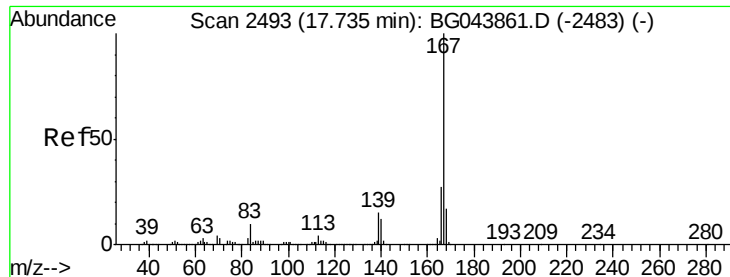
mohammad
1/23/2020 7:58:25 AM



#72
Anthracene
Concen: 46.309 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion:178 Resp: 1094682
Ion Ratio Lower Upper
178 100
176 21.6 18.3 27.5
179 17.3 14.6 22.0





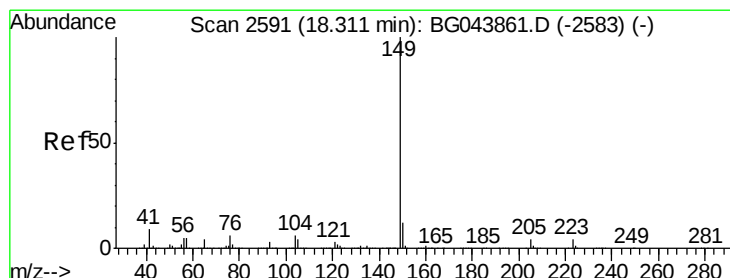
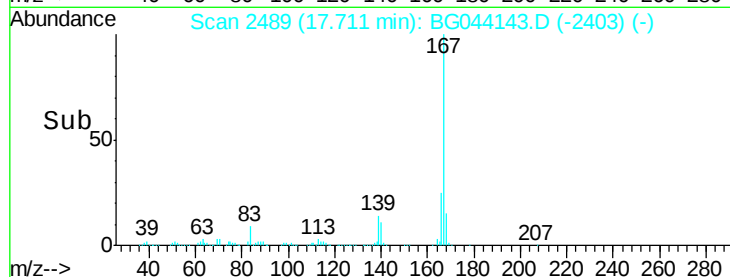
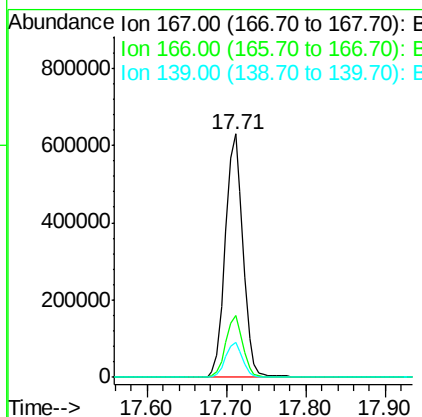
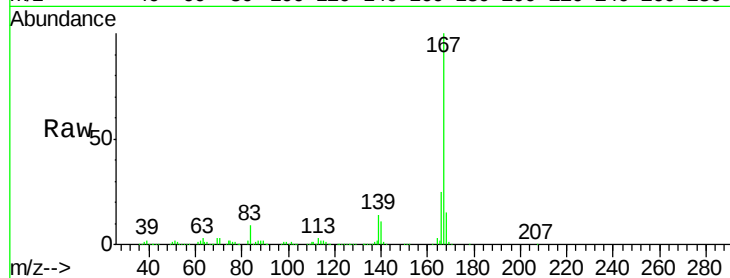
#73
 Carbazole
 Concen: 44.571 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.6	32.4
139	14.2	12.1	18.1

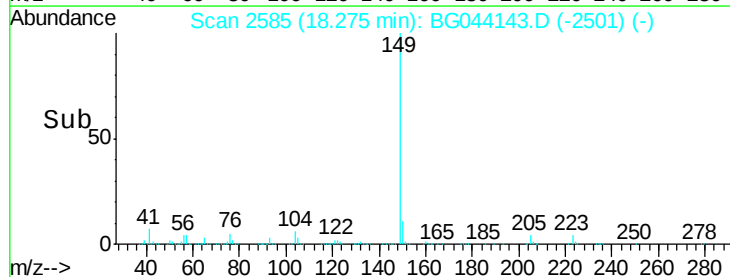
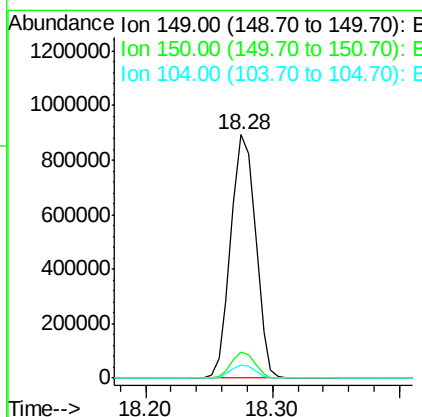
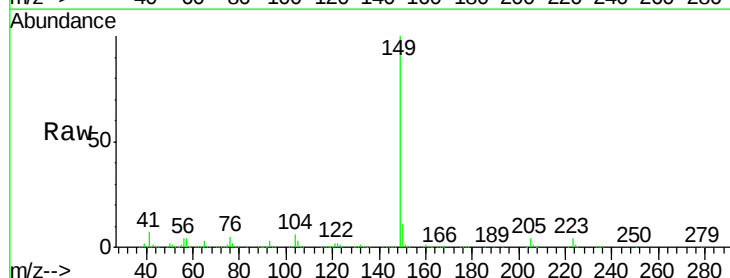
Manual Integrations
 APPROVED

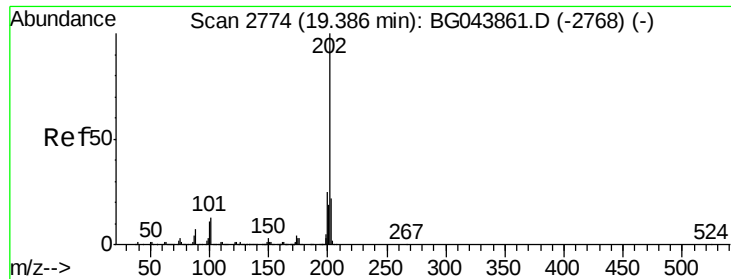
mohammad
 1/23/2020 7:58:25 AM



#74
 Di-n-butylphthalate
 Concen: 43.534 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.04 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.7	14.5
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 44.171 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

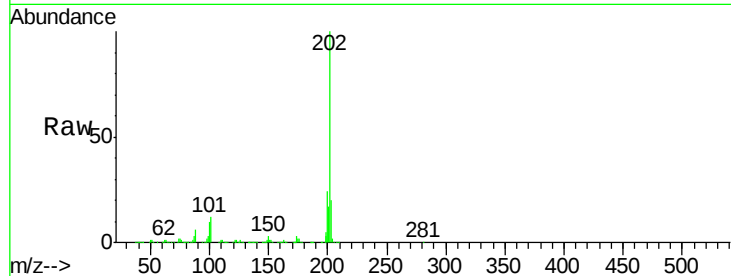
ClientSampled :

PB126236BS

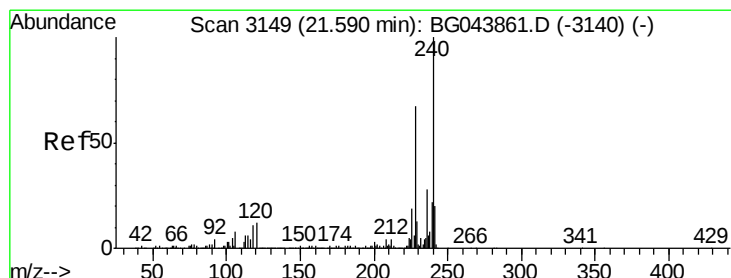
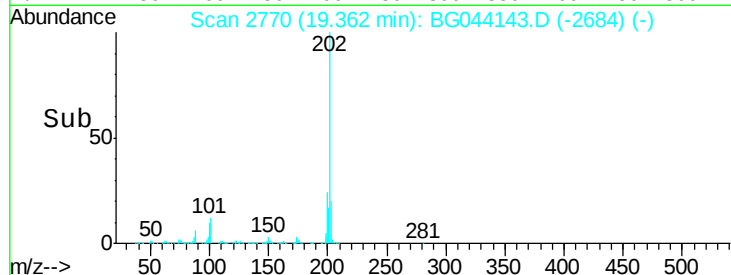
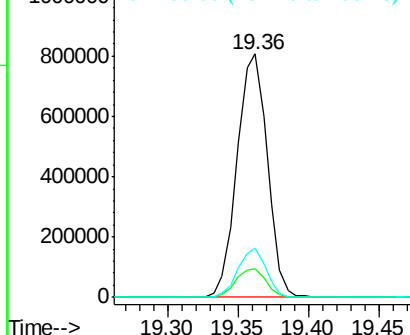
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.5	0.0	33.3		
203	20.1	1.6	41.6		

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

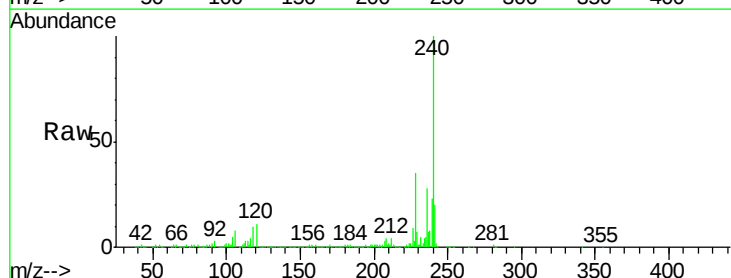
RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

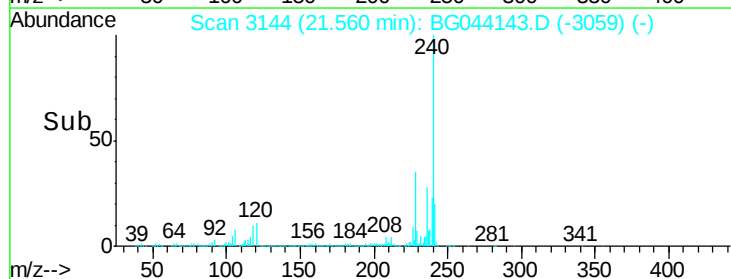
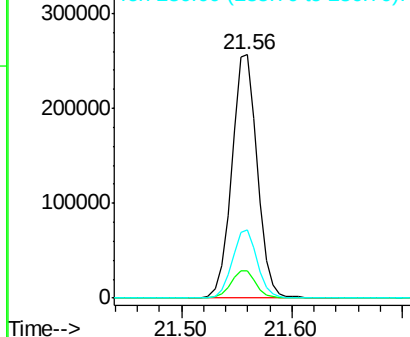
Lab File: BG044143.D

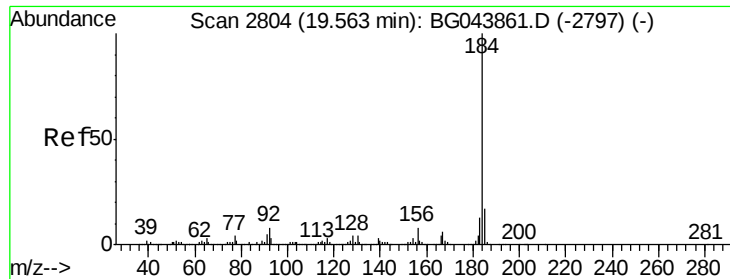
Acq: 21 Jan 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.0	9.6	14.4		
236	27.9	22.2	33.2		



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





#77

Benzidine

Concen: 45.982 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

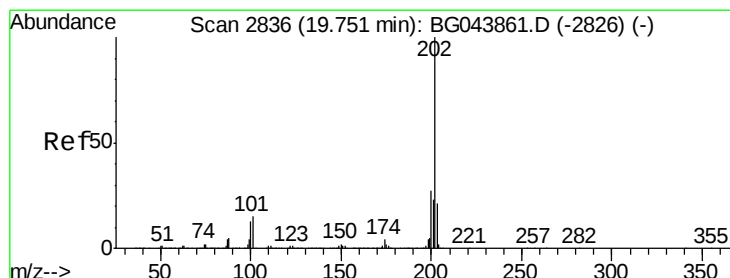
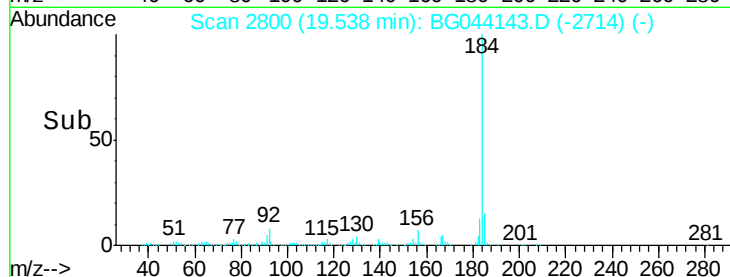
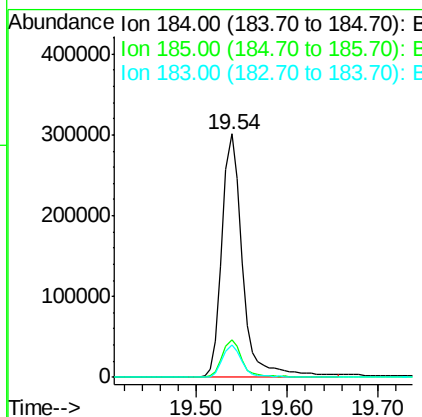
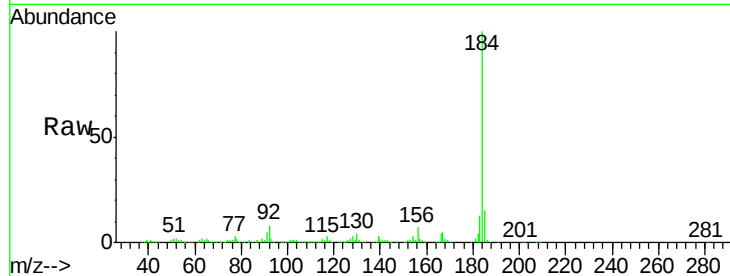
ClientSampleId :

PB126236BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	13.1	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#78

Pyrene

Concen: 44.606 ng

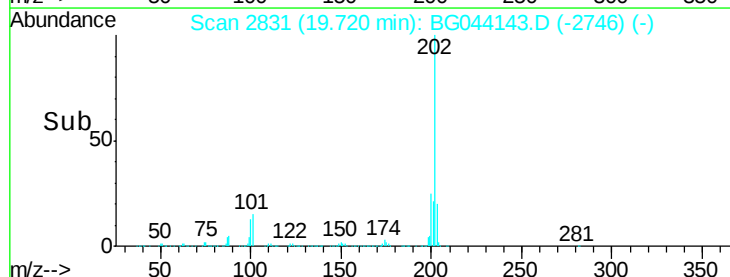
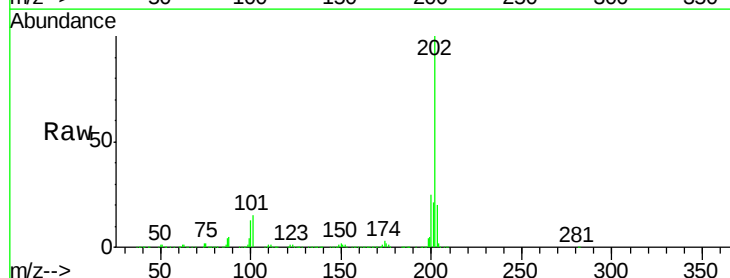
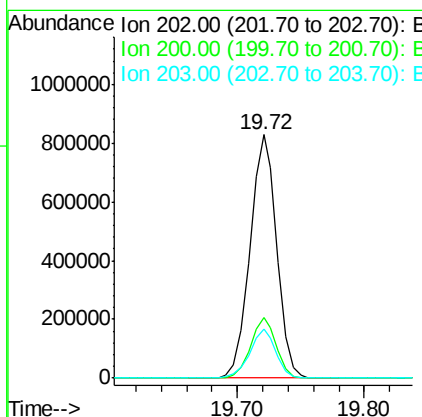
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	21.7	32.5
203	20.3	17.0	25.6





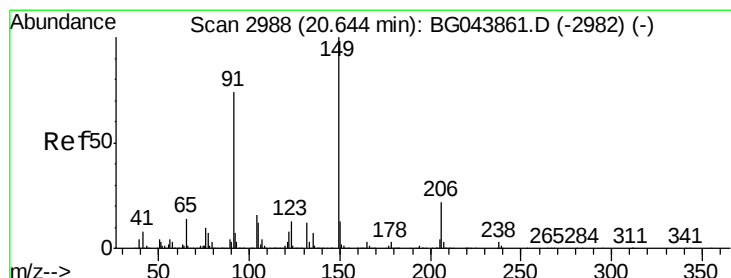
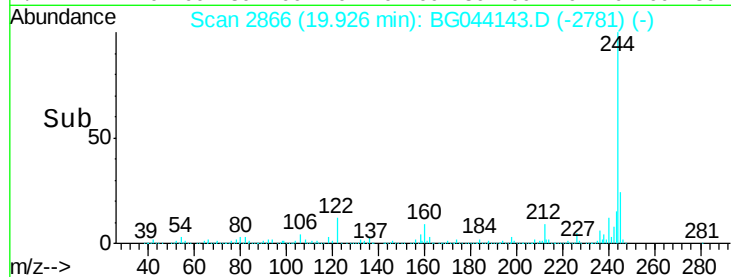
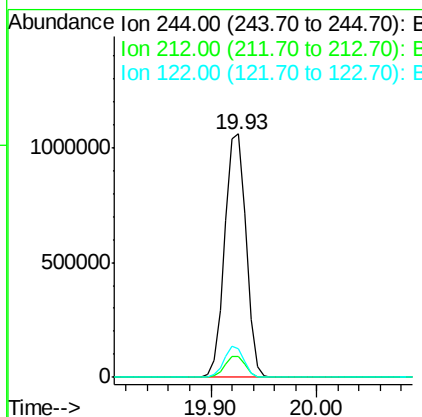
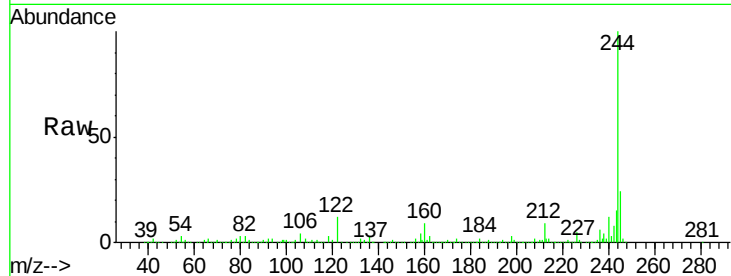
#79
 Terphenyl-d14
 Concen: 86.374 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BS

Tot Ion:244 Resp: 1481678
 Ion Ratio Lower Upper
 244 100
 212 8.7 8.6 13.0
 122 11.8 11.9 17.9#

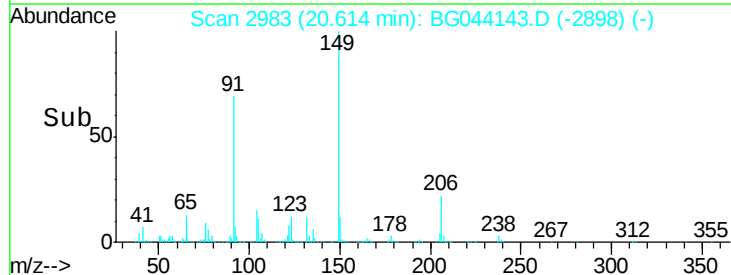
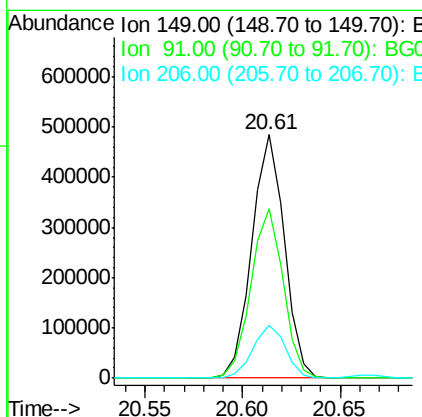
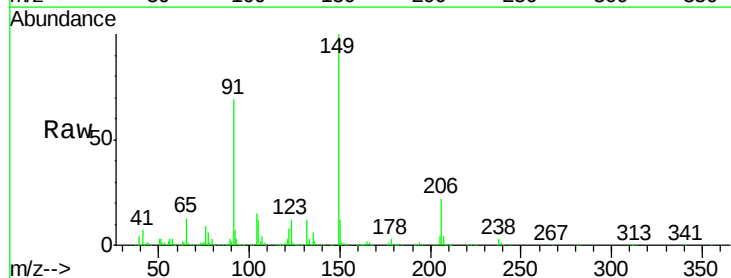
Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:25 AM



#80
 Butylbenzylphthalate
 Concen: 43.466 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044143.D
 Acq: 21 Jan 2020 21:15

Tgt Ion:149 Resp: 561062
 Ion Ratio Lower Upper
 149 100
 91 69.4 59.5 89.3
 206 21.9 17.8 26.6





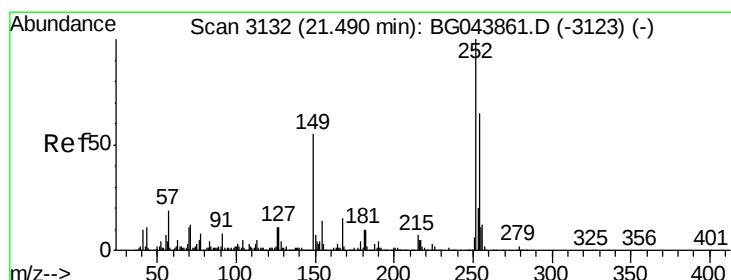
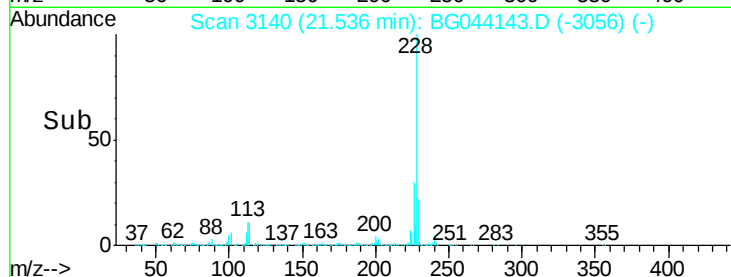
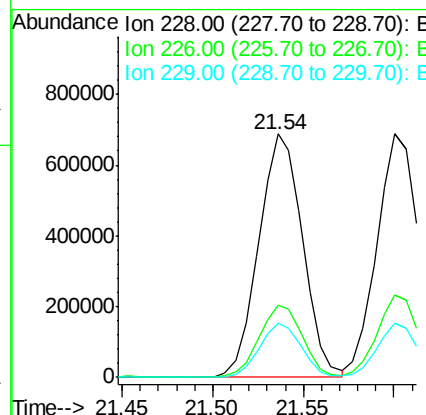
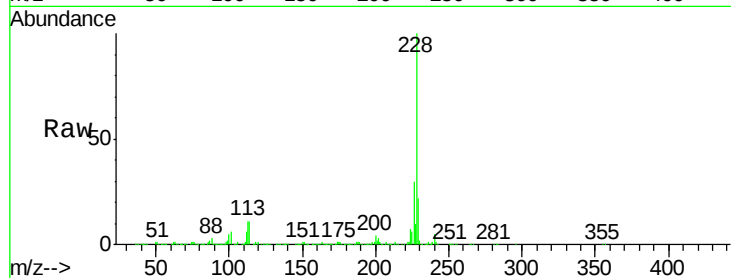
#81
Benzo(a)anthracene
Concen: 45.092 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.2	39.4
229	22.3	18.9	28.3

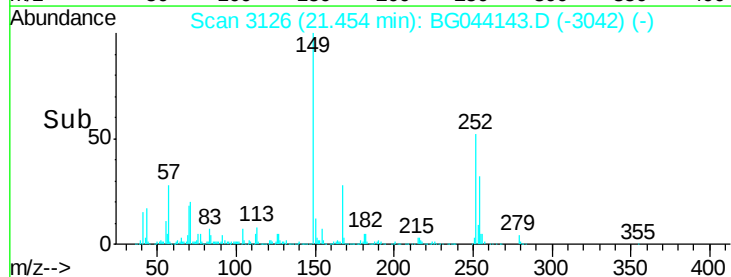
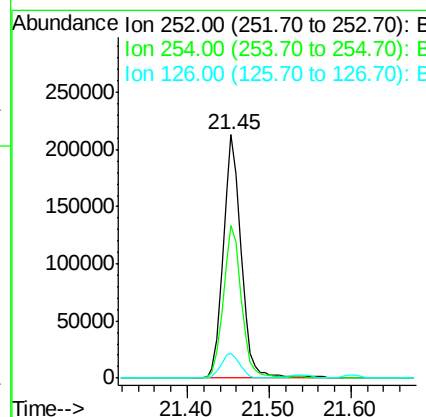
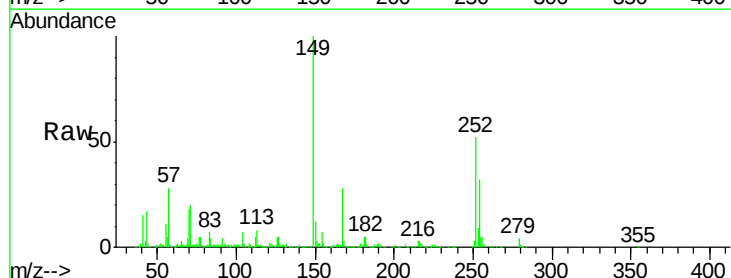
Manual Integrations
APPROVED

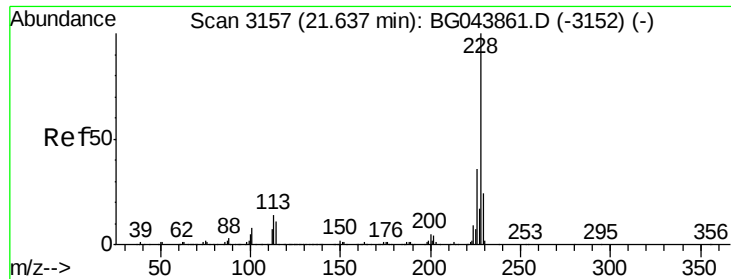
mohammad
1/23/2020 7:58:25 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.170 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.1	78.1
126	10.3	9.1	13.7





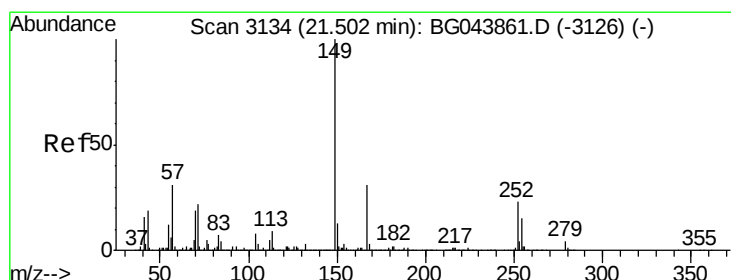
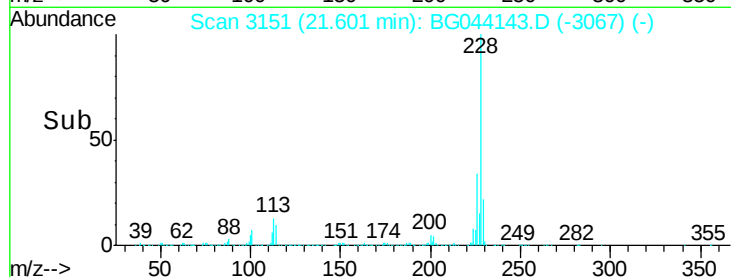
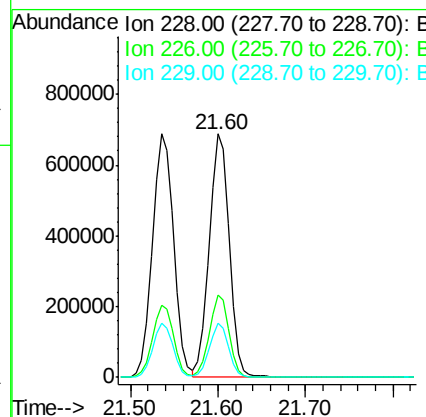
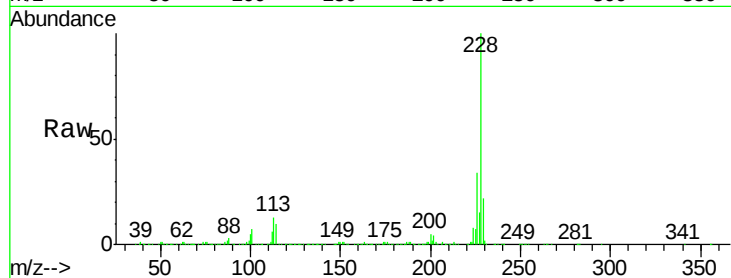
#83
Chrysene
Concen: 44.881 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion:228 Resp: 1098362
Ion Ratio Lower Upper
228 100
226 33.7 28.8 43.2
229 22.2 19.0 28.6

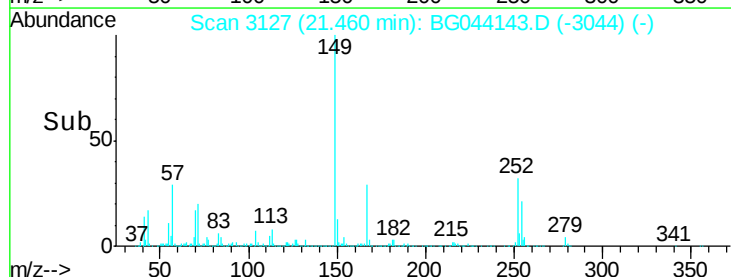
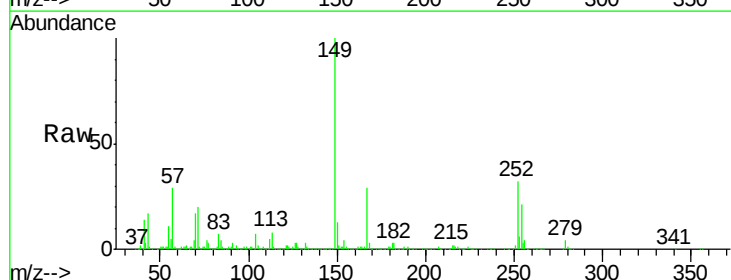
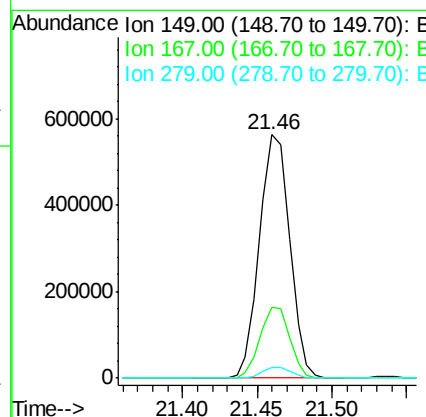
Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.326 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion:149 Resp: 789468
Ion Ratio Lower Upper
149 100
167 29.1 24.7 37.1
279 4.3 3.3 4.9





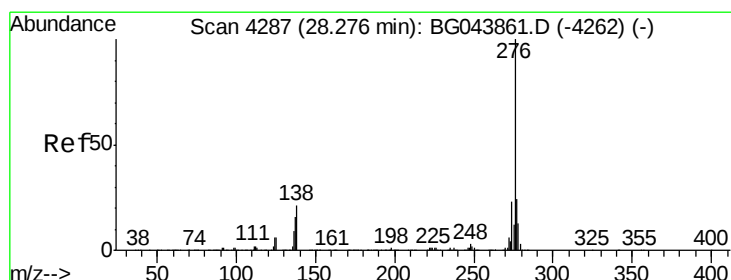
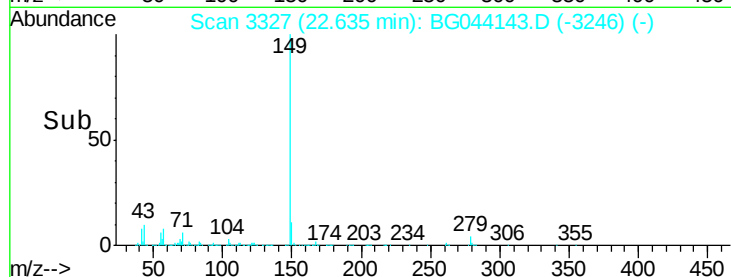
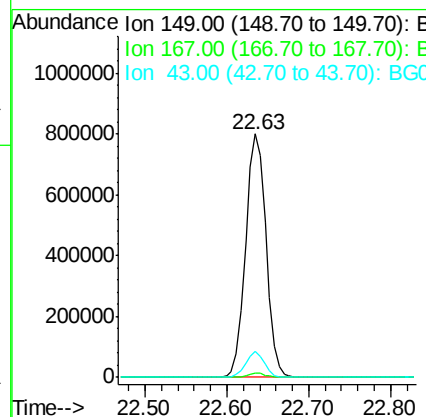
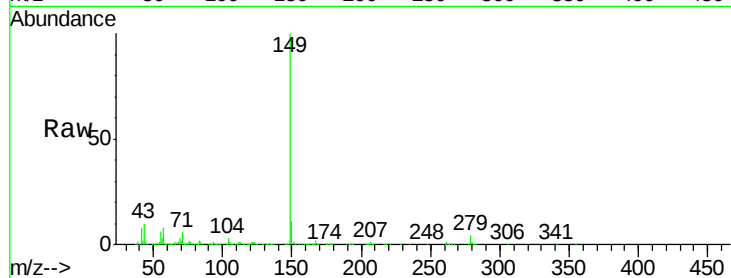
#85
Di-n-octyl phthalate
Concen: 46.253 ng
RT: 22.63 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.8	13.2

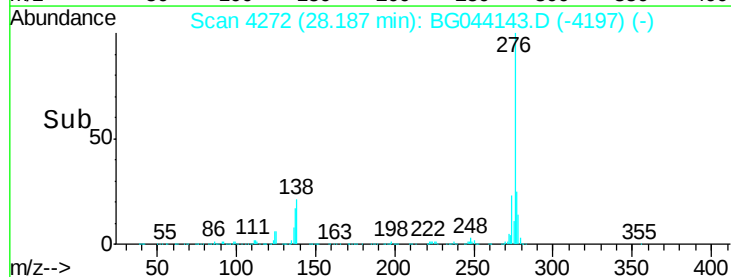
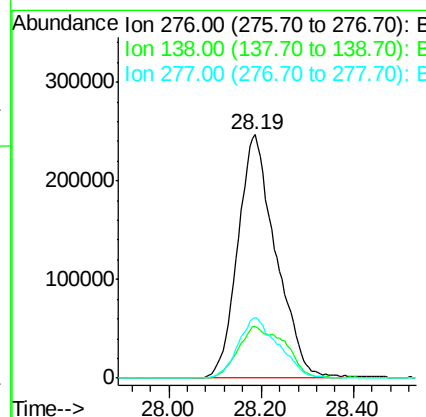
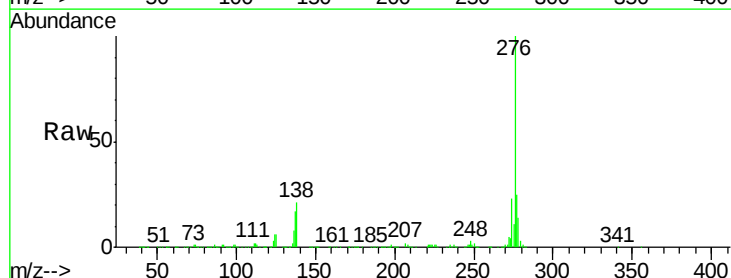
Manual Integrations
APPROVED

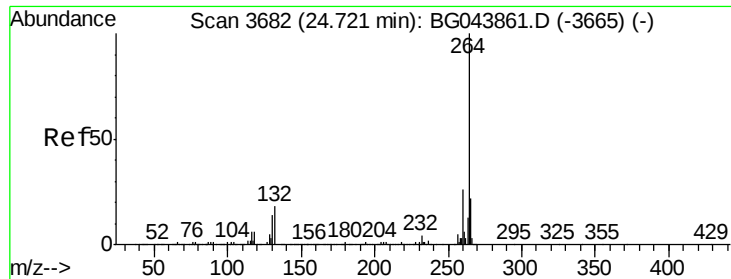
mohammad
1/23/2020 7:58:25 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.562 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.09 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.0	31.4
277	26.2	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Instrument :

BNA_G

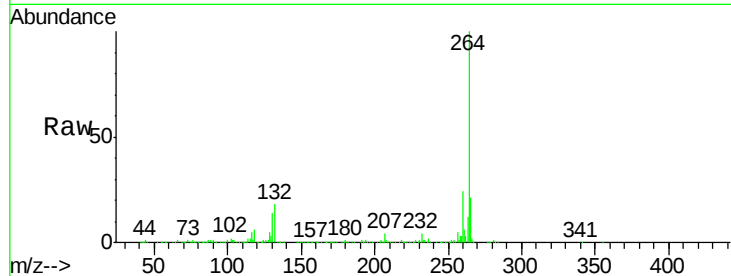
ClientSampleId :

PB126236BS

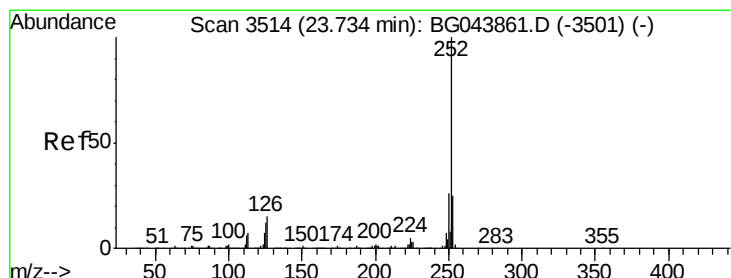
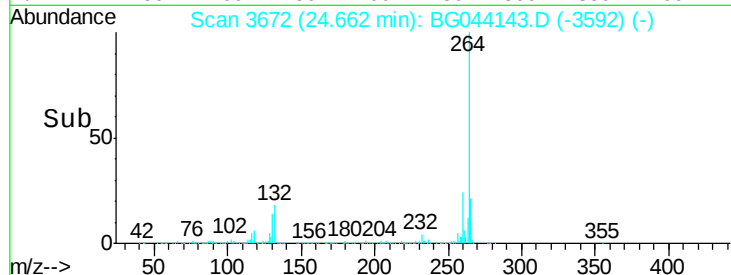
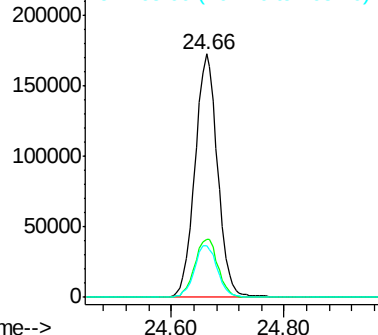
Tot Ion:	264	Resp:	481698
Ion Ratio	Lower	Upper	
264	100		
260	24.0	20.4	30.6
265	21.0	17.4	26.2

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



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



#88

Benzo(b)fluoranthene

Concen: 43.107 ng

RT: 23.68 min Scan# 3505

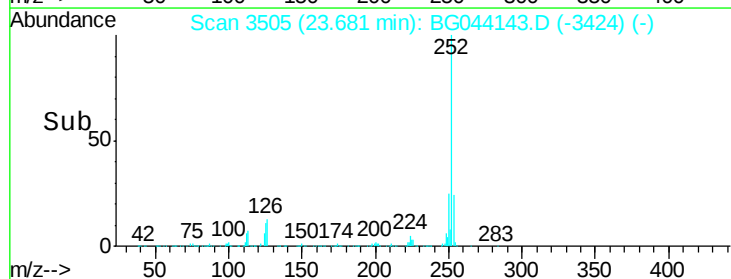
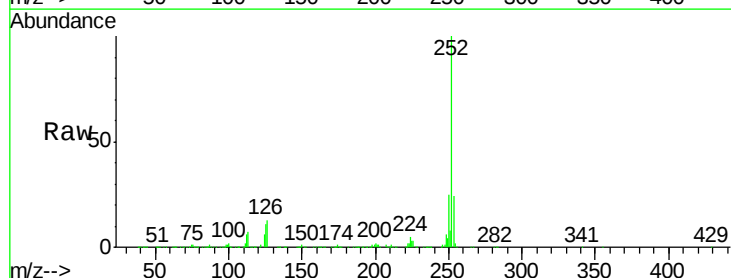
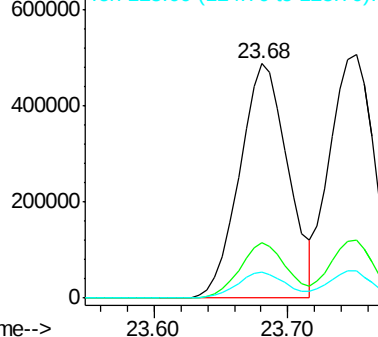
Delta R.T. -0.05 min

Lab File: BG044143.D

Acq: 21 Jan 2020 21:15

Tgt Ion:	252	Resp:	1227556
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.7	29.5
125	11.0	9.4	14.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





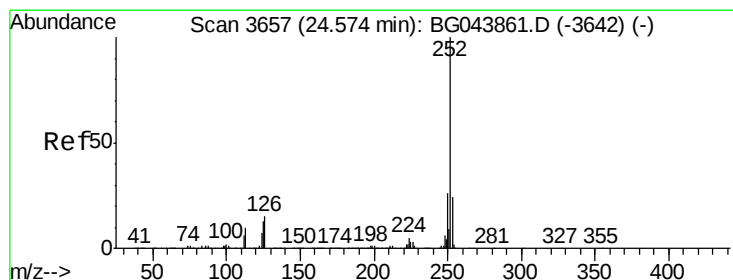
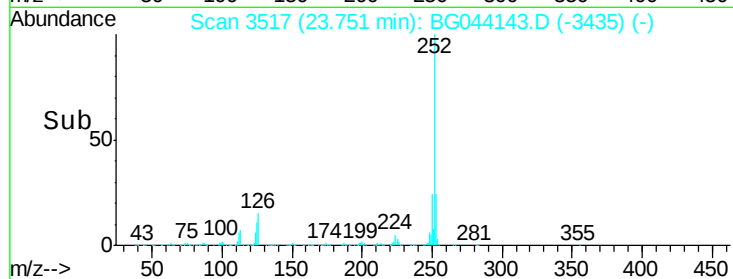
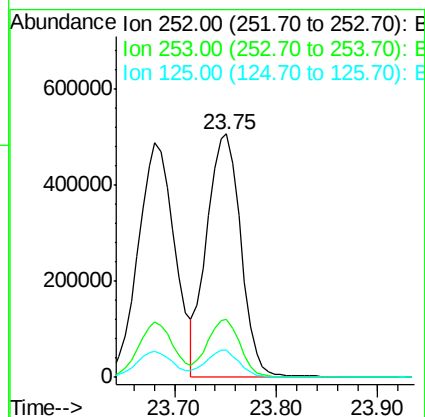
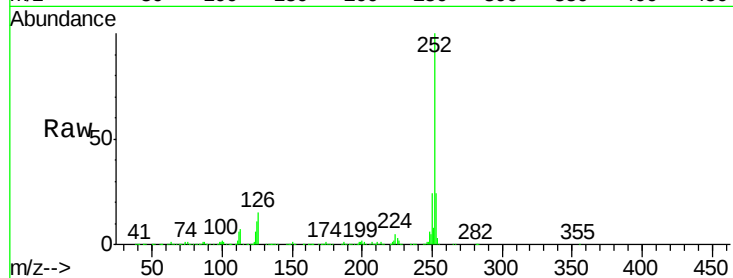
#89
Benzo(k)fluoranthene
Concen: 43.307 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	11.0	9.9	14.9

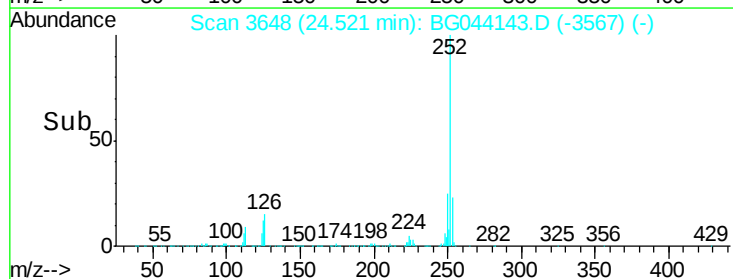
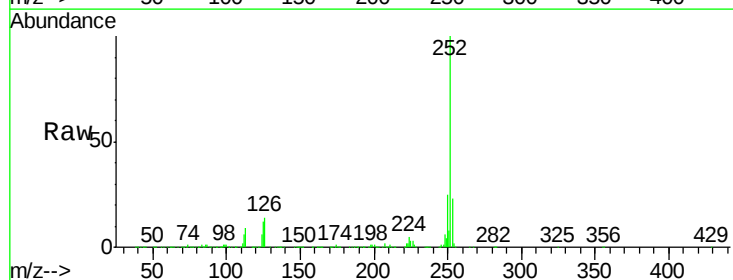
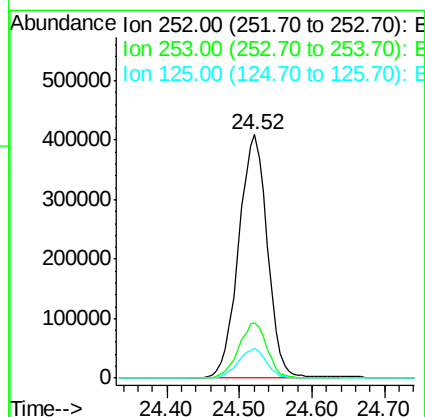
Manual Integrations
APPROVED

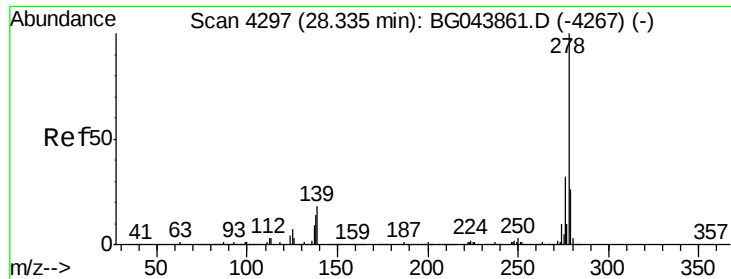
mohammad
1/23/2020 7:58:25 AM



#90
Benzo(a)pyrene
Concen: 41.868 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	12.1	10.4	15.6





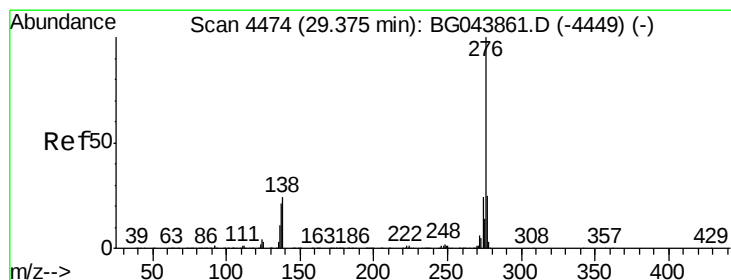
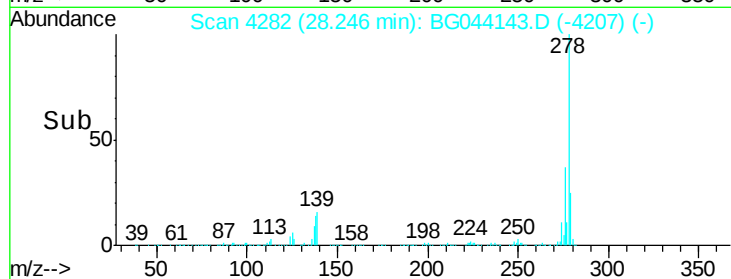
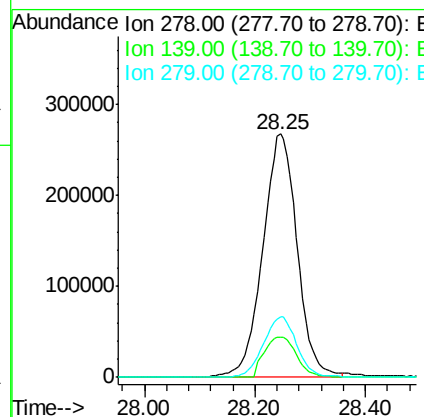
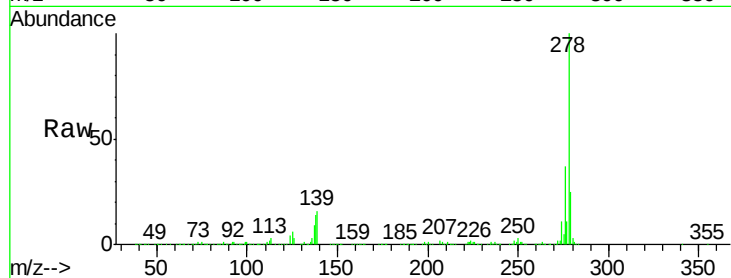
#91
Dibenzo(a,h)anthracene
Concen: 42.863 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Instrument :
BNA_G
ClientSampleId :
PB126236BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.9	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:25 AM



#92
Benzo(g,h,i)perylene
Concen: 44.329 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.09 min
Lab File: BG044143.D
Acq: 21 Jan 2020 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.4
138	21.8	19.0	28.6

