

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043506.D
 Acq On : 5 Nov 2019 13:58
 Operator : JU
 Sample : PB124540BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM

Quant Time: Nov 06 02:13:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	36289	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	149975	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	124171	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	296025	20.00	ng	0.00
76) Chrysene-d12	21.66	240	347448	20.00	ng	0.00
87) Perylene-d12	24.85	264	354515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	258536	130.55	ng	0.00
7) Phenol-d6	7.20	99	344069	120.76	ng	0.00
23) Nitrobenzene-d5	9.17	82	171371	58.91	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	230639	97.61	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	470633	52.37	ng	0.00
79) Terphenyl-d14	20.00	244	989800	53.44	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	29147	37.768 ng	96
3) Pyridine	3.87	79	65394	33.592 ng	98
4) n-Nitrosodimethylamine	3.78	42	42109	42.866 ng	97
6) Aniline	7.34	93	109666	33.412 ng	99
8) 2-Chlorophenol	7.59	128	102314	46.802 ng	96
9) Benzaldehyde	7.15	77	50626	36.155 ng	96
10) Phenol	7.23	94	124582	47.849 ng	96
11) bis(2-Chloroethyl)ether	7.43	93	82176	40.823 ng	99
12) 1,3-Dichlorobenzene	7.90	146	111261	40.621 ng	99
13) 1,4-Dichlorobenzene	8.05	146	114442	41.297 ng	98
14) 1,2-Dichlorobenzene	8.37	146	107991	39.912 ng	98
15) Benzyl Alcohol	8.25	79	91849	45.900 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	113062	38.627 ng	96
17) 2-Methylphenol	8.47	107	86339	45.488 ng	97
18) Hexachloroethane	9.10	117	40699	40.707 ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	75373	40.938 ng	92
20) 3+4-Methylphenols	8.80	107	116385	44.717 ng	95
22) Acetophenone	8.83	105	151216	39.372 ng	# 98
24) Nitrobenzene	9.22	77	112145	40.468 ng	# 96
25) Isophorone	9.74	82	216575	40.721 ng	98
26) 2-Nitrophenol	9.93	139	59785	44.686 ng	92
27) 2,4-Dimethylphenol	9.99	122	95571	49.840 ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	115127	39.220 ng	99
29) 2,4-Dichlorophenol	10.48	162	111551	45.403 ng	88
30) 1,2,4-Trichlorobenzene	10.68	180	120700	38.978 ng	97
31) Naphthalene	10.87	128	319476	41.966 ng	98
32) Benzoic acid	10.18	122	48089	35.701 ng	93
33) 4-Chloroaniline	10.98	127	83700	26.822 ng	98
34) Hexachlorobutadiene	11.15	225	85660	37.421 ng	96
35) Caprolactam	11.75	113	35777m	42.281 ng	
36) 4-Chloro-3-methylphenol	12.12	107	114867	42.861 ng	92
37) 2-Methylnaphthalene	12.47	142	244520	41.862 ng	98
38) 1-Methylnaphthalene	12.69	142	230883	41.544 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	156523	34.061 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043506.D
 Acq On : 5 Nov 2019 13:58
 Operator : JU
 Sample : PB124540BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM

Quant Time: Nov 06 02:13:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	140035	58.010	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	100815	37.252	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	103346	37.773	nq	96
46) 1,1'-Biphenyl	13.47	154	323057	34.199	nq	97
47) 2-Chloronaphthalene	13.52	162	253304	35.243	nq	99
48) 2-Nitroaniline	13.72	65	77047	35.867	nq	92
49) Acenaphthylene	14.37	152	412105	36.841	nq	98
50) Dimethylphthalate	14.10	163	333662	34.692	nq	99
51) 2,6-Dinitrotoluene	14.21	165	75754	36.255	nq	94
52) Acenaphthene	14.71	154	242244	35.511	nq	95
53) 3-Nitroaniline	14.55	138	56553	28.033	nq	100
54) 2,4-Dinitrophenol	14.76	184	88910	69.222	nq	95
55) Dibenzofuran	15.04	168	401890	36.329	nq	99
56) 4-Nitrophenol	14.89	139	114489	84.688	nq	91
57) 2,4-Dinitrotoluene	15.01	165	112790	37.772	nq	99
58) Fluorene	15.69	166	336883	36.309	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	110251	37.928	nq	96
60) Diethylphthalate	15.46	149	341219	35.309	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	191223	35.329	nq	98
62) 4-Nitroaniline	15.72	138	78243	37.555	nq	99
63) Azobenzene	15.98	77	280049	35.806	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	68259	39.182	nq	90
66) n-Nitrosodiphenylamine	15.89	169	303733	36.342	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	137213	34.442	nq	96
68) Hexachlorobenzene	16.70	284	155765	34.062	nq	94
69) Atrazine	16.84	200	135311	46.594	nq	97
70) Pentachlorophenol	17.05	266	165045	79.207	nq	99
71) Phenanthrene	17.43	178	551449	36.378	nq	99
72) Anthracene	17.52	178	571804	37.702	nq	98
73) Carbazole	17.80	167	531779	38.719	nq	97
74) Di-n-butylphthalate	18.34	149	629275	37.761	nq	100
75) Fluoranthene	19.44	202	750397	37.971	nq	100
77) Benzidine	19.62	184	202470	28.955	nq	100
78) Pyrene	19.80	202	762512	35.455	nq	100
80) Butylbenzylphthalate	20.68	149	291294	35.750	nq	94
81) Benzo(a)anthracene	21.64	228	789880	36.293	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	268488	31.895	nq	96
83) Chrysene	21.70	228	760162	35.153	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	420999	36.373	nq	99
85) Di-n-octyl phthalate	22.74	149	725793	36.961	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1013128	37.325	nq	99
88) Benzo(b)fluoranthene	23.84	252	817894	40.735	nq	98
89) Benzo(k)fluoranthene	23.91	252	846741	41.890	nq	97
90) Benzo(a)pyrene	24.71	252	768879	40.101	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	858546	43.777	nq	98
92) Benzo(g,h,i)perylene	29.65	276	851782	44.031	nq	98

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



#1

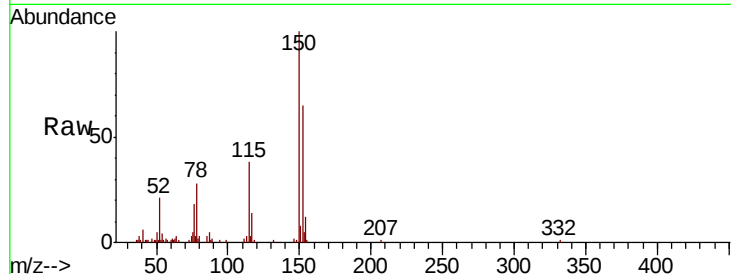
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	129.4	194.0
115	57.5	48.8	73.2

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM

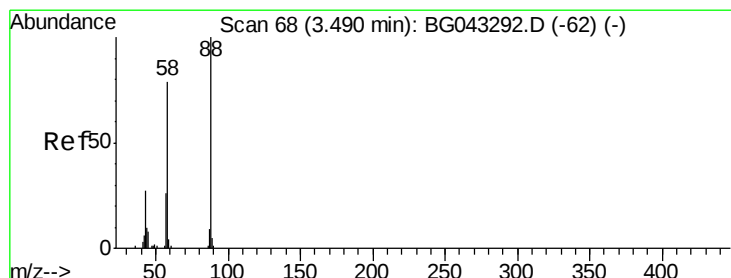
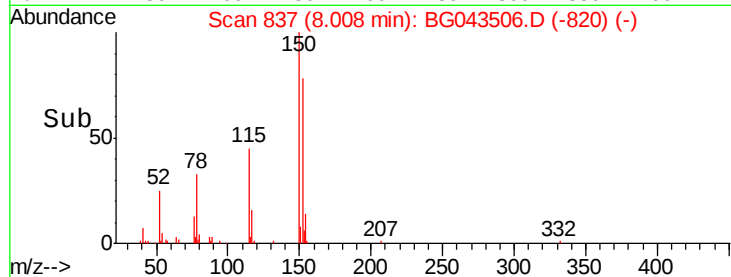
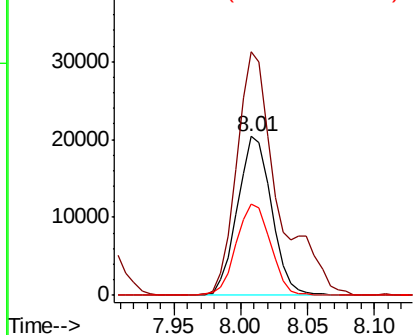


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

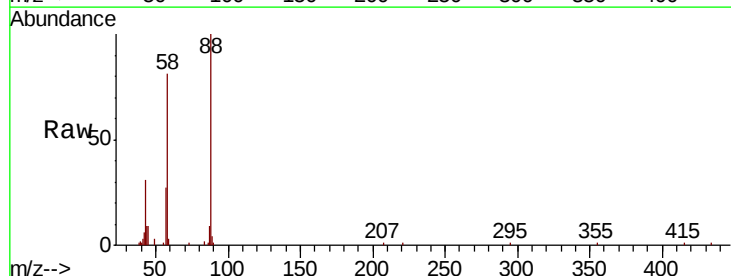
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.768 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	62.7	94.1
43	33.9	23.7	35.5

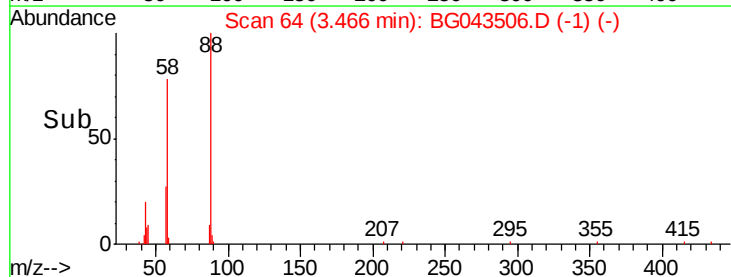
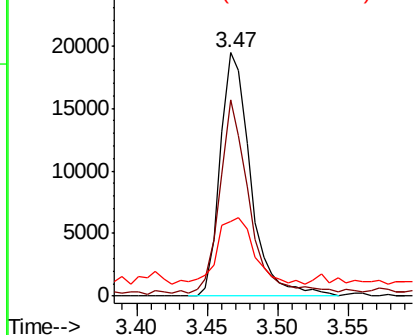


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.592 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

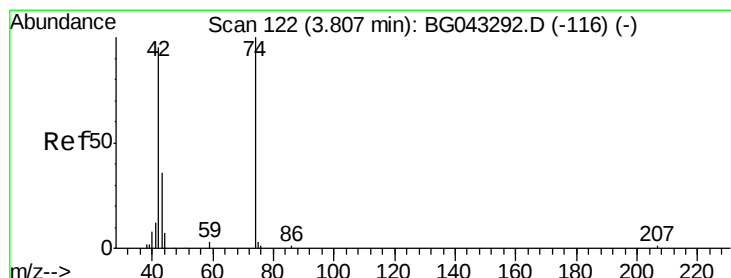
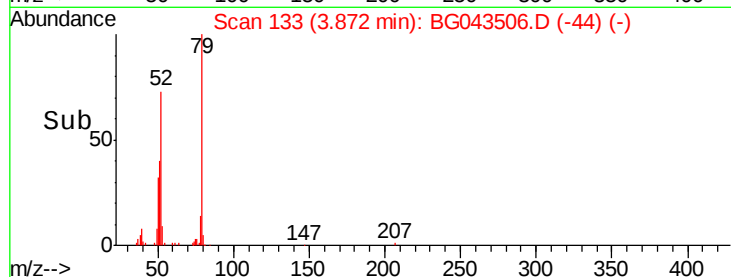
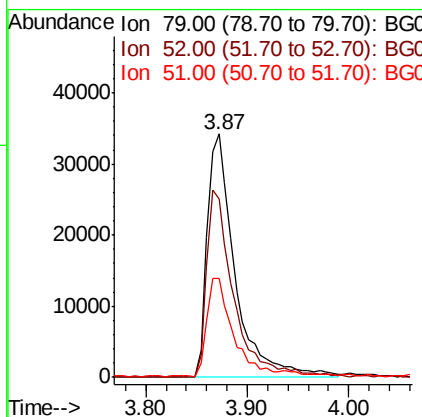
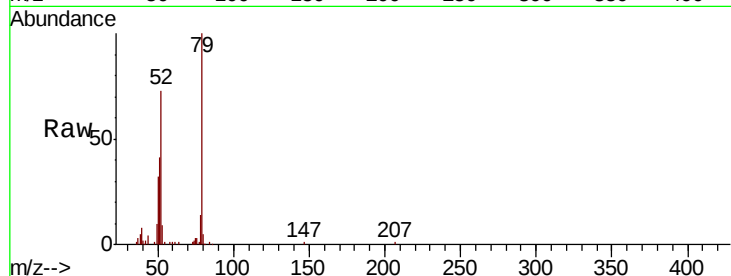
ClientSampleId :

PB124540BS

Tot Ion:	79	Resp:	65394
Ion	Ratio	Lower	Upper
79	100		
52	73.2	56.5	84.7
51	40.8	33.2	49.8

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#4

n-Nitrosodimethylamine

Concen: 42.866 ng

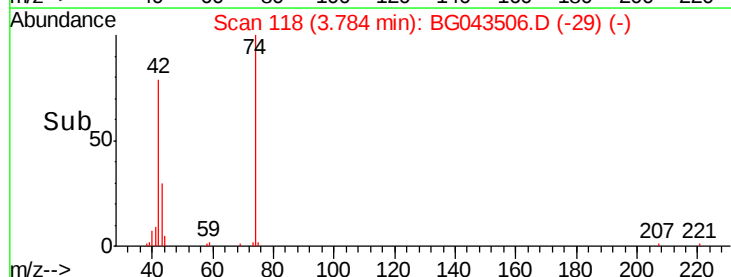
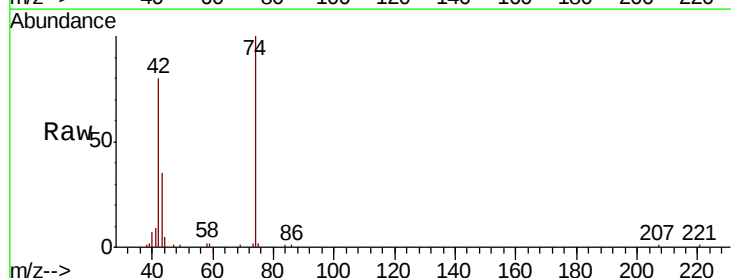
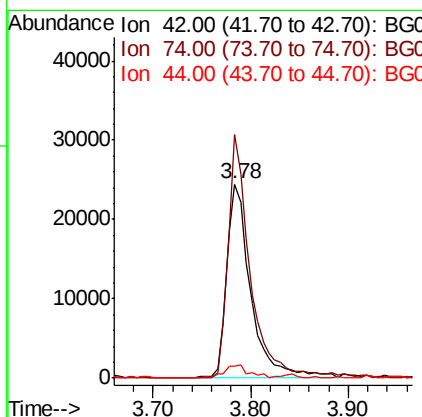
RT: 3.78 min Scan# 118

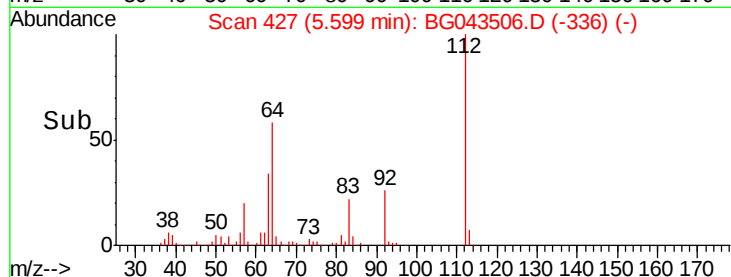
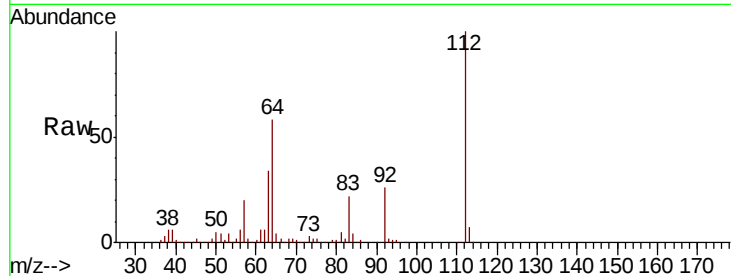
Delta R.T. -0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	42	Resp:	42109
Ion	Ratio	Lower	Upper
42	100		
74	125.4	97.3	145.9
44	6.4	4.4	6.6





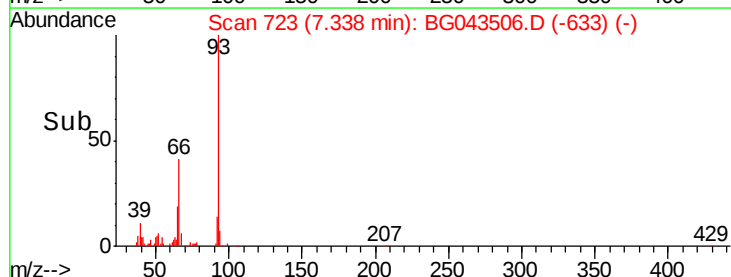
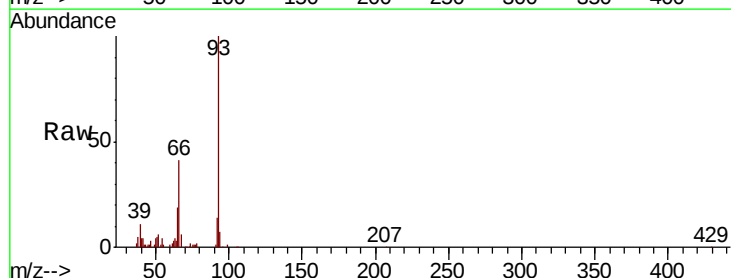
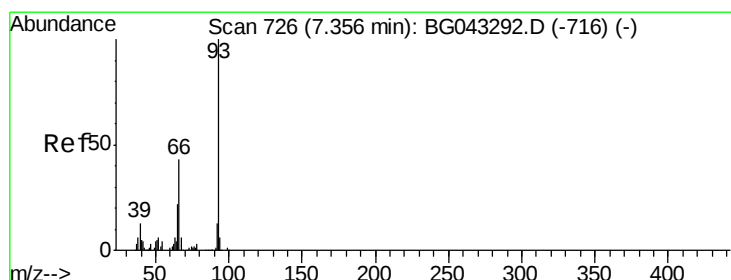
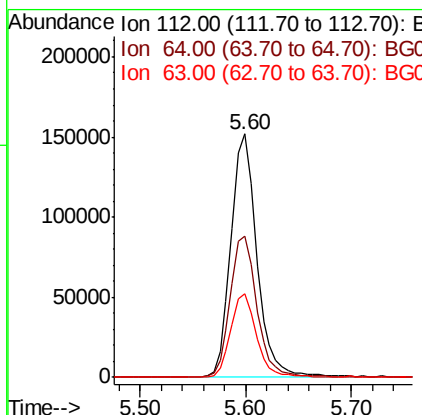
#5
2-Fluorophenol
Concen: 130.550 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.2	50.0	75.0
63	34.2	26.6	40.0

Instrument :
BNA_G
ClientSampleId :
PB124540BS

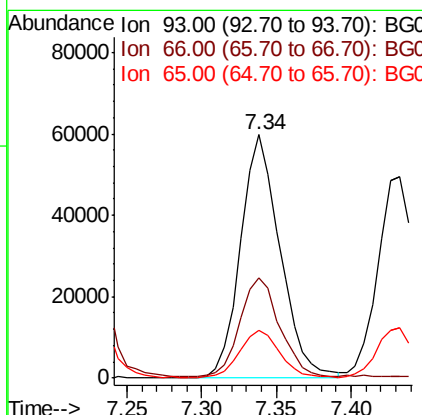
Manual Integrations
APPROVED

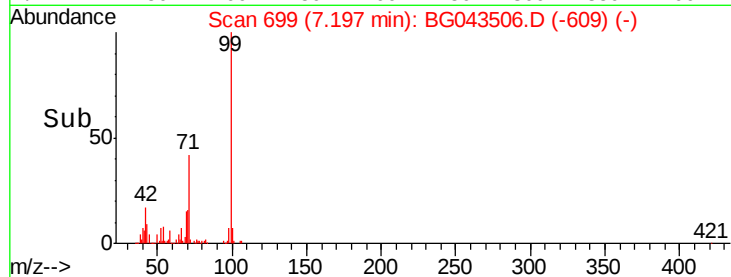
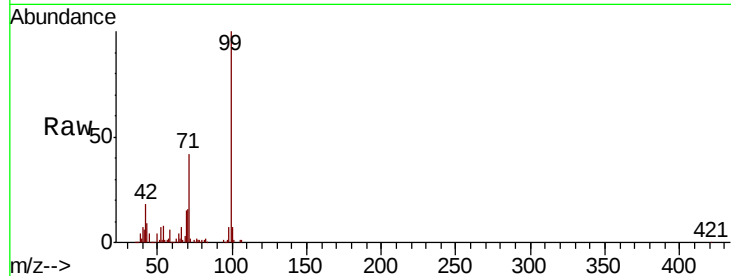
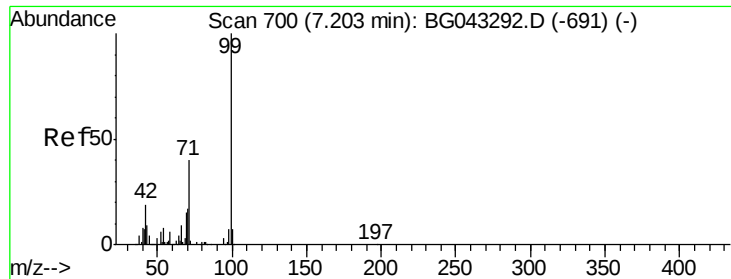
mohammad
11/6/2019 8:41:04 AM



#6
Aniline
Concen: 33.412 ng
RT: 7.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.2	32.3	48.5
65	19.5	16.1	24.1





#7

Phenol-d6

Concen: 120.757 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tot Ion:	99	Resp:	344069
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.6	21.8
71	42.0	32.5	48.7

Instrument :

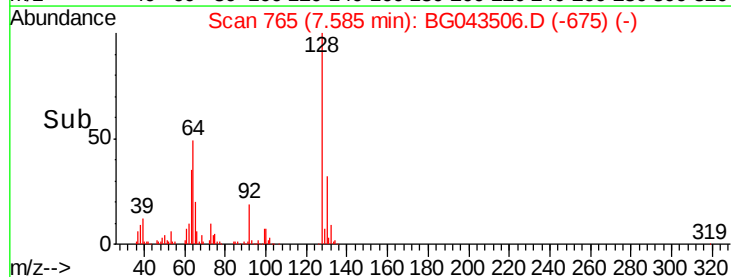
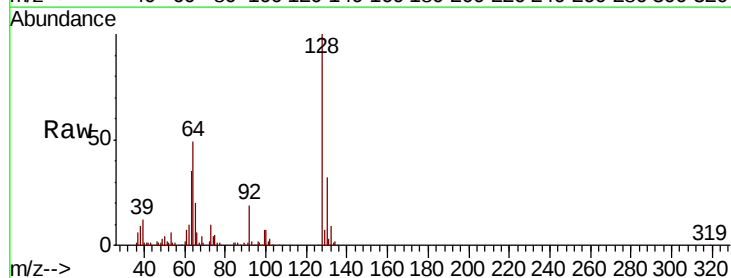
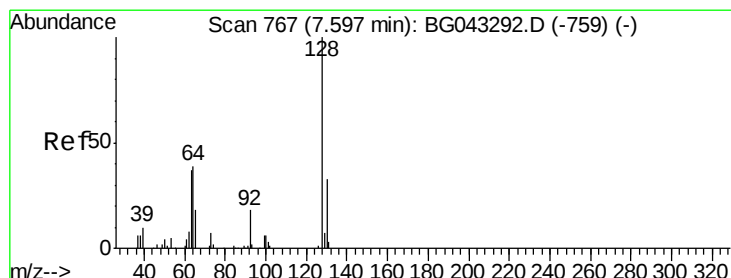
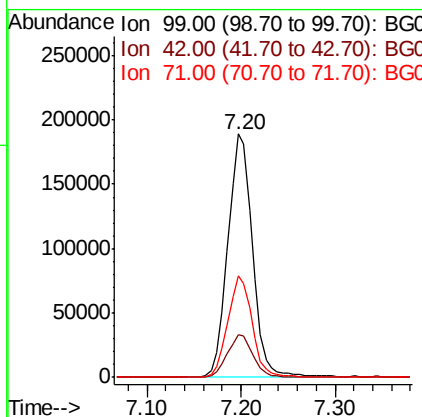
BNA_G

ClientSampleId :

PB124540BS

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#8

2-Chlorophenol

Concen: 46.802 ng

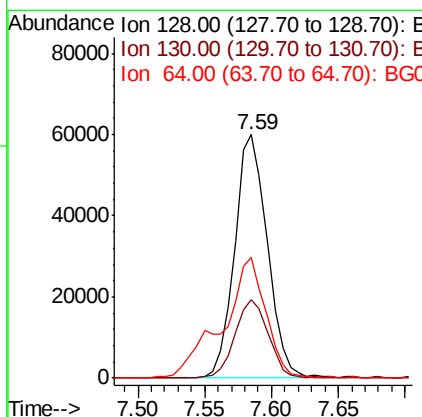
RT: 7.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	128	Resp:	102314
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	49.4	25.3	65.3





#9

Benzaldehyde

Concen: 36.155 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

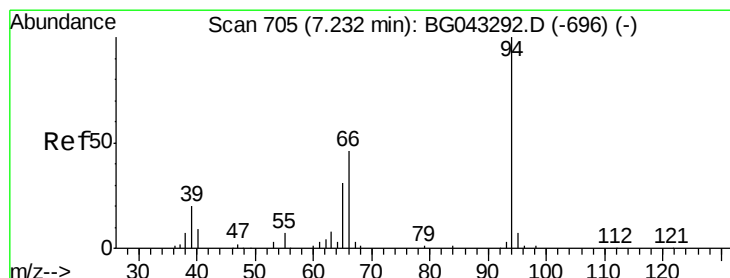
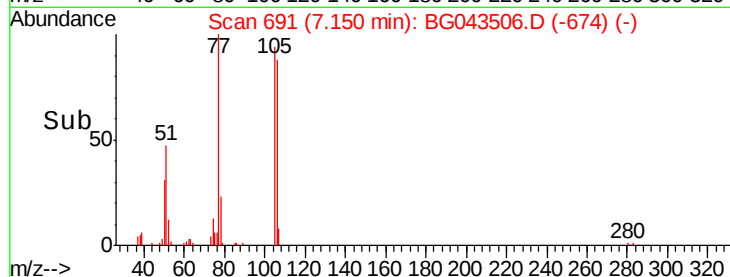
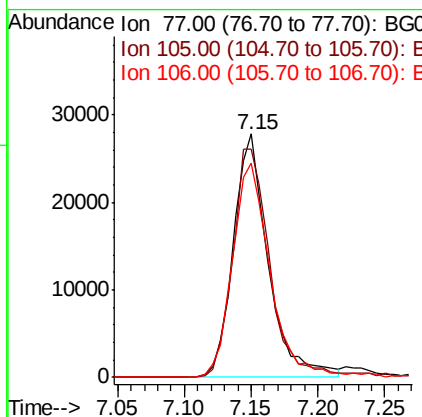
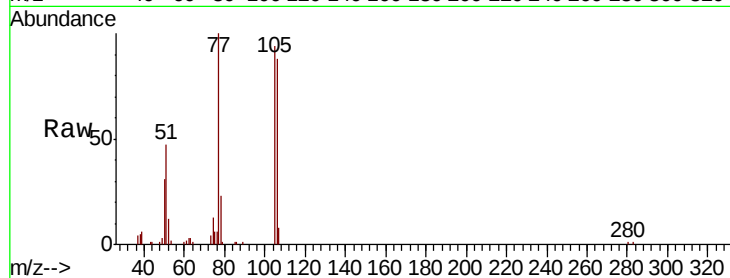
ClientSampleId :

PB124540BS

Tot Ion:	77	Resp:	50626
Ion	Ratio	Lower	Upper
77	100		
105	93.7	68.6	108.6
106	87.9	69.9	109.9

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#10

Phenol

Concen: 47.849 ng

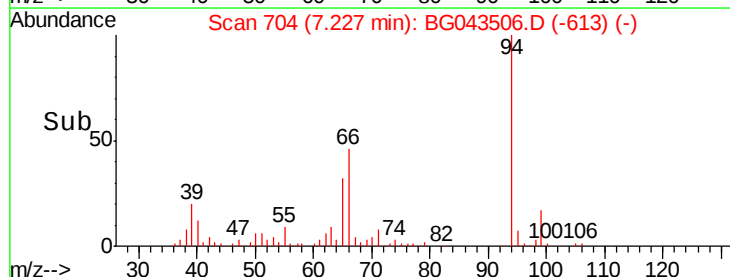
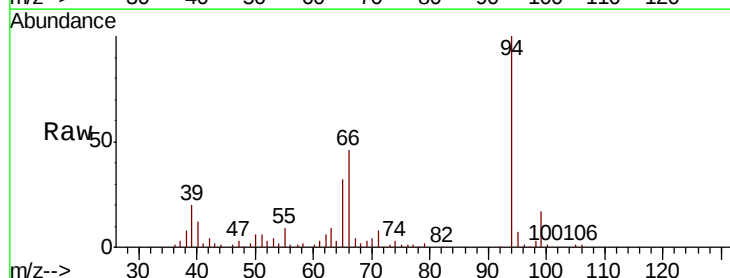
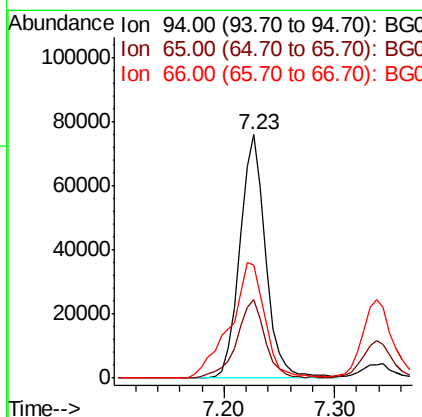
RT: 7.23 min Scan# 704

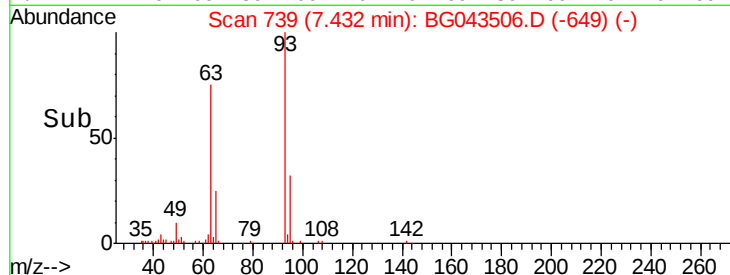
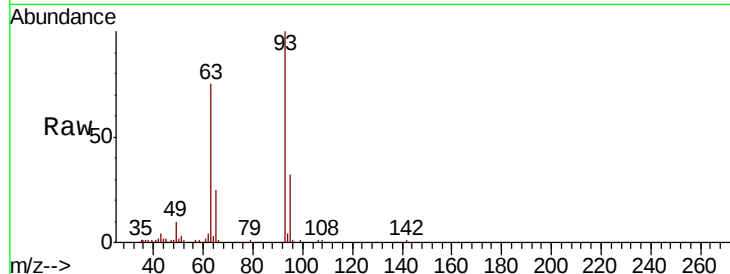
Delta R.T. 0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	94	Resp:	124582
Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	46.3	30.7	70.7





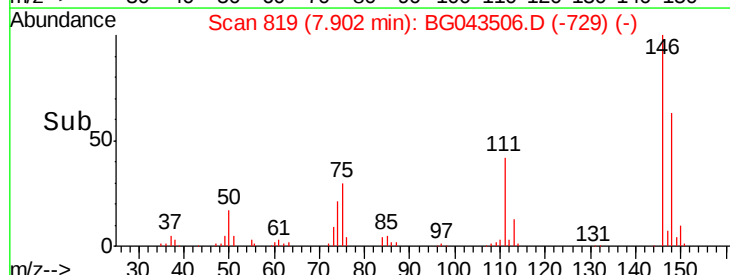
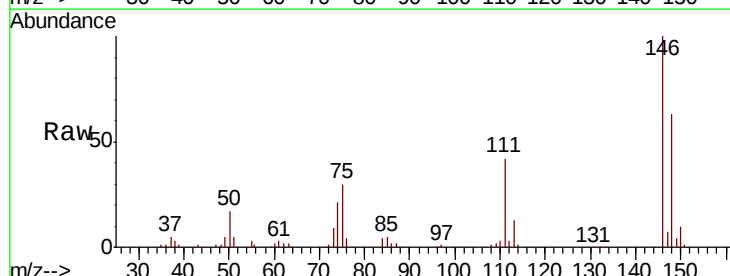
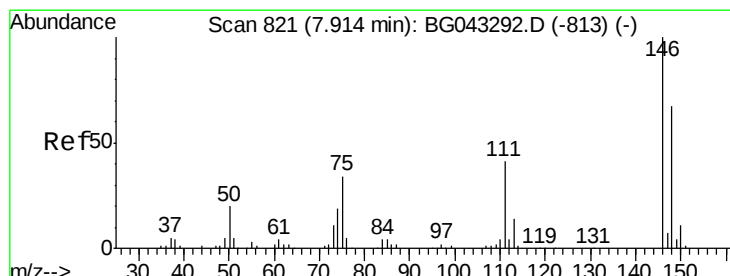
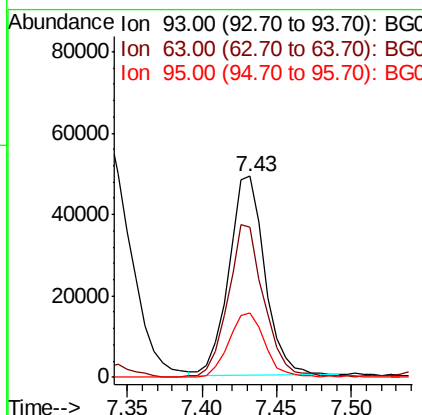
#11
bis(2-Chloroethyl)ether
Concen: 40.823 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tot Ion:	93	Resp:	82176
Ion	Ratio	Lower	Upper
93	100		
63	74.9	56.3	96.3
95	32.0	12.2	52.2

Instrument :
BNA_G
ClientSampleId :
PB124540BS

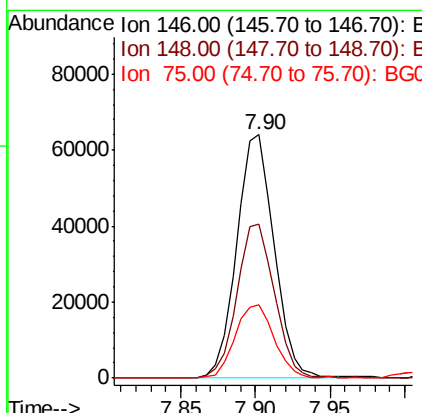
Manual Integrations
APPROVED

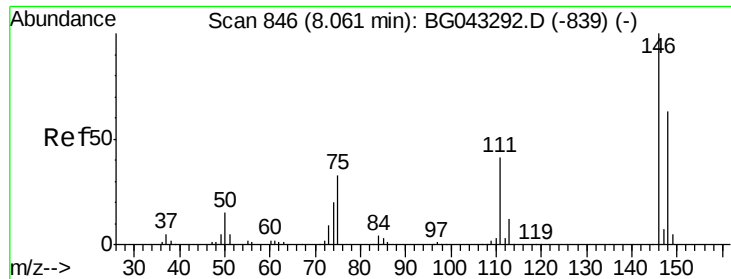
mohammad
11/6/2019 8:41:04 AM



#12
1,3-Dichlorobenzene
Concen: 40.621 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion:	146	Resp:	111261
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
75	30.2	24.6	37.0





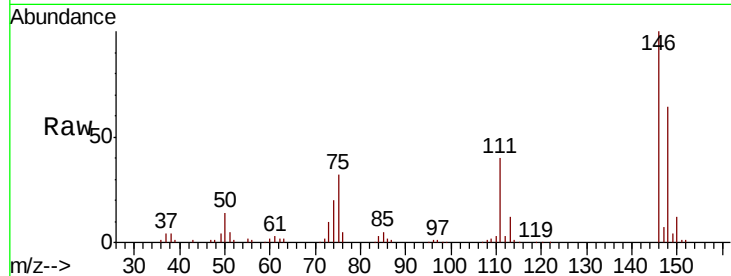
#13
 1,4-Dichlorobenzene
 Concen: 41.297 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.7	76.1
111	39.8	33.4	50.2

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM

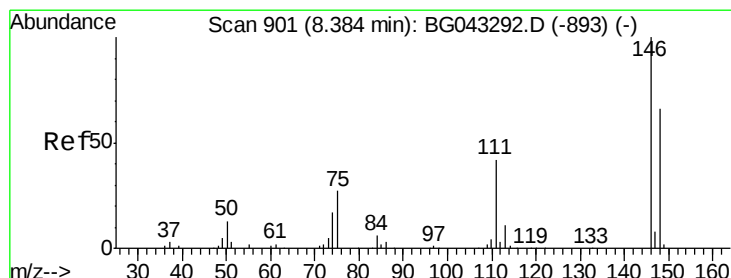
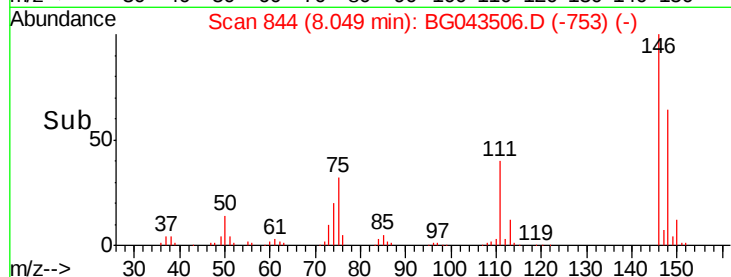
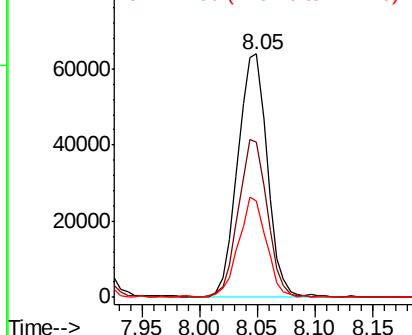


Abundance

Ion 146.00 (145.70 to 146.70): E

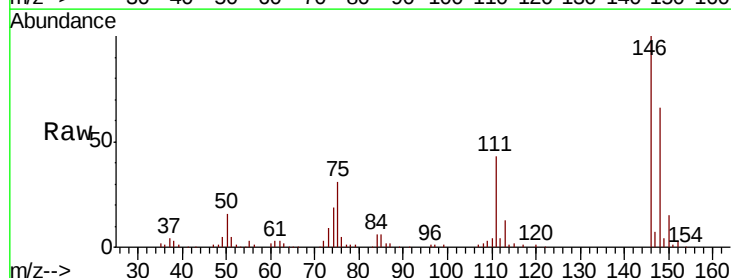
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.912 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.2	79.8
111	42.7	35.8	53.6

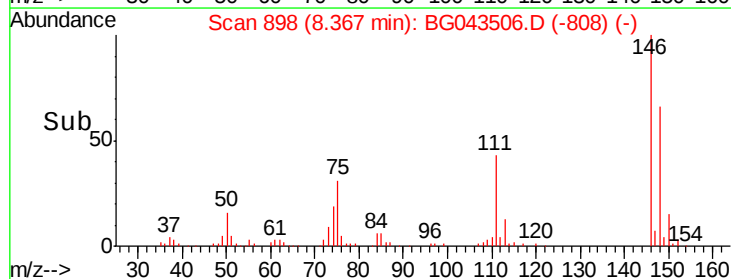
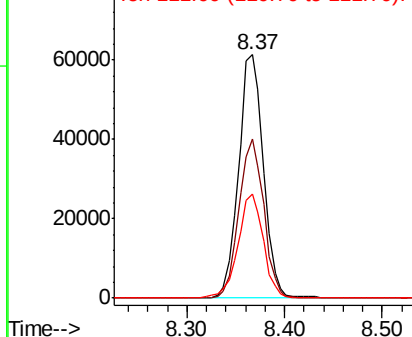


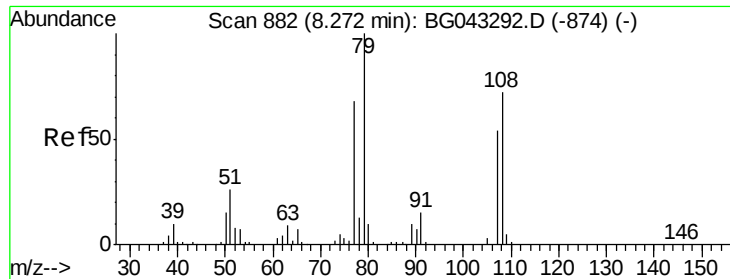
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





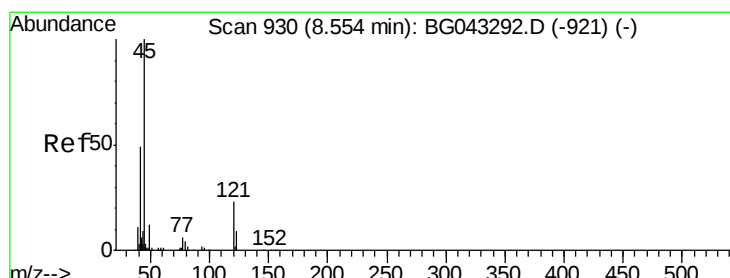
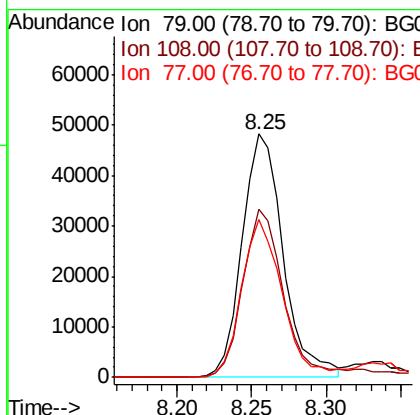
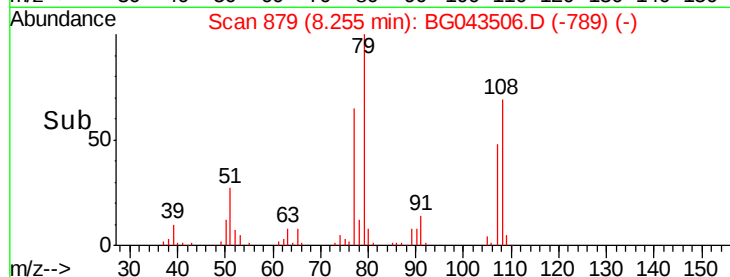
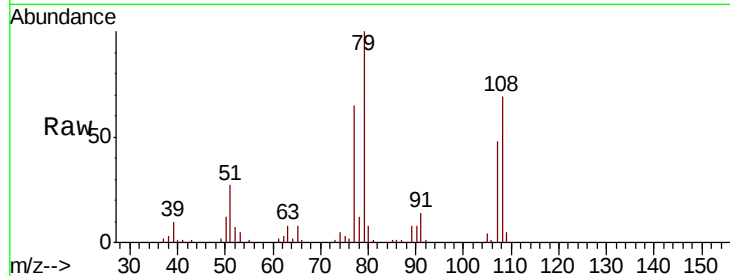
#15
Benzyl Alcohol
Concen: 45.900 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	53.6	80.4
77	64.8	49.6	74.4

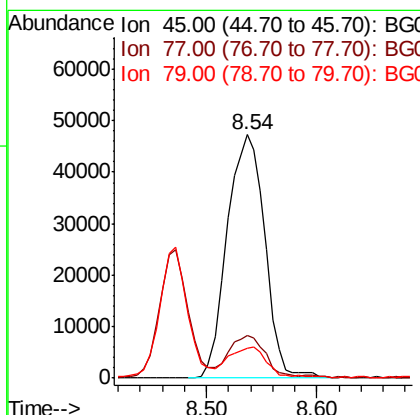
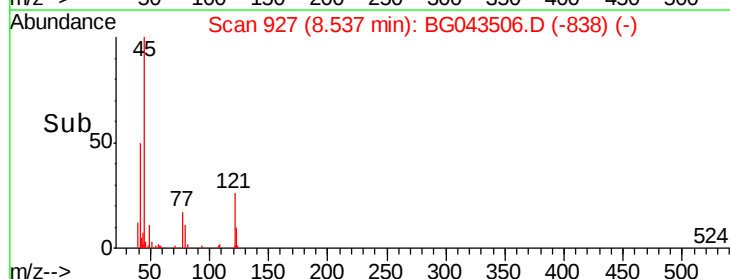
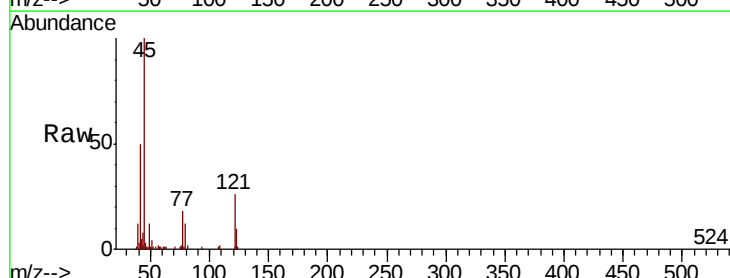
Manual Integrations
APPROVED

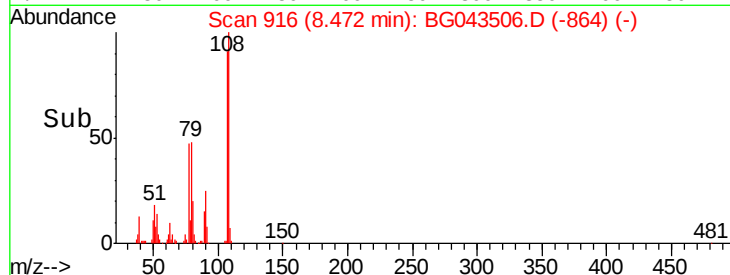
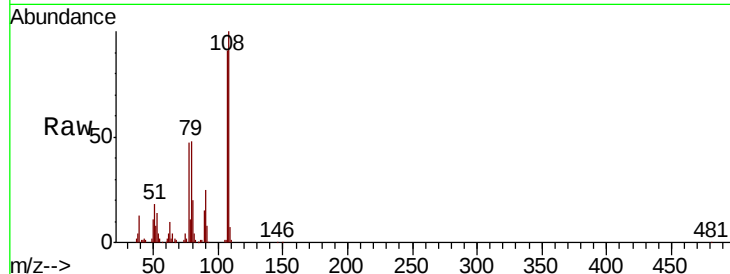
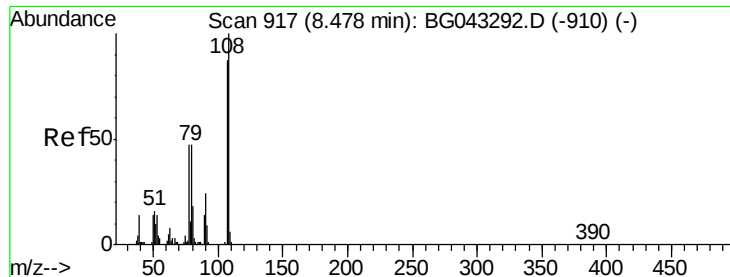
mohammad
11/6/2019 8:41:04 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.627 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	34.9
79	12.3	0.0	33.0





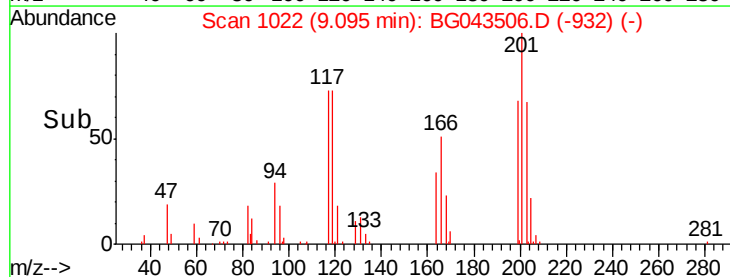
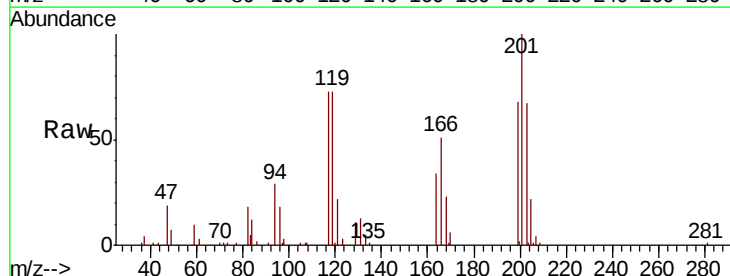
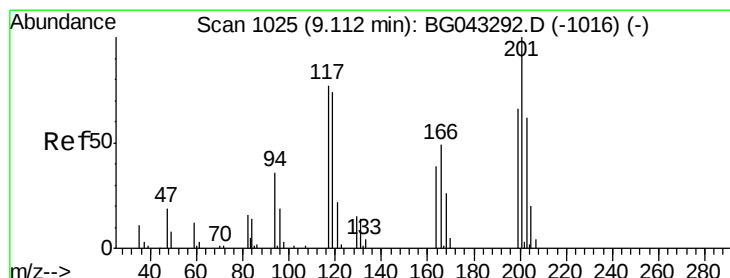
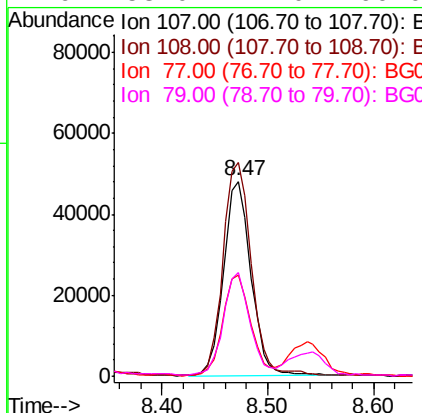
#17
2-Methylphenol
Concen: 45.488 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	90.2	135.4	
77	52.1	40.2	60.2	
79	53.0	44.0	66.0	

Instrument :
BNA_G
ClientSampleId :
PB124540BS

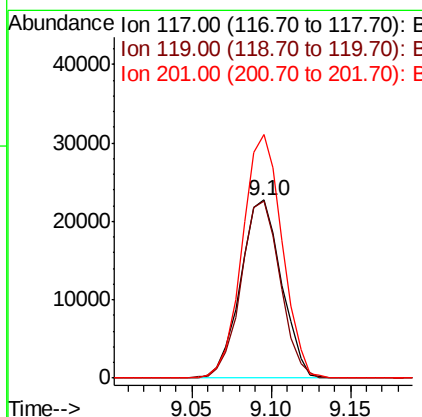
Manual Integrations
APPROVED

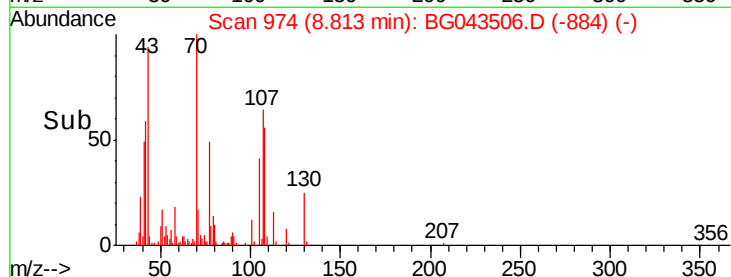
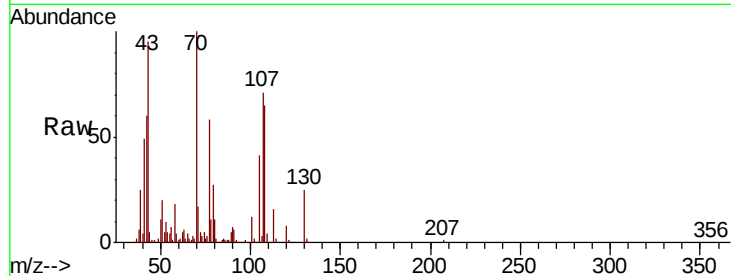
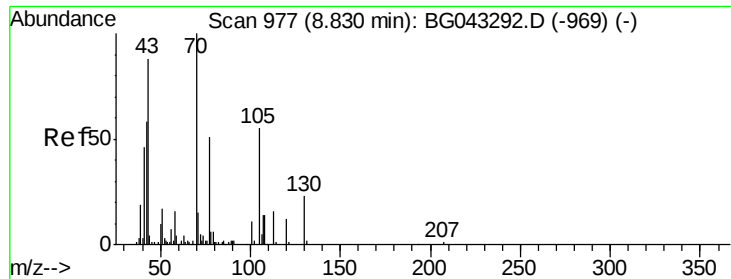
mohammad
11/6/2019 8:41:04 AM



#18
Hexachloroethane
Concen: 40.707 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	79.0	118.4	
201	136.8	105.4	158.2	





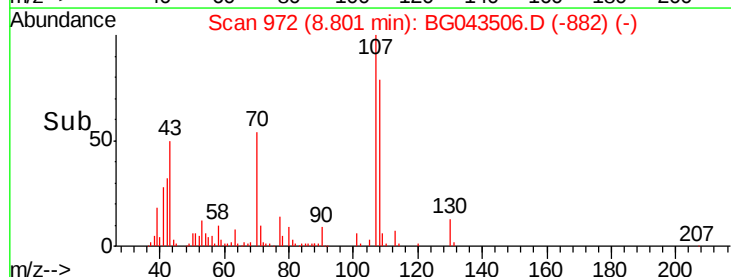
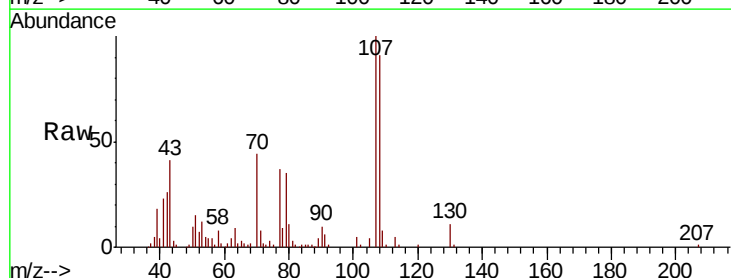
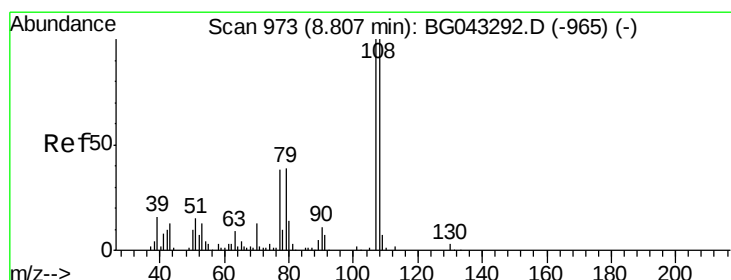
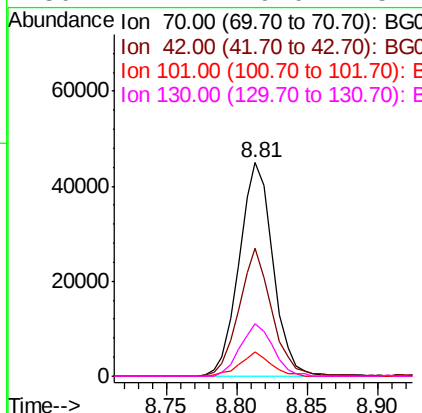
#19
n-Nitroso-di-n-propylamine
Concen: 40.938 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.7	41.4	62.2	
101	11.6	7.9	11.9	
130	24.7	19.0	28.4	

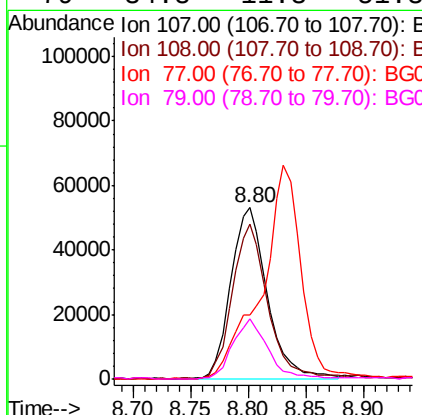
Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#20
3+4-Methylphenols
Concen: 44.717 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	66.6	106.6	
77	37.1	20.9	60.9	
79	34.8	11.3	51.3	





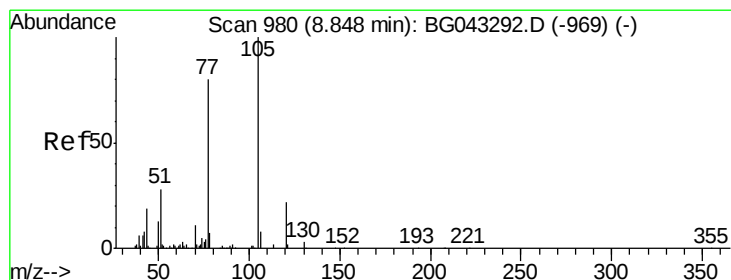
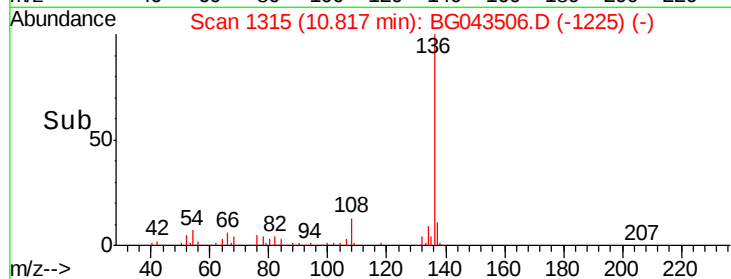
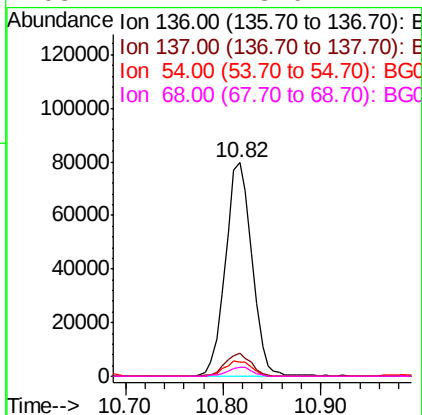
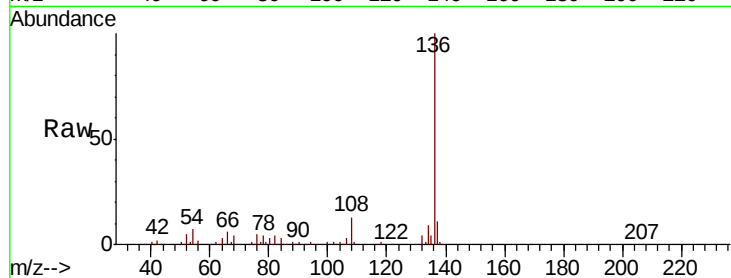
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		149975		
137	10.7		8.7	13.1	
54	6.8		5.4	8.2	
68	4.4		3.0	4.4	

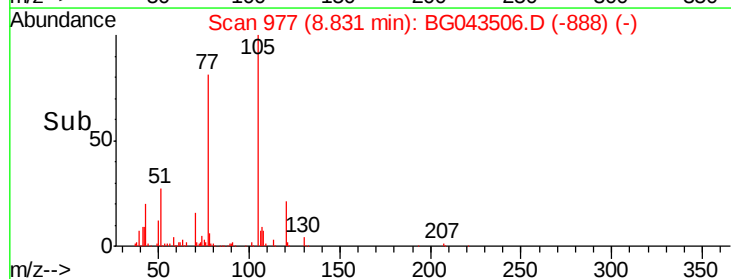
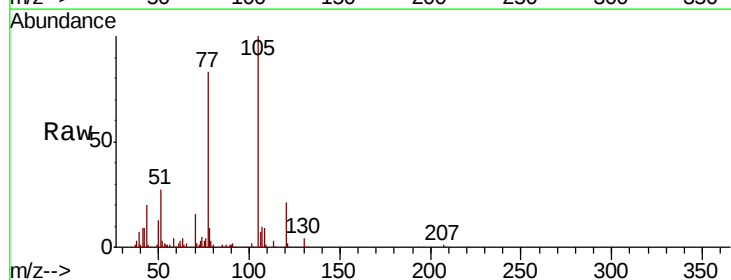
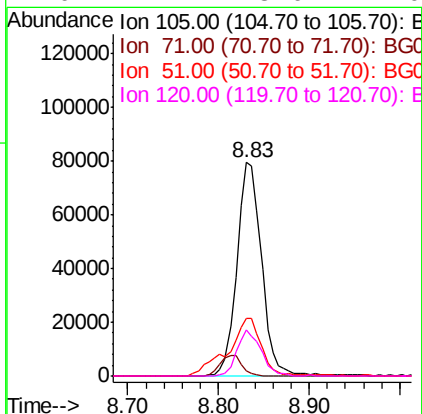
Manual Integrations
APPROVED

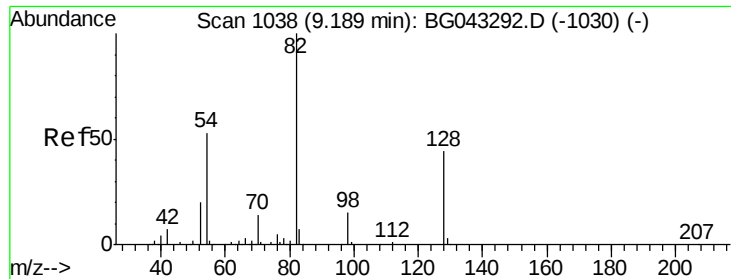
mohammad
11/6/2019 8:41:04 AM



#22
Acetophenone
Concen: 39.372 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		151216		
71	2.3		0.8	1.2#	
51	27.0		21.0	31.4	
120	21.4		18.0	27.0	





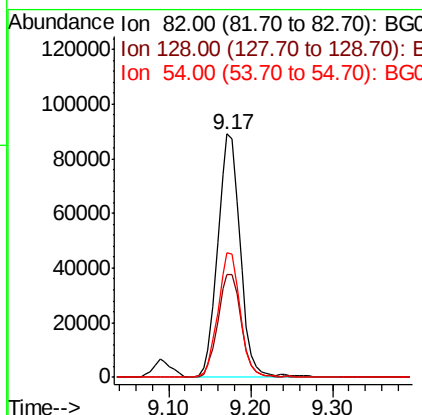
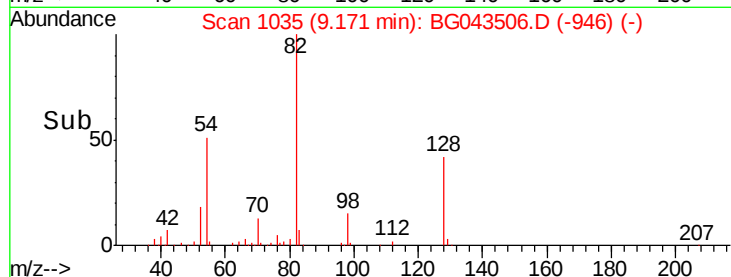
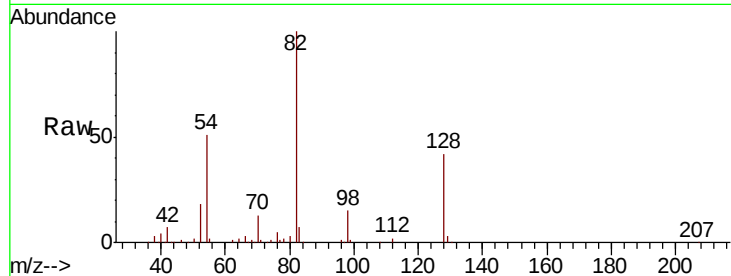
#23
 Nitrobenzene-d5
 Concen: 58.909 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.0	52.6
54	51.3	40.2	60.2

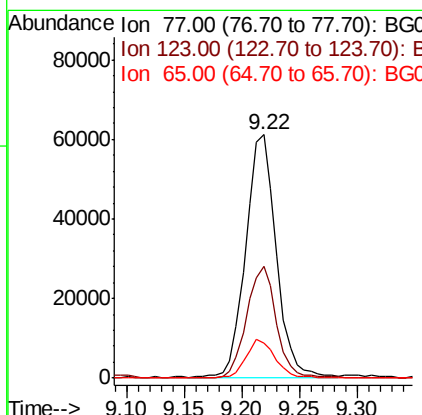
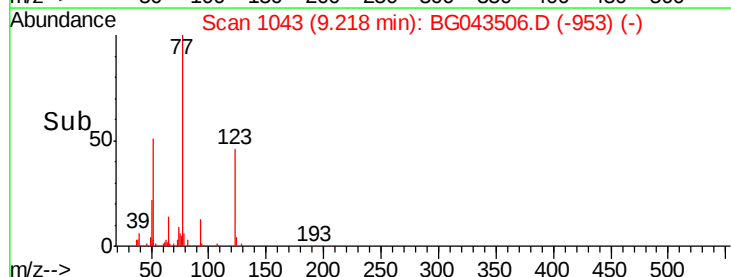
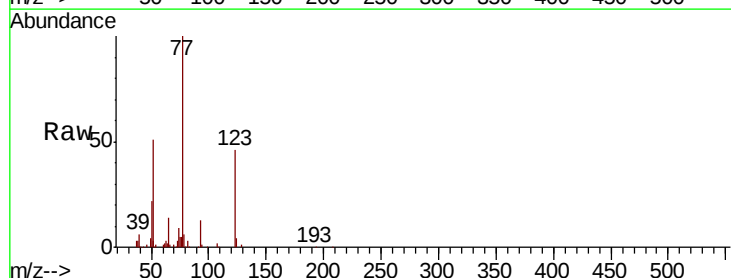
Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM



#24
 Nitrobenzene
 Concen: 40.468 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.0	52.6
65	14.4	9.5	14.3#





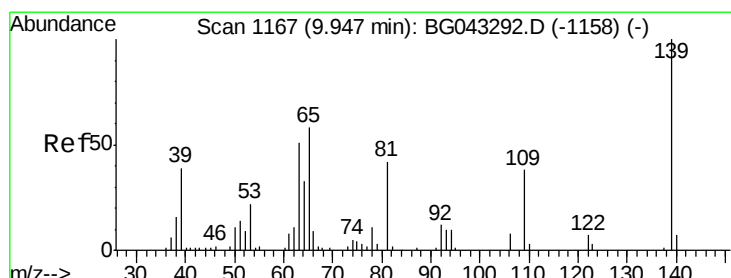
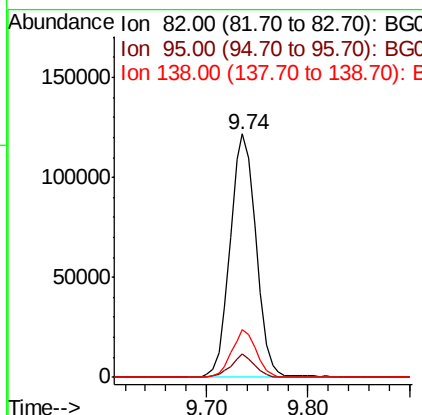
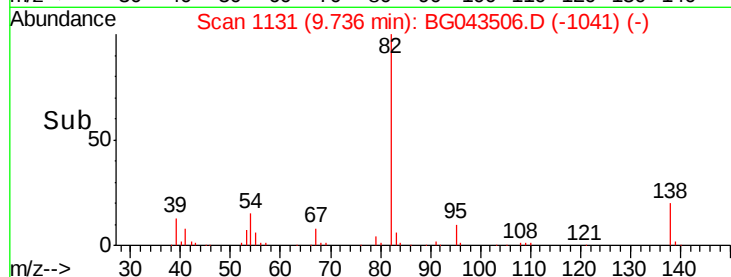
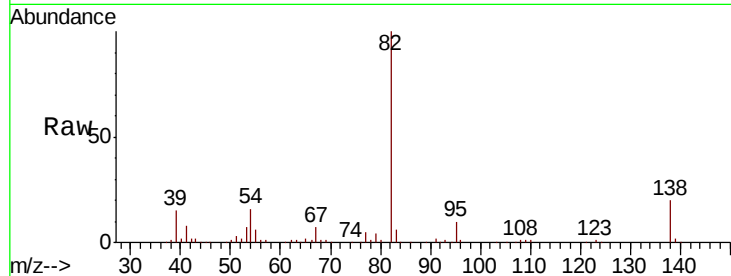
#25
Isophorone
Concen: 40.721 ng
RT: 9.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216575		
95	9.6		6.6	9.8
138	19.6		15.2	22.8

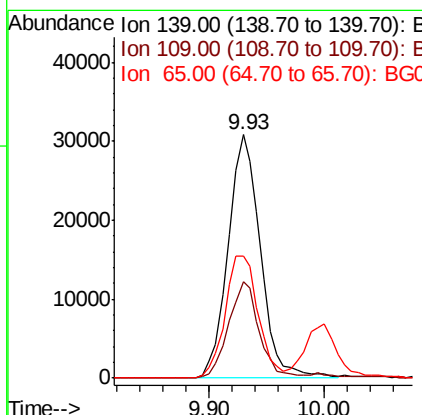
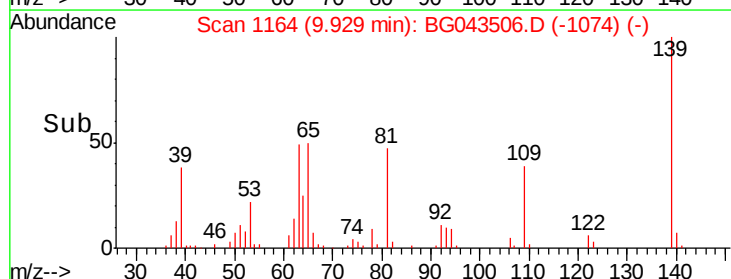
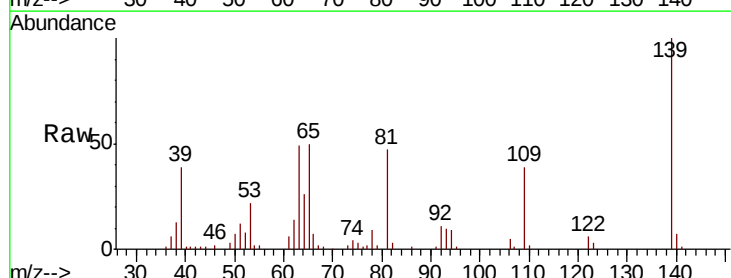
Manual Integrations
APPROVED

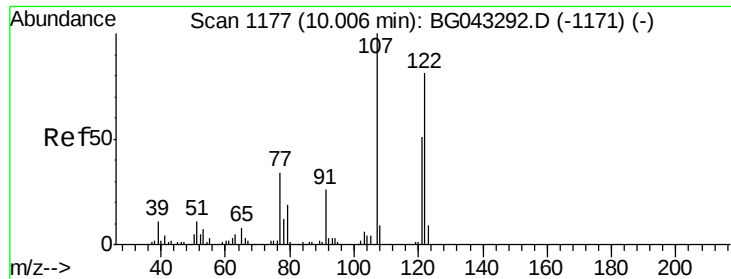
mohammad
11/6/2019 8:41:04 AM



#26
2-Nitrophenol
Concen: 44.686 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	59785		
109	39.5		26.5	39.7
65	50.1		43.8	65.8





#27

2,4-Dimethylphenol

Concen: 49.840 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

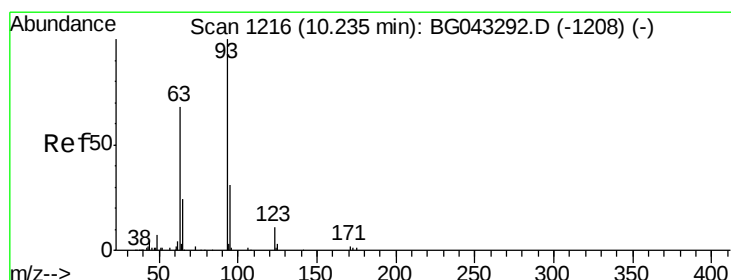
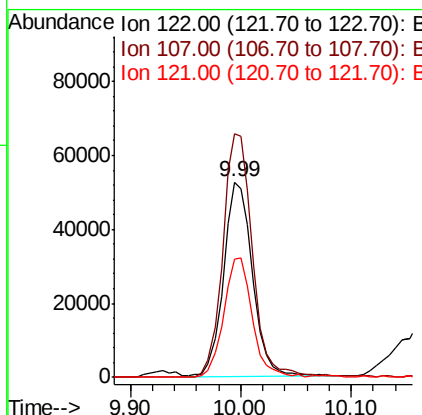
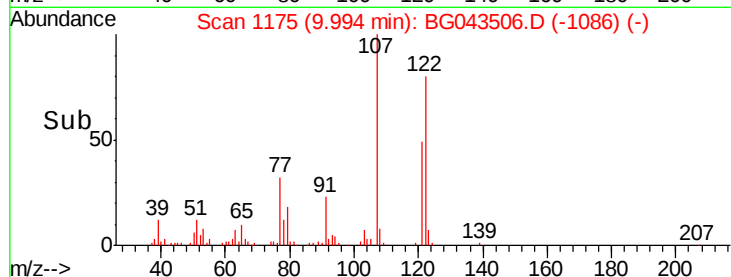
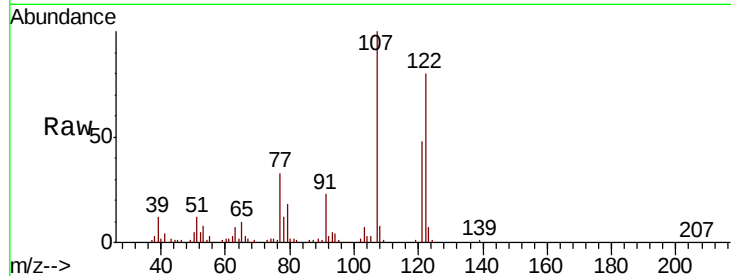
ClientSampleId :

PB124540BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		95571		
107	124.8	104.4	156.6		
121	60.4	47.2	70.8		

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#28

bis(2-Chloroethoxy)methane

Concen: 39.220 ng

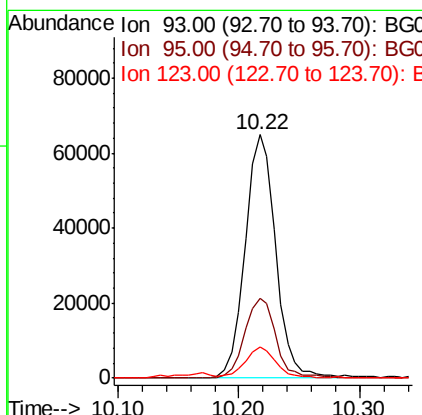
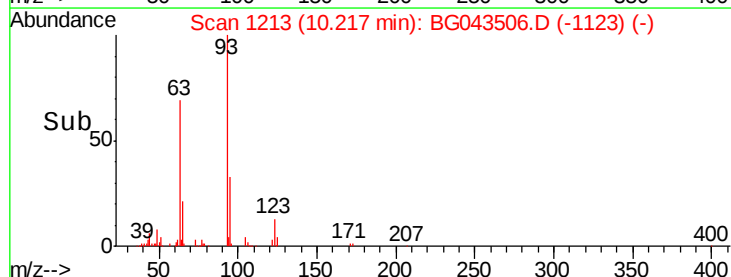
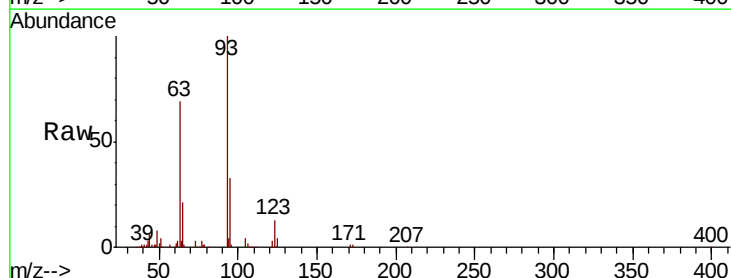
RT: 10.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		115127		
95	32.7	26.0	39.0		
123	12.6	10.6	15.8		





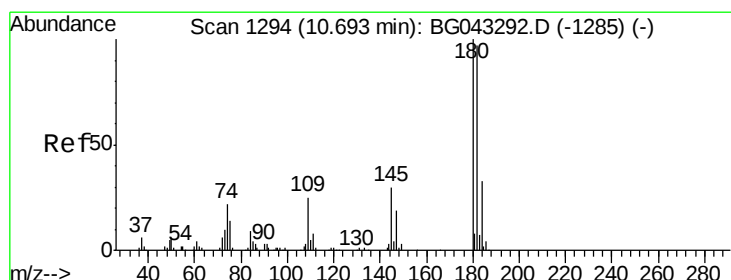
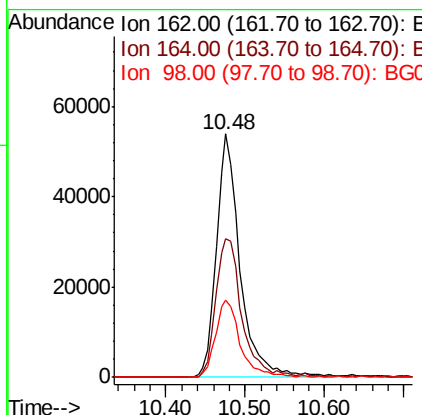
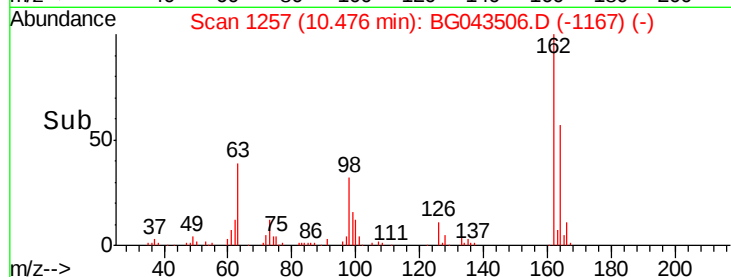
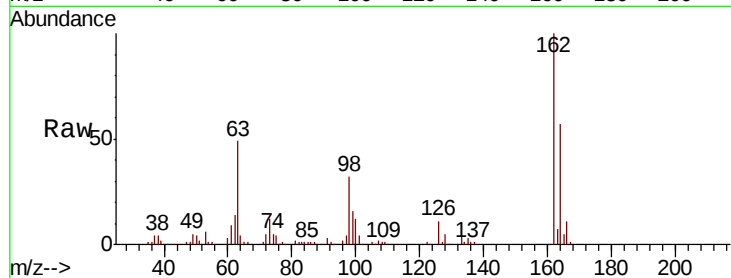
#29
2,4-Dichlorophenol
Concen: 45.403 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	56.9	48.9	88.9
98	31.8	15.1	55.1

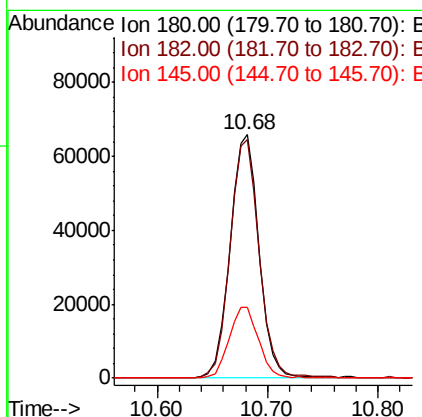
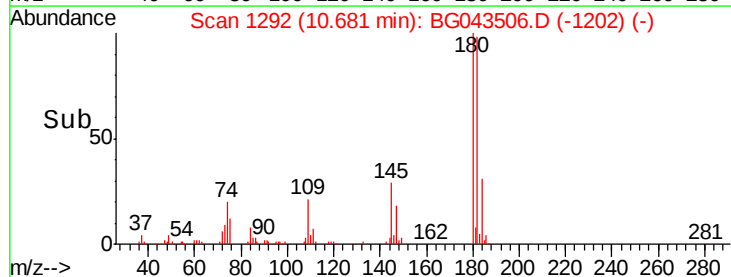
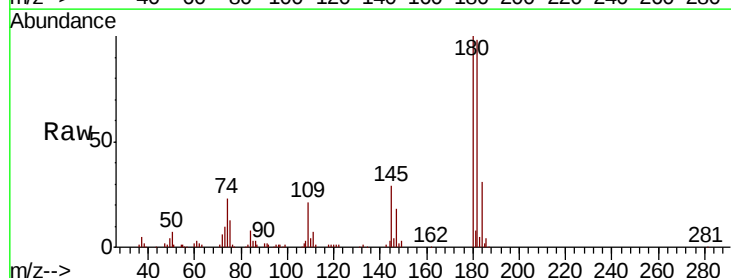
Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.978 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.9	75.1	112.7
145	29.2	23.9	35.9





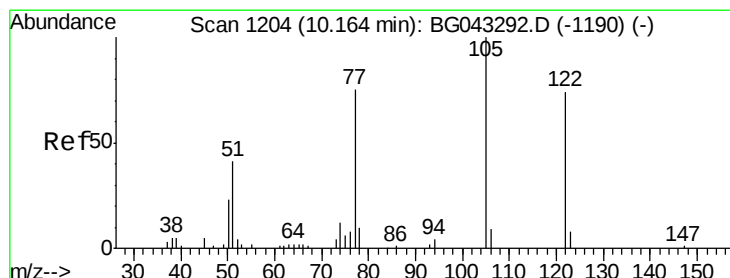
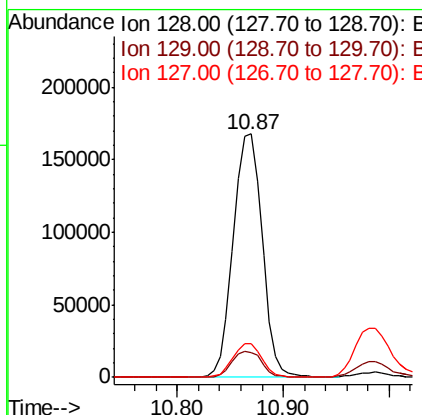
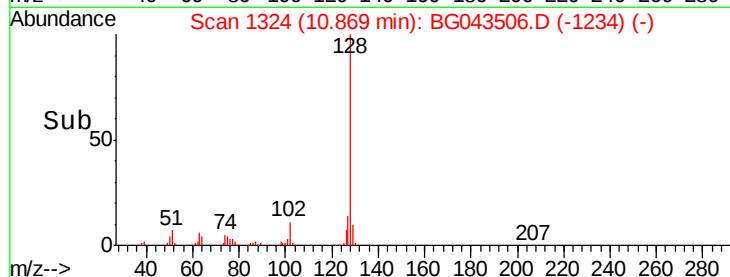
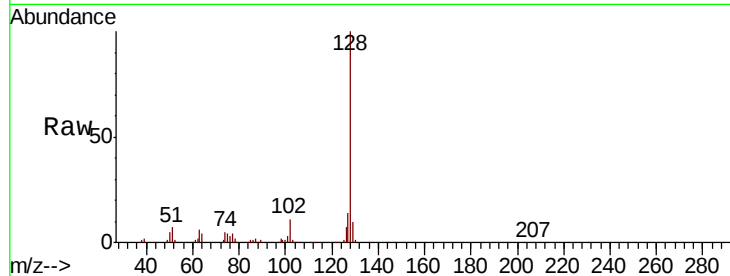
#31
Naphthalene
Concen: 41.966 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.0
127	13.9	11.1	16.7

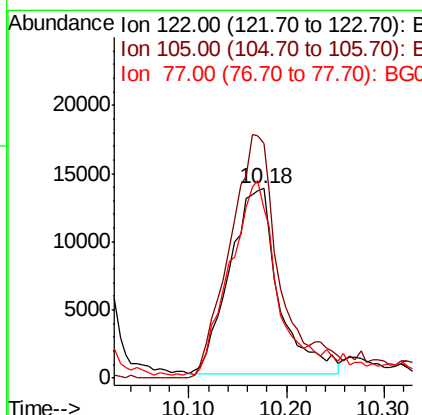
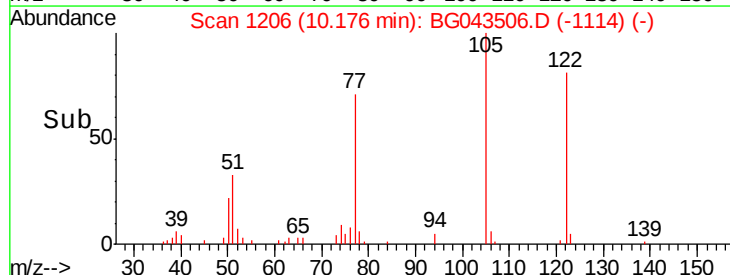
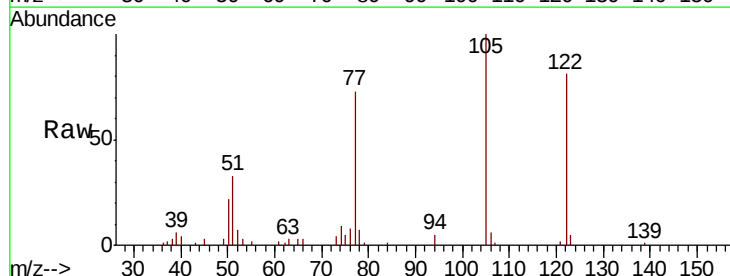
Manual Integrations
APPROVED

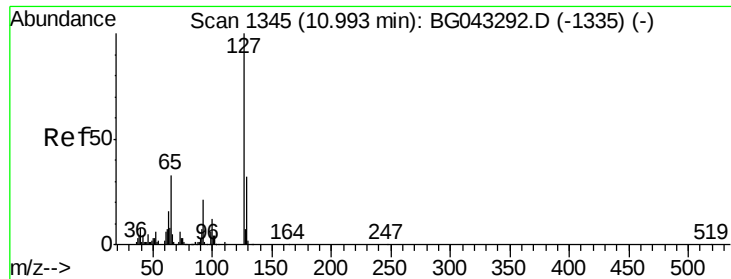
mohammad
11/6/2019 8:41:04 AM



#32
Benzoic acid
Concen: 35.701 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	103.3	143.3
77	89.7	84.9	124.9





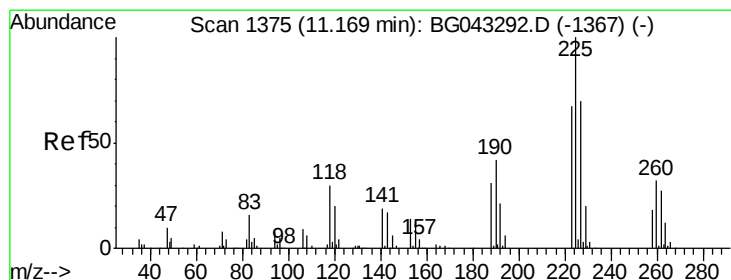
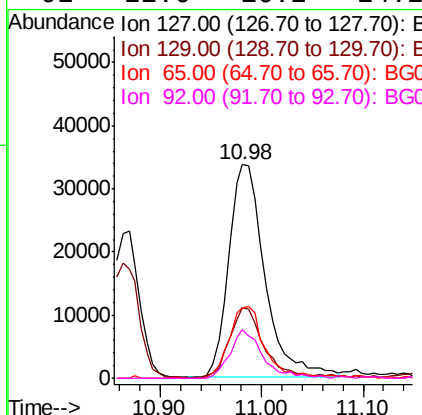
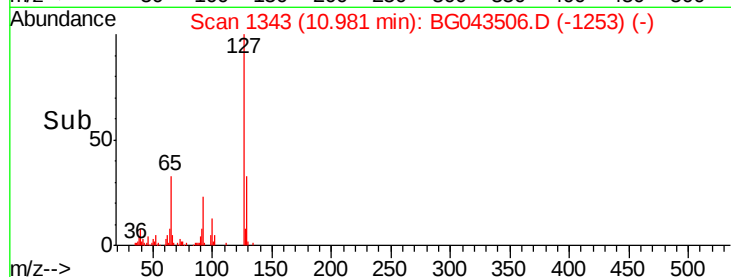
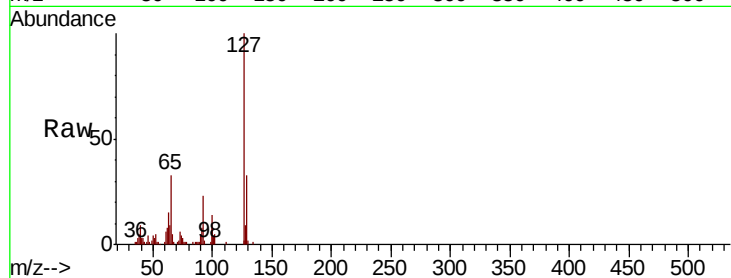
#33
4-Chloroaniline
Concen: 26.822 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampled :
PB124540BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	33.1	26.4	39.6
92	22.6	16.2	24.2

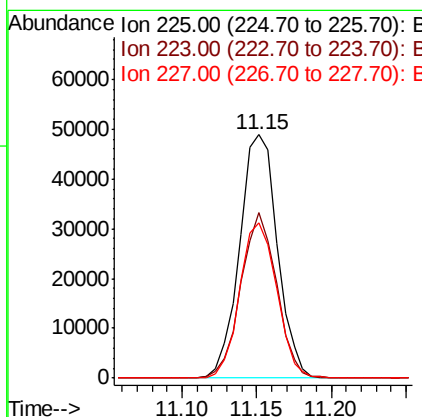
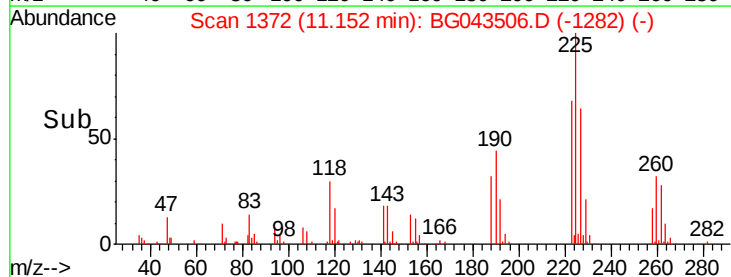
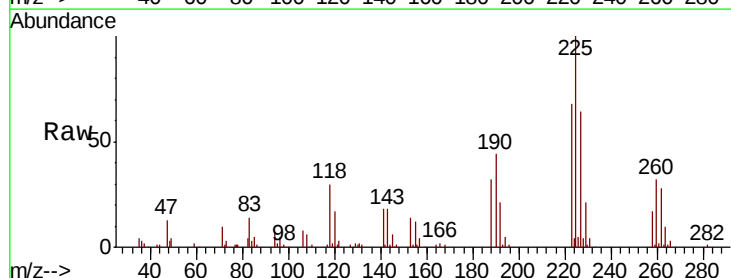
Manual Integrations
APPROVED

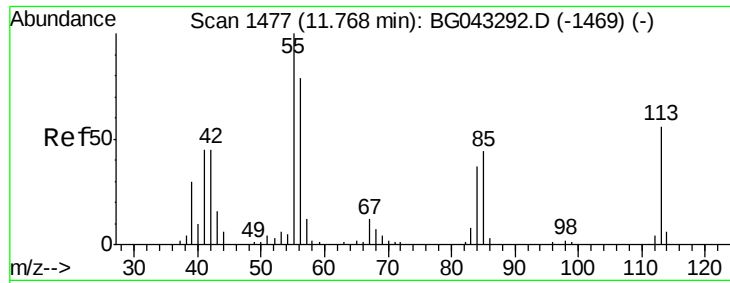
mohammad
11/6/2019 8:41:04 AM



#34
Hexachlorobutadiene
Concen: 37.421 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	52.7	79.1
227	63.9	54.8	82.2





#35

Caprolactam

Concen: 42.281 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

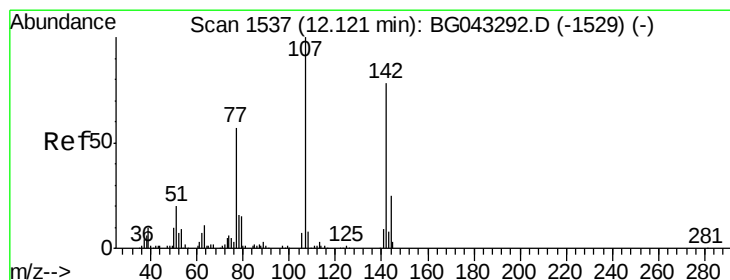
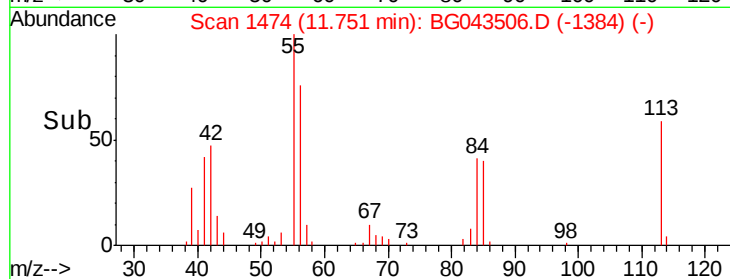
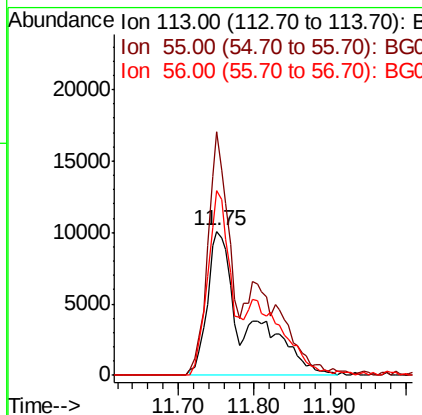
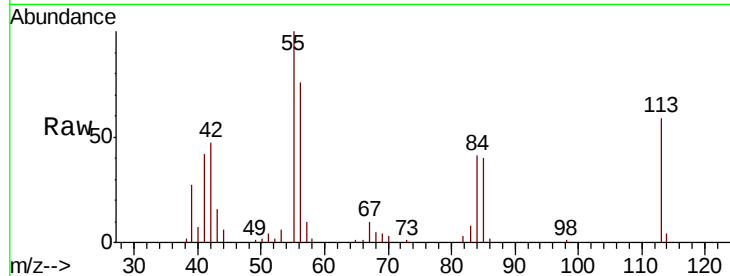
ClientSampleId :

PB124540BS

Tot Ion:	113	Resp:	35777
Ion	Ratio	Lower	Upper
113	100		
55	169.1	134.1	174.1
56	128.1	100.4	140.4

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#36

4-Chloro-3-methylphenol

Concen: 42.861 ng/mL

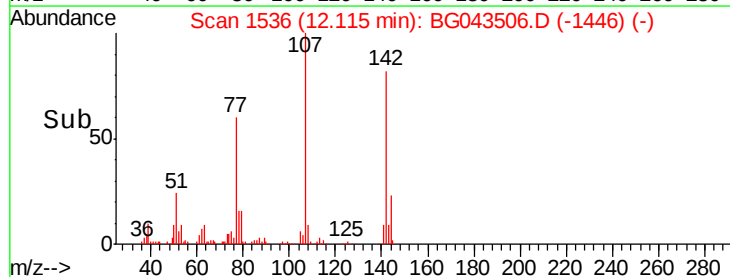
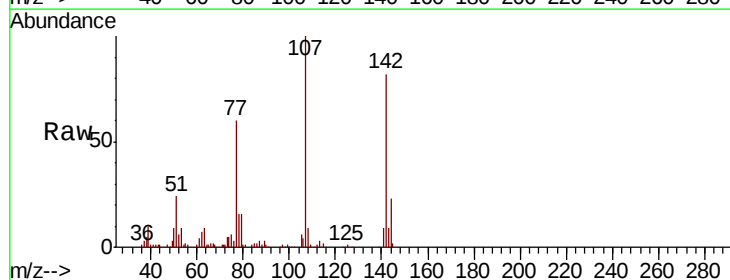
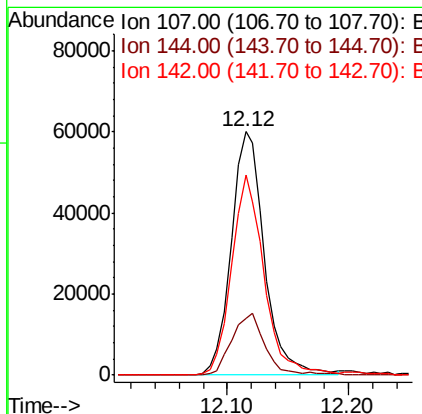
RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	107	Resp:	114867
Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.9	31.3
142	82.1	59.6	89.4





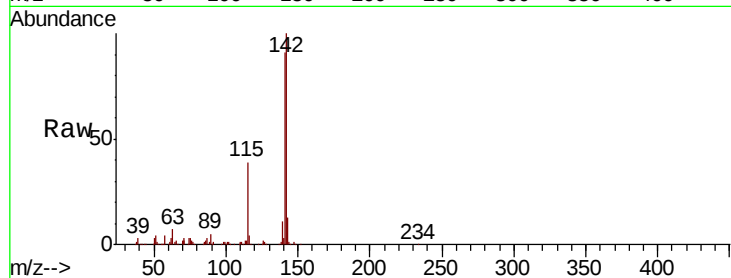
#37
2-Methylnaphthalene
Concen: 41.862 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2
115	38.9	33.2	49.8

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM

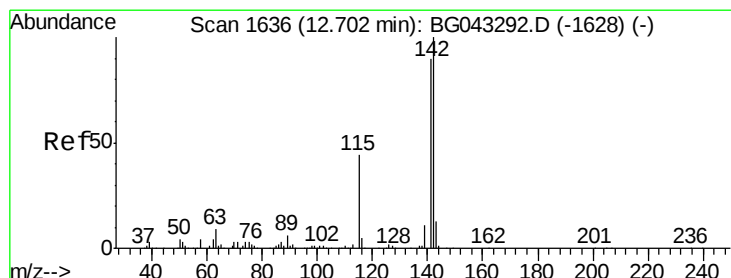
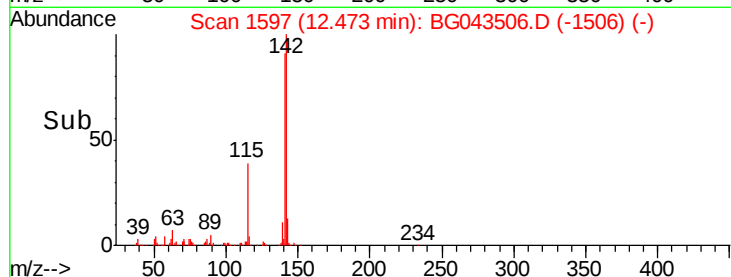
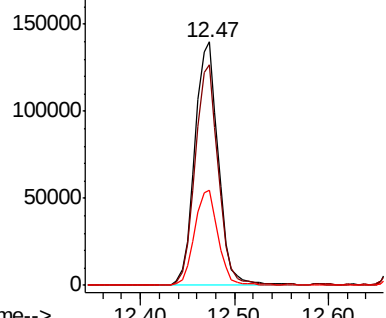


Abundance

Ion 142.00 (141.70 to 142.70): E

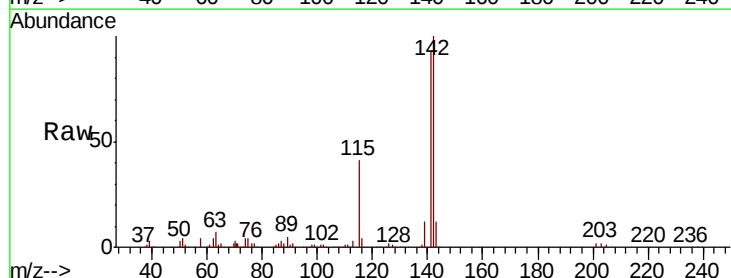
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.544 ng
RT: 12.69 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.2	109.8
116	4.5	3.6	5.4

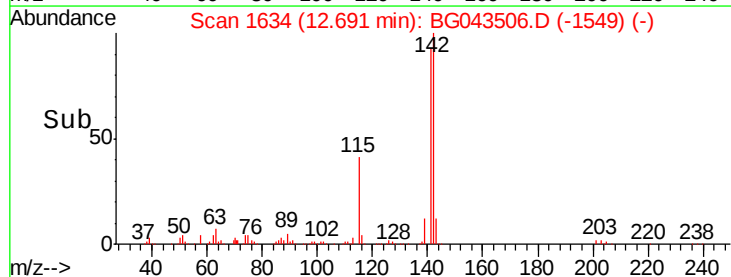
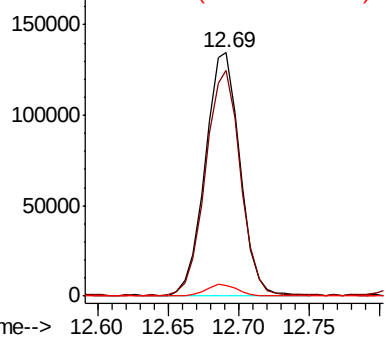


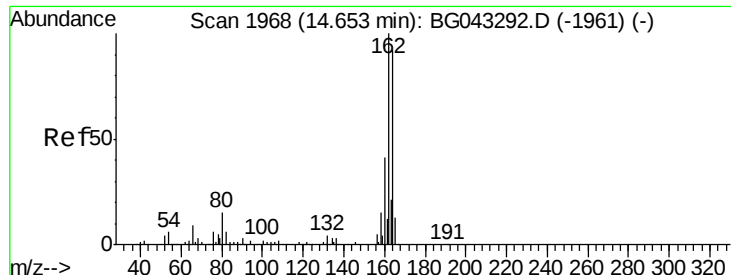
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

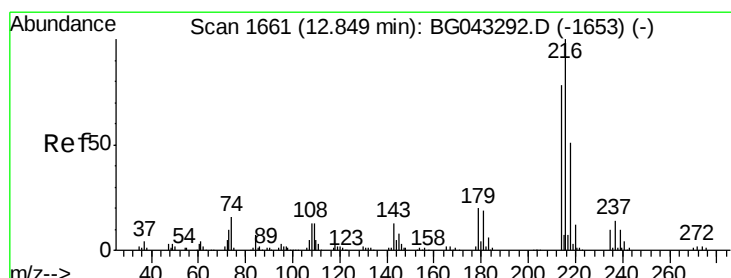
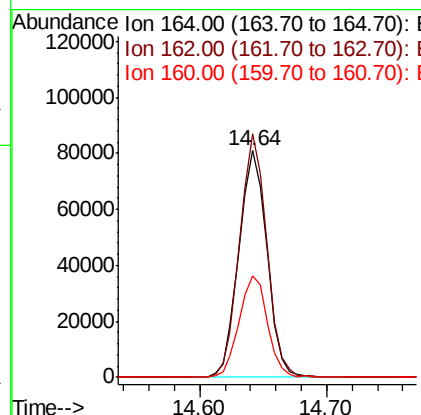
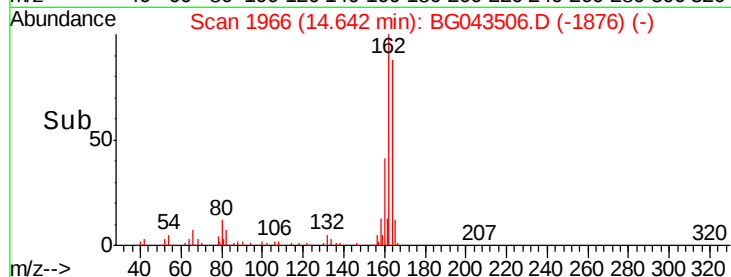
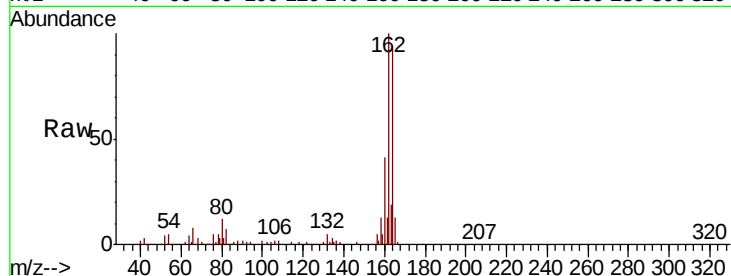
ClientSampleId :

PB124540BS

Tot Ion:	164	Resp:	124171
Ion Ratio	Lower	Upper	
164	100		
162	107.5	83.5	125.3
160	44.6	36.5	54.7

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.061 ng

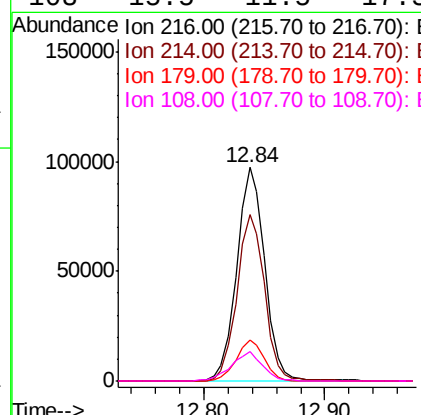
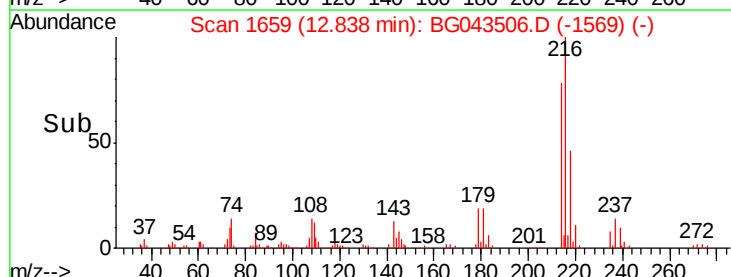
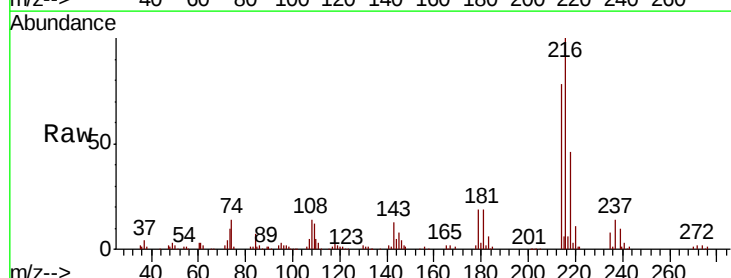
RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	216	Resp:	156523
Ion Ratio	Lower	Upper	
216	100		
214	77.6	61.7	92.5
179	19.1	15.8	23.8
108	15.5	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 58.010 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

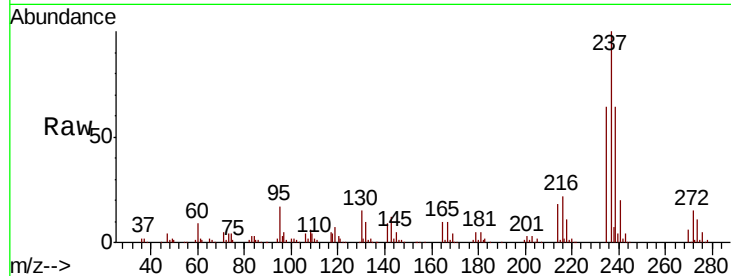
ClientSampleId :

PB124540BS

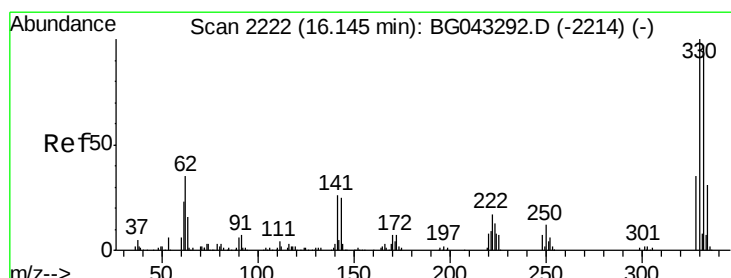
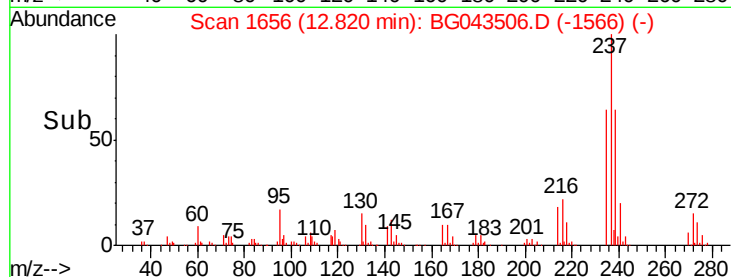
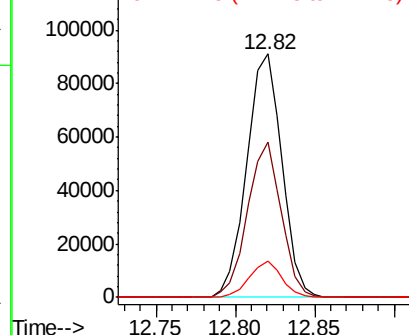
Tot Ion:	237	Resp:	140035
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	14.8	0.0	32.5

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



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



#42

2,4,6-Tribromophenol

Concen: 97.605 ng

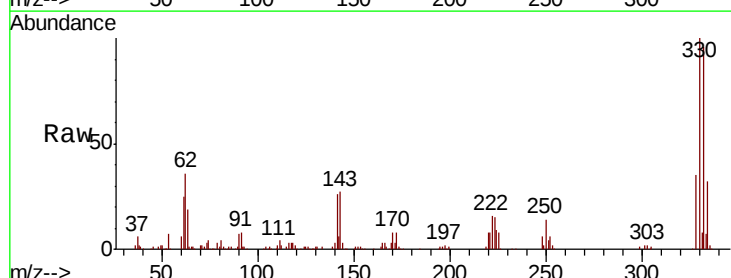
RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

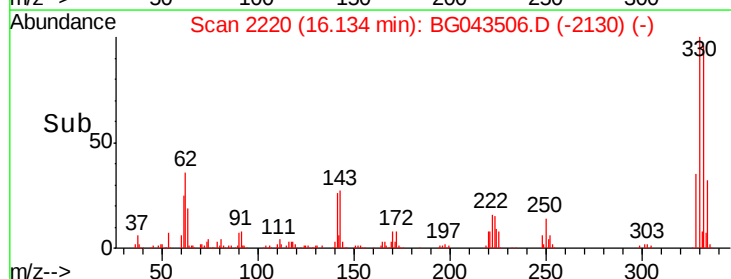
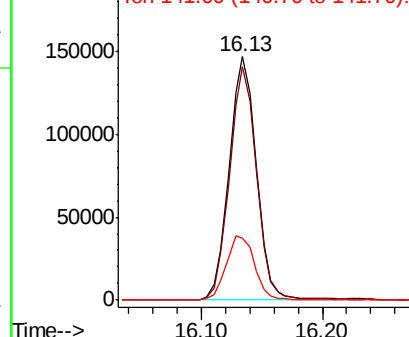
Lab File: BG043506.D

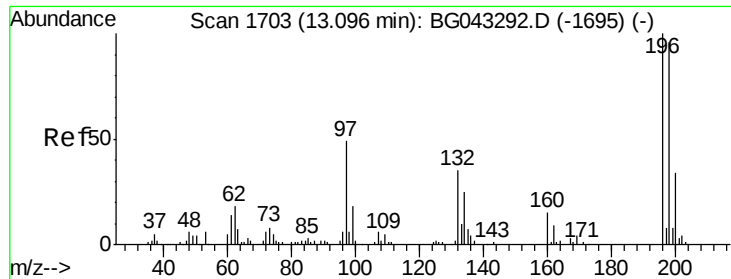
Acq: 5 Nov 2019 13:58

Tgt Ion:	330	Resp:	230639
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.4	116.0
141	27.4	22.8	34.2



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





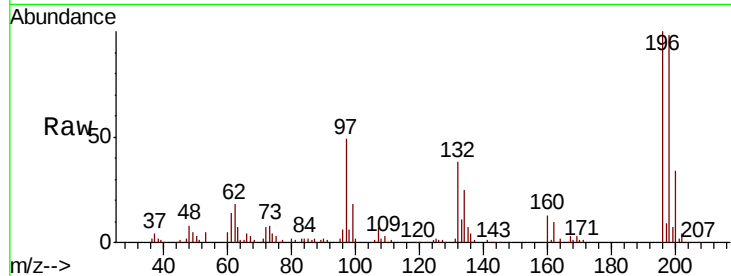
#43
 2,4,6-Trichlorophenol
 Concen: 37.252 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100815		
198	97.7	75.8	113.6	
200	33.8	23.9	35.9	

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM

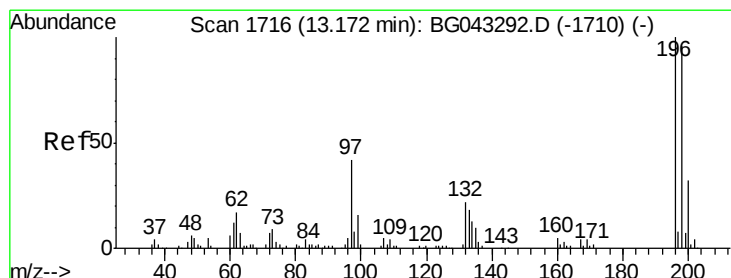
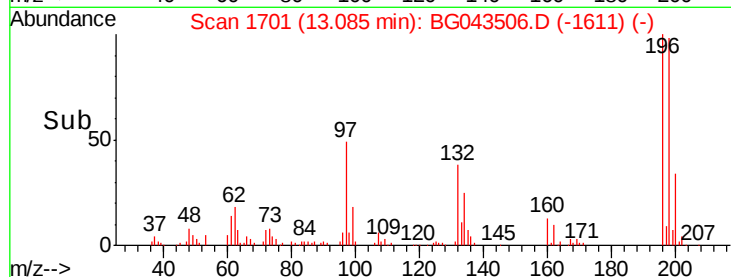
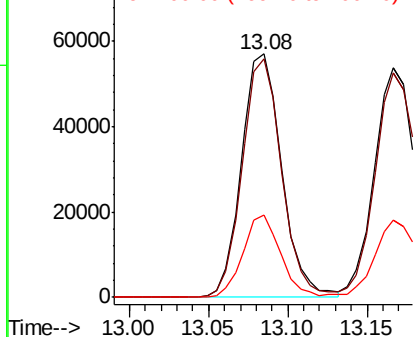


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.773 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	103346		
198	97.8	74.5	111.7	
97	45.4	36.3	54.5	
132	24.8	17.4	26.2	

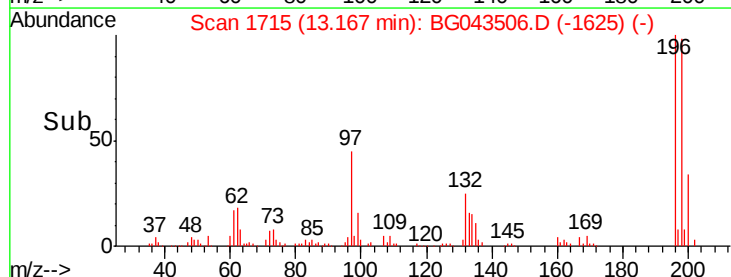
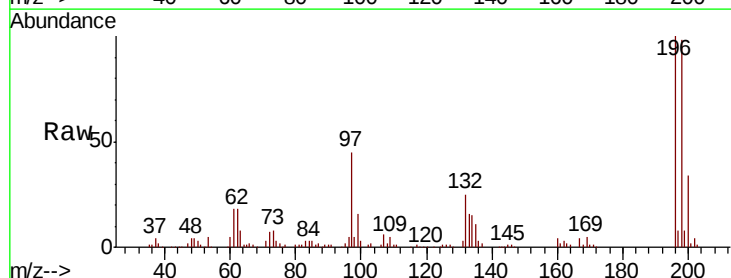
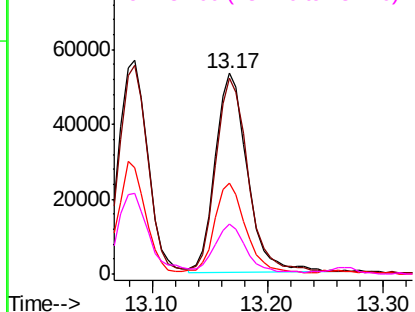
Abundance

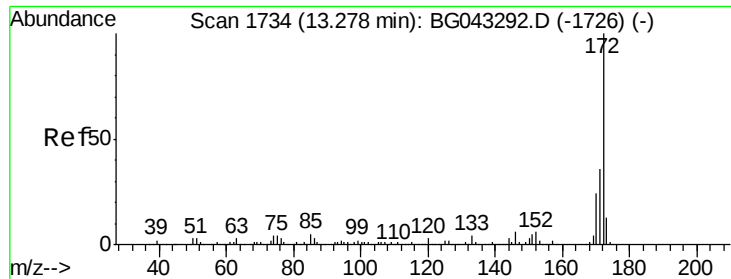
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





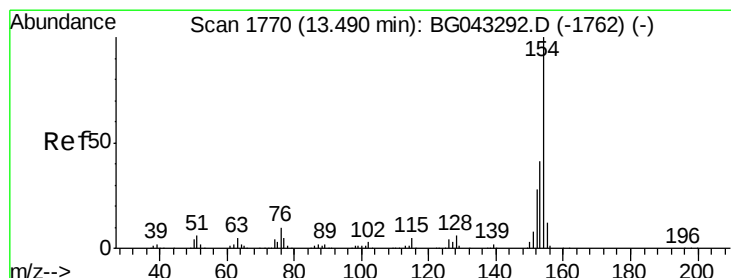
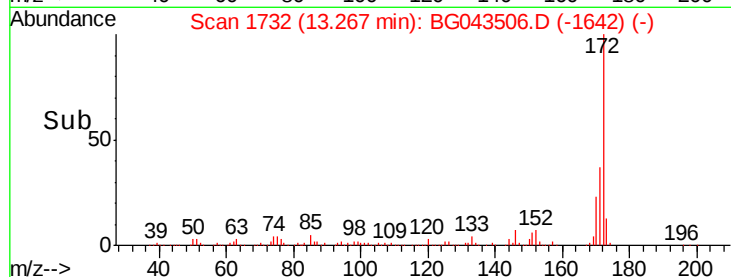
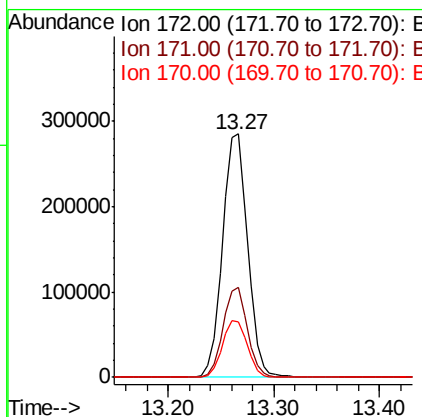
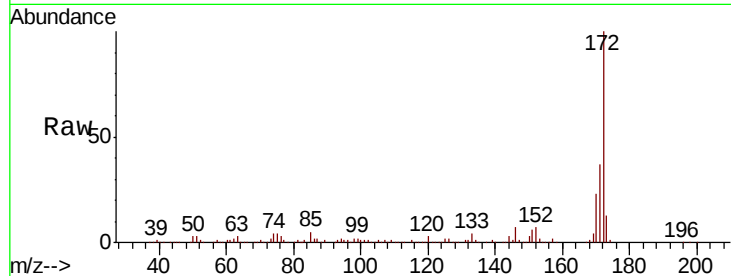
#45
 2-Fluorobiphenyl
 Concen: 52.373 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	22.7	18.5	27.7

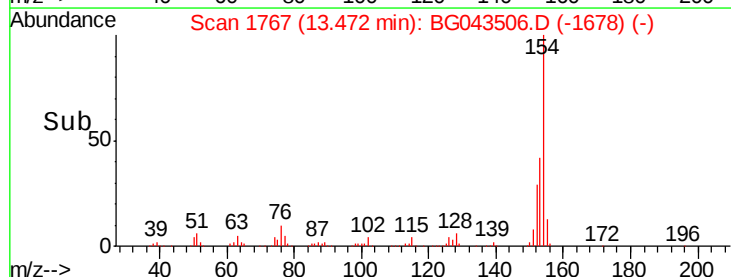
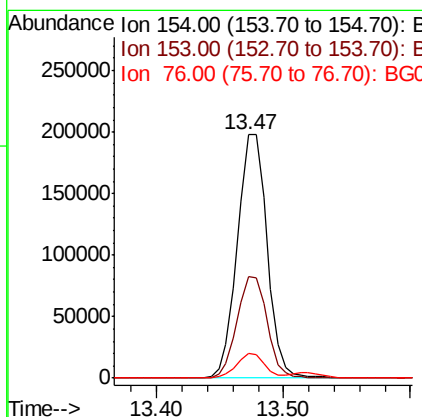
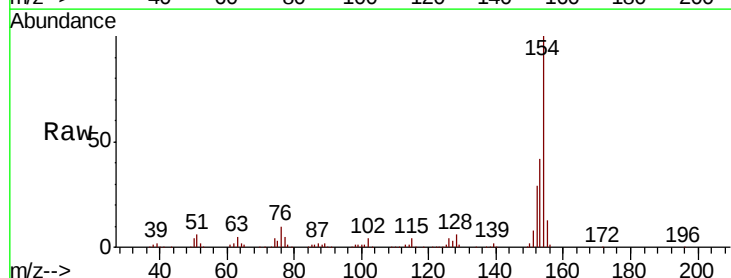
Manual Integrations
 APPROVED

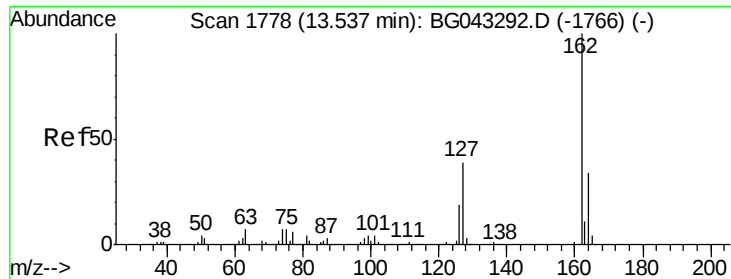
mohammad
 11/6/2019 8:41:04 AM



#46
 1,1'-Biphenyl
 Concen: 34.199 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.9	59.9
76	10.0	0.0	29.4





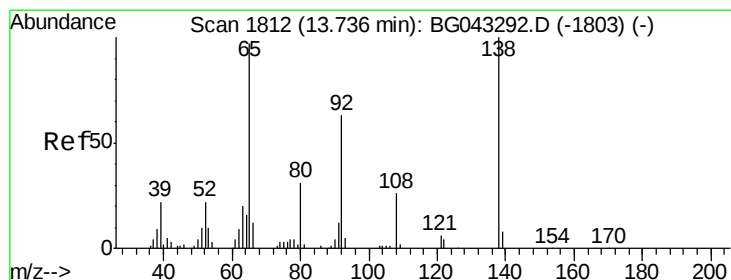
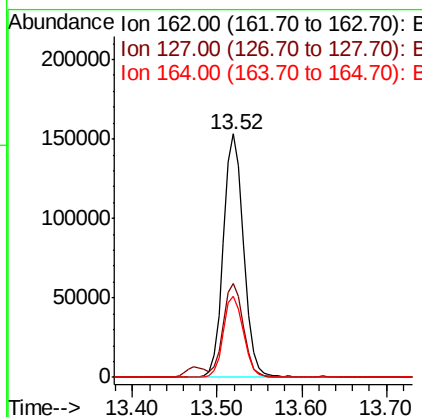
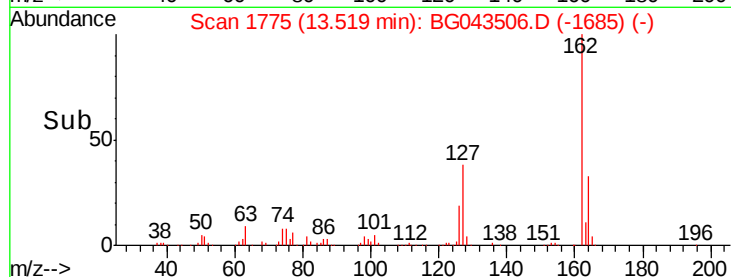
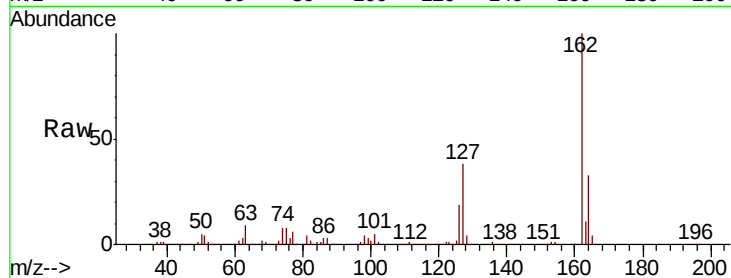
#47
2-Chloronaphthalene
Concen: 35.243 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.2	46.8
164	33.2	25.8	38.8

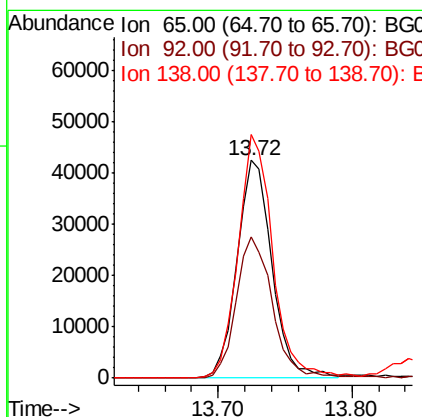
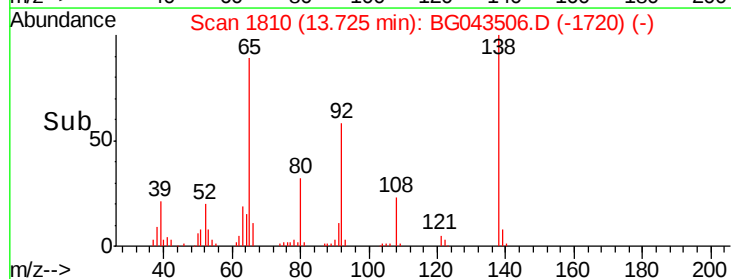
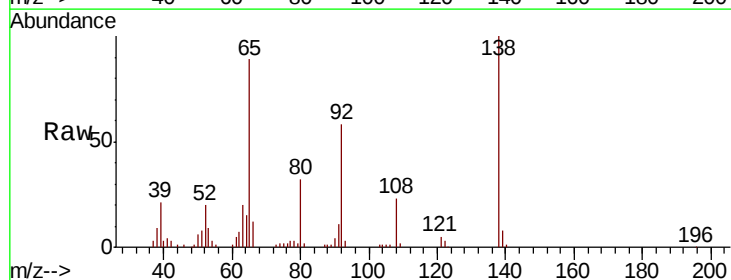
Manual Integrations
APPROVED

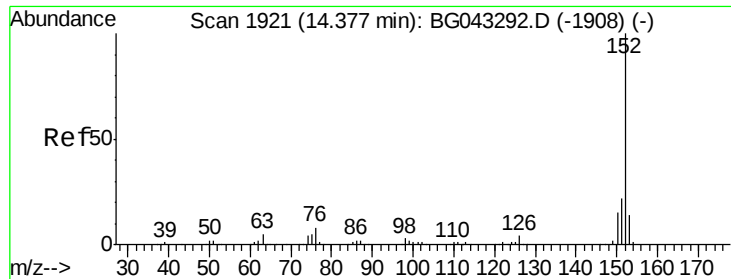
mohammad
11/6/2019 8:41:04 AM



#48
2-Nitroaniline
Concen: 35.867 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	56.2	84.2
138	111.9	82.6	123.8





#49

Acenaphthylene

Concen: 36.841 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

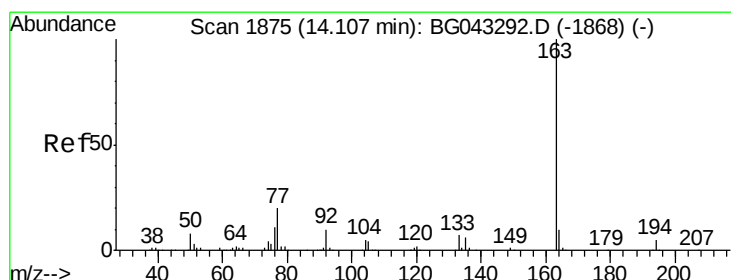
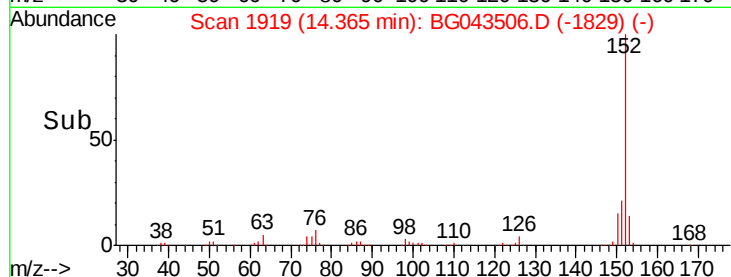
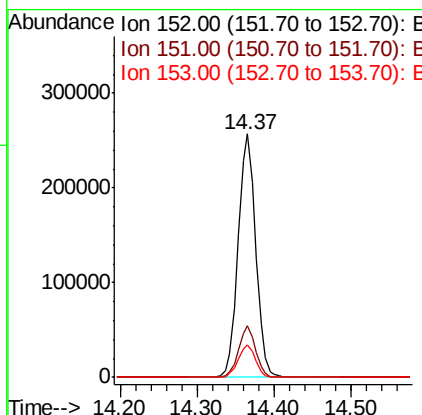
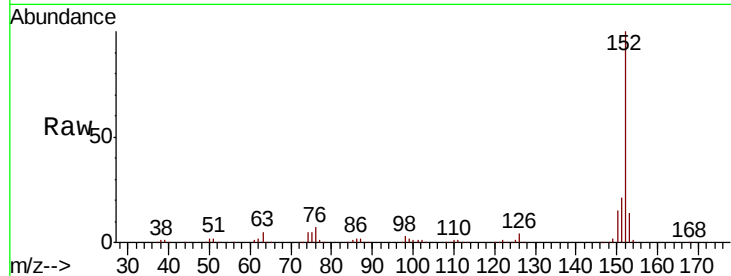
ClientSampleId :

PB124540BS

Tot Ion:	152	Resp:	412105
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.2	24.4
153	13.5	10.6	15.8

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#50

Dimethylphthalate

Concen: 34.692 ng

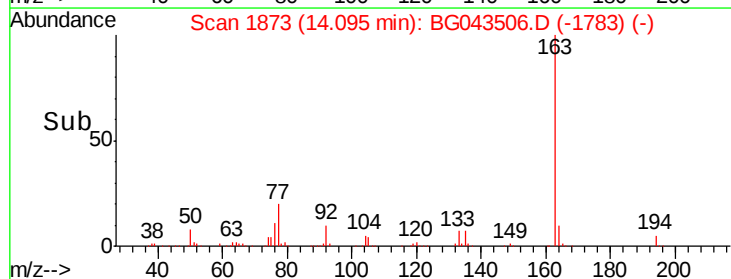
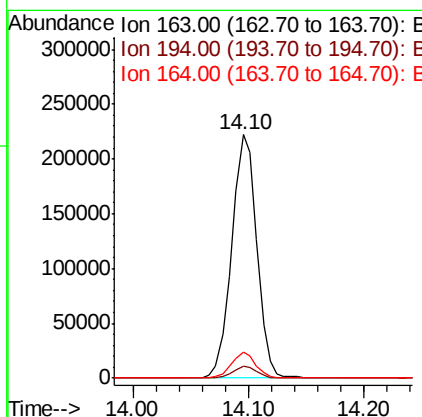
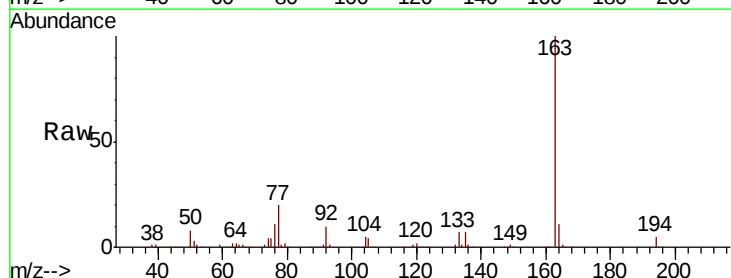
RT: 14.10 min Scan# 1873

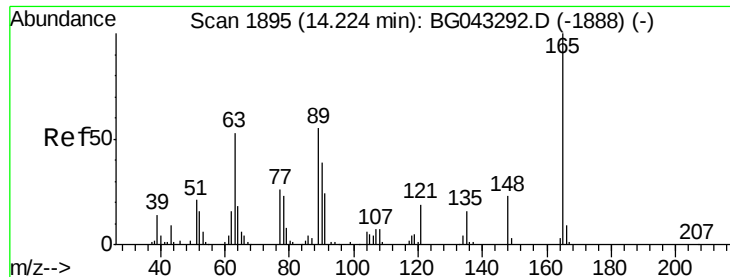
Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	163	Resp:	333662
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.6
164	10.6	8.9	13.3





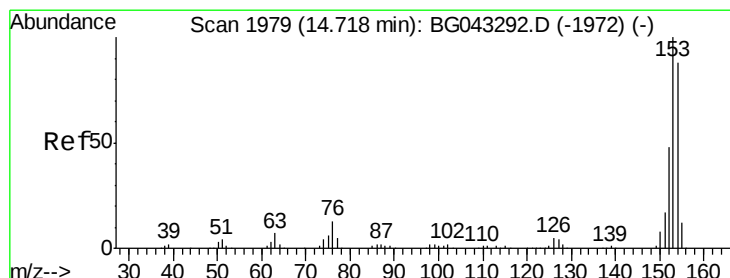
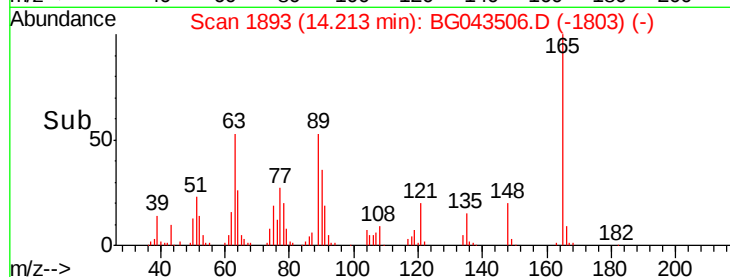
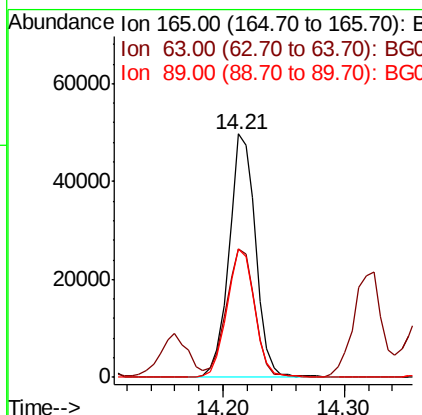
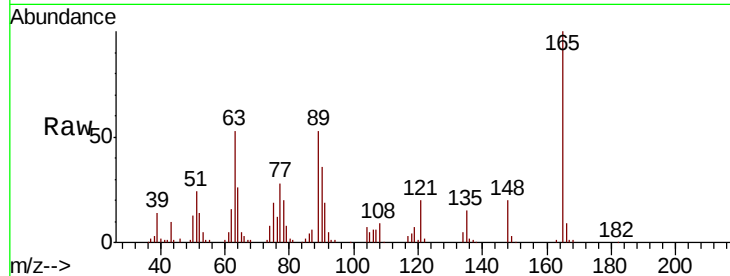
#51
 2,6-Dinitrotoluene
 Concen: 36.255 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	46.6	69.8
89	52.5	45.1	67.7

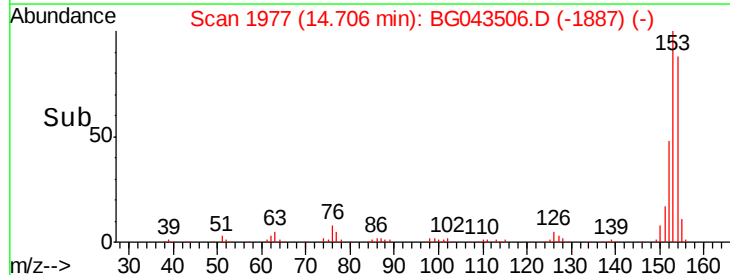
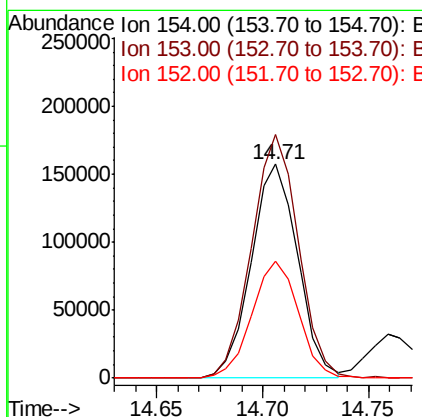
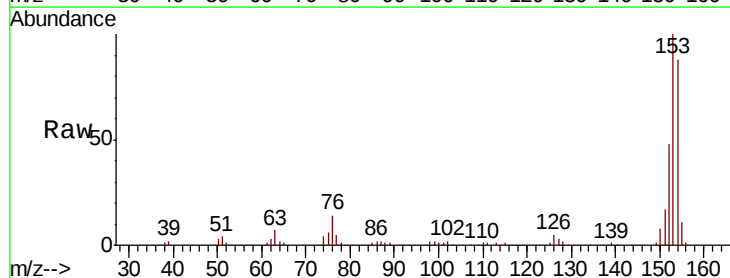
Manual Integrations
 APPROVED

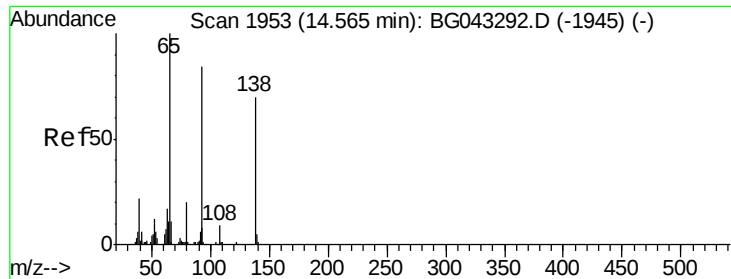
mohammad
 11/6/2019 8:41:04 AM



#52
 Acenaphthene
 Concen: 35.511 ng
 RT: 14.71 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.2	132.2
152	54.6	40.0	60.0





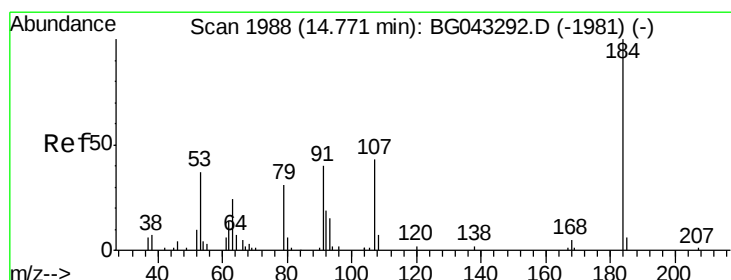
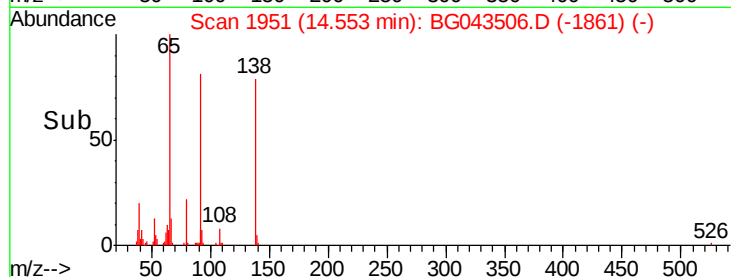
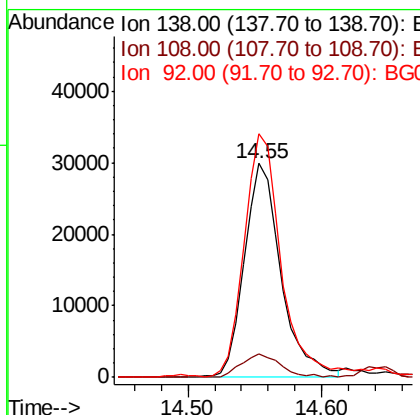
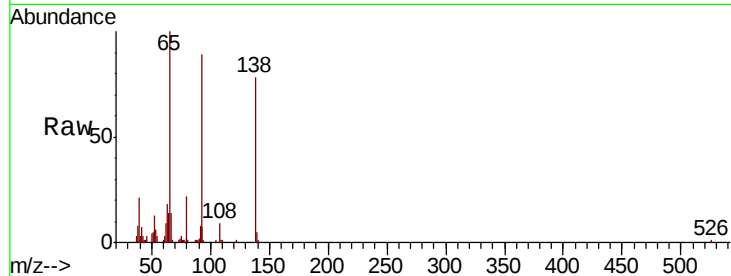
#53
3-Nitroaniline
Concen: 28.033 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion:138 Resp: 56553
Ion Ratio Lower Upper
138 100
108 10.9 8.0 12.0
92 113.8 90.9 136.3

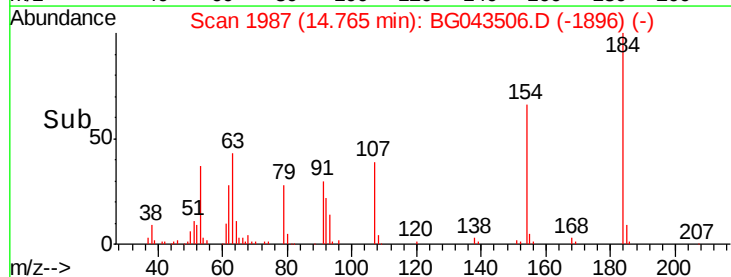
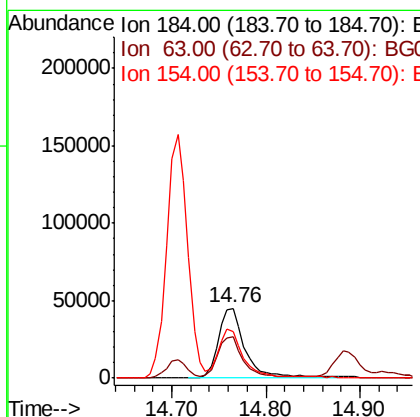
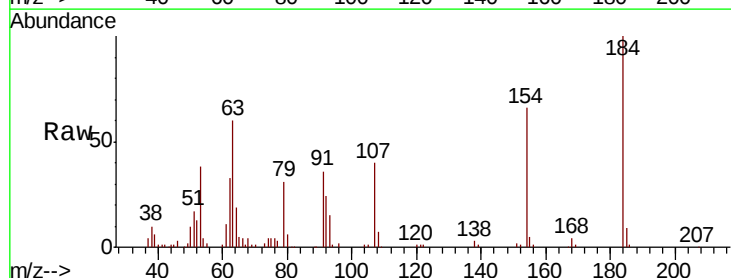
Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#54
2,4-Dinitrophenol
Concen: 69.222 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion:184 Resp: 88910
Ion Ratio Lower Upper
184 100
63 60.0 51.3 76.9
154 65.8 55.4 83.0





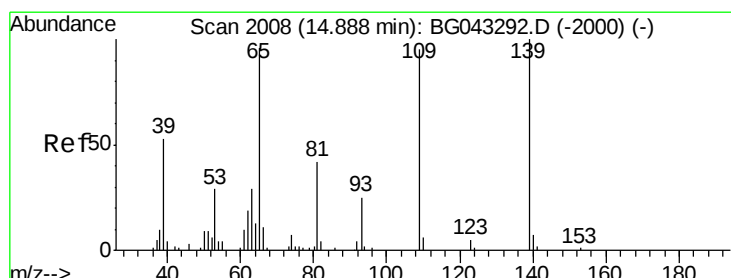
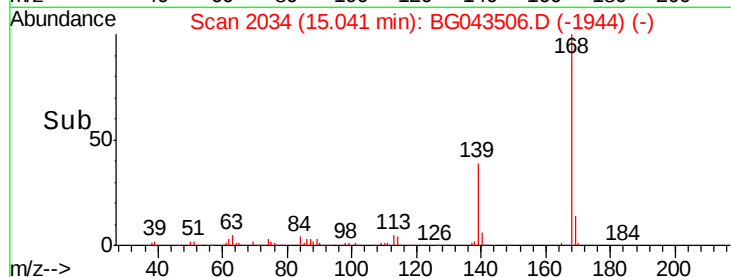
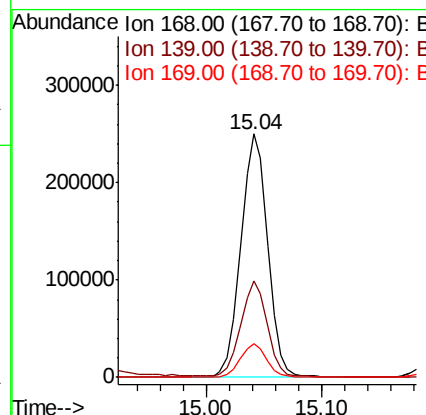
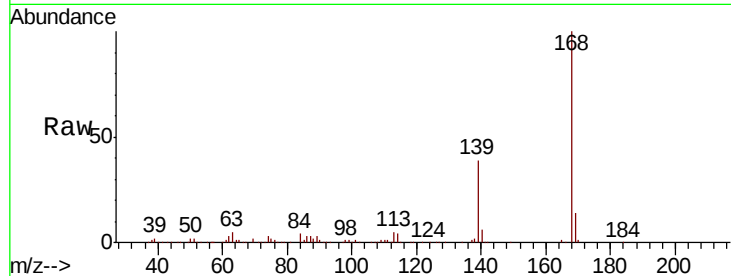
#55
Dibenzenofuran
Concen: 36.329 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.0	46.6
169	13.7	11.7	17.5

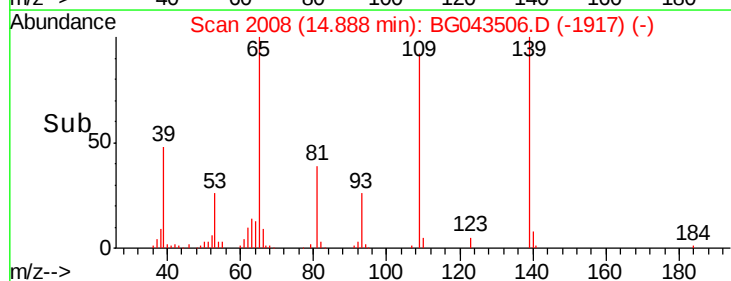
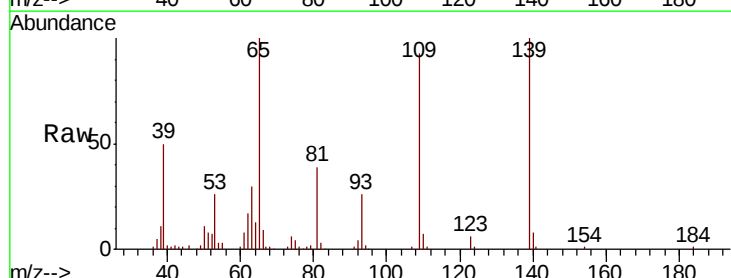
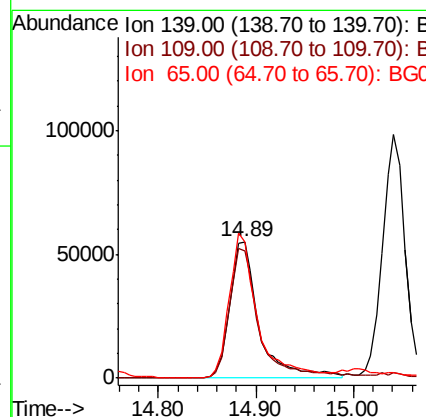
Manual Integrations
APPROVED

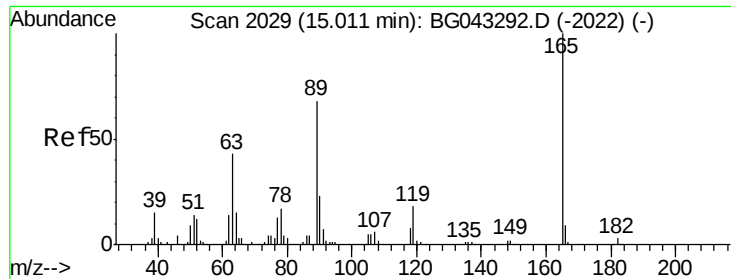
mohammad
11/6/2019 8:41:04 AM



#56
4-Nitrophenol
Concen: 84.688 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.0	87.2	127.2
65	100.1	83.8	123.8





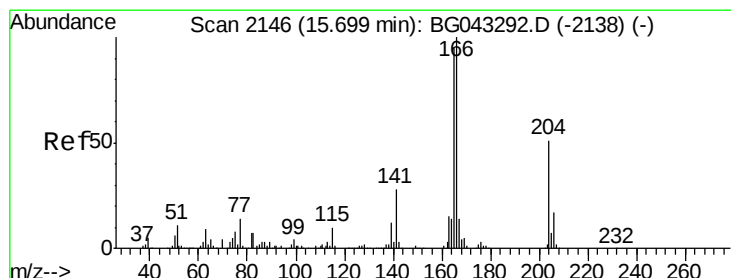
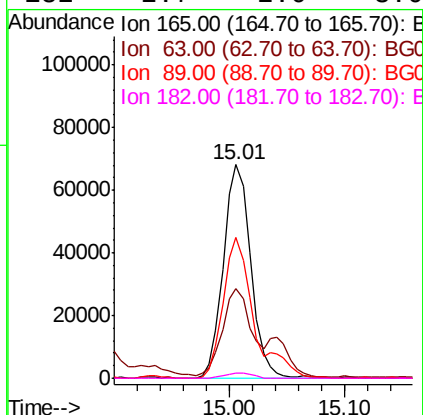
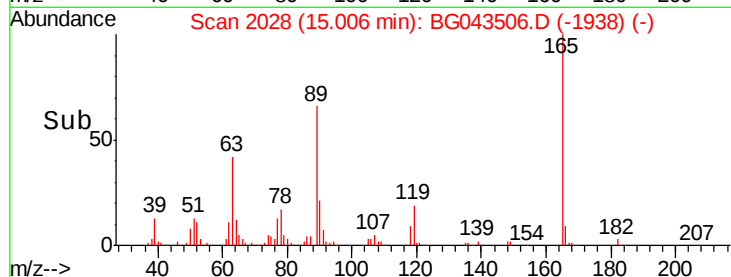
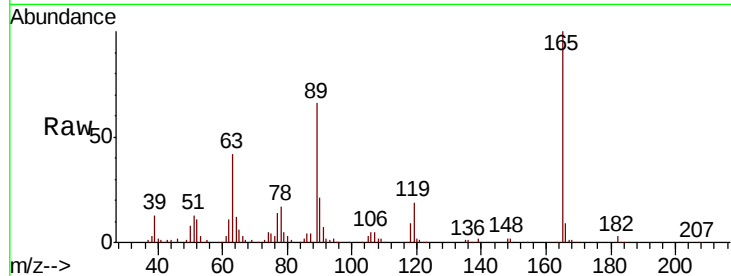
#57
2,4-Dinitrotoluene
Concen: 37.772 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	112790		
63	42.0		33.2	49.8
89	65.8		52.2	78.4
182	2.7		2.0	3.0

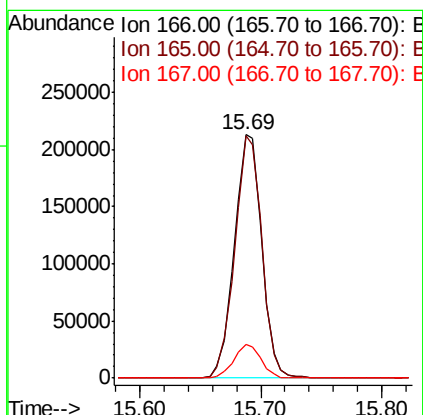
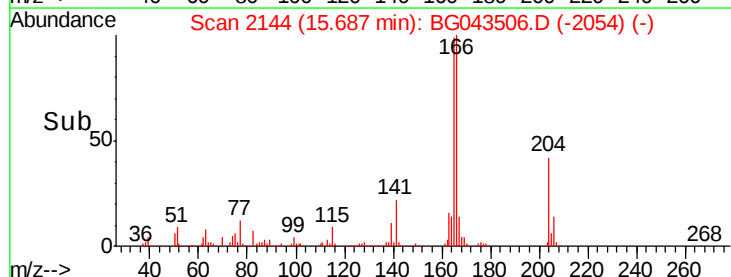
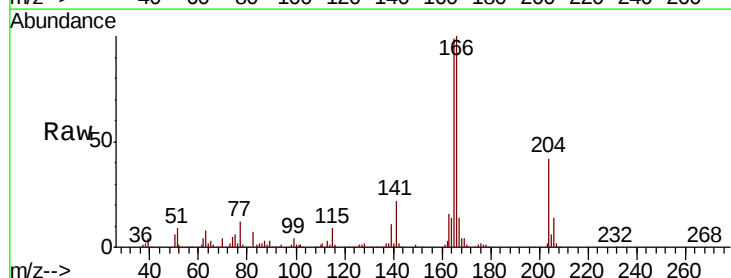
Manual Integrations
APPROVED

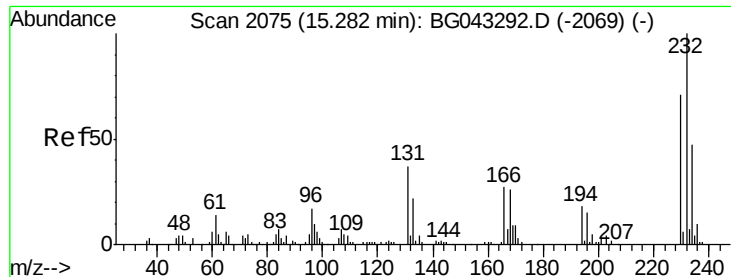
mohammad
11/6/2019 8:41:04 AM



#58
Fluorene
Concen: 36.309 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	336883		
165	99.4		79.0	118.6
167	13.9		10.5	15.7





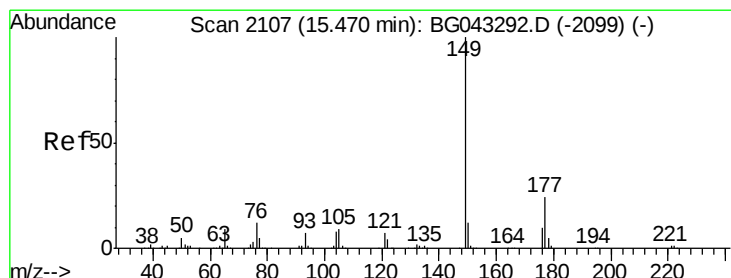
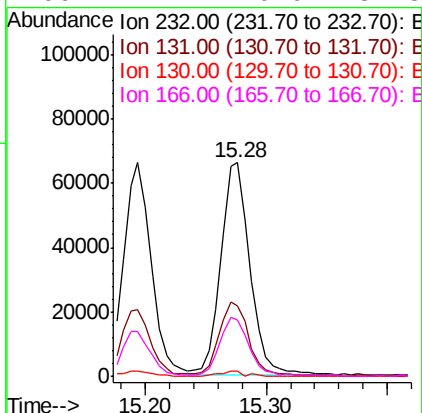
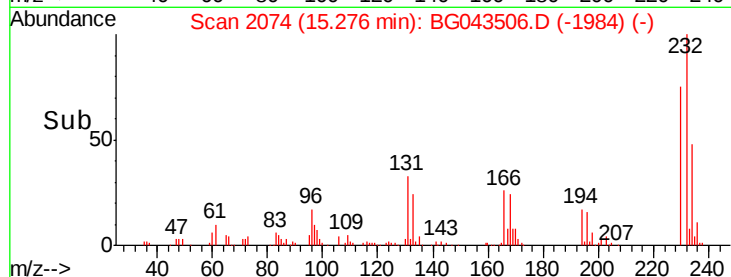
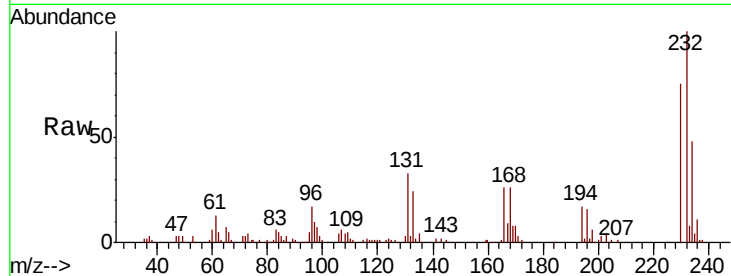
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.928 ng
RT: 15.28 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	110251		
131	36.5	26.9	40.3	
130	2.0	1.8	2.6	
166	27.1	20.9	31.3	

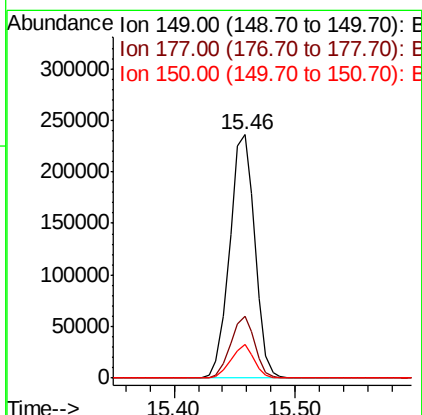
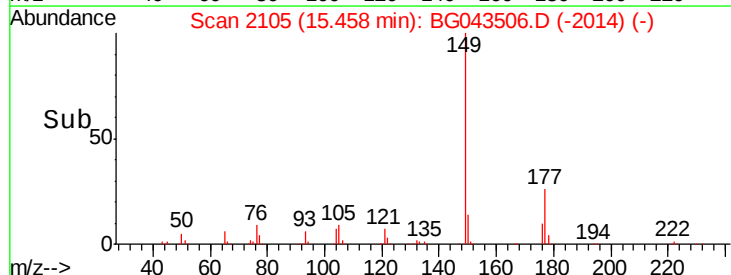
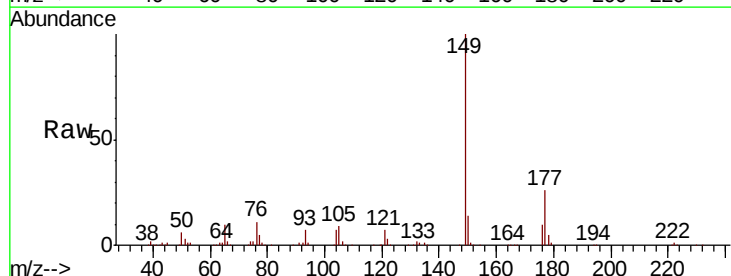
Manual Integrations
APPROVED

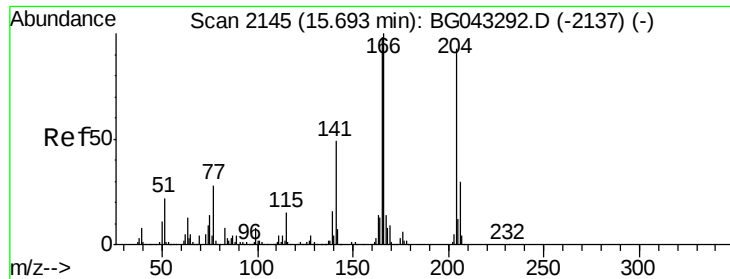
mohammad
11/6/2019 8:41:04 AM



#60
Diethylphthalate
Concen: 35.309 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	341219		
177	25.6	19.6	29.4	
150	13.7	10.8	16.2	





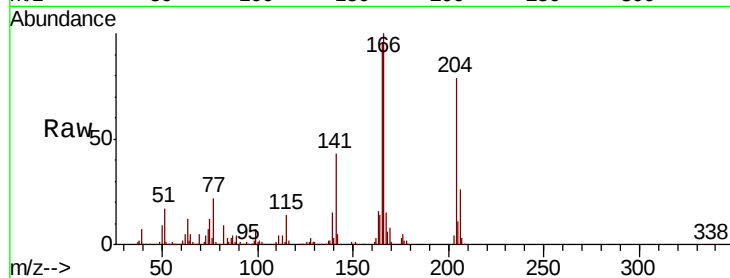
#61
4-Chlorophenyl-phenylether
Concen: 35.329 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	28.4	42.6	
141	54.4	43.0	64.6	

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM

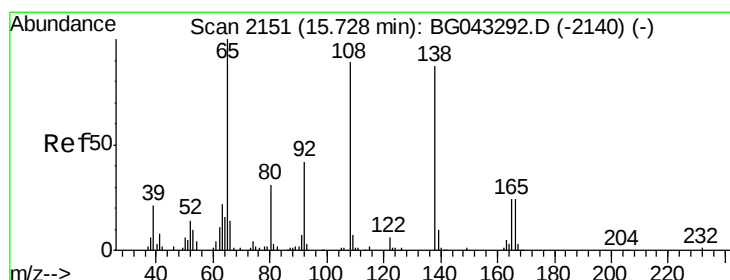
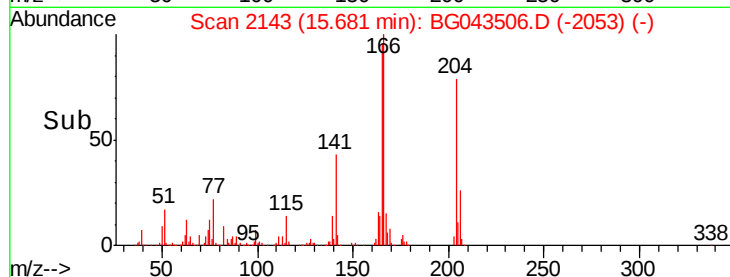
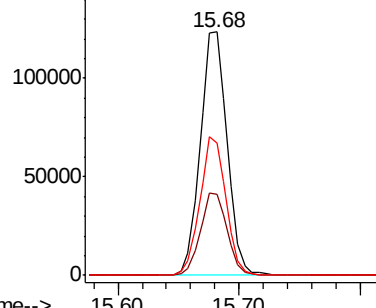


Abundance

Ion 204.00 (203.70 to 204.70): E

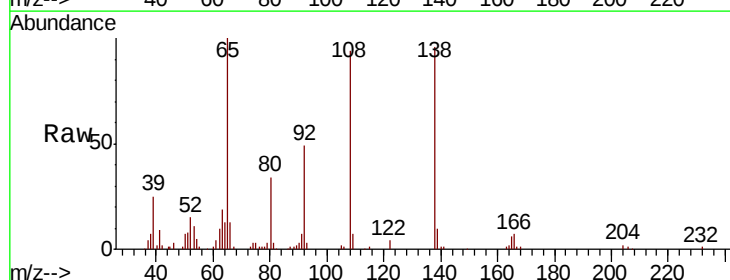
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.555 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.6	33.4	73.4	
108	97.8	78.0	118.0	

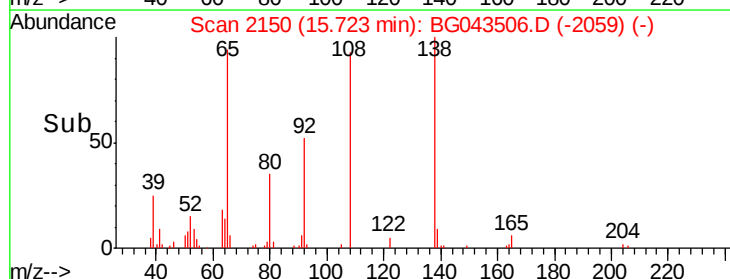
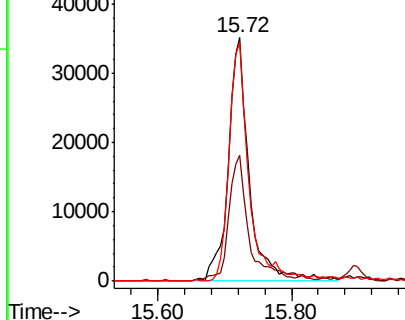


Abundance

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





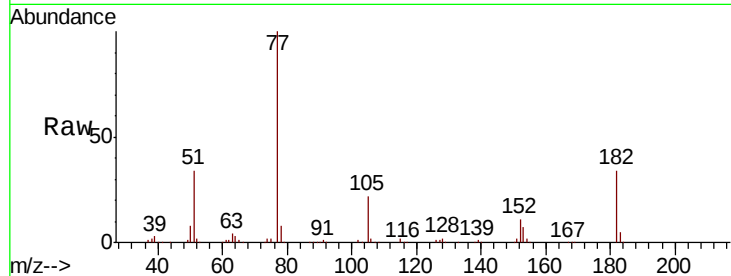
#63
Azobenzene
Concen: 35.806 ng
RT: 15.98 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

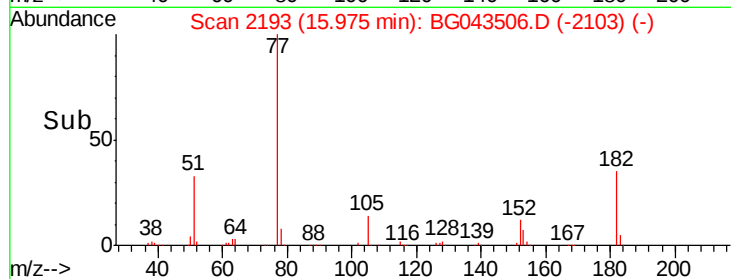
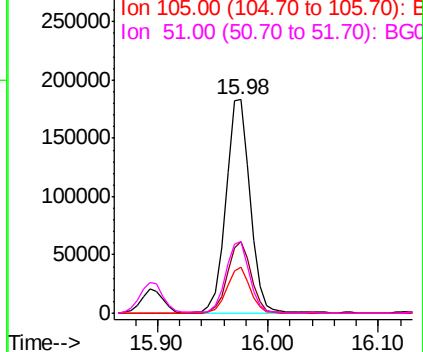
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		280049		
182	33.7	13.7	53.7		
105	21.6	0.4	40.4		
51	33.9	11.0	51.0		

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM

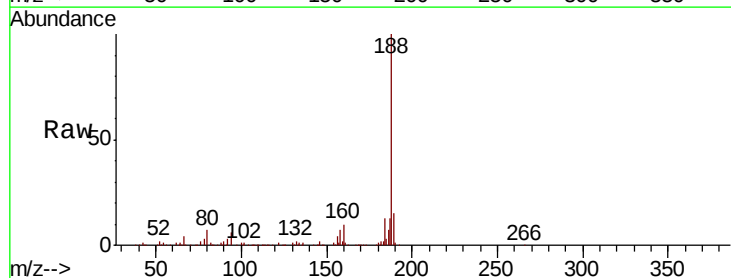


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

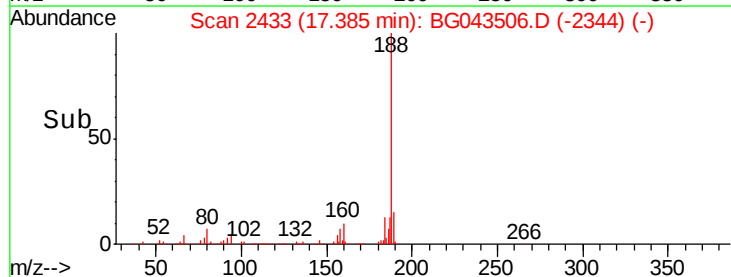
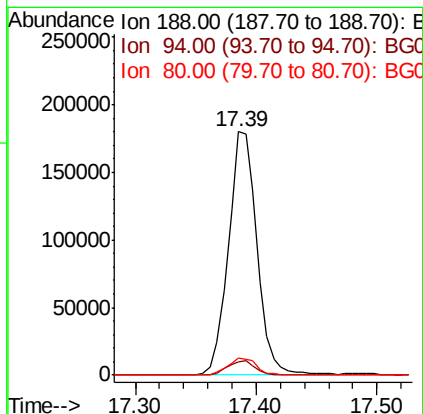


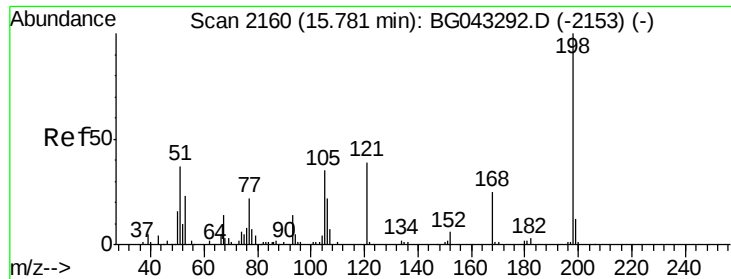
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		296025		
94	5.5	4.2	6.4		
80	6.9	4.5	6.7#		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.182 ng

RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

ClientSampled :

PB124540BS

Tot Ion:198 Resp: 68259

Ion Ratio Lower Upper

198 100

51 43.8 13.2 53.2

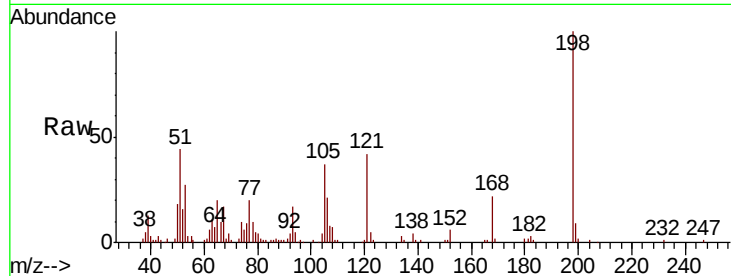
105 36.9 15.8 55.8

Manual Integrations

APPROVED

mohammad

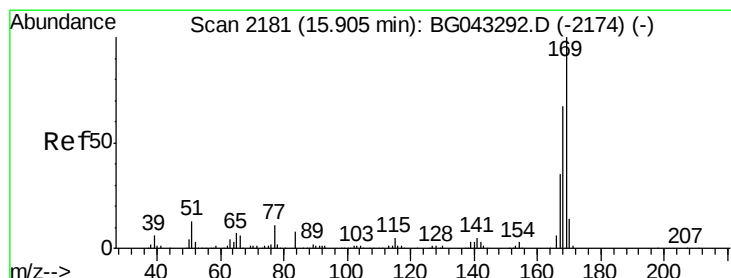
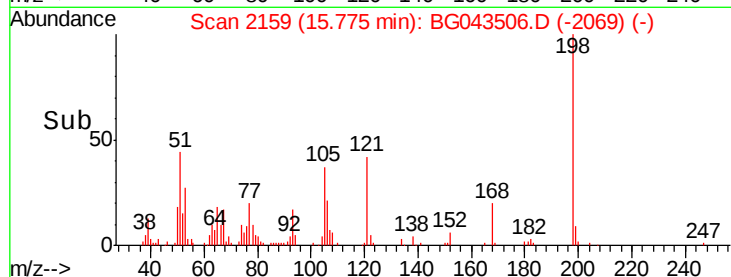
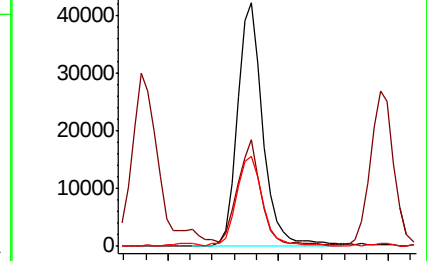
11/6/2019 8:41:04 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.342 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

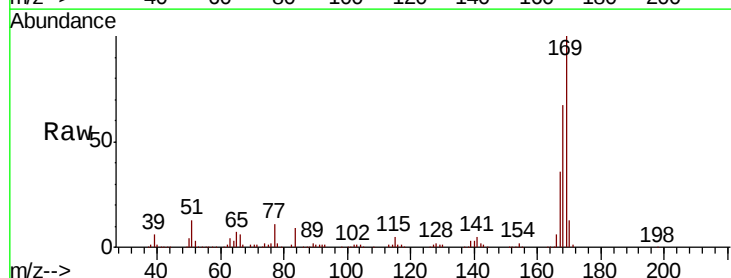
Tgt Ion:169 Resp: 303733

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

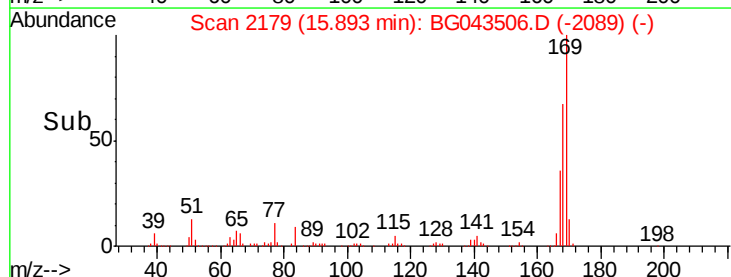
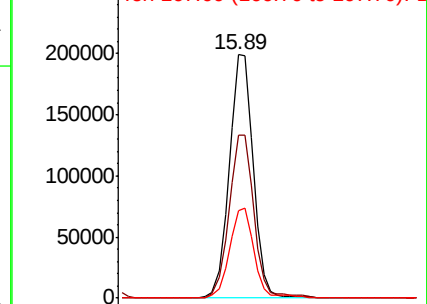
167 35.7 27.5 41.3

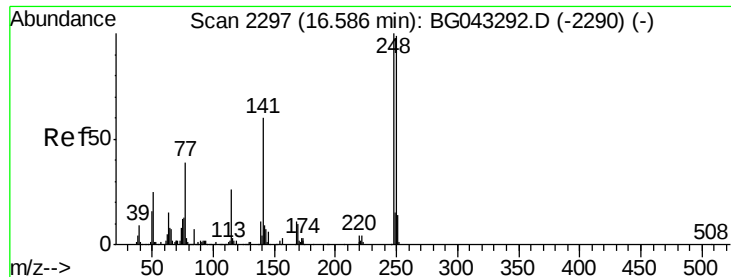


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





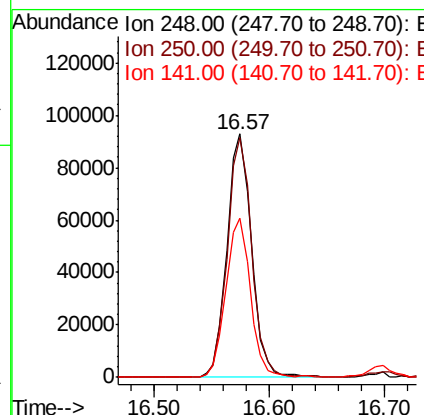
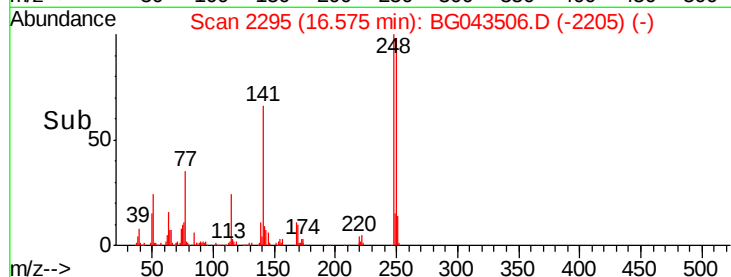
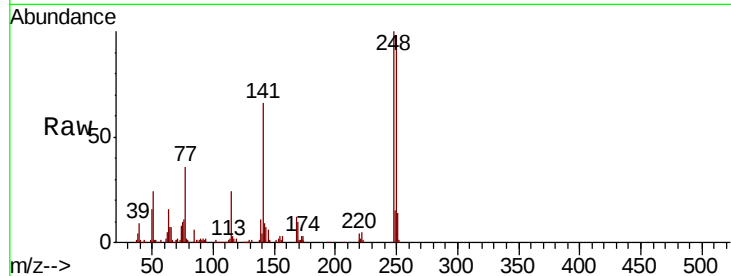
#67
4-Bromophenyl-phenylether
Concen: 34.442 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.4
141	65.5	47.5	71.3

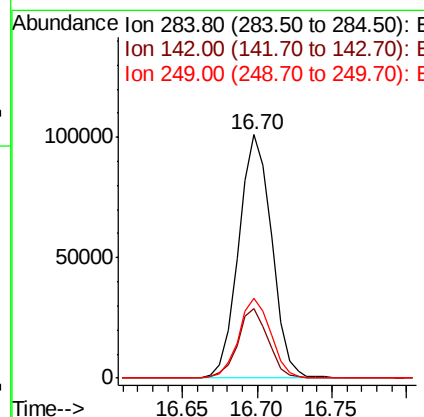
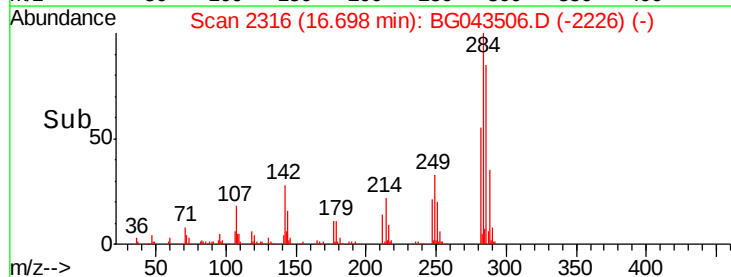
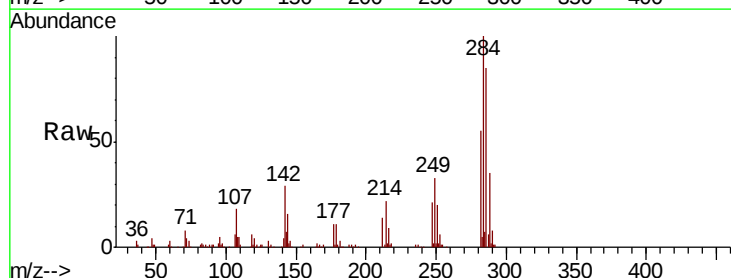
Manual Integrations
APPROVED

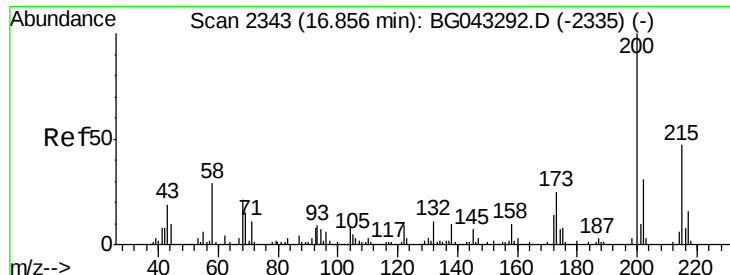
mohammad
11/6/2019 8:41:04 AM



#68
Hexachlorobenzene
Concen: 34.062 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	19.8	29.8
249	32.6	23.8	35.6





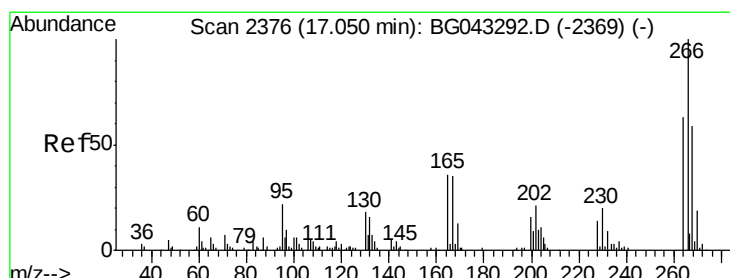
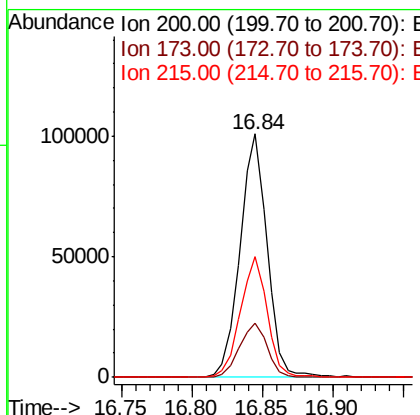
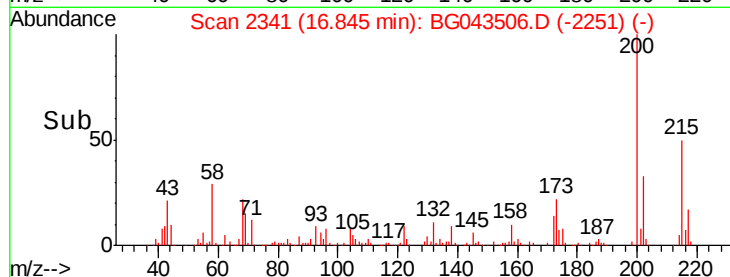
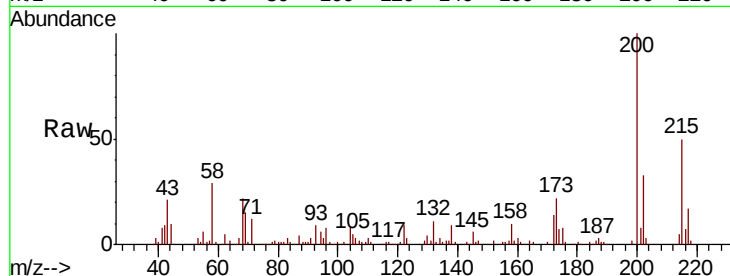
#69
Atrazine
Concen: 46.594 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampled :
PB124540BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.1	4.7	44.7
215	49.6	28.5	68.5

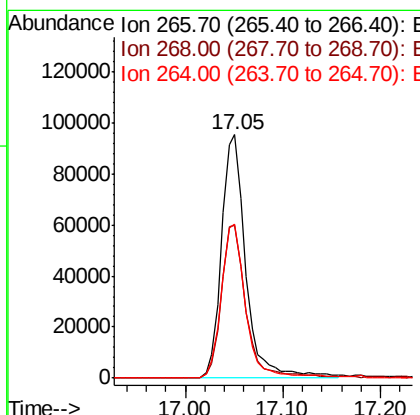
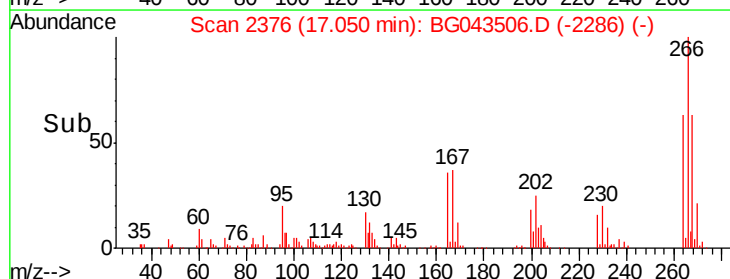
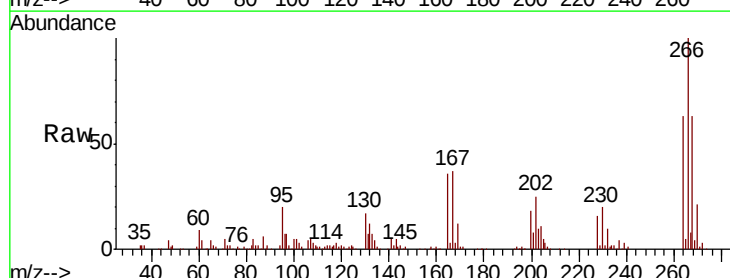
Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#70
Pentachlorophenol
Concen: 79.207 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	50.4	75.6
264	63.3	48.9	73.3





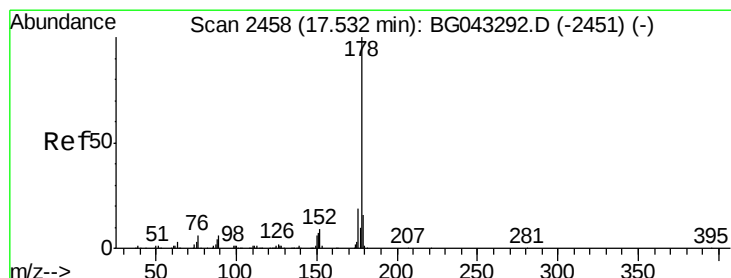
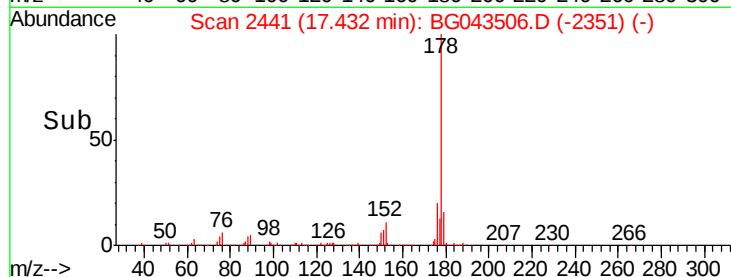
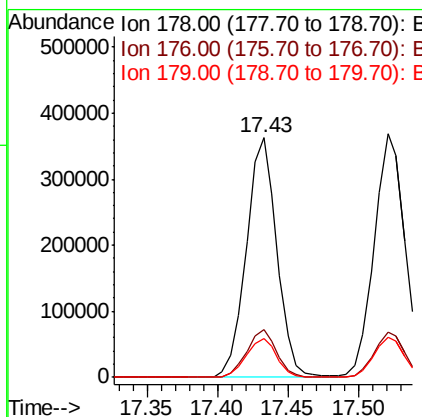
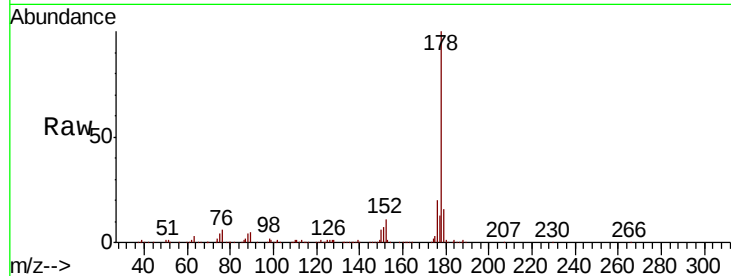
#71
Phenanthrene
Concen: 36.378 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124540BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	16.4	13.0	19.6

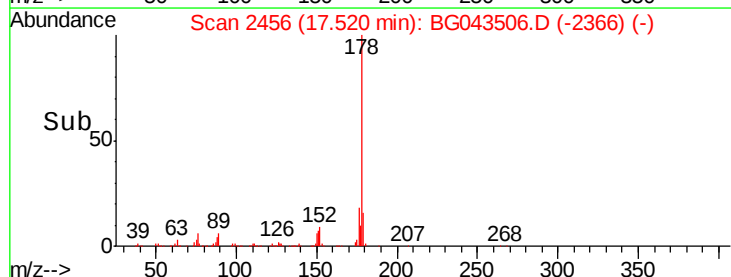
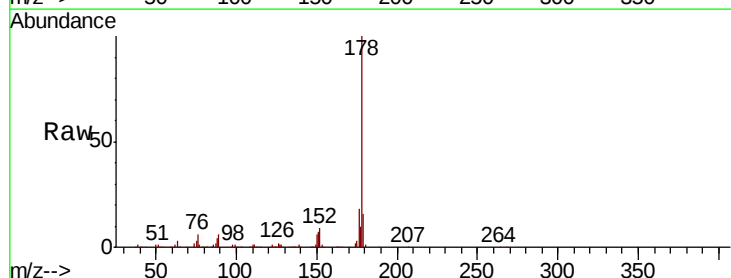
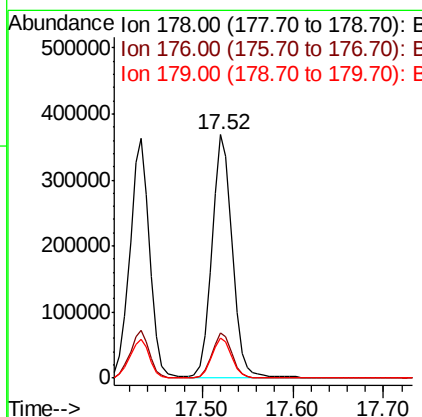
Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#72
Anthracene
Concen: 37.702 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043506.D
Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.4	13.7	20.5





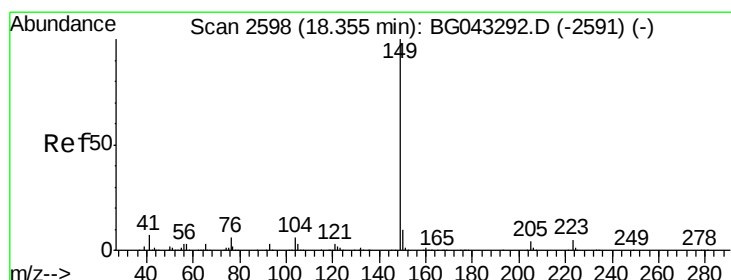
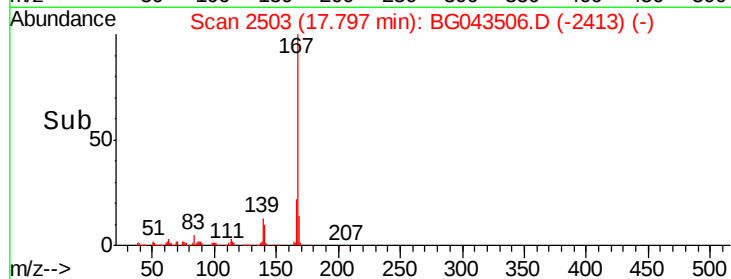
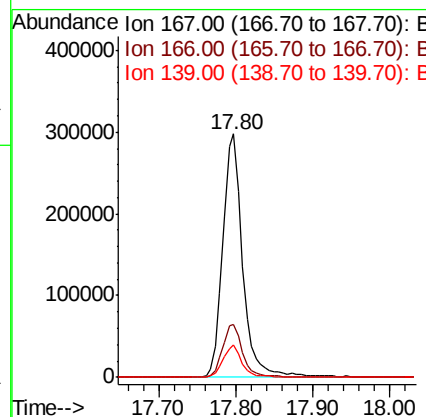
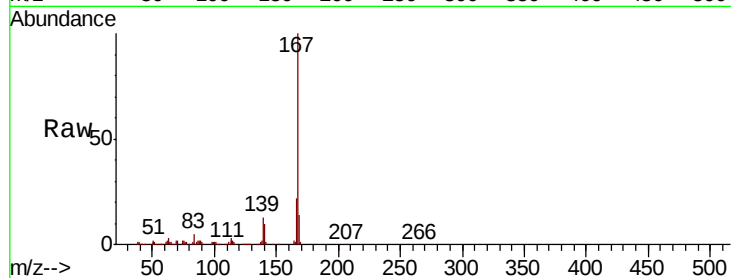
#73
 Carbazole
 Concen: 38.719 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion:	167	Resp:	531779
Ion Ratio	Lower	Upper	
167	100		
166	21.6	18.7	28.1
139	13.3	10.0	15.0

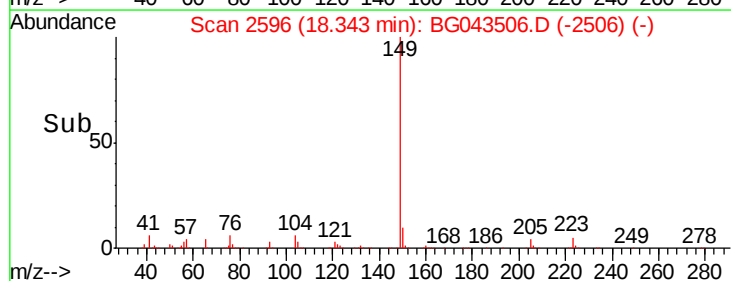
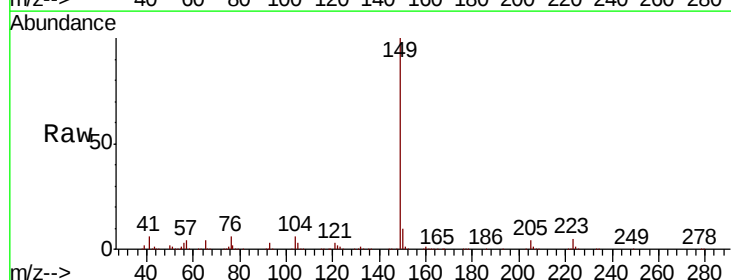
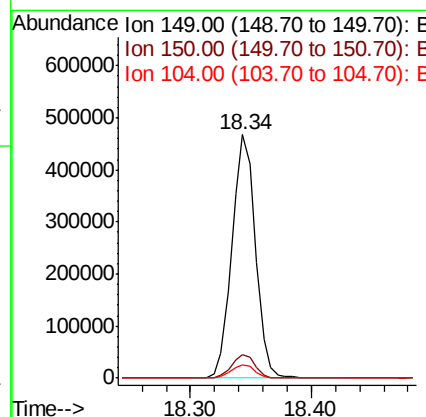
Manual Integrations
 APPROVED

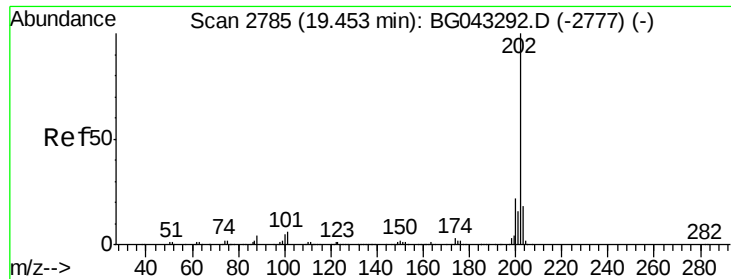
mohammad
 11/6/2019 8:41:04 AM



#74
 Di-n-butylphthalate
 Concen: 37.761 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion:	149	Resp:	629275
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 37.971 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

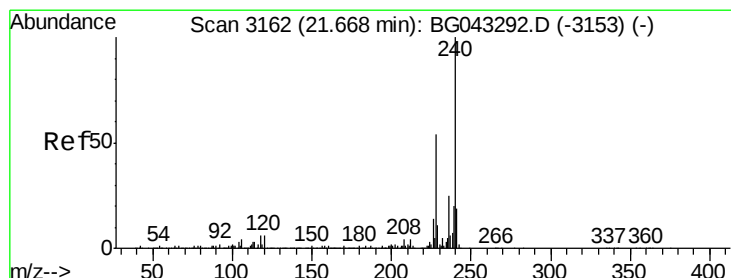
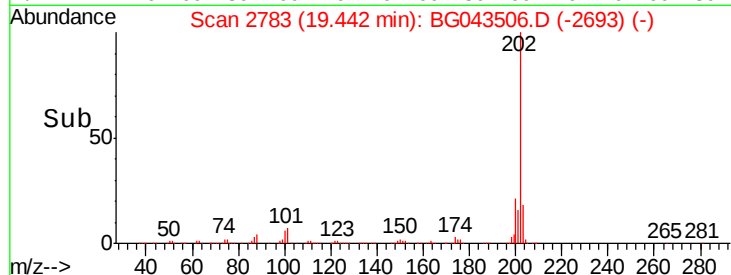
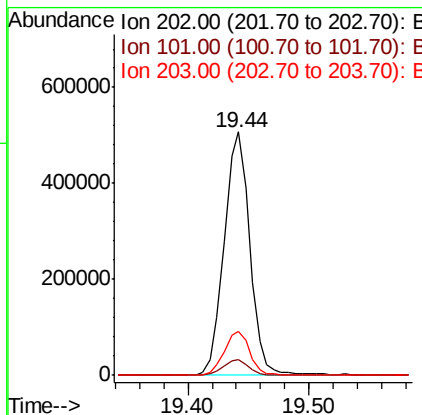
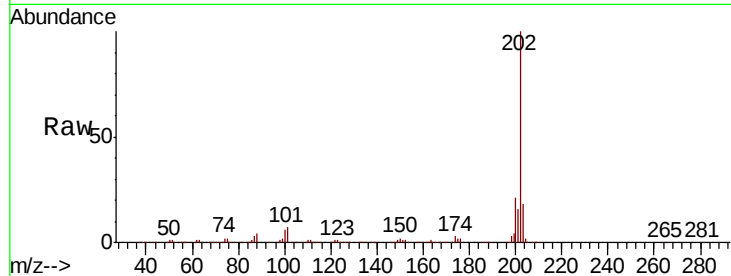
ClientSampleId :

PB124540BS

Tot Ion:	202	Resp:	750397
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.3
203	17.9	0.0	37.9

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#76

Chrysene-d12

Concen: 20.000 ng

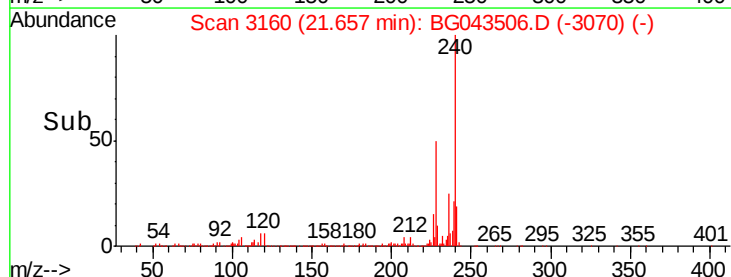
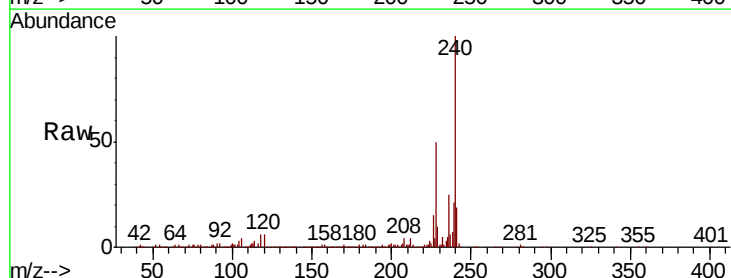
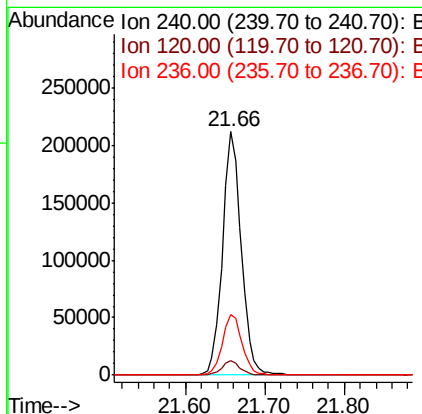
RT: 21.66 min Scan# 3160

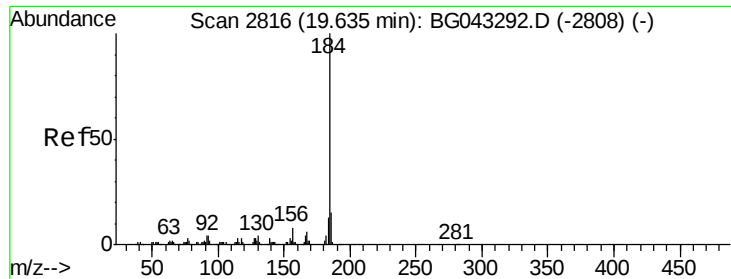
Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	240	Resp:	347448
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.6	6.8
236	24.9	19.8	29.8





#77

Benzidine

Concen: 28.955 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

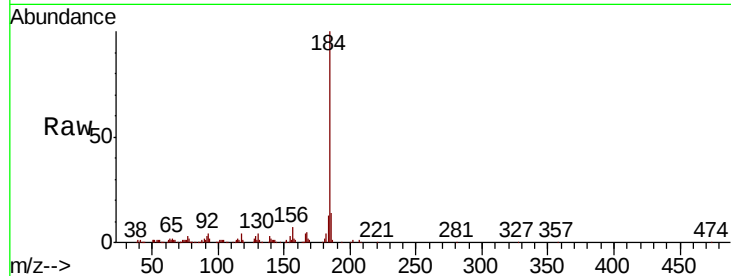
ClientSampleId :

PB124540BS

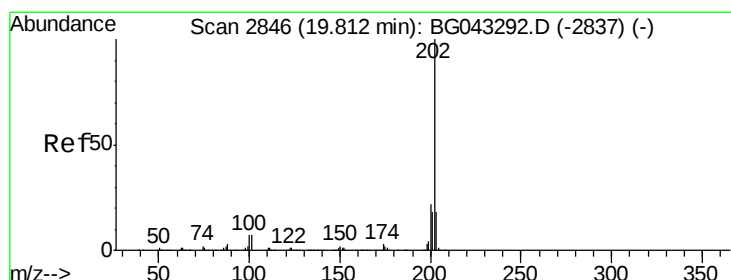
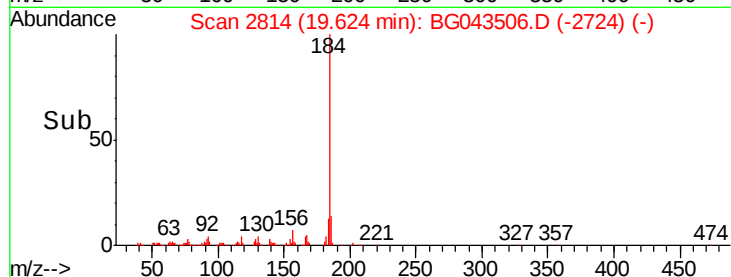
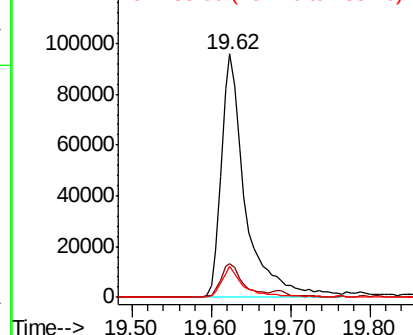
Tot Ion:	184	Resp:	202470
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.0	16.4
183	12.7	10.0	15.0

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.455 ng

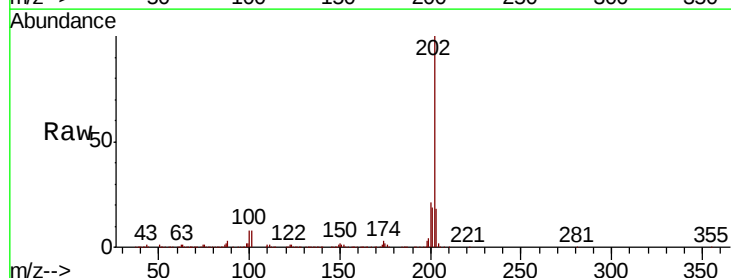
RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

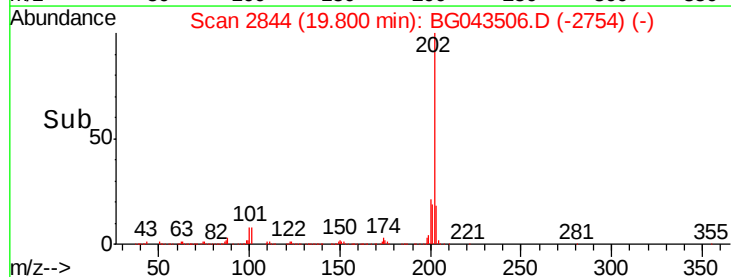
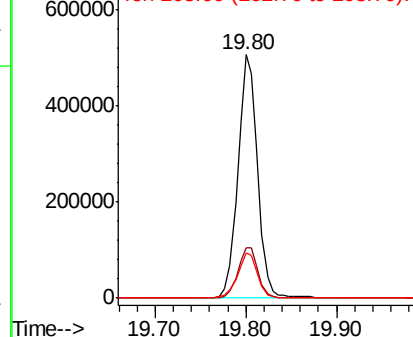
Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	202	Resp:	762512
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	18.5	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





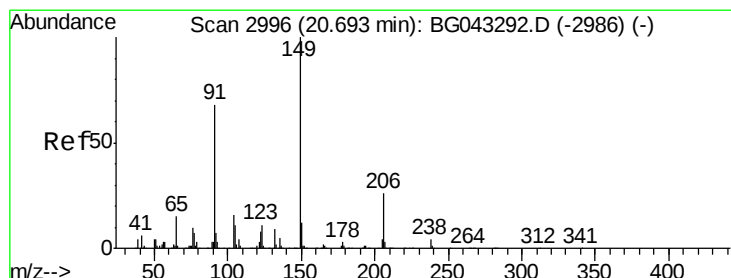
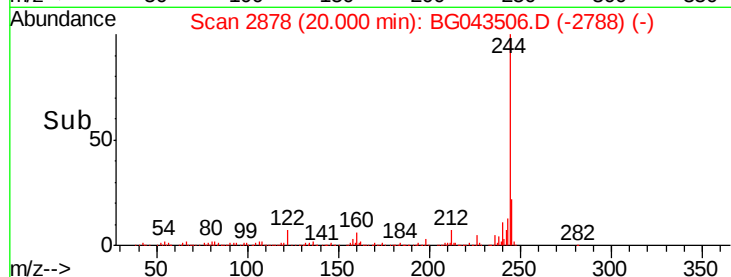
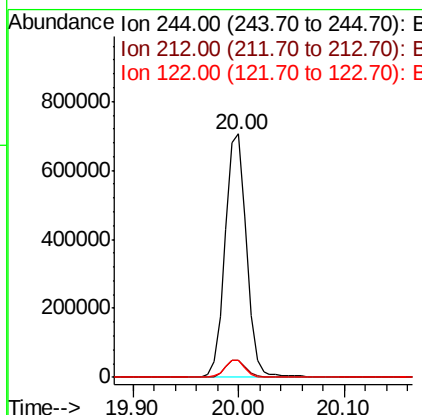
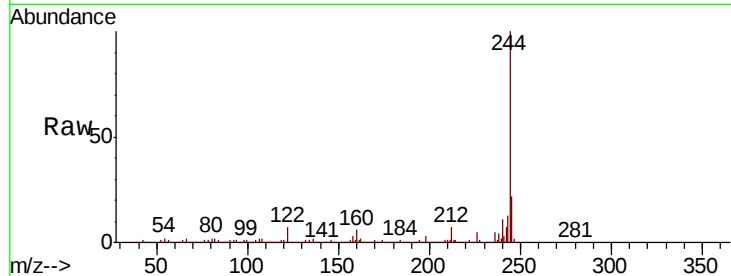
#79
 Terphenyl-d14
 Concen: 53.445 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.8	5.4	8.2

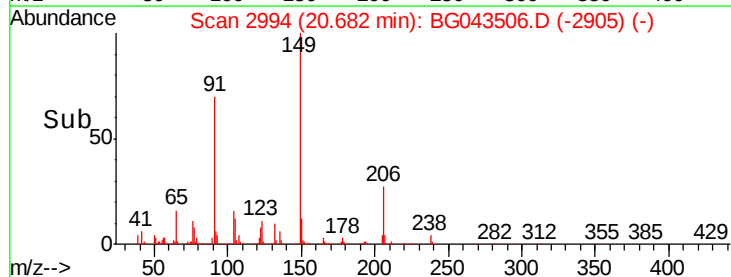
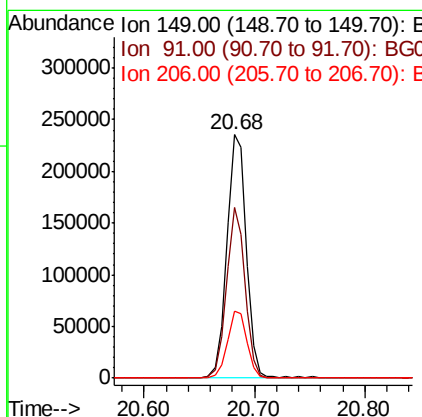
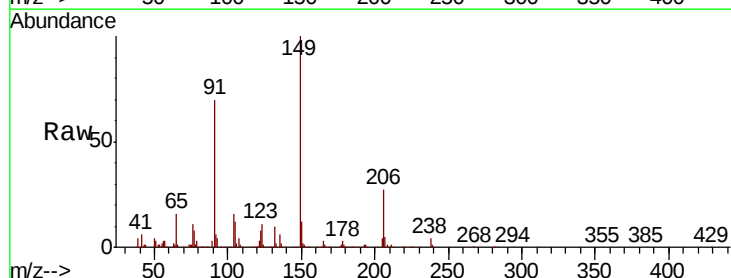
Manual Integrations
 APPROVED

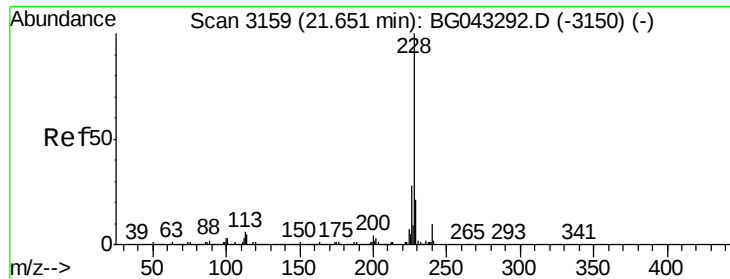
mohammad
 11/6/2019 8:41:04 AM



#80
 Butylbenzylphthalate
 Concen: 35.750 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	51.2	76.8
206	27.3	22.5	33.7





#81

Benzo(a)anthracene

Concen: 36.293 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

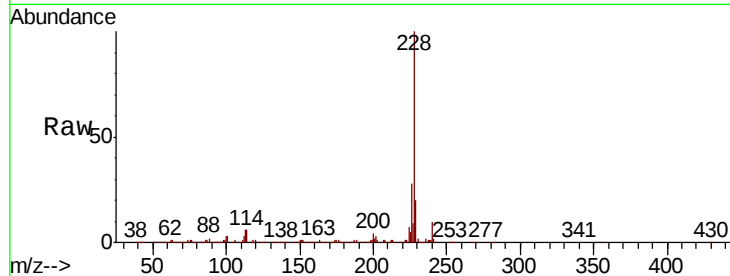
ClientSampleId :

PB124540BS

Tot Ion:	228	Resp:	789880
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.2	33.2
229	20.4	17.0	25.4

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM

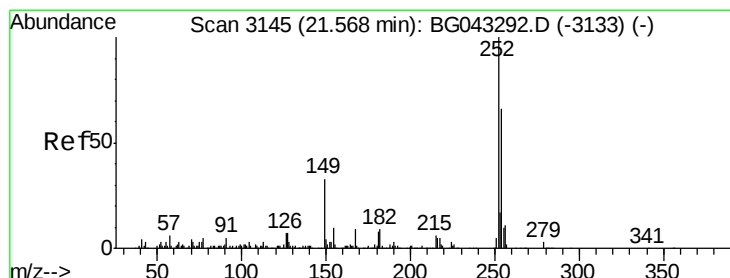
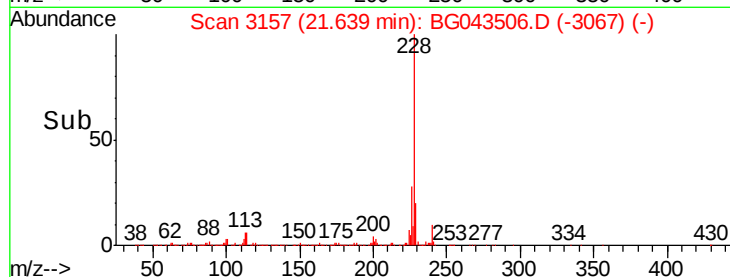
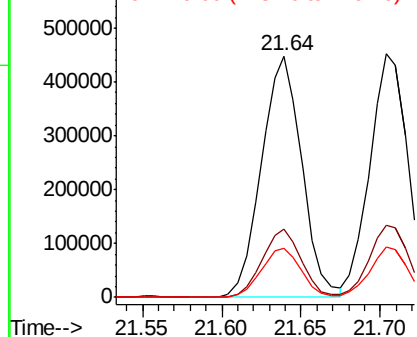


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.895 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

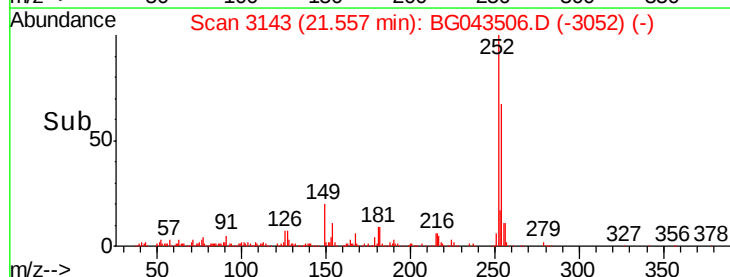
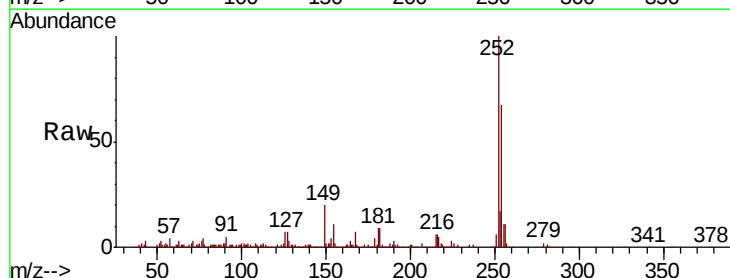
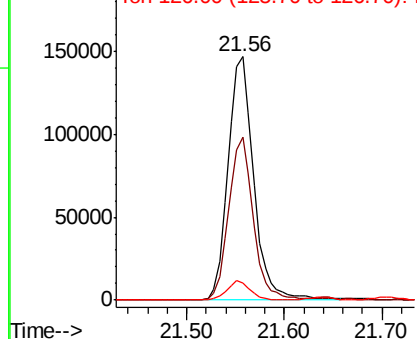
Tgt Ion:	252	Resp:	268488
Ion Ratio	Lower	Upper	
252	100		
254	66.8	50.8	76.2
126	6.8	6.1	9.1

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





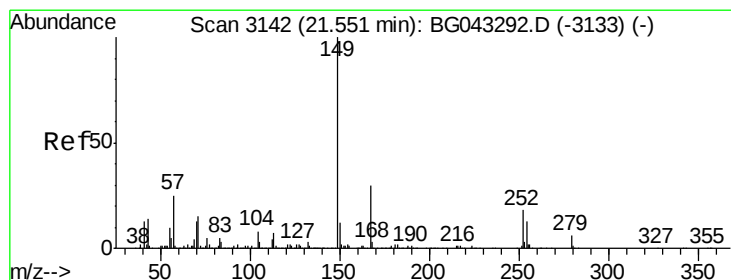
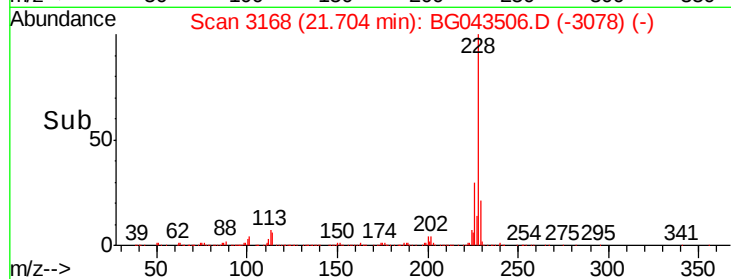
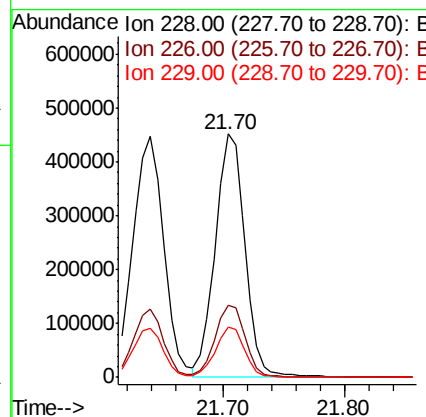
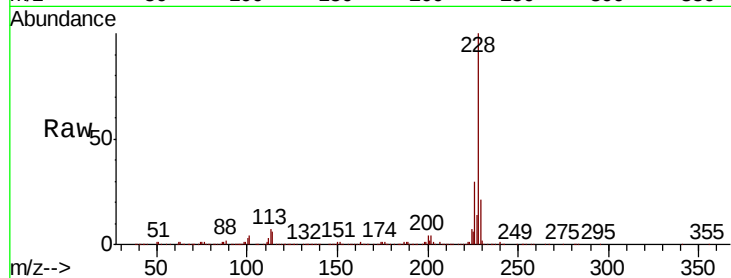
#83
 Chrvsene
 Concen: 35.153 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	20.5	17.0	25.4

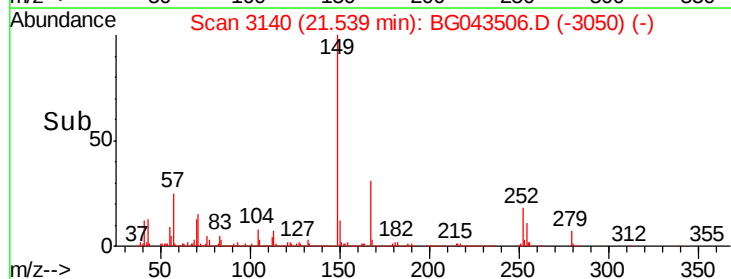
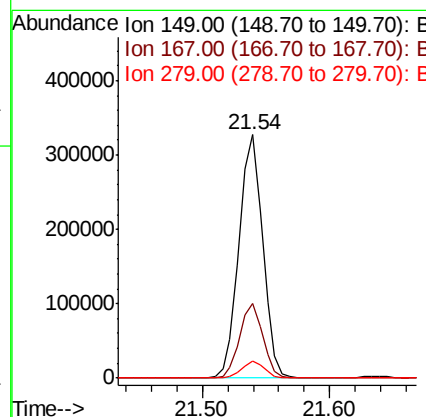
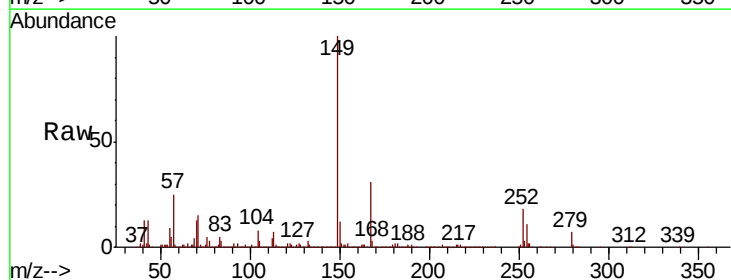
Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:04 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.373 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG043506.D
 Acq: 5 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.0	36.0
279	6.9	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 36.961 ng

RT: 22.74 min Scan# 3344

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

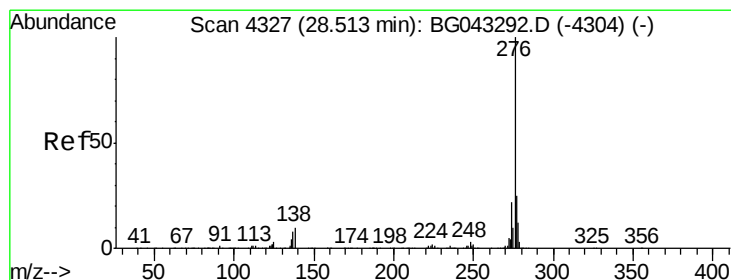
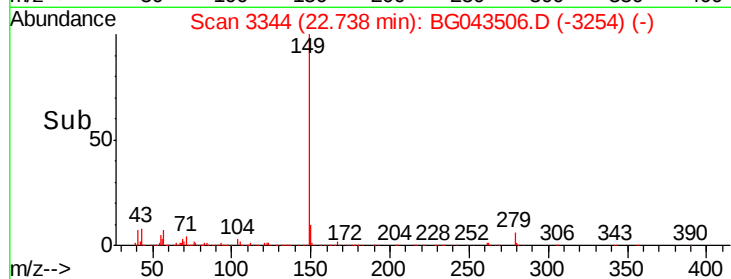
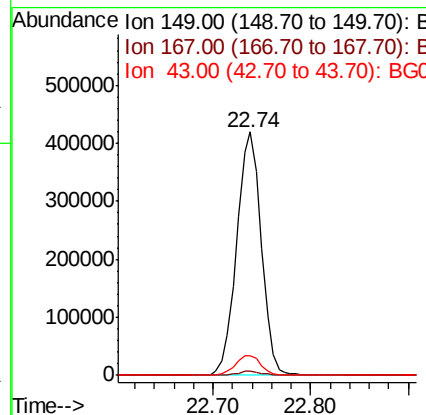
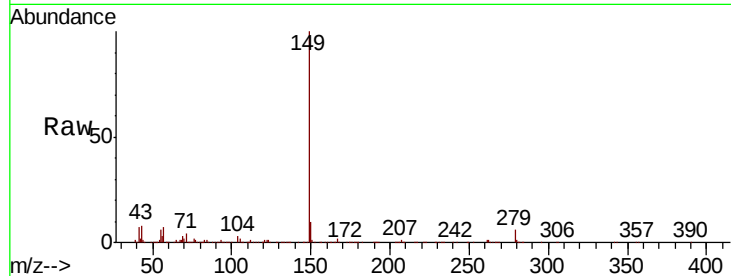
ClientSampled :

PB124540BS

Tot Ion:	149	Resp:	725793
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.5	7.0	10.6

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.325 ng

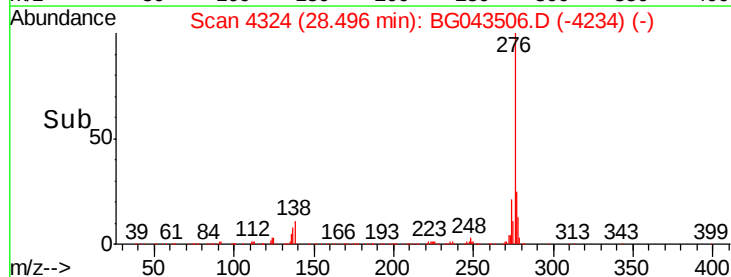
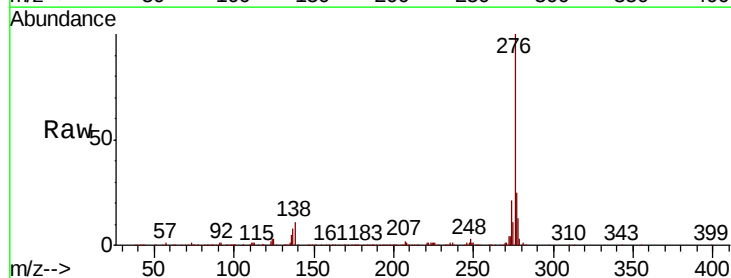
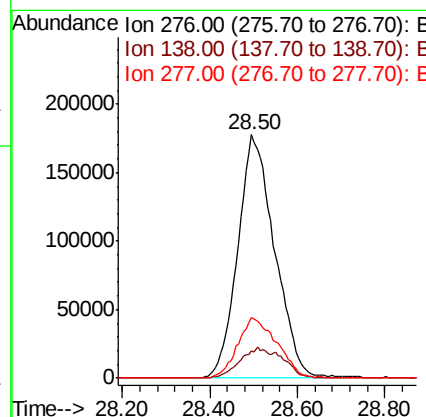
RT: 28.50 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	276	Resp:	1013128
Ion Ratio	Lower	Upper	
276	100		
138	9.5	6.8	10.2
277	26.3	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

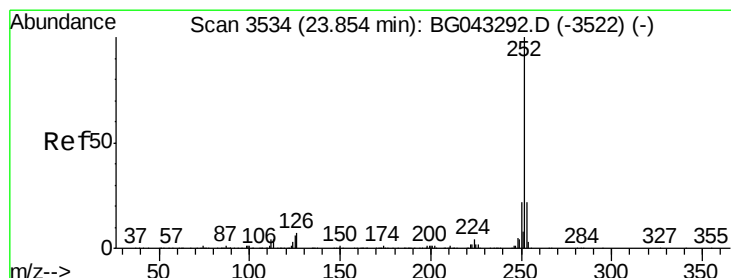
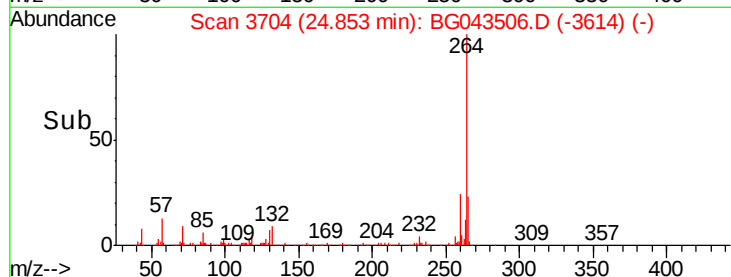
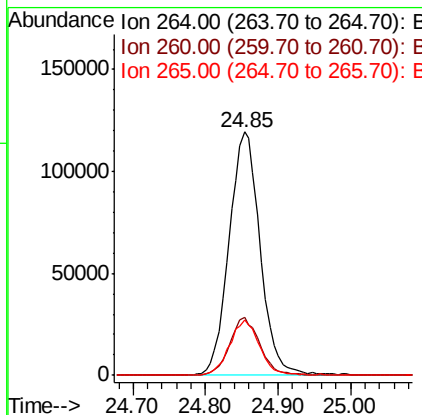
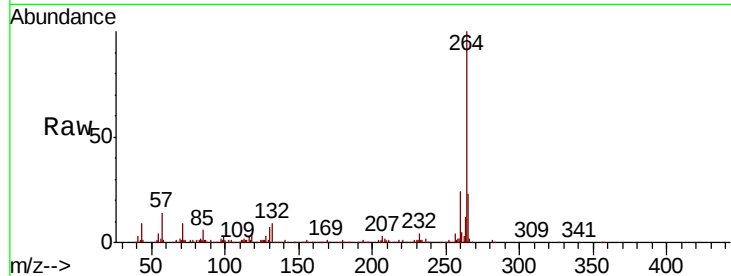
ClientSampleId :

PB124540BS

Tot Ion:	264	Resp:	354515
Ion Ratio		Lower	Upper
264	100		
260	23.8	17.5	26.3
265	22.8	17.4	26.0

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#88

Benzo(b)fluoranthene

Concen: 40.735 ng

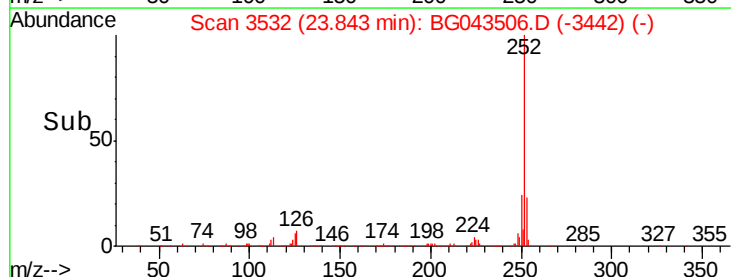
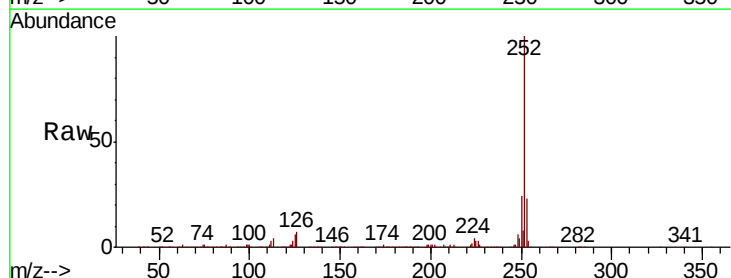
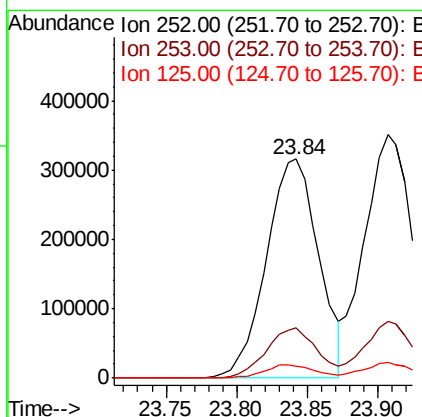
RT: 23.84 min Scan# 3532

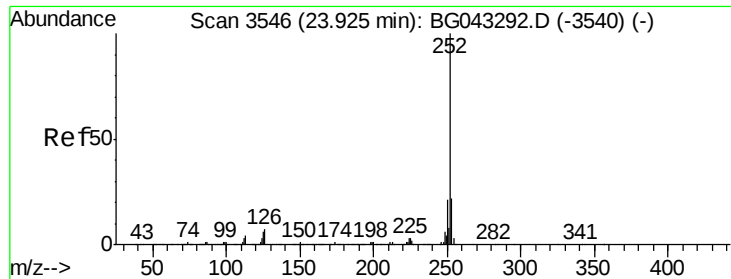
Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	252	Resp:	817894
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.7	26.5
125	5.7	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 41.890 ng

RT: 23.91 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

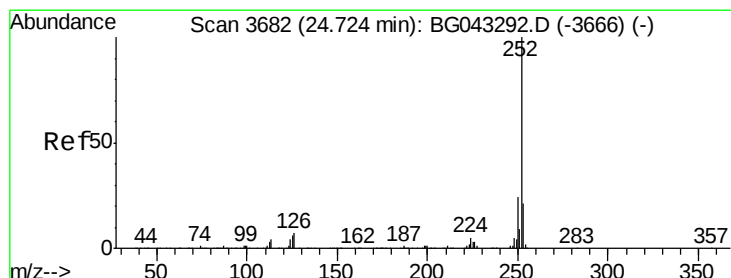
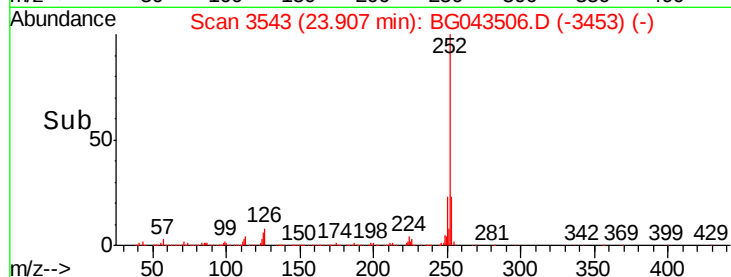
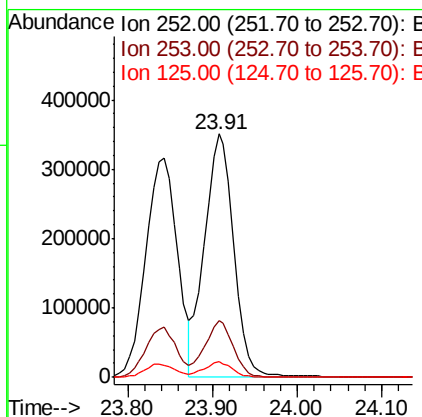
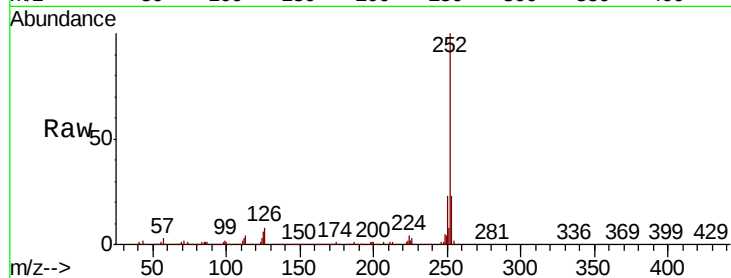
ClientSampleId :

PB124540BS

Tot Ion:	252	Resp:	846741
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	6.4	4.6	6.8

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#90

Benzo(a)pyrene

Concen: 40.101 ng

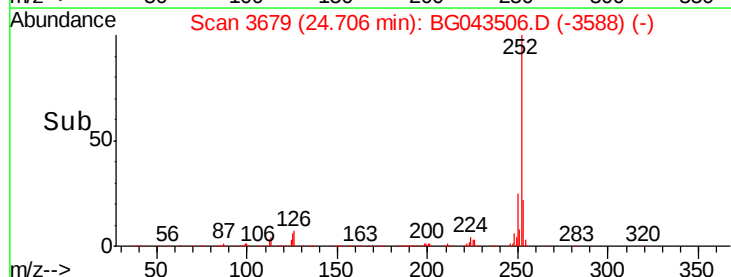
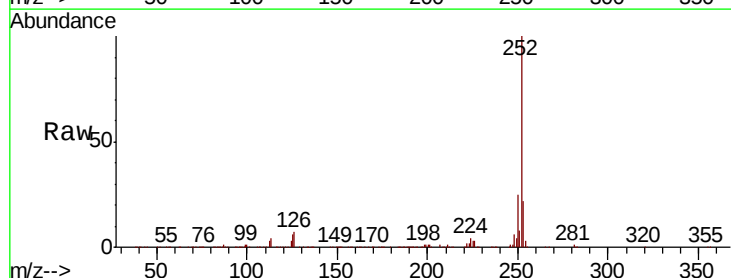
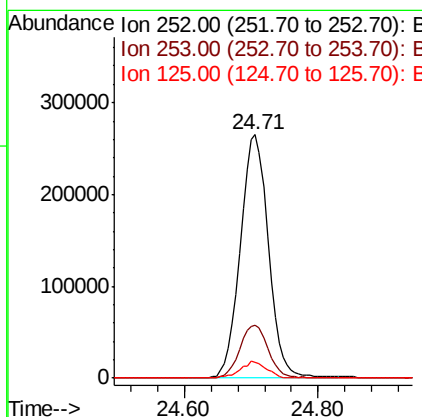
RT: 24.71 min Scan# 3679

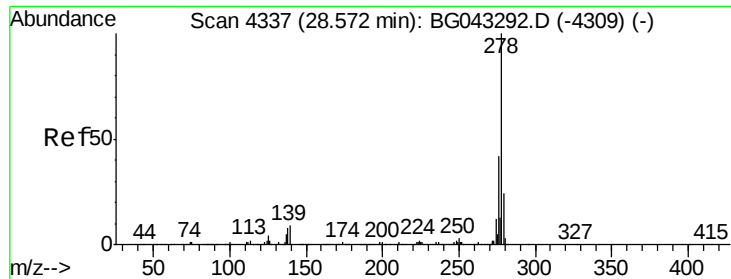
Delta R.T. 0.01 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	252	Resp:	768879
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	6.3	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.777 ng

RT: 28.55 min Scan# 4334

Delta R.T. 0.00 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Instrument :

BNA_G

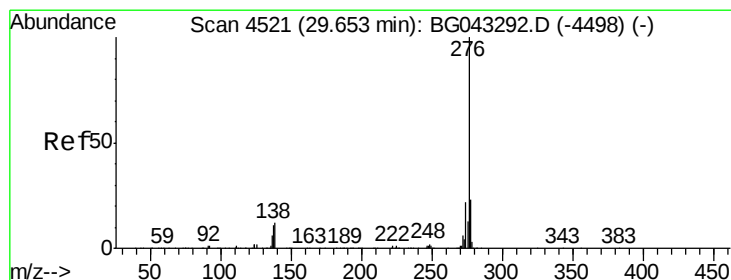
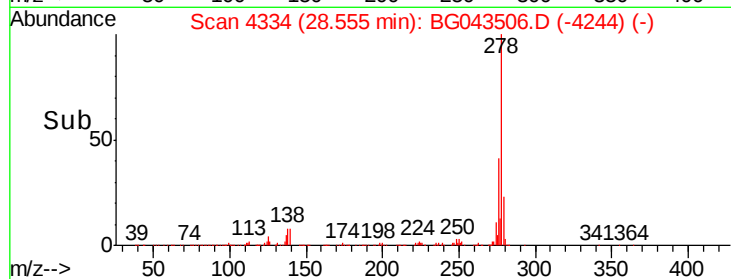
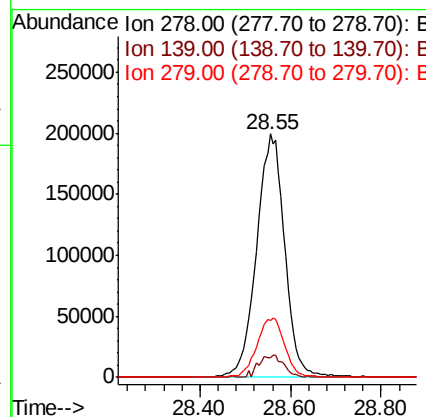
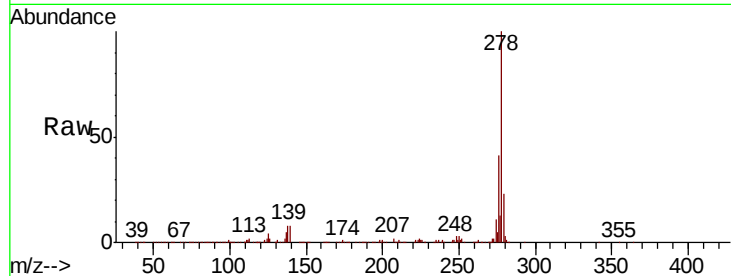
ClientSampled :

PB124540BS

Tot Ion:	278	Resp:	858546
Ion Ratio	Lower	Upper	
278	100		
139	8.2	7.4	11.0
279	23.3	19.1	28.7

Manual Integrations
APPROVED

mohammad
11/6/2019 8:41:04 AM



#92

Benzo(g,h,i)perylene

Concen: 44.031 ng

RT: 29.65 min Scan# 4520

Delta R.T. 0.02 min

Lab File: BG043506.D

Acq: 5 Nov 2019 13:58

Tgt Ion:	276	Resp:	851782
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	12.5	8.9	13.3

