

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043587.D
 Acq On : 11 Nov 2019 17:24
 Operator : JU
 Sample : PB124597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Manual Integrations
 APPROVED

mohammad
 11/12/2019 5:04:03 PM

Quant Time: Nov 12 01:17:03 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	8.00	152	22490	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	89099	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	66117	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	165737	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	189448	20.00	ng	-0.01
87) Perylene-d12	24.83	264	217154	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	149772	122.03	ng	0.00
7) Phenol-d6	7.20	99	211333	119.68	ng	0.00
23) Nitrobenzene-d5	9.16	82	105621	61.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	137990	109.67	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	299073	62.50	ng	-0.01
79) Terphenyl-d14	19.99	244	657396	65.10	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	18128	37.903 ng	95
3) Pyridine	3.86	79	43243	35.842 ng	95
4) n-Nitrosodimethylamine	3.78	42	27246	44.754 ng	# 89
6) Aniline	7.33	93	64228	31.575 ng	98
8) 2-Chlorophenol	7.58	128	60547	44.690 ng	98
9) Benzaldehyde	7.14	77	32087	36.975 ng	87
10) Phenol	7.23	94	75575	46.836 ng	97
11) bis(2-Chloroethyl)ether	7.42	93	50645	40.596 ng	93
12) 1,3-Dichlorobenzene	7.89	146	67553	39.796 ng	98
13) 1,4-Dichlorobenzene	8.03	146	69112	40.241 ng	97
14) 1,2-Dichlorobenzene	8.35	146	66350	39.567 ng	91
15) Benzyl Alcohol	8.25	79	52075	41.991 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	68372	37.691 ng	96
17) 2-Methylphenol	8.47	107	53650	45.609 ng	96
18) Hexachloroethane	9.08	117	22944	37.029 ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	45044	39.476 ng	93
20) 3+4-Methylphenols	8.80	107	70724	43.846 ng	93
22) Acetophenone	8.82	105	86835	38.057 ng	# 93
24) Nitrobenzene	9.20	77	69866	42.437 ng	# 95
25) Isophorone	9.73	82	129126	40.866 ng	98
26) 2-Nitrophenol	9.92	139	35372	44.503 ng	# 95
27) 2,4-Dimethylphenol	9.99	122	56786	49.847 ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	67699	38.820 ng	98
29) 2,4-Dichlorophenol	10.47	162	66943	45.863 ng	90
30) 1,2,4-Trichlorobenzene	10.67	180	72027	39.152 ng	95
31) Naphthalene	10.86	128	187859	41.538 ng	100
32) Benzoic acid	10.16	122	26840	34.088 ng	96
33) 4-Chloroaniline	10.98	127	45043	24.297 ng	97
34) Hexachlorobutadiene	11.14	225	51301	37.723 ng	93
35) Caprolactam	11.74	113	21809m	43.383 ng	
36) 4-Chloro-3-methylphenol	12.12	107	73764	46.330 ng	97
37) 2-Methylnaphthalene	12.46	142	146257	42.147 ng	98
38) 1-Methylnaphthalene	12.68	142	140117	42.437 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94655	38.684 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043587.D
 Acq On : 11 Nov 2019 17:24
 Operator : JU
 Sample : PB124597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Manual Integrations
 APPROVED

mohammad
 11/12/2019 5:04:03 PM

Quant Time: Nov 12 01:17:03 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	12.81	237	96203	74.845	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	60398	41.914	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	64227	44.087	nq #	94
46) 1,1'-Biphenyl	13.46	154	198561	39.477	nq	95
47) 2-Chloronaphthalene	13.51	162	154284	40.314	nq	97
48) 2-Nitroaniline	13.72	65	46821	40.934	nq	94
49) Acenaphthylene	14.36	152	257331	43.204	nq	99
50) Dimethylphthalate	14.09	163	212381	41.471	nq	98
51) 2,6-Dinitrotoluene	14.20	165	47138	42.368	nq	97
52) Acenaphthene	14.70	154	150863	41.534	nq	97
53) 3-Nitroaniline	14.55	138	30542	28.433	nq #	99
54) 2,4-Dinitrophenol	14.76	184	49026	71.425	nq	98
55) Dibenzofuran	15.03	168	249851	42.417	nq	98
56) 4-Nitrophenol	14.89	139	67265	93.445	nq	91
57) 2,4-Dinitrotoluene	15.00	165	69100	43.459	nq #	98
58) Fluorene	15.68	166	208964	42.297	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	67731	43.759	nq	99
60) Diethylphthalate	15.44	149	212244	41.247	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	118398	41.081	nq	97
62) 4-Nitroaniline	15.71	138	44900	40.474	nq	92
63) Azobenzene	15.96	77	180216	43.274	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	40767	41.797	nq	95
66) n-Nitrosodiphenylamine	15.88	169	188622	40.311	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	84827	38.031	nq	98
68) Hexachlorobenzene	16.69	284	93868	36.663	nq	96
69) Atrazine	16.84	200	83095	51.107	nq	97
70) Pentachlorophenol	17.04	266	90632	77.688	nq	94
71) Phenanthrene	17.42	178	343471	40.470	nq	100
72) Anthracene	17.51	178	352650	41.530	nq	98
73) Carbazole	17.79	167	324170	42.157	nq	98
74) Di-n-butylphthalate	18.33	149	388757	41.667	nq	98
75) Fluoranthene	19.43	202	475959	43.017	nq	99
77) Benzidine	19.62	184	203602	53.401	nq	97
78) Pyrene	19.79	202	485944	41.439	nq	98
80) Butylbenzylphthalate	20.67	149	182099	40.988	nq	95
81) Benzo(a)anthracene	21.62	228	496755	41.861	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	142513	31.049	nq	98
83) Chrysene	21.69	228	486500	41.261	nq	96
84) Bis(2-ethylhexyl)phthalate	21.52	149	263831	41.805	nq	99
85) Di-n-octyl phthalate	22.72	149	454888	42.485	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	624361	42.186	nq	99
88) Benzo(b)fluoranthene	23.82	252	519231	42.218	nq	99
89) Benzo(k)fluoranthene	23.89	252	526965	42.561	nq	99
90) Benzo(a)pyrene	24.68	252	482518	41.084	nq	98
91) Dibenzo(a,h)anthracene	28.52	278	524765	43.683	nq	98
92) Benzo(g,h,i)perylene	29.60	276	520722	43.944	nq	99

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



#1

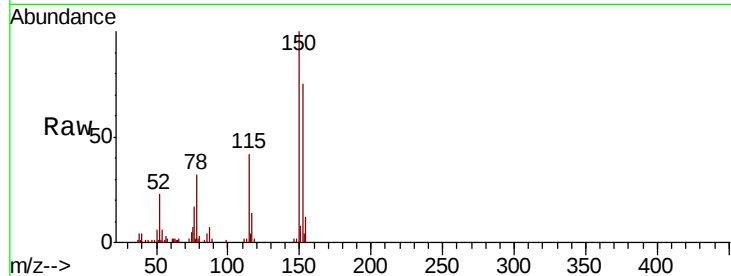
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.3	129.4	194.0
115	55.8	48.8	73.2

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

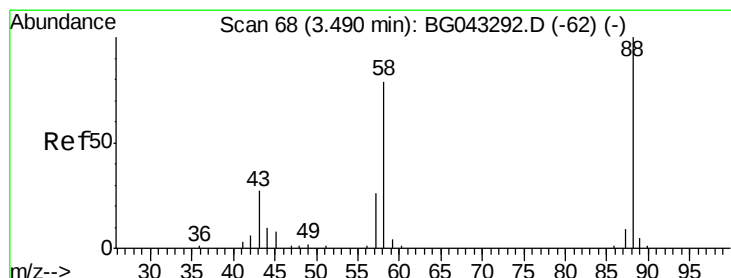
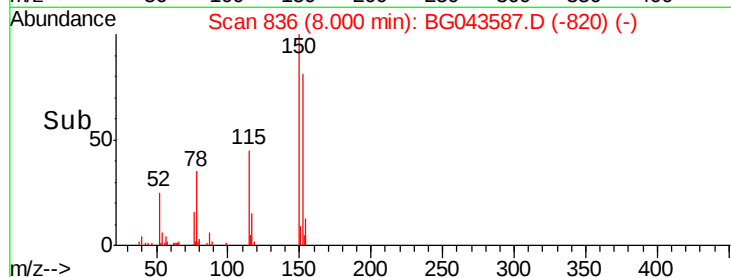
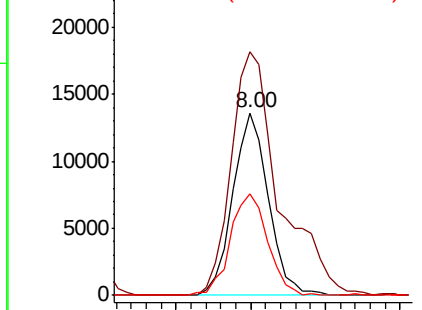


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

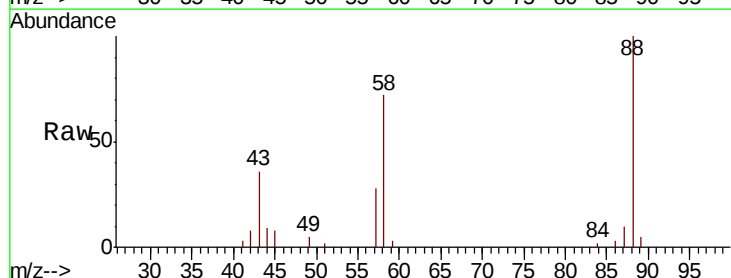
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.903 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	62.7	94.1
43	33.6	23.7	35.5

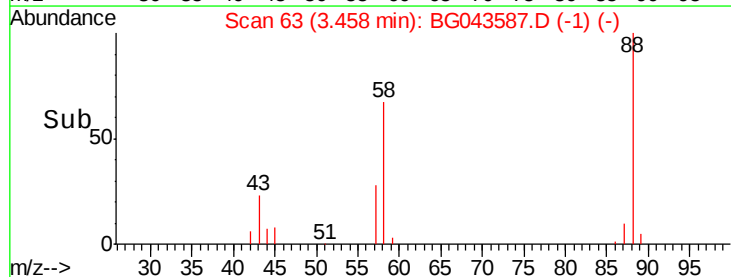
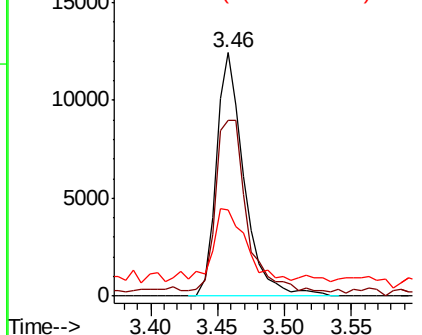


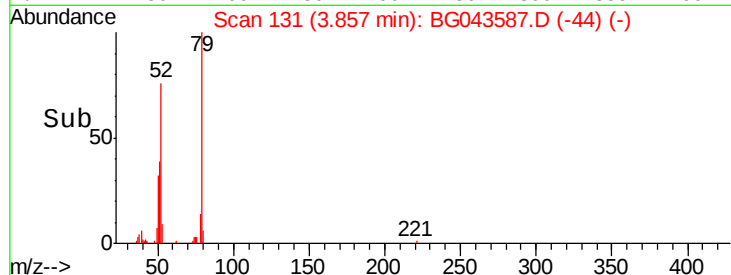
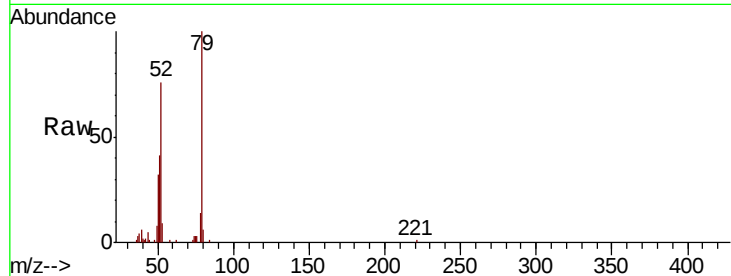
Abundance

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





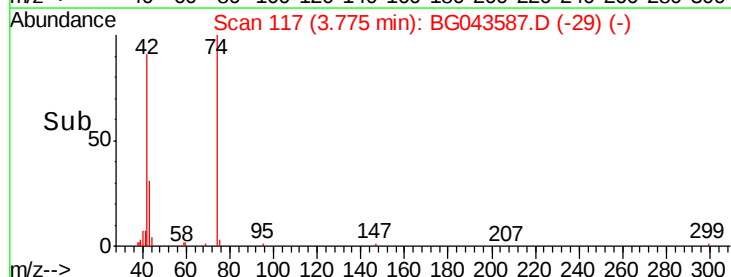
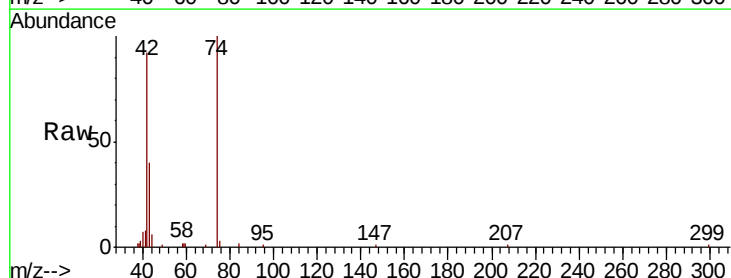
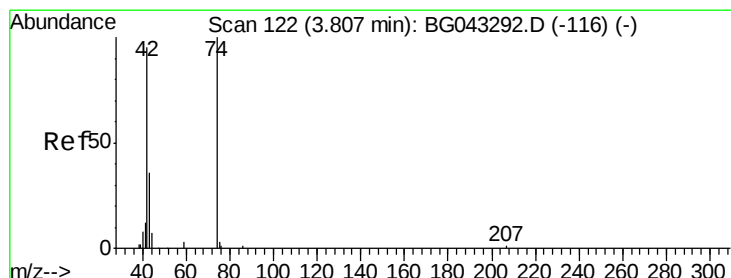
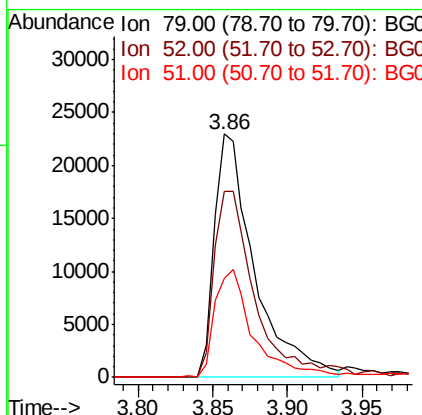
#3
Pvridine
Concen: 35.842 ng
RT: 3.86 min Scan# 131
Delta R.T. -0.02 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	76.2	56.5	84.7
51	51	40.6	33.2	49.8

Instrument :
BNA_G
ClientSampleId :
PB124597BS

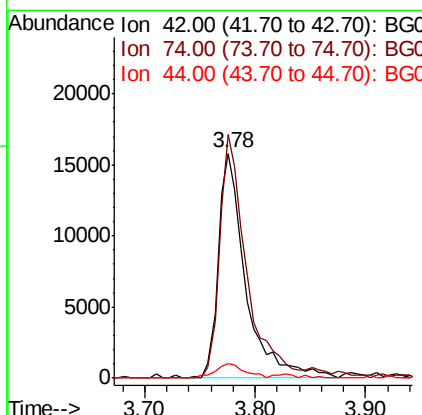
Manual Integrations
APPROVED

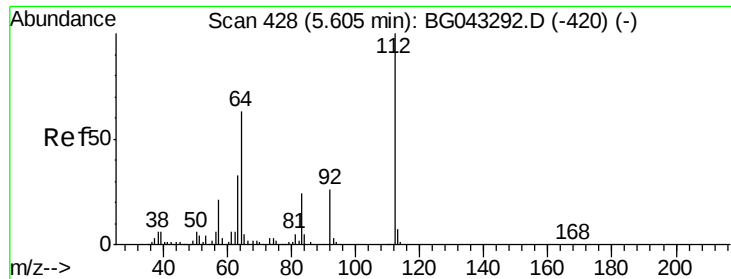
mohammad
11/12/2019 5:04:03 PM



#4
n-Nitrosodimethylamine
Concen: 44.754 ng
RT: 3.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	108.3	97.3	145.9
44	44	6.7	4.4	6.6#





#5

2-Fluorophenol

Concen: 122.032 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

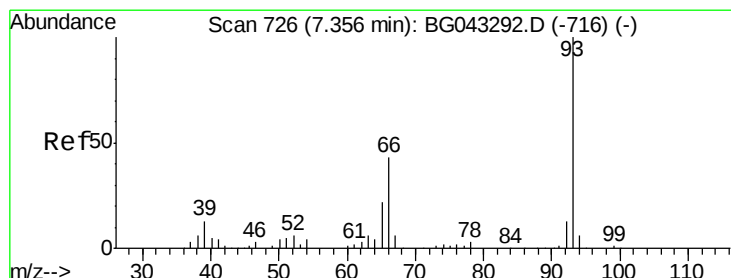
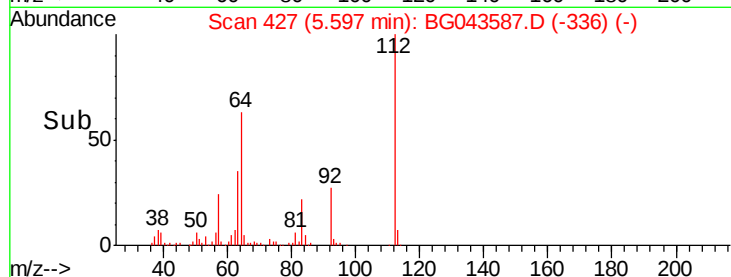
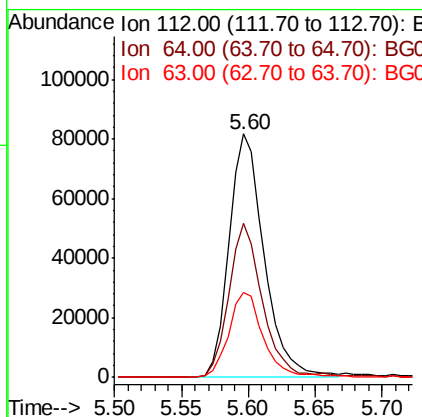
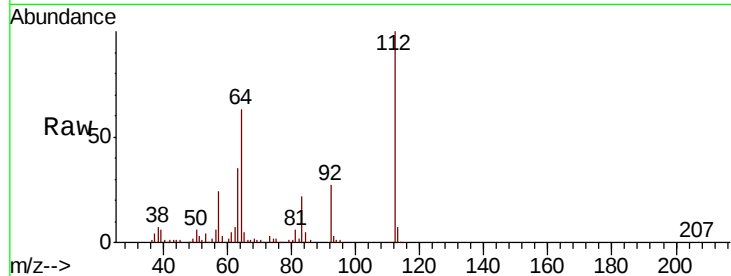
ClientSampleId :

PB124597BS

Tot Ion:	112	Resp:	149772
Ion Ratio	Lower	Upper	
112	100		
64	63.2	50.0	75.0
63	35.1	26.6	40.0

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#6

Aniline

Concen: 31.575 ng

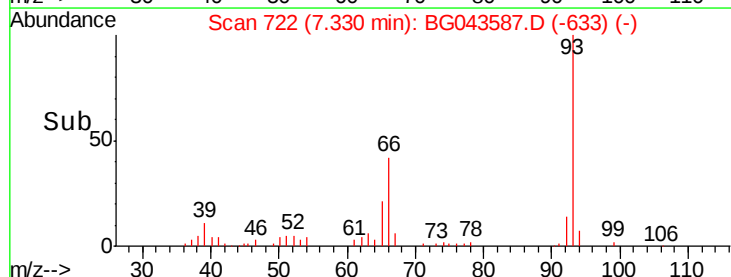
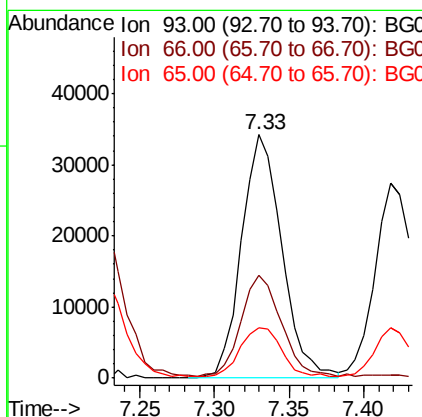
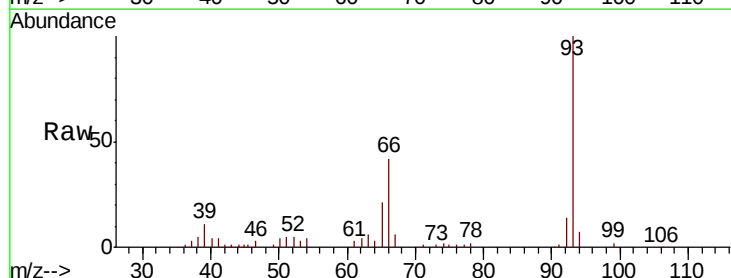
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	93	Resp:	64228
Ion Ratio	Lower	Upper	
93	100		
66	42.2	32.3	48.5
65	20.6	16.1	24.1





#7

Phenol-d6

Concen: 119.679 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

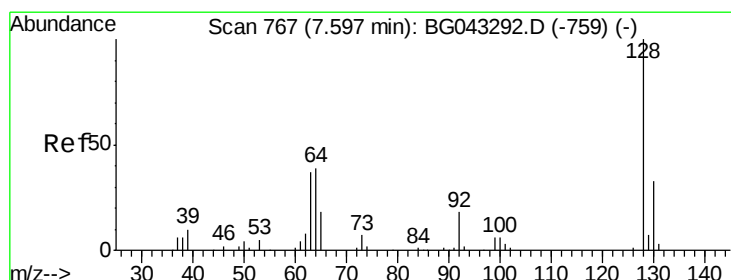
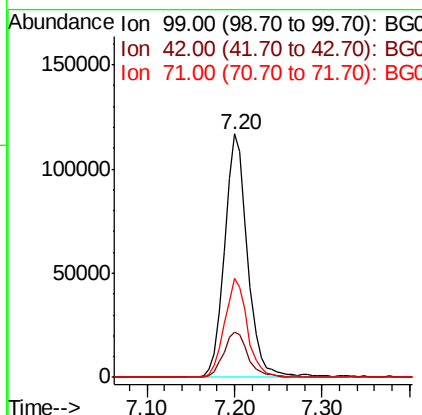
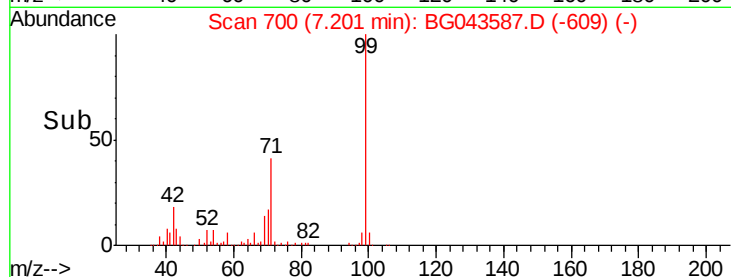
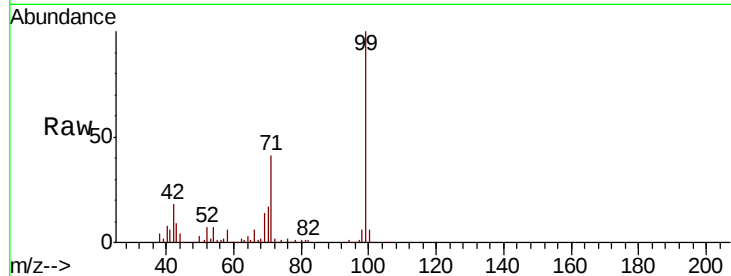
ClientSampleId :

PB124597BS

Tot Ion:	99	Resp:	211333
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.6	21.8
71	40.5	32.5	48.7

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#8

2-Chlorophenol

Concen: 44.690 ng

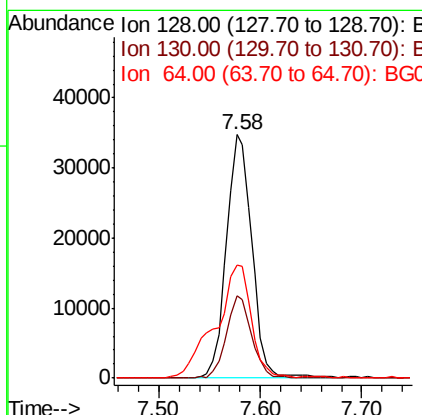
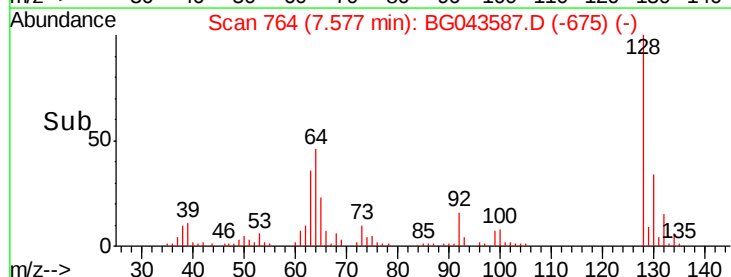
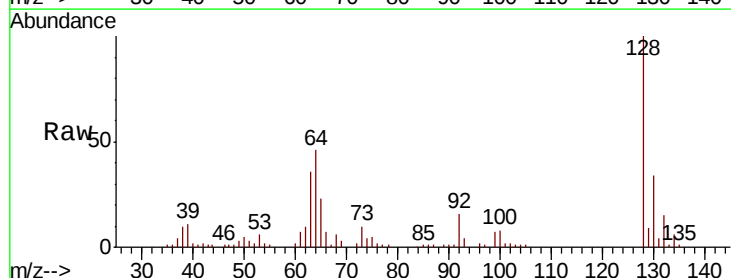
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	128	Resp:	60547
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.5	52.5
64	46.4	25.3	65.3





#9

Benzaldehyde

Concen: 36.975 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

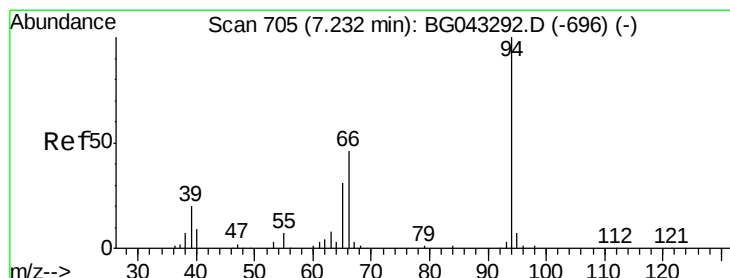
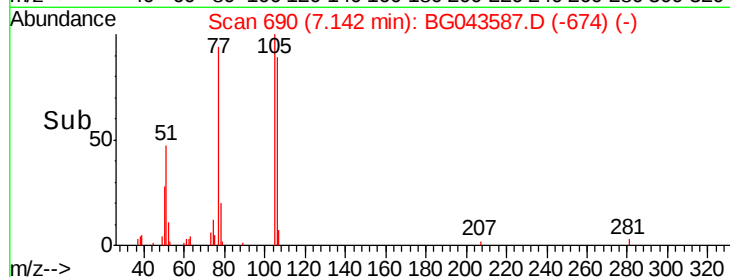
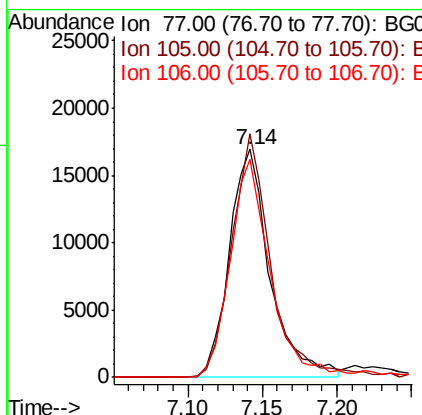
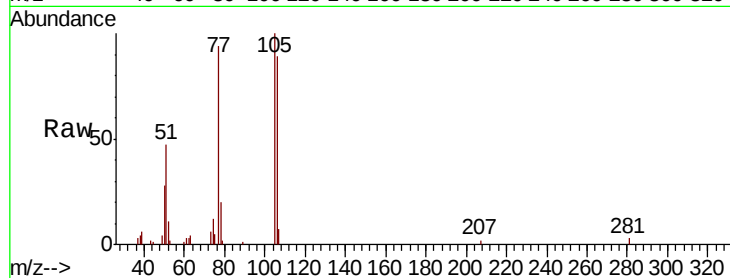
ClientSampleId :

PB124597BS

Tot Ion:	77	Resp:	32087
Ion	Ratio	Lower	Upper
77	100		
105	106.8	68.6	108.6
106	95.5	69.9	109.9

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#10

Phenol

Concen: 46.836 ng

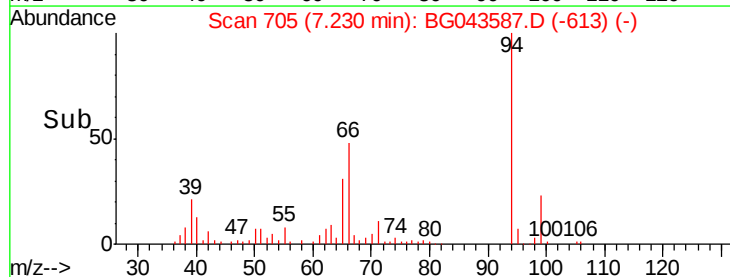
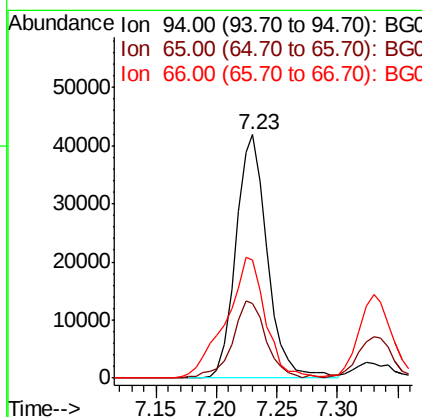
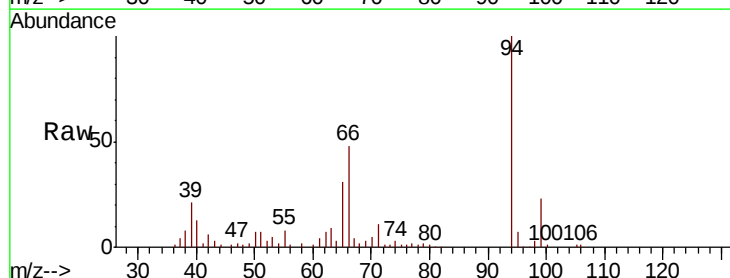
RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	94	Resp:	75575
Ion	Ratio	Lower	Upper
94	100		
65	30.9	12.6	52.6
66	48.4	30.7	70.7





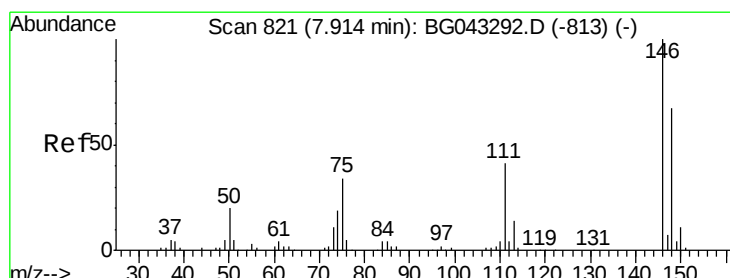
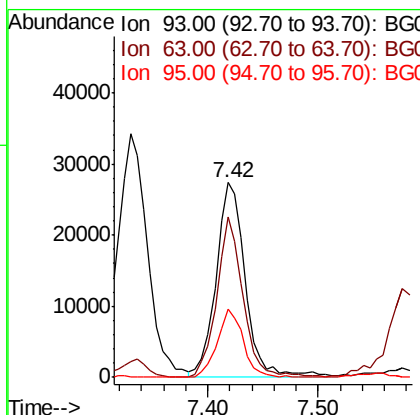
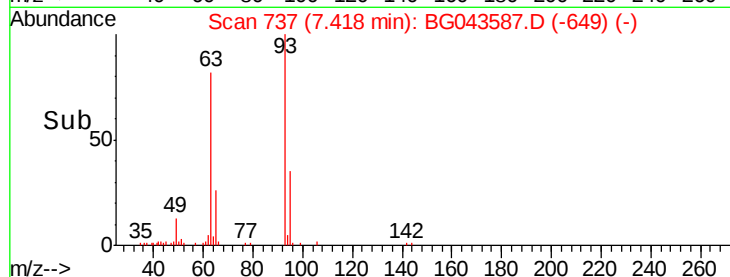
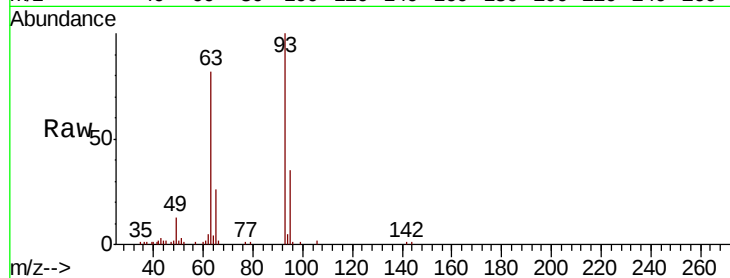
#11
bis(2-Chloroethyl)ether
Concen: 40.596 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:	93	Resp:	50645
Ion Ratio	Lower	Upper	
93	100		
63	82.3	56.3	96.3
95	35.3	12.2	52.2

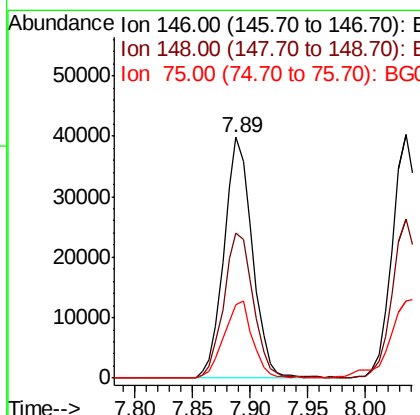
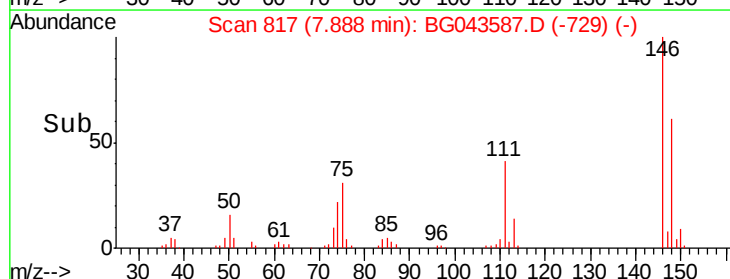
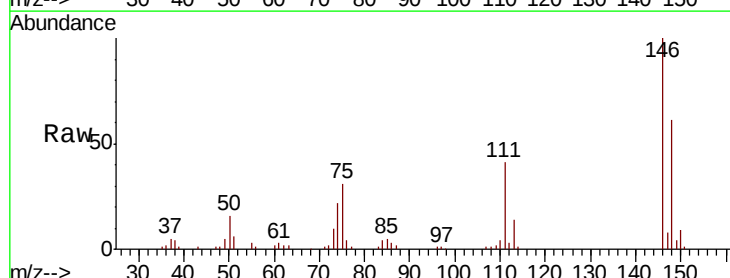
Manual Integrations
APPROVED

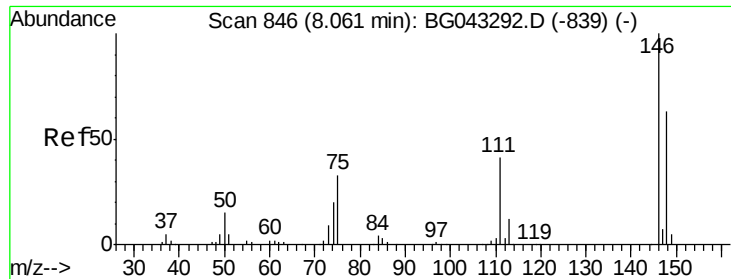
mohammad
11/12/2019 5:04:03 PM



#12
1,3-Dichlorobenzene
Concen: 39.796 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:	146	Resp:	67553
Ion Ratio	Lower	Upper	
146	100		
148	60.6	50.3	75.5
75	30.5	24.6	37.0





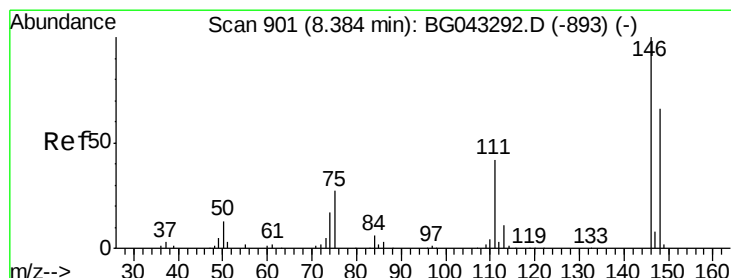
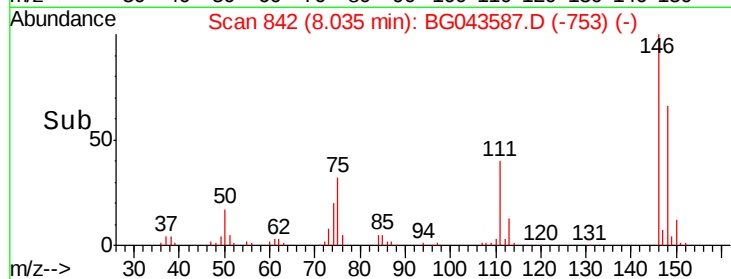
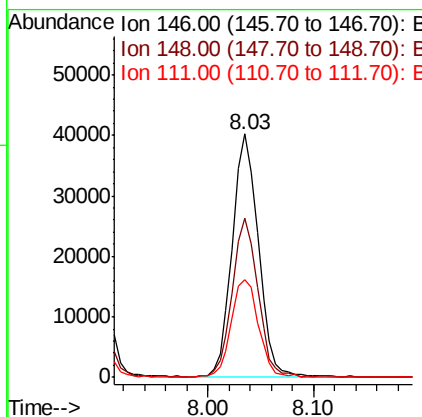
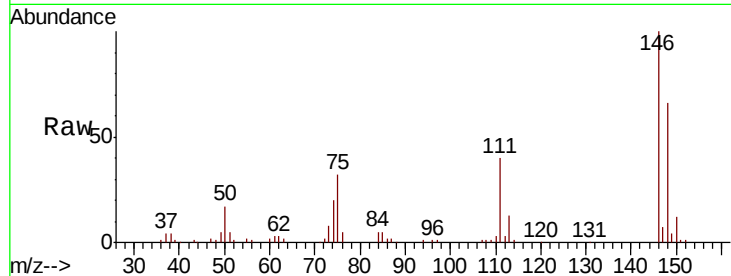
#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampled :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.7	76.1
111	40.3	33.4	50.2

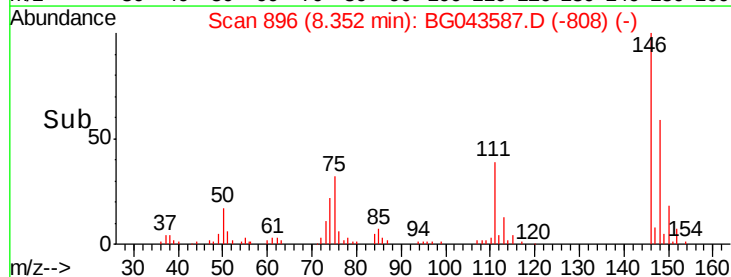
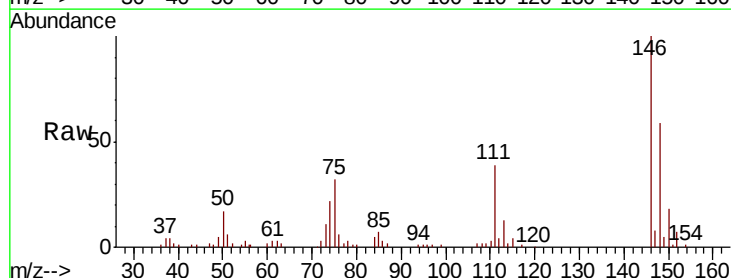
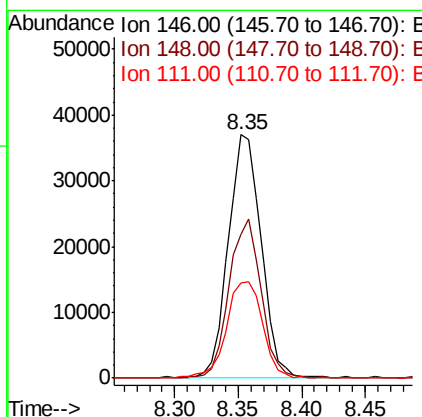
Manual Integrations
 APPROVED

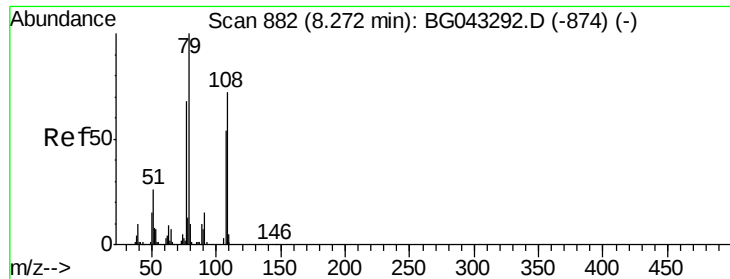
mohammad
 11/12/2019 5:04:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.567 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.2	53.2	79.8
111	38.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 41.991 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

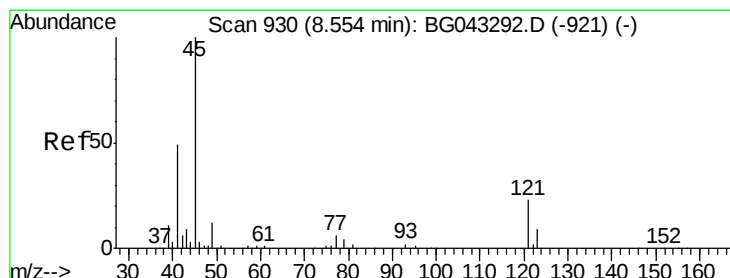
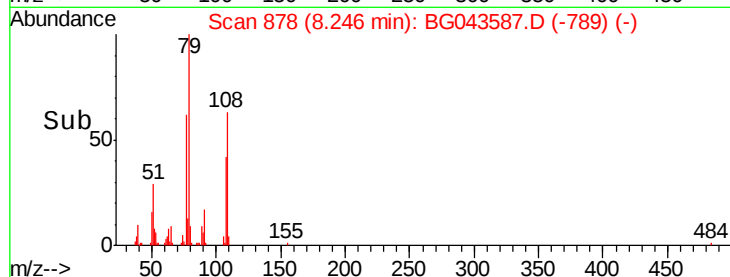
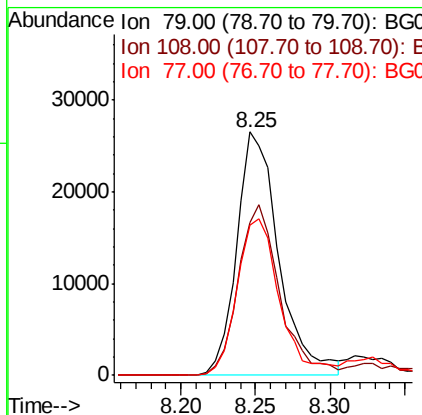
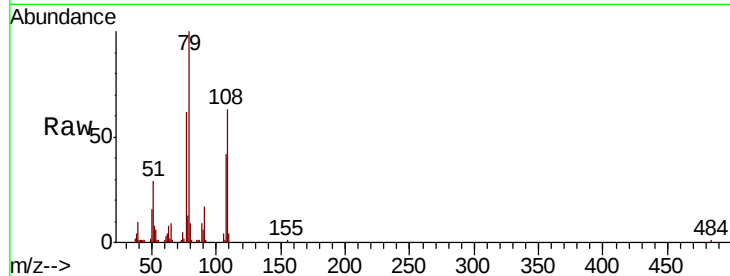
ClientSampleId :

PB124597BS

Tot Ion:	79	Resp:	52075
Ion Ratio	Lower	Upper	
79	100		
108	62.7	53.6	80.4
77	61.7	49.6	74.4

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.691 ng

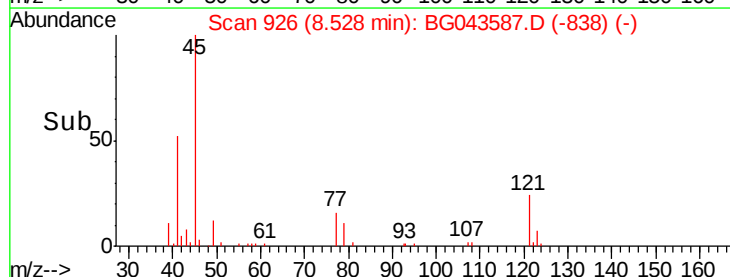
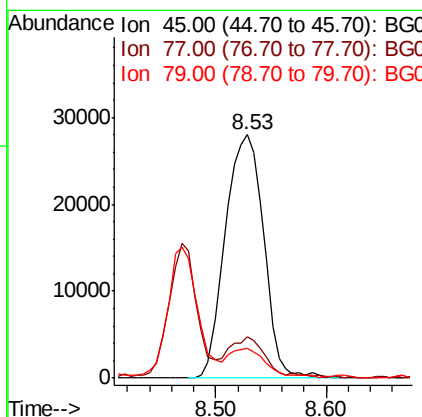
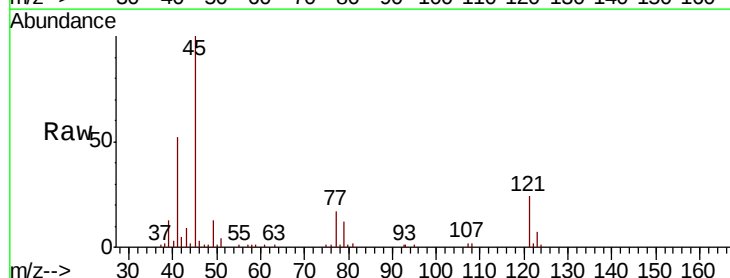
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	45	Resp:	68372
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	34.9
79	12.1	0.0	33.0





#17

2-Methylphenol

Concen: 45.609 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

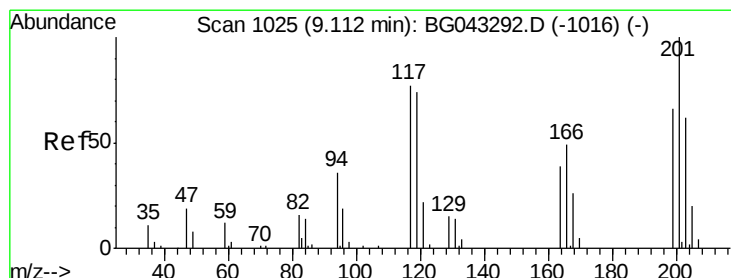
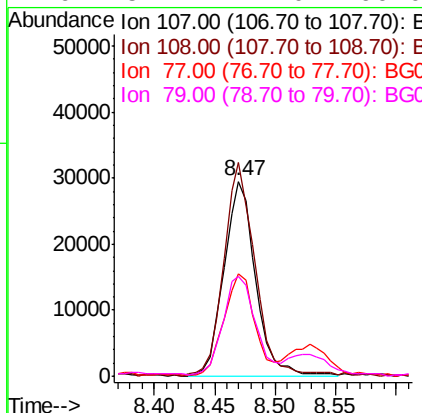
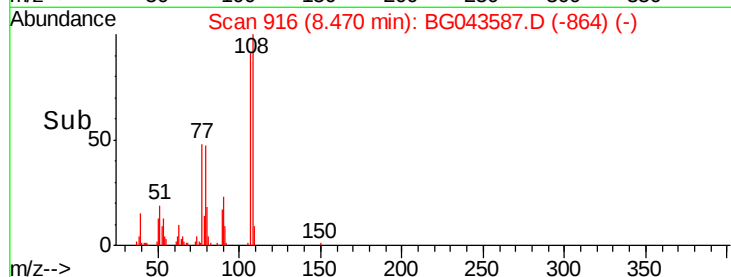
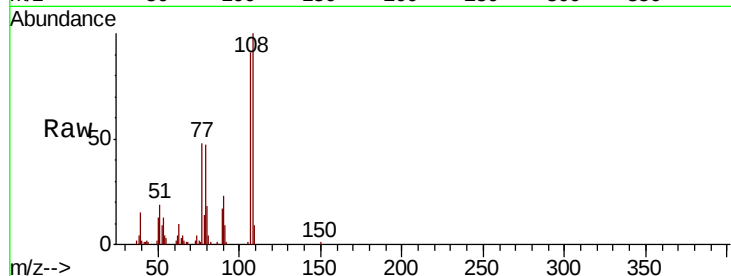
ClientSampleId :

PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	90.2	135.4	
77	52.6	40.2	60.2	
79	51.2	44.0	66.0	

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#18

Hexachloroethane

Concen: 37.029 ng

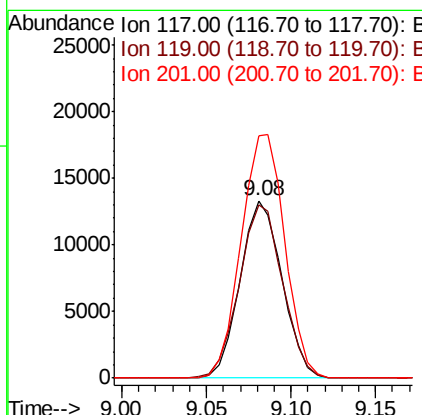
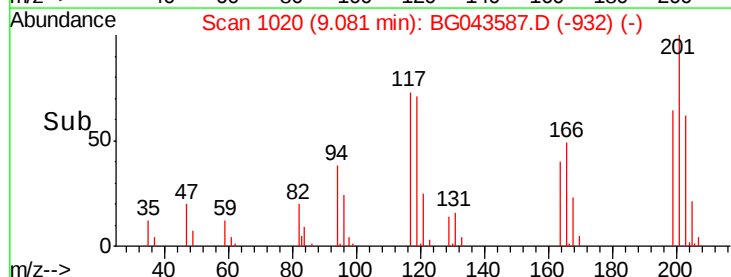
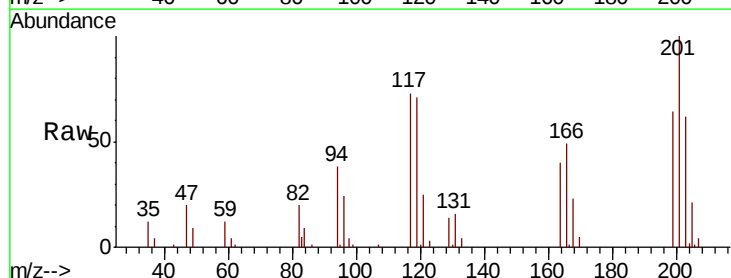
RT: 9.08 min Scan# 1020

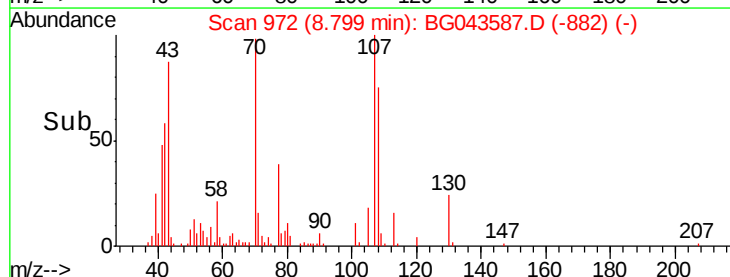
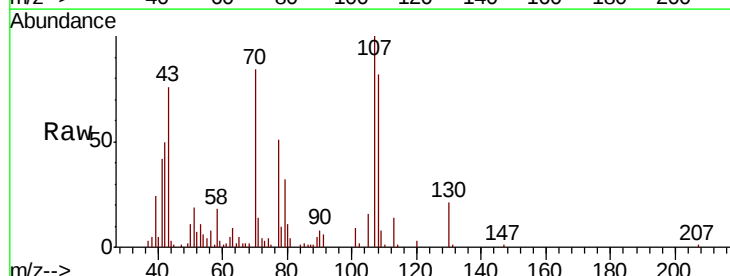
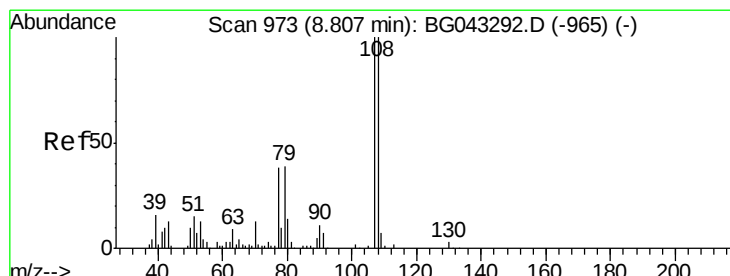
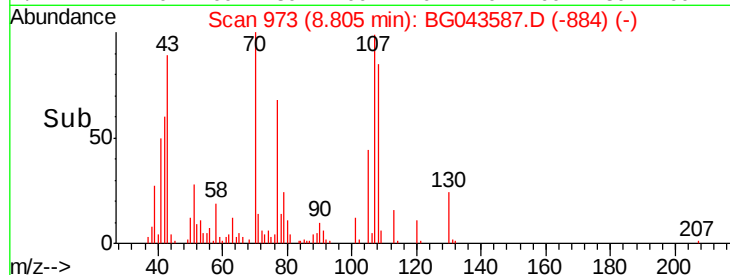
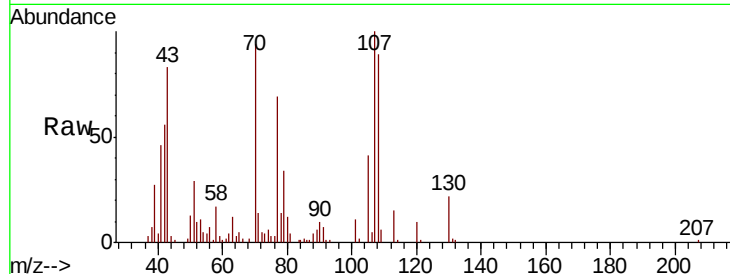
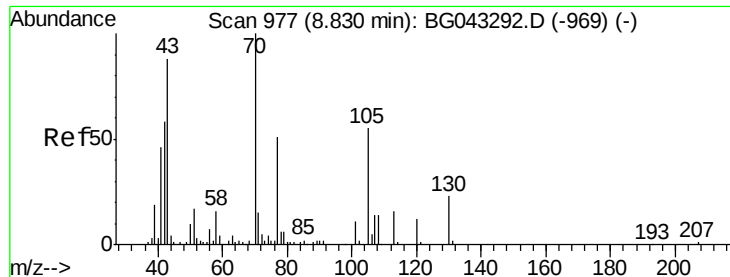
Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	79.0	118.4	
201	137.0	105.4	158.2	





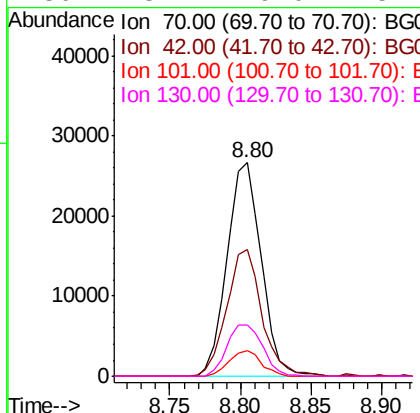
#19
n-Nitroso-di-n-propylamine
Concen: 39.476 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	41.4	62.2	
101	11.7	7.9	11.9	
130	23.7	19.0	28.4	

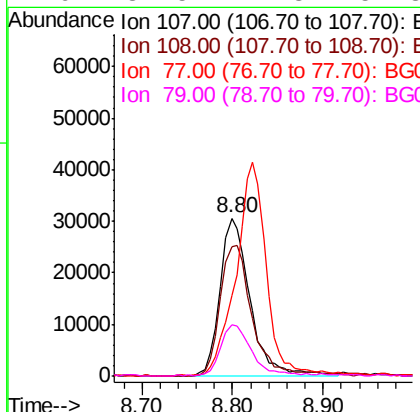
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#20
3+4-Methylphenols
Concen: 43.846 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.9	66.6	106.6	
77	50.9	20.9	60.9	
79	32.5	11.3	51.3	





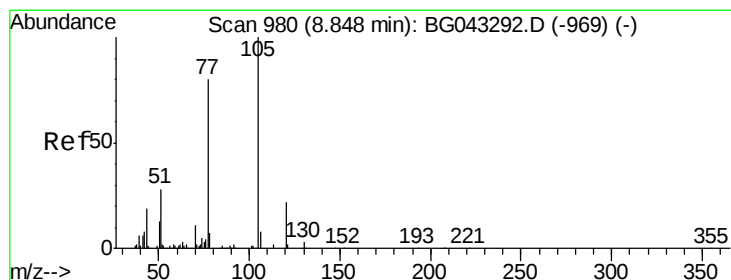
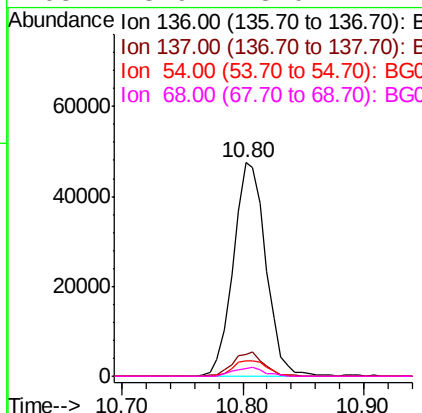
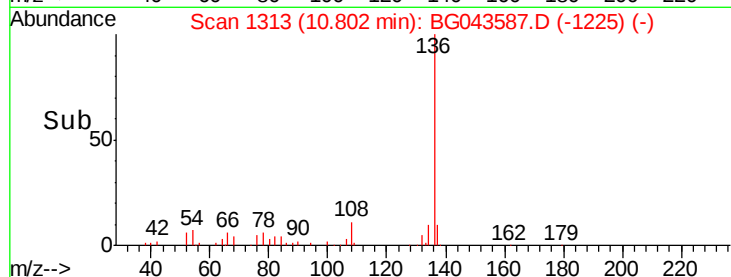
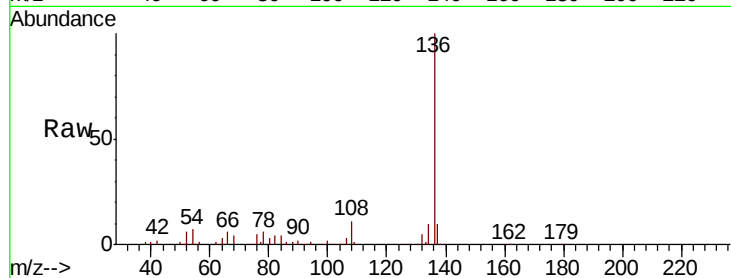
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	89099		
137	10.3		8.7	13.1
54	7.3		5.4	8.2
68	3.9		3.0	4.4

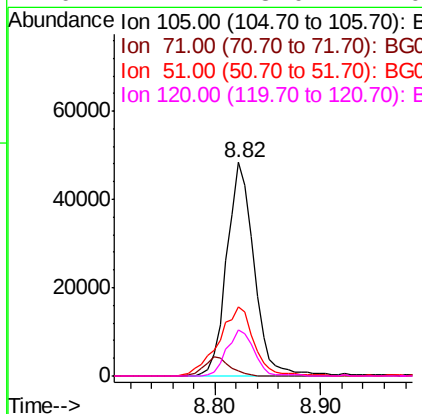
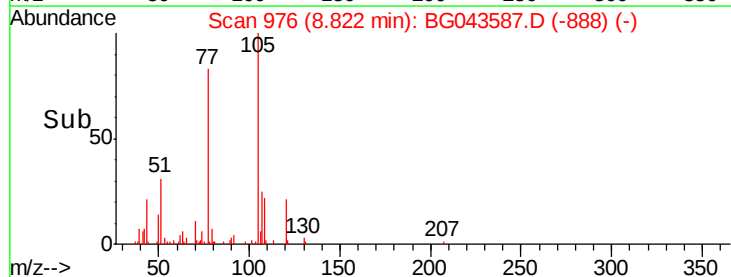
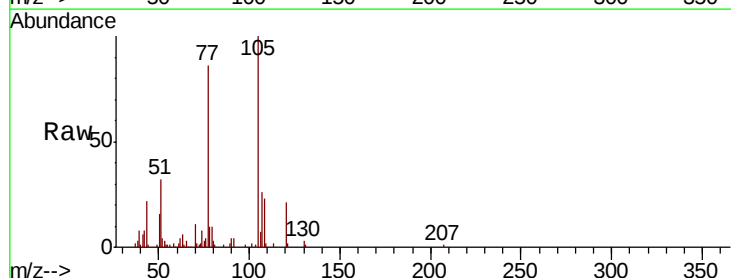
Manual Integrations
APPROVED

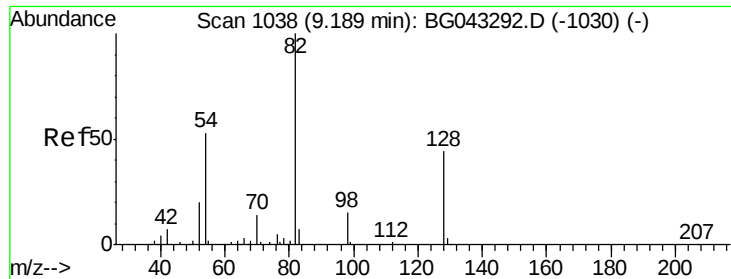
mohammad
11/12/2019 5:04:03 PM



#22
Acetophenone
Concen: 38.057 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	86835		
71	2.3		0.8	1.2#
51	32.1		21.0	31.4#
120	21.4		18.0	27.0





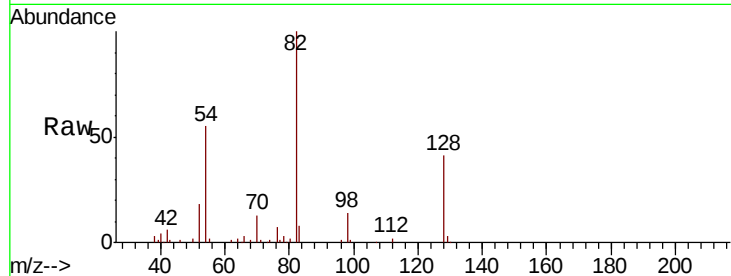
#23
Nitrobenzene-d5
Concen: 61.114 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

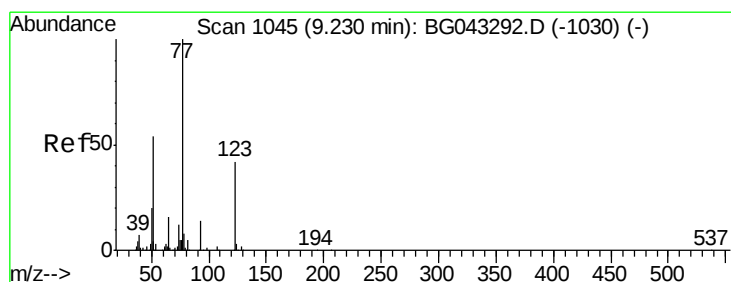
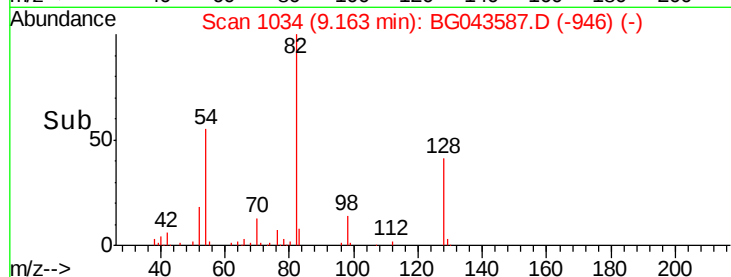
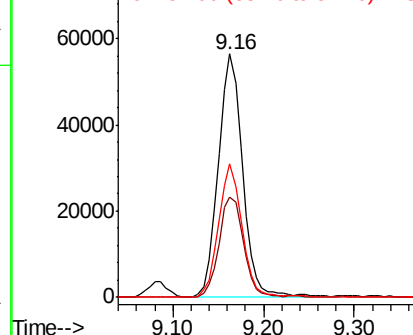
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	35.0	52.6	
54	54.6	40.2	60.2	

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

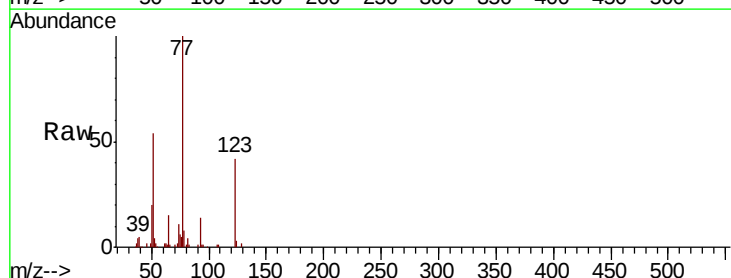


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

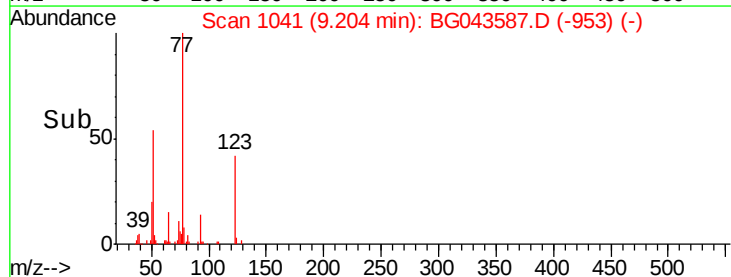
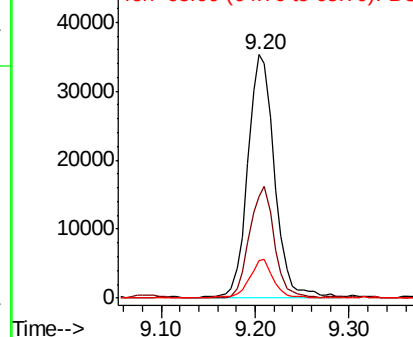


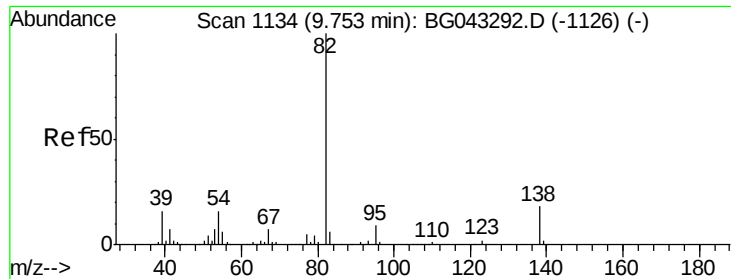
#24
Nitrobenzene
Concen: 42.437 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.5	35.0	52.6	
65	15.2	9.5	14.3	



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





#25

Isophorone

Concen: 40.866 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

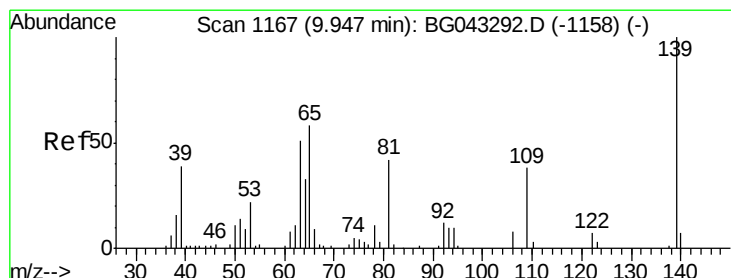
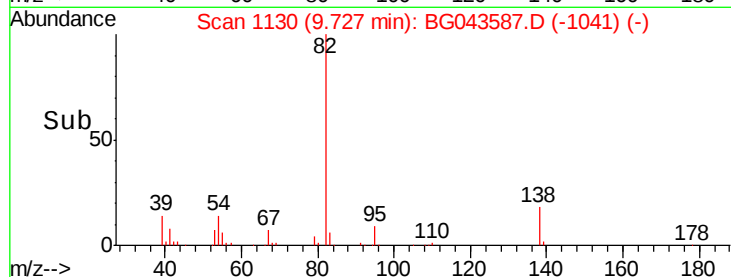
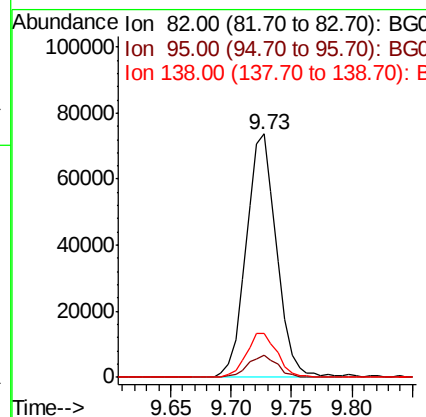
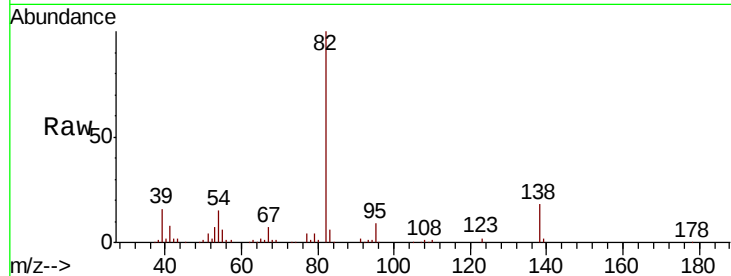
ClientSampleId :

PB124597BS

Tot Ion:	82	Resp:	129126
Ion Ratio	Lower	Upper	
82	100		
95	9.3	6.6	9.8
138	18.1	15.2	22.8

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#26

2-Nitrophenol

Concen: 44.503 ng

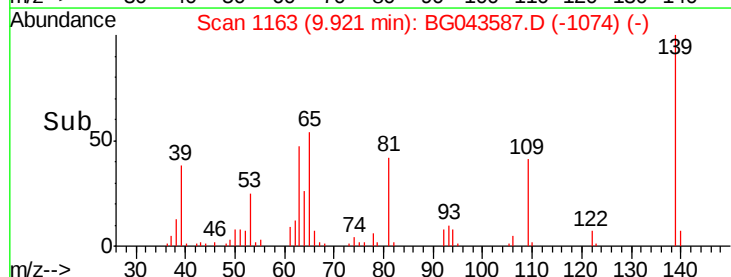
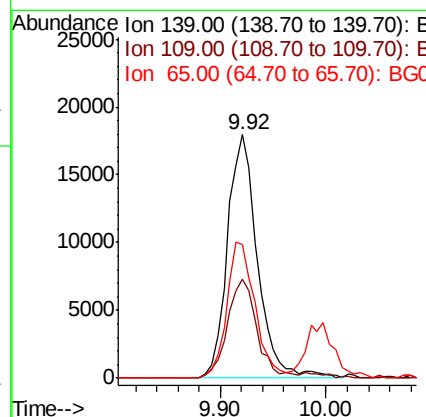
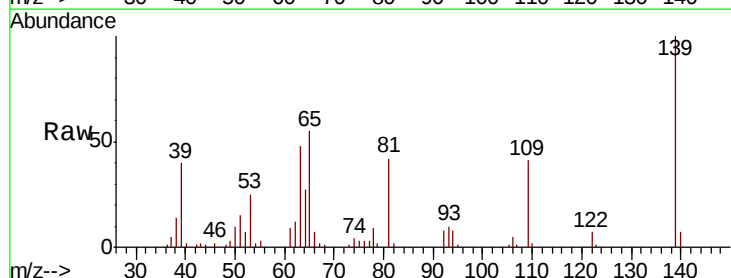
RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	139	Resp:	35372
Ion Ratio	Lower	Upper	
139	100		
109	40.5	26.5	39.7#
65	55.1	43.8	65.8





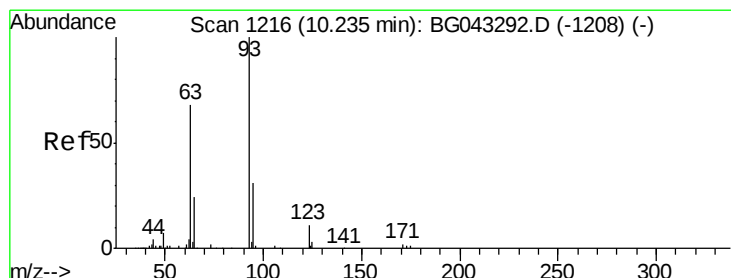
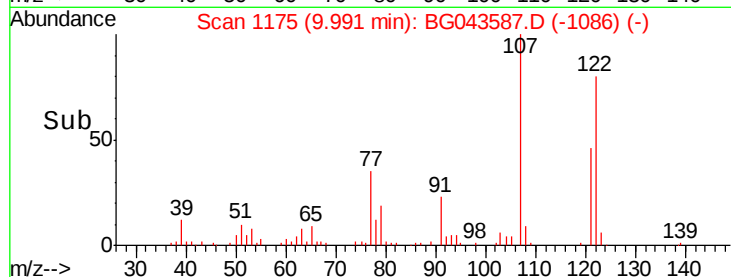
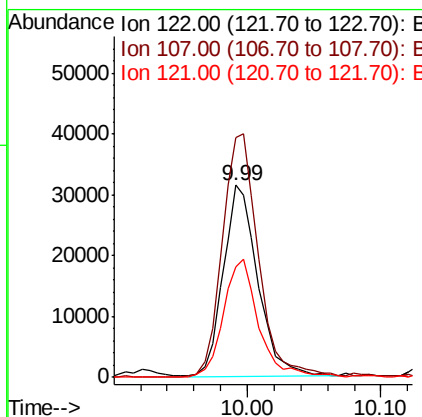
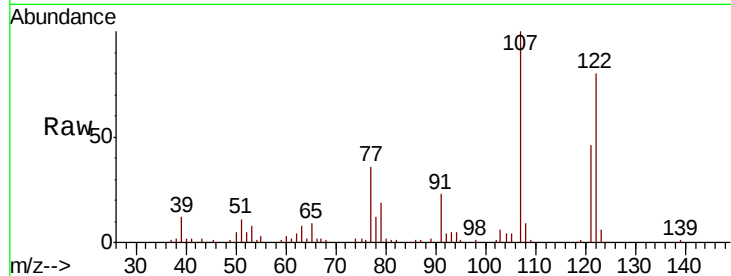
#27
 2,4-Dimethylphenol
 Concen: 49.847 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleID :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	104.4	156.6
121	57.7	47.2	70.8

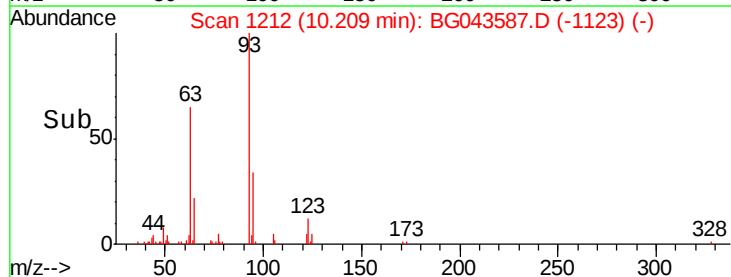
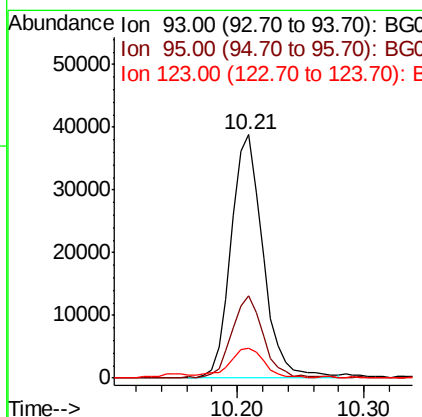
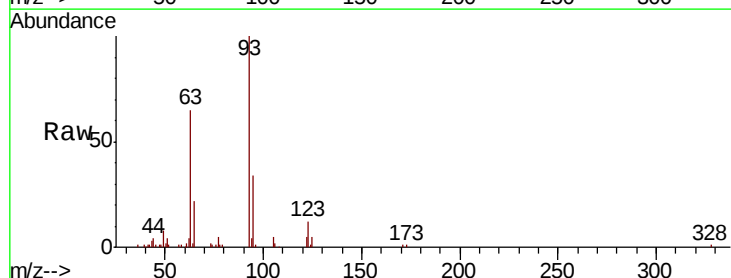
Manual Integrations
 APPROVED

mohammad
 11/12/2019 5:04:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.820 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.0	39.0
123	12.3	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 45.863 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

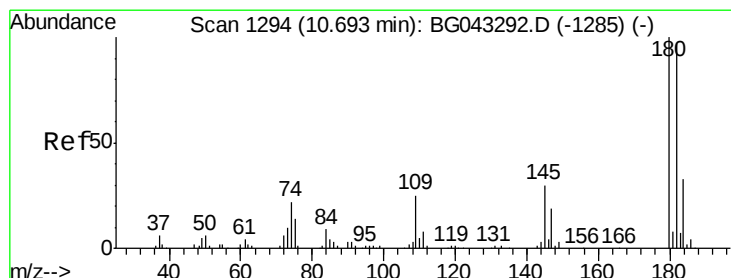
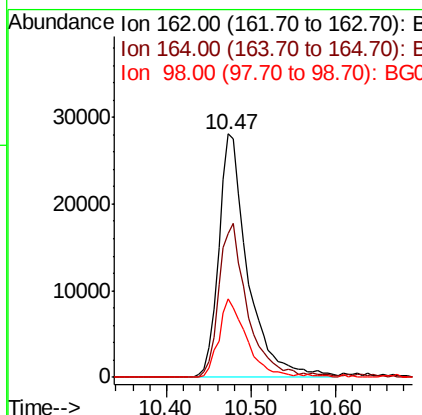
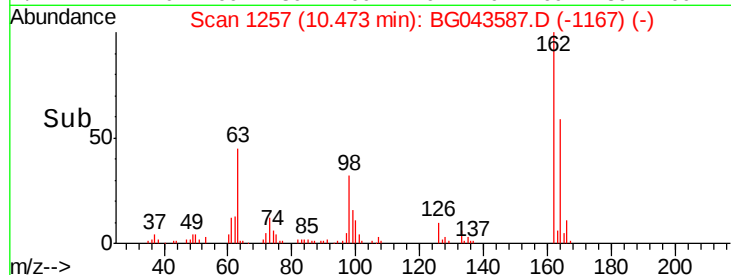
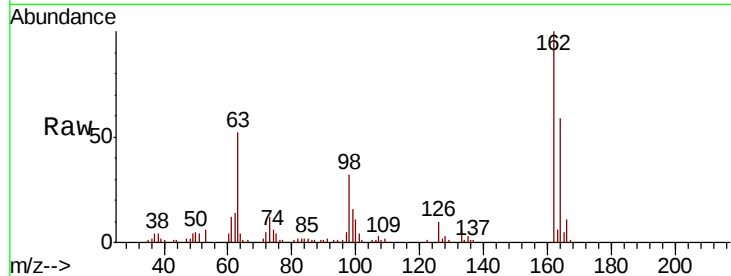
ClientSampleId :

PB124597BS

Tot Ion:	162	Resp:	66943
Ion Ratio	Lower	Upper	
162	100		
164	59.2	48.9	88.9
98	32.1	15.1	55.1

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#30

1,2,4-Trichlorobenzene

Concen: 39.152 ng

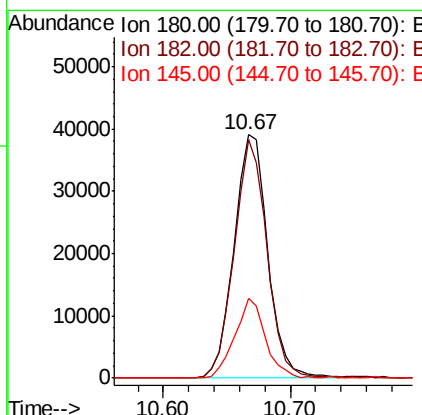
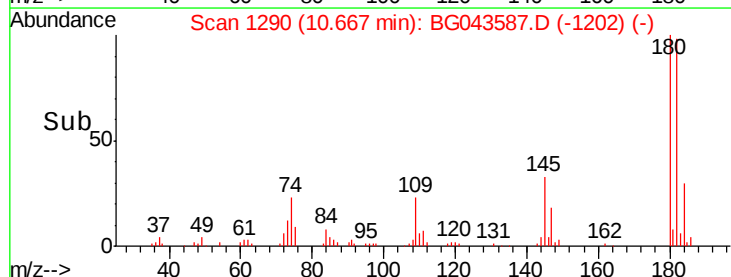
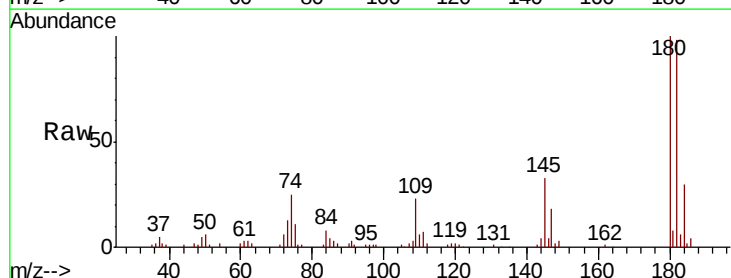
RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	180	Resp:	72027
Ion Ratio	Lower	Upper	
180	100		
182	98.2	75.1	112.7
145	32.8	23.9	35.9





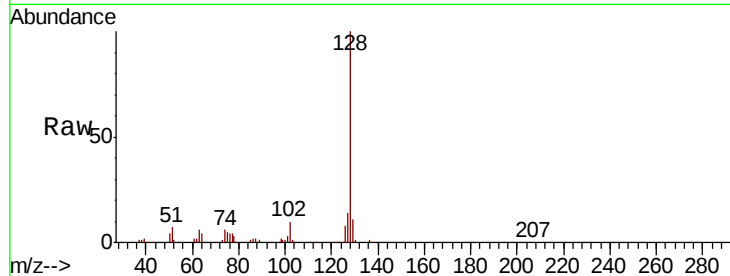
#31
Naphthalene
Concen: 41.538 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

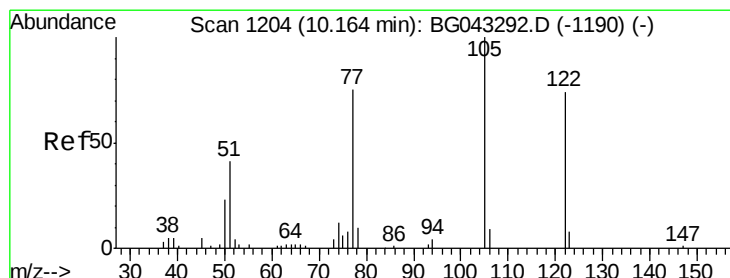
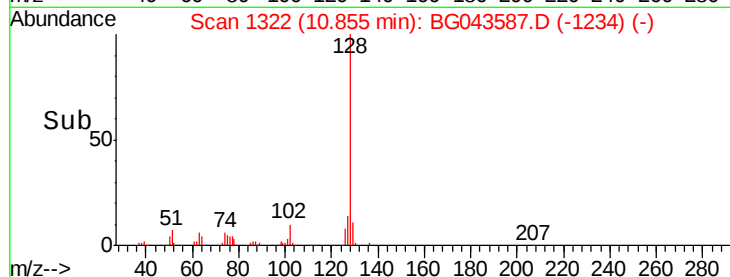
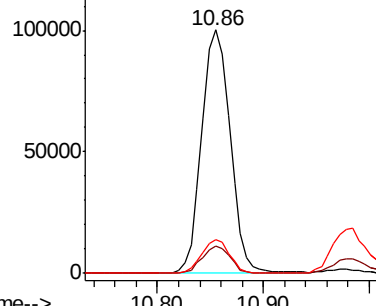
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.0	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

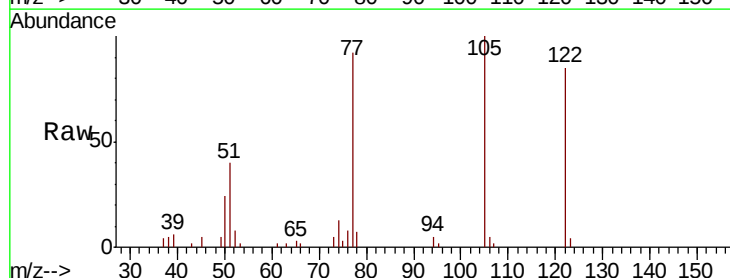


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

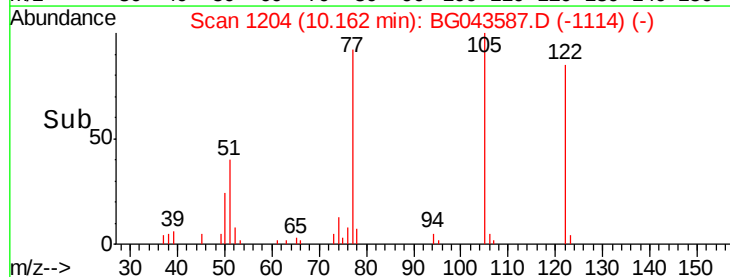
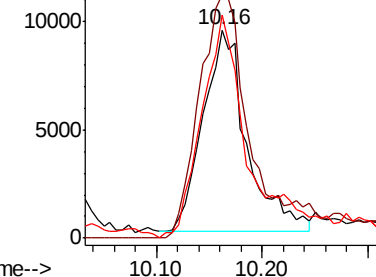


#32
Benzoic acid
Concen: 34.088 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	103.3	143.3
77	107.6	84.9	124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





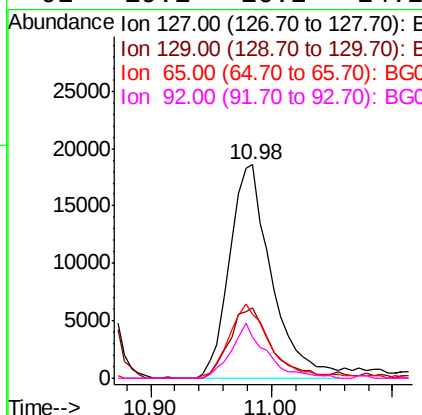
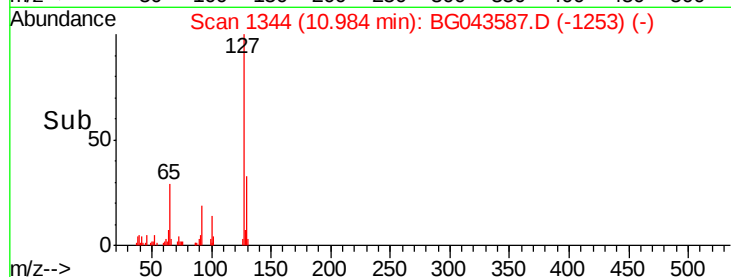
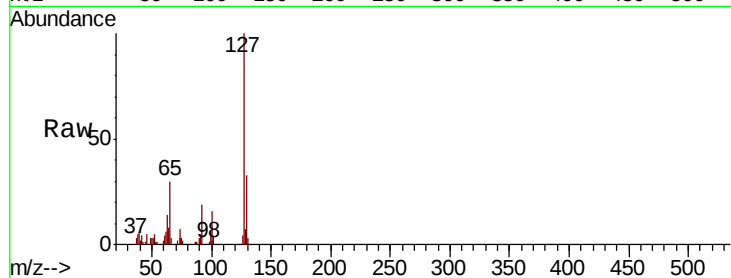
#33
4-Chloroaniline
Concen: 24.297 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	30.0	26.4	39.6
92	19.1	16.2	24.2

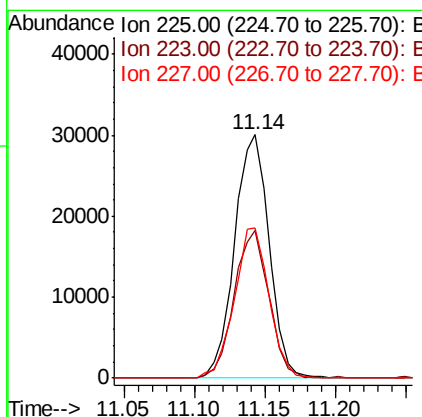
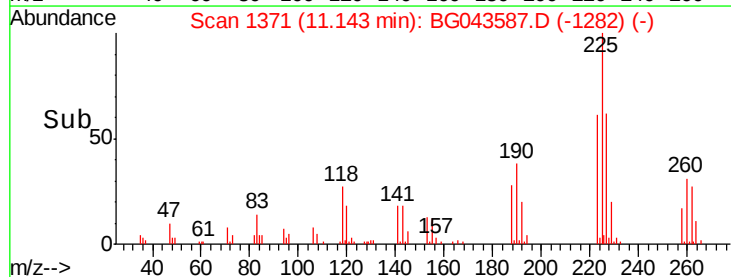
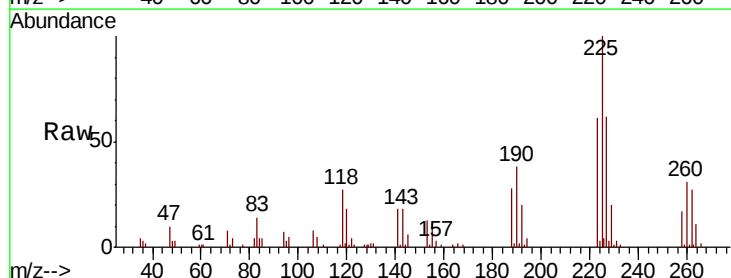
Manual Integrations
APPROVED

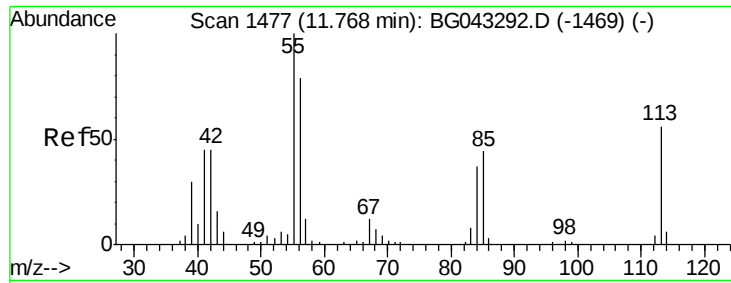
mohammad
11/12/2019 5:04:03 PM



#34
Hexachlorobutadiene
Concen: 37.723 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.7	79.1
227	61.8	54.8	82.2





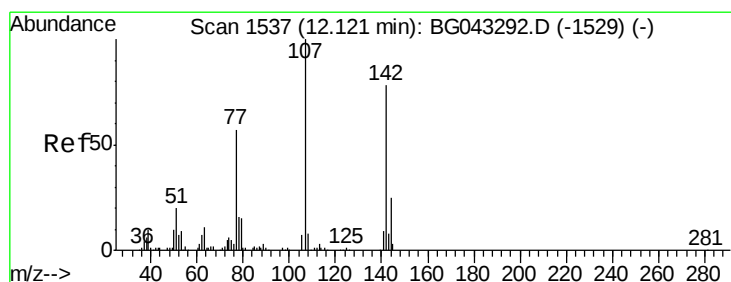
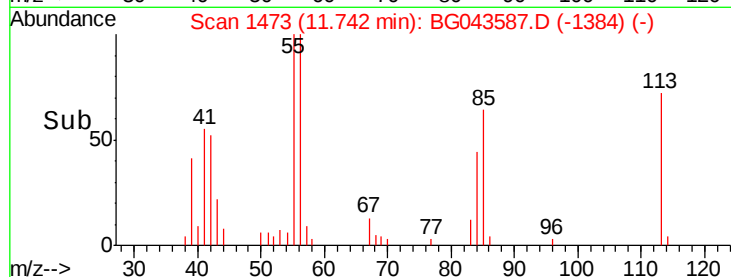
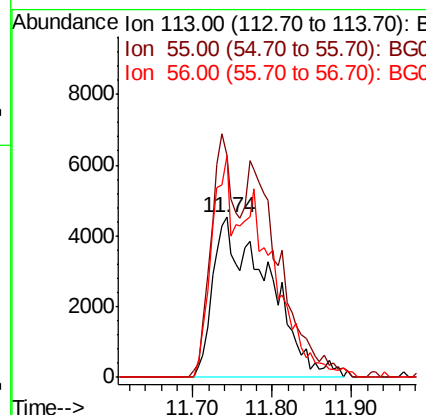
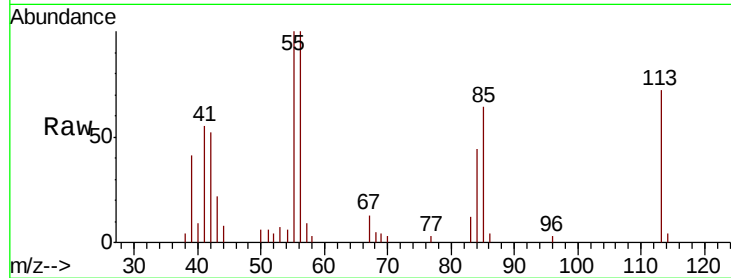
#35
Caprolactam
Concen: 43.383 ng/ml
RT: 11.74 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleID :
PB124597BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	138.5	134.1	174.1	
56	138.4	100.4	140.4	

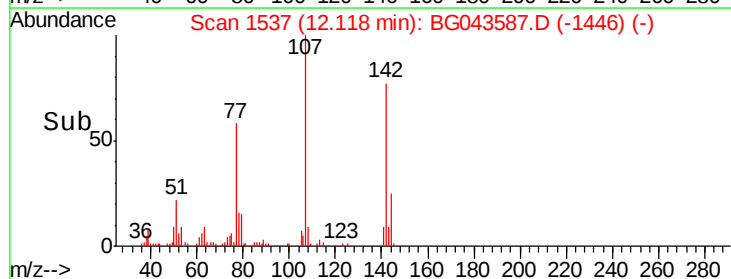
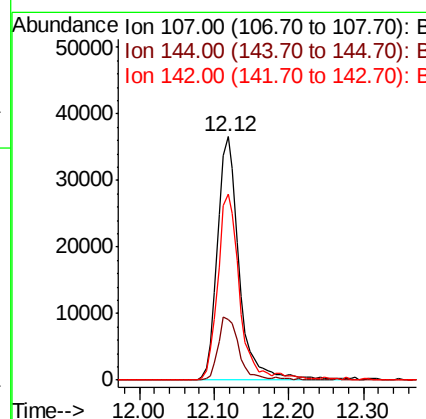
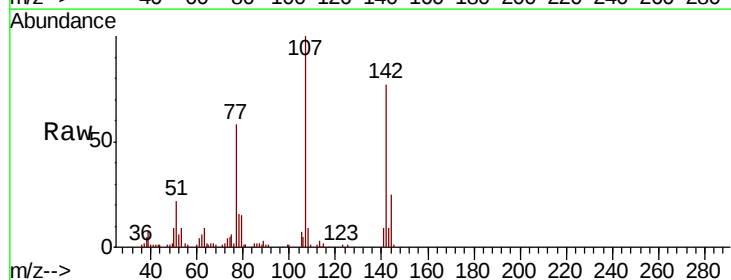
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#36
4-Chloro-3-methylphenol
Concen: 46.330 ng/ml
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.6	20.9	31.3	
142	76.7	59.6	89.4	





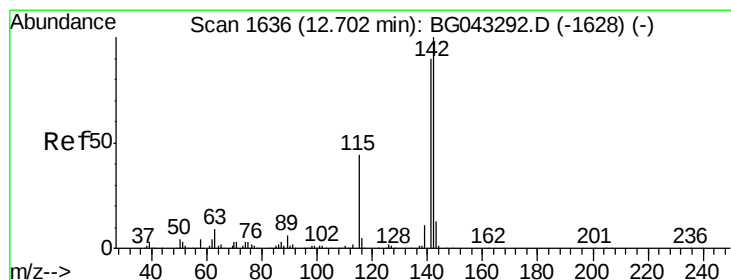
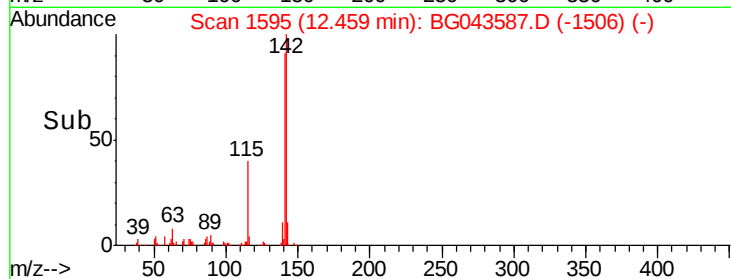
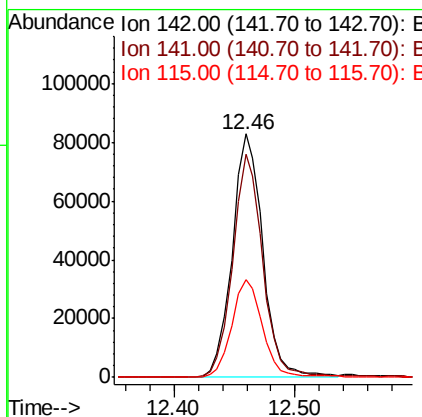
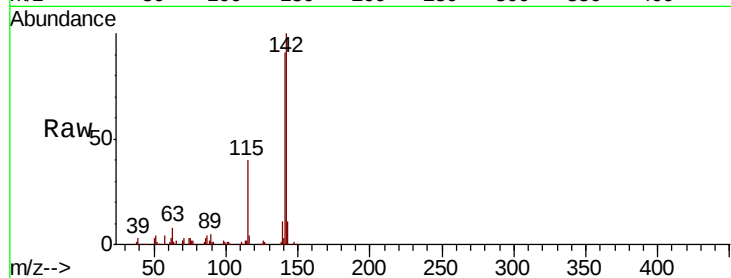
#37
2-Methylnaphthalene
Concen: 42.147 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleID :
PB124597BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.2
115	40.0	33.2	49.8

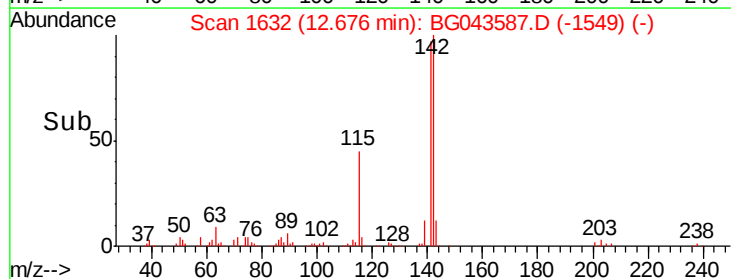
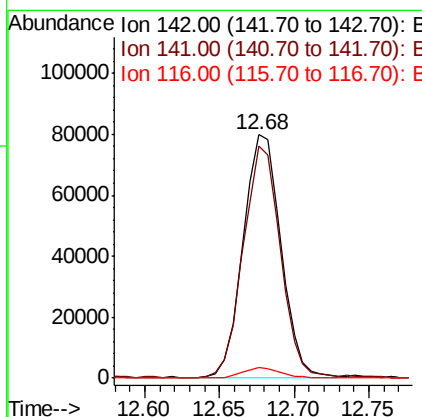
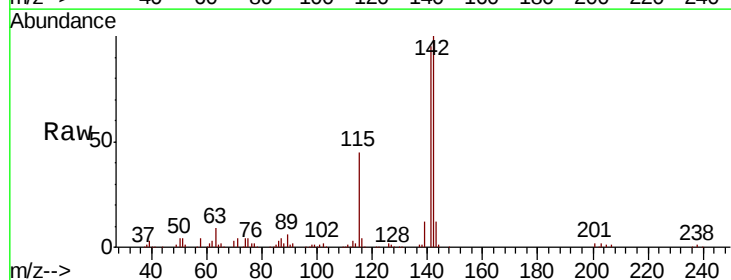
Manual Integrations
APPROVED

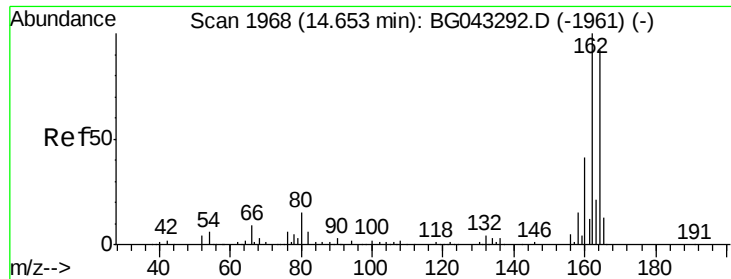
mohammad
11/12/2019 5:04:03 PM



#38
1-Methylnaphthalene
Concen: 42.437 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	73.2	109.8
116	4.2	3.6	5.4





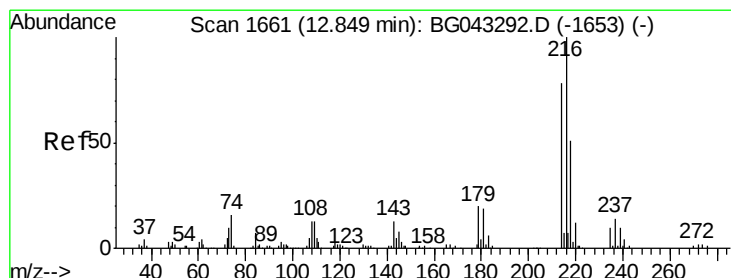
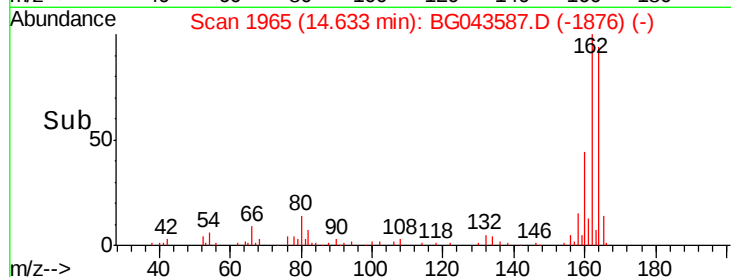
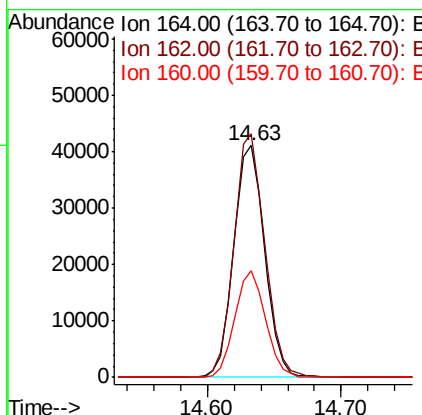
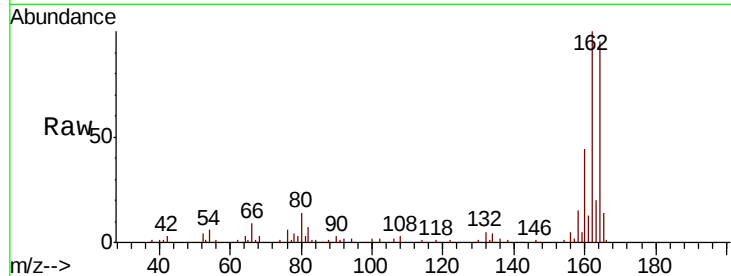
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.5	125.3
160	45.8	36.5	54.7

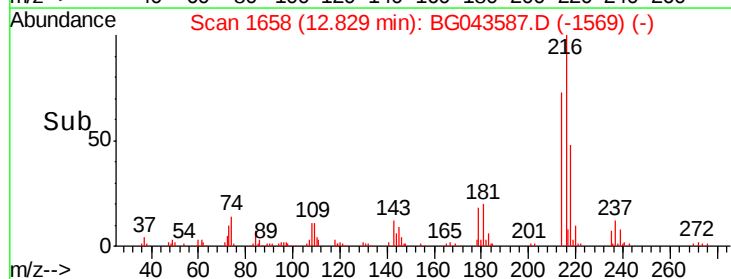
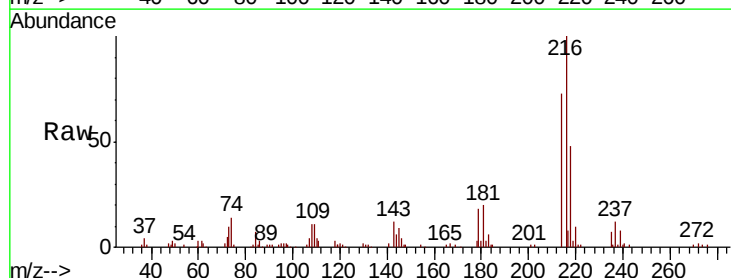
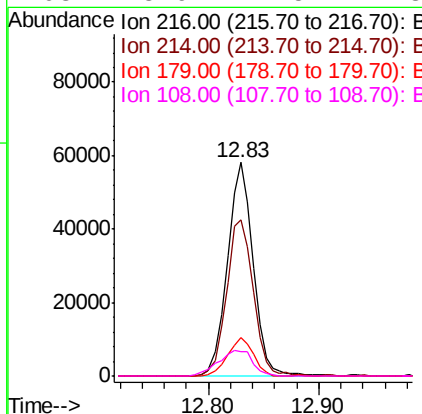
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.684 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.7	92.5
179	17.8	15.8	23.8
108	15.9	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 74.845 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

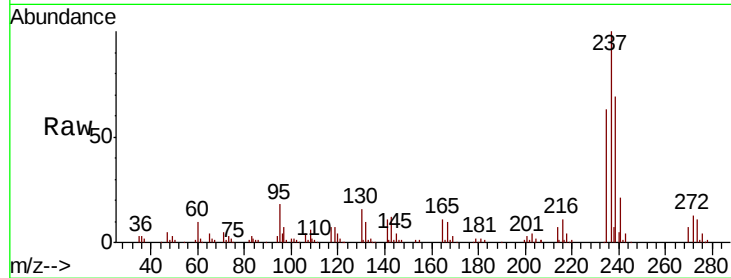
ClientSampleId :

PB124597BS

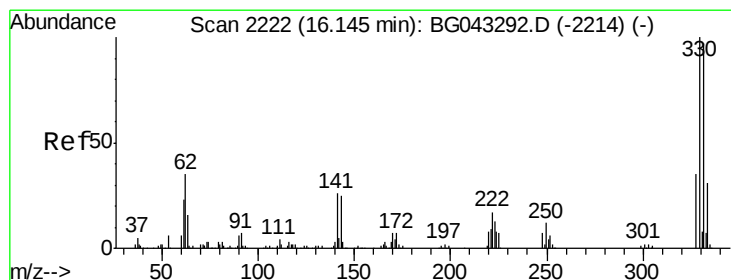
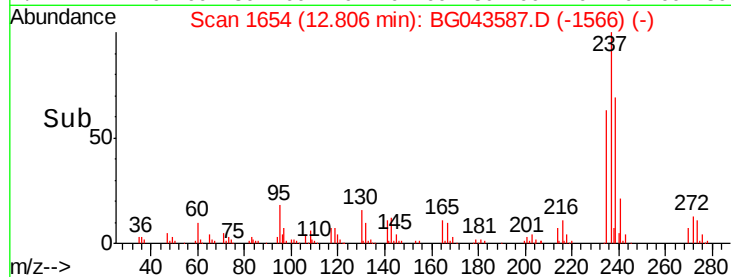
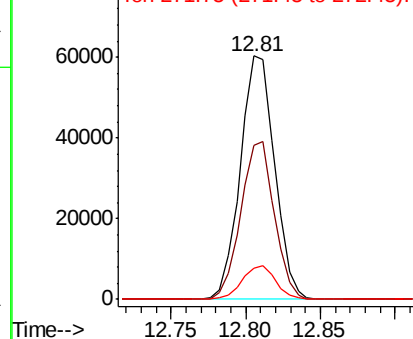
Tot Ion:	237	Resp:	96203
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.6	81.6
272	12.8	0.0	32.5

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



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



#42

2,4,6-Tribromophenol

Concen: 109.672 ng

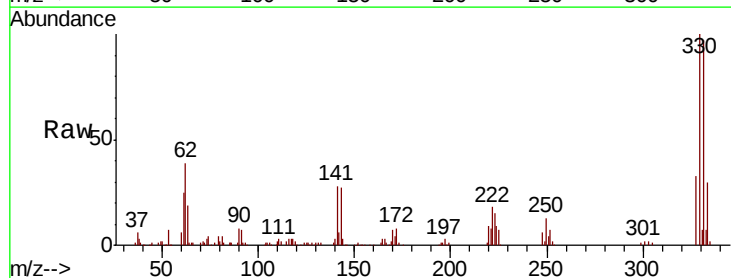
RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

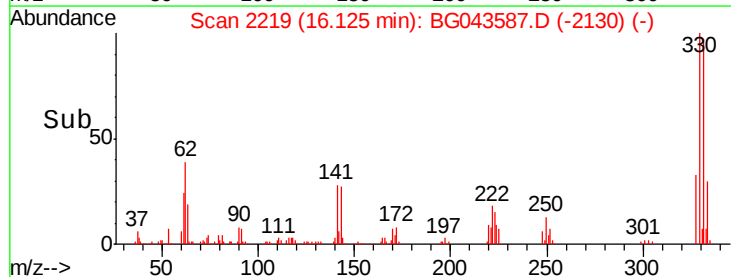
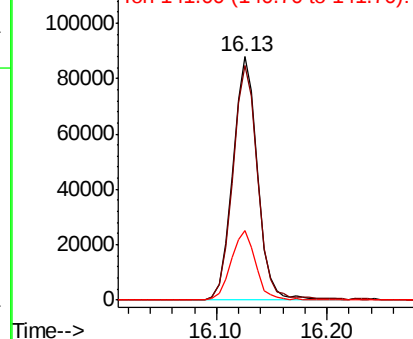
Lab File: BG043587.D

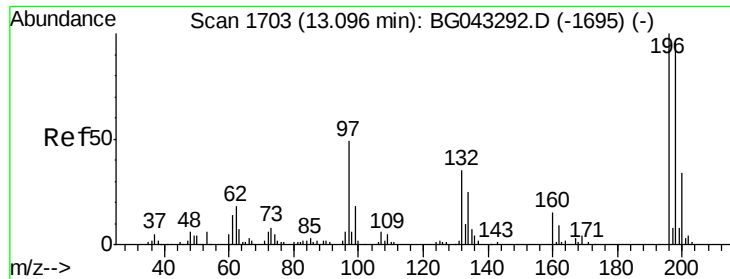
Acq: 11 Nov 2019 17:24

Tgt Ion:	330	Resp:	137990
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.4	116.0
141	28.5	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





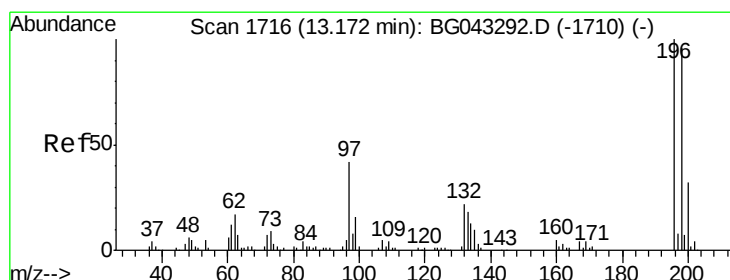
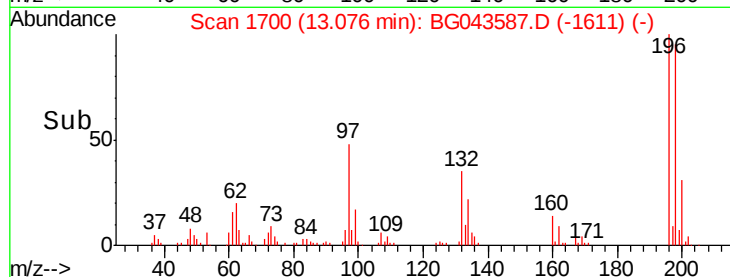
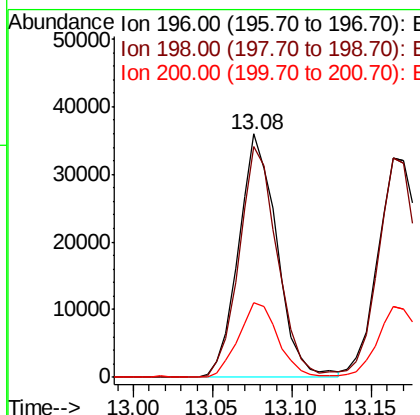
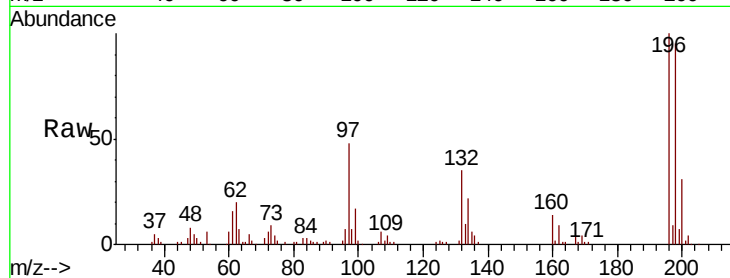
#43
 2,4,6-Trichlorophenol
 Concen: 41.914 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60398		
198	95.0	75.8	113.6	
200	30.9	23.9	35.9	

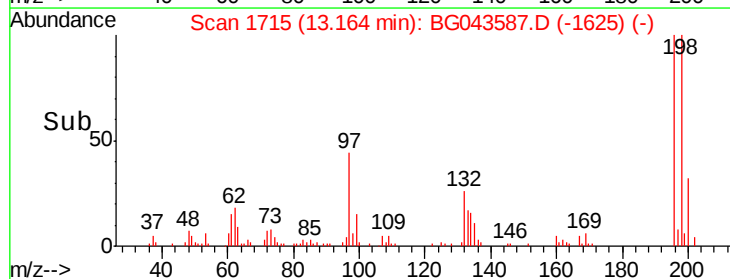
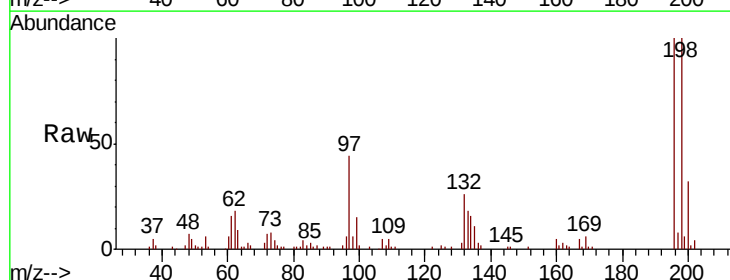
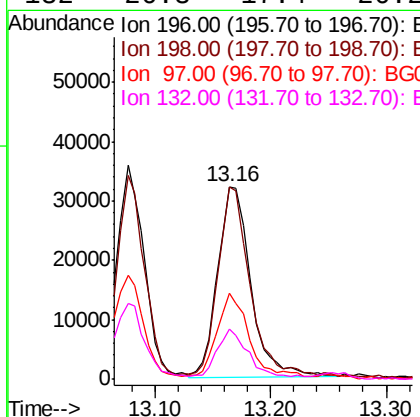
Manual Integrations
 APPROVED

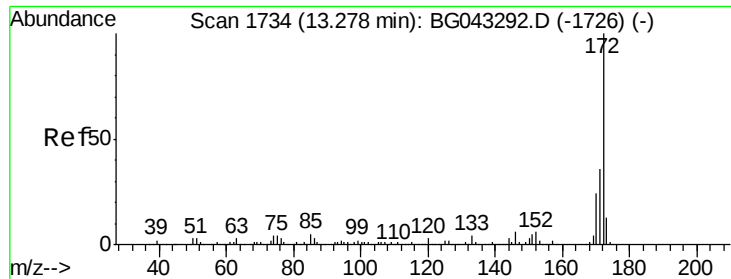
mohammad
 11/12/2019 5:04:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.087 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64227		
198	99.8	74.5	111.7	
97	44.3	36.3	54.5	
132	26.3	17.4	26.2	#





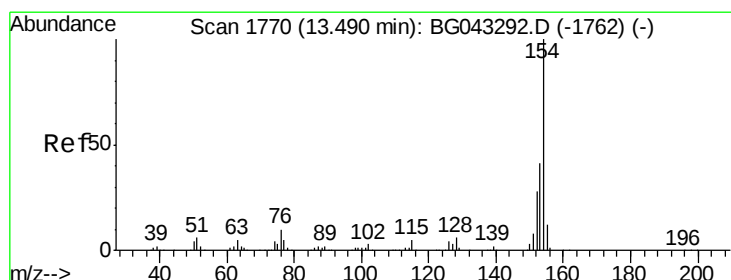
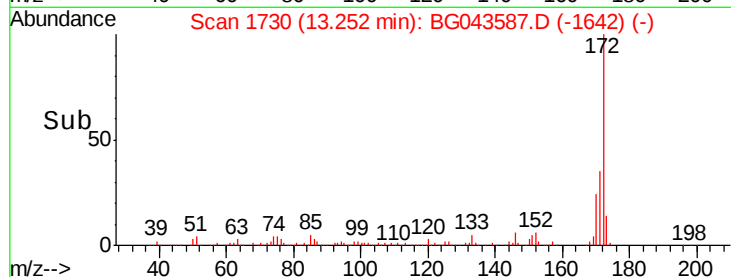
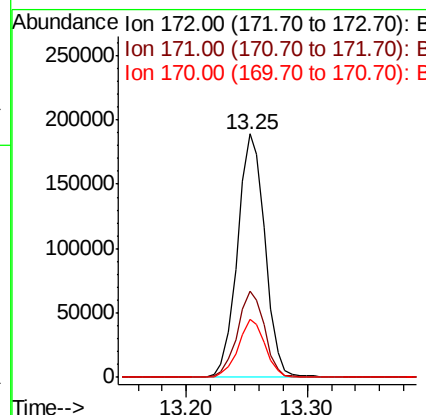
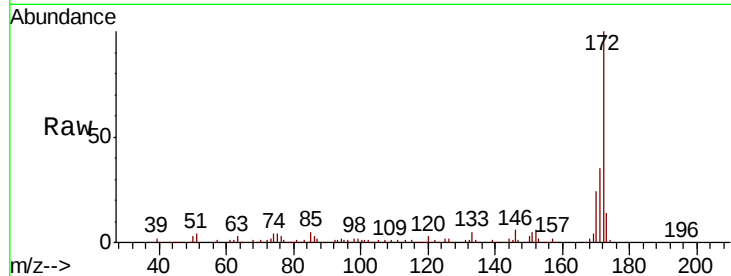
#45
2-Fluorobiphenyl
Concen: 62.504 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	18.5	27.7

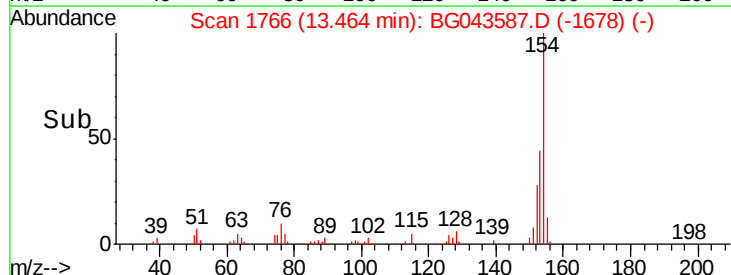
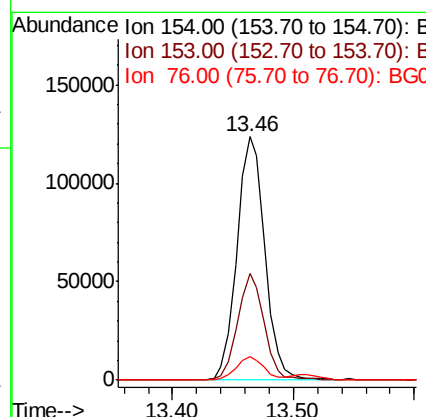
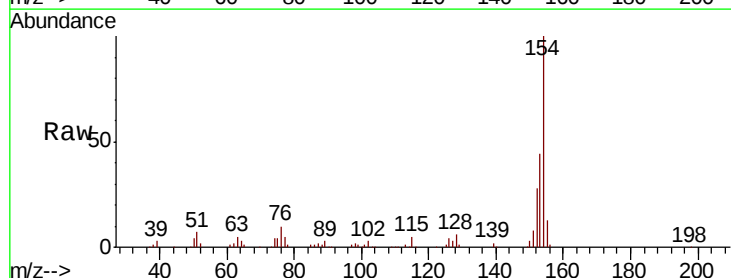
Manual Integrations
APPROVED

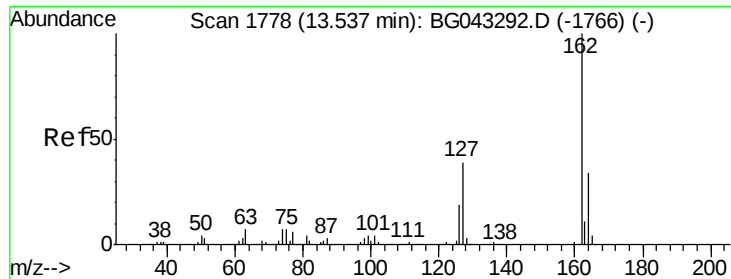
mohammad
11/12/2019 5:04:03 PM



#46
1,1'-Biphenyl
Concen: 39.477 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	19.9	59.9
76	9.6	0.0	29.4





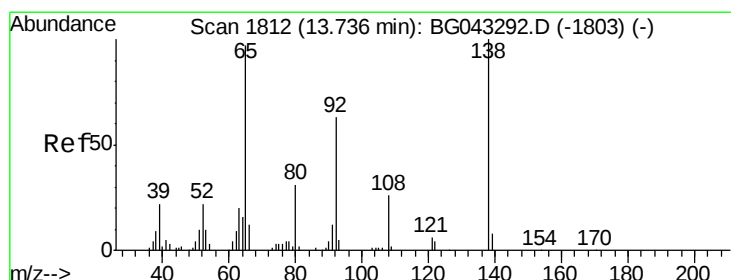
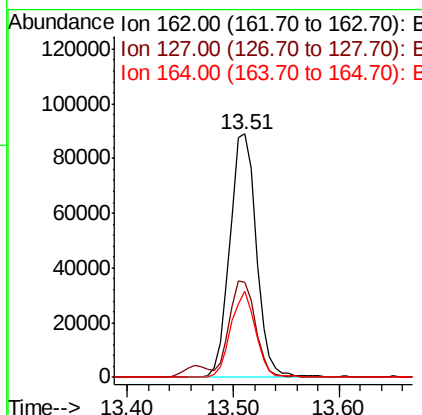
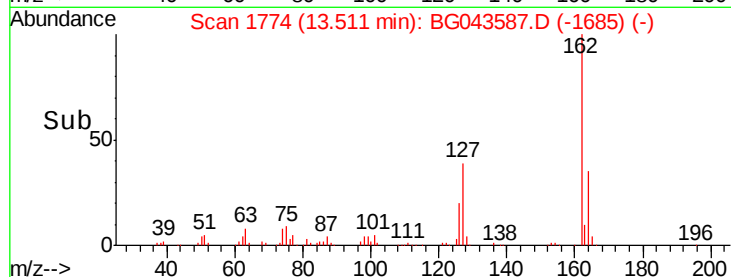
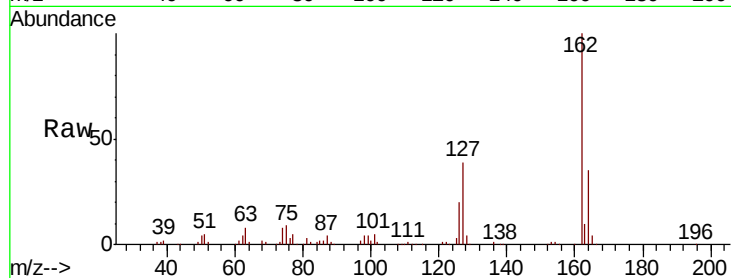
#47
2-Chloronaphthalene
Concen: 40.314 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.2	46.8
164	35.3	25.8	38.8

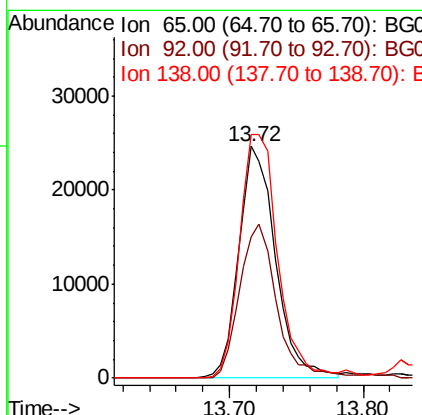
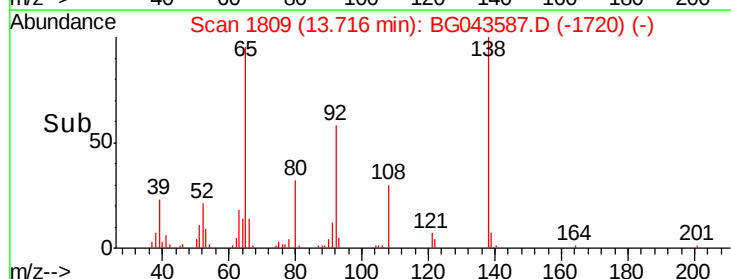
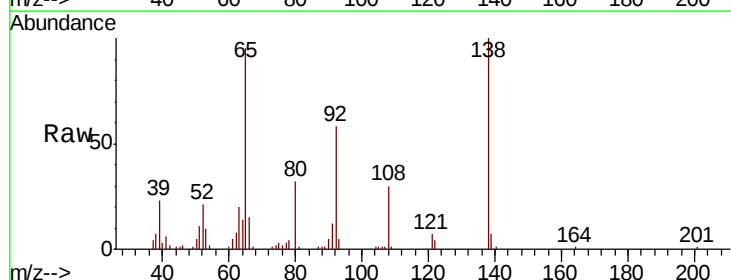
Manual Integrations
APPROVED

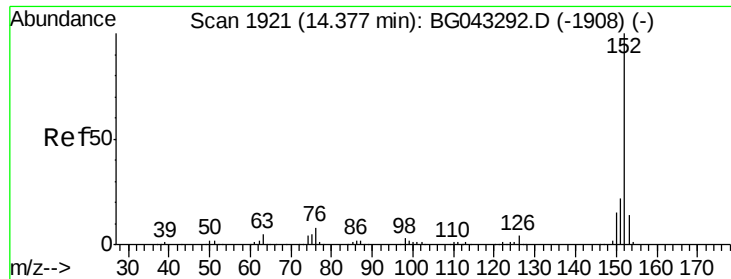
mohammad
11/12/2019 5:04:03 PM



#48
2-Nitroaniline
Concen: 40.934 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	56.2	84.2
138	105.1	82.6	123.8





#49

Acenaphthylene

Concen: 43.204 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

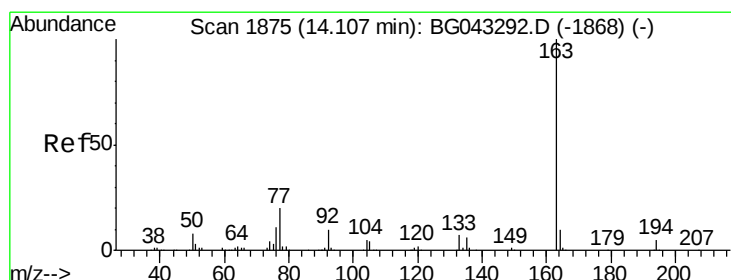
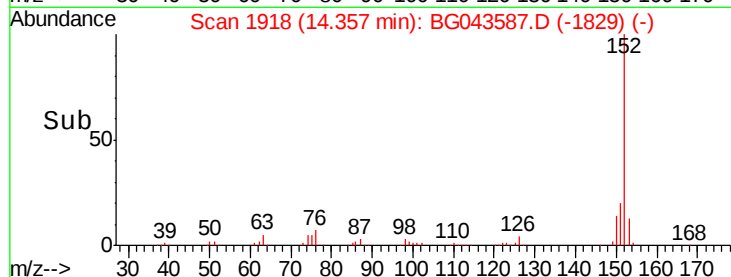
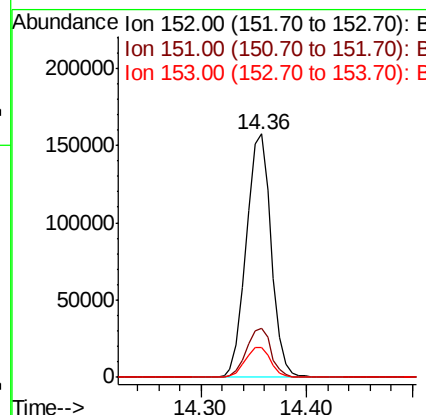
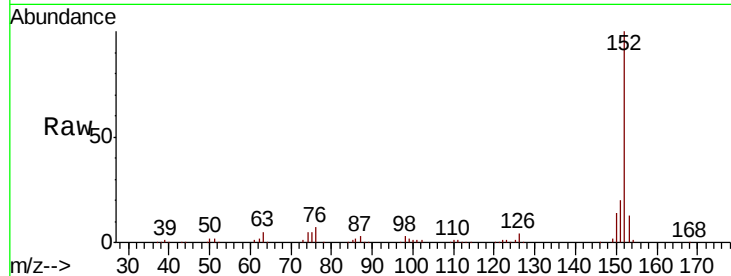
ClientSampleId :

PB124597BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		257331		
151	20.0	16.2	24.4		
153	12.5	10.6	15.8		

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#50

Dimethylphthalate

Concen: 41.471 ng

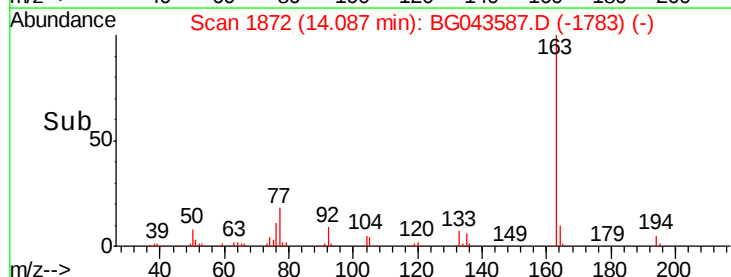
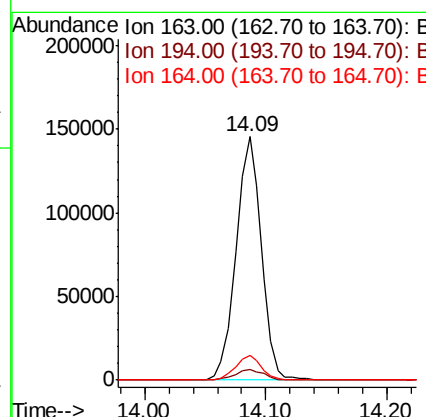
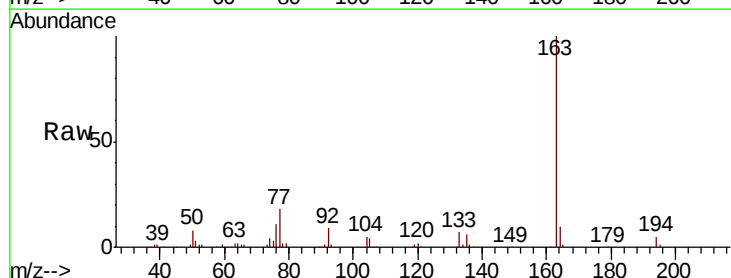
RT: 14.09 min Scan# 1872

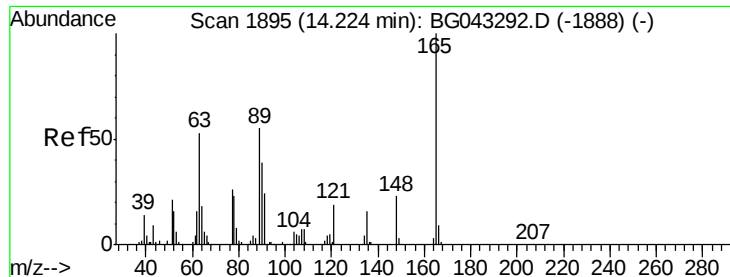
Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		212381		
194	4.5	3.8	5.6		
164	10.3	8.9	13.3		





#51

2,6-Dinitrotoluene

Concen: 42.368 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

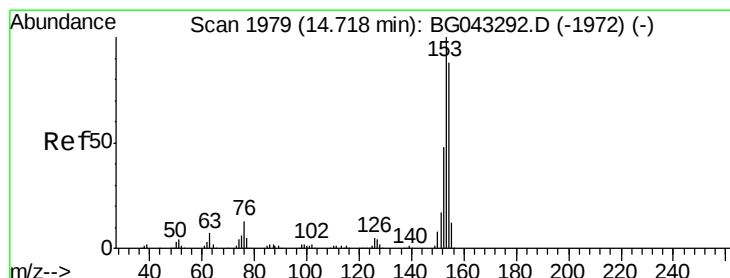
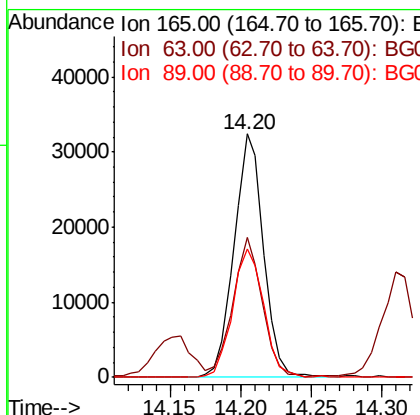
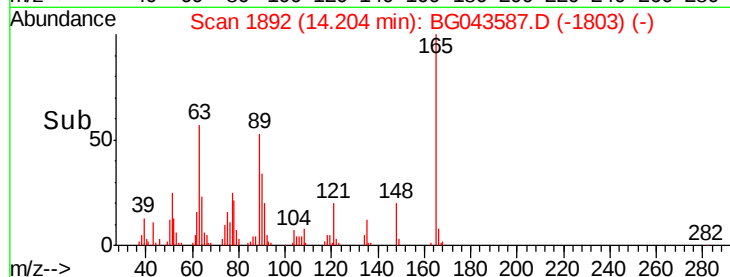
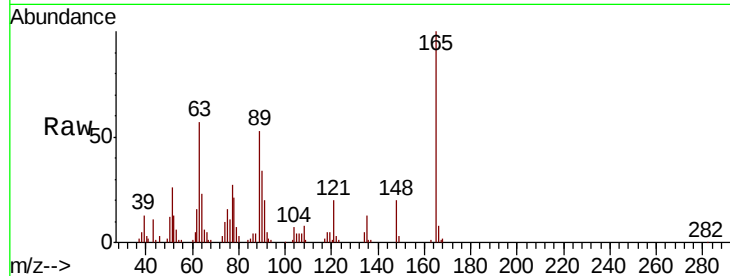
ClientSampleId :

PB124597BS

Tot Ion:	165	Resp:	47138
Ion Ratio	Lower	Upper	
165	100		
63	57.4	46.6	69.8
89	53.0	45.1	67.7

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#52

Acenaphthene

Concen: 41.534 ng

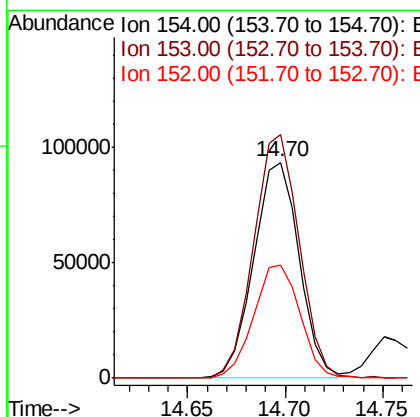
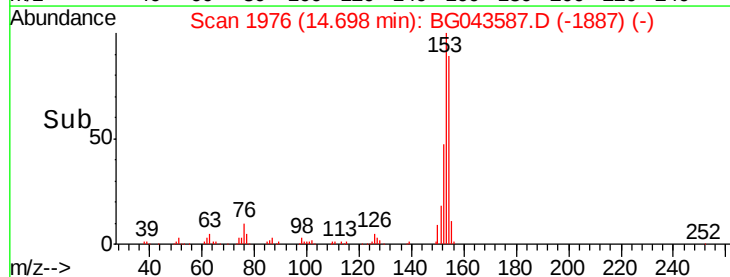
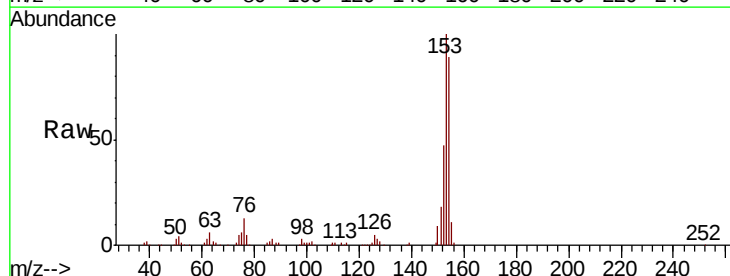
RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	154	Resp:	150863
Ion Ratio	Lower	Upper	
154	100		
153	112.8	88.2	132.2
152	52.5	40.0	60.0





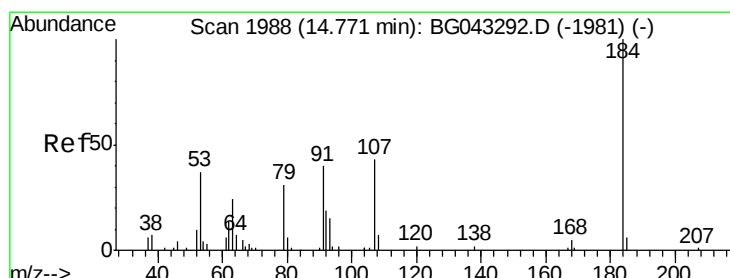
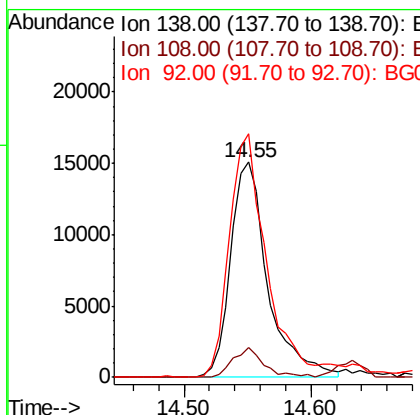
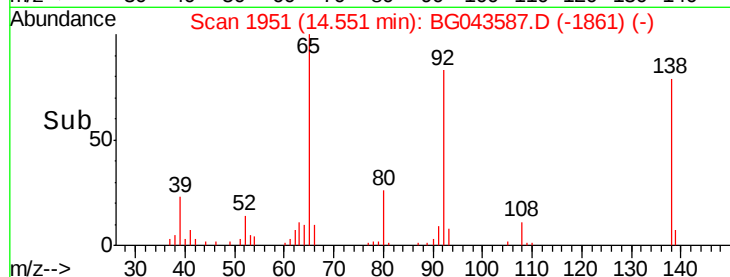
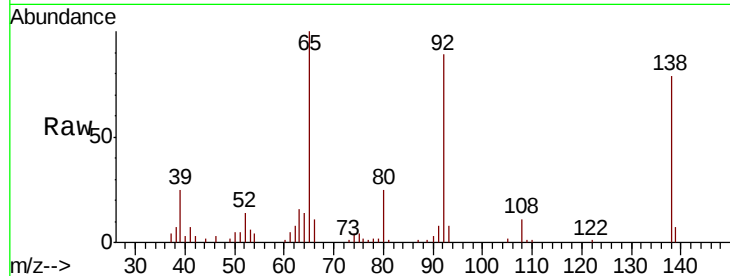
#53
3-Nitroaniline
Concen: 28.433 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:138 Resp: 30542
Ion Ratio Lower Upper
138 100
108 14.0 8.0 12.0#
92 113.2 90.9 136.3

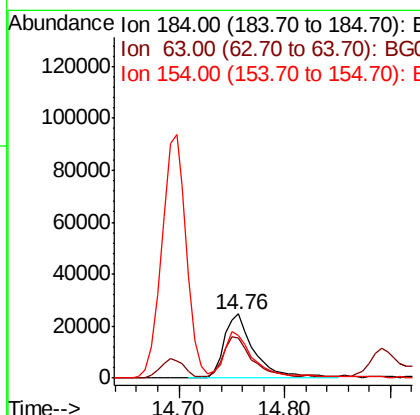
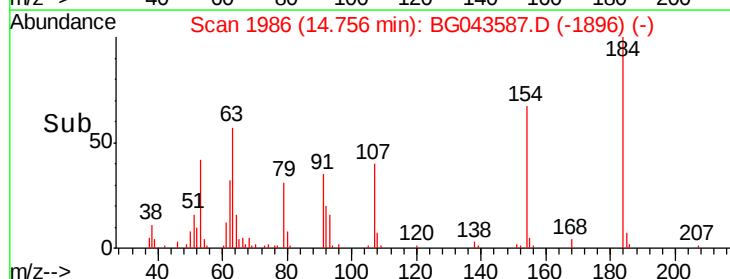
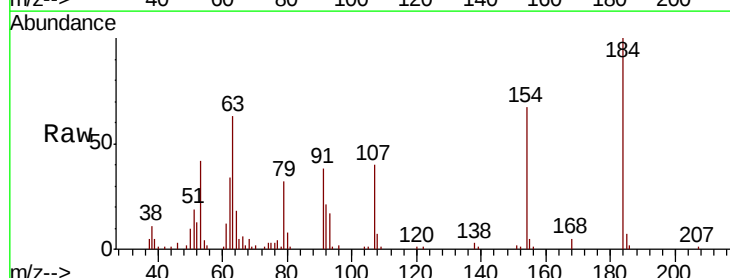
Manual Integrations
APPROVED

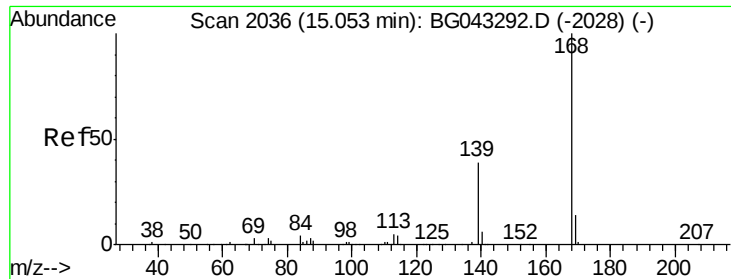
mohammad
11/12/2019 5:04:03 PM



#54
2,4-Dinitrophenol
Concen: 71.425 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:184 Resp: 49026
Ion Ratio Lower Upper
184 100
63 63.0 51.3 76.9
154 66.9 55.4 83.0





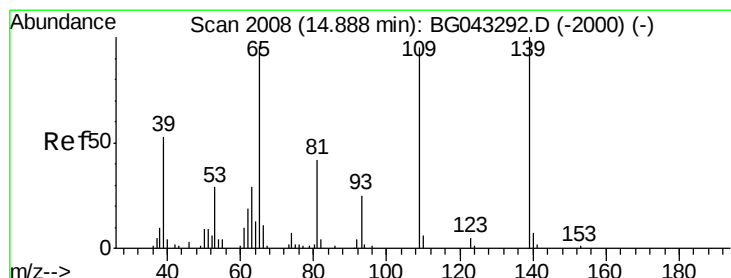
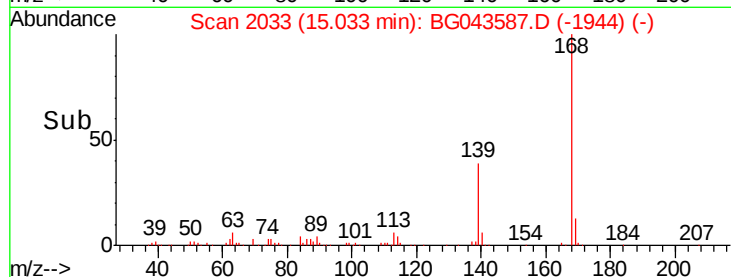
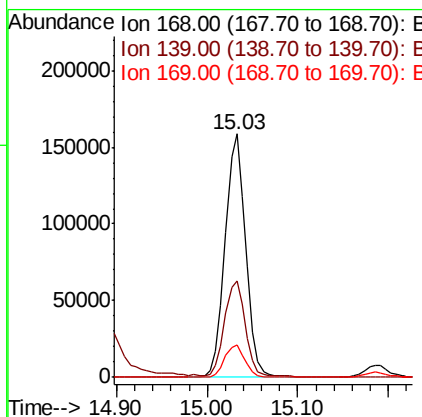
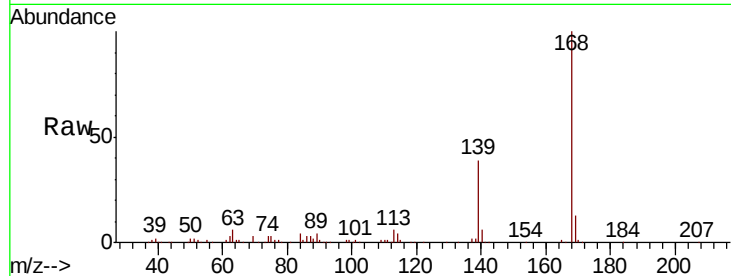
#55
Dibenzofuran
Concen: 42.417 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	249851		
139	39.4		31.0	46.6
169	13.1		11.7	17.5

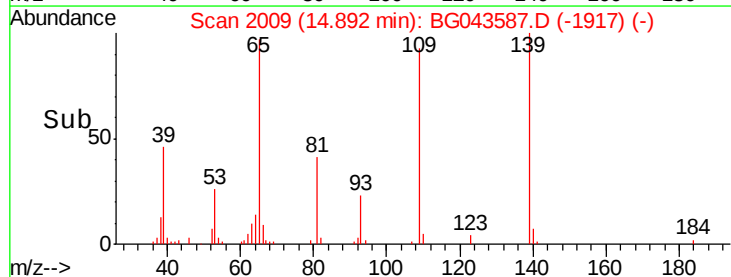
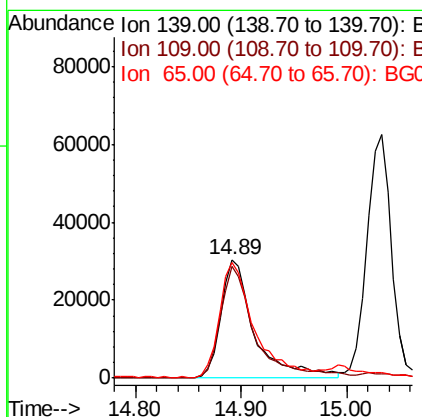
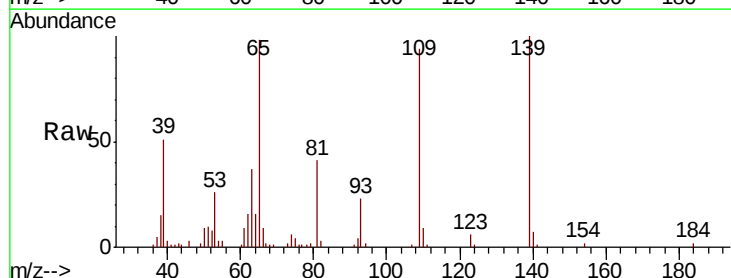
Manual Integrations
APPROVED

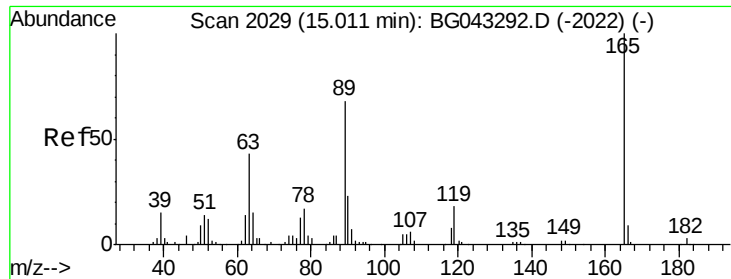
mohammad
11/12/2019 5:04:03 PM



#56
4-Nitrophenol
Concen: 93.445 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67265		
109	94.0		87.2	127.2
65	97.7		83.8	123.8





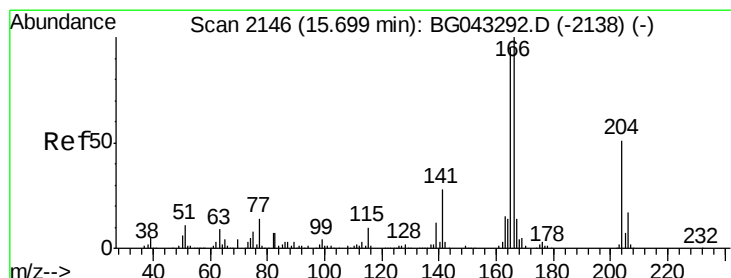
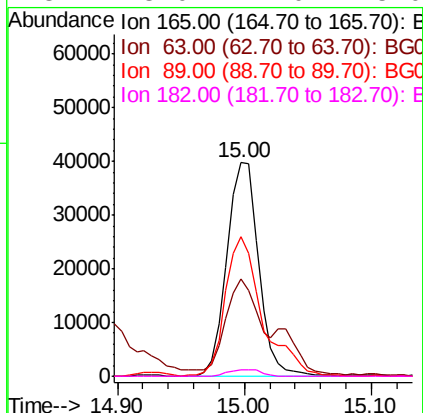
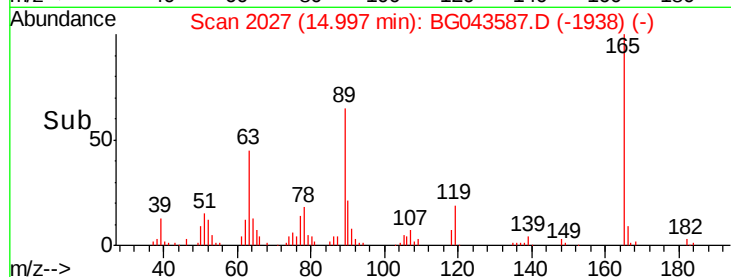
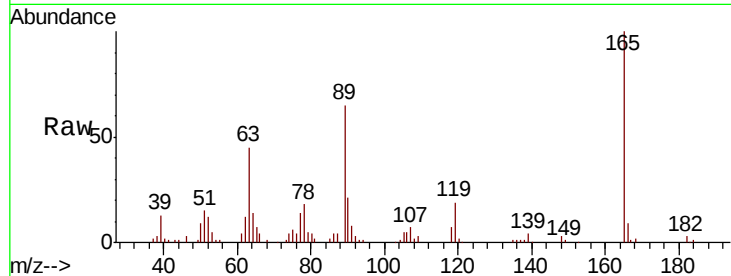
#57
2,4-Dinitrotoluene
Concen: 43.459 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69100		
63	45.3		33.2	49.8
89	65.1		52.2	78.4
182	3.0		2.0	3.0#

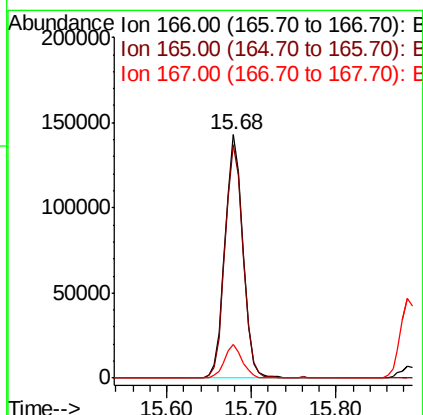
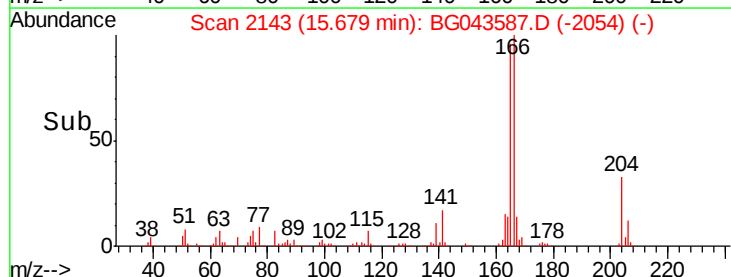
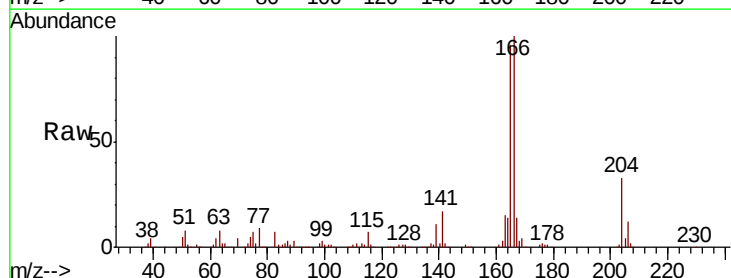
Manual Integrations
APPROVED

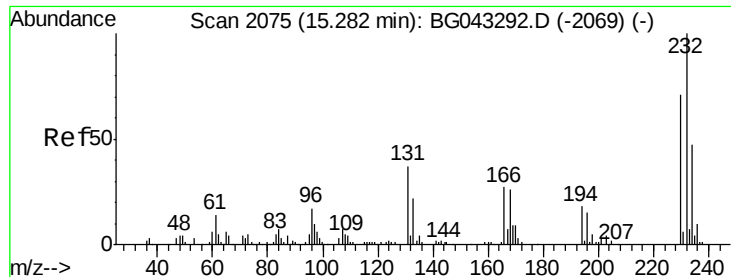
mohammad
11/12/2019 5:04:03 PM



#58
Fluorene
Concen: 42.297 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	208964		
165	95.8		79.0	118.6
167	13.9		10.5	15.7





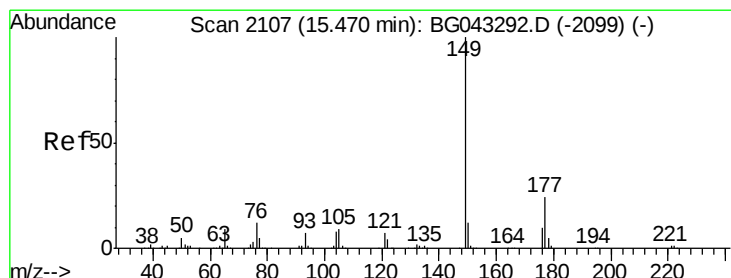
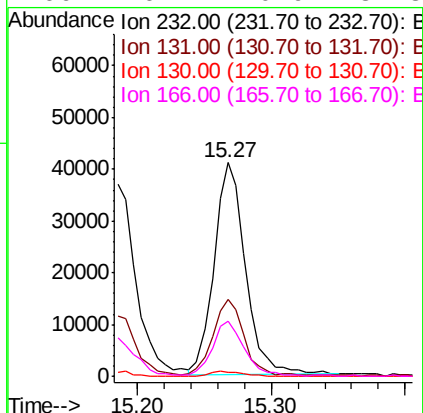
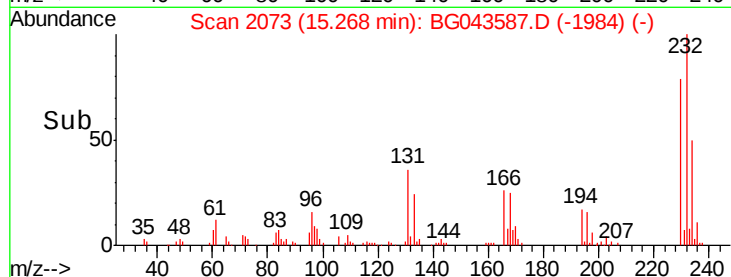
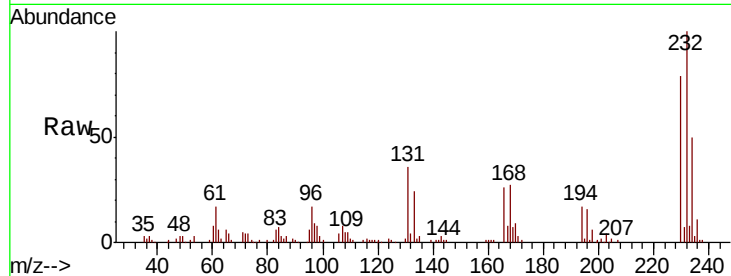
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.759 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:	232	Resp:	67731
Ion Ratio	Lower	Upper	
232	100		
131	34.0	26.9	40.3
130	2.3	1.8	2.6
166	26.4	20.9	31.3

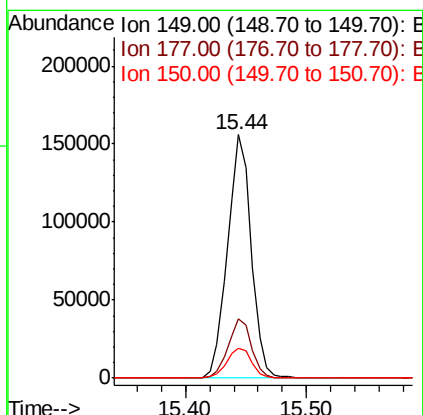
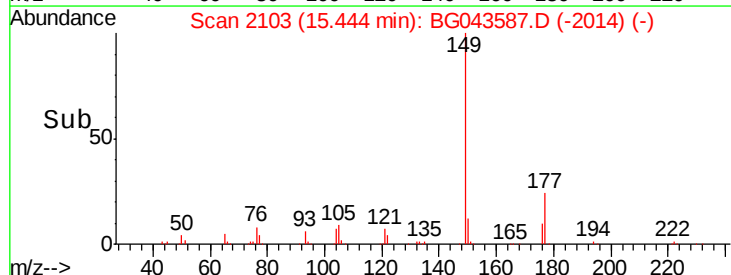
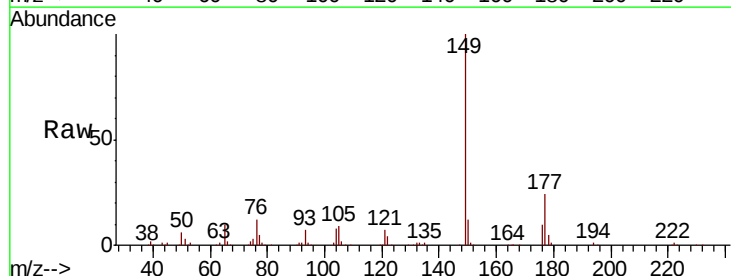
Manual Integrations
APPROVED

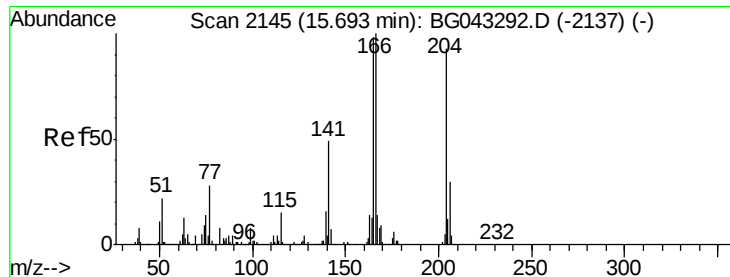
mohammad
11/12/2019 5:04:03 PM



#60
Diethylphthalate
Concen: 41.247 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:	149	Resp:	212244
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.6	29.4
150	12.3	10.8	16.2





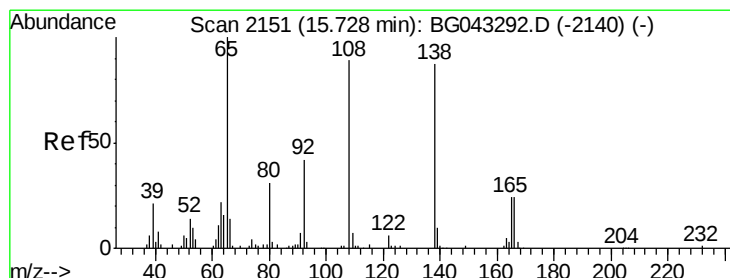
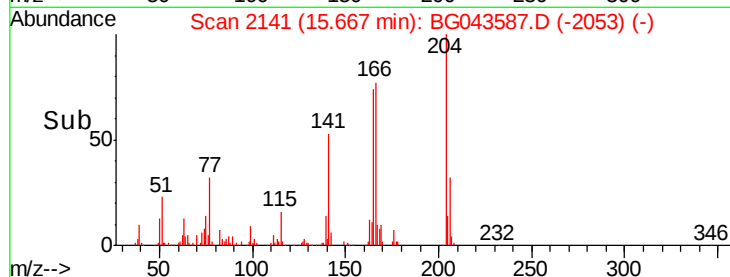
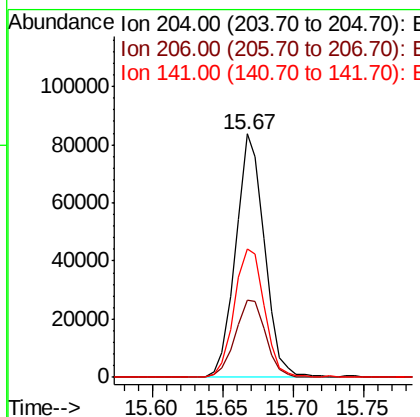
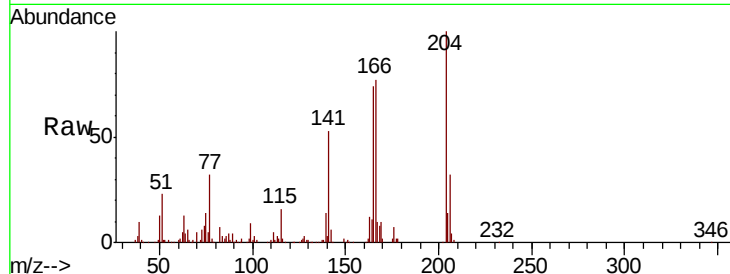
#61
4-Chlorophenyl-phenylether
Concen: 41.081 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleID :
PB124597BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	118398		
206	31.8	28.4	42.6	
141	52.9	43.0	64.6	

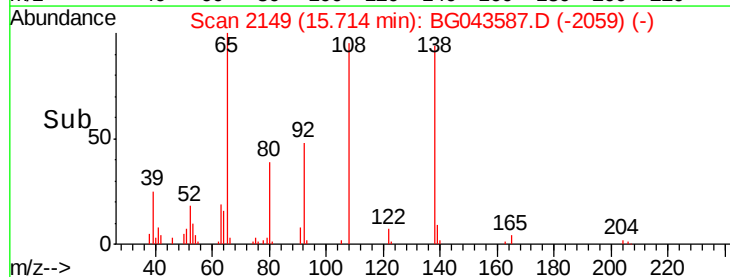
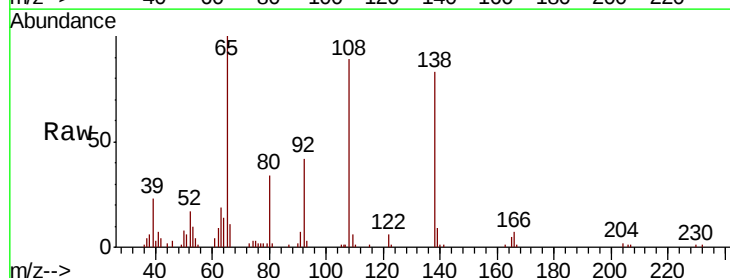
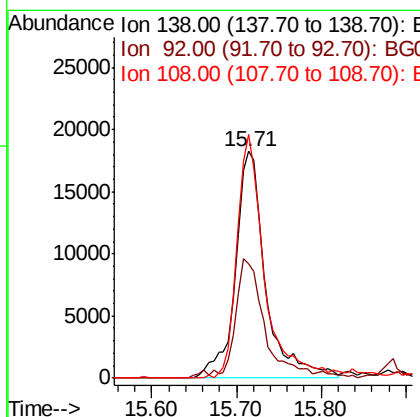
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#62
4-Nitroaniline
Concen: 40.474 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	44900		
92	50.8	33.4	73.4	
108	107.6	78.0	118.0	





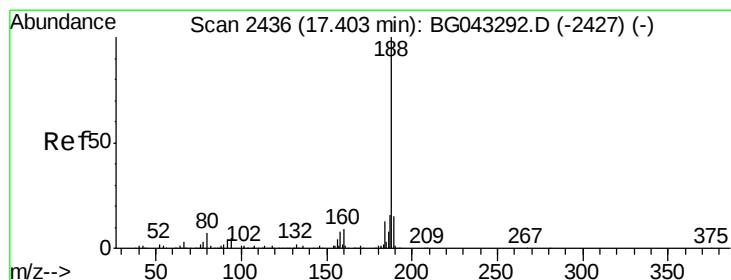
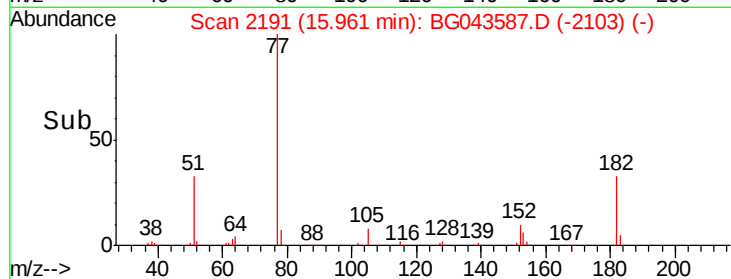
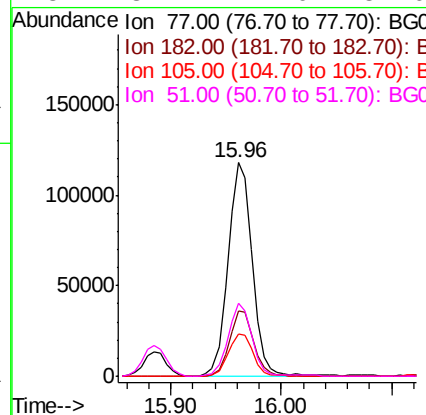
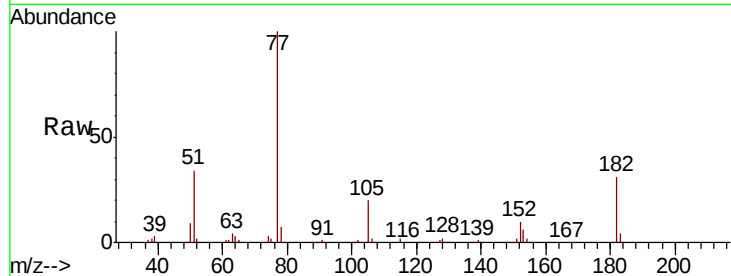
#63
Azobenzene
Concen: 43.274 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion:	77	Resp:	180216
Ion Ratio	Lower	Upper	
77	100		
182	30.7	13.7	53.7
105	20.0	0.4	40.4
51	34.2	11.0	51.0

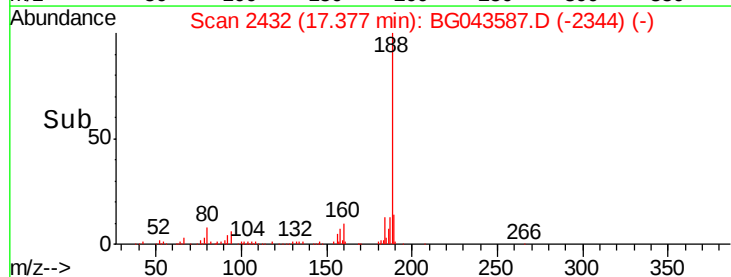
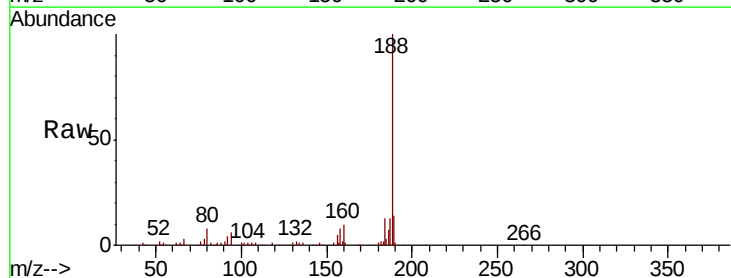
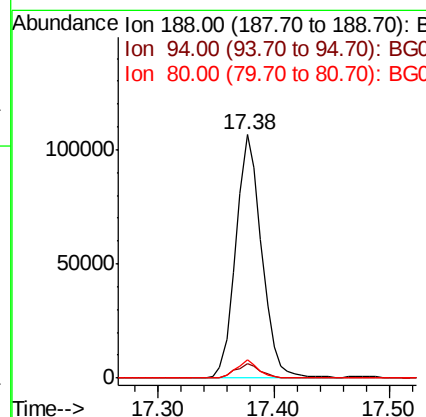
Manual Integrations
APPROVED

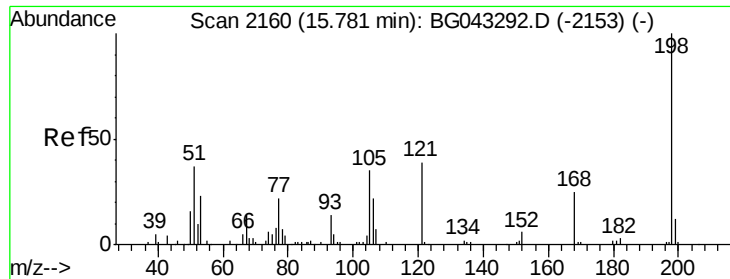
mohammad
11/12/2019 5:04:03 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion:	188	Resp:	165737
Ion Ratio	Lower	Upper	
188	100		
94	5.9	4.2	6.4
80	7.6	4.5	6.7#





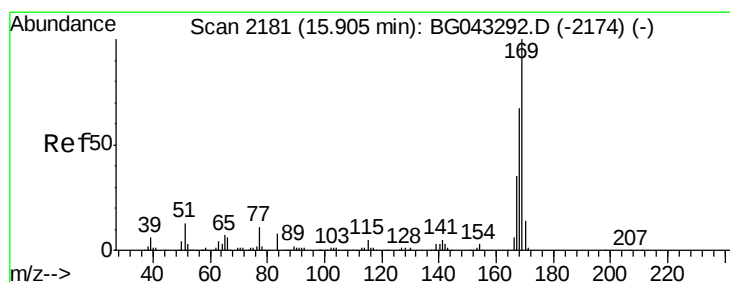
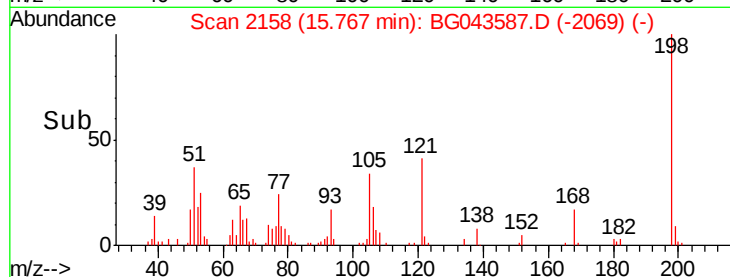
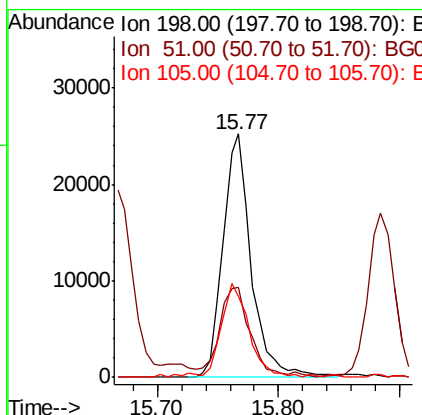
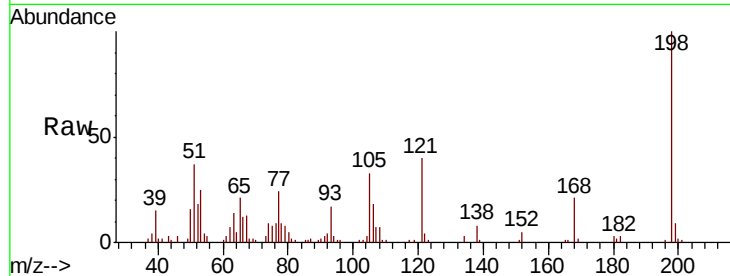
#65
4,6-Dinitro-2-methylphenol
Concen: 41.797 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.0	13.2	53.2
105	33.5	15.8	55.8

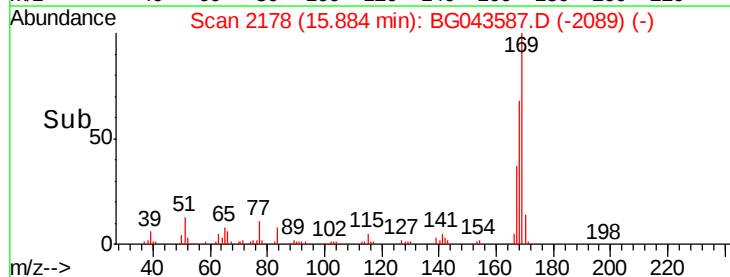
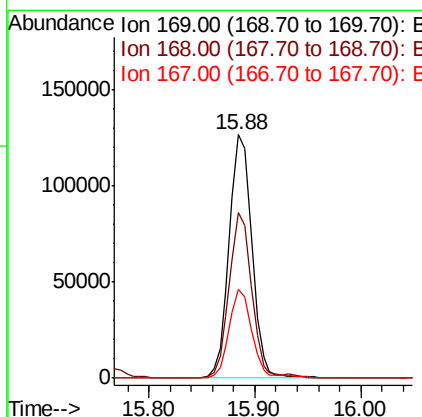
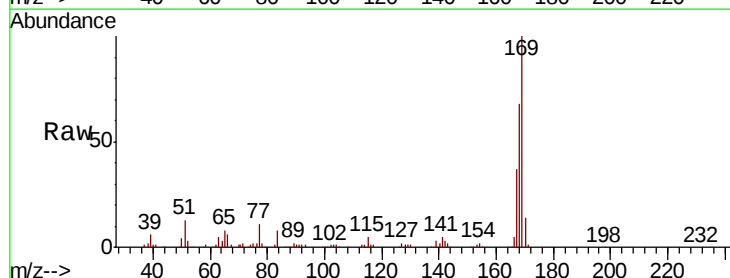
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#66
n-Nitrosodiphenylamine
Concen: 40.311 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.8	80.6
167	36.7	27.5	41.3





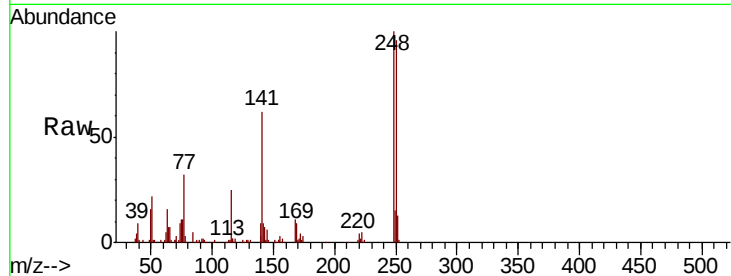
#67
4-Bromophenyl-phenylether
Concen: 38.031 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.4
141	62.2	47.5	71.3

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

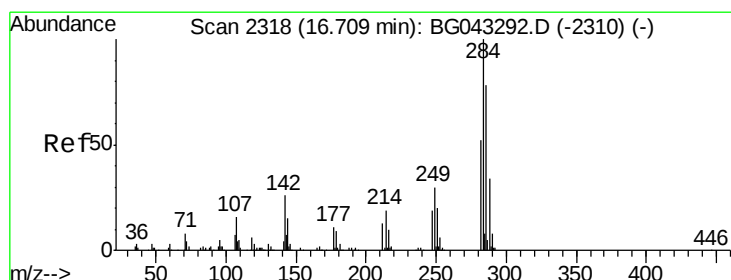
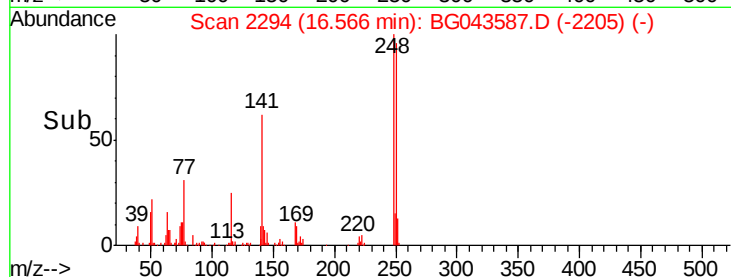
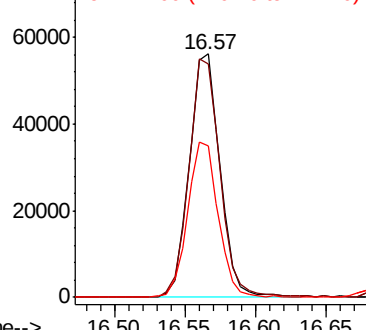


Abundance

Ion 248.00 (247.70 to 248.70): E

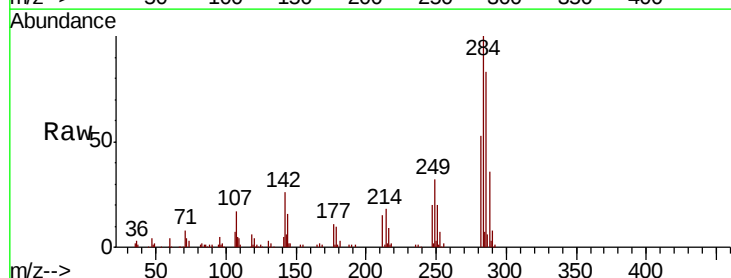
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.663 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	19.8	29.8
249	32.1	23.8	35.6

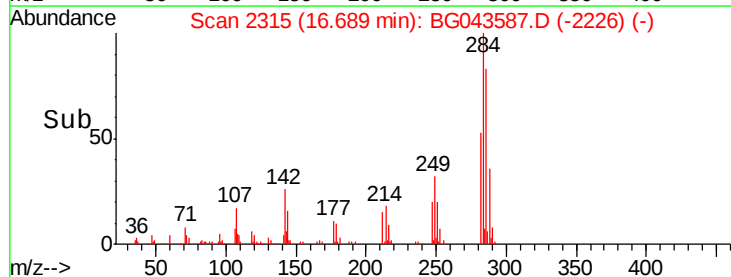
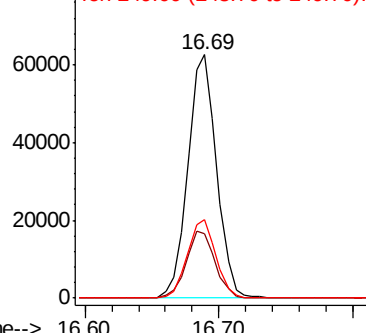


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





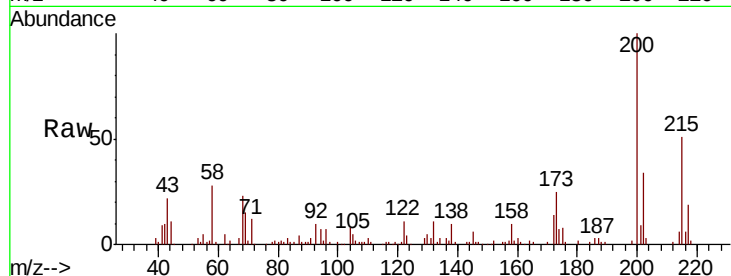
#69
Atrazine
Concen: 51.107 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.7	44.7
215	51.1	28.5	68.5

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

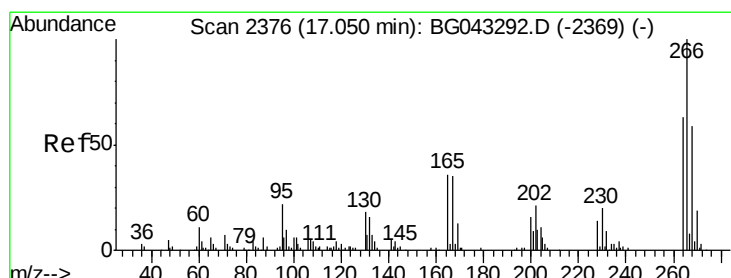
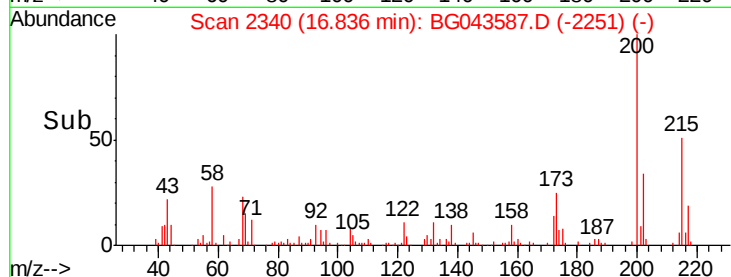
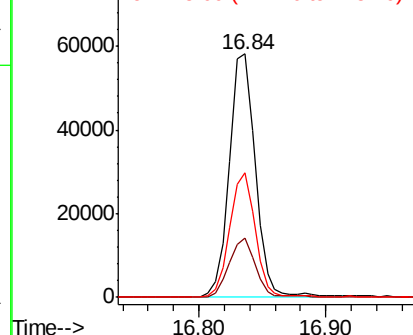


Abundance

Ion 200.00 (199.70 to 200.70): E

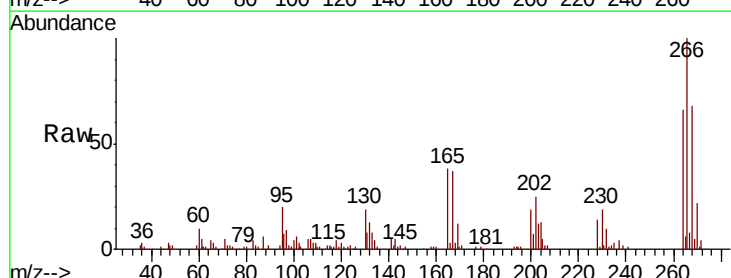
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.688 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	50.4	75.6
264	65.8	48.9	73.3

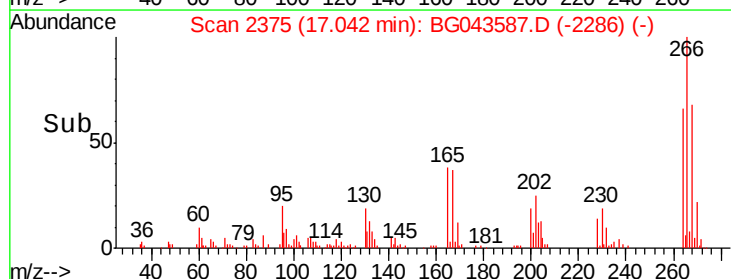
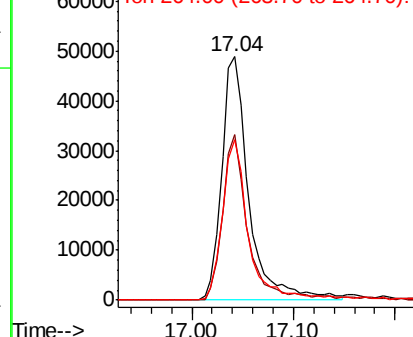


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





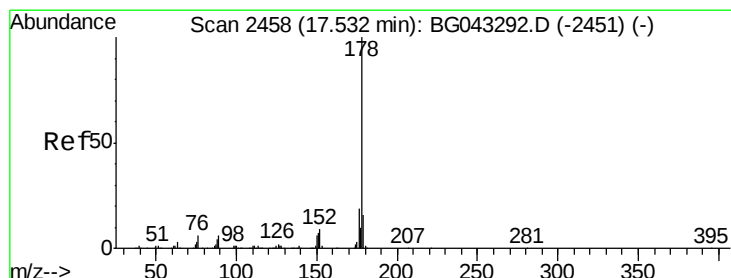
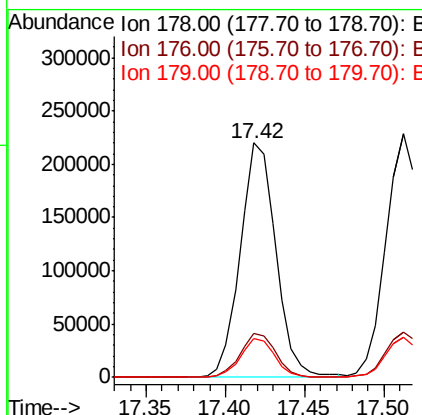
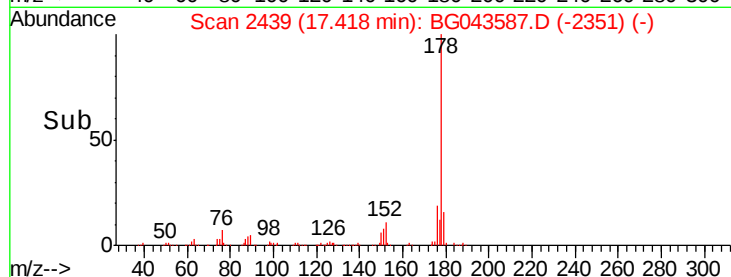
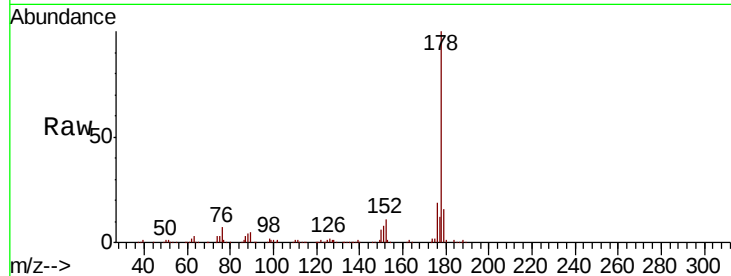
#71
Phenanthrene
Concen: 40.470 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.4	13.0	19.6

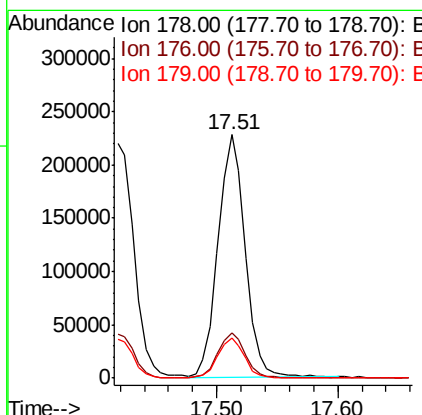
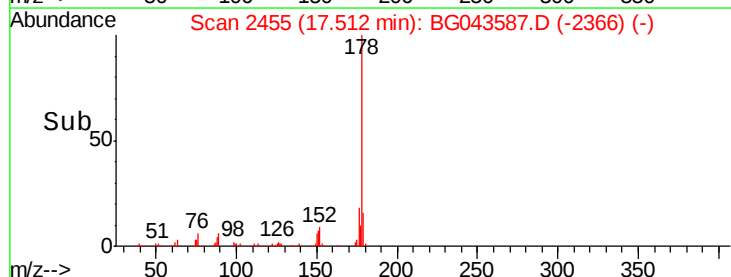
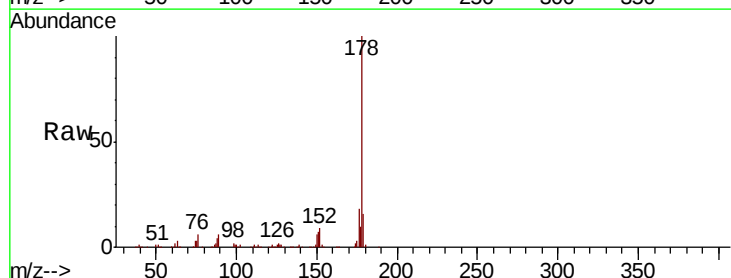
Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#72
Anthracene
Concen: 41.530 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.3	13.7	20.5





#73

Carbazole

Concen: 42.157 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

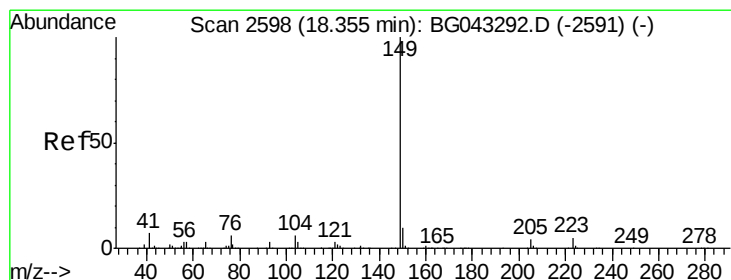
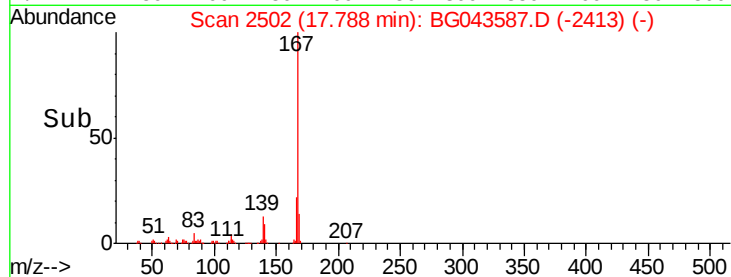
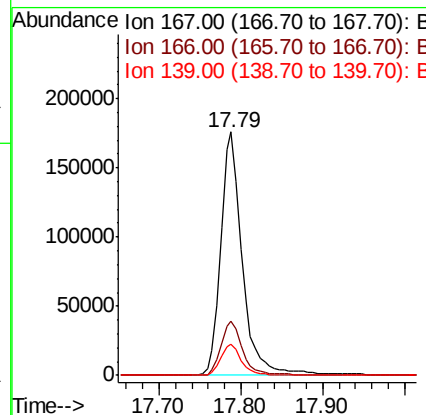
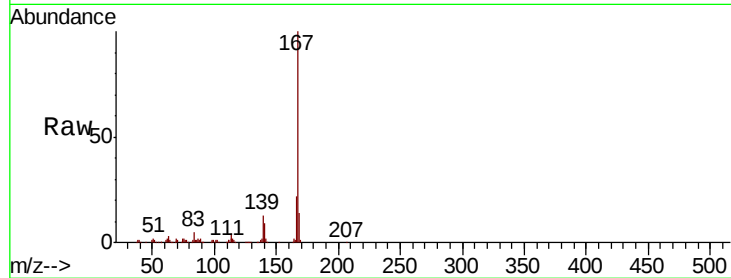
ClientSampleId :

PB124597BS

Tot Ion:	167	Resp:	324170
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.7	28.1
139	12.6	10.0	15.0

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#74

Di-n-butylphthalate

Concen: 41.667 ng

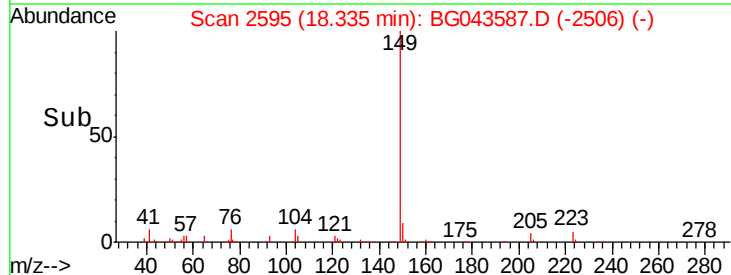
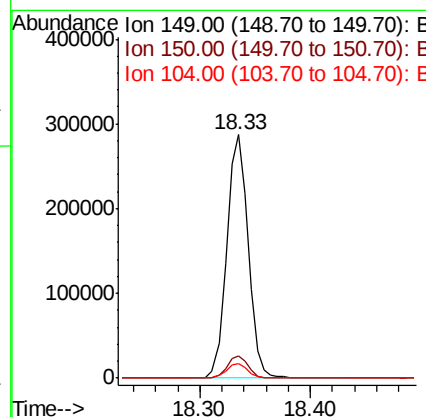
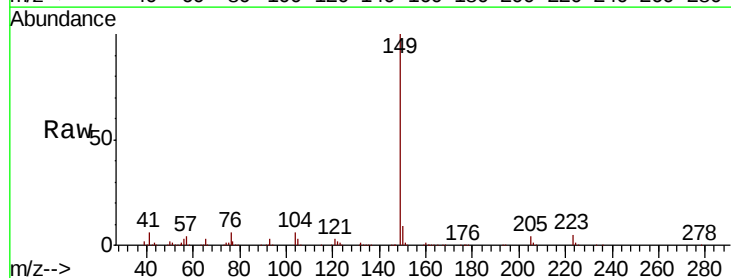
RT: 18.33 min Scan# 2595

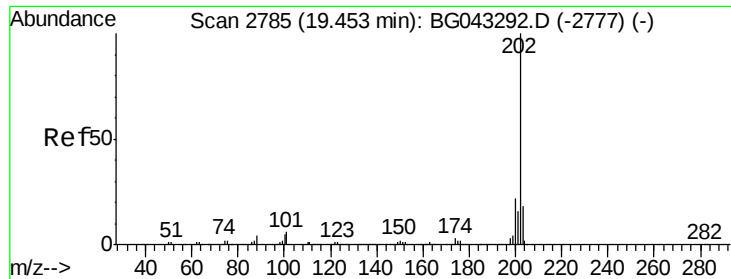
Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	149	Resp:	388757
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 43.017 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

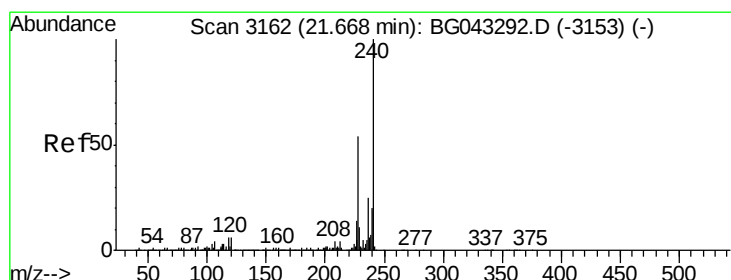
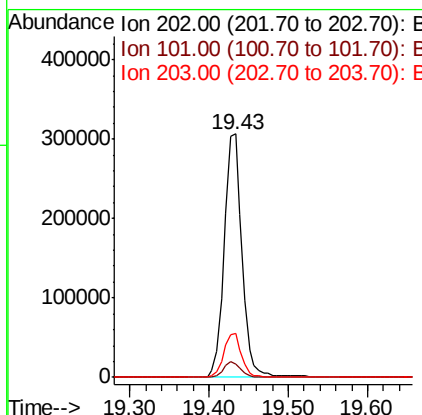
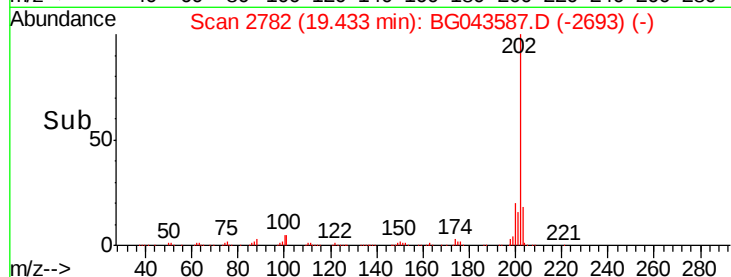
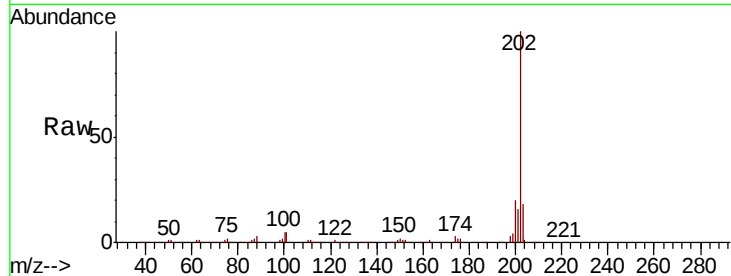
ClientSampleId :

PB124597BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		475959		
101	5.4	0.0	26.3		
203	18.0	0.0	37.9		

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#76

Chrysene-d12

Concen: 20.000 ng

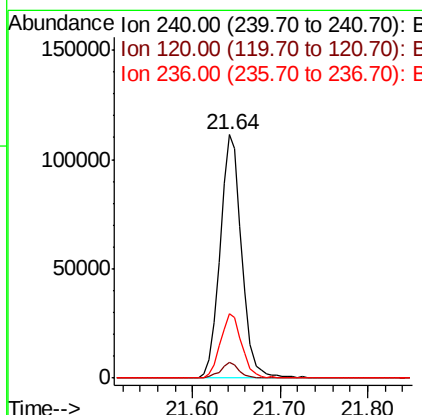
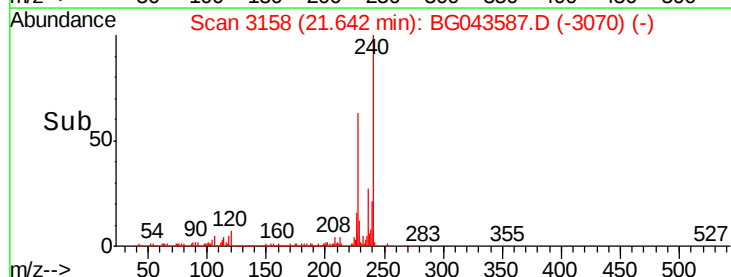
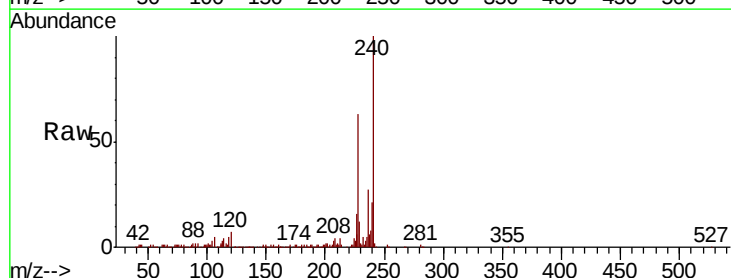
RT: 21.64 min Scan# 3158

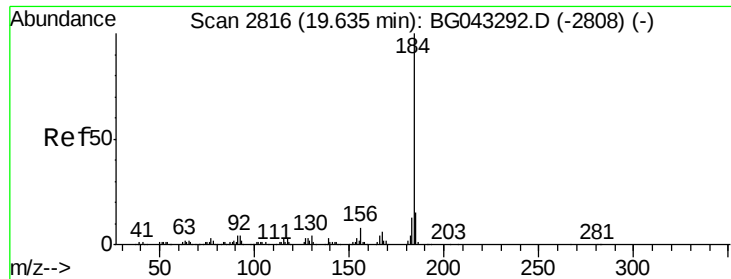
Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		189448		
120	6.7	4.6	6.8		
236	26.5	19.8	29.8		





#77

Benzidine

Concen: 53.401 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

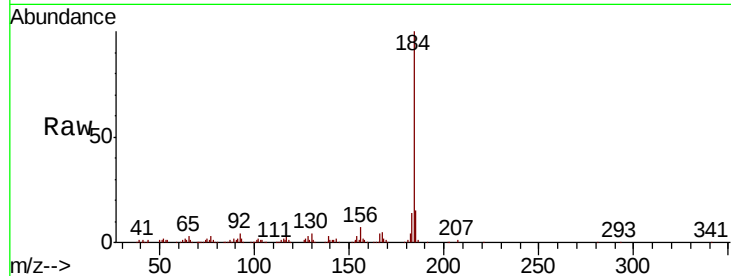
ClientSampleId :

PB124597BS

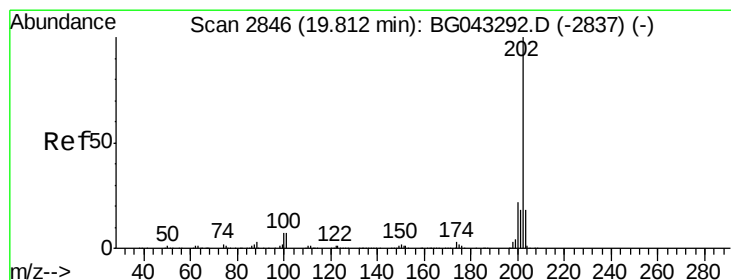
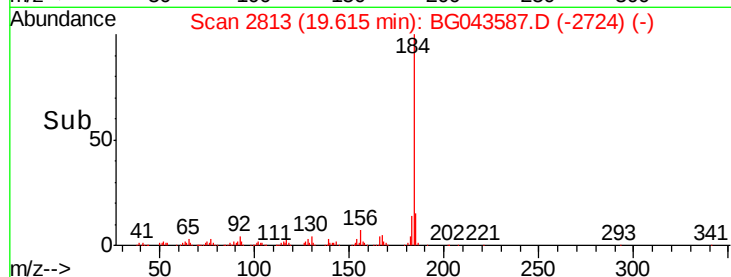
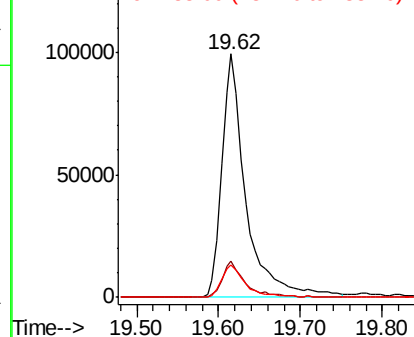
Tot Ion:	184	Resp:	203602
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.0	16.4
183	13.5	10.0	15.0

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



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



#78

Pyrene

Concen: 41.439 ng

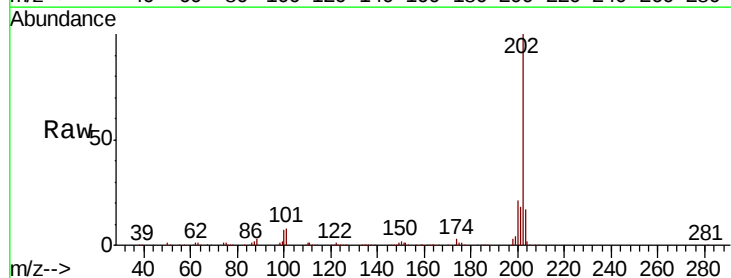
RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

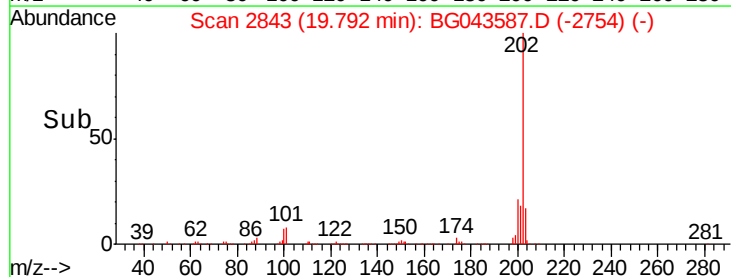
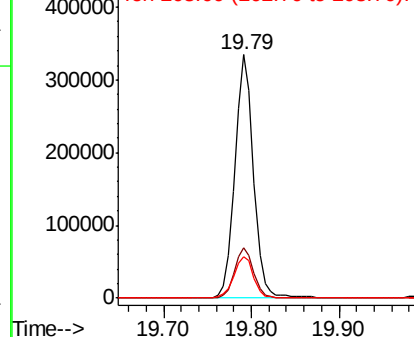
Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	202	Resp:	485944
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.2	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





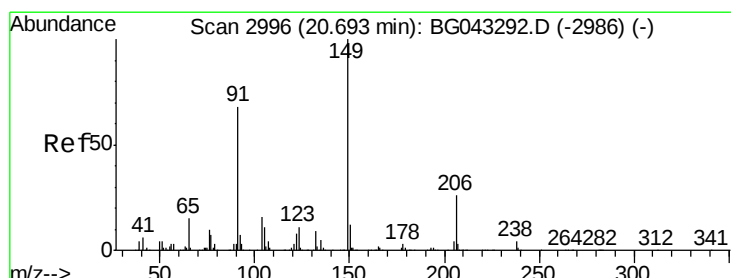
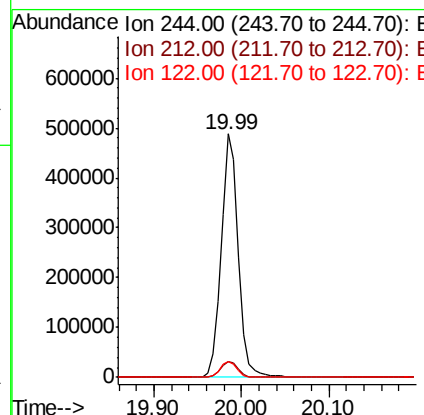
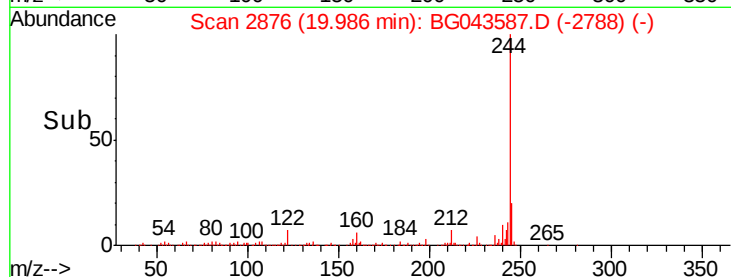
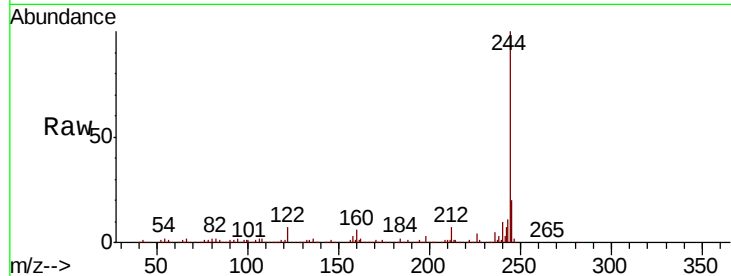
#79
 Terphenyl-d14
 Concen: 65.100 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	6.7	5.4	8.2

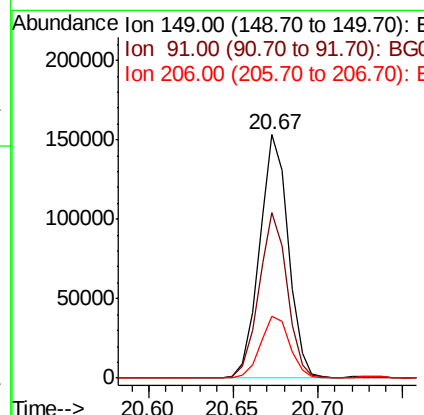
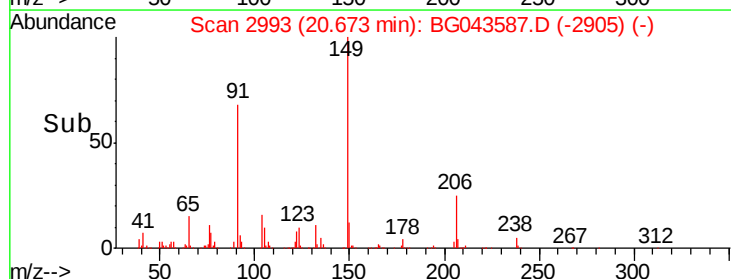
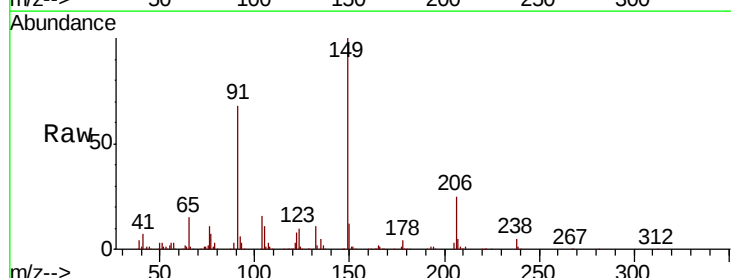
Manual Integrations
 APPROVED

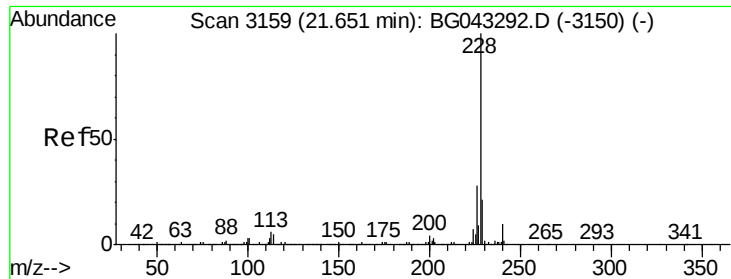
mohammad
 11/12/2019 5:04:03 PM



#80
 Butylbenzylphthalate
 Concen: 40.988 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.2	76.8
206	25.4	22.5	33.7





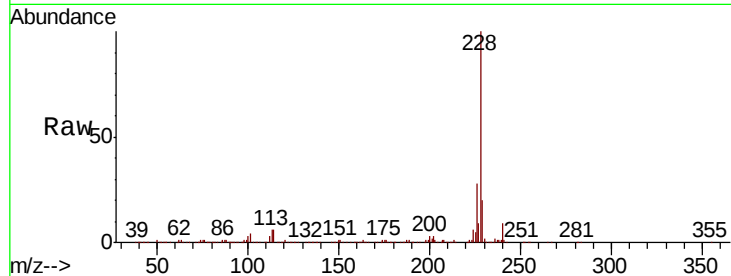
#81
Benzo(a)anthracene
Concen: 41.861 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.3	17.0	25.4

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM

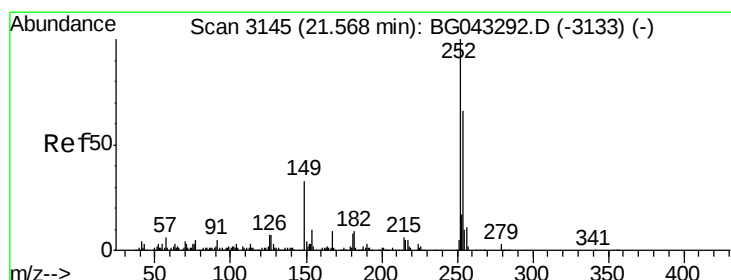
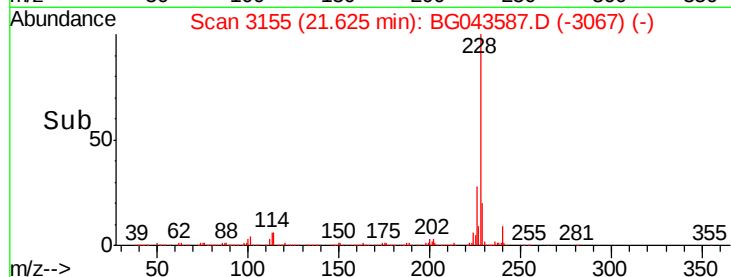
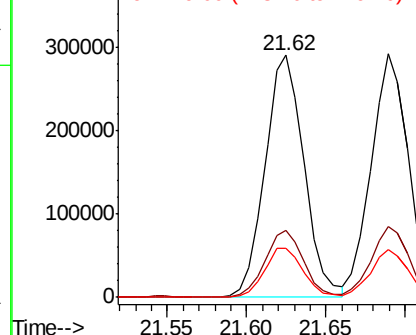


Abundance

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: 31.049 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

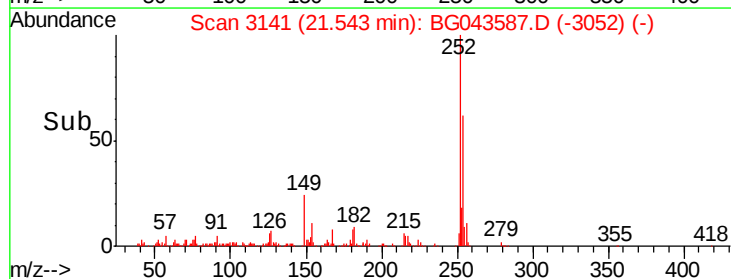
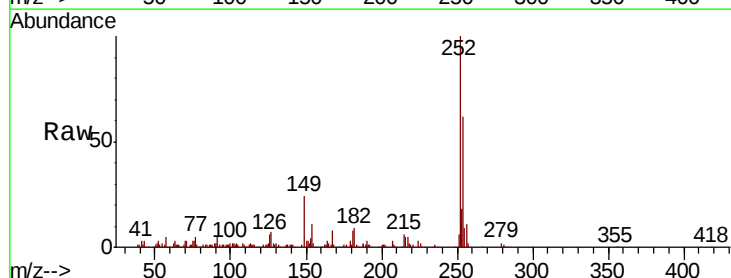
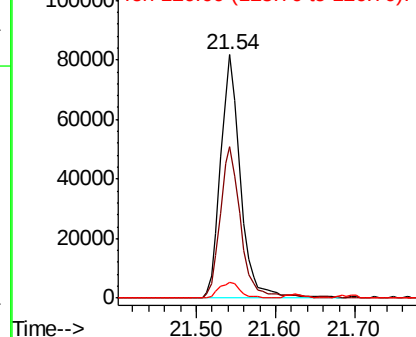
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.8	76.2
126	6.4	6.1	9.1

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





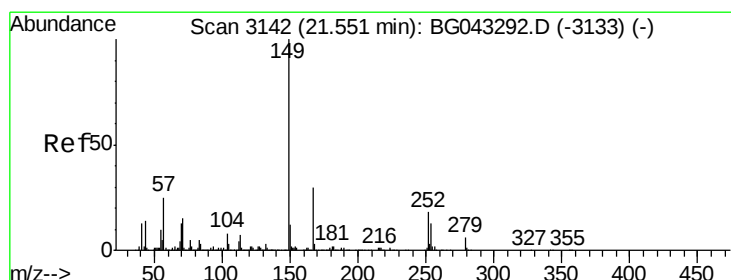
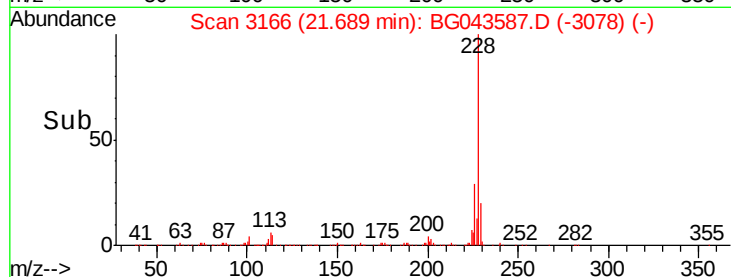
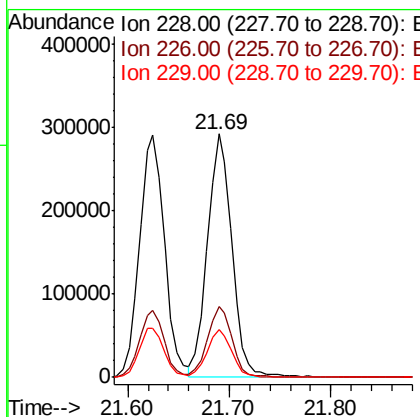
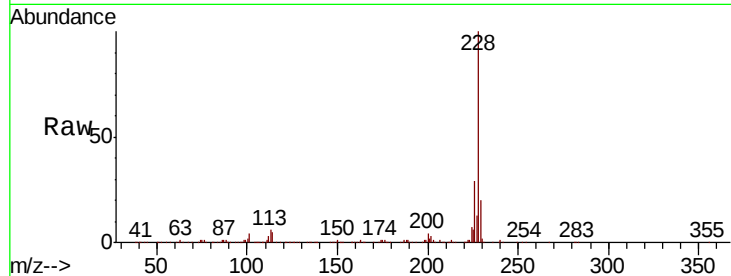
#83
 Chrysene
 Concen: 41.261 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB124597BS

Tot Ion:	228	Resp:	486500
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.1	37.7
229	19.9	17.0	25.4

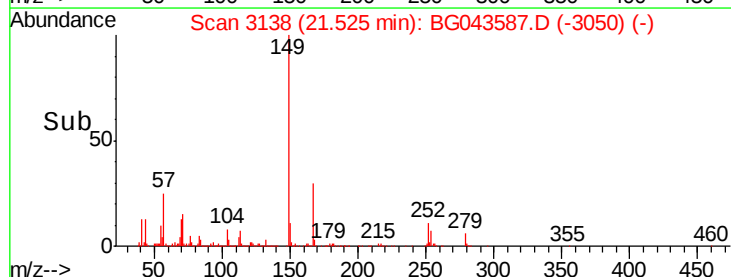
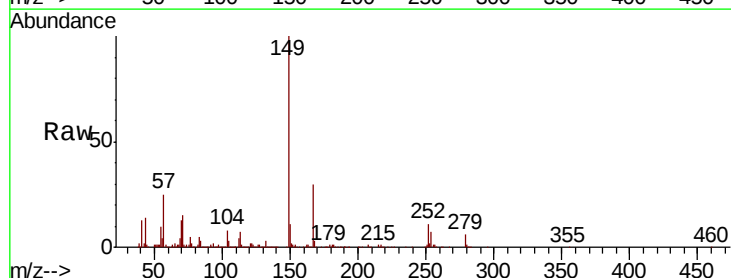
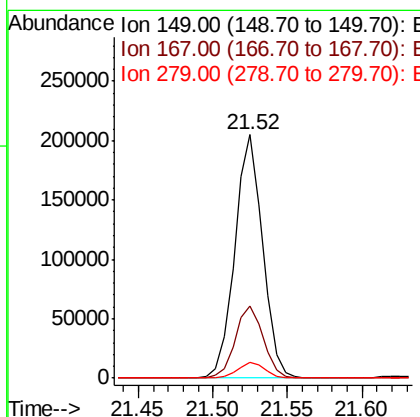
Manual Integrations
 APPROVED

mohammad
 11/12/2019 5:04:03 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.805 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043587.D
 Acq: 11 Nov 2019 17:24

Tgt Ion:	149	Resp:	263831
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.0	36.0
279	6.2	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 42.485 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

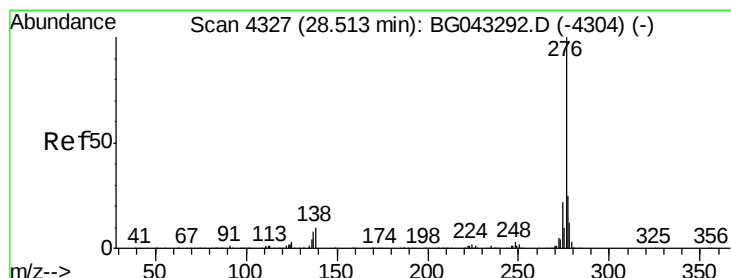
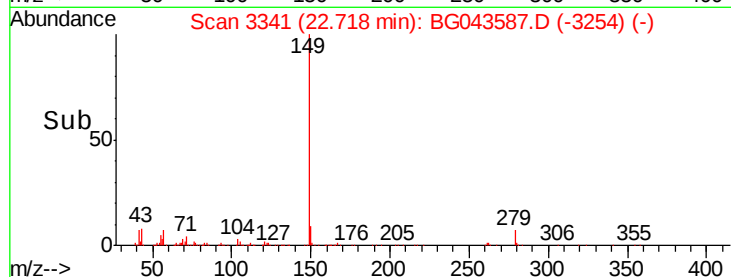
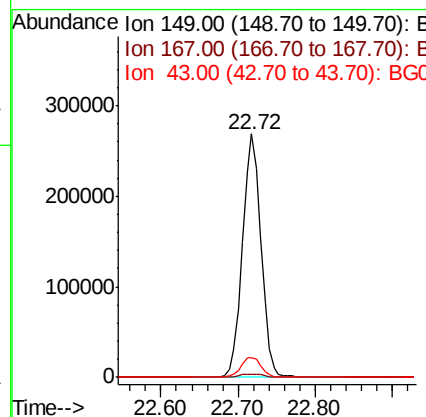
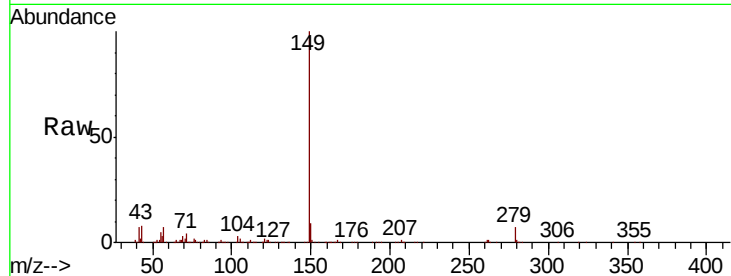
ClientSampleId :

PB124597BS

Tot Ion:	149	Resp:	454888
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	8.6	7.0	10.6

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.186 ng

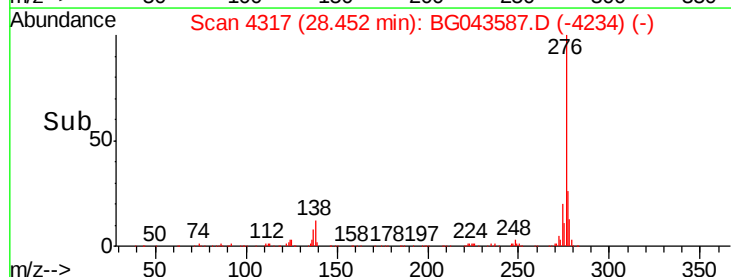
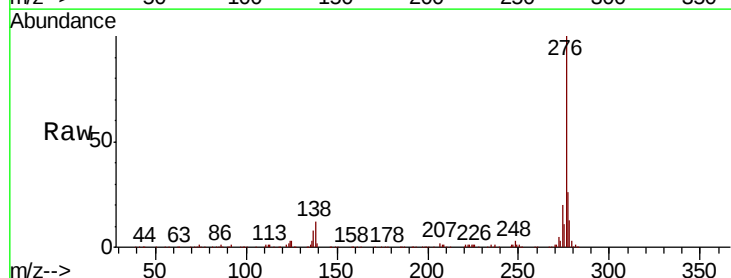
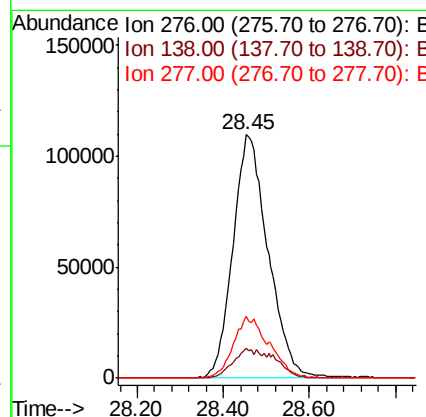
RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	276	Resp:	624361
Ion Ratio	Lower	Upper	
276	100		
138	8.9	6.8	10.2
277	25.7	20.9	31.3





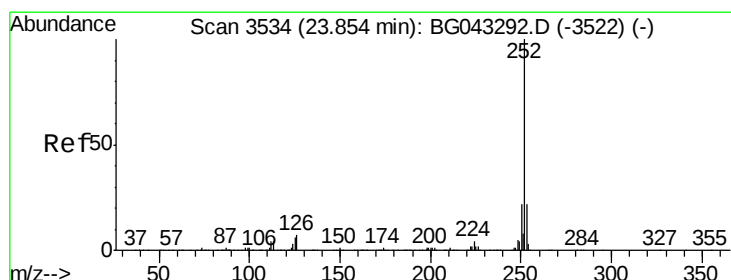
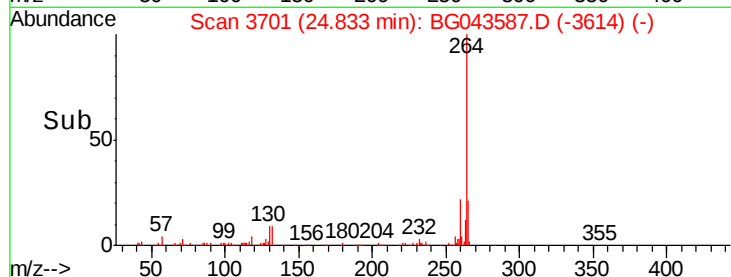
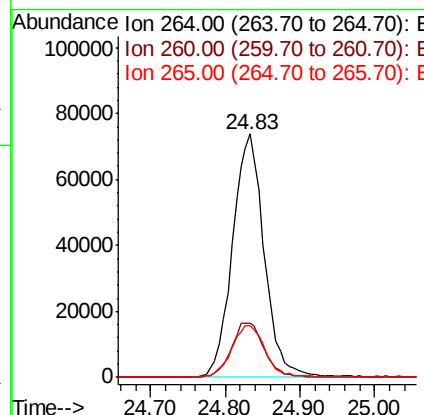
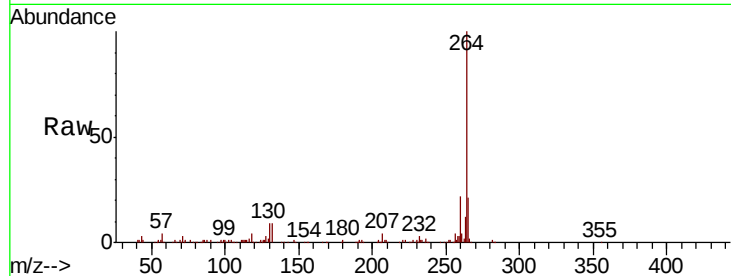
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.0	17.4	26.0

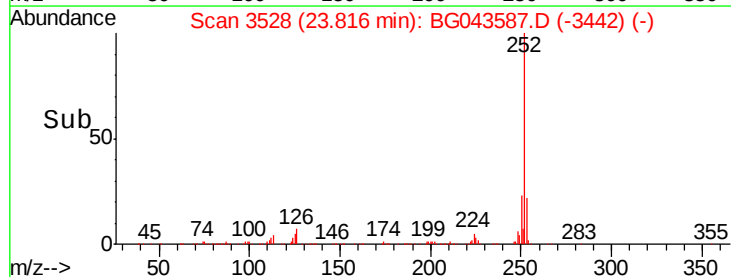
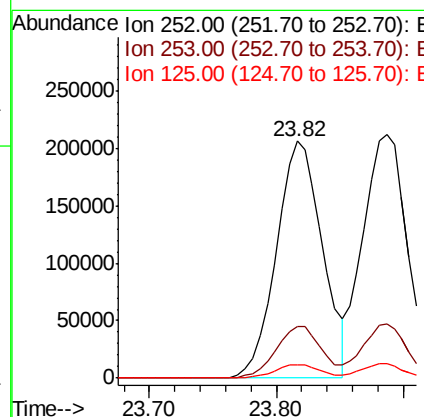
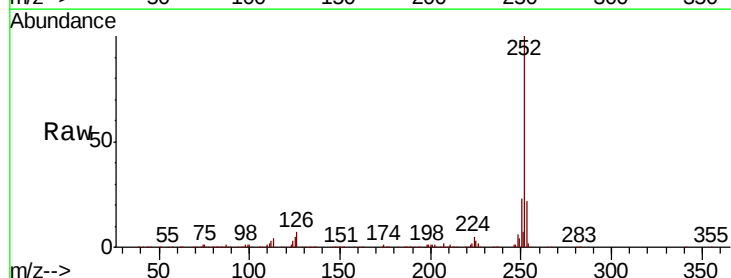
Manual Integrations
APPROVED

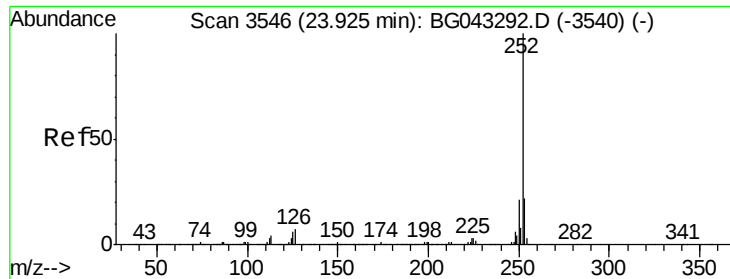
mohammad
11/12/2019 5:04:03 PM



#88
Benzo(b)fluoranthene
Concen: 42.218 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BG043587.D
Acq: 11 Nov 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	5.5	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 42.561 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

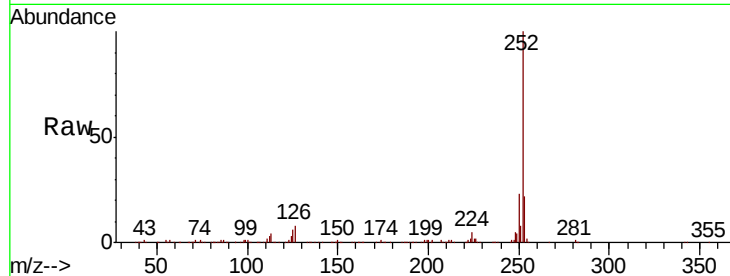
ClientSampleId :

PB124597BS

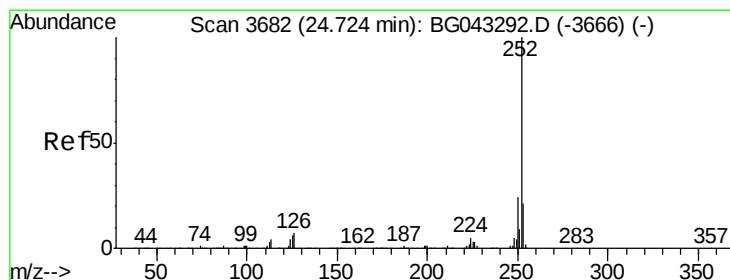
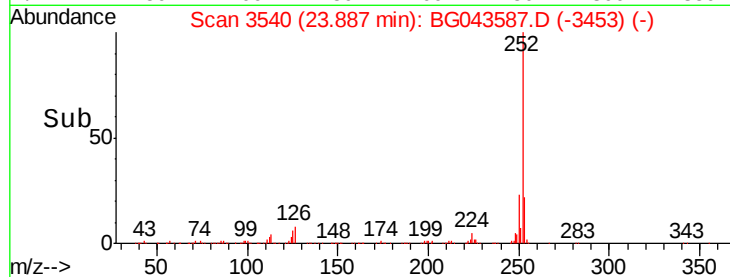
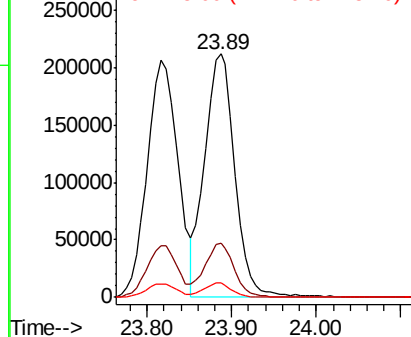
Tot Ion:	252	Resp:	526965
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	6.1	4.6	6.8

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



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



#90

Benzo(a)pyrene

Concen: 41.084 ng

RT: 24.68 min Scan# 3675

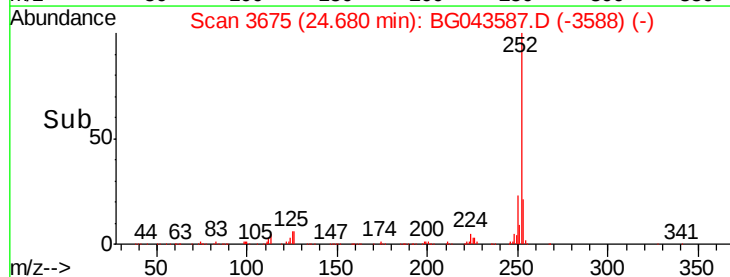
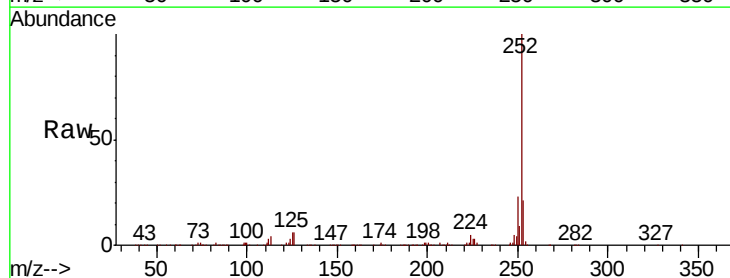
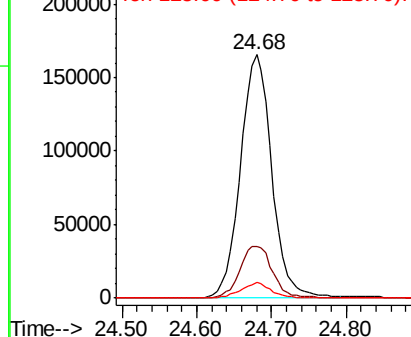
Delta R.T. -0.02 min

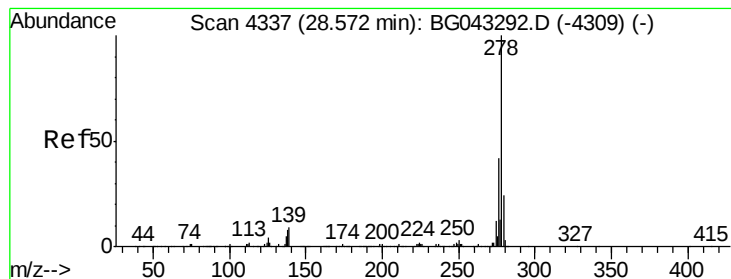
Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	252	Resp:	482518
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.8
125	6.3	5.4	8.2

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





#91

Dibenzo(a,h)anthracene

Concen: 43.683 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.04 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Instrument :

BNA_G

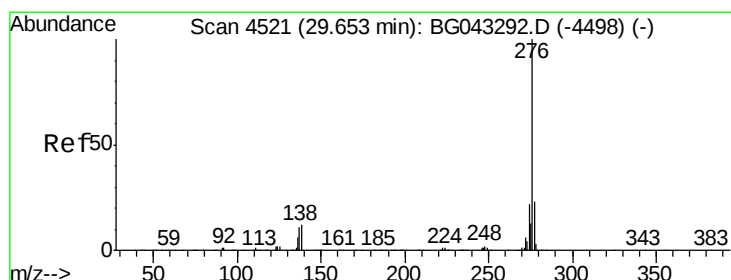
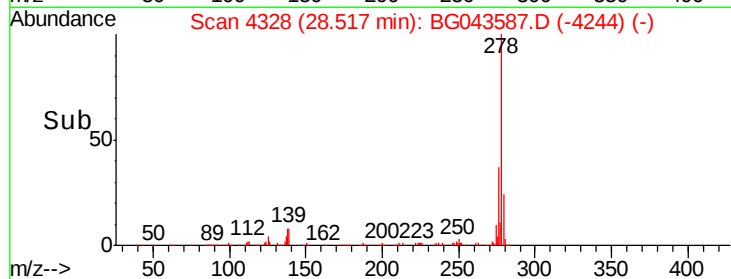
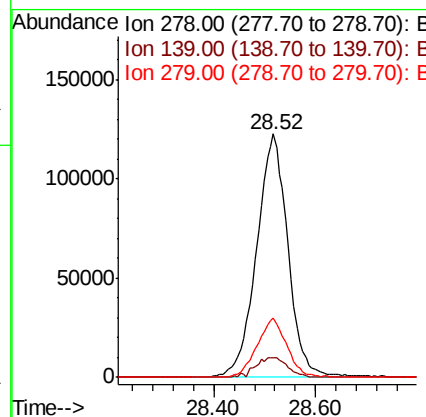
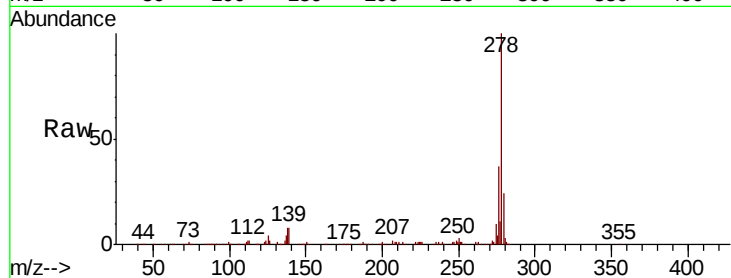
ClientSampleId :

PB124597BS

Tot Ion:	278	Resp:	524765
Ion Ratio	Lower	Upper	
278	100		
139	8.2	7.4	11.0
279	24.4	19.1	28.7

Manual Integrations
APPROVED

mohammad
11/12/2019 5:04:03 PM



#92

Benzo(g,h,i)perylene

Concen: 43.944 ng

RT: 29.60 min Scan# 4512

Delta R.T. -0.03 min

Lab File: BG043587.D

Acq: 11 Nov 2019 17:24

Tgt Ion:	276	Resp:	520722
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.9	28.3
138	11.2	8.9	13.3

