

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042976.D
 Acq On : 1 Oct 2019 20:55
 Operator : JU
 Sample : K5094-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:26 PM

Quant Time: Oct 02 01:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69787	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	263070	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	200996	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	485124	20.00	ng	0.00
76) Chrysene-d12	21.71	240	536923	20.00	ng	0.00
87) Perylene-d12	24.93	264	629778	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	377324	96.49	ng	0.00
7) Phenol-d6	7.24	99	572277	101.62	ng	0.00
23) Nitrobenzene-d5	9.23	82	363196	67.10	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	318146	92.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	789685	56.96	ng	0.00
79) Terphenyl-d14	20.04	244	1512020	60.01	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	54225	33.259	ng	97
3) Pyridine	3.95	79	141360	30.827	ng	90
4) n-Nitrosodimethylamine	3.86	42	91304	41.404	ng	# 88
6) Aniline	7.40	93	205566	30.241	ng	95
8) 2-Chlorophenol	7.64	128	179119	43.922	ng	97
9) Benzaldehyde	7.21	77	118915	34.557	ng	91
10) Phenol	7.27	94	237387	45.947	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	157324	39.356	ng	96
12) 1,3-Dichlorobenzene	7.96	146	195217	37.525	ng	97
13) 1,4-Dichlorobenzene	8.10	146	202857	39.115	ng	98
14) 1,2-Dichlorobenzene	8.43	146	192337	38.955	ng	96
15) Benzyl Alcohol	8.31	79	181304	42.823	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	274783	35.793	ng	98
17) 2-Methylphenol	8.52	107	156576	43.312	ng	98
18) Hexachloroethane	9.16	117	73055	37.403	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	141750	38.335	ng	95
20) 3+4-Methylphenols	8.85	107	211461	42.684	ng	95
22) Acetophenone	8.89	105	269677	39.769	ng	# 98
24) Nitrobenzene	9.27	77	218783	42.379	ng	98
25) Isophorone	9.80	82	405952	42.700	ng	99
26) 2-Nitrophenol	9.99	139	104958	47.758	ng	97
27) 2,4-Dimethylphenol	10.04	122	169852	50.325	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	223089	41.359	ng	98
29) 2,4-Dichlorophenol	10.53	162	200502	47.766	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	224473	41.411	ng	98
31) Naphthalene	10.93	128	553999	42.780	ng	99
32) Benzoic acid	10.20	122	126266	48.047	ng	95
33) 4-Chloroaniline	11.04	127	120208	21.392	ng	94
34) Hexachlorobutadiene	11.21	225	159788	39.369	ng	99
35) Caprolactam	11.81	113	63194m	42.691	ng	
36) 4-Chloro-3-methylphenol	12.15	107	216738	47.489	ng	96
37) 2-Methylnaphthalene	12.52	142	427827	43.306	ng	96
38) 1-Methylnaphthalene	12.74	142	406121	43.445	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	285129	37.729	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042976.D
 Acq On : 1 Oct 2019 20:55
 Operator : JU
 Sample : K5094-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:26 PM

Quant Time: Oct 02 01:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425981	88.466	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	192179	43.447	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	206171	45.246	ng	98
46) 1,1'-Biphenyl	13.53	154	588532	38.611	ng	99
47) 2-Chloronaphthalene	13.57	162	457252	40.012	ng	98
48) 2-Nitroaniline	13.77	65	154083	40.545	ng	96
49) Acenaphthylene	14.42	152	746776	42.706	ng	98
50) Dimethylphthalate	14.14	163	677890	45.013	ng	99
51) 2,6-Dinitrotoluene	14.26	165	140150	43.700	ng	98
52) Acenaphthene	14.76	154	459222	39.234	ng	99
53) 3-Nitroaniline	14.59	138	90345	27.258	ng	97
54) 2,4-Dinitrophenol	14.79	184	183749	92.175	ng	95
55) Dibenzofuran	15.09	168	724131	41.822	ng	99
56) 4-Nitrophenol	14.91	139	235335	93.189	ng	100
57) 2,4-Dinitrotoluene	15.04	165	199415	42.460	ng	99
58) Fluorene	15.74	166	622134	42.086	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	215011	44.317	ng	99
60) Diethylphthalate	15.51	149	615558	40.163	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	360716	40.688	ng	98
62) 4-Nitroaniline	15.76	138	149629	41.394	ng	97
63) Azobenzene	16.02	77	562708	40.327	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	130930	47.695	ng	97
66) n-Nitrosodiphenylamine	15.94	169	552112	43.112	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	257631	42.312	ng	97
68) Hexachlorobenzene	16.74	284	276698	40.814	ng	97
69) Atrazine	16.89	200	220968	40.975	ng	97
70) Pentachlorophenol	17.08	266	368808	94.279	ng	97
71) Phenanthrene	17.48	178	995439	42.030	ng	98
72) Anthracene	17.56	178	1016975	43.012	ng	99
73) Carbazole	17.83	167	948316	43.251	ng	100
74) Di-n-butylphthalate	18.39	149	1089880	41.662	ng	99
75) Fluoranthene	19.48	202	1336400	42.661	ng	99
77) Benzidine	19.66	184	597867	44.471	ng	99
78) Pyrene	19.84	202	1351916	42.186	ng	98
80) Butylbenzylphthalate	20.73	149	519847	42.736	ng	98
81) Benzo(a)anthracene	21.68	228	1407068	42.058	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	370235	28.216	ng	99
83) Chrysene	21.75	228	1351329	41.623	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	737163	42.589	ng	97
85) Di-n-octyl phthalate	22.81	149	1255436	44.356	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1790851	44.309	ng	99
88) Benzo(b)fluoranthene	23.91	252	1491313	41.850	ng	99
89) Benzo(k)fluoranthene	23.97	252	1497534	42.480	ng	100
90) Benzo(a)pyrene	24.78	252	1487424	44.242	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1509473	43.785	ng	98
92) Benzo(g,h,i)perylene	29.76	276	1487207	44.523	ng	98

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

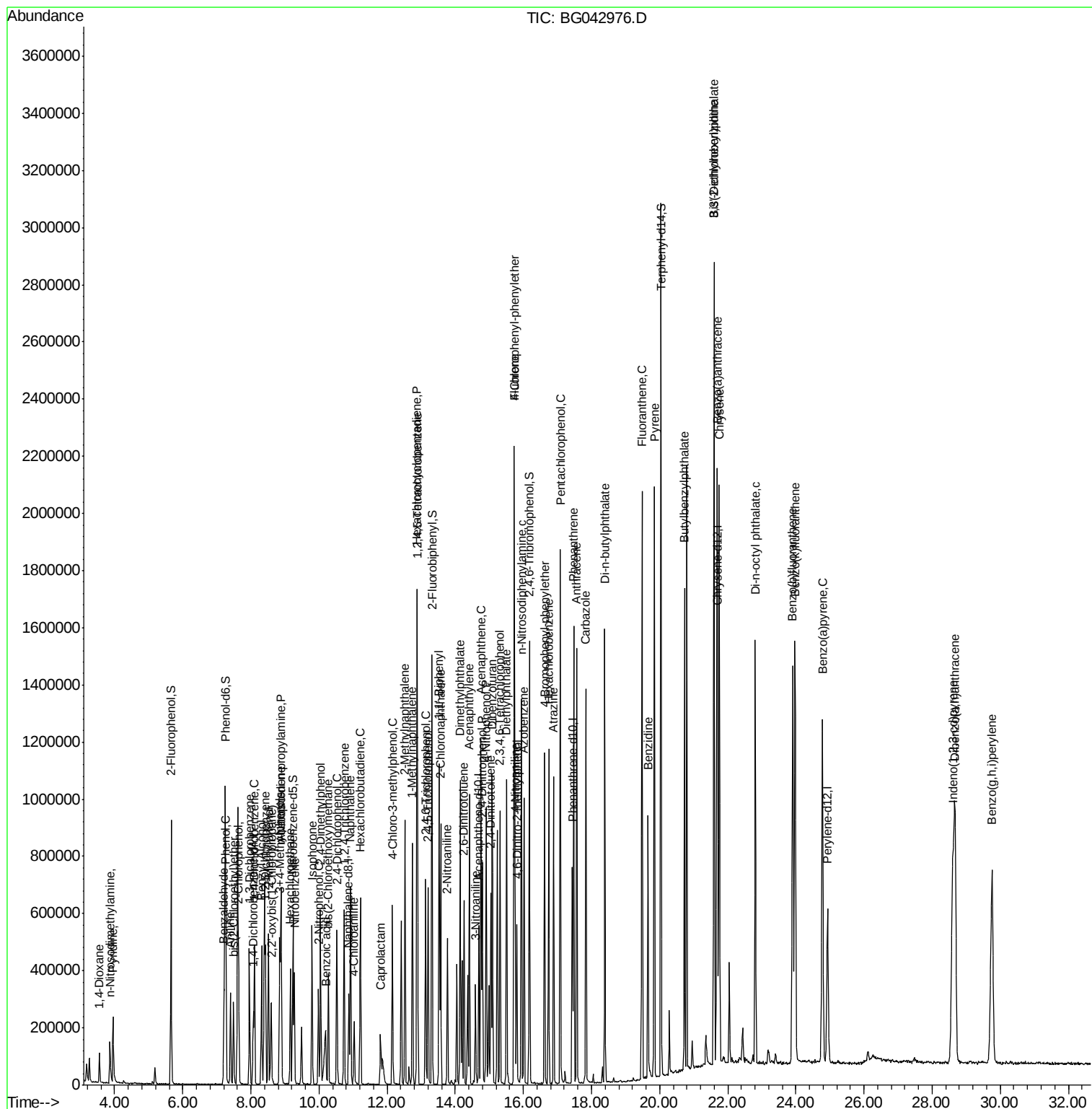
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042976.D
 Acq On : 1 Oct 2019 20:55
 Operator : JU
 Sample : K5094-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

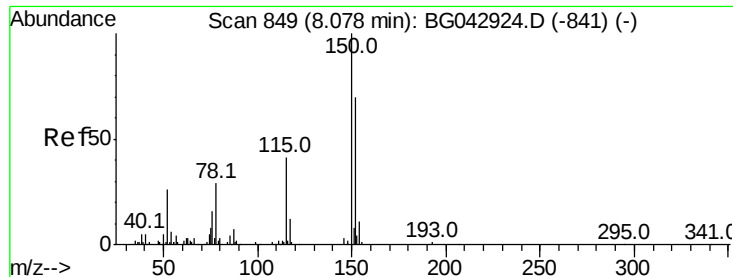
Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:26 PM

Quant Time: Oct 02 01:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration





#1

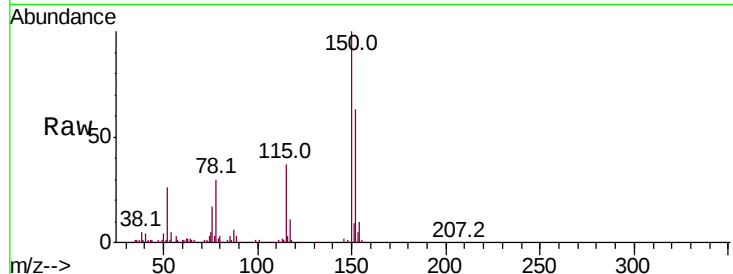
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	115.0	172.4
115	59.7	47.0	70.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM

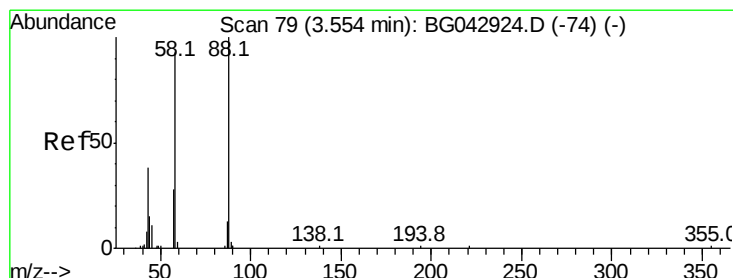
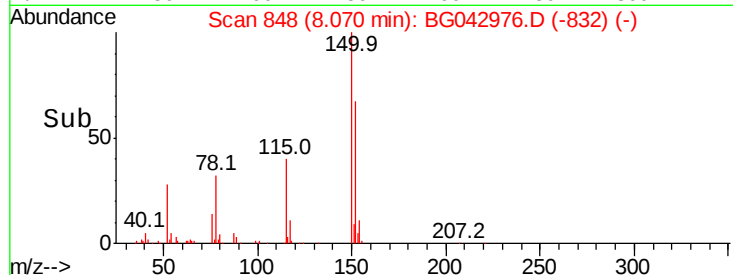
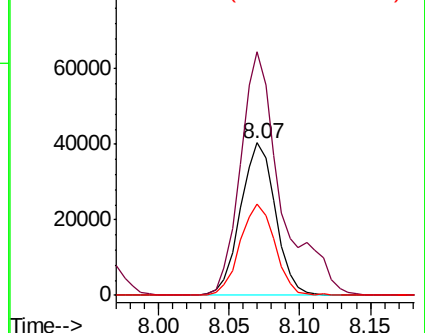


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

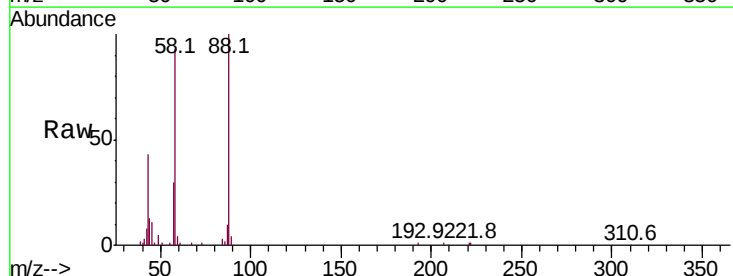
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.259 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	74.3	111.5
43	36.5	29.8	44.8

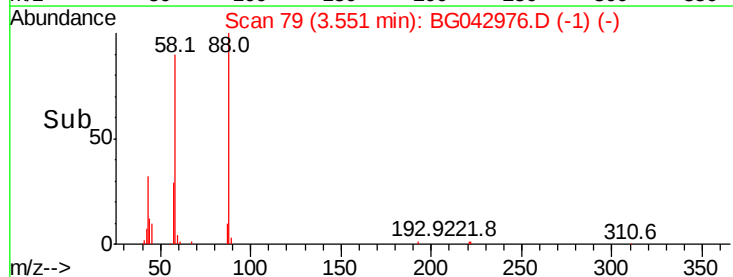
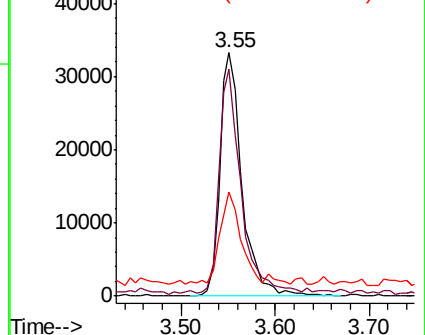


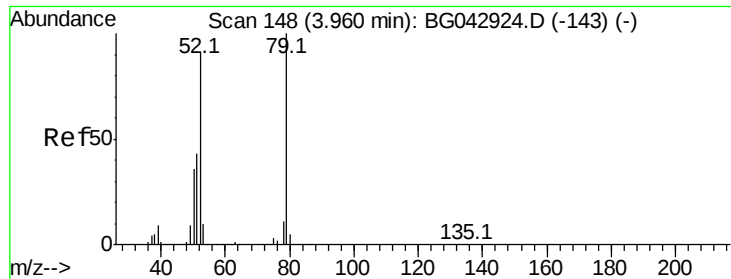
Abundance

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: 30.827 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

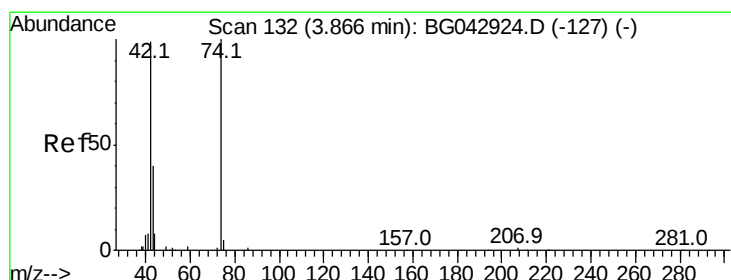
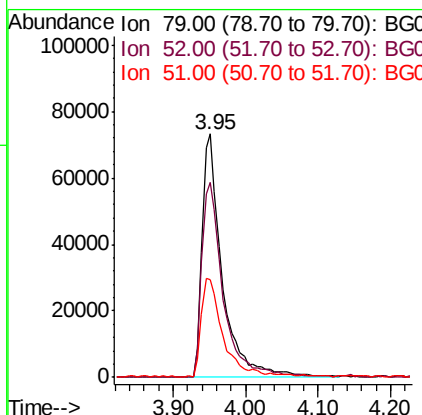
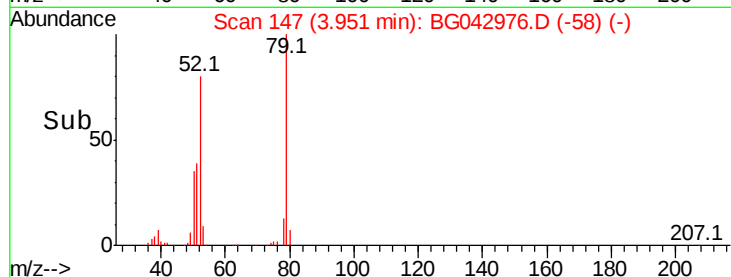
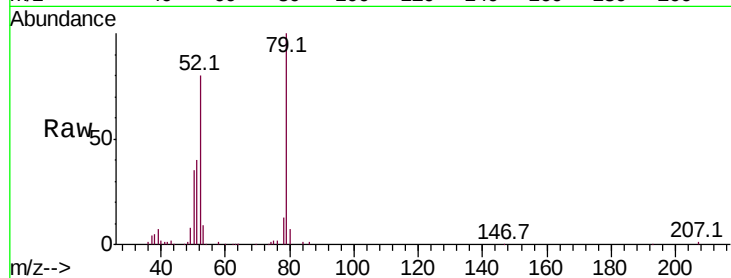
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	79	Resp:	141360
Ion Ratio	Lower	Upper	
79	100		
52	80.1	73.0	109.4
51	40.1	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#4

n-Nitrosodimethylamine

Concen: 41.404 ng

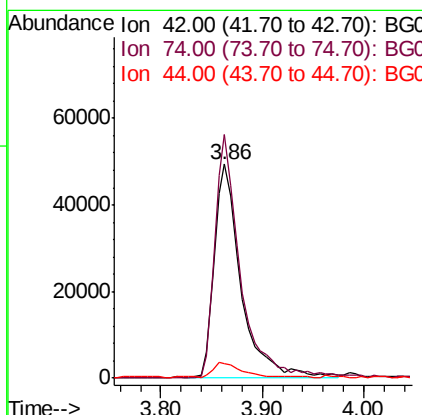
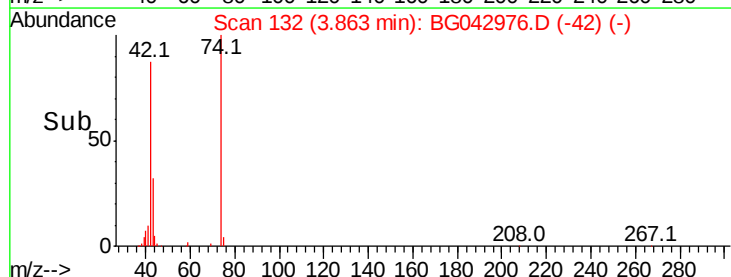
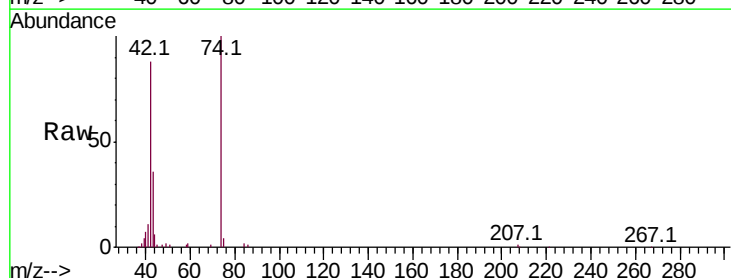
RT: 3.86 min Scan# 132

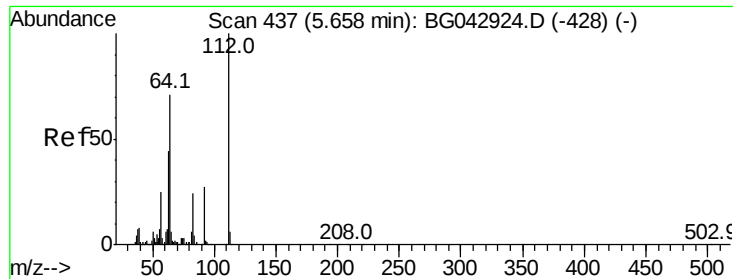
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	42	Resp:	91304
Ion Ratio	Lower	Upper	
42	100		
74	113.8	80.5	120.7
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 96.491 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

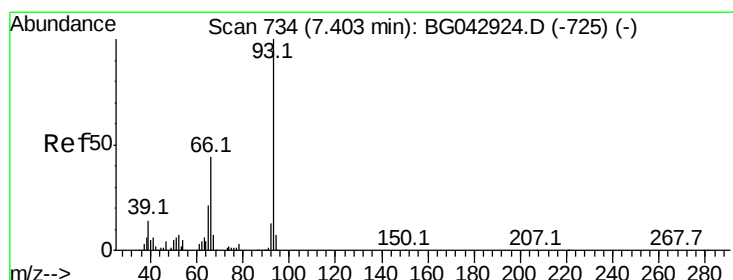
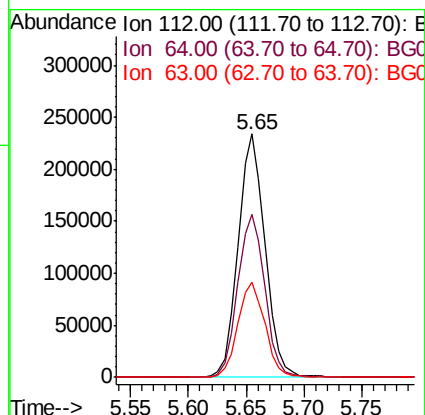
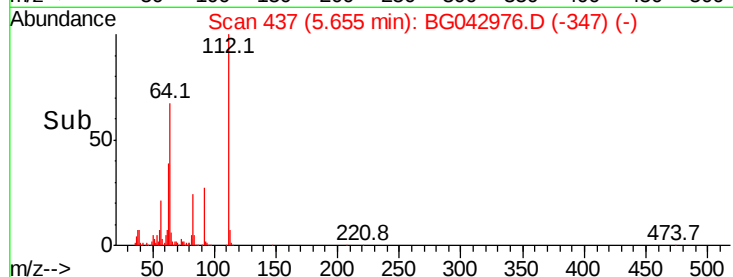
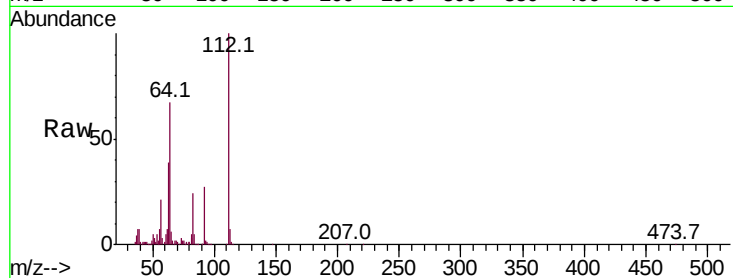
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	112	Resp:	377324
Ion Ratio	Lower	Upper	
112	100		
64	66.9	56.6	84.8
63	38.9	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#6

Aniline

Concen: 30.241 ng

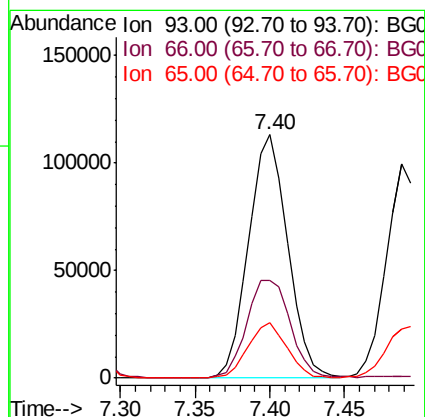
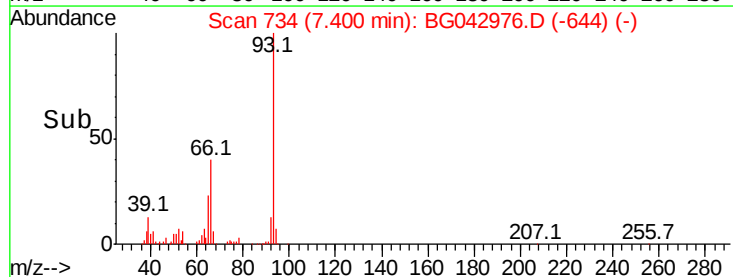
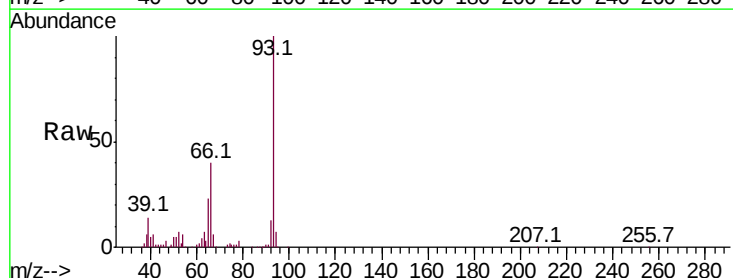
RT: 7.40 min Scan# 734

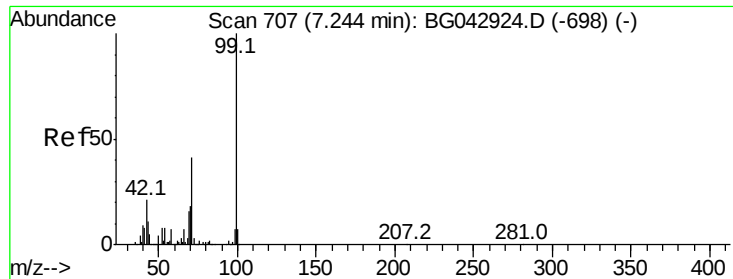
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	93	Resp:	205566
Ion Ratio	Lower	Upper	
93	100		
66	40.0	35.0	52.6
65	22.9	17.4	26.0





#7

Phenol-d6

Concen: 101.624 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

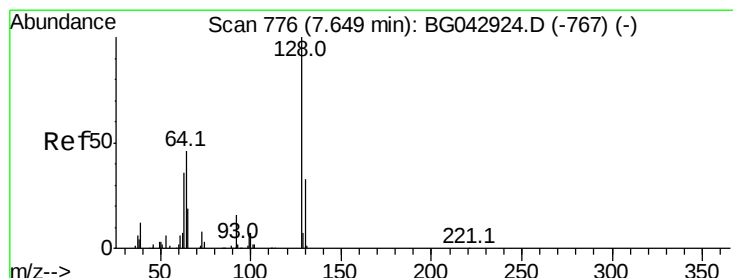
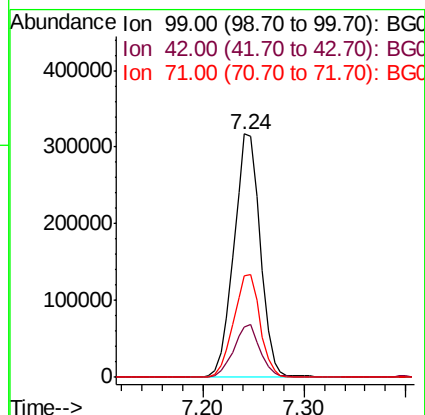
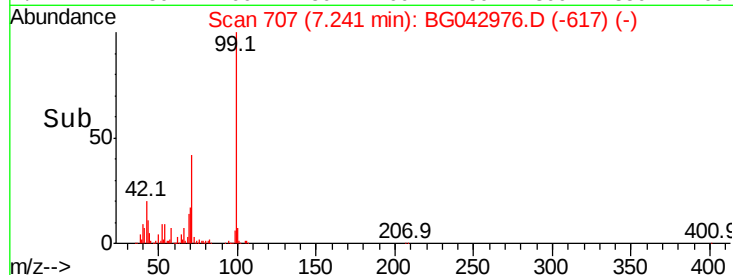
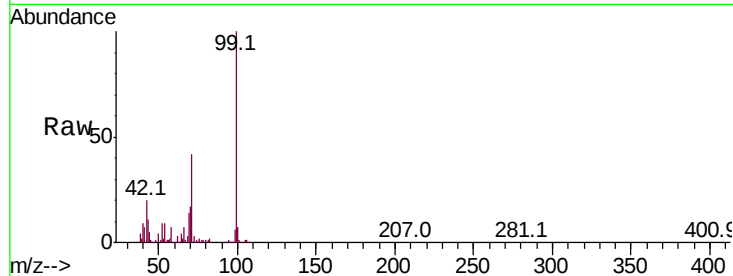
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	99	Resp:	572277
Ion Ratio	Lower	Upper	
99	100		
42	20.5	17.2	25.8
71	41.5	33.1	49.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#8

2-Chlorophenol

Concen: 43.922 ng

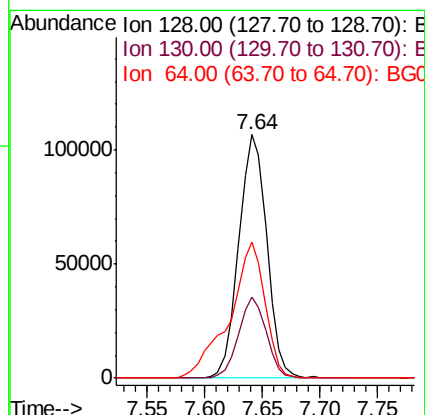
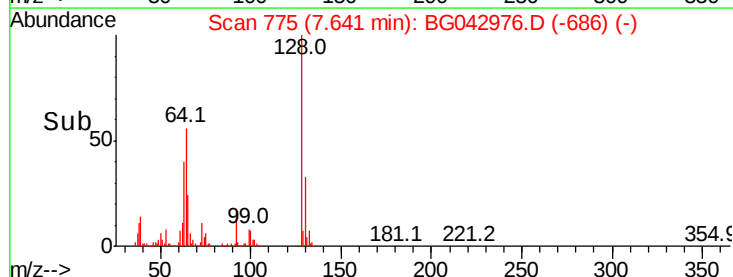
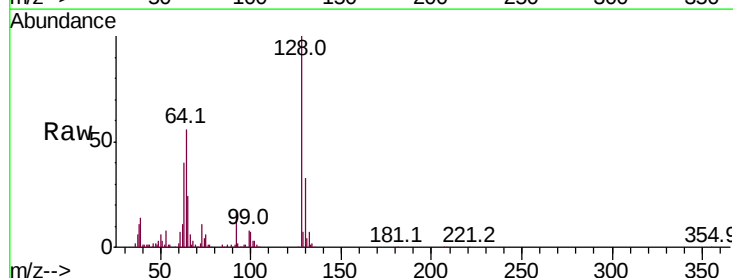
RT: 7.64 min Scan# 775

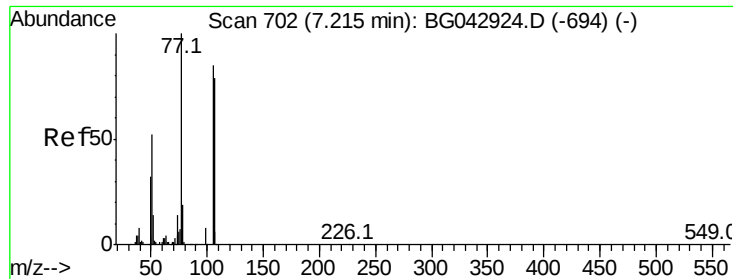
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	128	Resp:	179119
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	55.7	32.8	72.8





#9

Benzaldehyde

Concen: 34.557 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

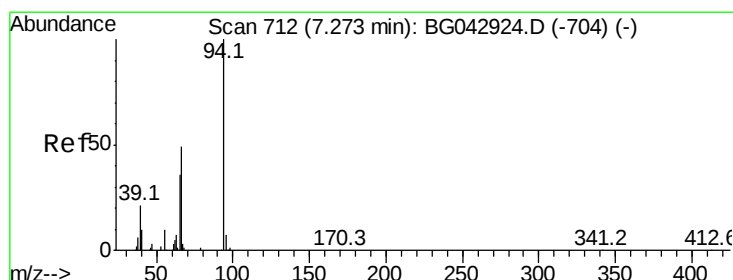
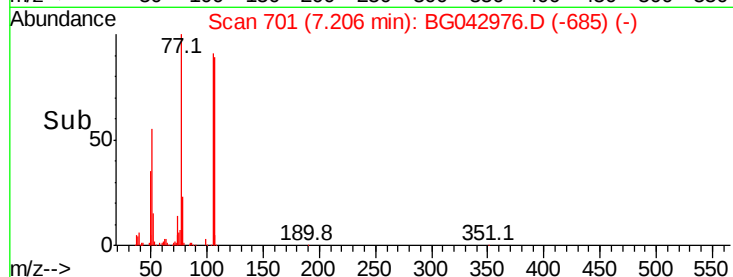
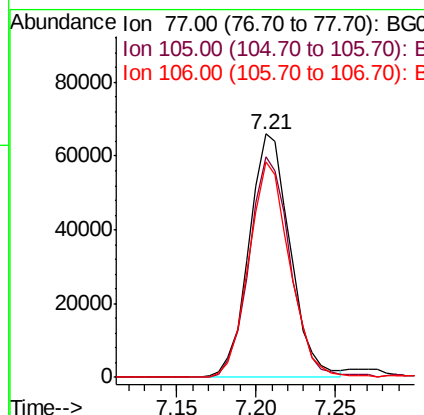
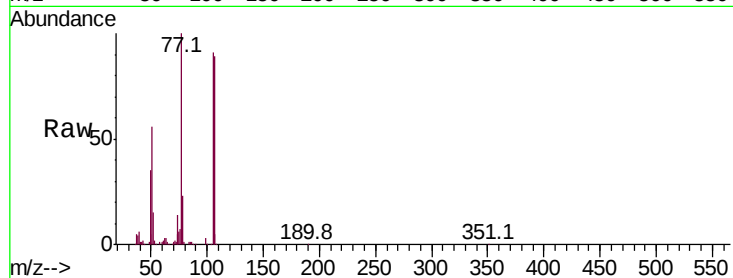
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.8	64.6	104.6
106	88.5	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#10

Phenol

Concen: 45.947 ng

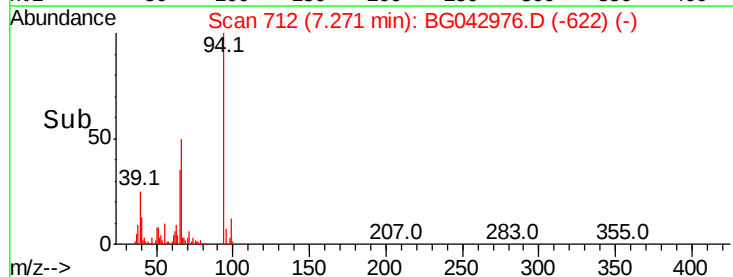
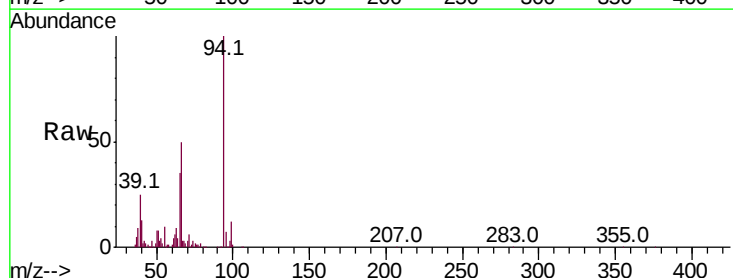
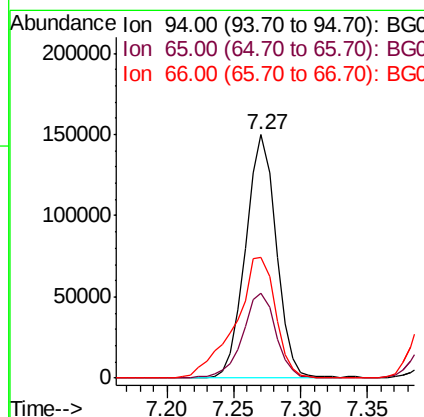
RT: 7.27 min Scan# 712

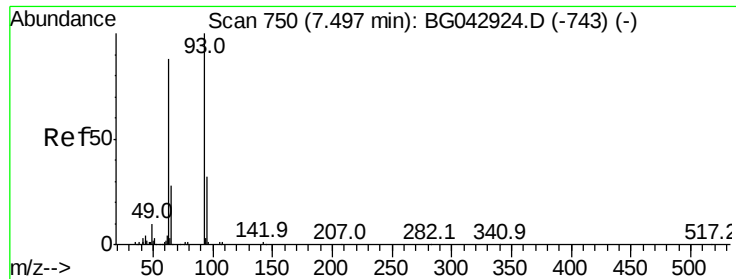
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.1	16.6	56.6
66	49.7	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 39.356 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

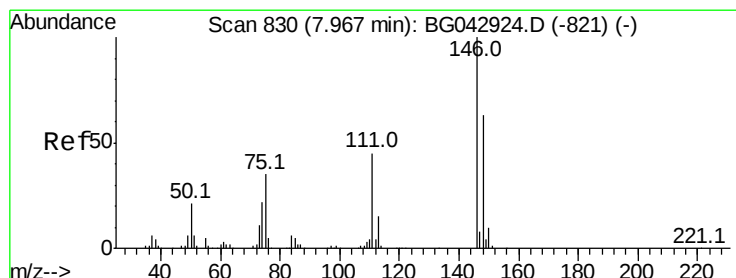
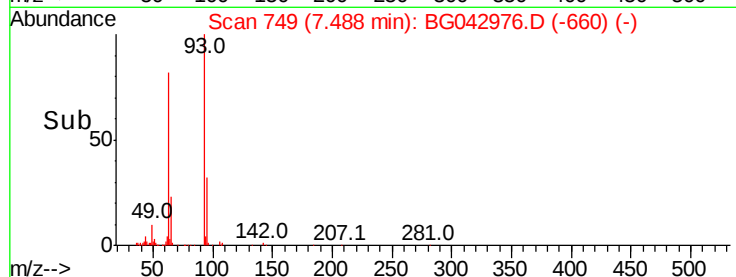
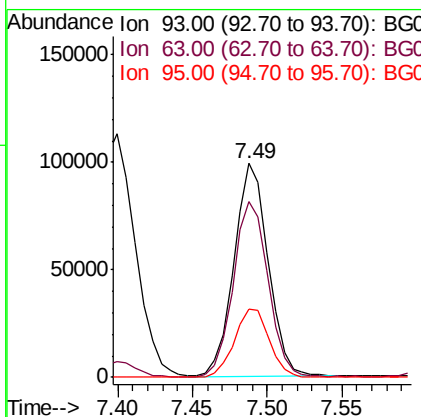
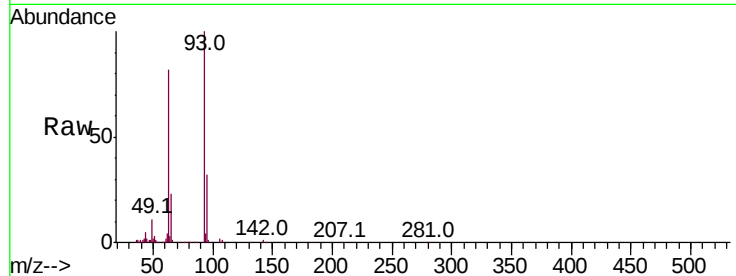
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	93	Resp:	157324
Ion Ratio	Lower	Upper	
93	100		
63	82.2	67.4	107.4
95	31.9	11.9	51.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#12

1,3-Dichlorobenzene

Concen: 37.525 ng

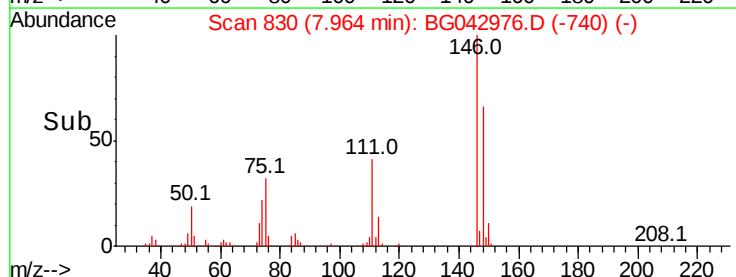
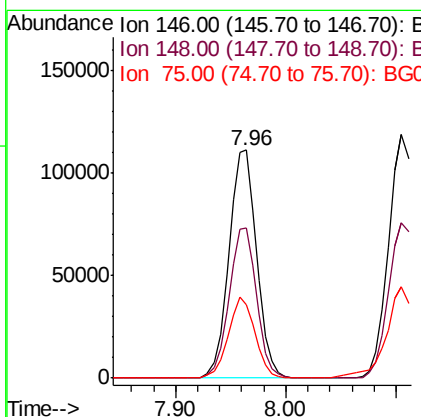
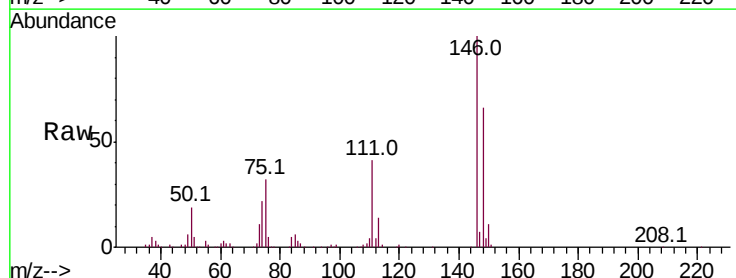
RT: 7.96 min Scan# 830

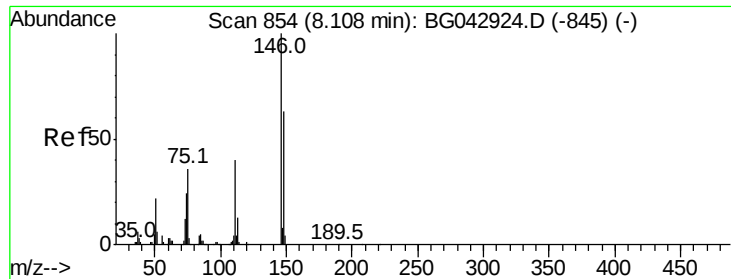
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	146	Resp:	195217
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.7	76.1
75	32.5	27.7	41.5





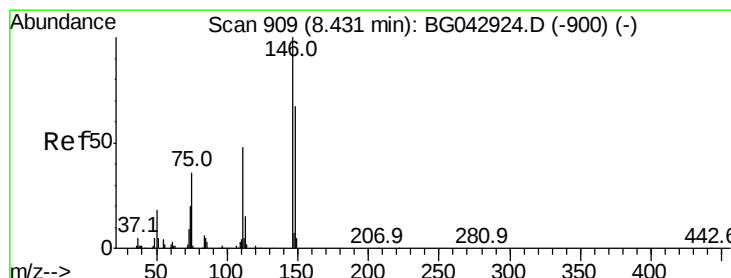
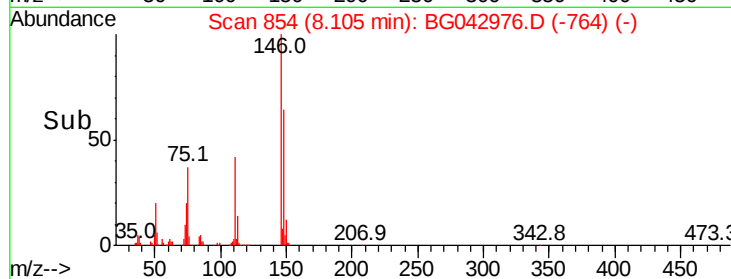
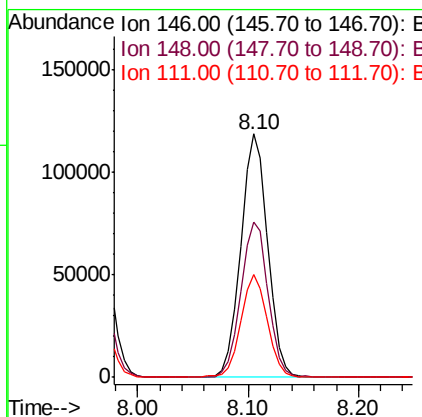
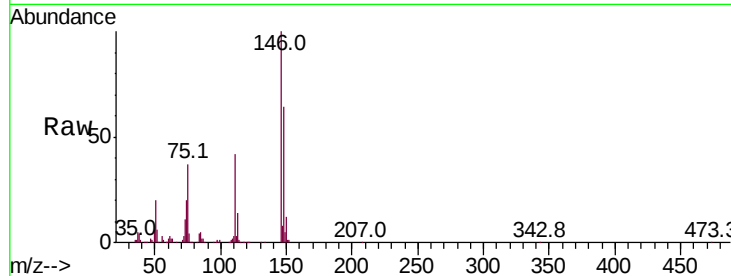
#13
 1,4-Dichlorobenzene
 Concen: 39.115 ng
 RT: 8.10 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.9	50.9	76.3	
111	42.4	31.8	47.8	

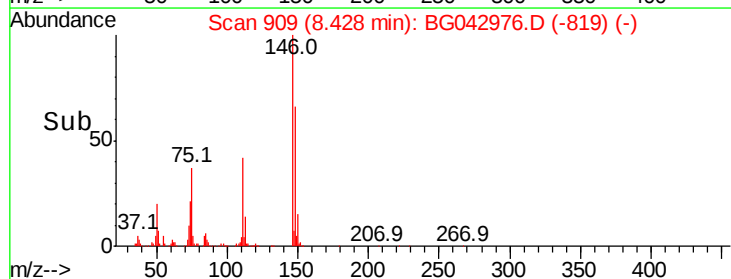
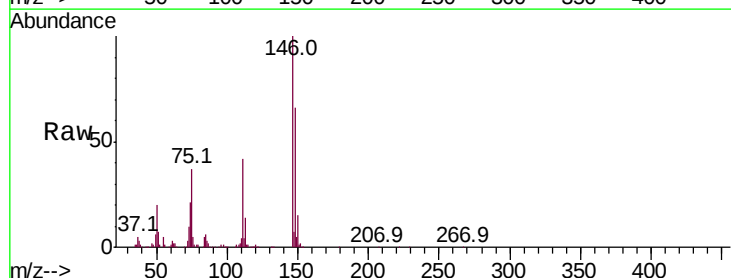
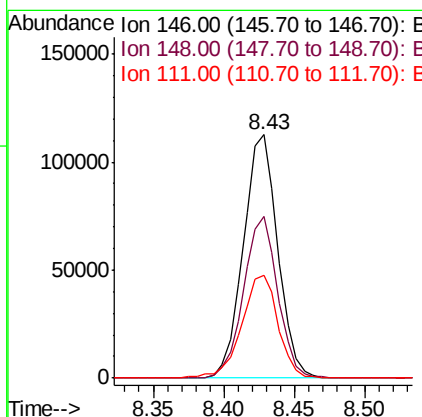
Manual Integrations
 APPROVED

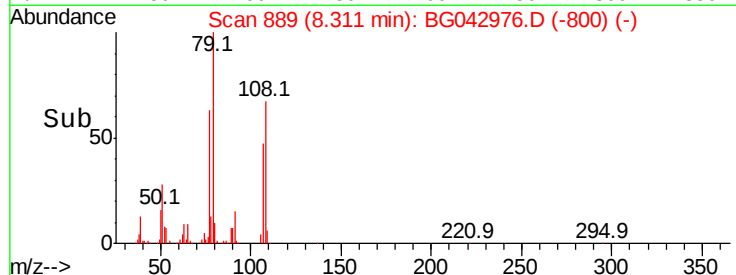
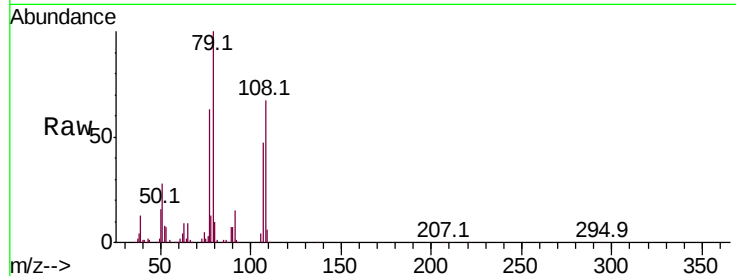
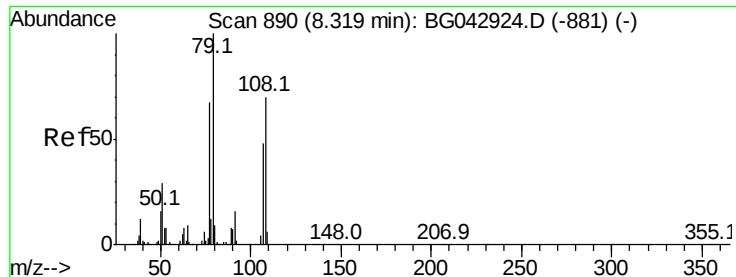
mohammad
 10/2/2019 4:00:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.955 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.4	53.4	80.2	
111	42.0	38.5	57.7	





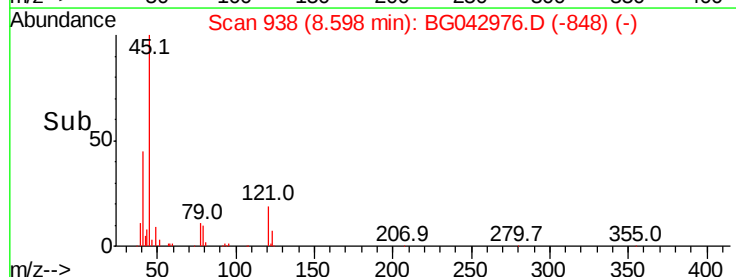
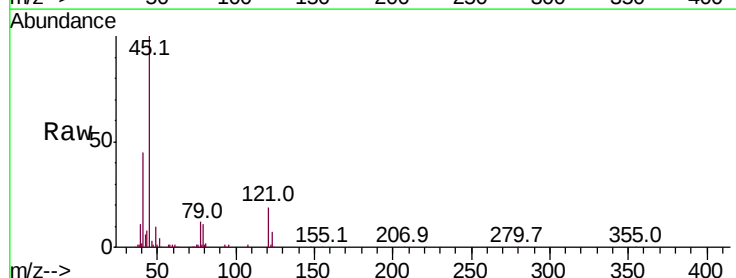
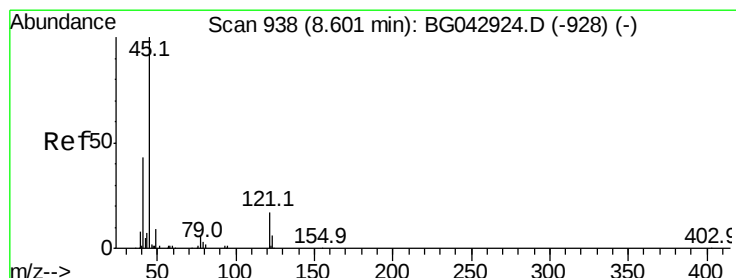
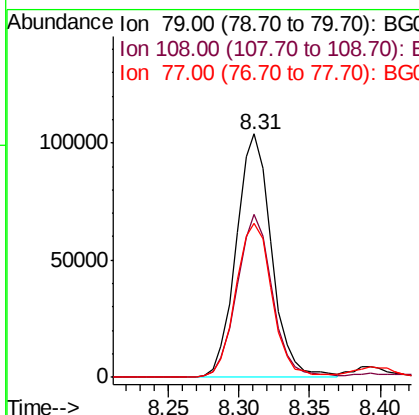
#15
Benzyl Alcohol
Concen: 42.823 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.7	55.7	83.5
77	63.2	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

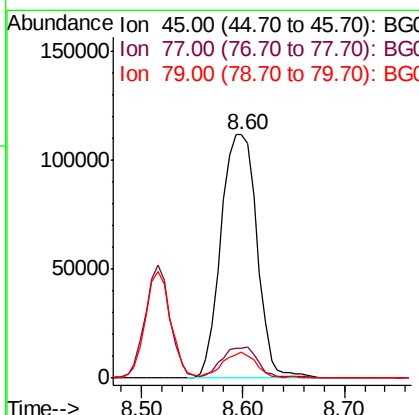
Manual Integrations
APPROVED

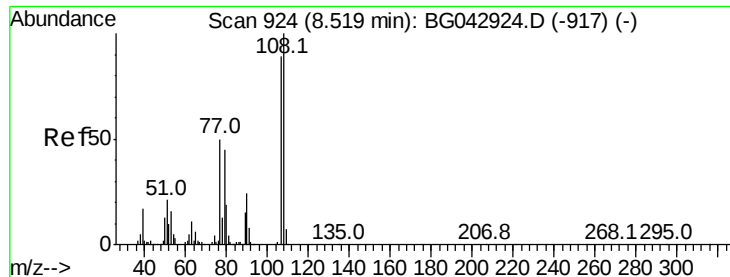
mohammad
10/2/2019 4:00:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.793 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.8
79	10.7	0.0	29.4





#17

2-Methylphenol

Concen: 43.312 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

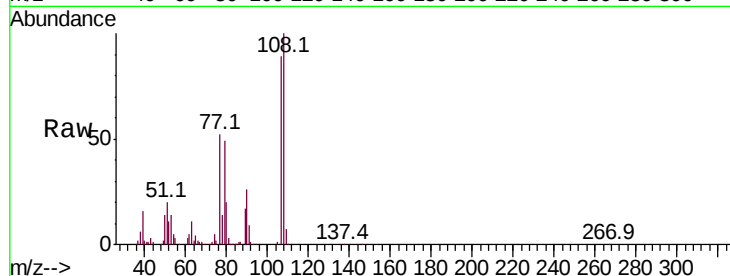
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	107	Resp:	156576
Ion Ratio	Lower	Upper	
107	100		
108	111.8	89.9	134.9
77	58.7	45.4	68.2
79	54.9	41.4	62.0

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



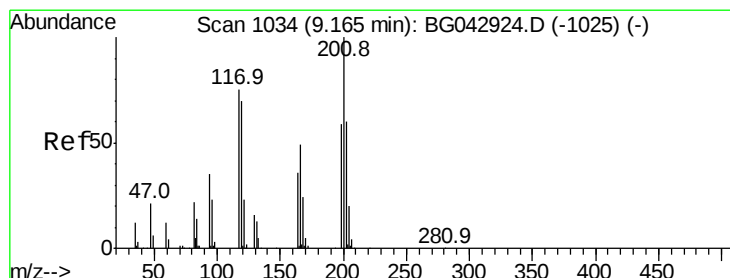
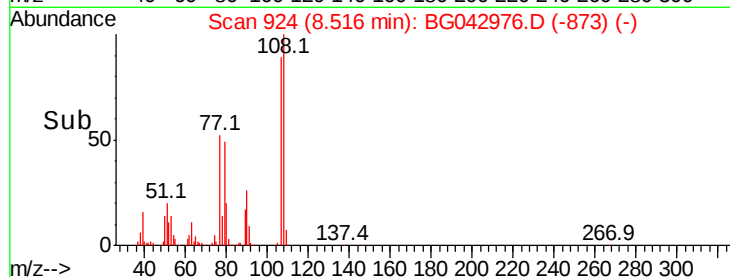
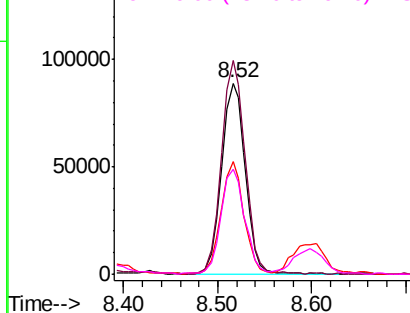
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.403 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

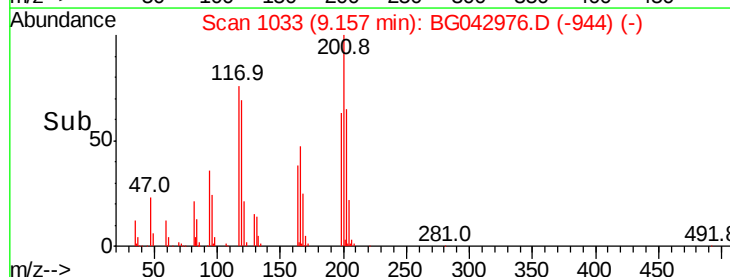
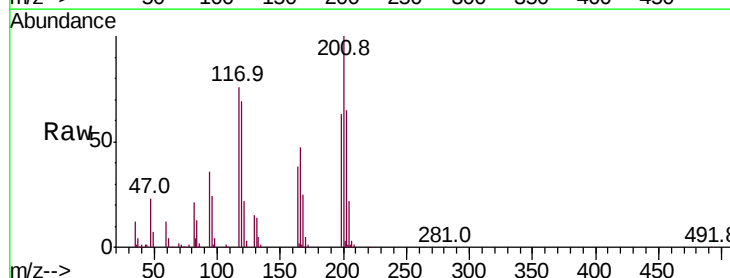
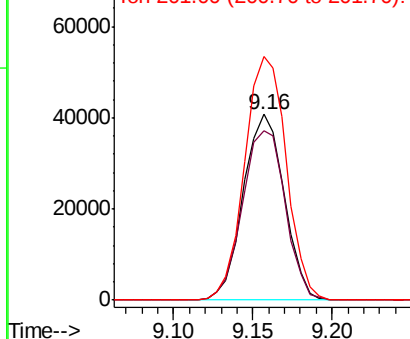
Tgt Ion:	117	Resp:	73055
Ion Ratio	Lower	Upper	
117	100		
119	91.0	74.6	111.8
201	131.1	106.0	159.0

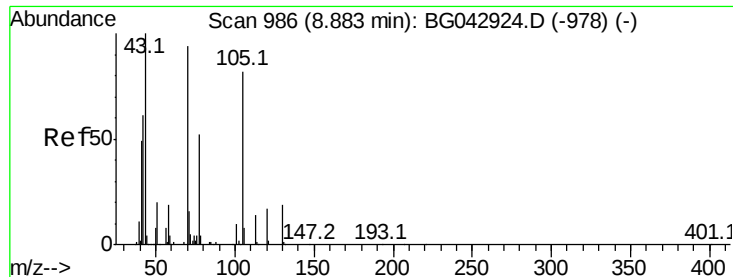
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





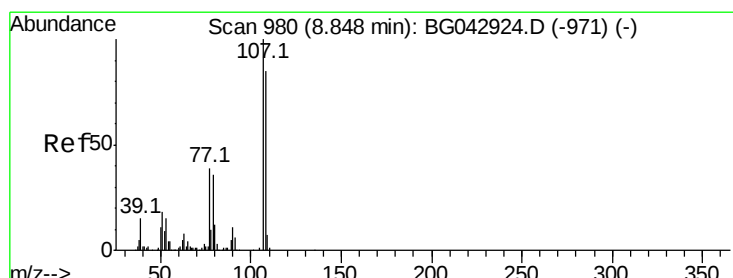
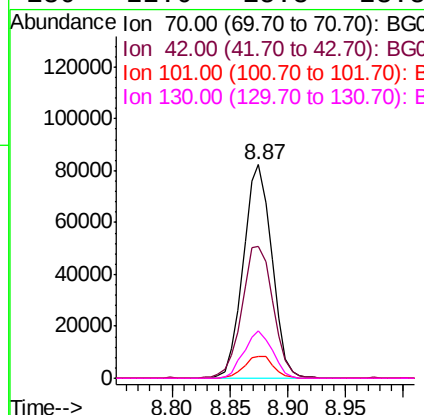
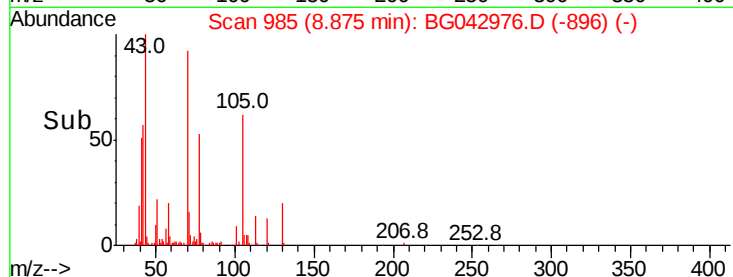
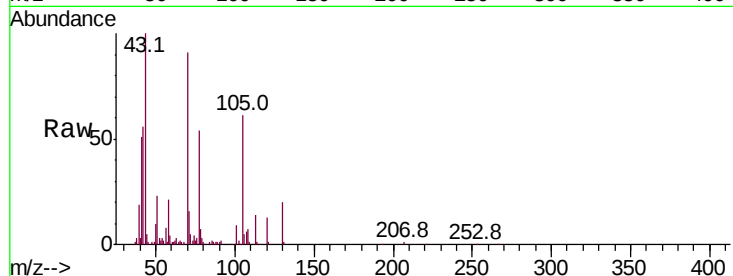
#19
n-Nitroso-di-n-propylamine
Concen: 38.335 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		141750		
42	62.0	52.6	79.0		
101	10.0	8.7	13.1		
130	22.0	15.8	23.8		

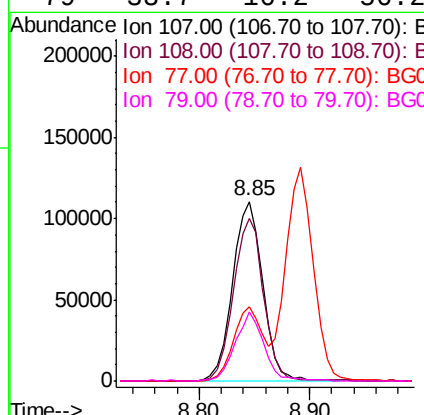
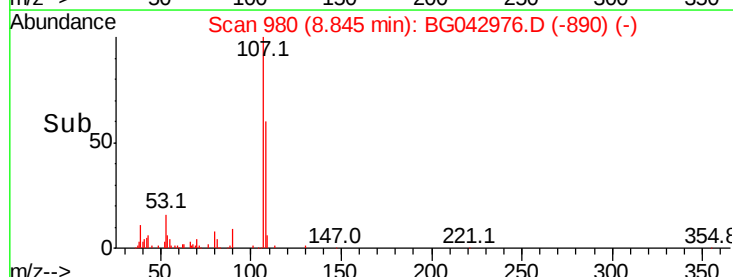
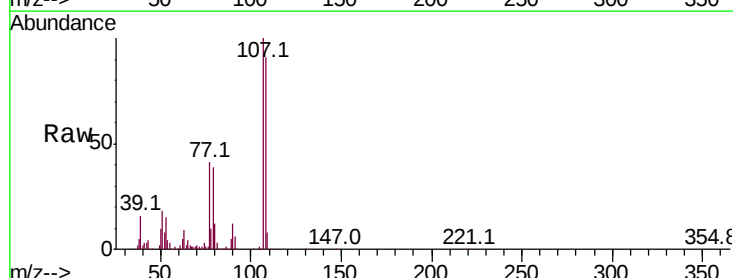
Manual Integrations
APPROVED

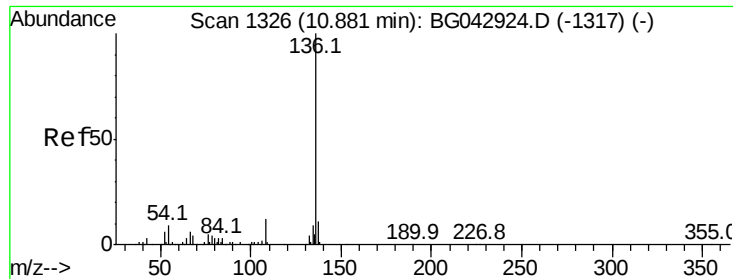
mohammad
10/2/2019 4:00:26 PM



#20
3+4-Methylphenols
Concen: 42.684 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		211461		
108	90.8	64.9	104.9		
77	41.2	19.4	59.4		
79	38.7	16.2	56.2		





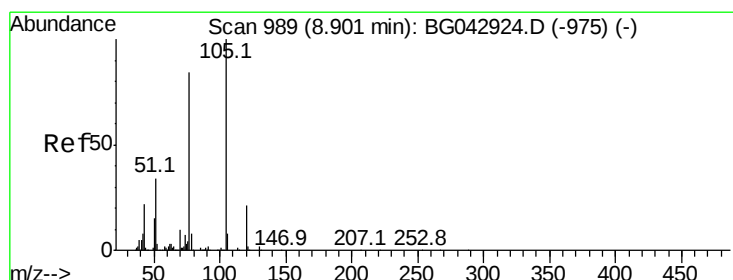
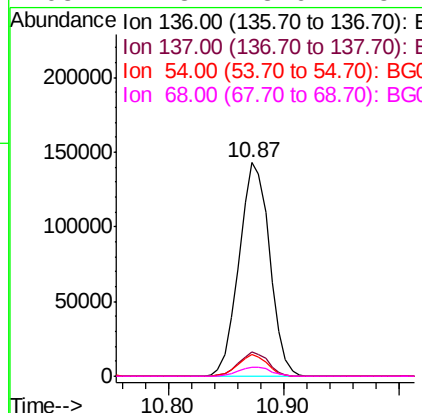
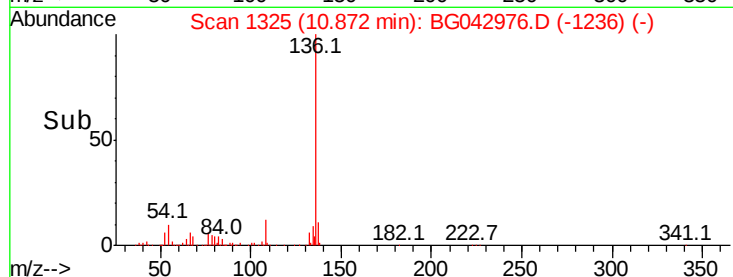
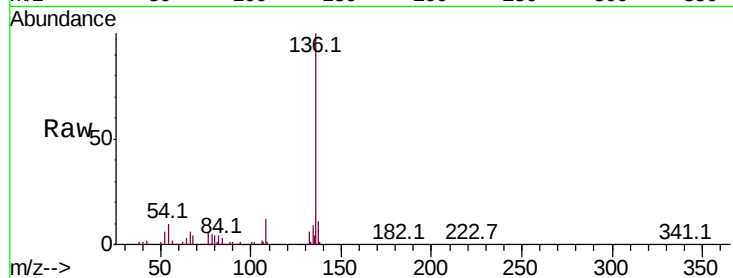
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	10.4	7.4	11.2	
68	4.3	3.6	5.4	

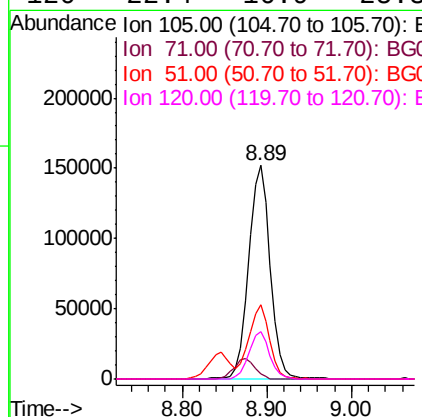
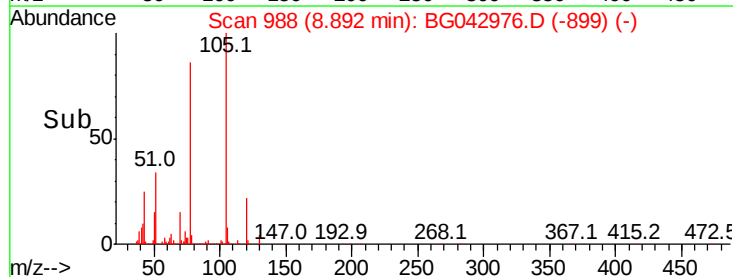
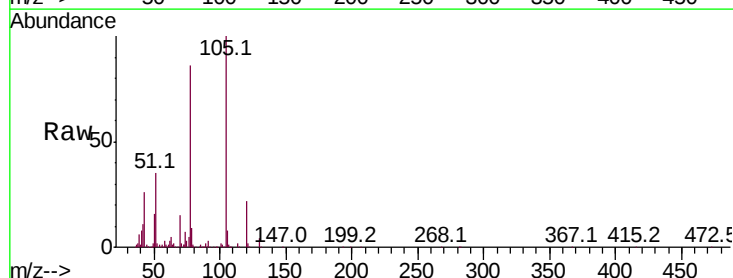
Manual Integrations
APPROVED

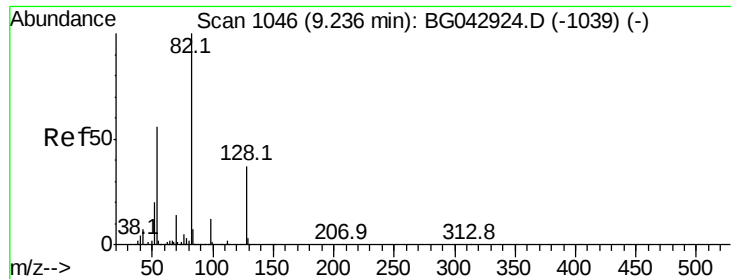
mohammad
10/2/2019 4:00:26 PM



#22
Acetophenone
Concen: 39.769 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	1.2	1.8#	
51	34.5	27.2	40.8	
120	22.4	16.9	25.3	





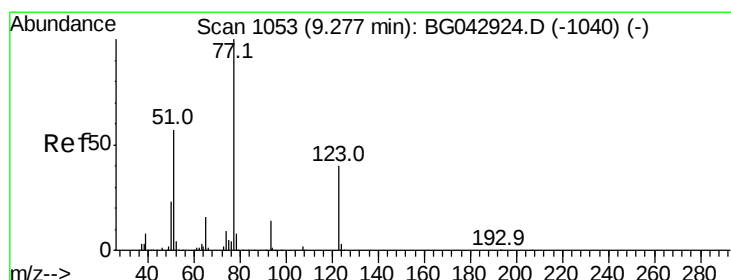
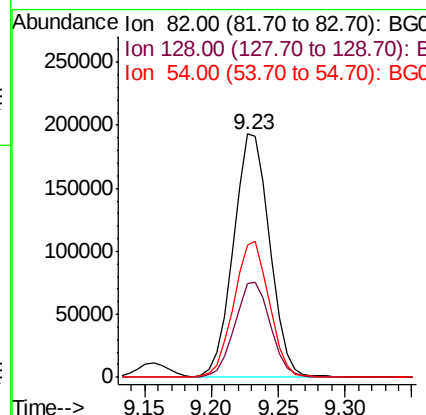
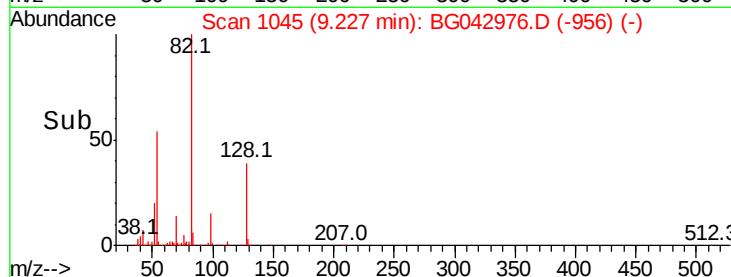
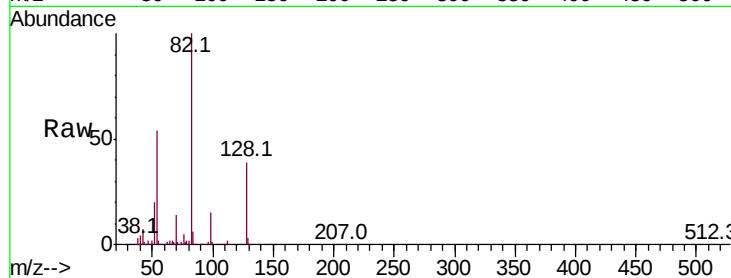
#23
Nitrobenzene-d5
Concen: 67.105 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.5	44.3
54	54.2	44.6	67.0

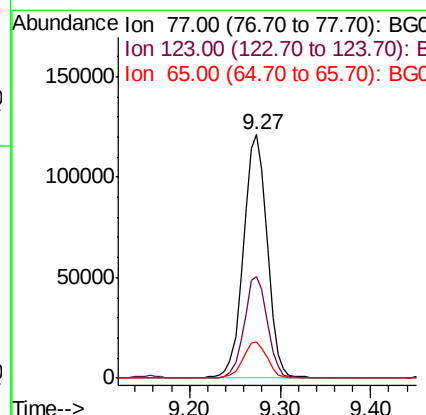
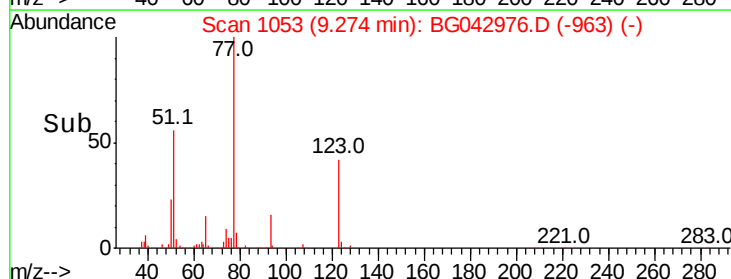
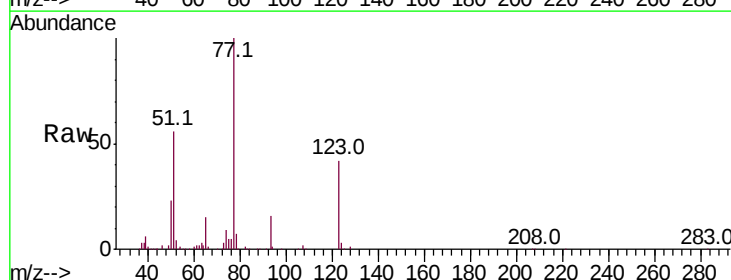
Manual Integrations
APPROVED

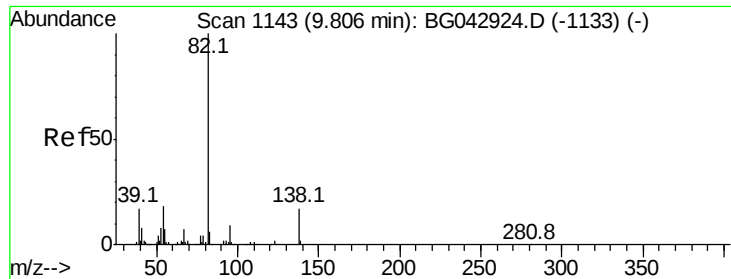
mohammad
10/2/2019 4:00:26 PM



#24
Nitrobenzene
Concen: 42.379 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	31.9	47.9
65	15.1	12.4	18.6





#25

Isophorone

Concen: 42.700 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

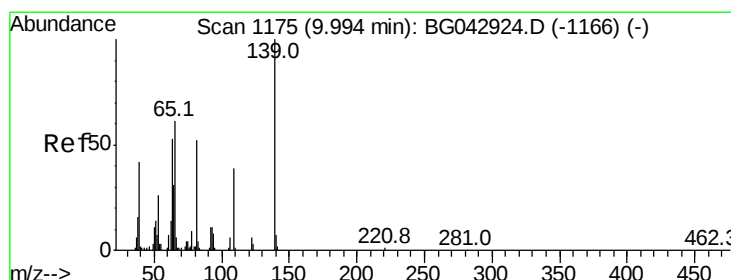
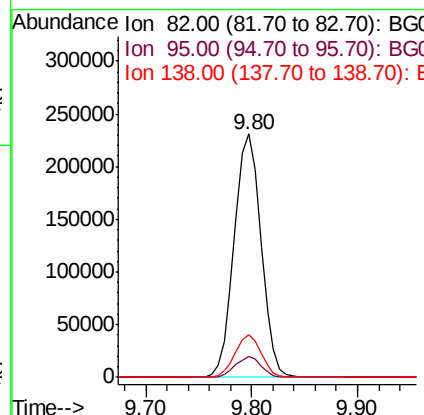
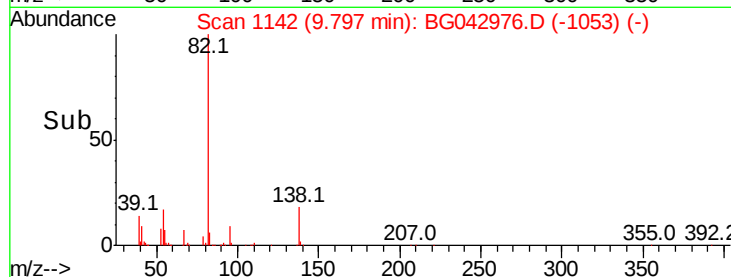
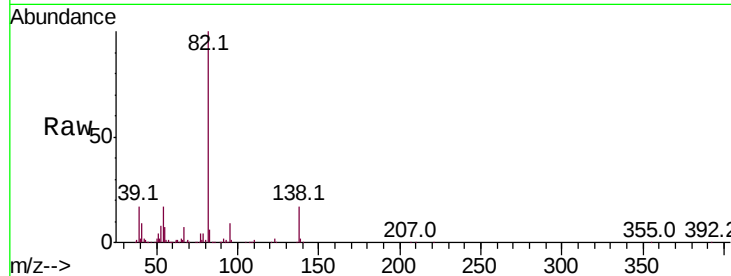
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	82	Resp:	405952
Ion Ratio		Lower	Upper
82	100		
95	8.5	7.0	10.4
138	17.4	13.8	20.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#26

2-Nitrophenol

Concen: 47.758 ng

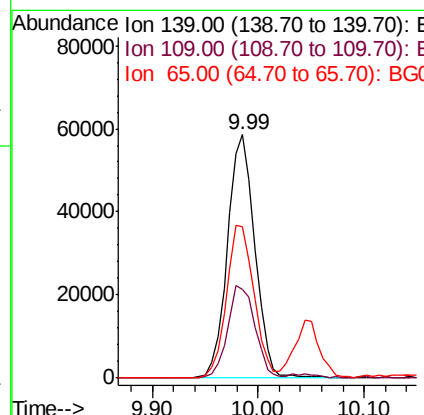
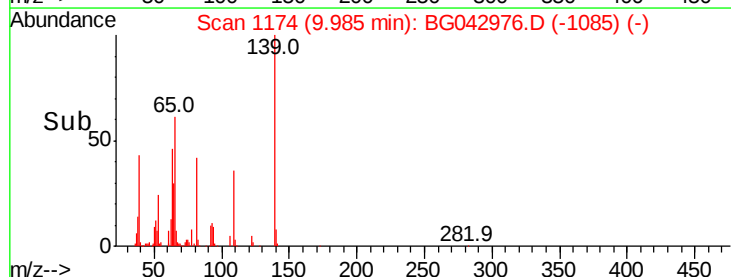
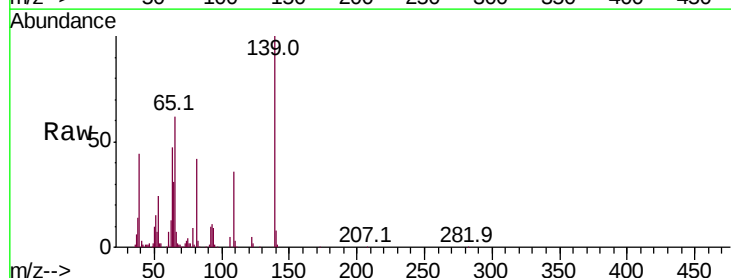
RT: 9.99 min Scan# 1174

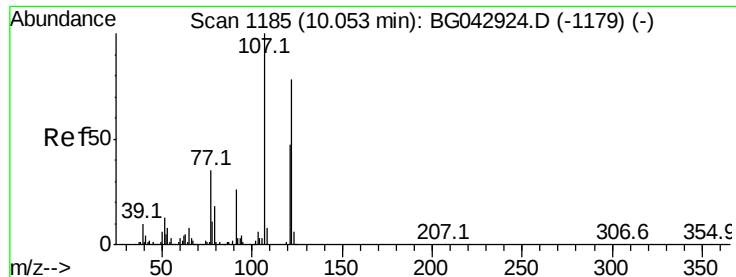
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	139	Resp:	104958
Ion Ratio		Lower	Upper
139	100		
109	36.5	31.0	46.6
65	62.0	48.4	72.6





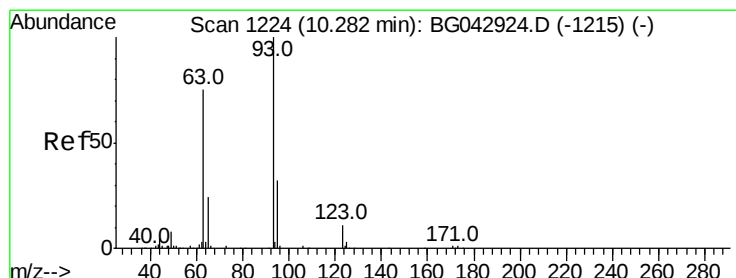
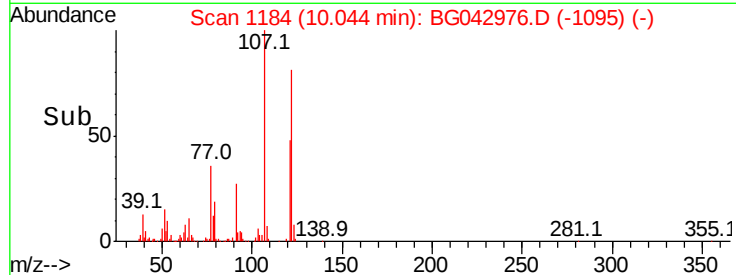
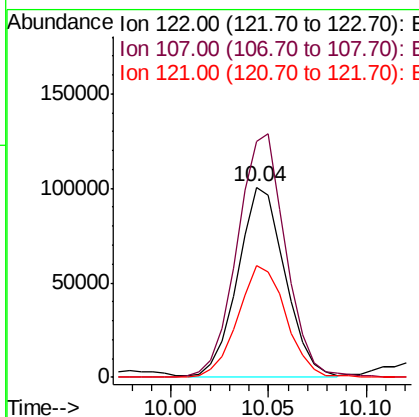
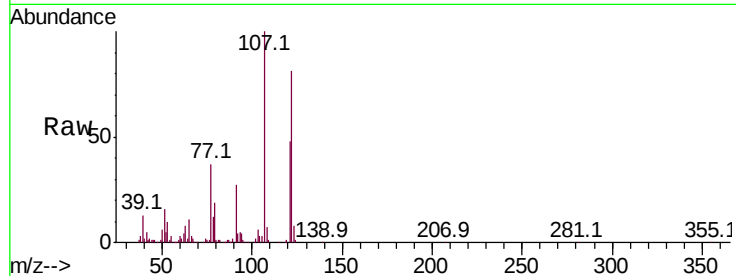
#27
2,4-Dimethylphenol
Concen: 50.325 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	169852		
107	123.8	102.2	153.2	
121	58.9	48.5	72.7	

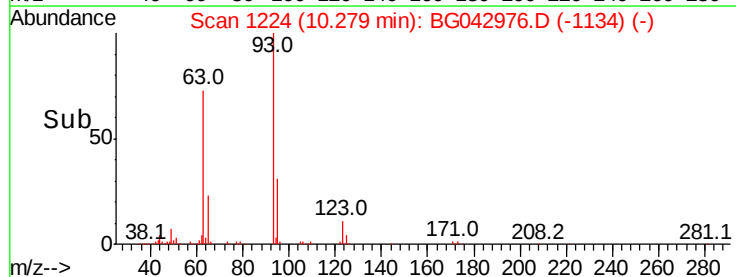
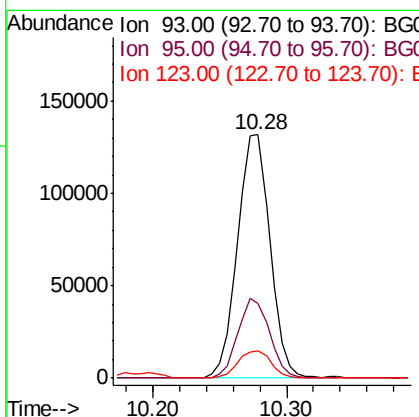
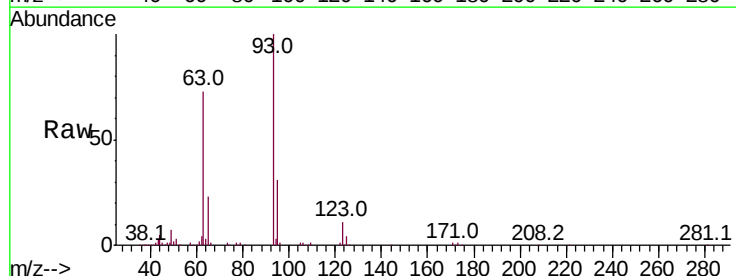
Manual Integrations
APPROVED

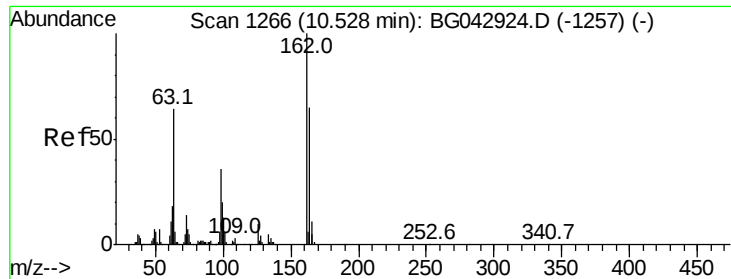
mohammad
10/2/2019 4:00:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.359 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223089		
95	30.6	25.4	38.0	
123	11.3	9.3	13.9	





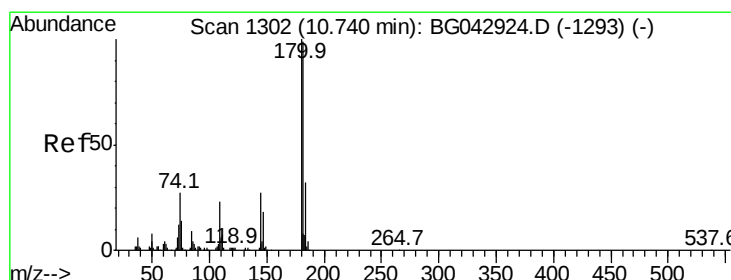
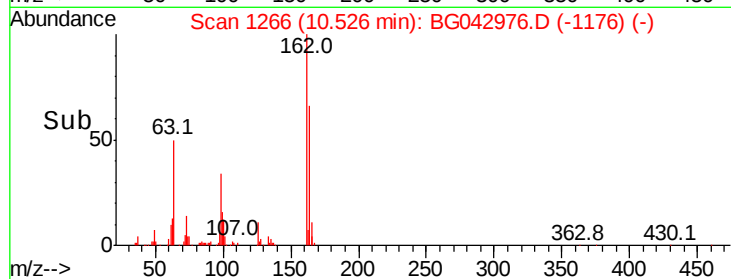
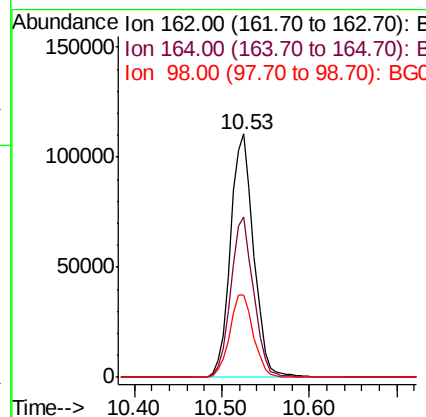
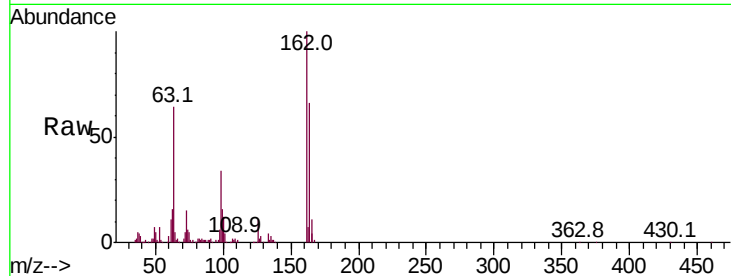
#29
 2,4-Dichlorophenol
 Concen: 47.766 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Tot Ion:	162	Resp:	200502
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.7	84.7
98	33.9	16.0	56.0

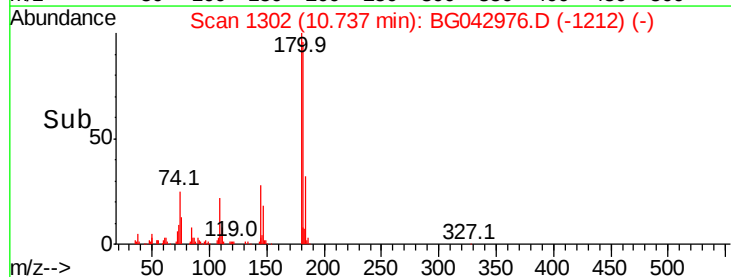
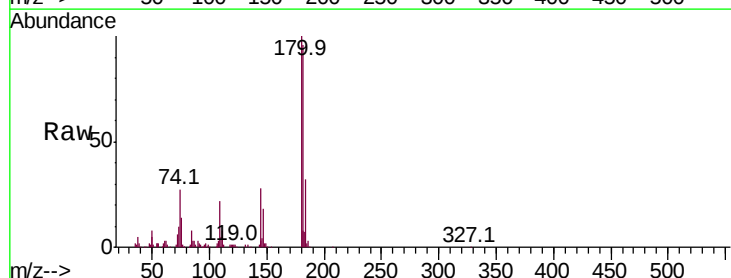
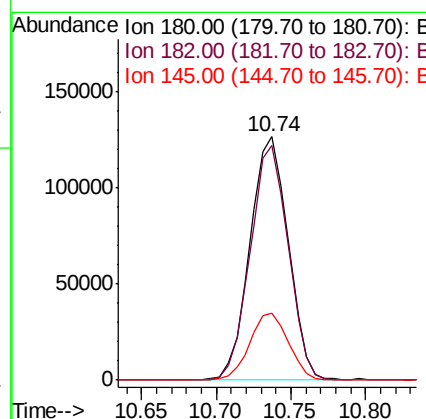
Manual Integrations
 APPROVED

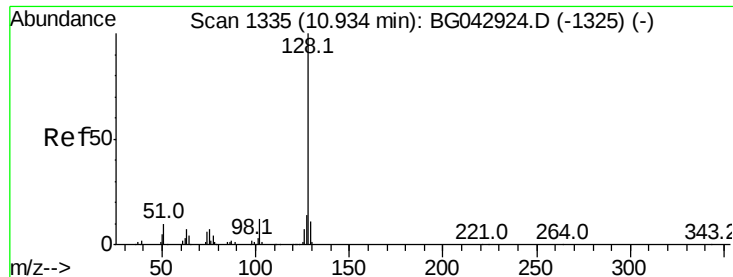
mohammad
 10/2/2019 4:00:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.411 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Tgt Ion:	180	Resp:	224473
Ion Ratio	Lower	Upper	
180	100		
182	96.2	79.3	118.9
145	27.8	22.0	33.0





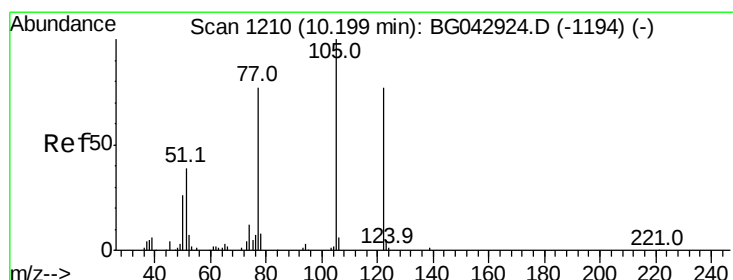
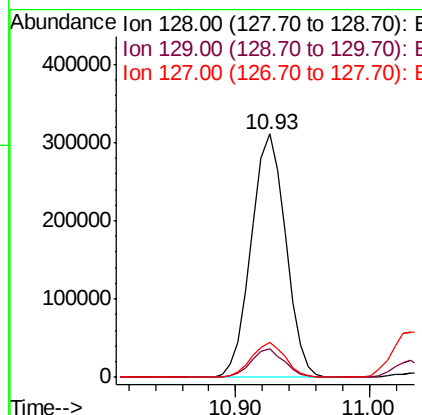
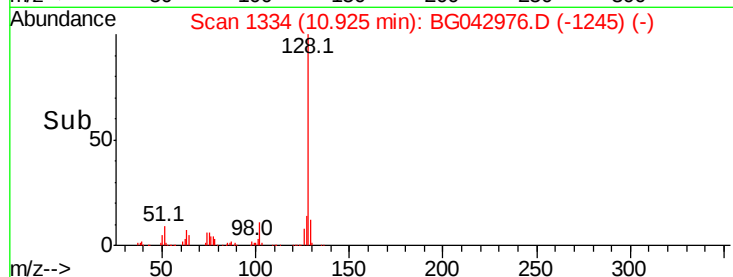
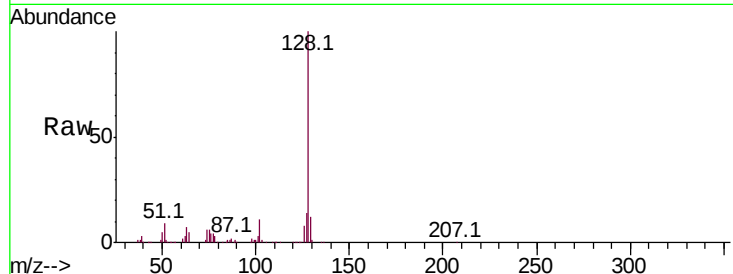
#31
Naphthalene
Concen: 42.780 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	8.8	13.2	
127	14.1	11.3	16.9	

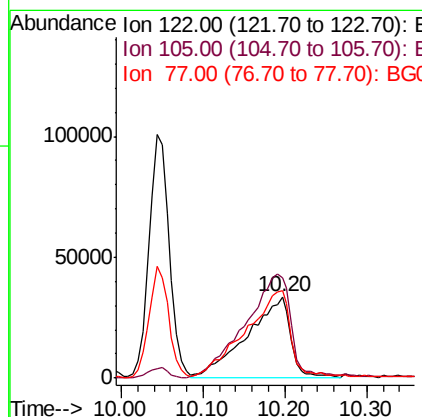
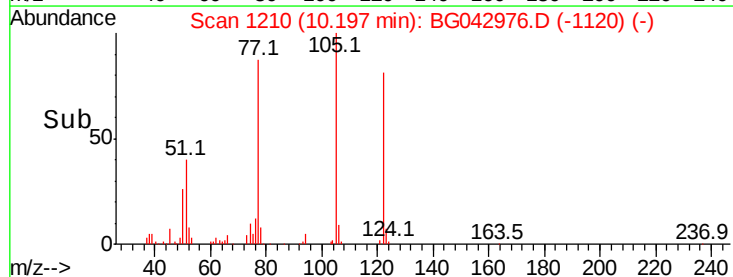
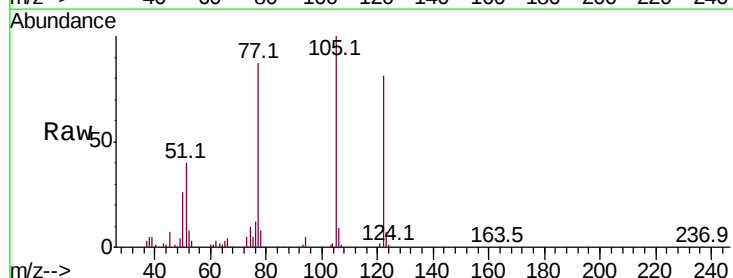
Manual Integrations
APPROVED

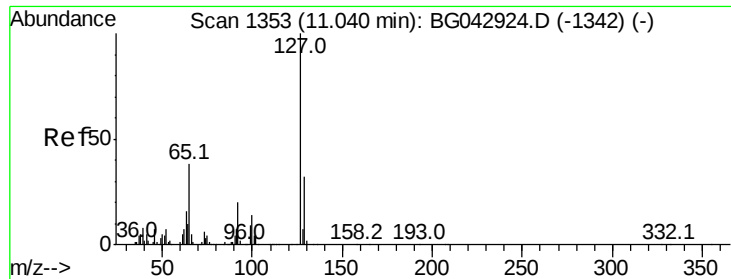
mohammad
10/2/2019 4:00:26 PM



#32
Benzoic acid
Concen: 48.047 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.7	107.5	147.5	
77	106.8	79.8	119.8	





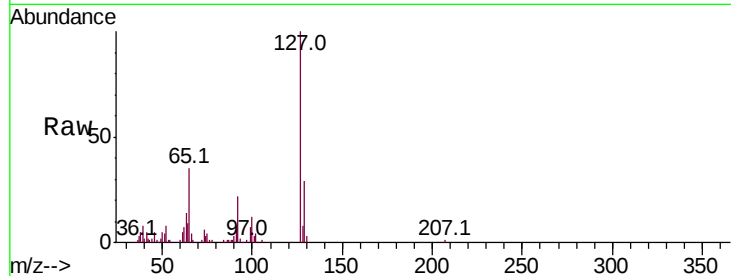
#33
4-Chloroaniline
Concen: 21.392 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.2	39.2
65	34.5	30.6	45.8
92	22.1	16.2	24.4

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



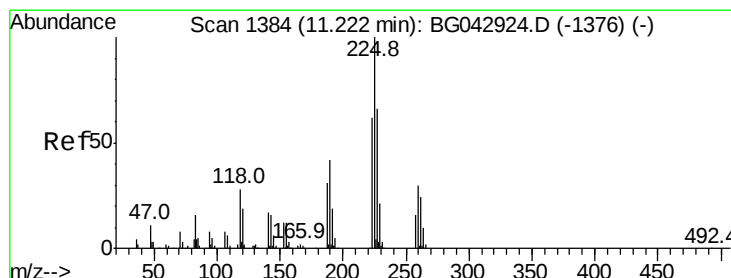
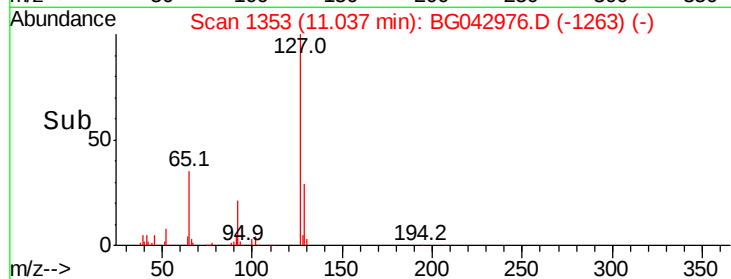
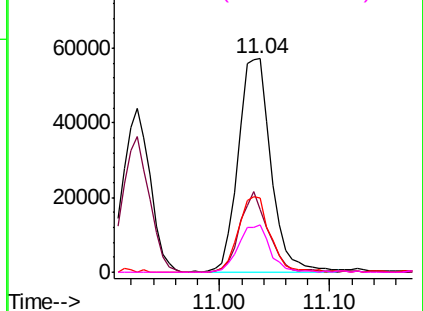
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.369 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

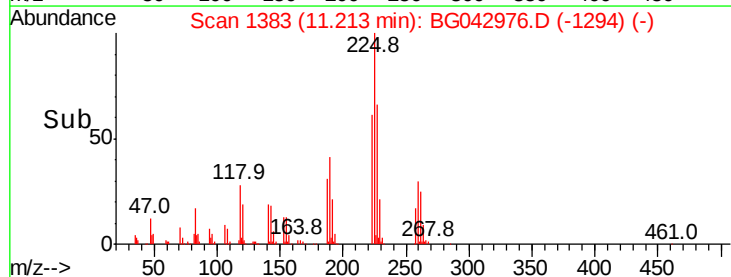
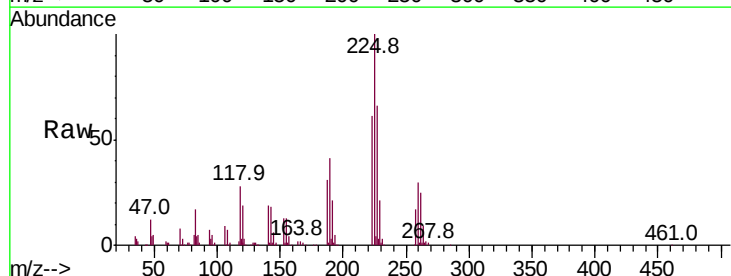
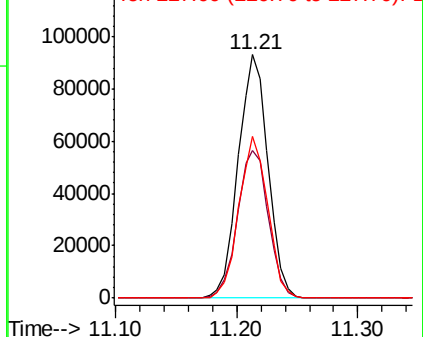
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.3	73.9
227	66.2	52.8	79.2

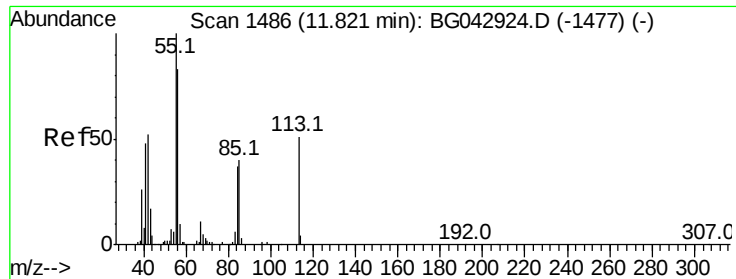
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.691 ng/ml

RT: 11.81 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

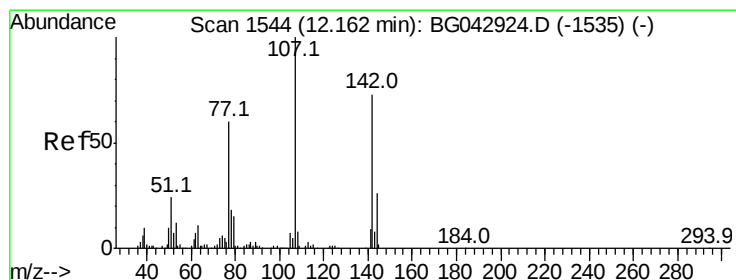
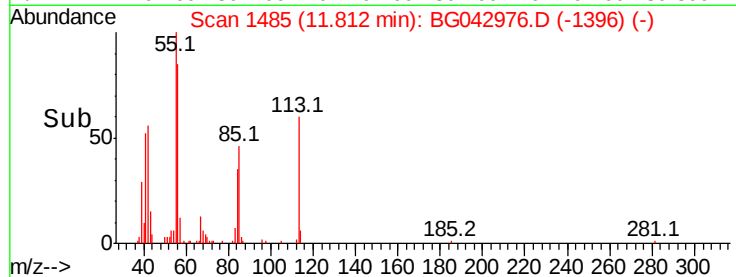
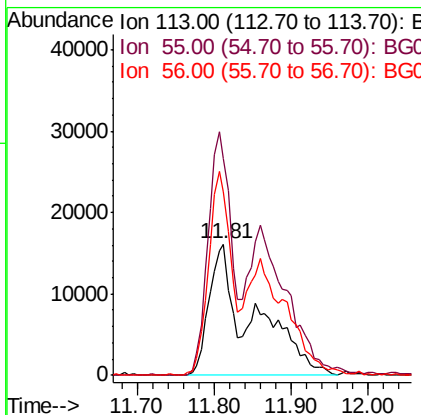
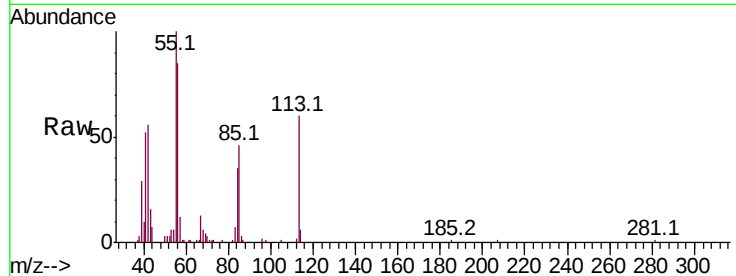
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	113	Resp:	63194
Ion Ratio	Lower	Upper	
113	100		
55	165.5	175.5	215.5#
56	140.2	142.3	182.3#

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#36

4-Chloro-3-methylphenol

Concen: 47.489 ng/ml

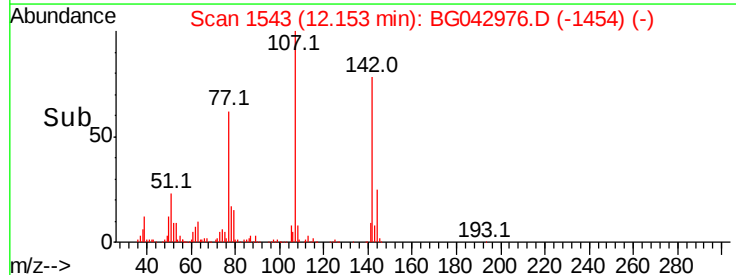
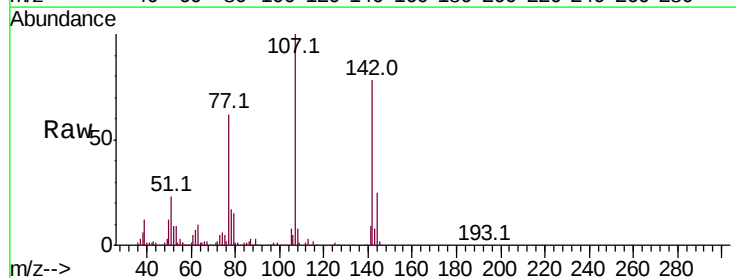
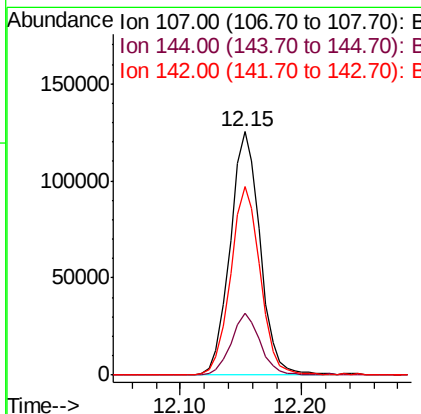
RT: 12.15 min Scan# 1543

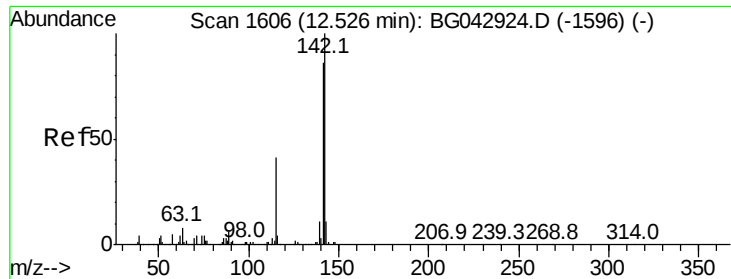
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	107	Resp:	216738
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.7	31.1
142	77.7	58.6	87.8





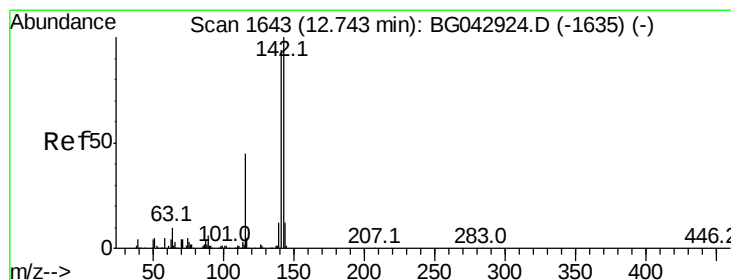
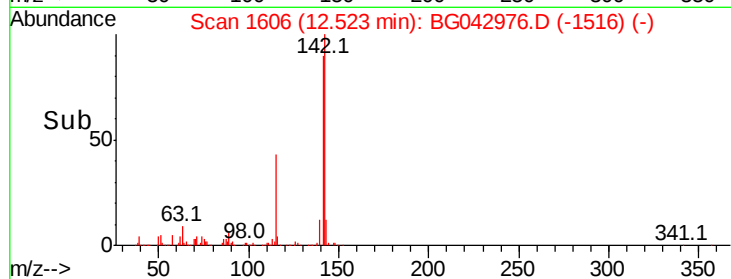
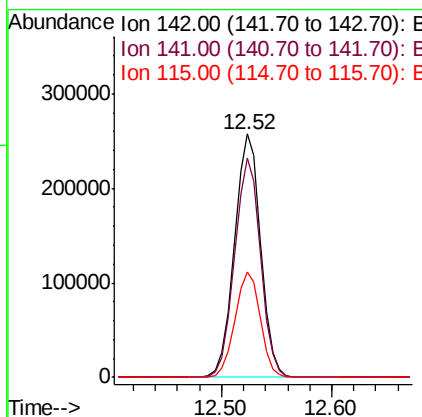
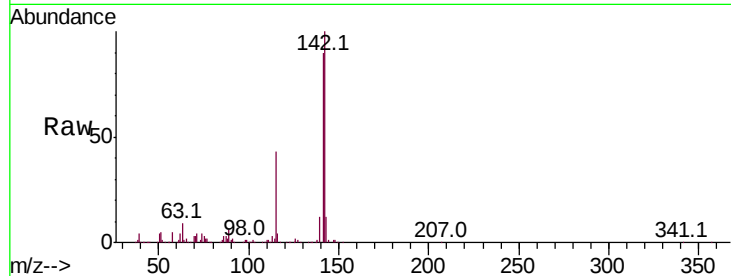
#37
 2-Methylnaphthalene
 Concen: 43.306 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.2	69.0	103.4	
115	43.4	32.8	49.2	

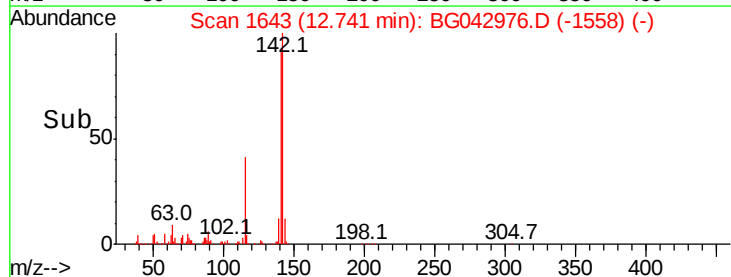
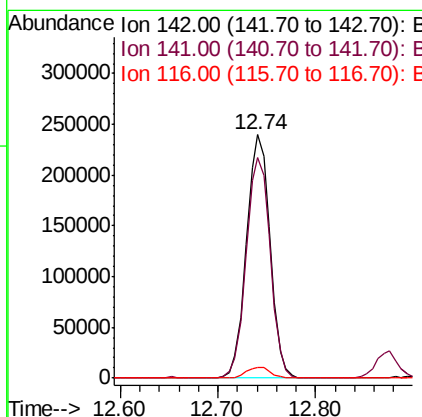
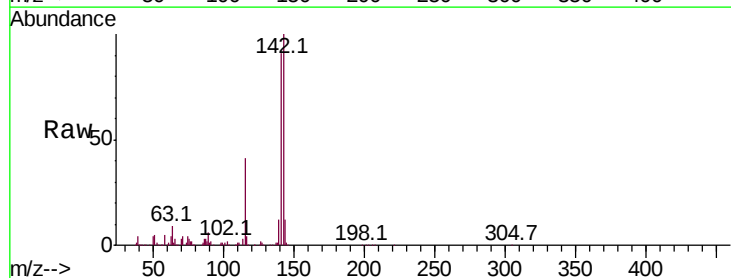
Manual Integrations
 APPROVED

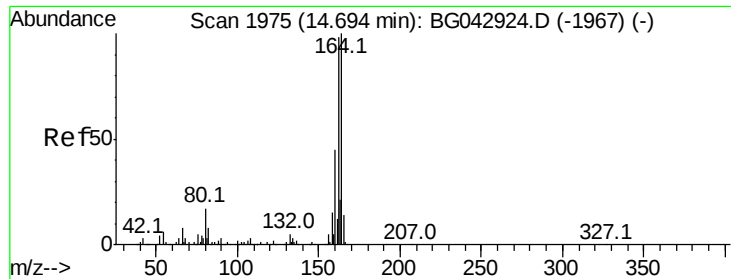
mohammad
 10/2/2019 4:00:26 PM



#38
 1-Methylnaphthalene
 Concen: 43.445 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.6	74.9	112.3	
116	4.3	3.7	5.5	





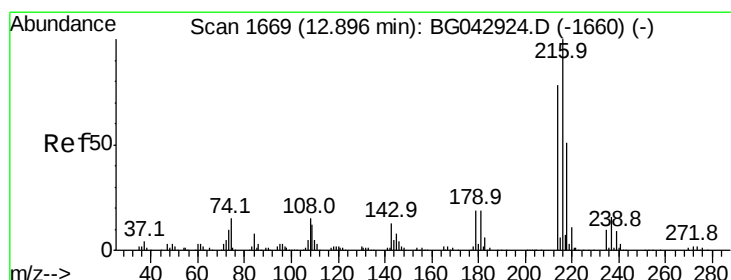
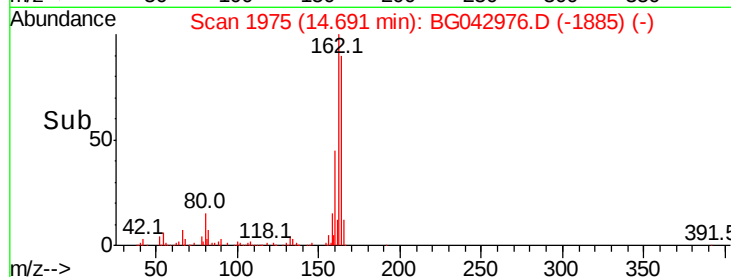
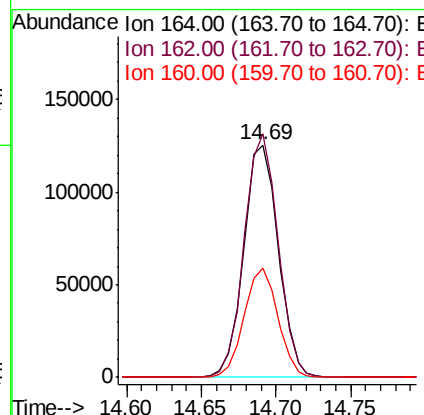
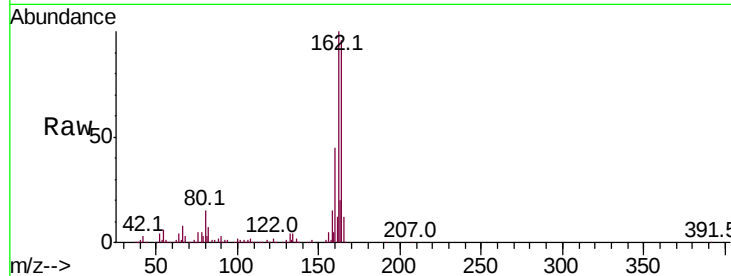
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	78.5	117.7	
160	46.8	35.9	53.9	

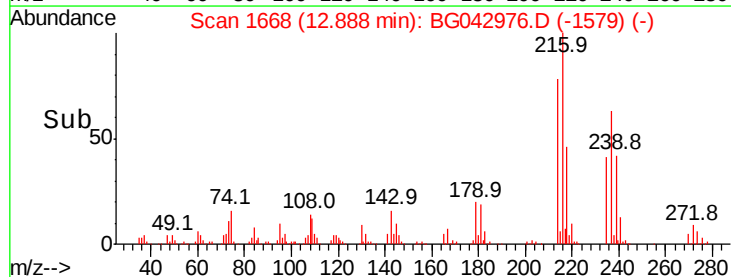
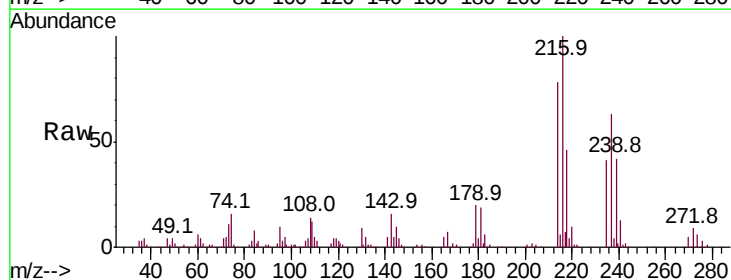
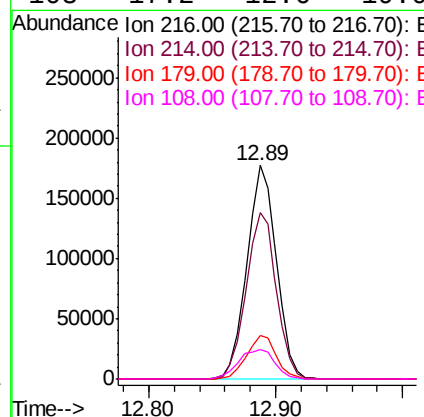
Manual Integrations
APPROVED

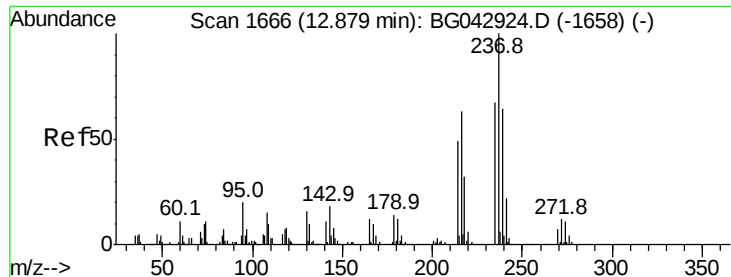
mohammad
10/2/2019 4:00:26 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.729 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	62.4	93.6	
179	20.2	15.4	23.2	
108	17.2	12.6	19.0	





#41

Hexachlorocyclopentadiene

Concen: 88.466 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

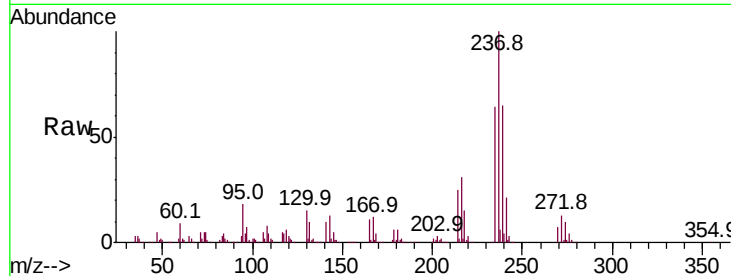
ClientSampleId :

MC-17-COMPOSITEMS

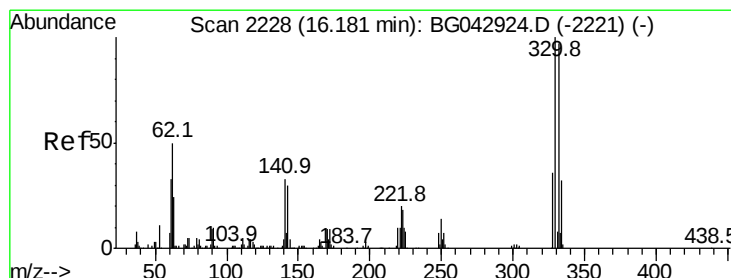
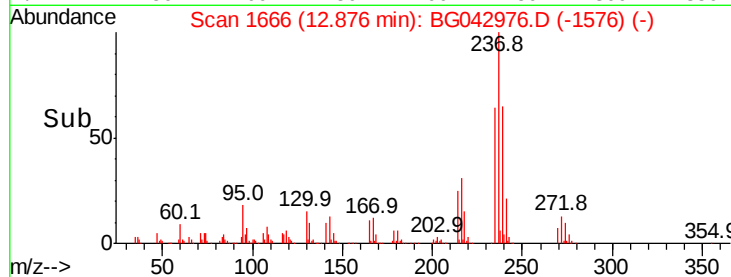
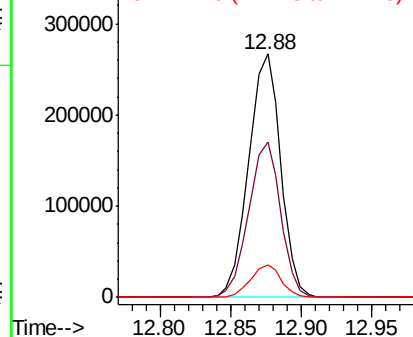
Tot Ion:	237	Resp:	425981
Ion Ratio	Lower	Upper	
237	100		
235	63.9	46.7	86.7
272	13.4	0.0	32.3

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 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: 92.049 ng

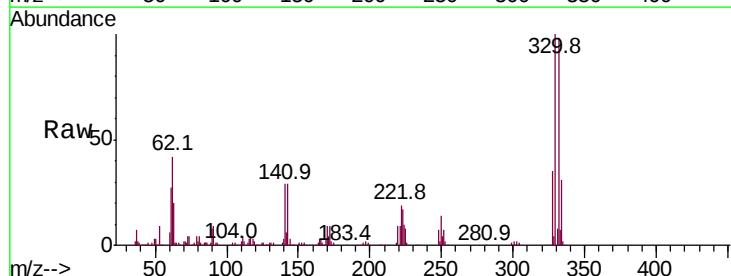
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

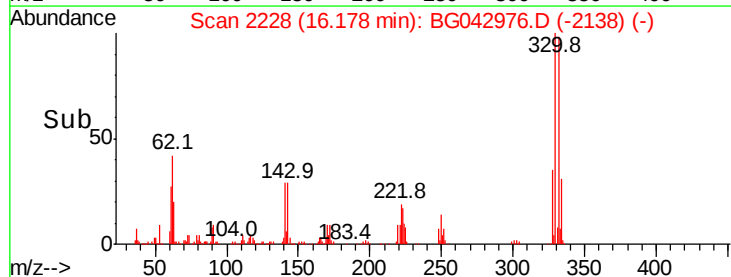
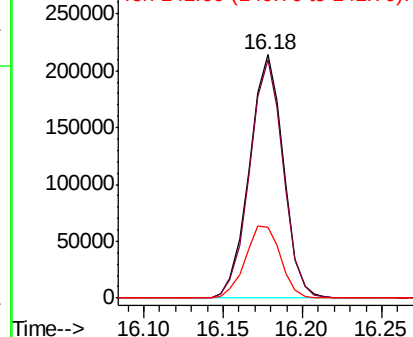
Lab File: BG042976.D

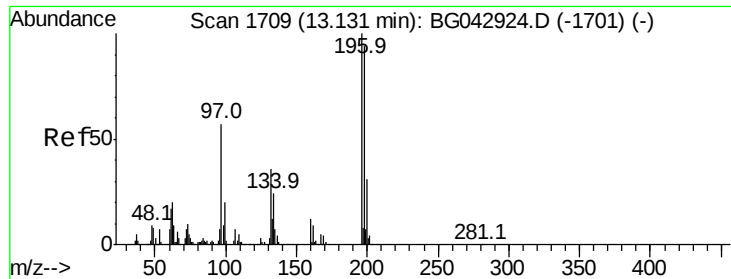
Acq: 1 Oct 2019 20:55

Tgt Ion:	330	Resp:	318146
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.2
141	31.0	26.0	39.0



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





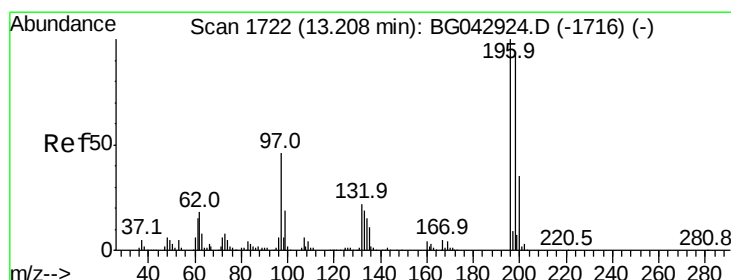
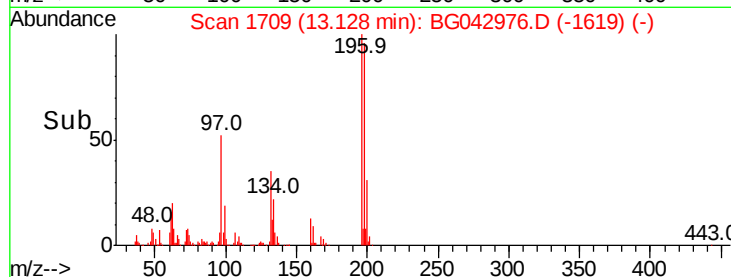
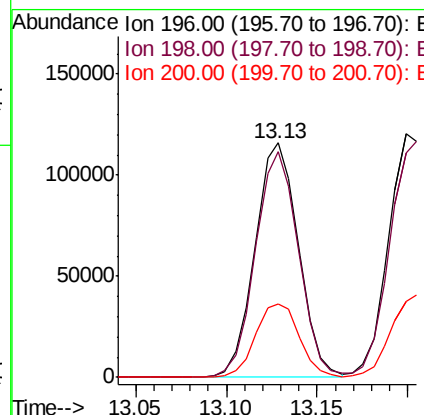
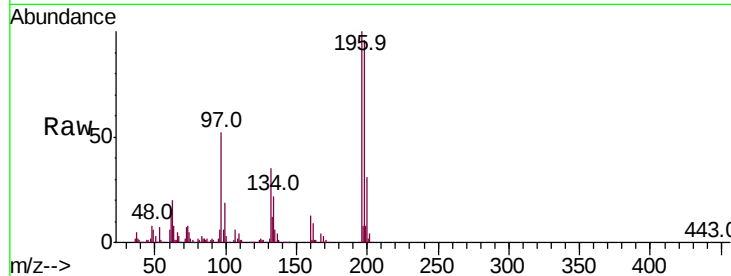
#43
2,4,6-Trichlorophenol
Concen: 43.447 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192179		
198	96.2	75.5	113.3	
200	31.1	24.9	37.3	

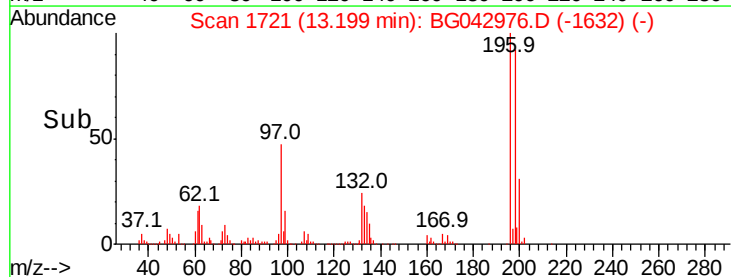
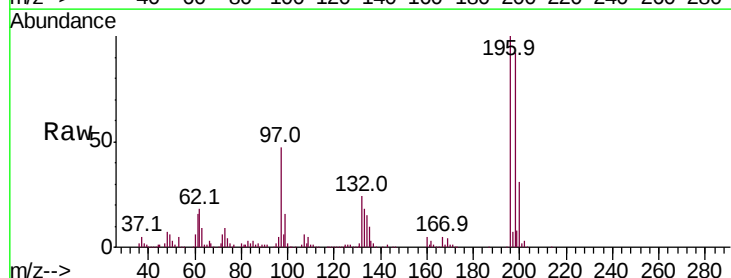
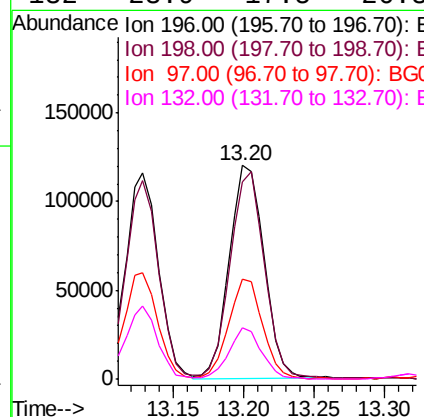
Manual Integrations
APPROVED

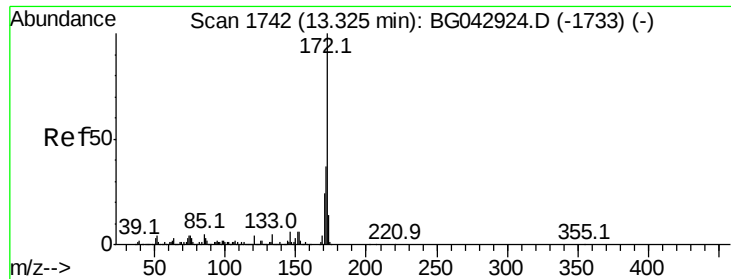
mohammad
10/2/2019 4:00:26 PM



#44
2,4,5-Trichlorophenol
Concen: 45.246 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206171		
198	92.1	75.1	112.7	
97	46.7	37.0	55.4	
132	23.9	17.5	26.3	





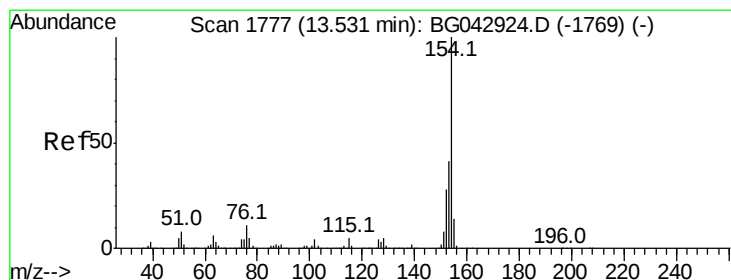
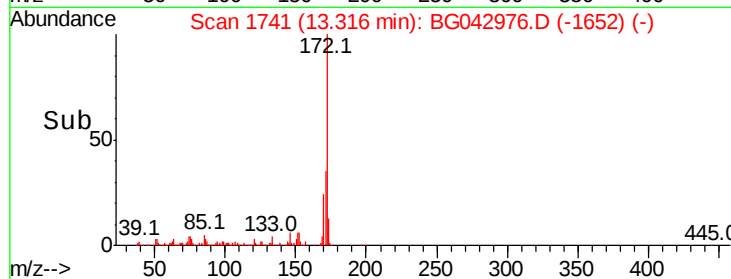
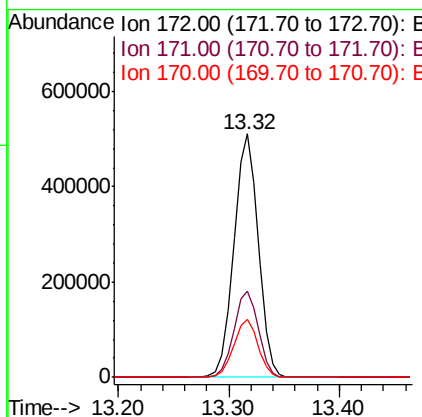
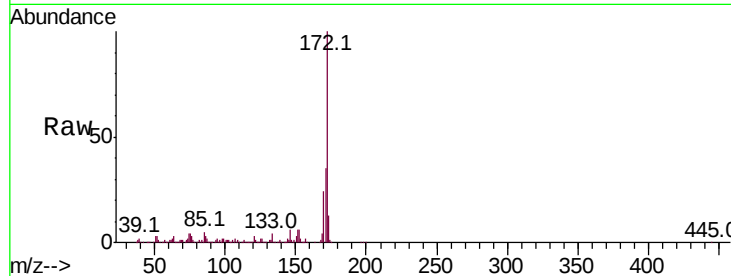
#45
2-Fluorobiphenyl
Concen: 56.957 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.8	19.6	29.4	

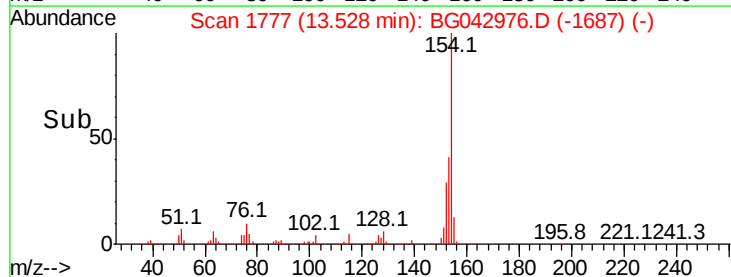
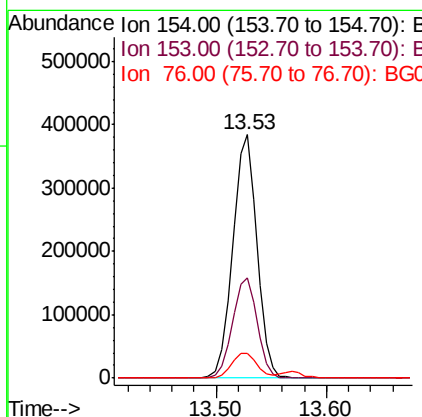
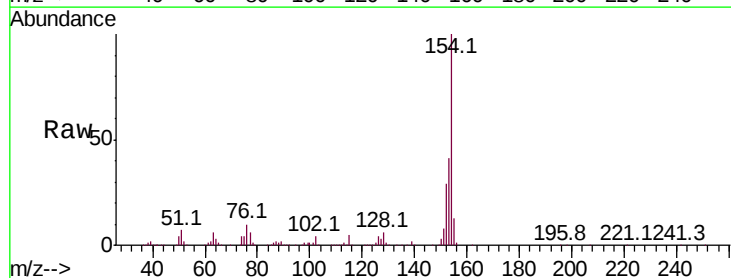
Manual Integrations
APPROVED

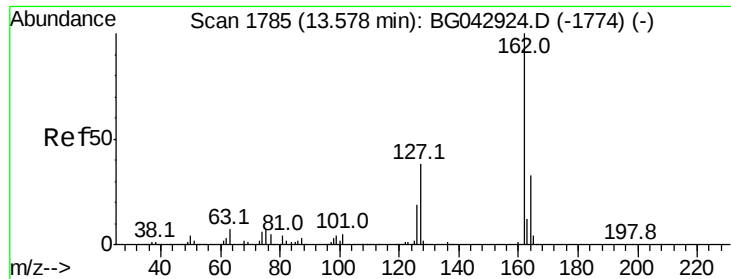
mohammad
10/2/2019 4:00:26 PM



#46
1,1'-Biphenyl
Concen: 38.611 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.4	61.4	
76	10.2	0.0	31.3	





#47

2-Chloronaphthalene

Concen: 40.012 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

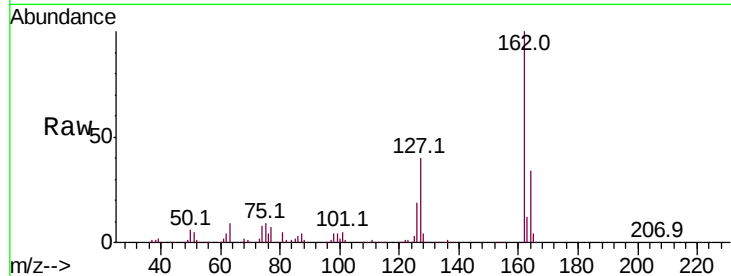
ClientSampleId :

MC-17-COMPOSITEMS

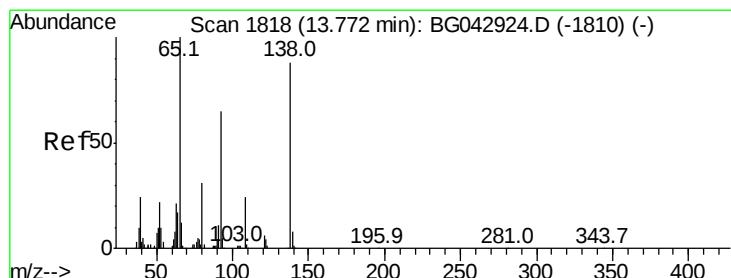
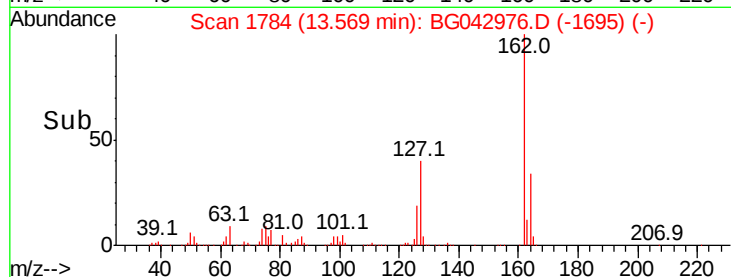
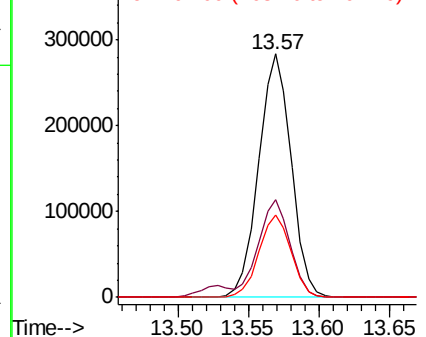
Tot Ion:	162	Resp:	457252
Ion Ratio	Lower	Upper	
162	100		
127	40.1	31.0	46.6
164	33.6	26.2	39.2

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.545 ng

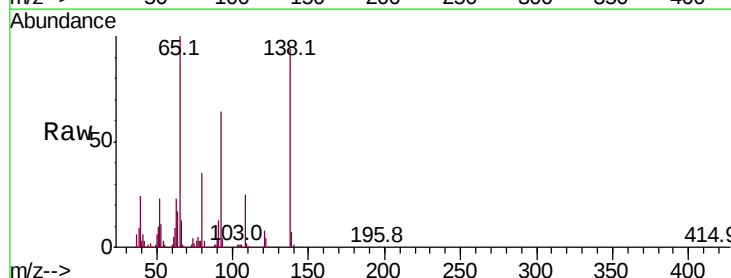
RT: 13.77 min Scan# 1818

Delta R.T. -0.00 min

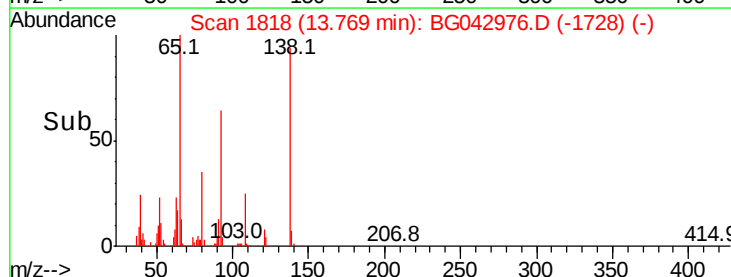
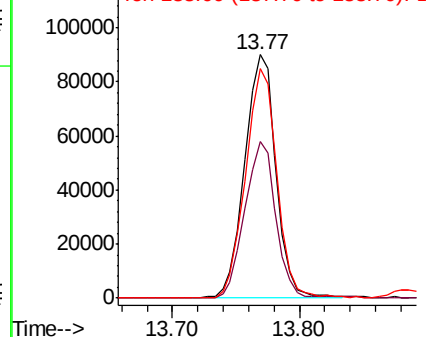
Lab File: BG042976.D

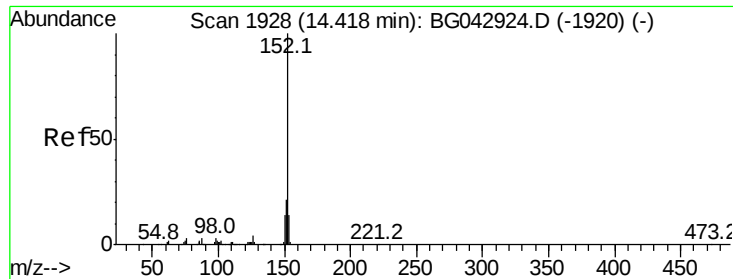
Acq: 1 Oct 2019 20:55

Tgt Ion:	65	Resp:	154083
Ion Ratio	Lower	Upper	
65	100		
92	64.1	52.0	78.0
138	94.3	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.706 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

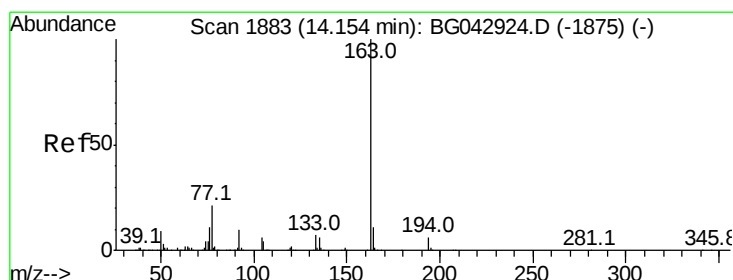
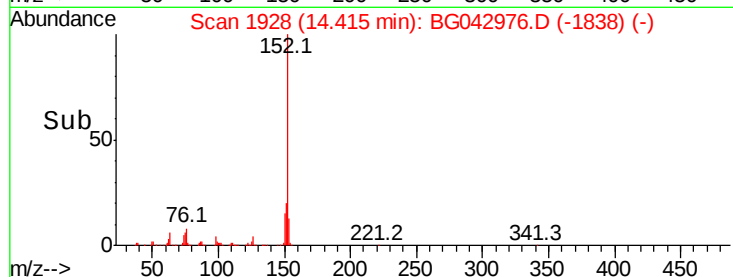
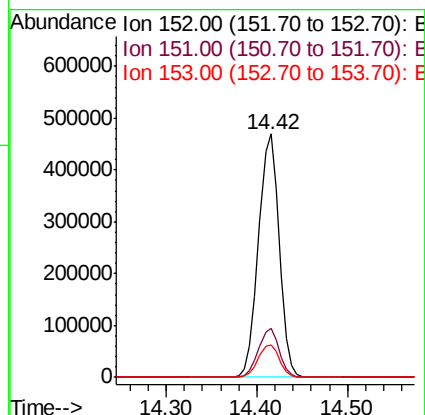
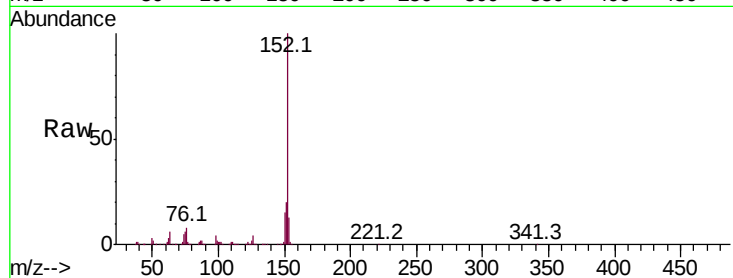
ClientSampleId :

MC-17-COMPOSITMS

Tot Ion:	152	Resp:	746776
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.3	11.3	16.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#50

Dimethylphthalate

Concen: 45.013 ng

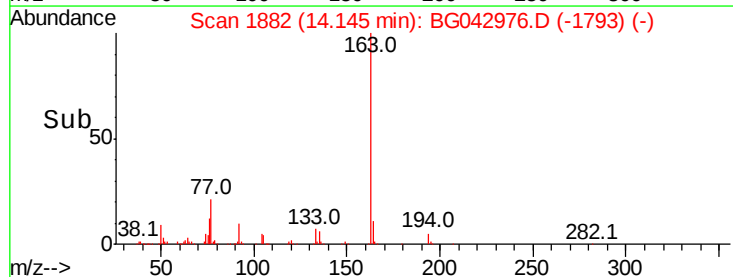
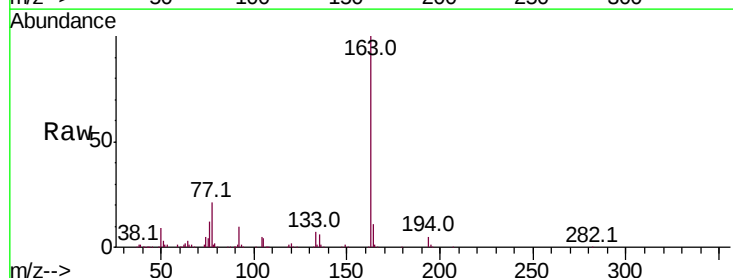
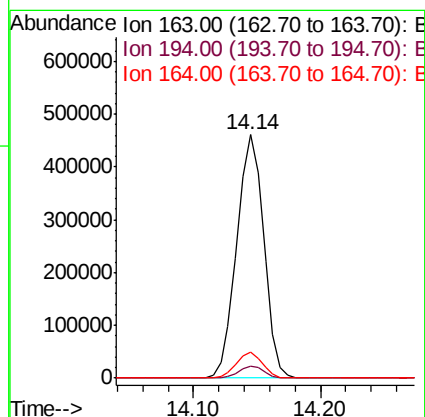
RT: 14.14 min Scan# 1882

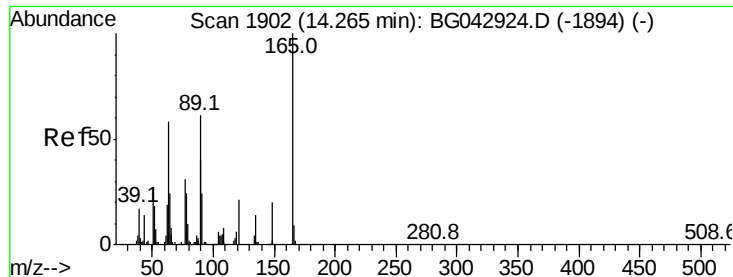
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	163	Resp:	677890
Ion Ratio	Lower	Upper	
163	100		
194	4.8	4.4	6.6
164	10.7	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.700 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

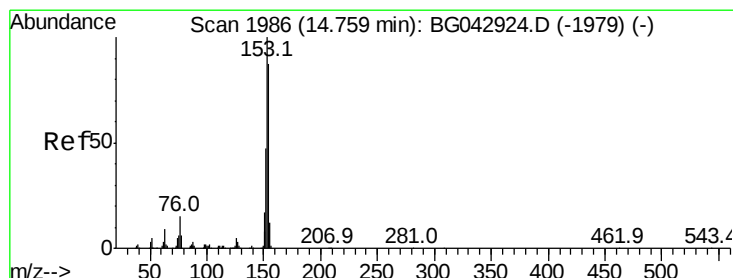
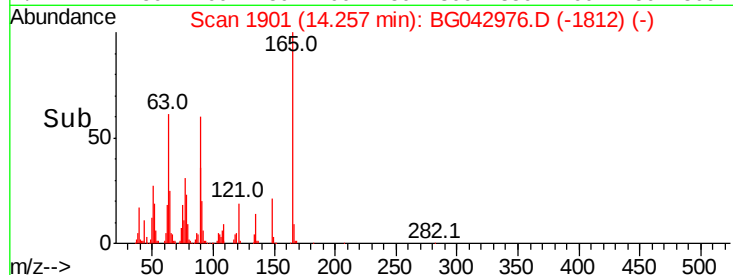
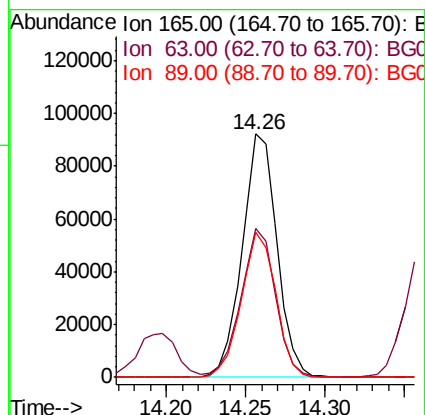
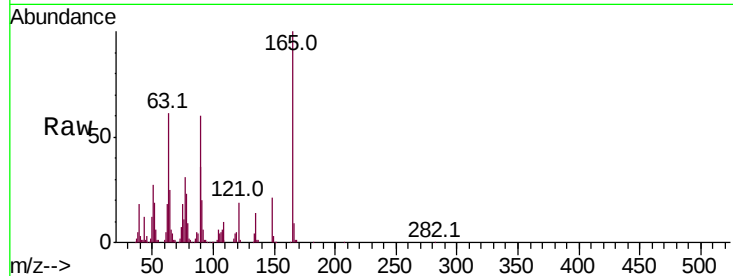
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	165	Resp:	140150
Ion Ratio	Lower	Upper	
165	100		
63	61.3	50.3	75.5
89	59.7	48.9	73.3

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#52

Acenaphthene

Concen: 39.234 ng

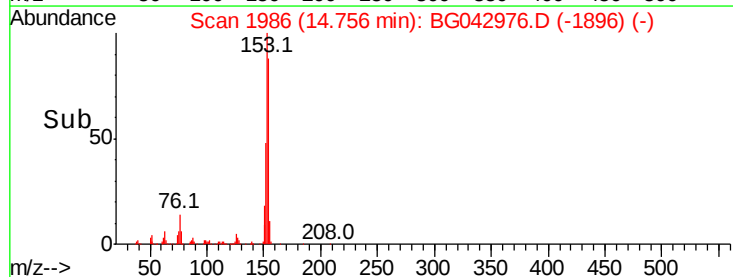
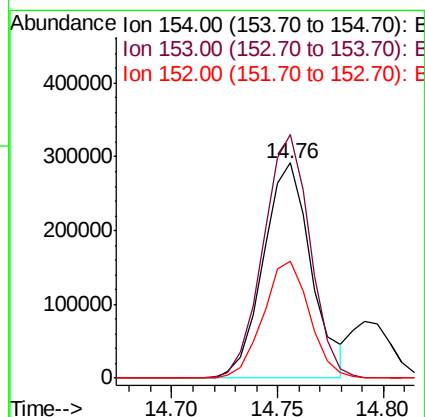
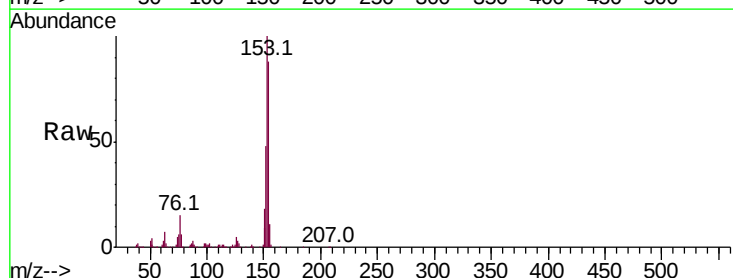
RT: 14.76 min Scan# 1986

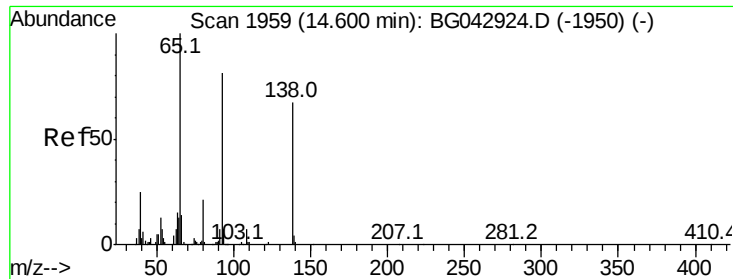
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	154	Resp:	459222
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.0
152	54.6	42.8	64.2





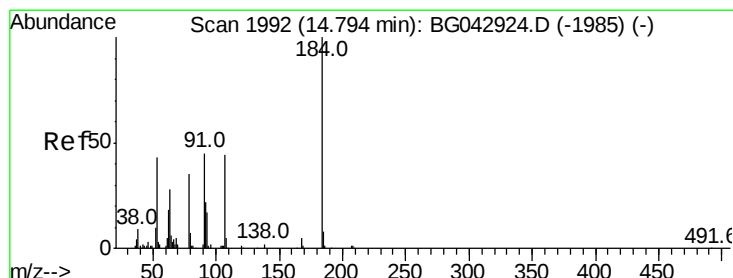
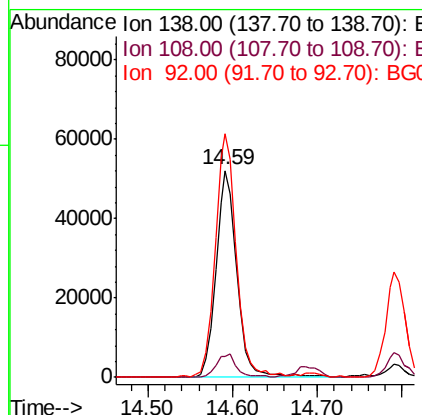
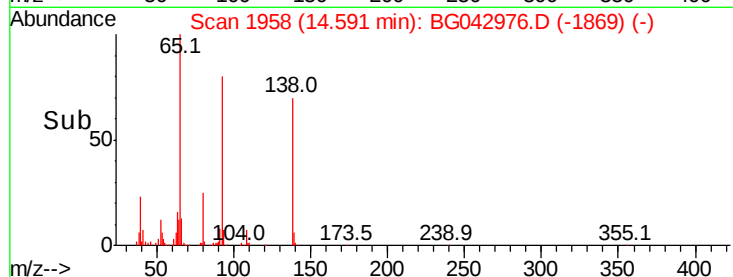
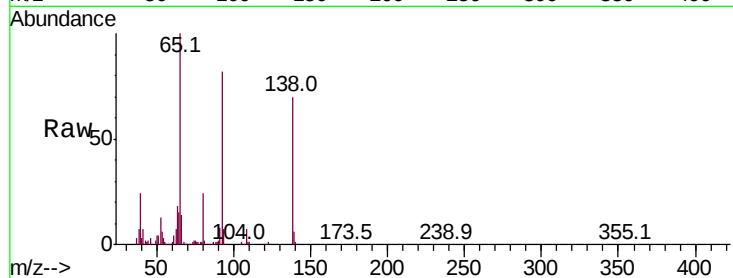
#53
3-Nitroaniline
Concen: 27.258 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	117.7	97.0	145.6

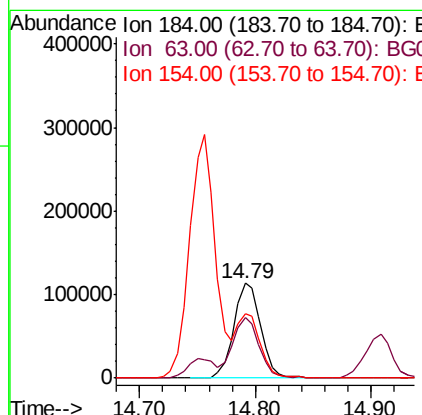
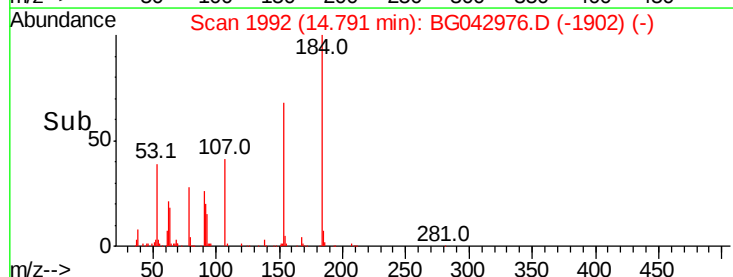
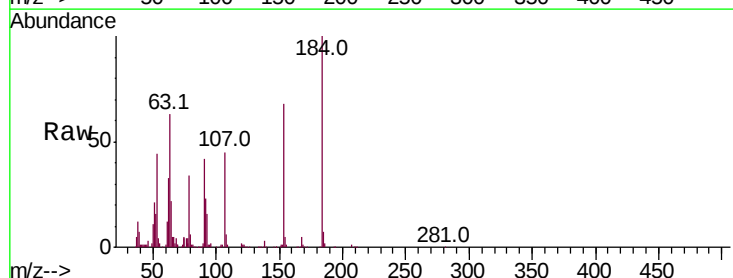
Manual Integrations
APPROVED

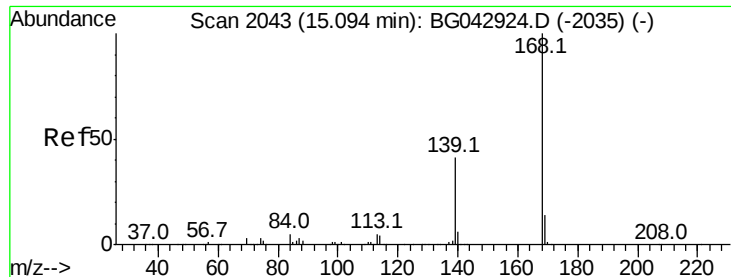
mohammad
10/2/2019 4:00:26 PM



#54
2,4-Dinitrophenol
Concen: 92.175 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	55.0	82.6
154	67.6	56.5	84.7





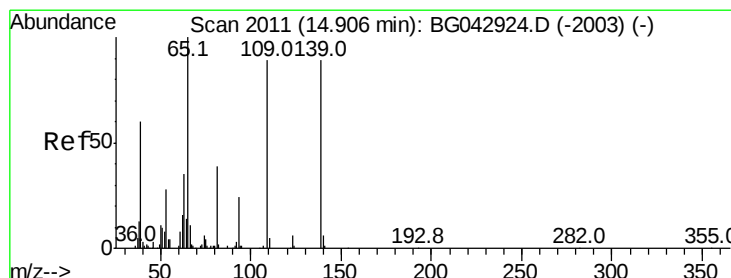
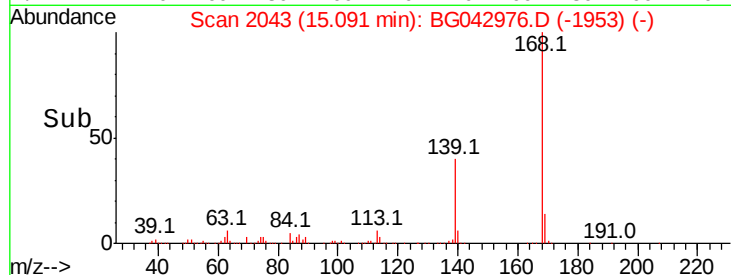
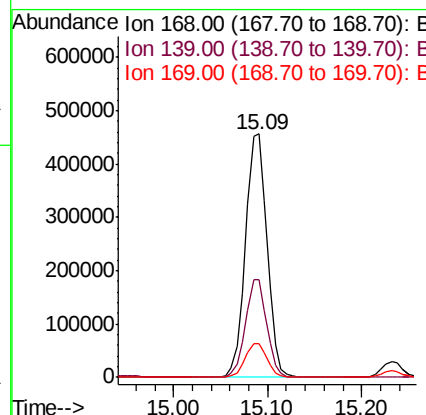
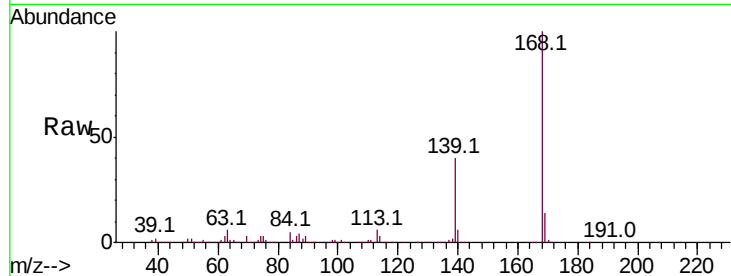
#55
Dibenzenofuran
Concen: 41.822 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.6	48.8
169	14.0	11.2	16.8

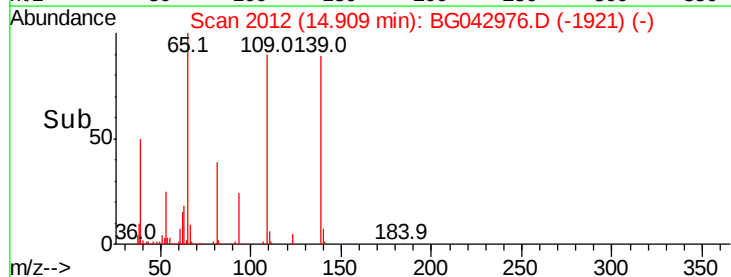
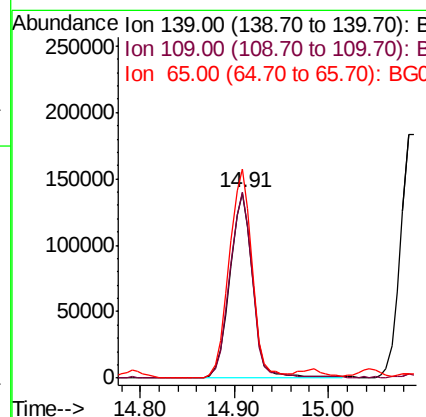
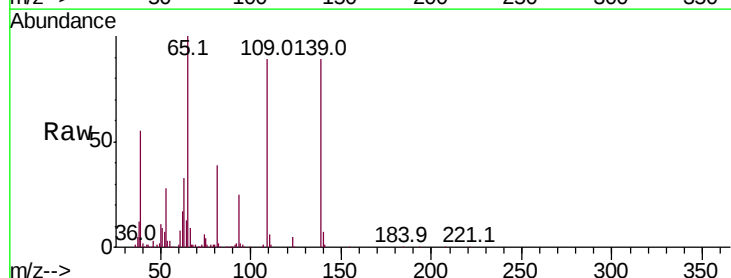
Manual Integrations
APPROVED

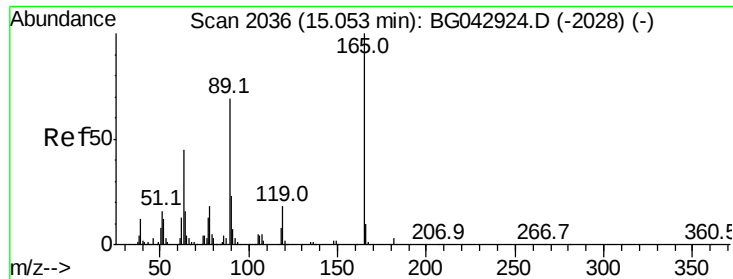
mohammad
10/2/2019 4:00:26 PM



#56
4-Nitrophenol
Concen: 93.189 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	79.4	119.4
65	112.7	92.5	132.5





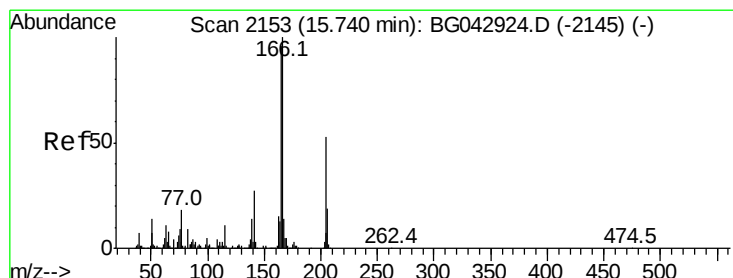
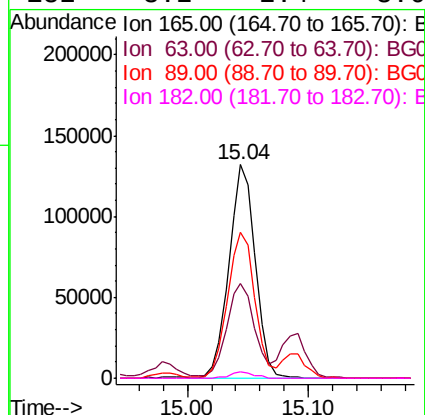
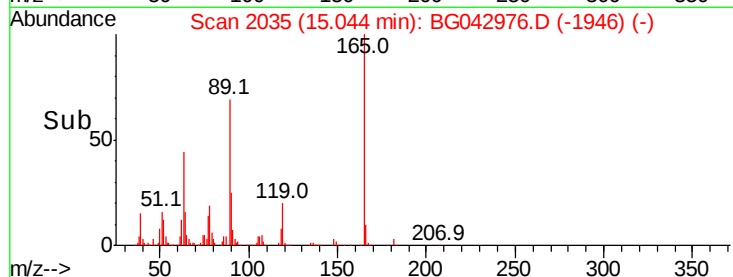
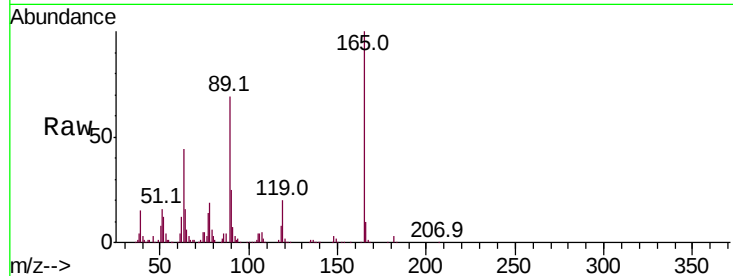
#57
2,4-Dinitrotoluene
Concen: 42.460 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199415		
63	44.4	36.5	54.7	
89	68.6	55.5	83.3	
182	3.2	2.4	3.6	

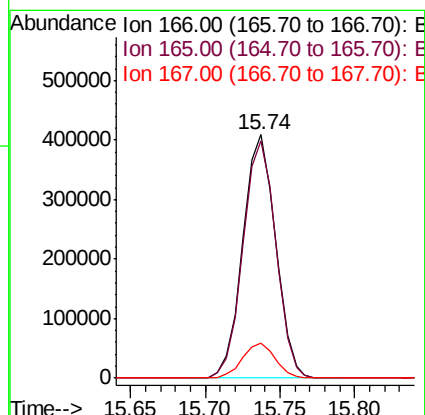
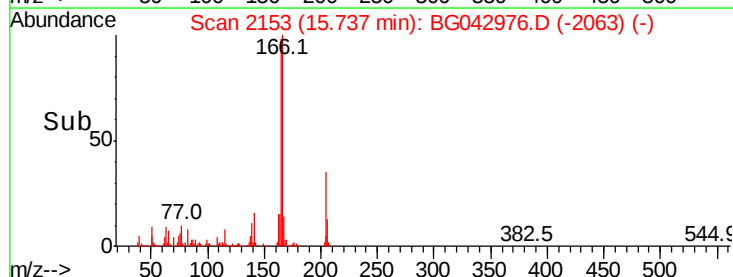
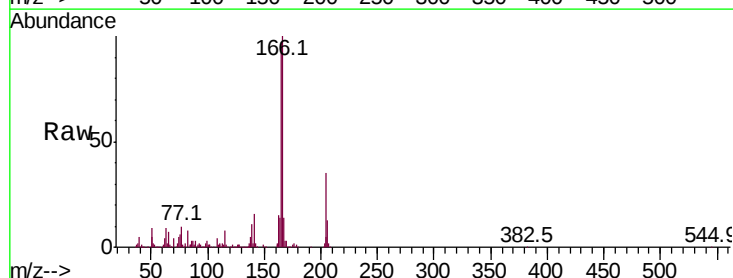
Manual Integrations
APPROVED

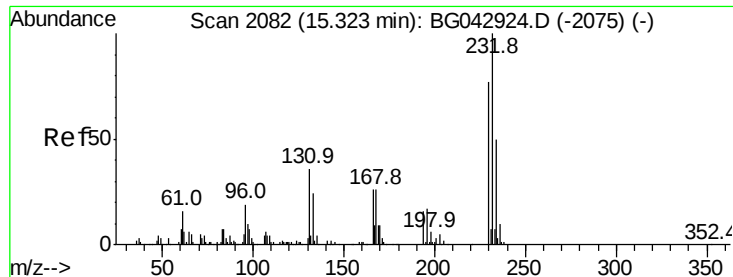
mohammad
10/2/2019 4:00:26 PM



#58
Fluorene
Concen: 42.086 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	622134		
165	97.4	77.1	115.7	
167	14.3	11.0	16.6	





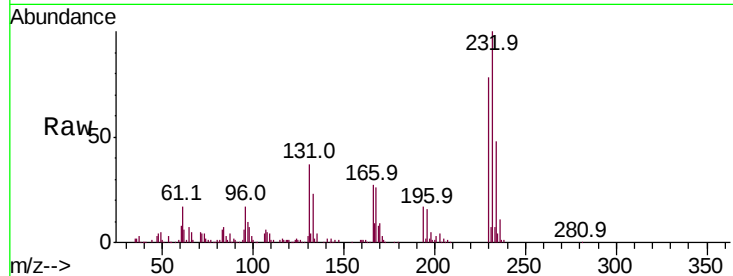
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.317 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

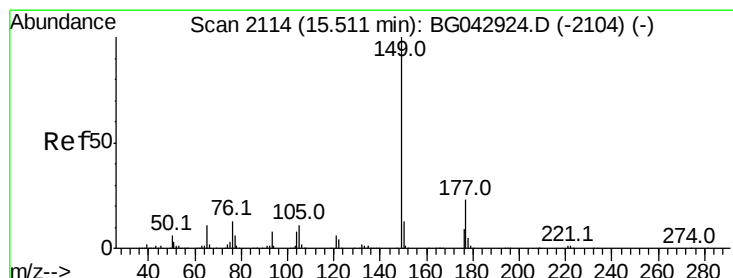
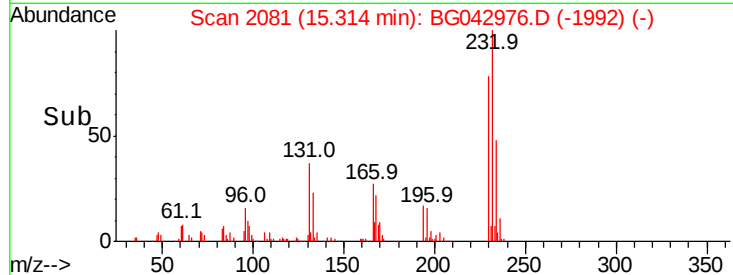
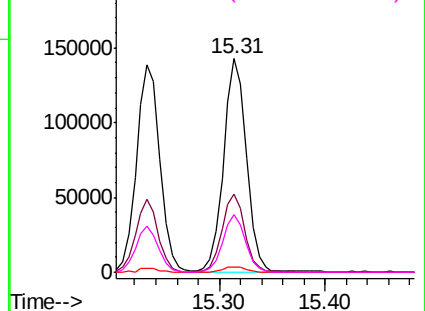
Tot Ion	Ratio	Resp	Lower	Upper
232	100	215011		
131	36.1	29.6	44.4	
130	2.7	1.9	2.9	
166	26.5	21.8	32.8	

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM

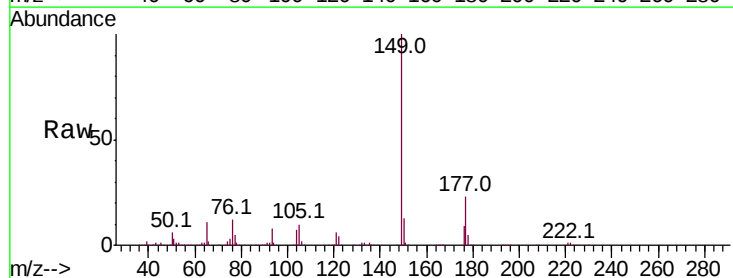


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

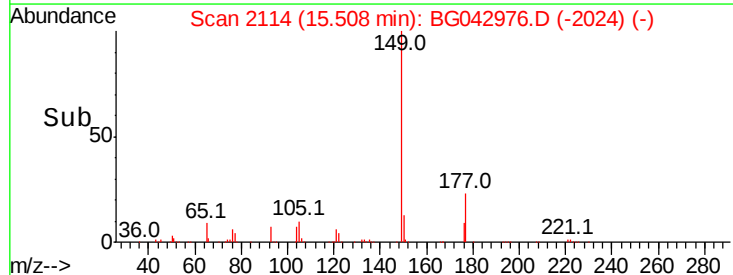
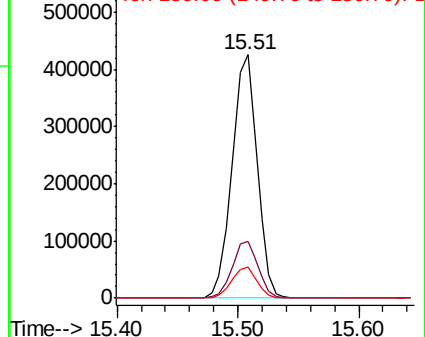


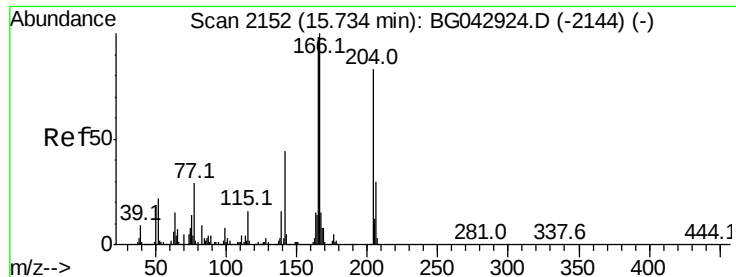
#60
Diethylphthalate
Concen: 40.163 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	615558		
177	23.2	18.8	28.2	
150	12.9	10.6	15.8	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





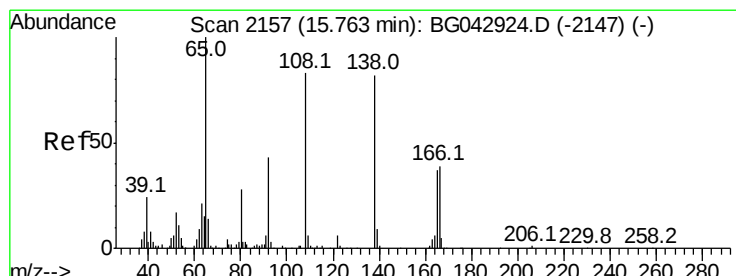
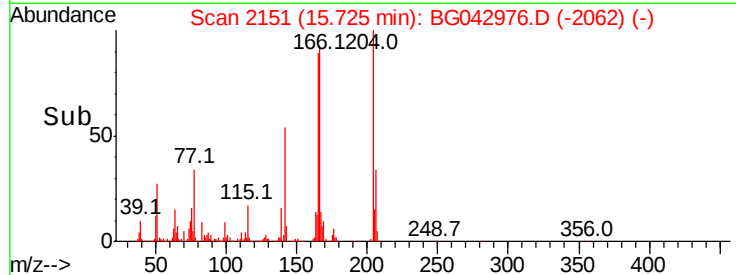
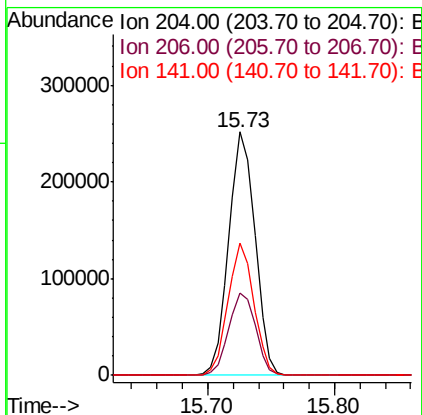
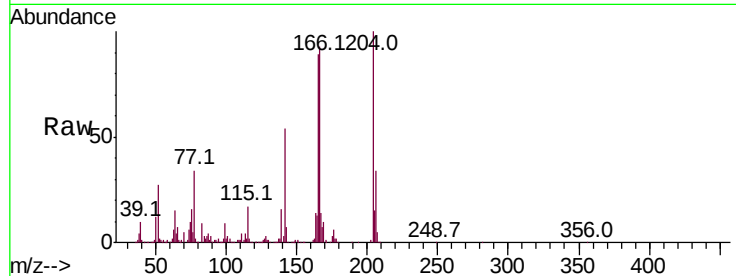
#61
4-Chlorophenyl-phenylether
Concen: 40.688 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.5	42.7
141	54.2	42.4	63.6

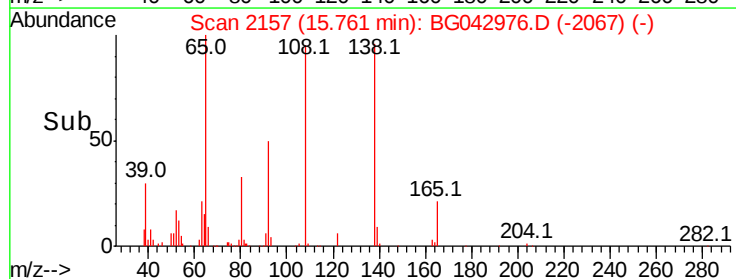
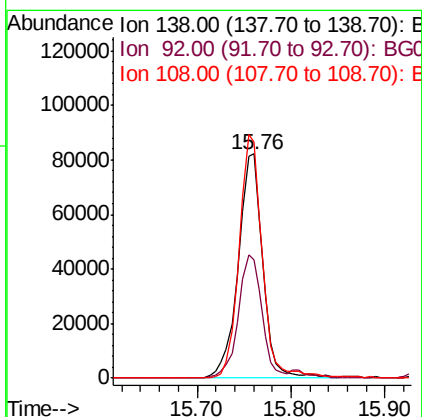
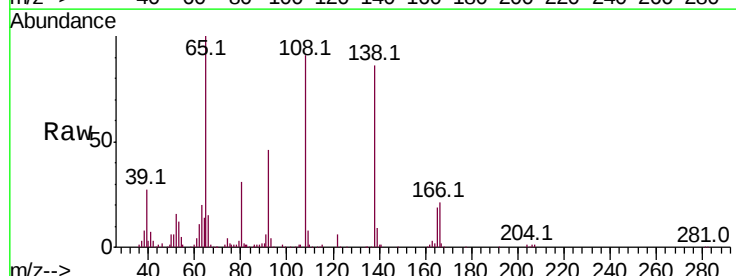
Manual Integrations
APPROVED

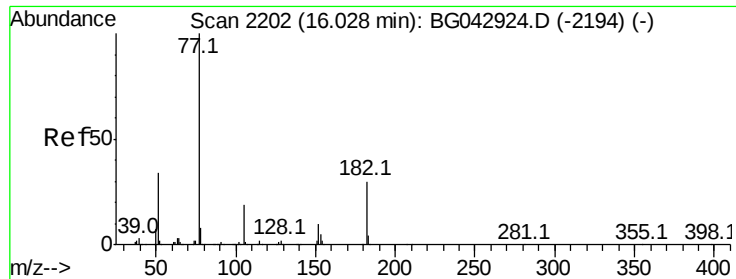
mohammad
10/2/2019 4:00:26 PM



#62
4-Nitroaniline
Concen: 41.394 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	32.9	72.9
108	105.4	81.3	121.3





#63

Azobenzene

Concen: 40.327 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

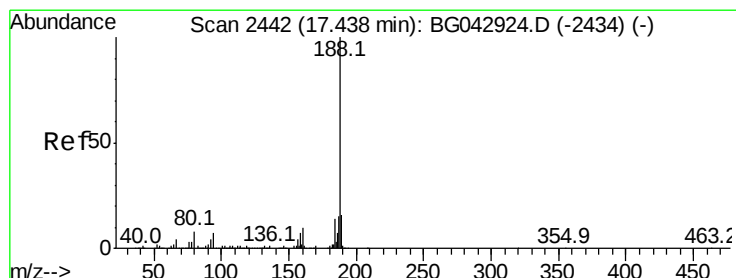
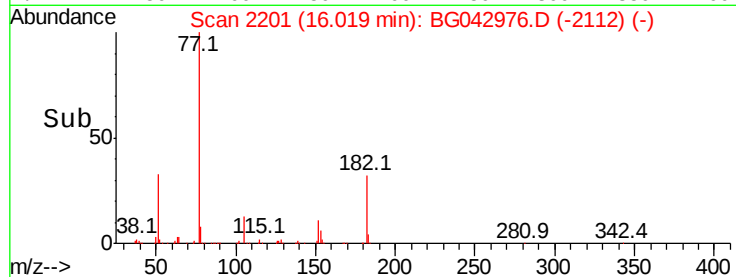
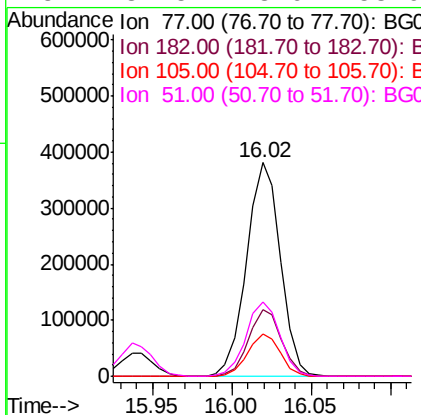
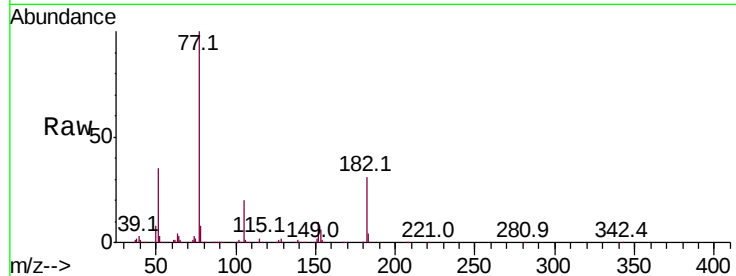
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	31.2	10.2	50.2	
105	20.0	0.0	39.1	
51	34.5	13.9	53.9	

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

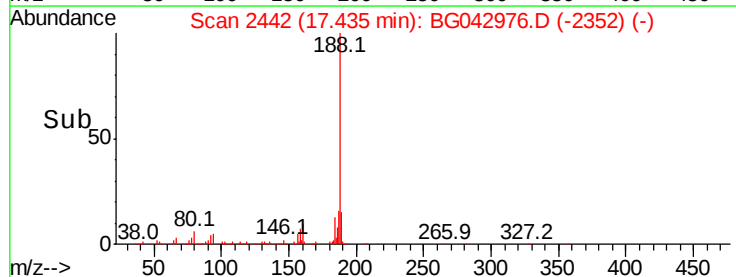
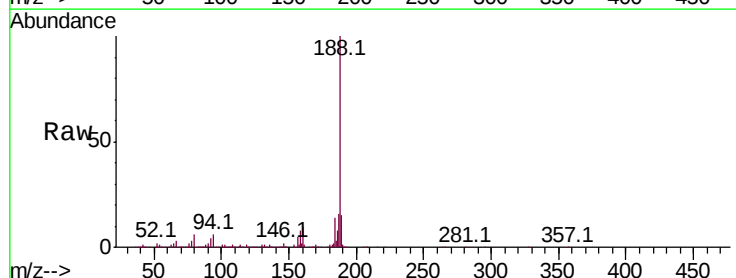
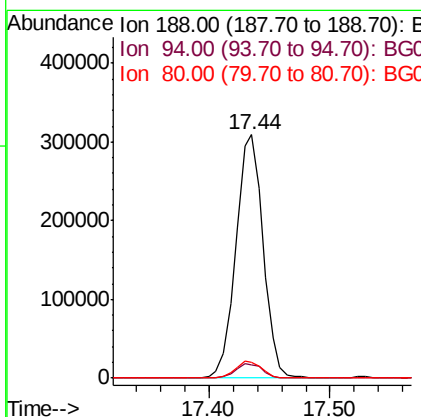
RT: 17.44 min Scan# 2442

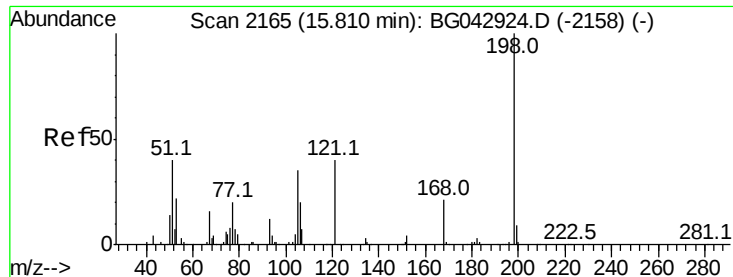
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.6	5.7	8.5#	
80	6.5	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.695 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

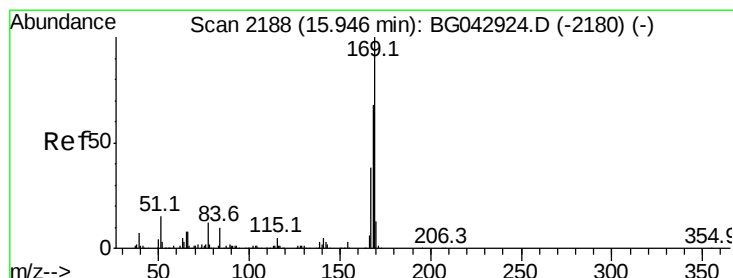
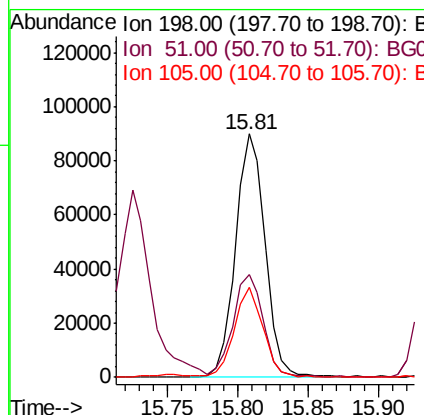
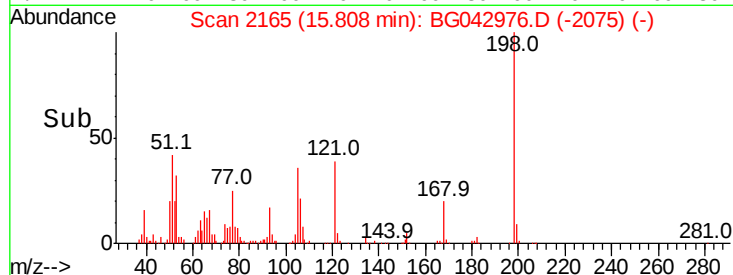
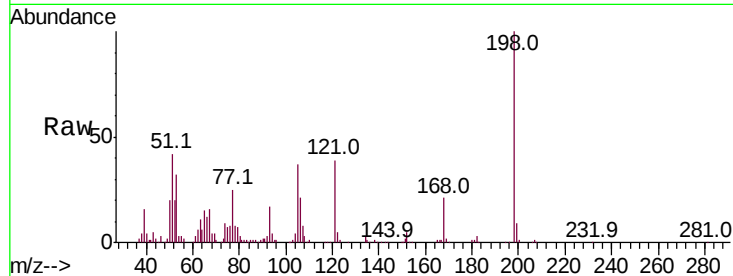
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	198	Resp:	130930
Ion Ratio	Lower	Upper	
198	100		
51	42.3	25.3	65.3
105	36.7	16.6	56.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#66

n-Nitrosodiphenylamine

Concen: 43.112 ng

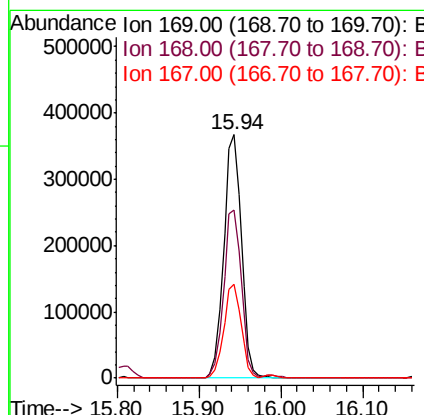
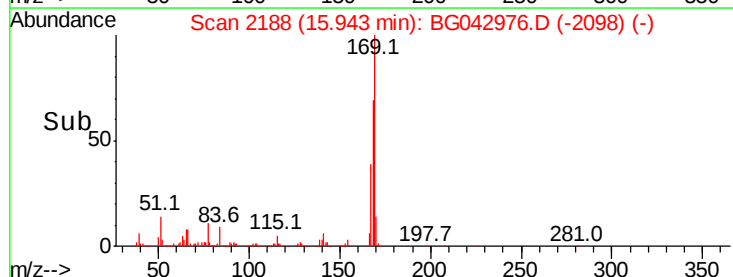
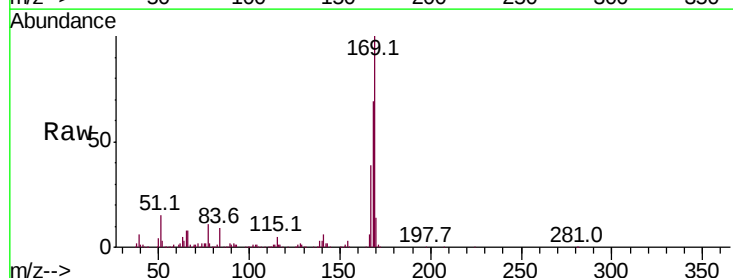
RT: 15.94 min Scan# 2188

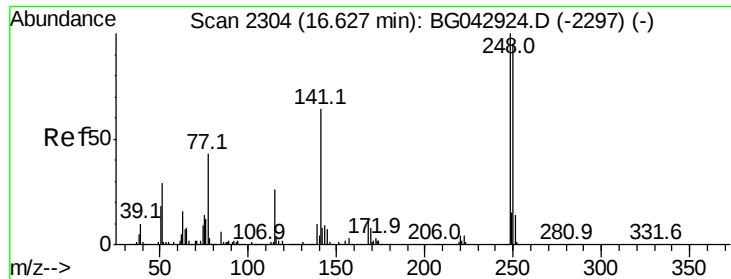
Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	169	Resp:	552112
Ion Ratio	Lower	Upper	
169	100		
168	69.0	54.8	82.2
167	38.6	30.6	46.0





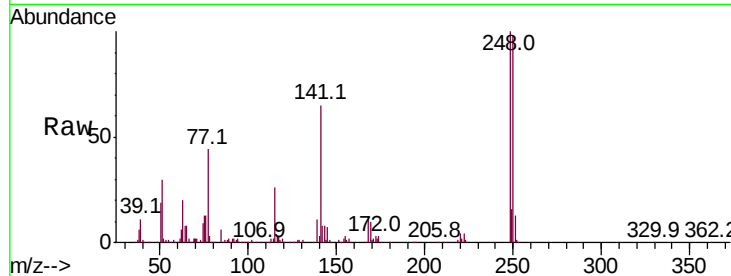
#67
4-Bromophenyl-phenylether
Concen: 42.312 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.8	113.8
141	65.0	51.1	76.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM

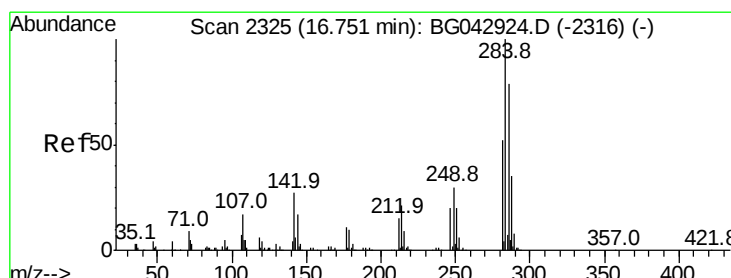
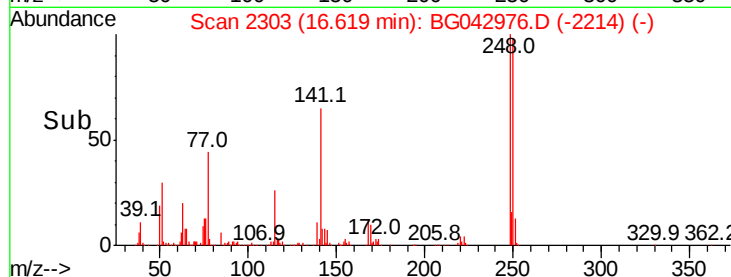
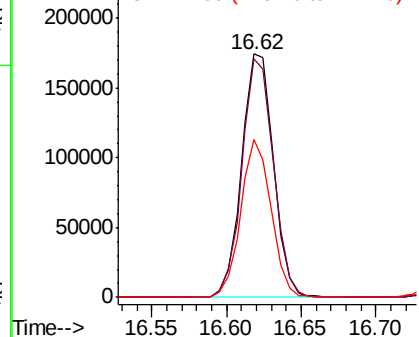


Abundance

Ion 248.00 (247.70 to 248.70): E

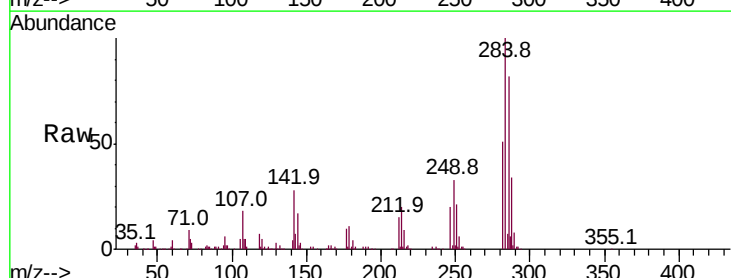
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.814 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.6	32.4
249	32.9	24.1	36.1

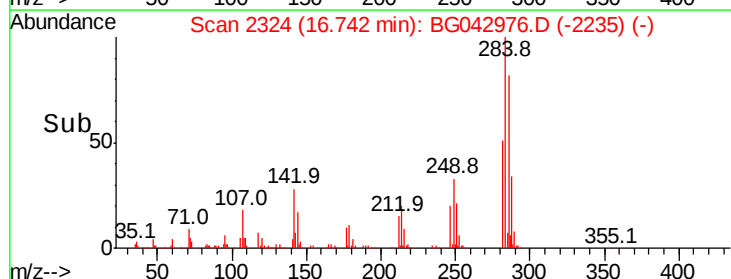
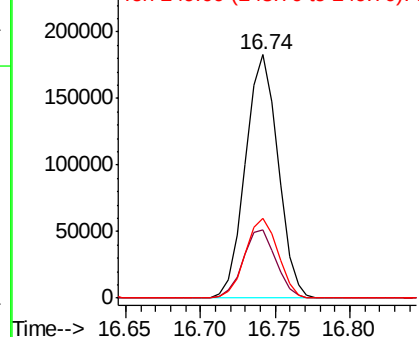


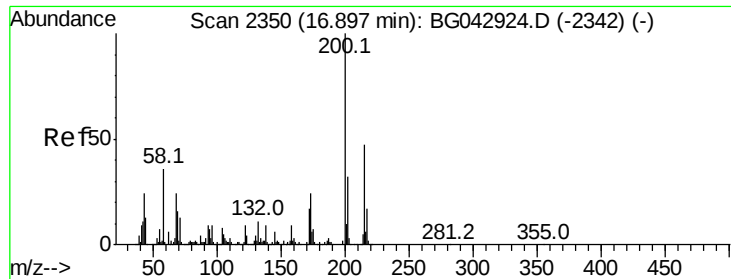
Abundance

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





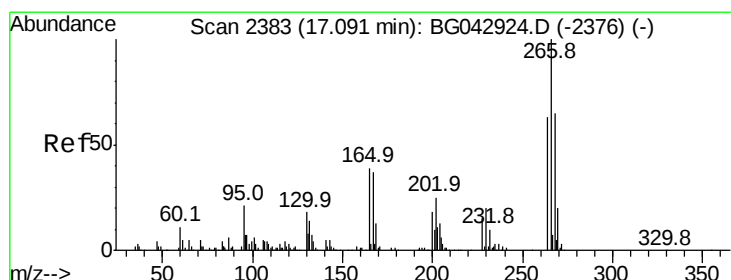
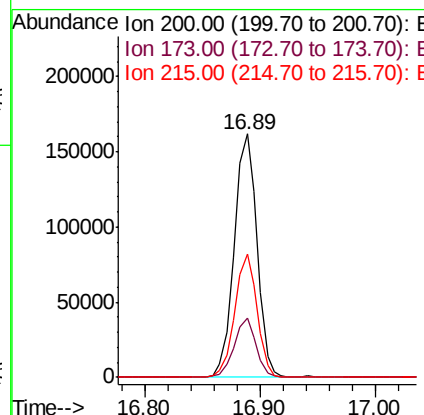
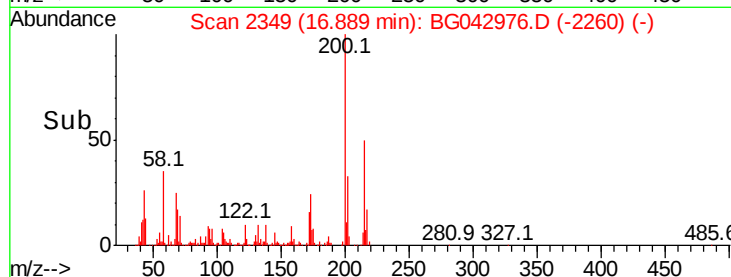
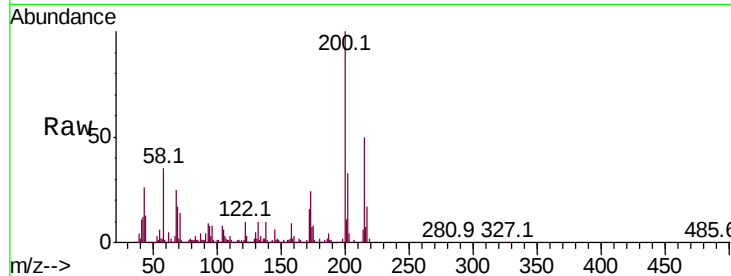
#69
Atrazine
Concen: 40.975 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.0	44.0
215	50.4	27.4	67.4

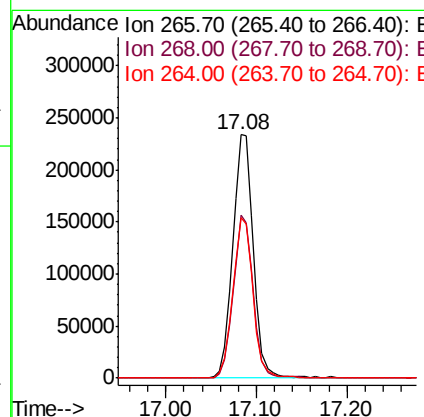
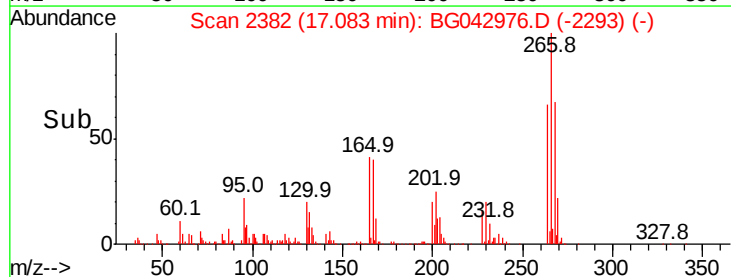
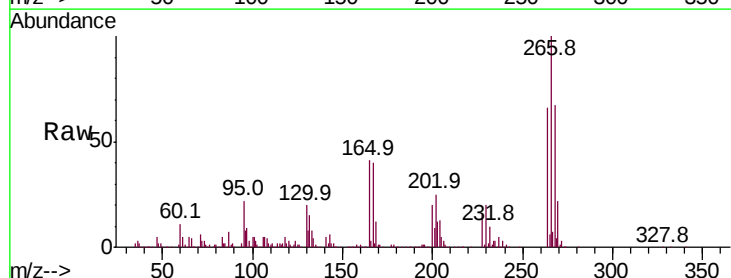
Manual Integrations
APPROVED

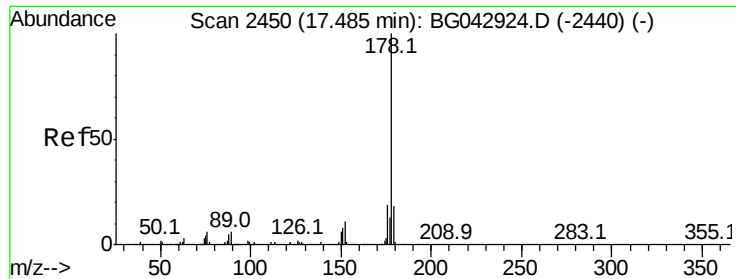
mohammad
10/2/2019 4:00:26 PM



#70
Pentachlorophenol
Concen: 94.279 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	52.2	78.2
264	65.7	50.7	76.1





#71

Phenanthrene

Concen: 42.030 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

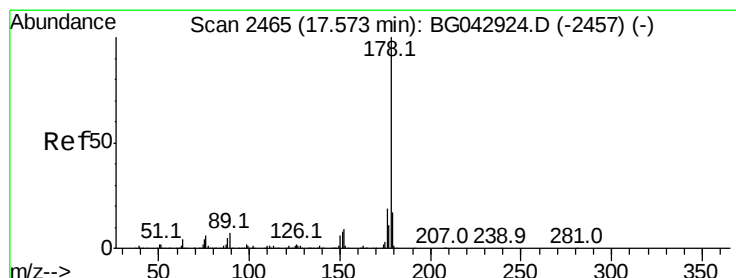
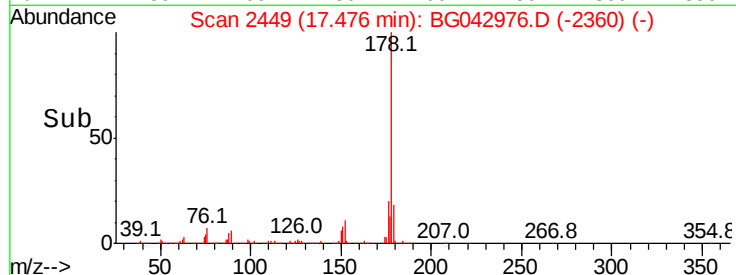
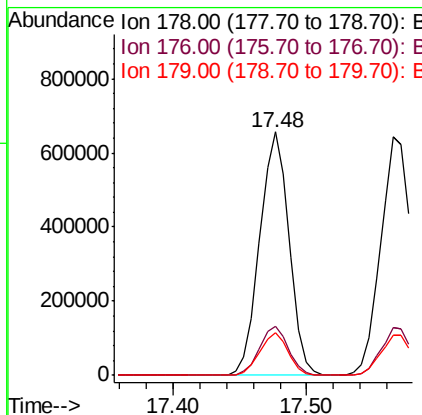
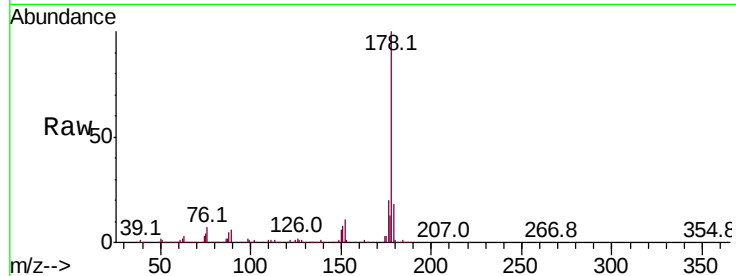
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	17.6	14.1	21.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#72

Anthracene

Concen: 43.012 ng

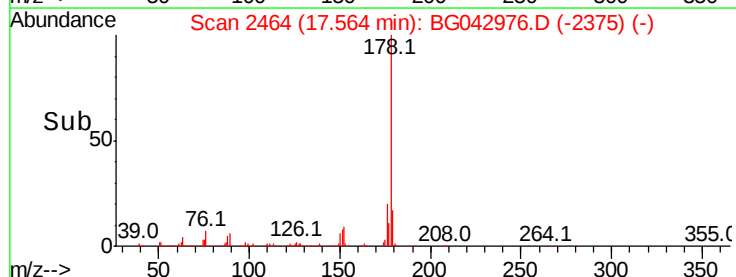
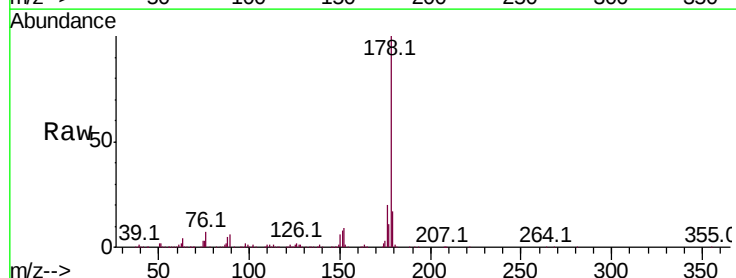
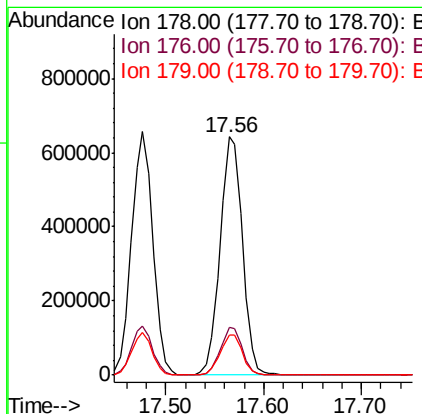
RT: 17.56 min Scan# 2464

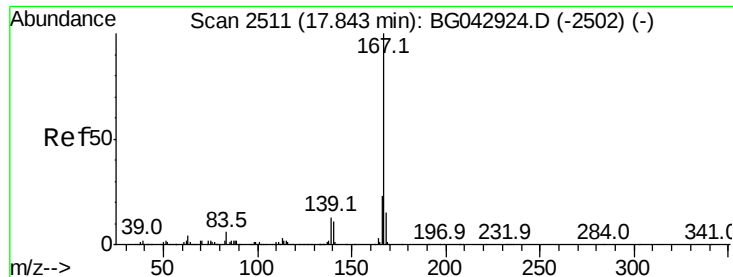
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.6	13.5	20.3





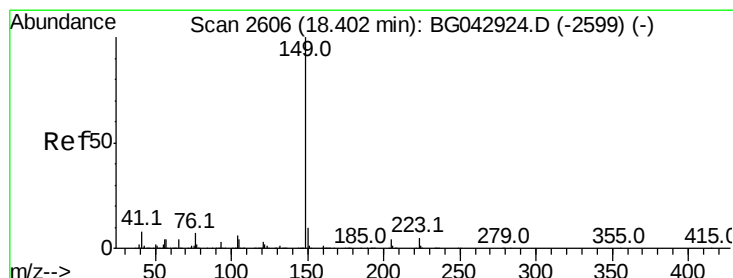
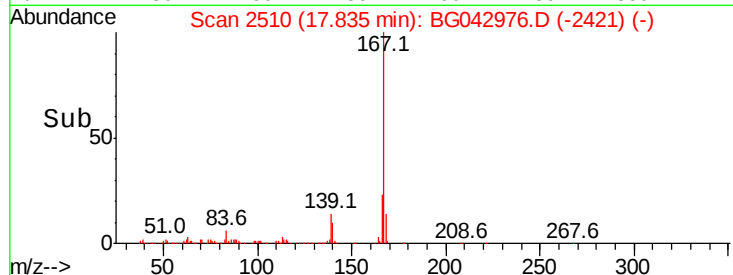
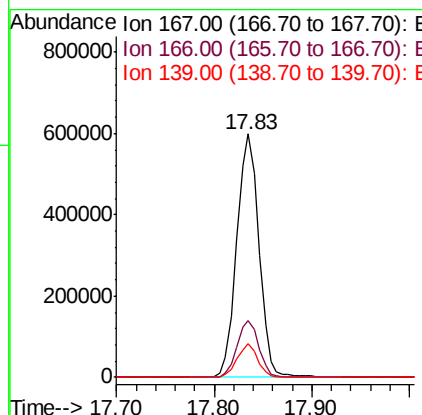
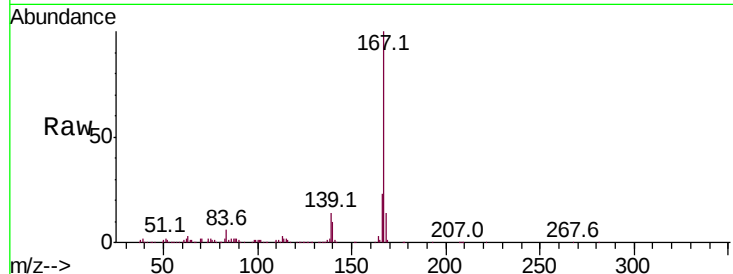
#73
 Carbazole
 Concen: 43.251 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.1	18.6	28.0	
139	13.6	10.8	16.2	

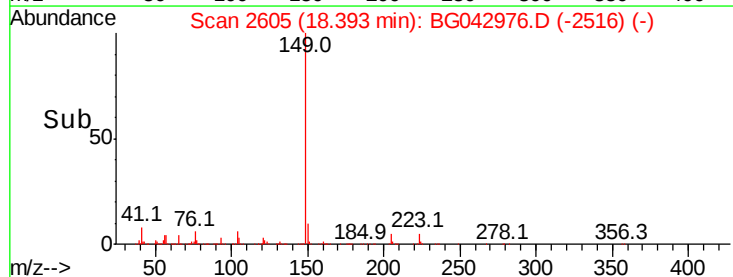
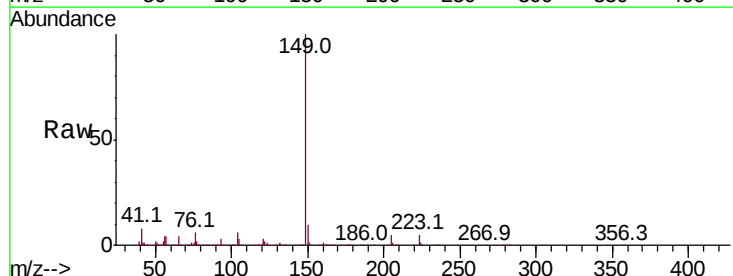
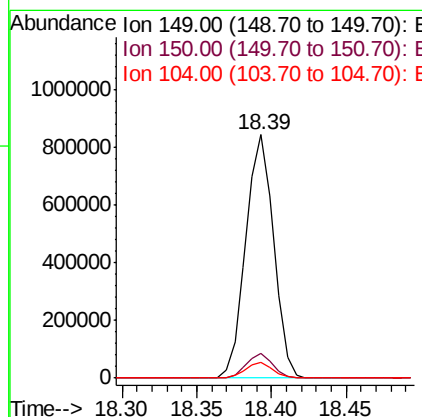
Manual Integrations
 APPROVED

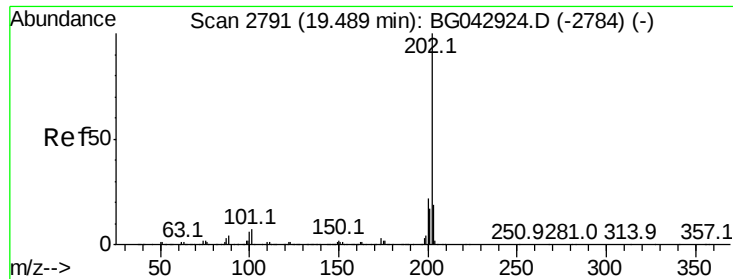
mohammad
 10/2/2019 4:00:26 PM



#74
 Di-n-butylphthalate
 Concen: 41.662 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042976.D
 Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	7.7	11.5	
104	6.4	5.0	7.6	





#75

Fluoranthene

Concen: 42.661 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

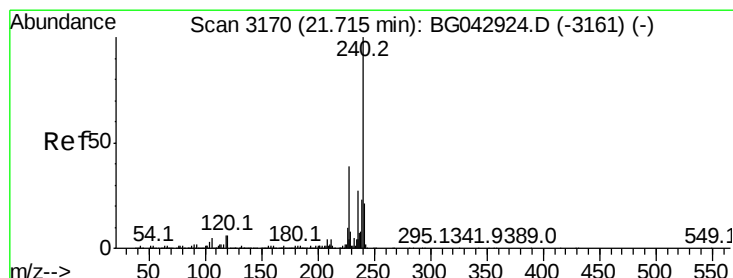
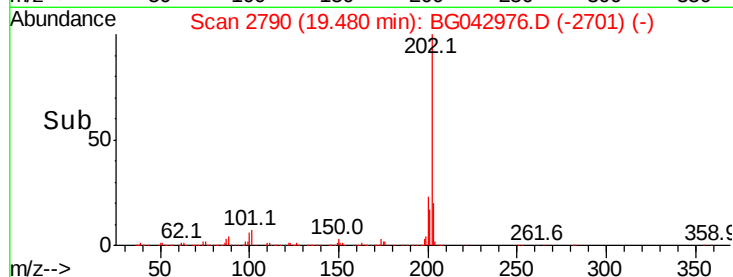
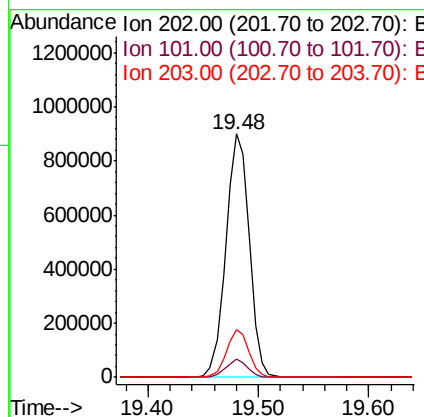
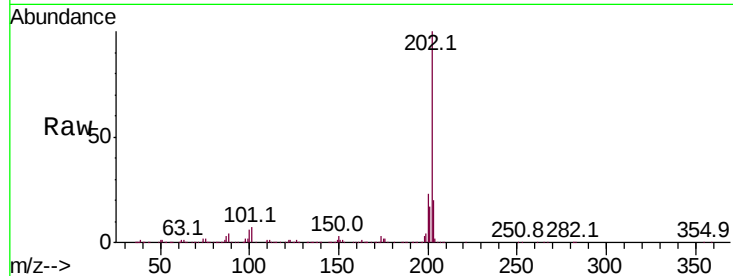
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.3
203	19.8	0.0	39.5

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#76

Chrysene-d12

Concen: 20.000 ng

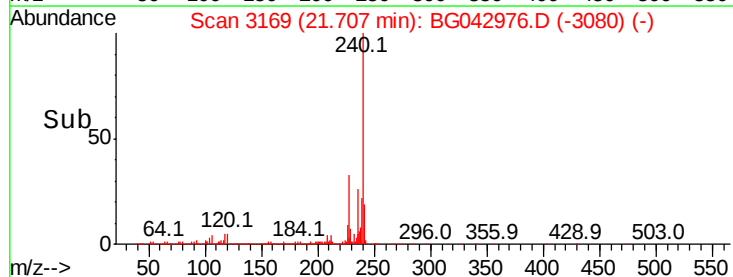
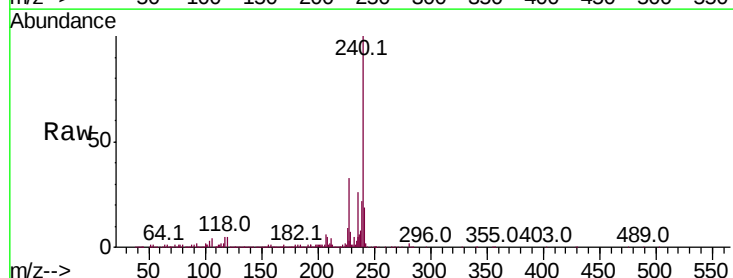
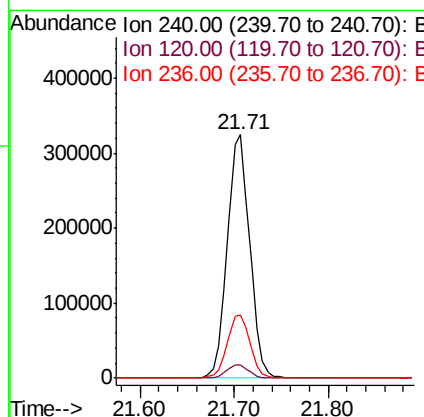
RT: 21.71 min Scan# 3169

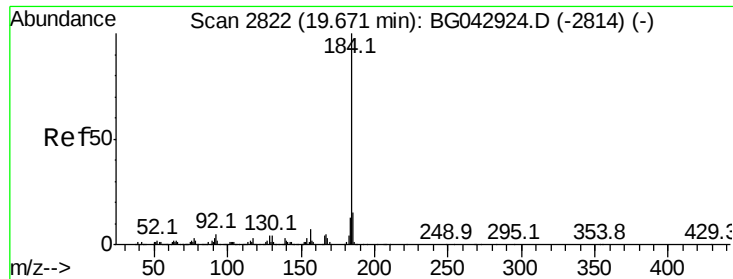
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	26.1	21.4	32.0





#77

Benzidine

Concen: 44.471 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

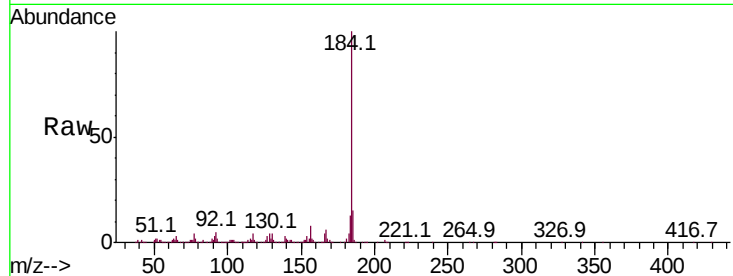
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.4	11.8	17.8	
183	13.1	10.1	15.1	

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM

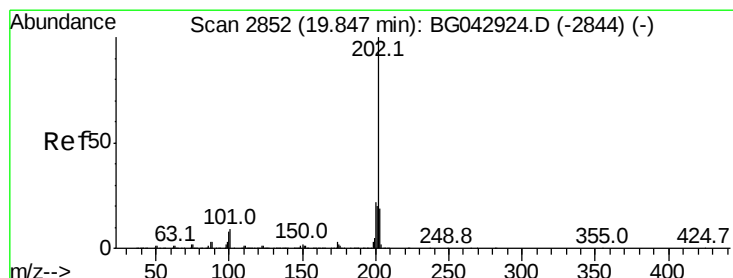
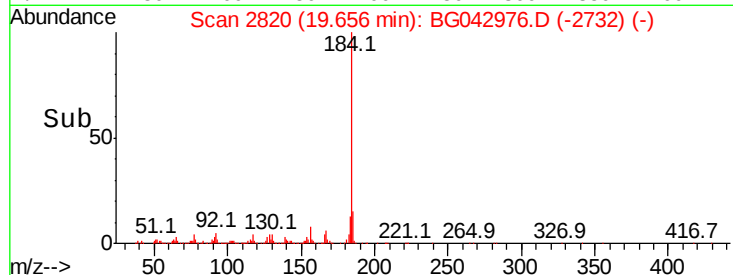
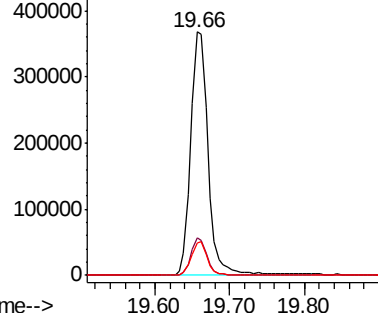


Abundance

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: 42.186 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

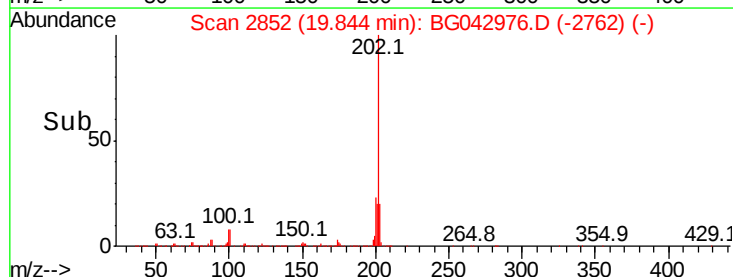
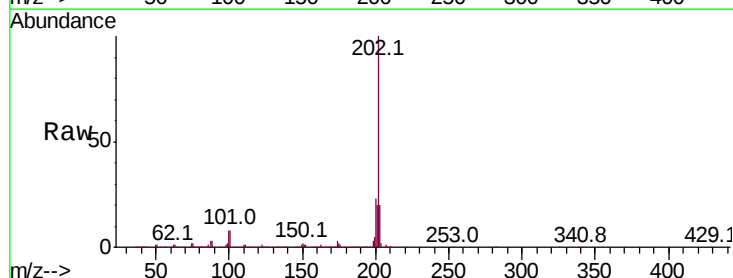
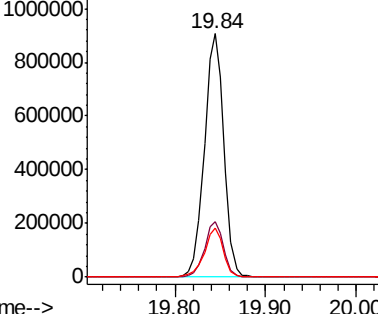
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.8	17.6	26.4	
203	20.1	15.2	22.8	

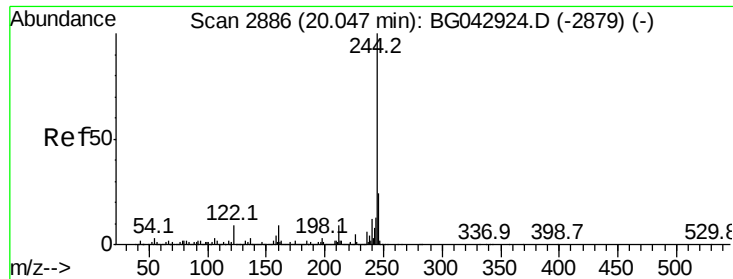
Abundance

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: 60.007 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

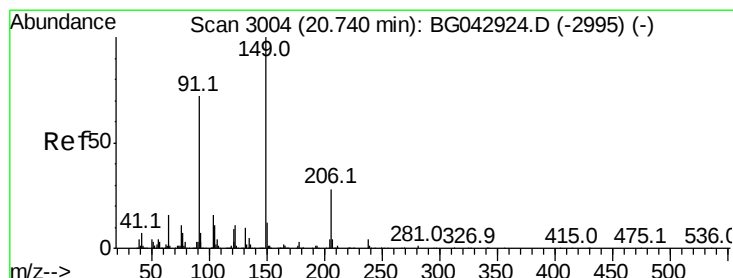
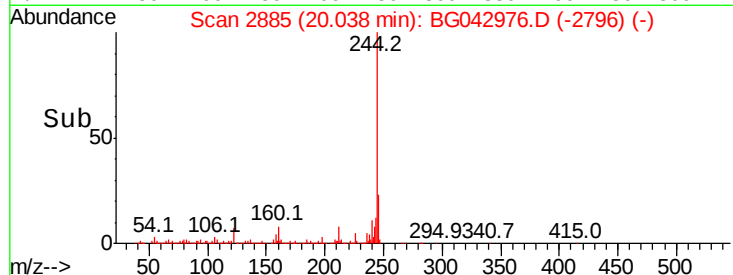
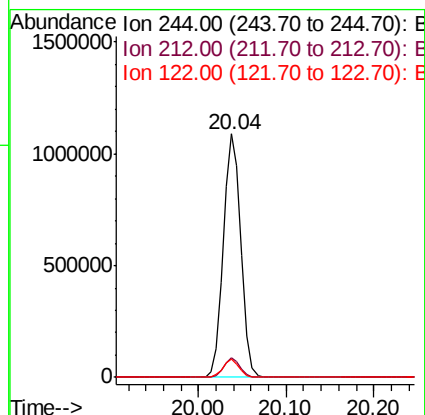
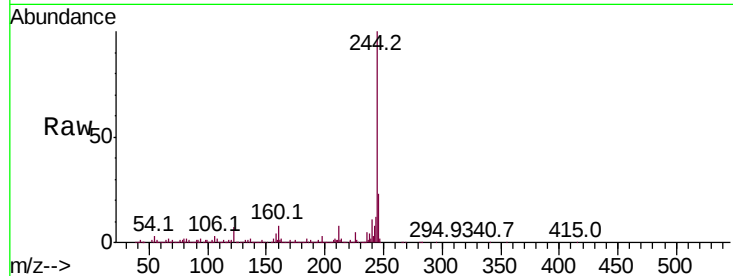
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.0
122	7.3	7.0	10.4

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#80

Butylbenzylphthalate

Concen: 42.736 ng

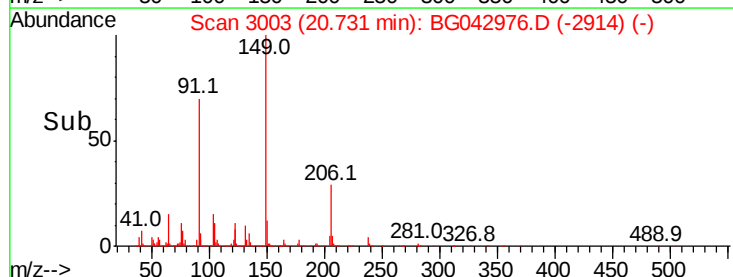
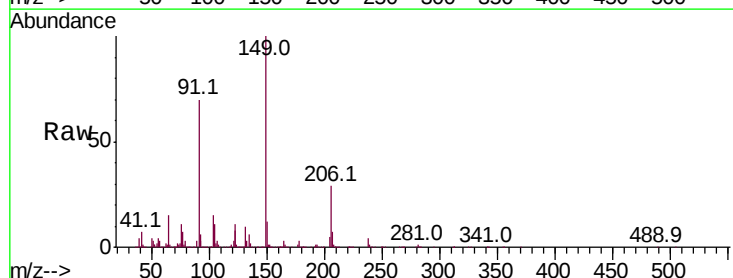
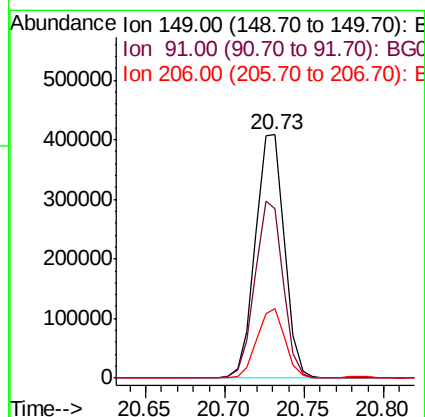
RT: 20.73 min Scan# 3003

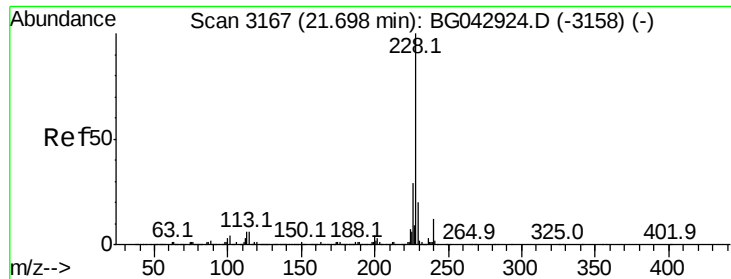
Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	57.7	86.5
206	28.8	22.6	33.8





#81

Benzo(a)anthracene

Concen: 42.058 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:228 Resp: 1407068

Ion Ratio Lower Upper

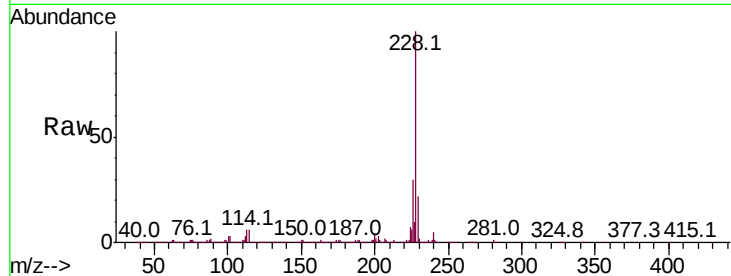
228 100

226 30.1 23.0 34.4

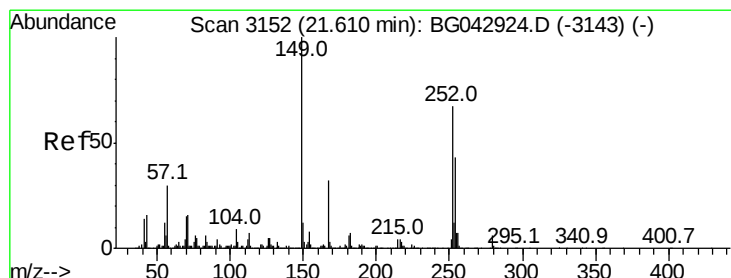
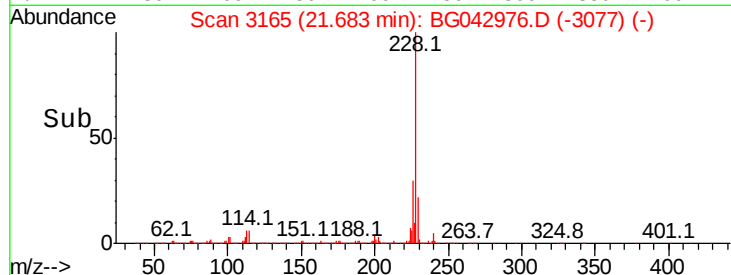
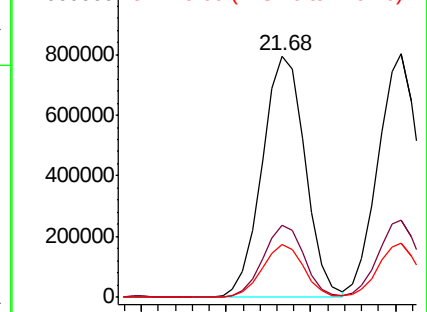
229 21.9 16.3 24.5

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 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: 28.216 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

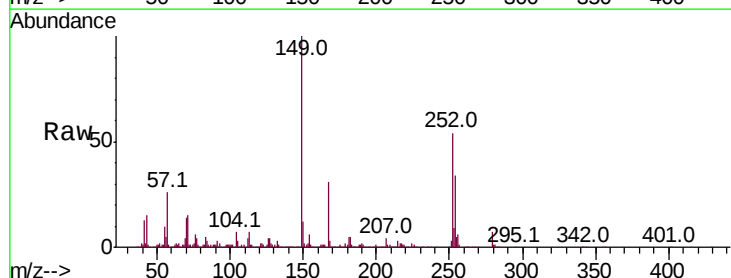
Tgt Ion:252 Resp: 370235

Ion Ratio Lower Upper

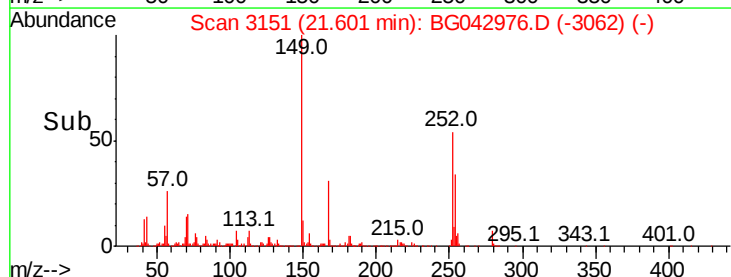
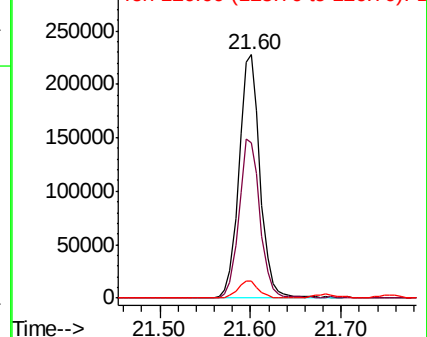
252 100

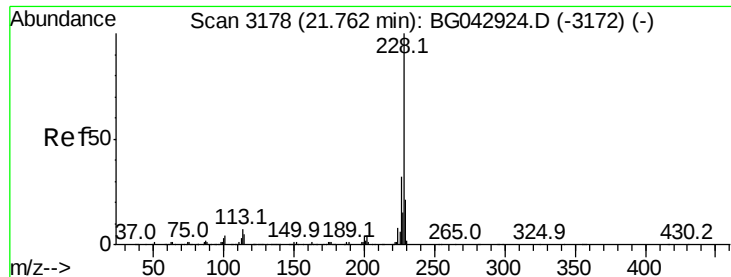
254 63.8 51.9 77.9

126 7.2 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





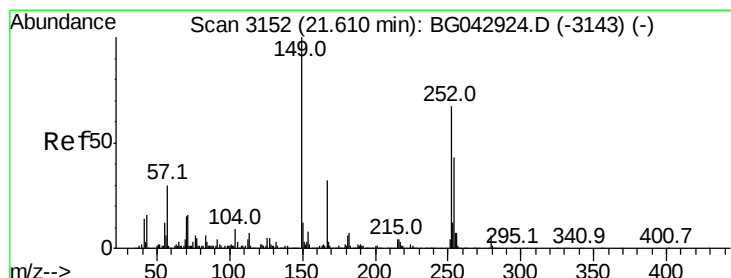
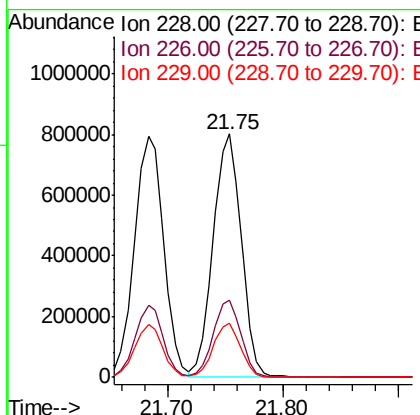
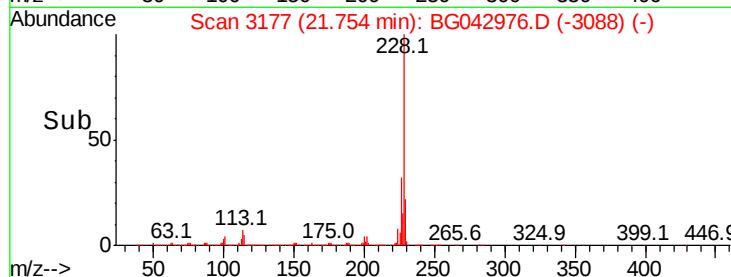
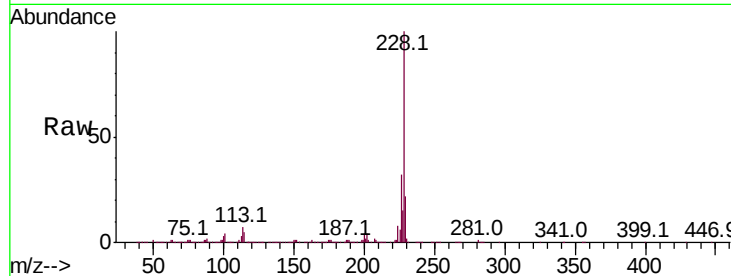
#83
Chrysene
Concen: 41.623 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.6	38.4
229	22.0	16.9	25.3

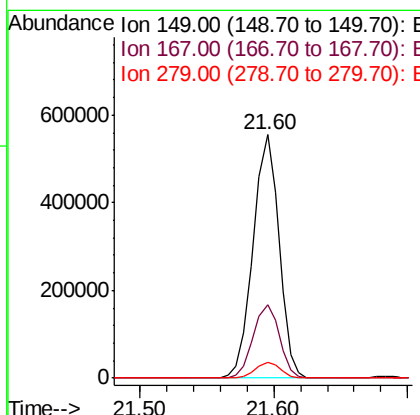
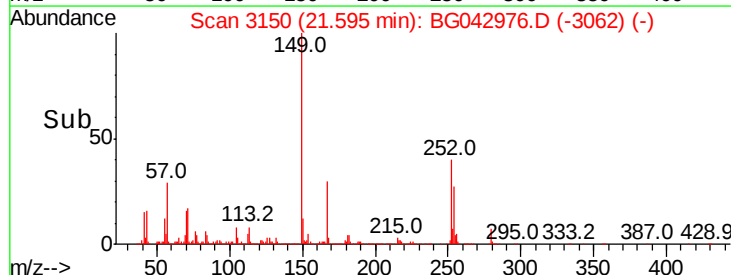
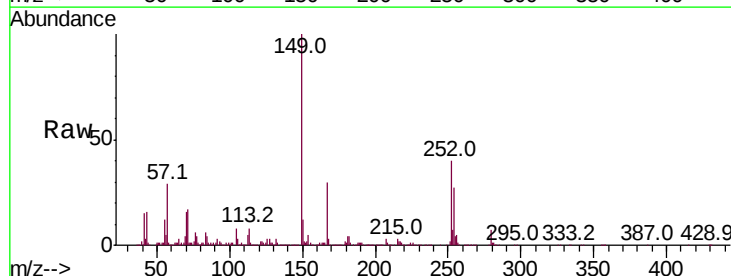
Manual Integrations
APPROVED

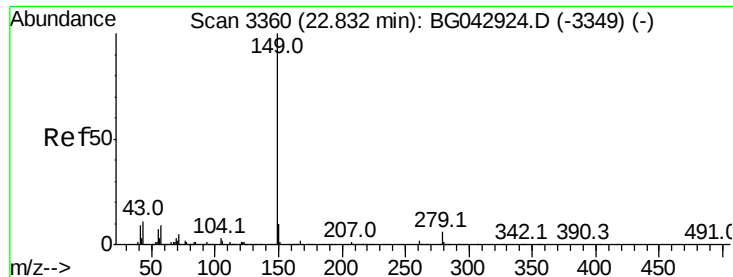
mohammad
10/2/2019 4:00:26 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.589 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG042976.D
Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	25.4	38.2
279	6.7	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 44.356 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:149 Resp: 1255436

Ion Ratio Lower Upper

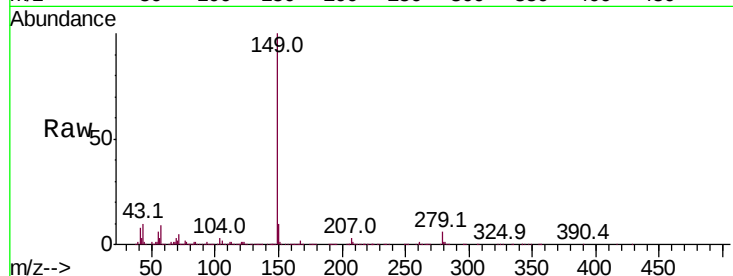
149 100

167 1.9 1.4 2.0

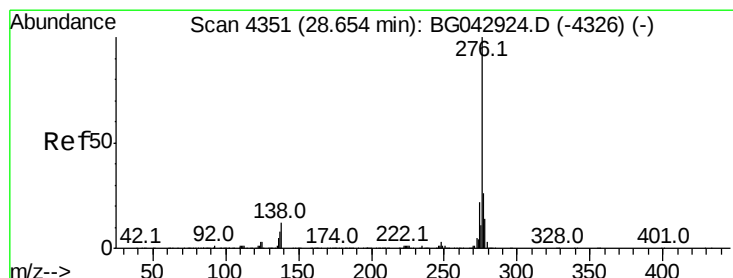
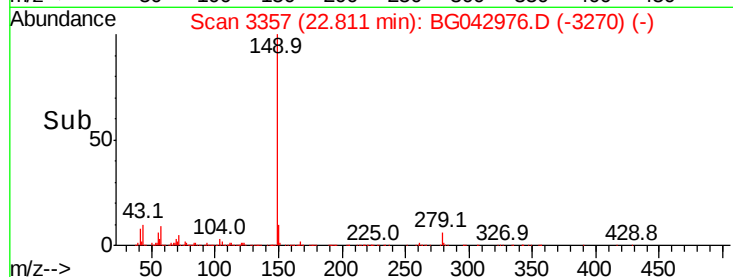
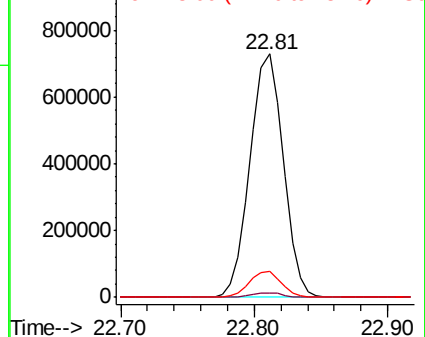
43 10.3 8.7 13.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.309 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.04 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

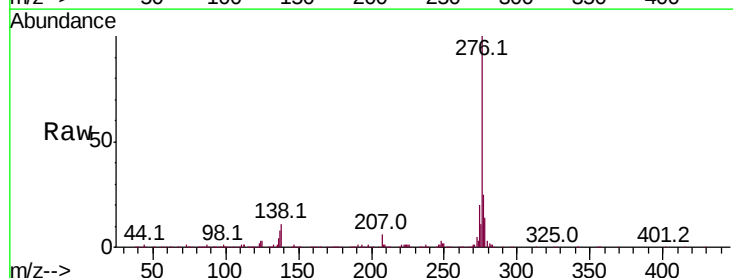
Tgt Ion:276 Resp: 1790851

Ion Ratio Lower Upper

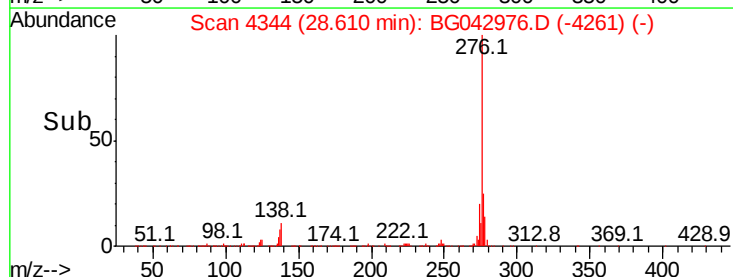
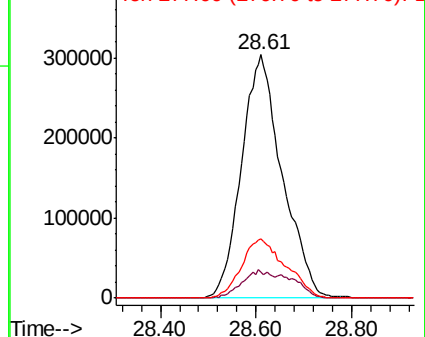
276 100

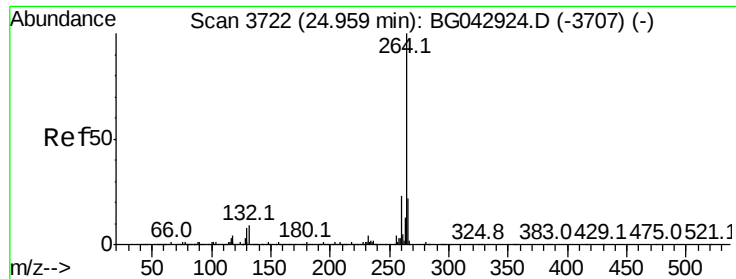
138 8.6 7.0 10.6

277 26.4 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

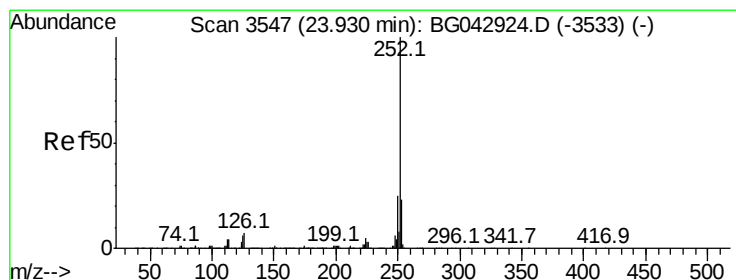
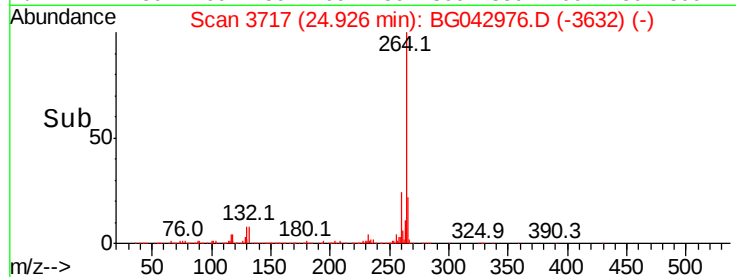
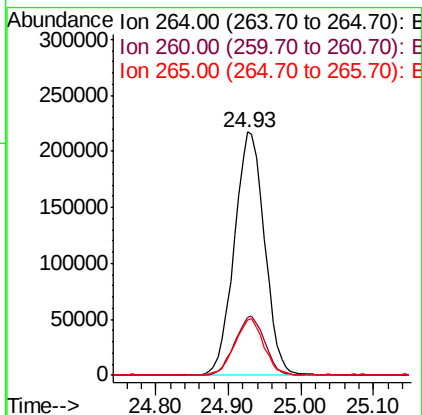
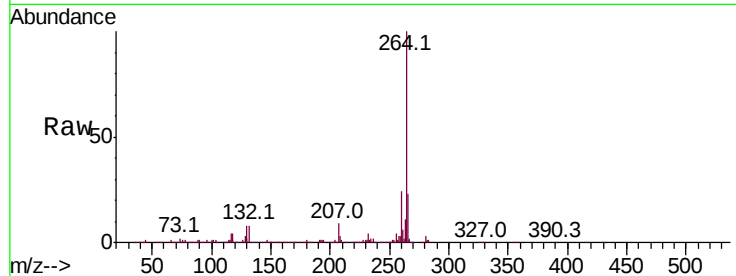
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:	264	Resp:	629778
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	22.7	17.7	26.5

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#88

Benzo(b)fluoranthene

Concen: 41.850 ng

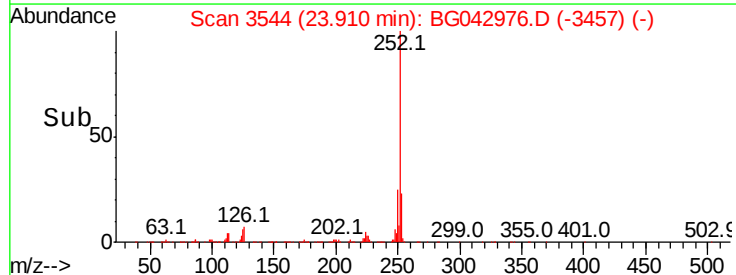
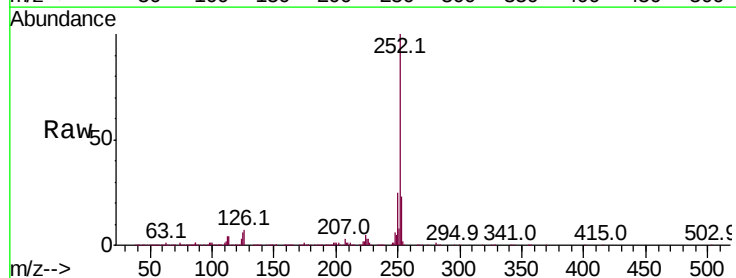
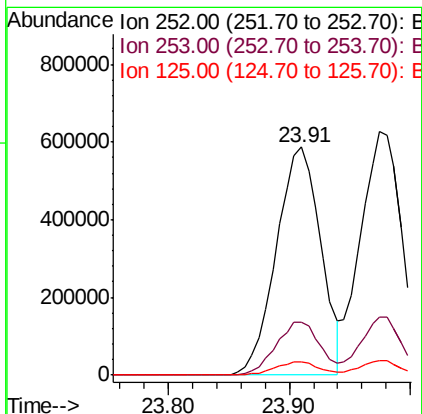
RT: 23.91 min Scan# 3544

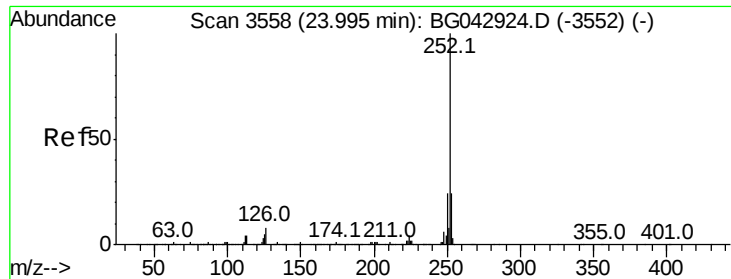
Delta R.T. -0.02 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion:	252	Resp:	1491313
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	5.9	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 42.480 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

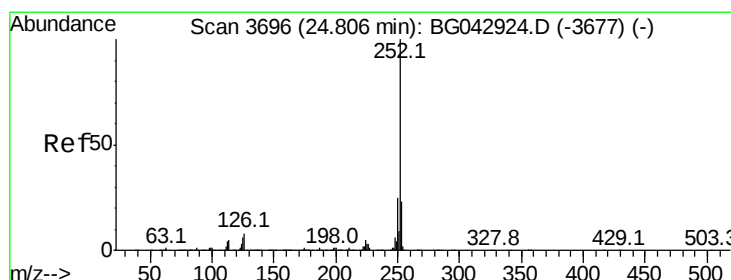
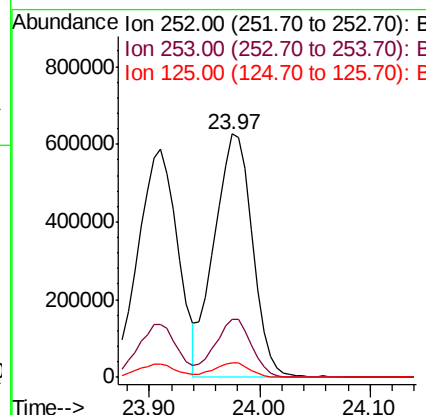
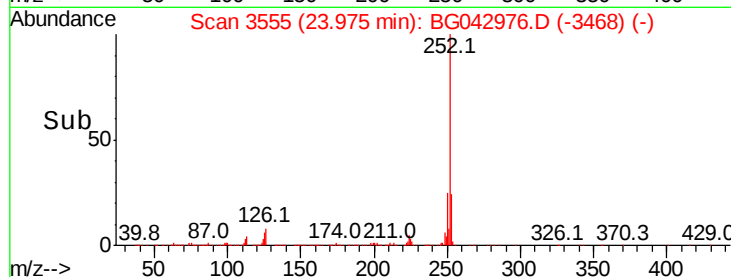
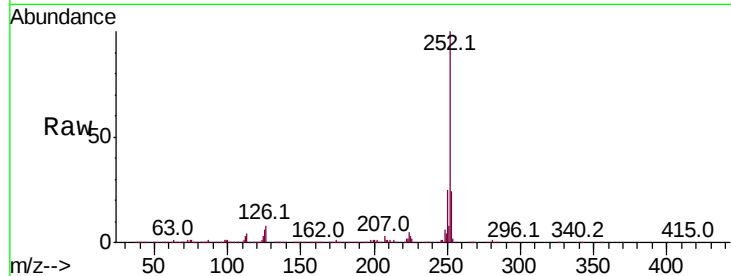
ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	6.1	4.5	6.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



#90

Benzo(a)pyrene

Concen: 44.242 ng

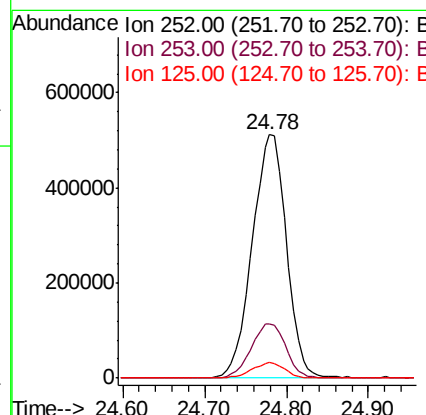
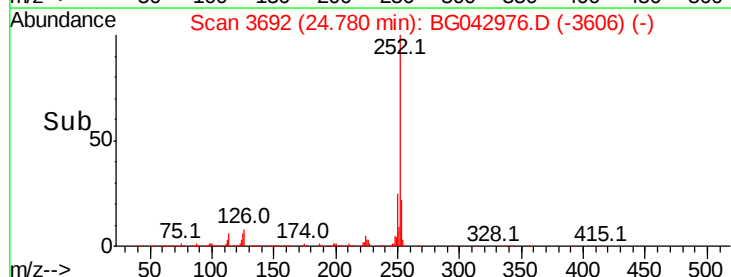
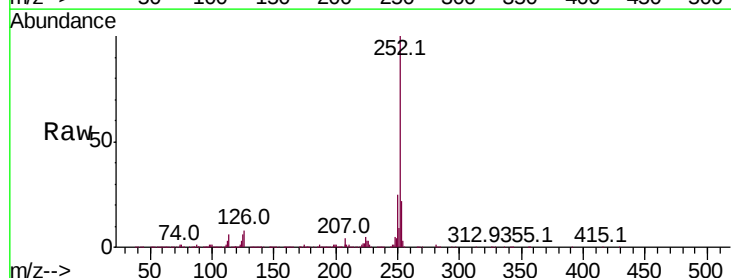
RT: 24.78 min Scan# 3692

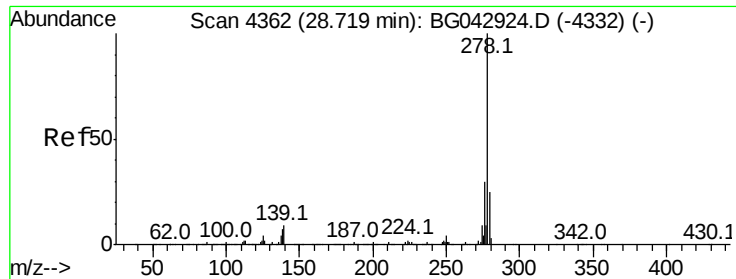
Delta R.T. -0.03 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	6.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.785 ng

RT: 28.67 min Scan# 4355

Delta R.T. -0.04 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

Instrument :

BNA_G

ClientSampleId :

MC-17-COMPOSITEMS

Tot Ion:278 Resp: 1509473

Ion Ratio Lower Upper

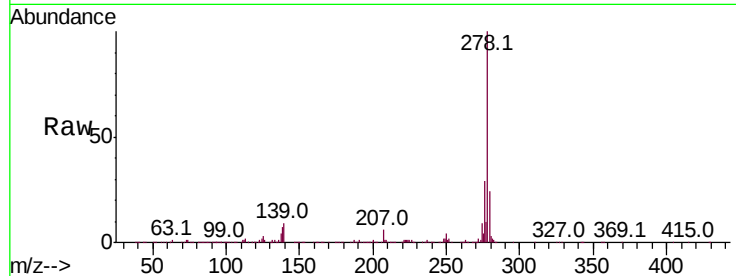
278 100

139 9.1 6.8 10.2

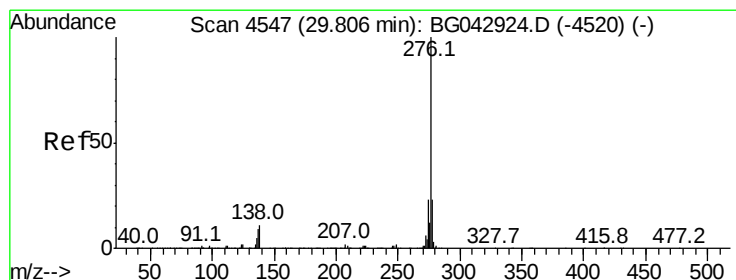
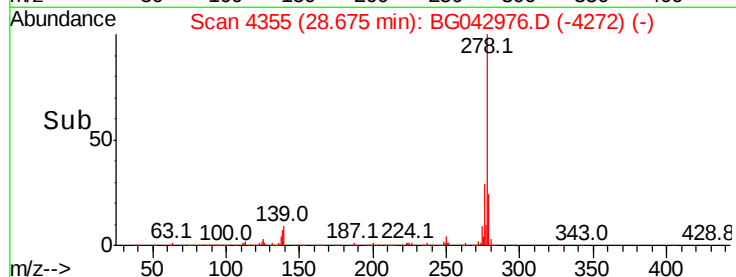
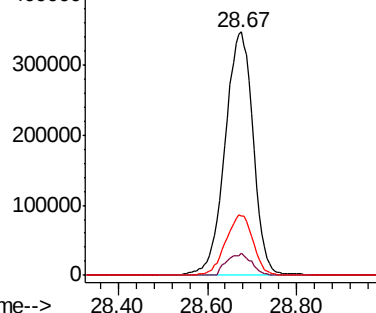
279 24.1 20.1 30.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:26 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.523 ng

RT: 29.76 min Scan# 4540

Delta R.T. -0.04 min

Lab File: BG042976.D

Acq: 1 Oct 2019 20:55

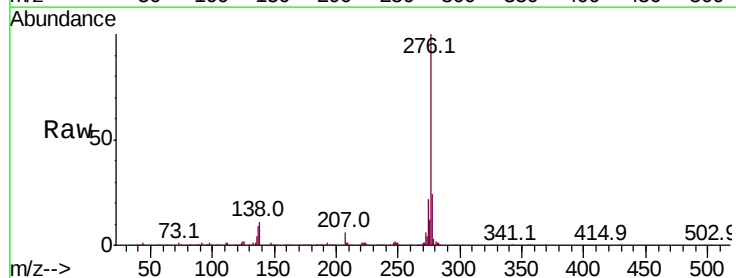
Tgt Ion:276 Resp: 1487207

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 11.4 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

