

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042977.D
 Acq On : 1 Oct 2019 21:34
 Operator : JU
 Sample : K5094-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:29 PM

Quant Time: Oct 02 01:52:14 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	73964	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	281125	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	201945	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	492333	20.00	ng	0.00
76) Chrysene-d12	21.71	240	534673	20.00	ng	0.00
87) Perylene-d12	24.93	264	628581	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	353111	85.20	ng	0.00
7) Phenol-d6	7.24	99	527277	88.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	331207	57.26	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	285488	82.21	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	723415	51.93	ng	0.00
79) Terphenyl-d14	20.04	244	1337573	53.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	56341	32.605	ng	95
3) Pyridine	3.95	79	143543	29.535	ng	94
4) n-Nitrosodimethylamine	3.86	42	93509	40.010	ng	# 95
6) Aniline	7.40	93	221920	30.803	ng	98
8) 2-Chlorophenol	7.64	128	190448	44.063	ng	100
9) Benzaldehyde	7.21	77	125144	34.314	ng	97
10) Phenol	7.27	94	246776	45.067	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	164586	38.847	ng	97
12) 1,3-Dichlorobenzene	7.96	146	206338	37.422	ng	99
13) 1,4-Dichlorobenzene	8.11	146	207496	37.750	ng	98
14) 1,2-Dichlorobenzene	8.42	146	198957	38.020	ng	95
15) Benzyl Alcohol	8.31	79	187868	41.867	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	279710	34.377	ng	99
17) 2-Methylphenol	8.52	107	164928	43.046	ng	98
18) Hexachloroethane	9.16	117	77537	37.456	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	149550	38.160	ng	97
20) 3+4-Methylphenols	8.84	107	227174	43.266	ng	98
22) Acetophenone	8.89	105	285335	39.375	ng	# 96
24) Nitrobenzene	9.27	77	226139	40.990	ng	99
25) Isophorone	9.79	82	418535	41.196	ng	99
26) 2-Nitrophenol	9.99	139	108042	46.004	ng	97
27) 2,4-Dimethylphenol	10.05	122	180051	49.921	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	234639	40.706	ng	99
29) 2,4-Dichlorophenol	10.53	162	205802	45.880	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	230247	39.748	ng	95
31) Naphthalene	10.93	128	573569	41.447	ng	99
32) Benzoic acid	10.19	122	132606	47.362	ng	96
33) 4-Chloroaniline	11.03	127	136668	22.759	ng	97
34) Hexachlorobutadiene	11.21	225	165122	38.070	ng	97
35) Caprolactam	11.81	113	68749m	43.461	ng	
36) 4-Chloro-3-methylphenol	12.15	107	224483	46.027	ng	92
37) 2-Methylnaphthalene	12.52	142	442514	41.916	ng	98
38) 1-Methylnaphthalene	12.74	142	413200	41.363	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	293590	38.666	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042977.D
 Acq On : 1 Oct 2019 21:34
 Operator : JU
 Sample : K5094-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITMSD

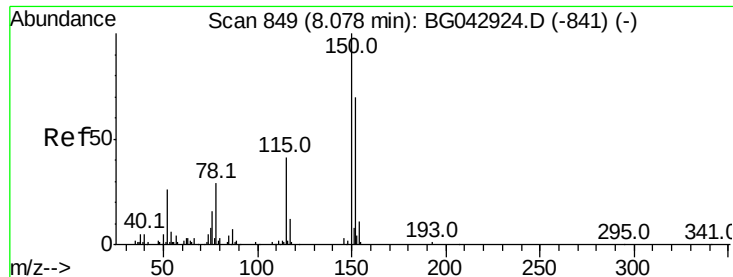
Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:29 PM

Quant Time: Oct 02 01:52:14 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	432333	89.364	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	195976	44.097	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	214834	46.925	ng	98
46) 1,1'-Biphenyl	13.52	154	605278	39.523	ng	99
47) 2-Chloronaphthalene	13.57	162	470178	40.949	ng	98
48) 2-Nitroaniline	13.77	65	162346	42.518	ng	91
49) Acenaphthylene	14.41	152	758165	43.153	ng	100
50) Dimethylphthalate	14.15	163	680865	44.998	ng	99
51) 2,6-Dinitrotoluene	14.26	165	144536	44.856	ng	96
52) Acenaphthene	14.75	154	476369	40.508	ng	98
53) 3-Nitroaniline	14.59	138	95120	28.564	ng	93
54) 2,4-Dinitrophenol	14.79	184	186091	92.911	ng	95
55) Dibenzofuran	15.09	168	738961	42.478	ng	100
56) 4-Nitrophenol	14.91	139	238124	93.850	ng	93
57) 2,4-Dinitrotoluene	15.05	165	202141	42.838	ng	97
58) Fluorene	15.73	166	625473	42.113	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	214566	44.017	ng	100
60) Diethylphthalate	15.50	149	626524	40.686	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	365890	41.077	ng	98
62) 4-Nitroaniline	15.76	138	148136	40.788	ng	92
63) Azobenzene	16.02	77	577913	41.222	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	130258	46.755	ng	98
66) n-Nitrosodiphenylamine	15.94	169	563055	43.322	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	260547	42.165	ng	97
68) Hexachlorobenzene	16.74	284	277703	40.363	ng	98
69) Atrazine	16.89	200	219226	40.056	ng	96
70) Pentachlorophenol	17.08	266	370581	93.345	ng	98
71) Phenanthrene	17.48	178	997134	41.485	ng	99
72) Anthracene	17.57	178	1020088	42.512	ng	99
73) Carbazole	17.84	167	950709	42.726	ng	99
74) Di-n-butylphthalate	18.39	149	1088129	40.986	ng	98
75) Fluoranthene	19.48	202	1335217	41.999	ng	99
77) Benzidine	19.66	184	630028	47.060	ng	99
78) Pyrene	19.85	202	1355662	42.480	ng	99
80) Butylbenzylphthalate	20.73	149	512049	42.272	ng	99
81) Benzo(a)anthracene	21.68	228	1390151	41.727	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	383212	29.328	ng	99
83) Chrysene	21.75	228	1341232	41.486	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	734025	42.586	ng	97
85) Di-n-octyl phthalate	22.81	149	1231025	43.676	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1754485	43.592	ng	99
88) Benzo(b)fluoranthene	23.91	252	1495951	42.060	ng	100
89) Benzo(k)fluoranthene	23.98	252	1463560	41.596	ng	99
90) Benzo(a)pyrene	24.78	252	1459062	43.482	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1477930	42.952	ng	98
92) Benzo(g,h,i)perylene	29.75	276	1466039	43.973	ng	98

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



#1

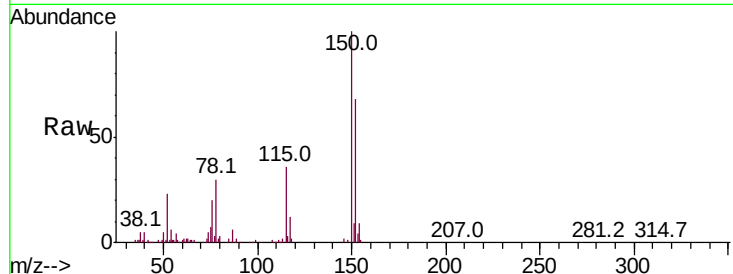
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	115.0	172.4
115	53.2	47.0	70.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM

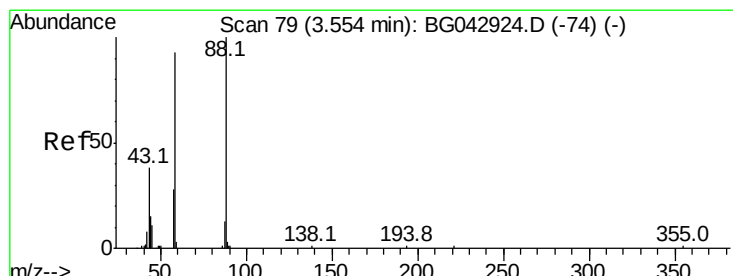
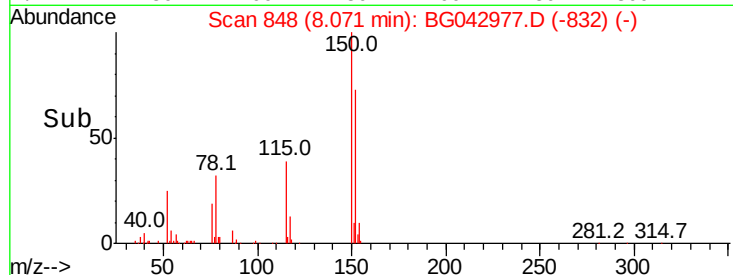
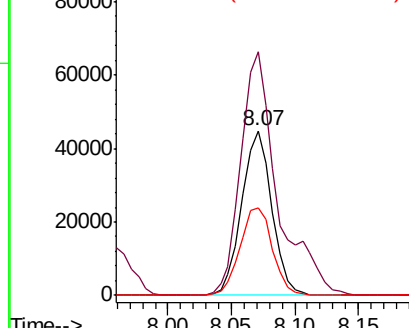


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

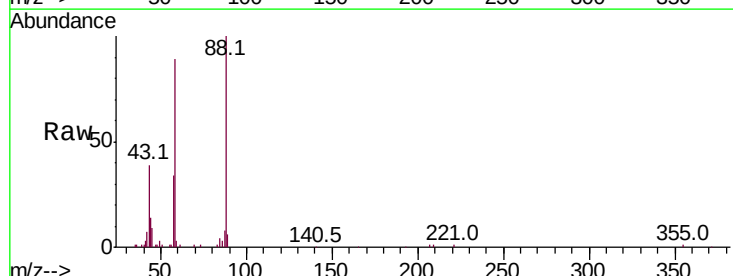
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.605 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	74.3	111.5
43	39.3	29.8	44.8

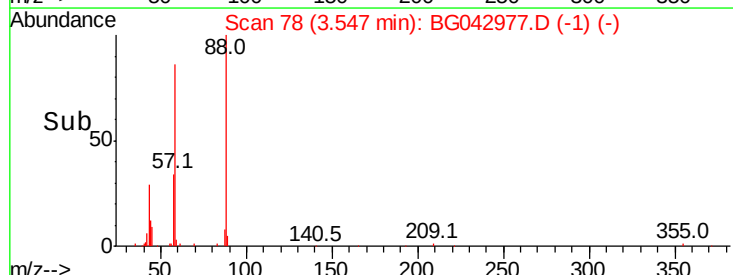
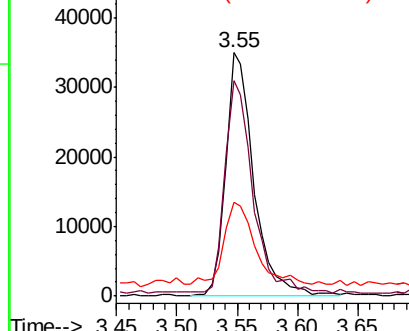


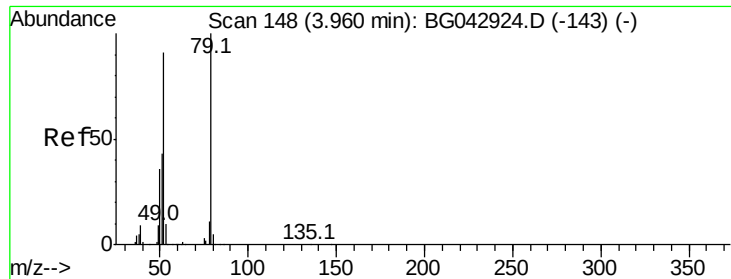
Abundance

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: 29.535 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

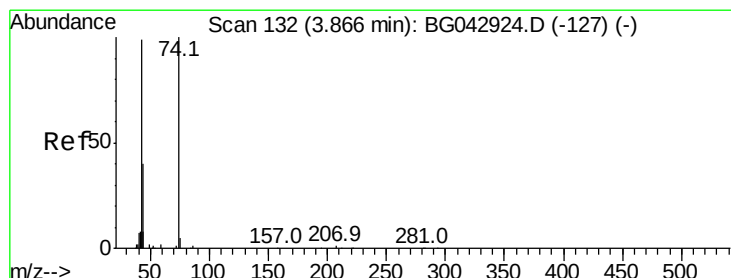
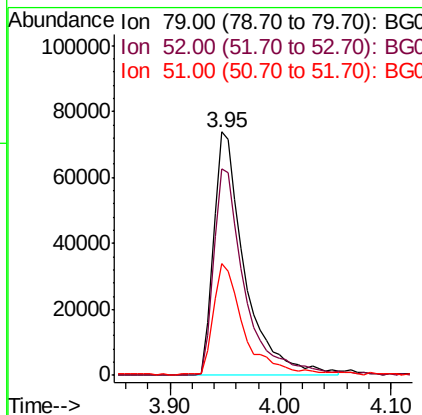
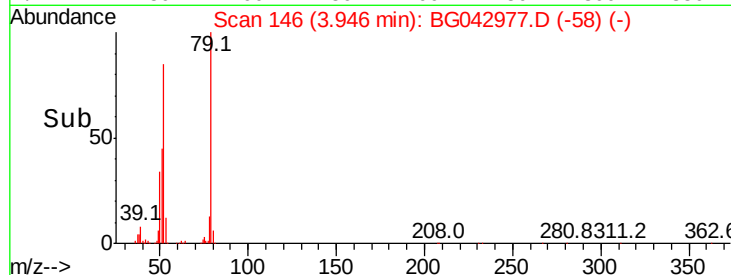
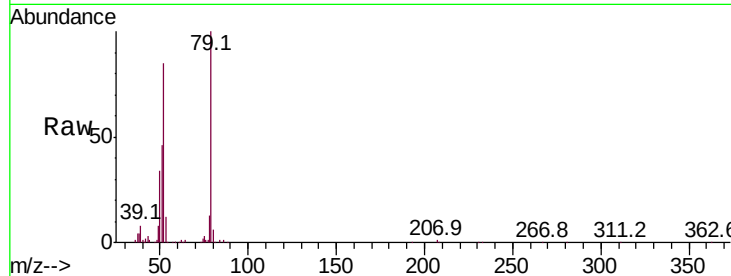
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	79	Resp:	143543
Ion	Ratio	Lower	Upper
79	100		
52	84.8	73.0	109.4
51	45.8	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#4

n-Nitrosodimethylamine

Concen: 40.010 ng

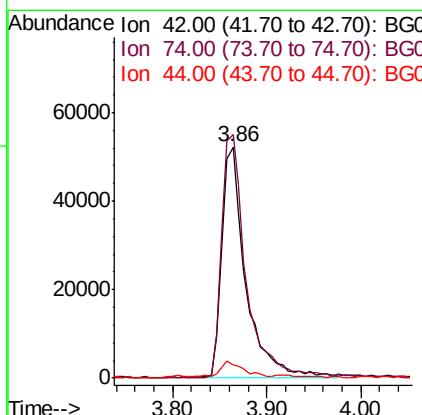
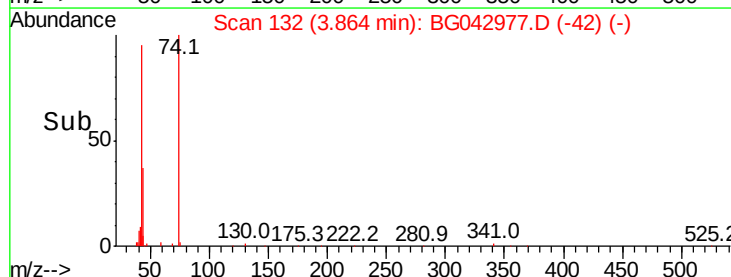
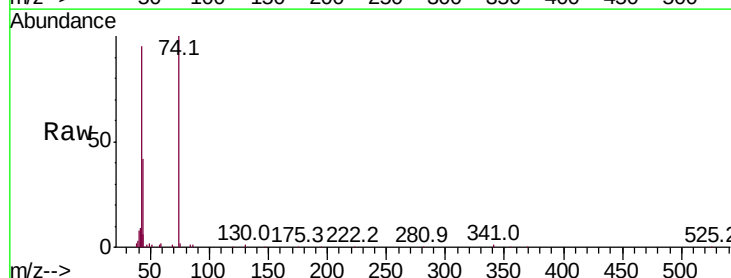
RT: 3.86 min Scan# 132

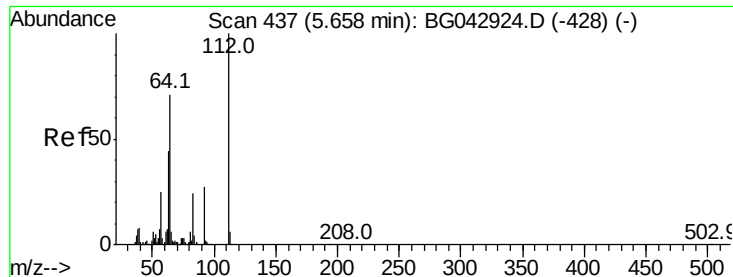
Delta R.T. -0.00 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	42	Resp:	93509
Ion	Ratio	Lower	Upper
42	100		
74	105.3	80.5	120.7
44	5.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 85.199 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

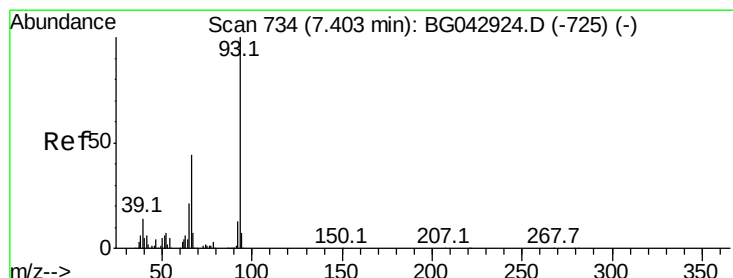
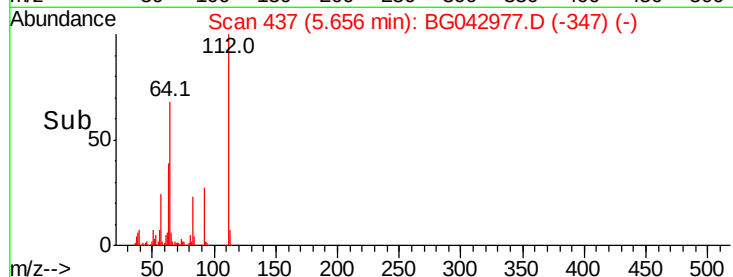
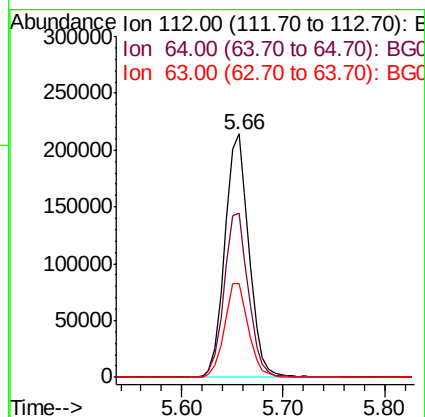
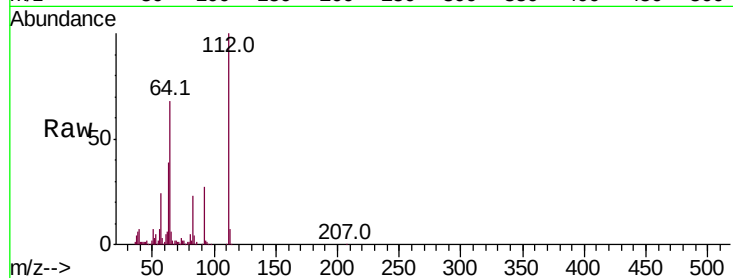
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	112	Resp:	353111
Ion Ratio	Lower	Upper	
112	100		
64	67.7	56.6	84.8
63	38.7	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#6

Aniline

Concen: 30.803 ng

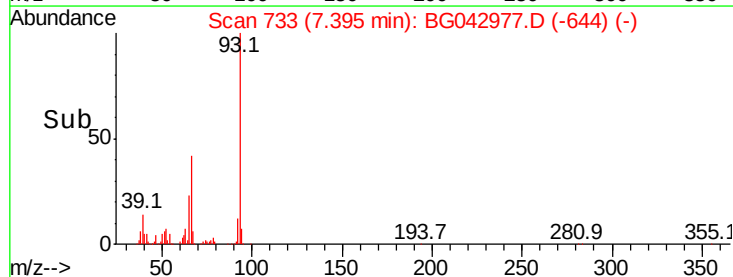
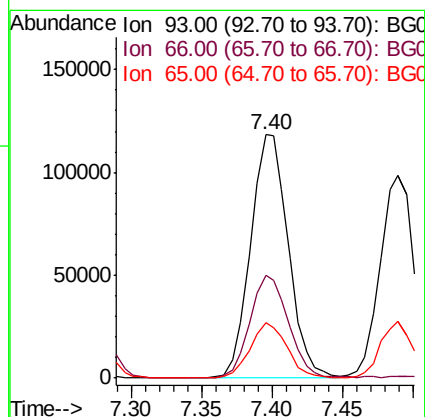
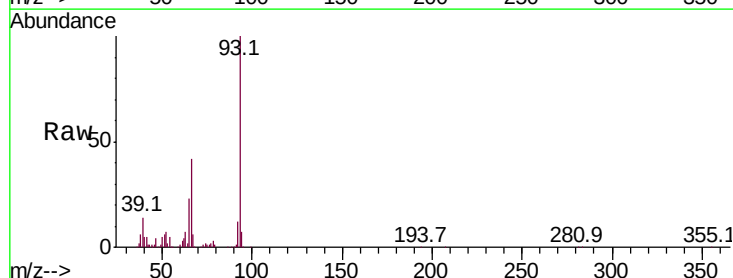
RT: 7.40 min Scan# 733

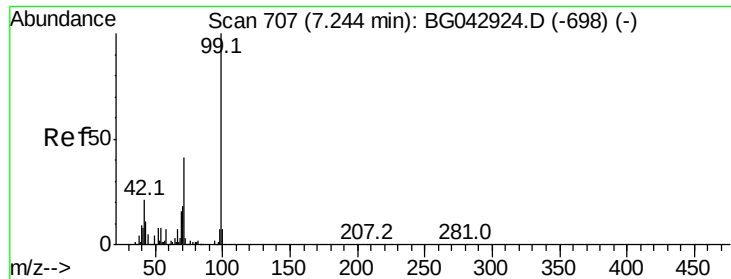
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	93	Resp:	221920
Ion Ratio	Lower	Upper	
93	100		
66	42.3	35.0	52.6
65	22.6	17.4	26.0





#7

Phenol-d6

Concen: 88.345 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

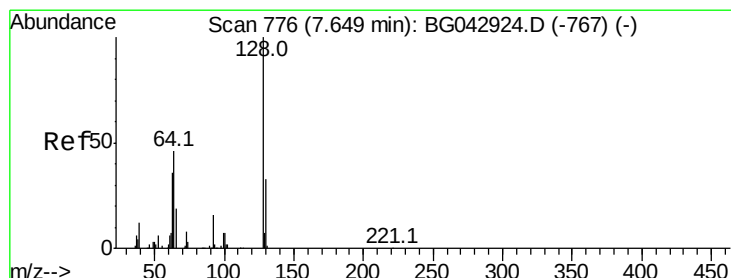
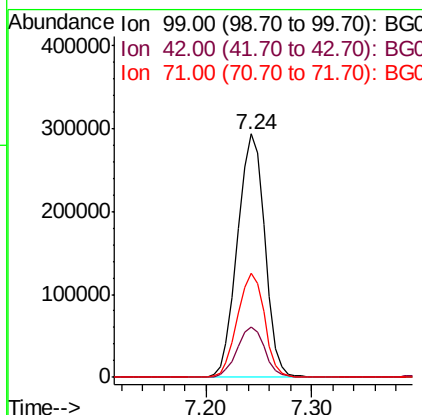
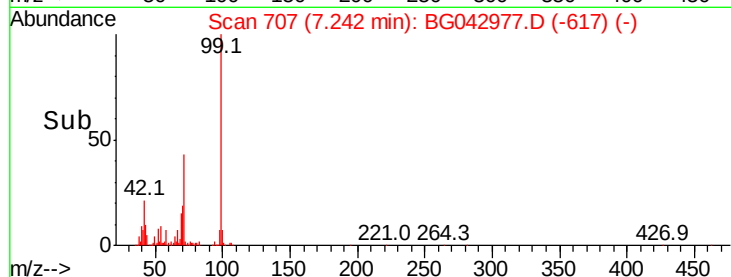
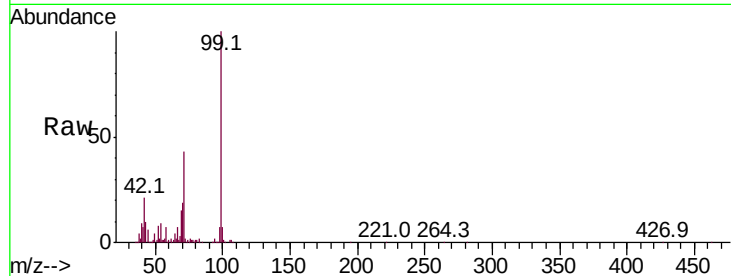
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	99	Resp:	527277
Ion Ratio	Lower	Upper	
99	100		
42	20.6	17.2	25.8
71	42.6	33.1	49.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#8

2-Chlorophenol

Concen: 44.063 ng

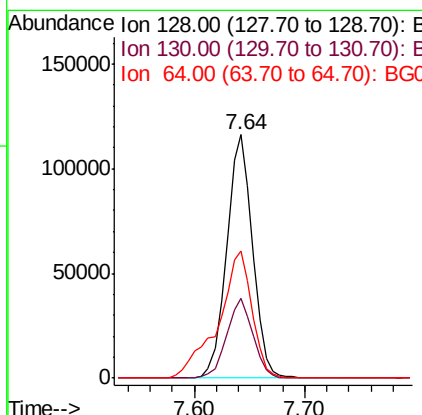
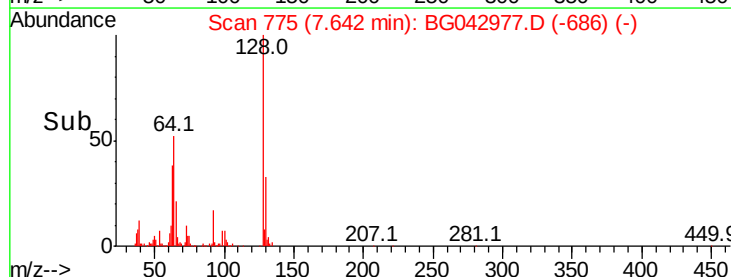
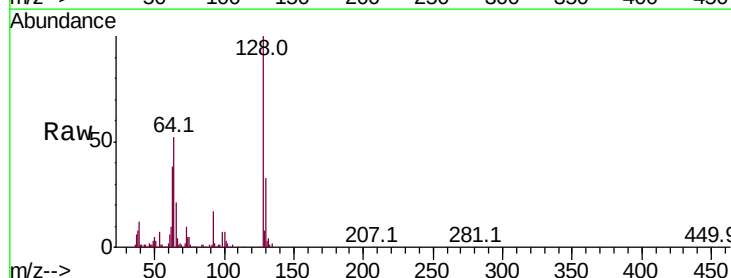
RT: 7.64 min Scan# 775

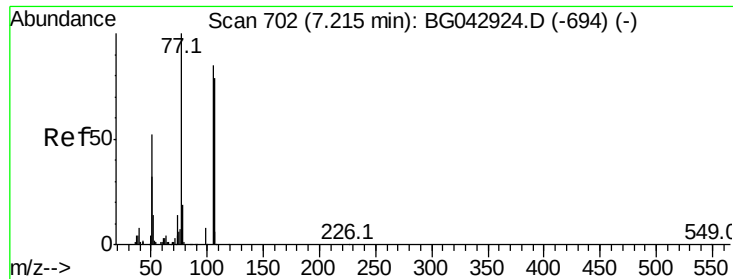
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	128	Resp:	190448
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.5	52.5
64	52.3	32.8	72.8





#9

Benzaldehyde

Concen: 34.314 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

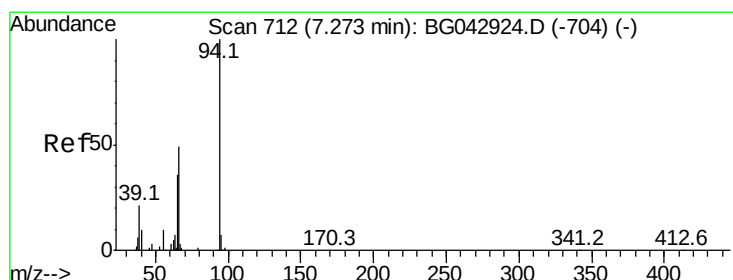
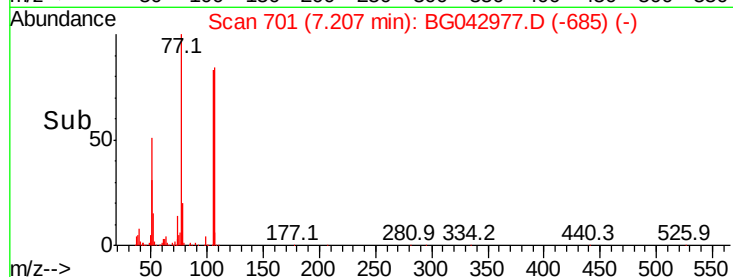
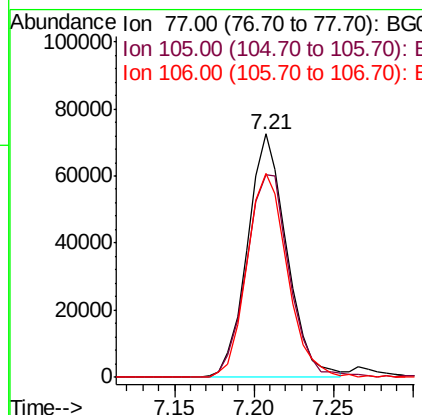
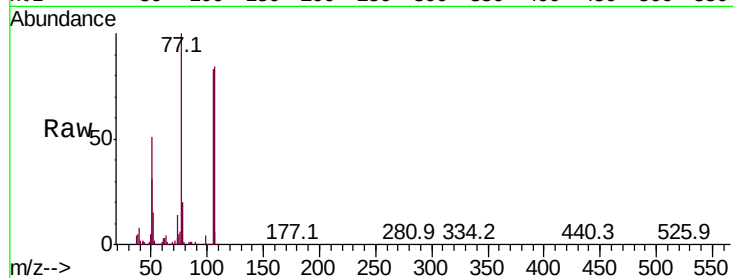
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.3	64.6	104.6
106	83.9	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#10

Phenol

Concen: 45.067 ng

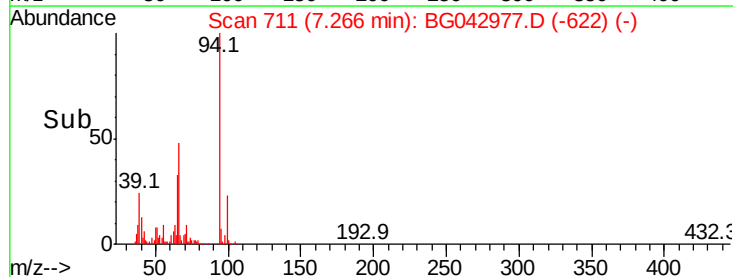
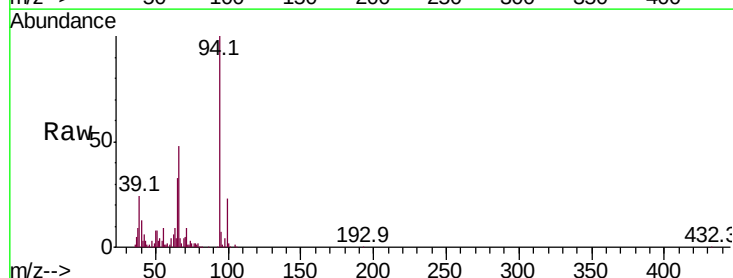
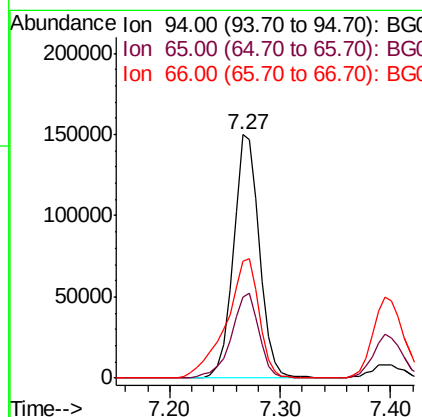
RT: 7.27 min Scan# 711

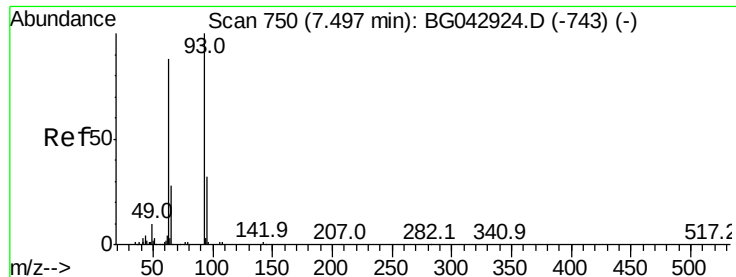
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	16.6	56.6
66	48.3	32.4	72.4





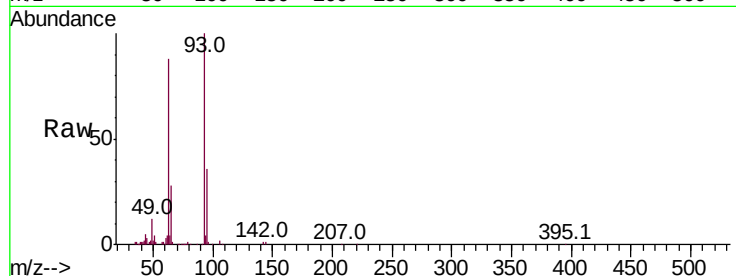
#11
bis(2-Chloroethyl)ether
Concen: 38.847 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	164586		
63	88.1		67.4	107.4
95	36.1		11.9	51.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM

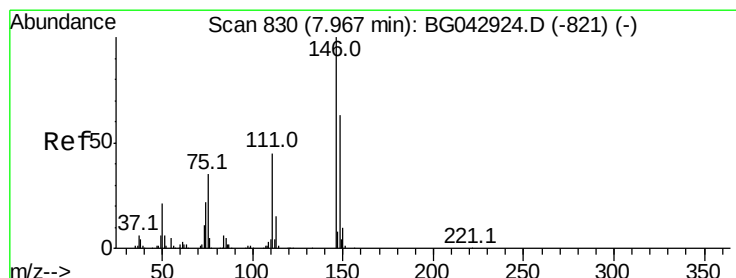
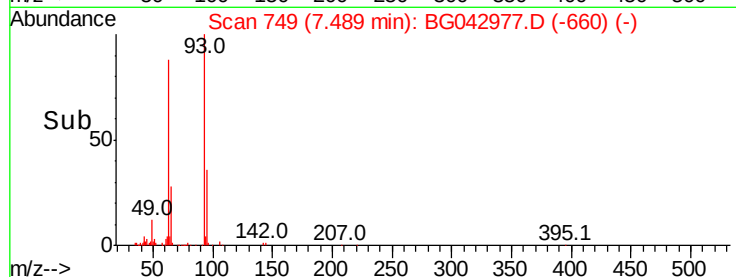
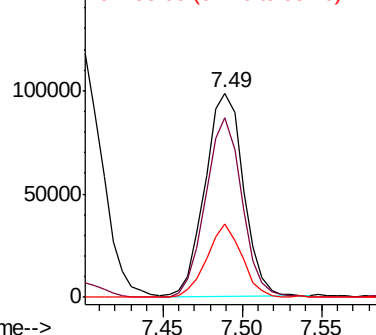


Abundance

Ion 93.00 (92.70 to 93.70): BGC

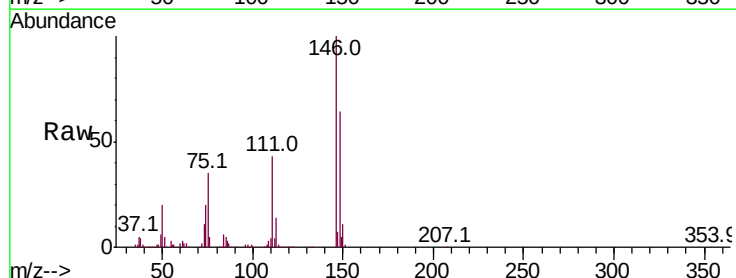
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 37.422 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206338		
148	64.3		50.7	76.1
75	35.2		27.7	41.5

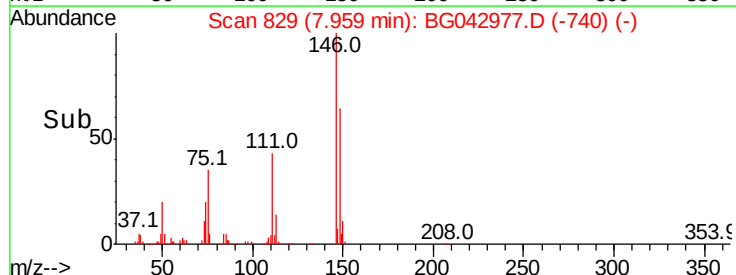
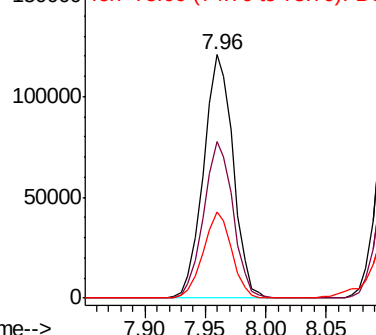


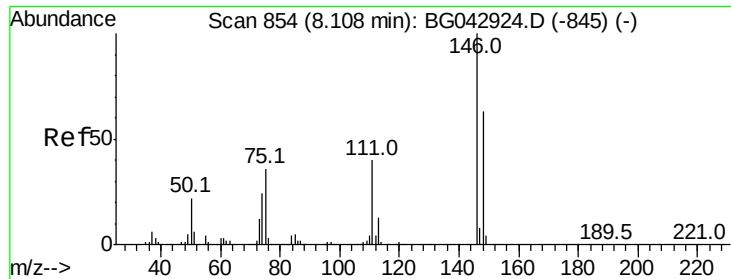
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





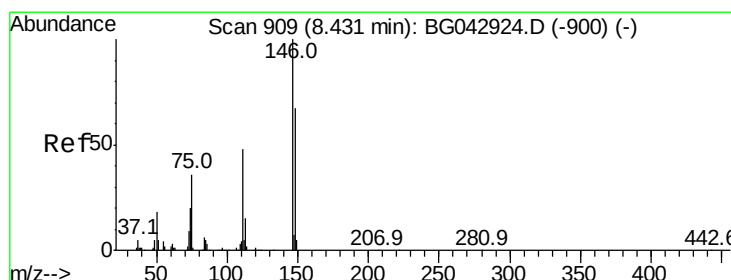
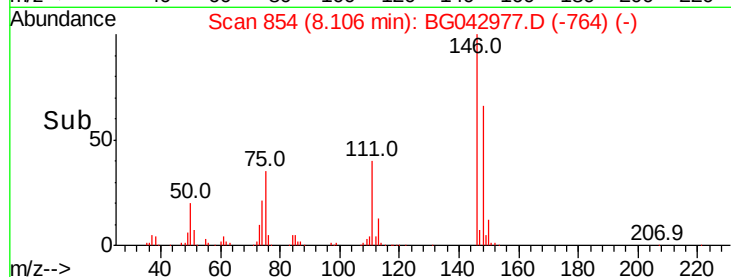
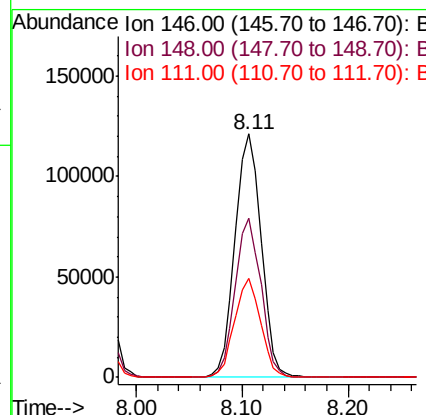
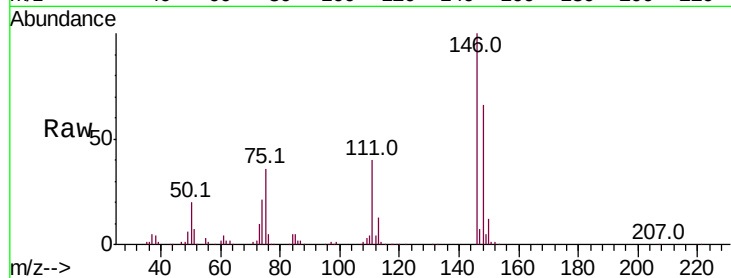
#13
 1,4-Dichlorobenzene
 Concen: 37.750 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
111	40.4	31.8	47.8

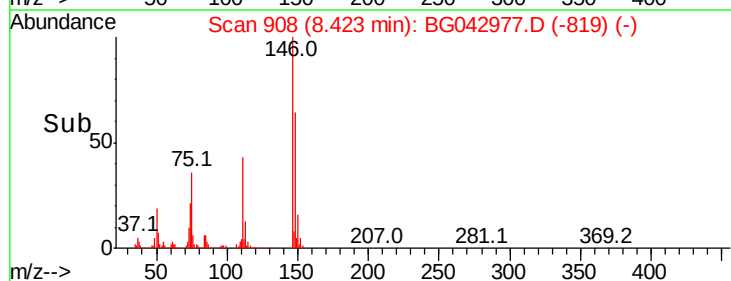
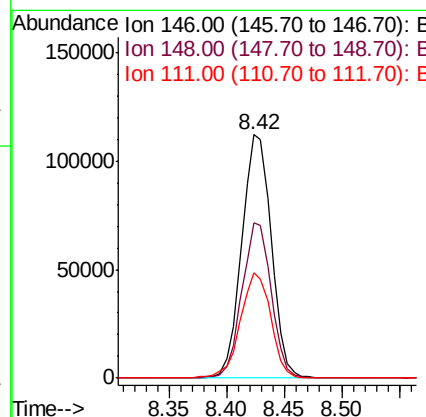
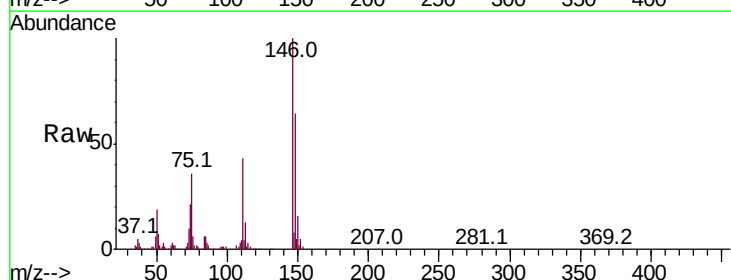
Manual Integrations
 APPROVED

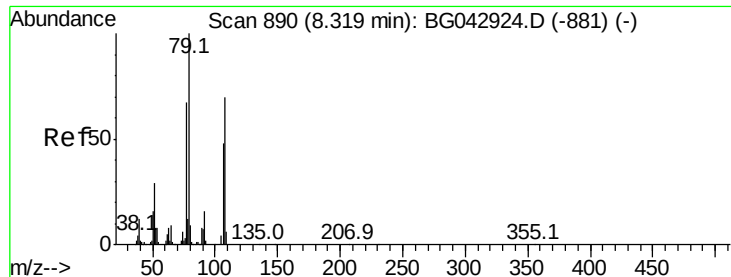
mohammad
 10/2/2019 4:00:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.020 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.2
111	43.2	38.5	57.7





#15

Benzyl Alcohol

Concen: 41.867 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

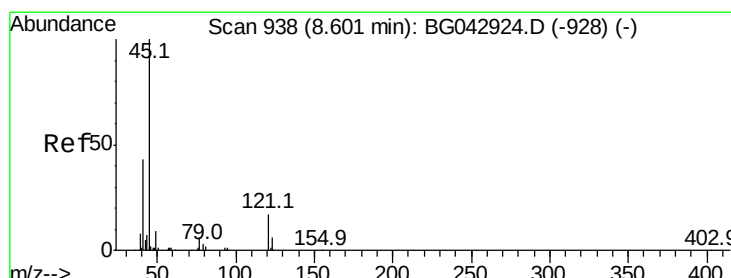
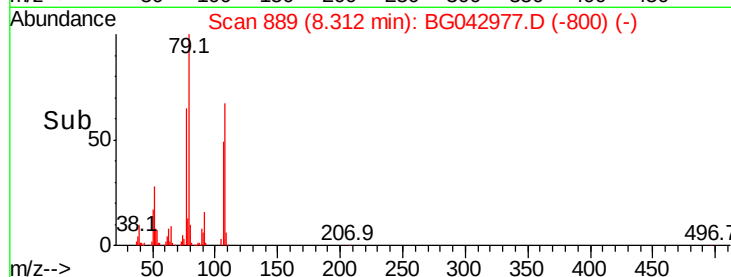
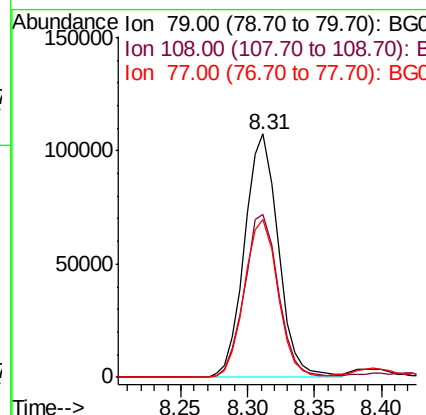
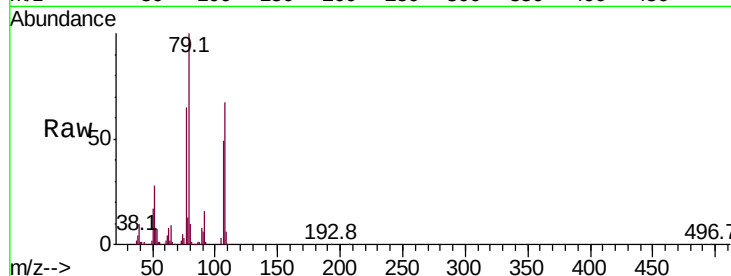
ClientSampleId :

MC-17-COMPOSITE.MSD

Tot Ion:	79	Resp:	187868
Ion Ratio	Lower	Upper	
79	100		
108	67.1	55.7	83.5
77	64.9	53.3	79.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.377 ng

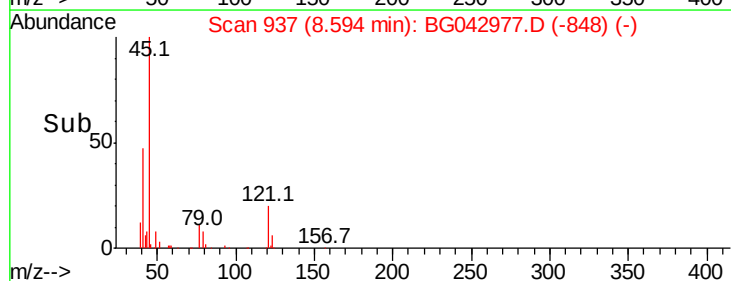
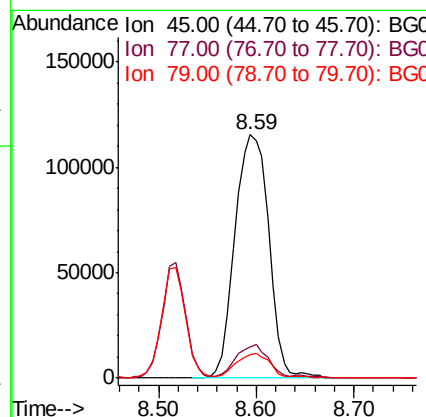
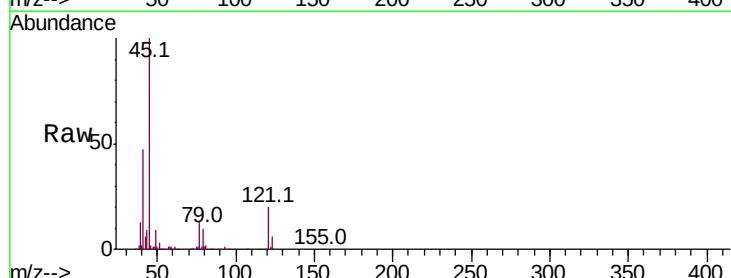
RT: 8.59 min Scan# 937

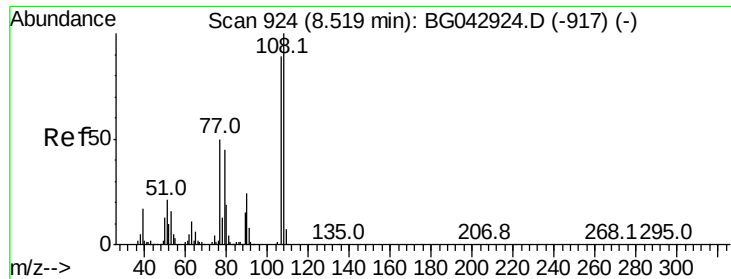
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	45	Resp:	279710
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	32.8
79	9.8	0.0	29.4





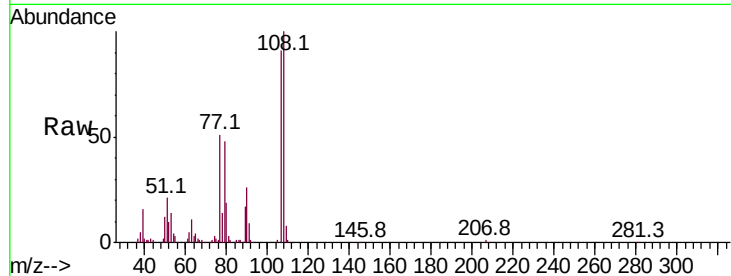
#17
2-Methylphenol
Concen: 43.046 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITE.MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	89.9	134.9	
77	55.3	45.4	68.2	
79	53.0	41.4	62.0	

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



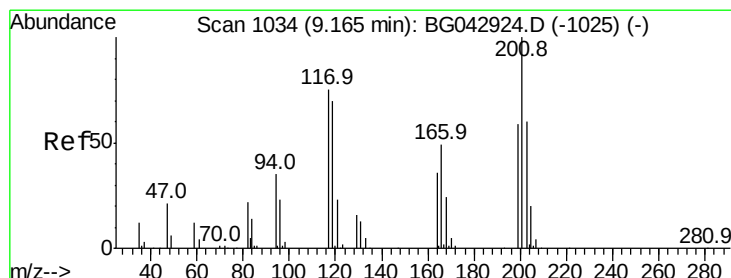
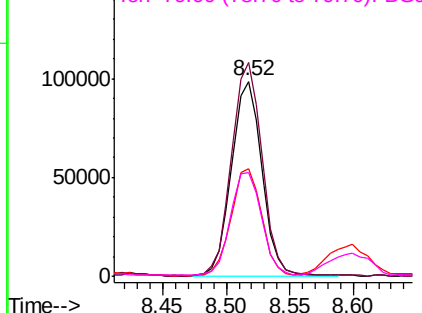
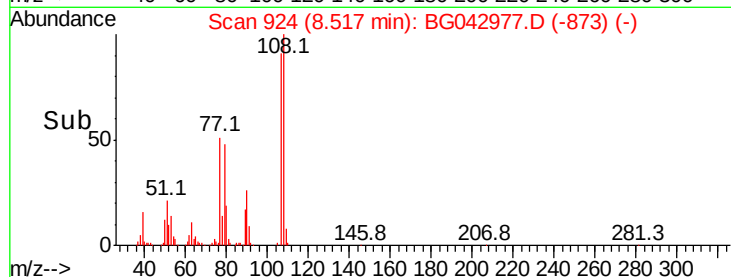
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

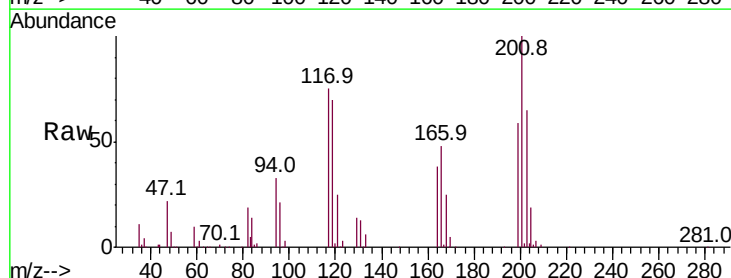
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.456 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	74.6	111.8	
201	133.7	106.0	159.0	

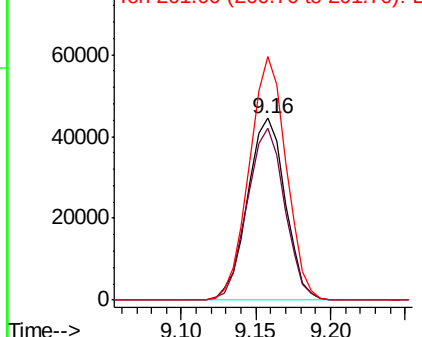
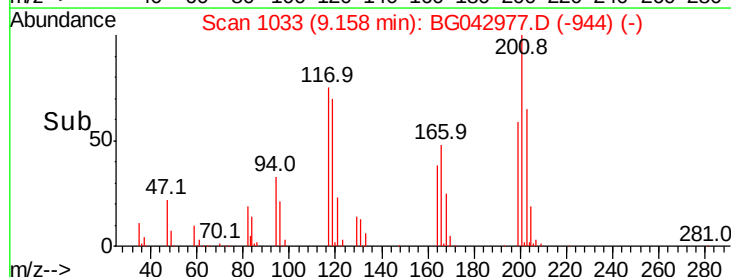


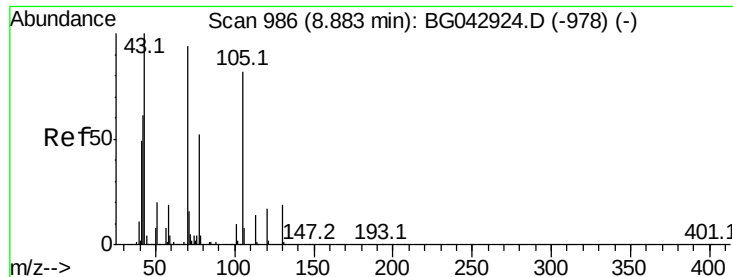
Abundance

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





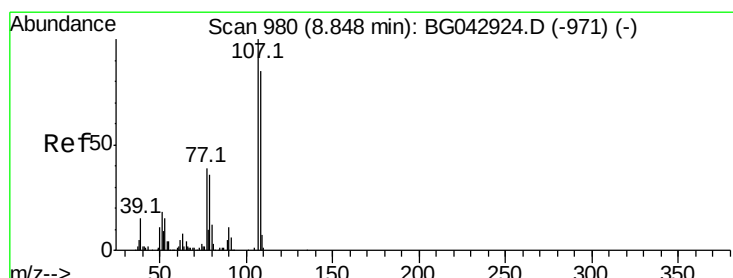
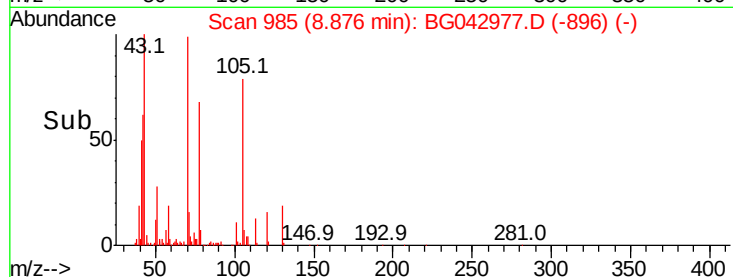
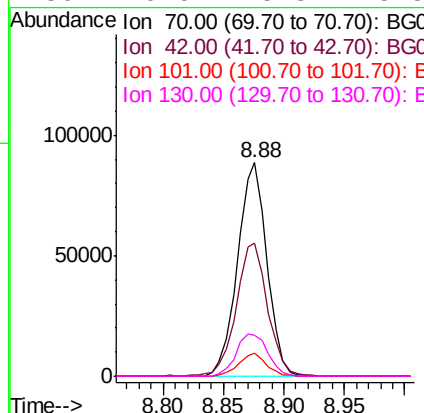
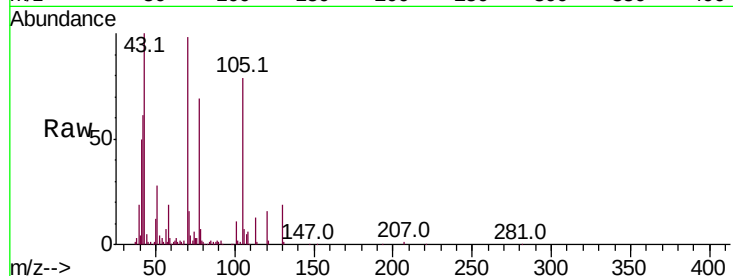
#19
n-Nitroso-di-n-propylamine
Concen: 38.160 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.6	79.0
101	11.0	8.7	13.1
130	19.0	15.8	23.8

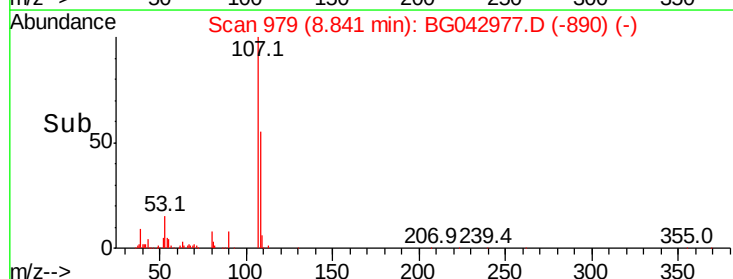
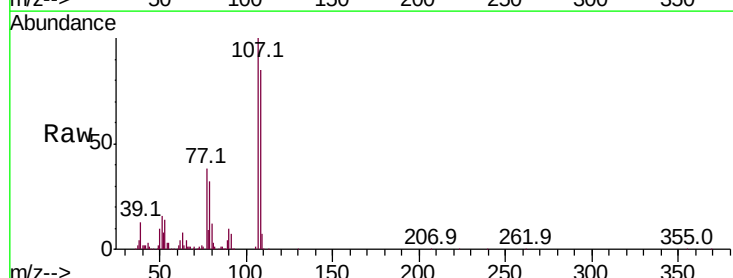
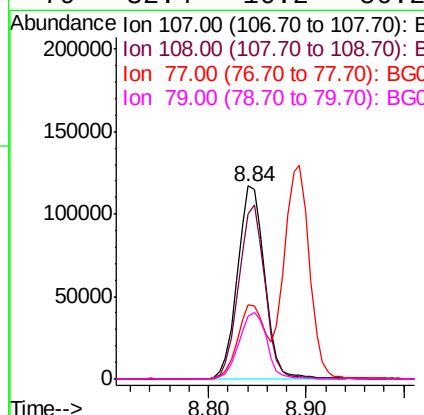
Manual Integrations
APPROVED

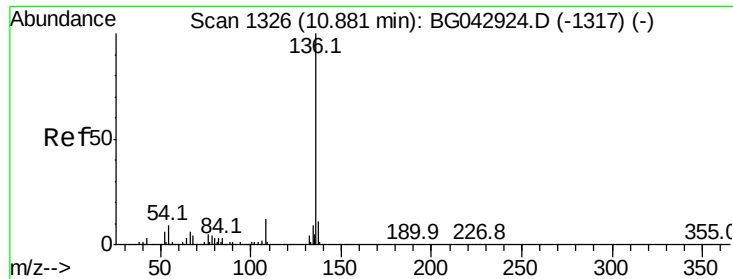
mohammad
10/2/2019 4:00:29 PM



#20
3+4-Methylphenols
Concen: 43.266 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	64.9	104.9
77	38.3	19.4	59.4
79	32.4	16.2	56.2





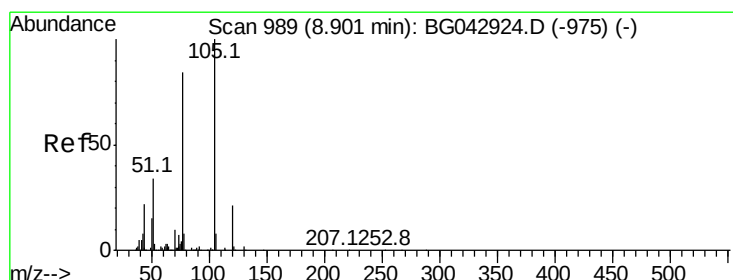
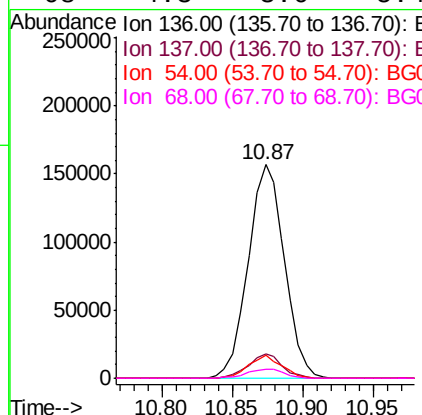
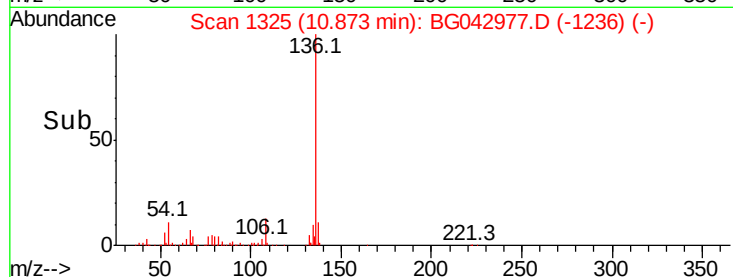
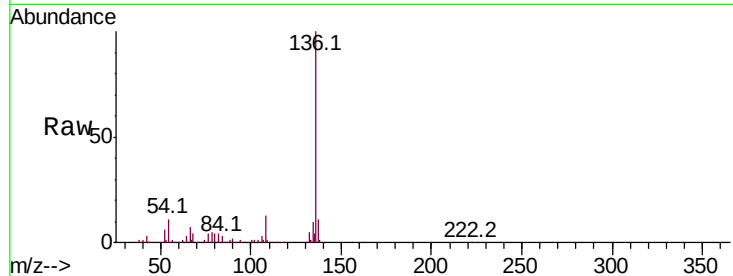
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281125		
137	11.3	8.5	12.7	
54	10.6	7.4	11.2	
68	4.3	3.6	5.4	

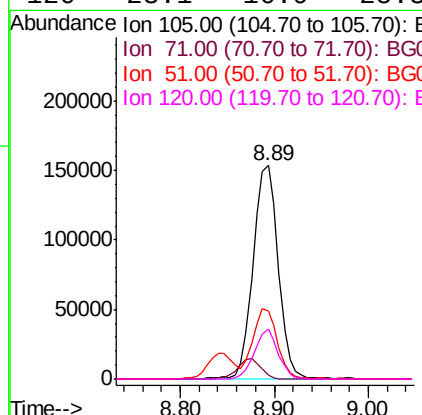
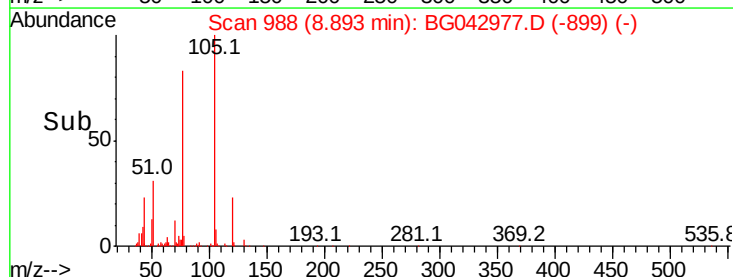
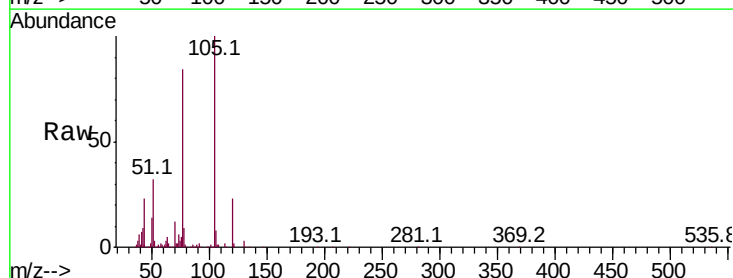
Manual Integrations
APPROVED

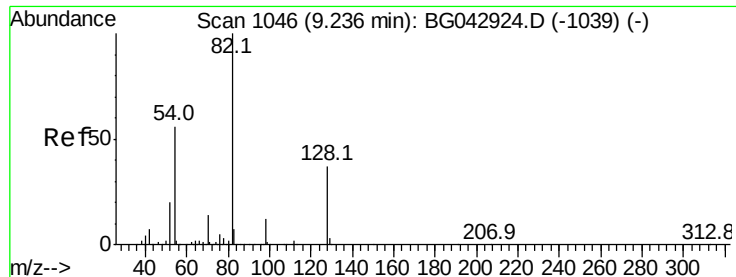
mohammad
10/2/2019 4:00:29 PM



#22
Acetophenone
Concen: 39.375 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285335		
71	1.9	1.2	1.8#	
51	31.6	27.2	40.8	
120	23.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 57.264 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

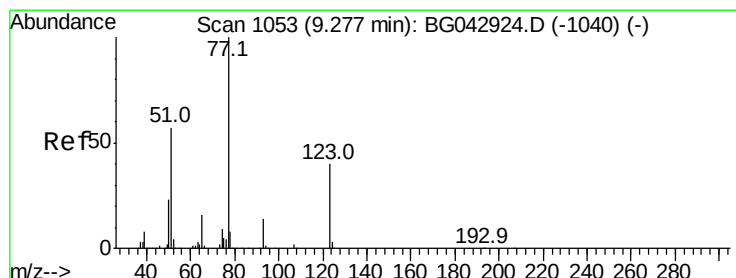
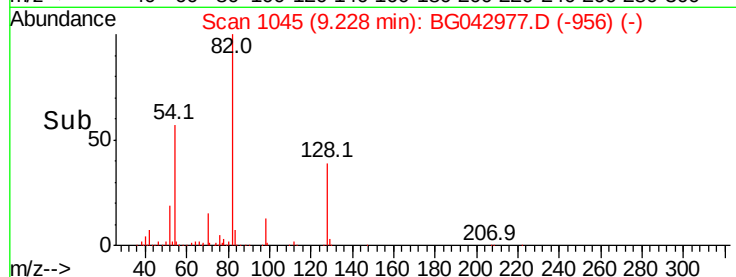
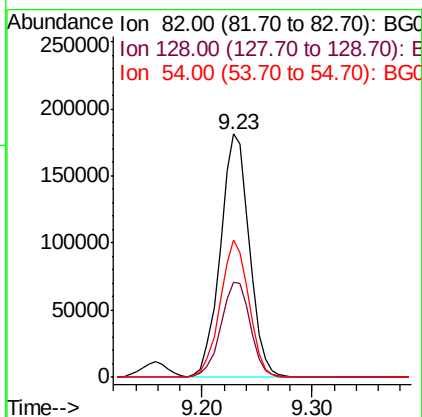
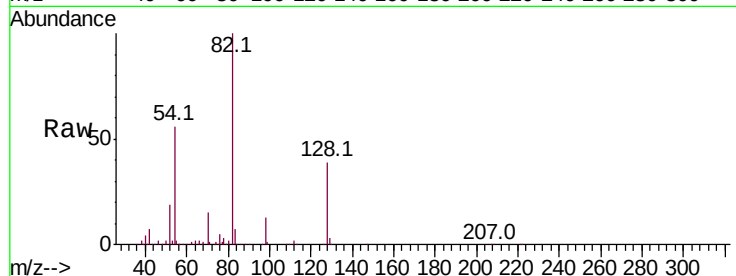
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	82	Resp:	331207
Ion Ratio	Lower	Upper	
82	100		
128	39.2	29.5	44.3
54	56.5	44.6	67.0

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#24

Nitrobenzene

Concen: 40.990 ng

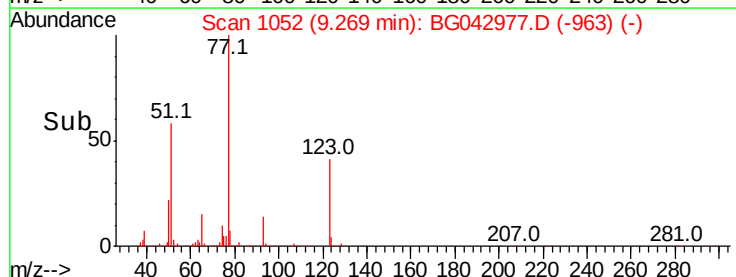
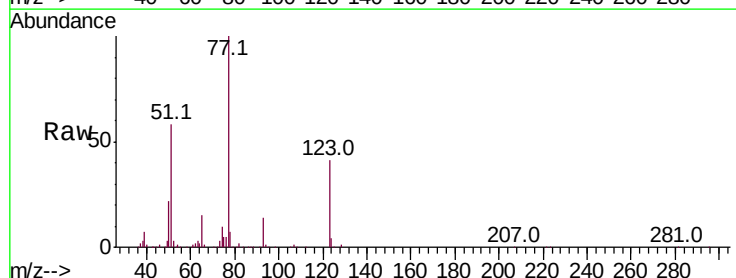
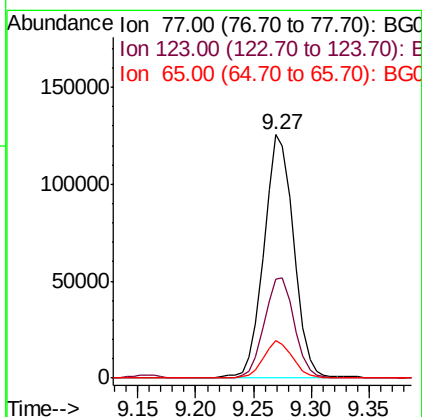
RT: 9.27 min Scan# 1052

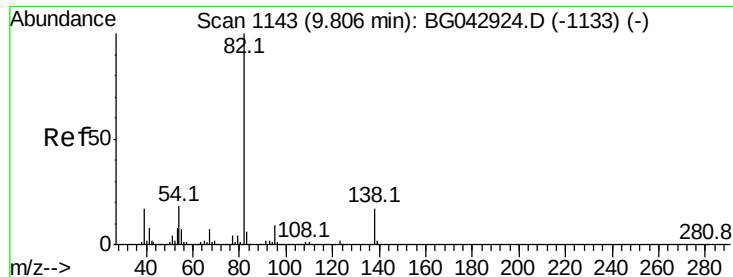
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	77	Resp:	226139
Ion Ratio	Lower	Upper	
77	100		
123	40.7	31.9	47.9
65	15.3	12.4	18.6





#25

Isophorone

Concen: 41.196 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

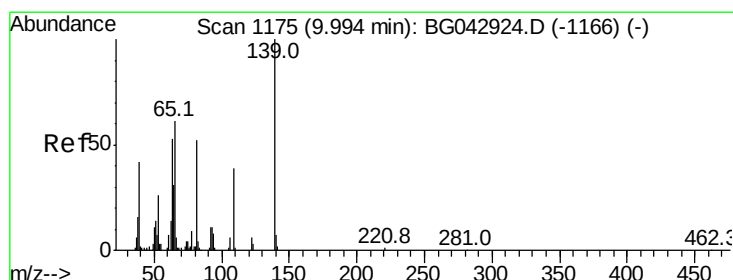
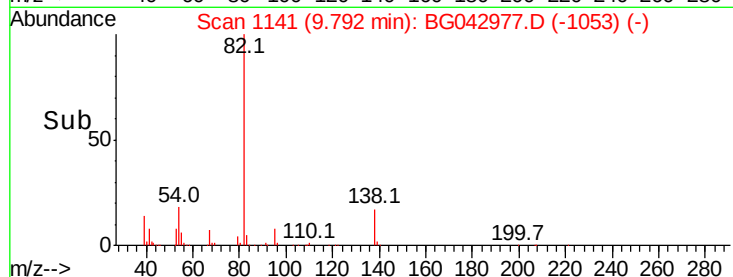
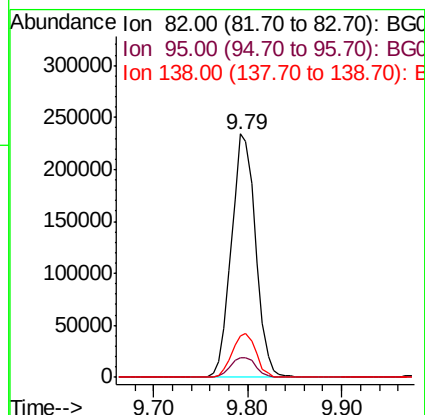
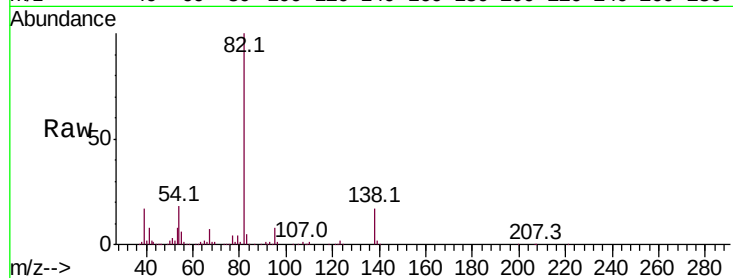
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	82	Resp:	418535
Ion Ratio	Lower	Upper	
82	100		
95	7.9	7.0	10.4
138	17.2	13.8	20.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#26

2-Nitrophenol

Concen: 46.004 ng

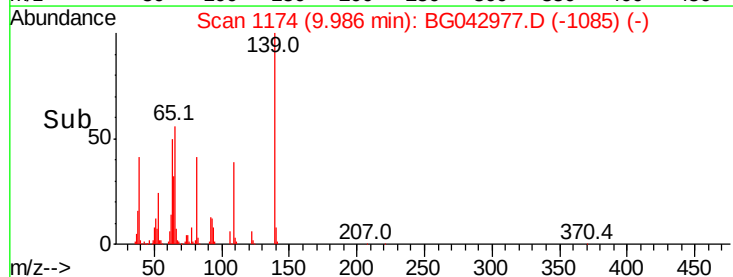
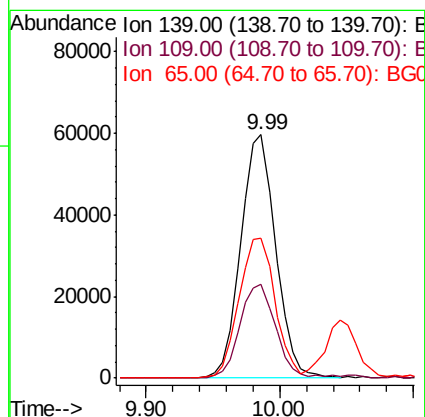
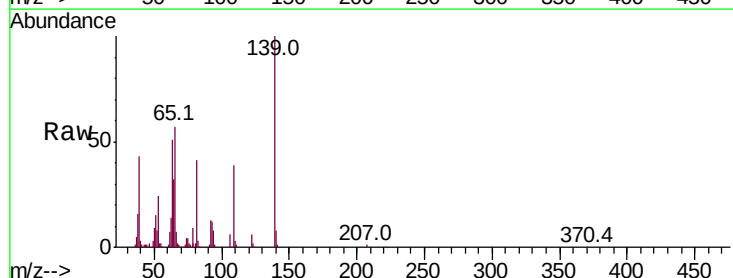
RT: 9.99 min Scan# 1174

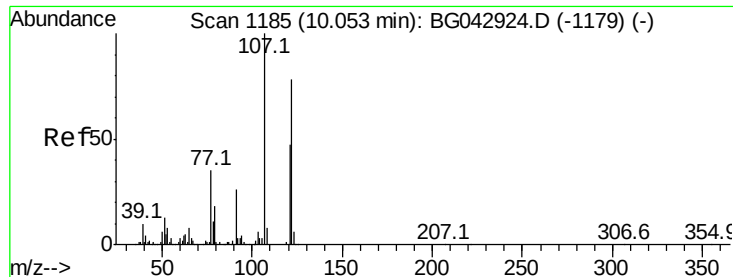
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	139	Resp:	108042
Ion Ratio	Lower	Upper	
139	100		
109	38.7	31.0	46.6
65	57.3	48.4	72.6





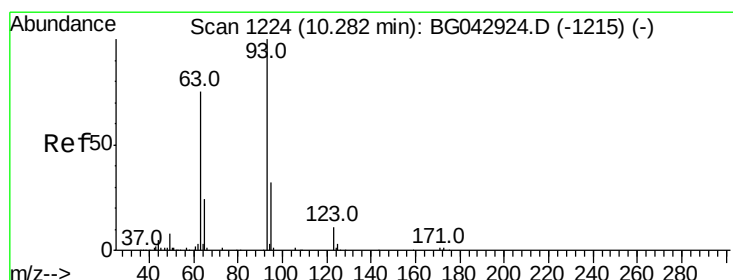
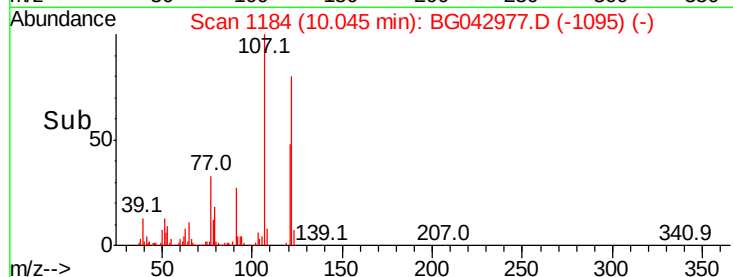
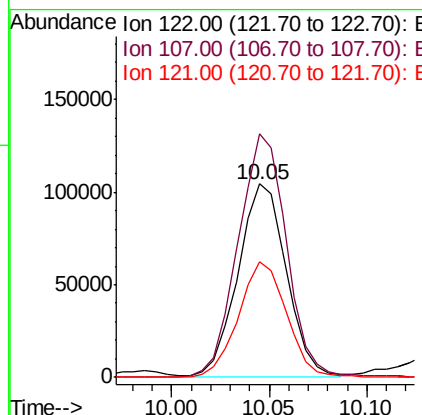
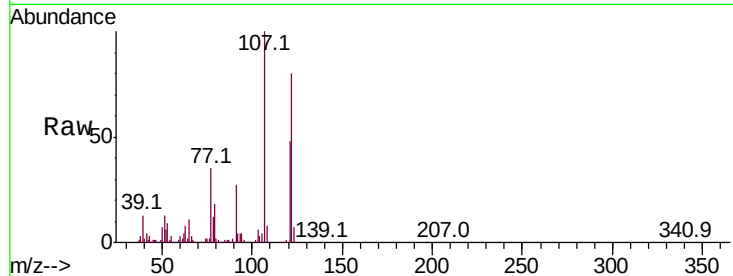
#27
2,4-Dimethylphenol
Concen: 49.921 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.7	102.2	153.2	
121	60.0	48.5	72.7	

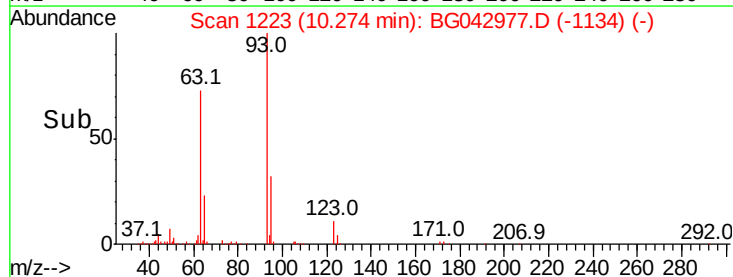
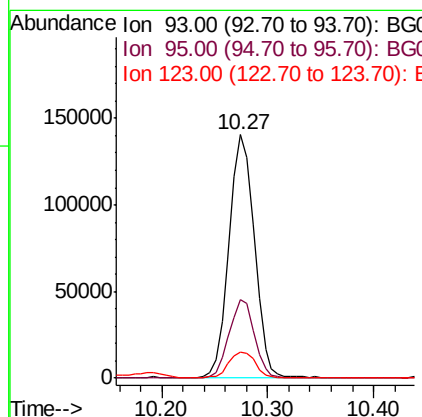
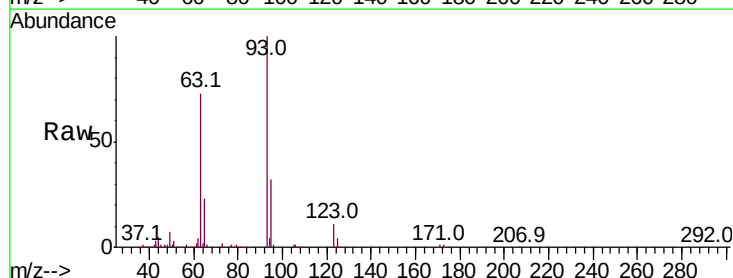
Manual Integrations
APPROVED

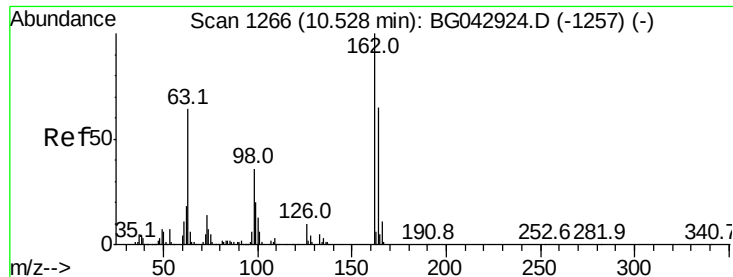
mohammad
10/2/2019 4:00:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.706 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	25.4	38.0	
123	10.9	9.3	13.9	





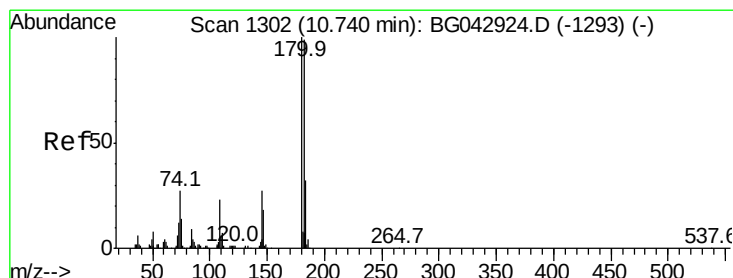
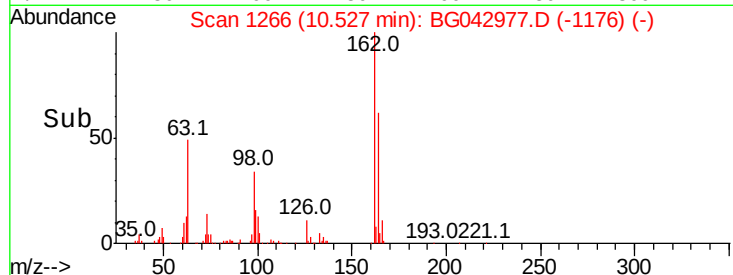
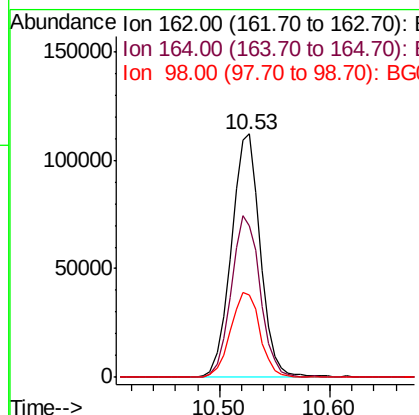
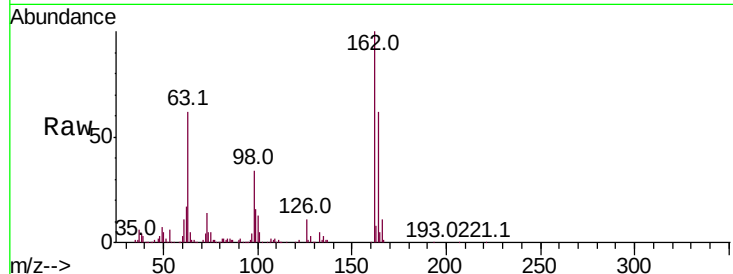
#29
 2,4-Dichlorophenol
 Concen: 45.880 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.7	84.7
98	34.0	16.0	56.0

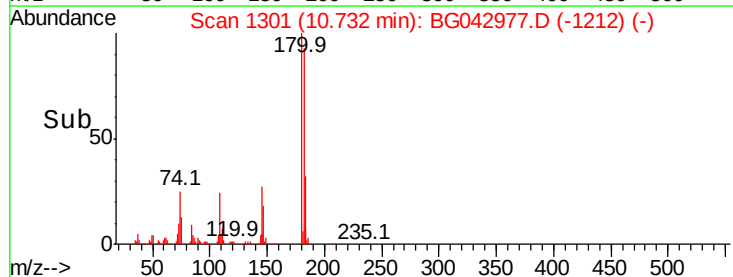
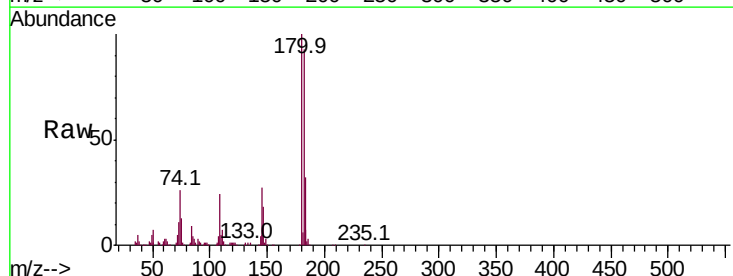
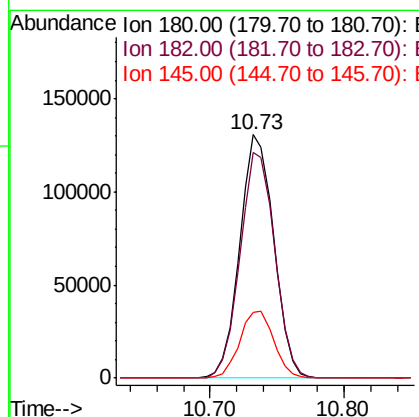
Manual Integrations
 APPROVED

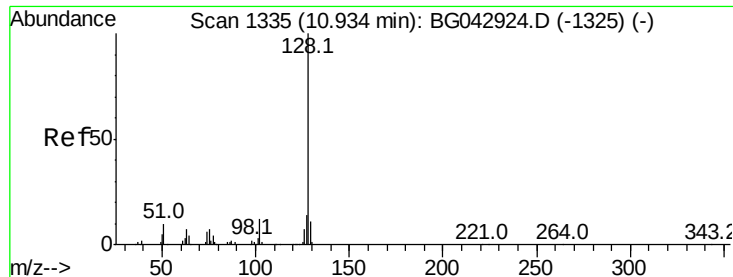
mohammad
 10/2/2019 4:00:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.748 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	79.3	118.9
145	27.1	22.0	33.0





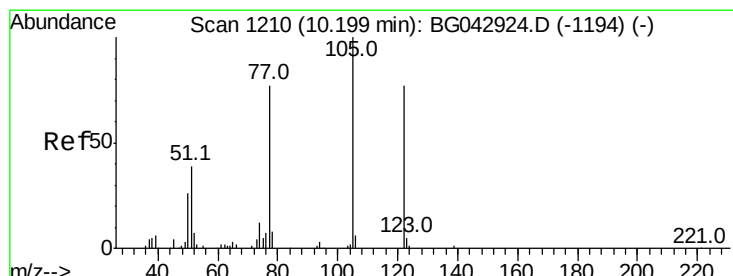
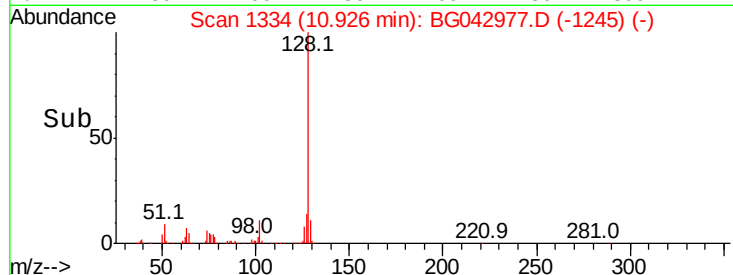
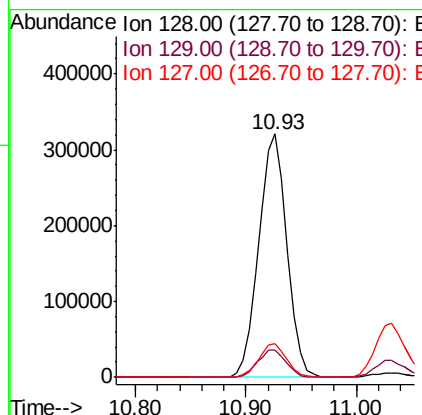
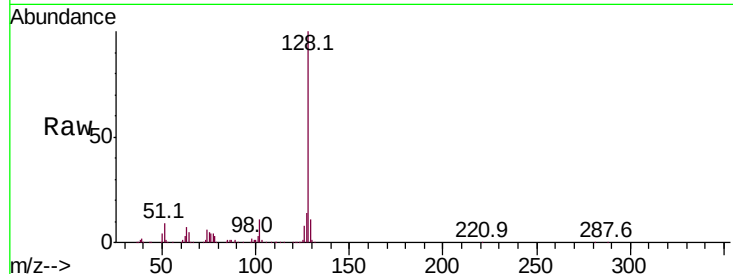
#31
Naphthalene
Concen: 41.447 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.6	11.3	16.9	

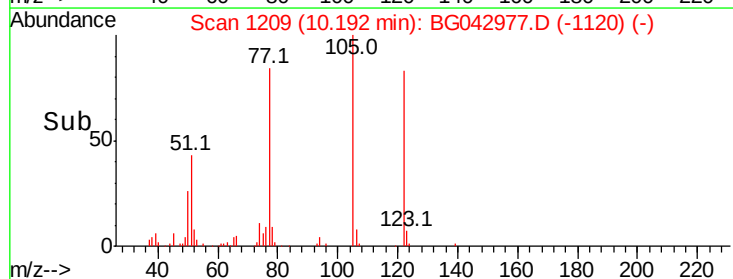
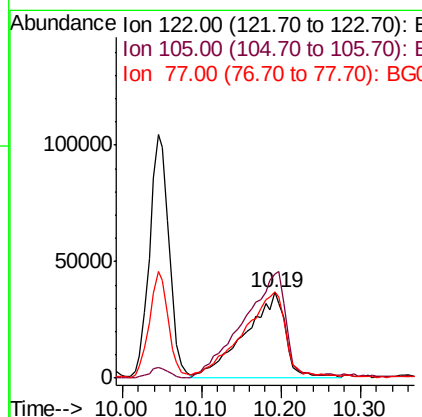
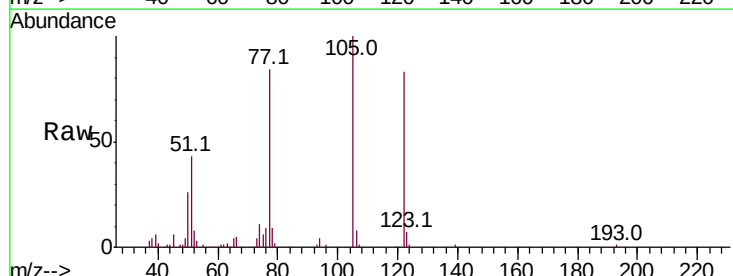
Manual Integrations
APPROVED

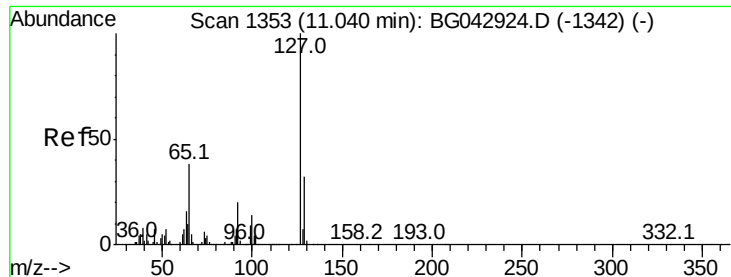
mohammad
10/2/2019 4:00:29 PM



#32
Benzoic acid
Concen: 47.362 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.0	107.5	147.5	
77	101.3	79.8	119.8	





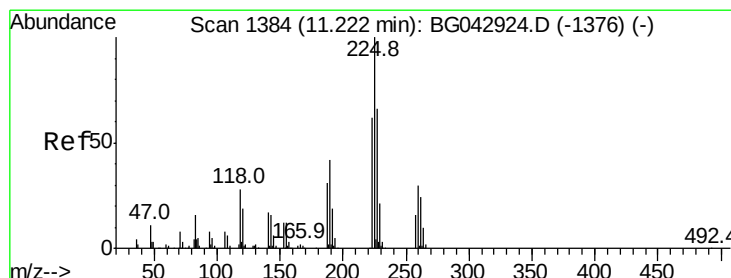
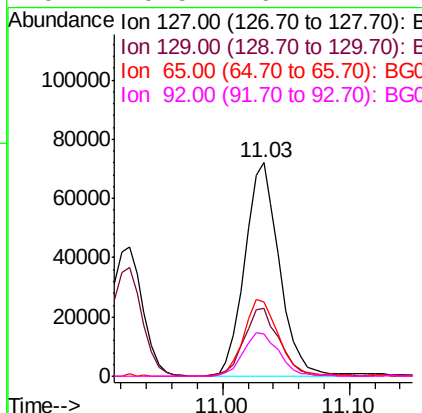
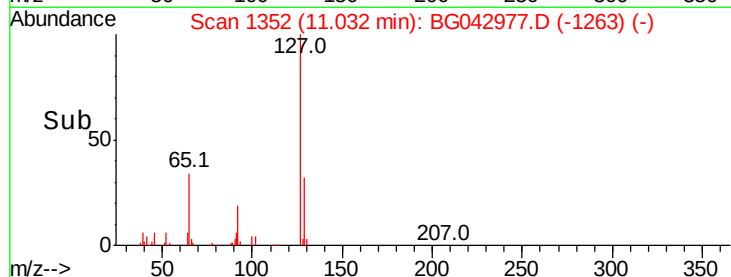
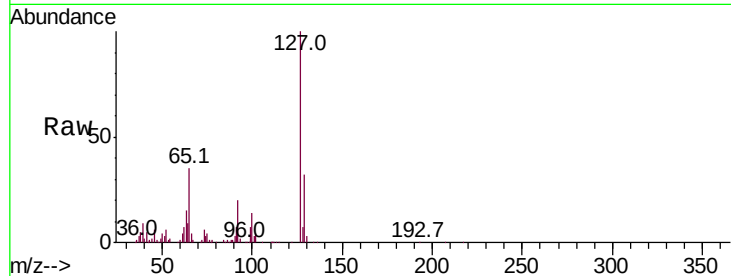
#33
4-Chloroaniline
Concen: 22.759 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.2	39.2		
65	34.7	30.6	45.8		
92	19.5	16.2	24.4		

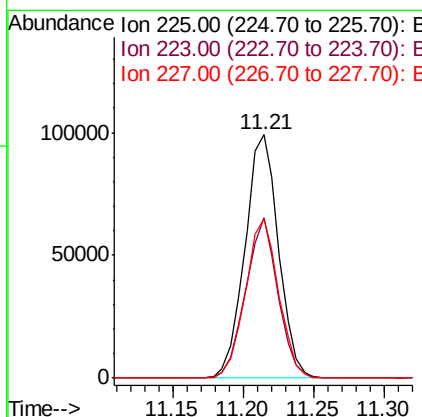
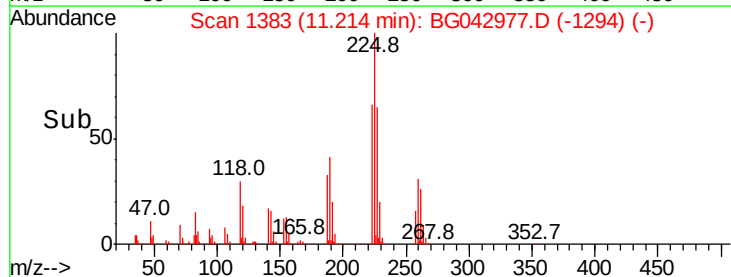
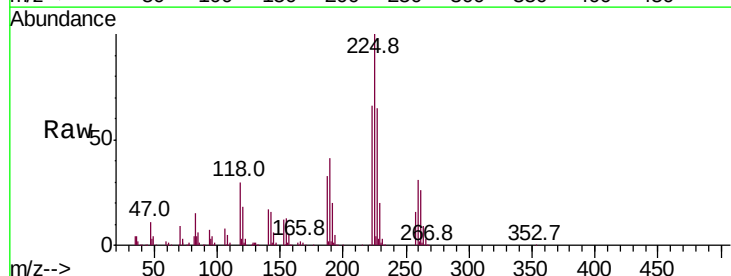
Manual Integrations
APPROVED

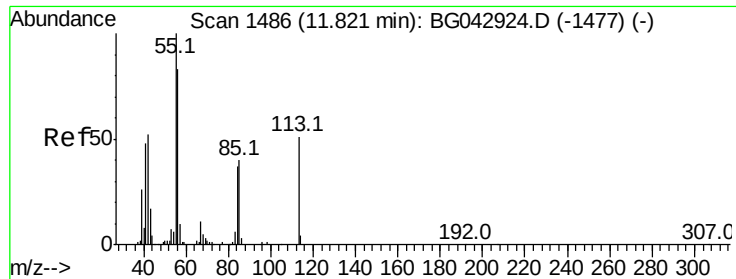
mohammad
10/2/2019 4:00:29 PM



#34
Hexachlorobutadiene
Concen: 38.070 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.0	49.3	73.9		
227	65.3	52.8	79.2		





#35

Caprolactam

Concen: 43.461 ng/ml

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

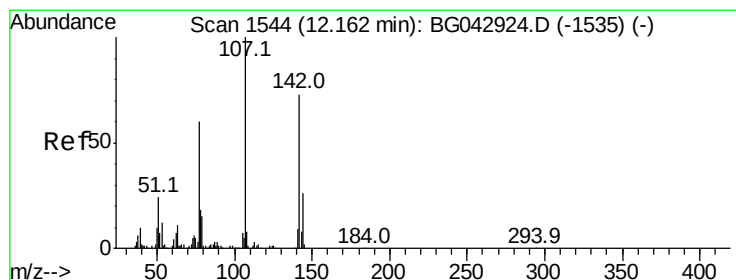
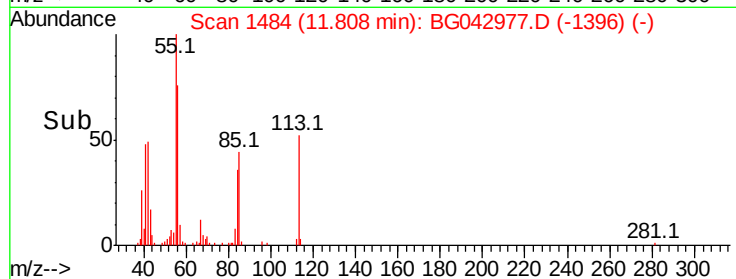
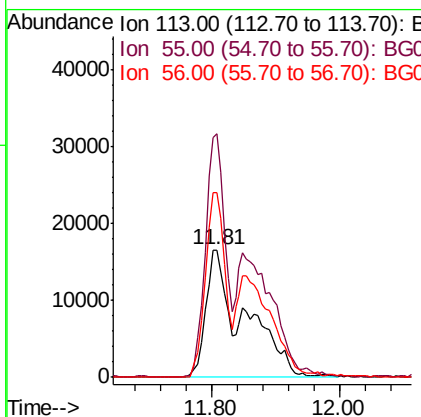
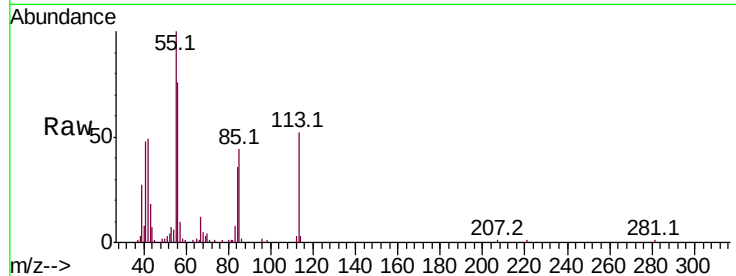
ClientSampleId :

MC-17-COMPOSITE.MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.9	175.5	215.5
56	145.2	142.3	182.3

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#36

4-Chloro-3-methylphenol

Concen: 46.027 ng/ml

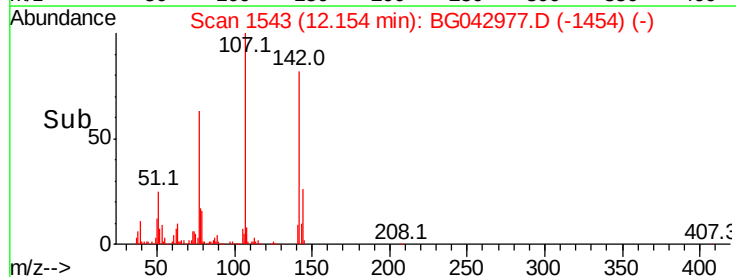
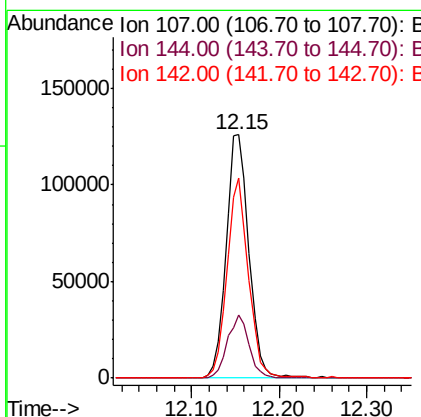
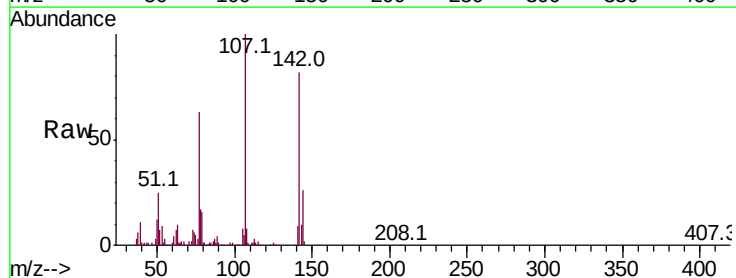
RT: 12.15 min Scan# 1543

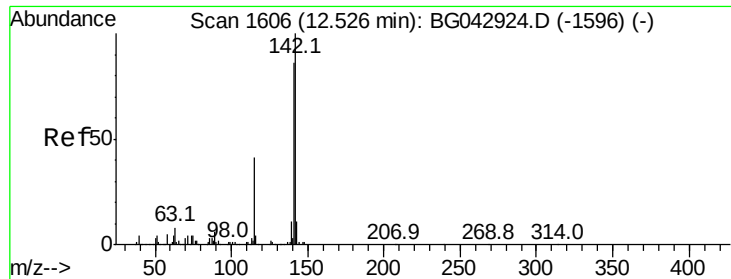
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.7	31.1
142	82.3	58.6	87.8





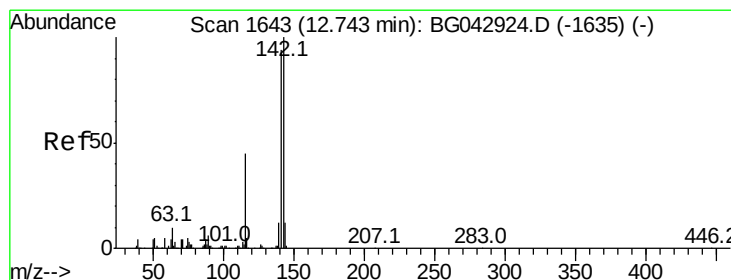
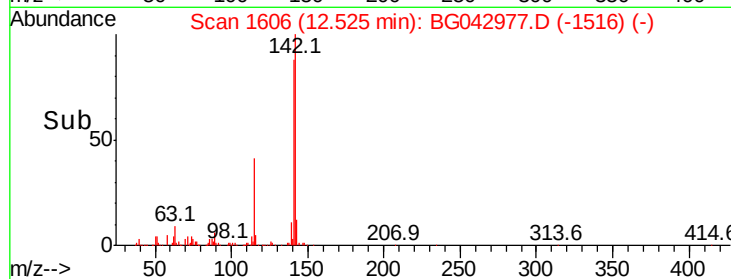
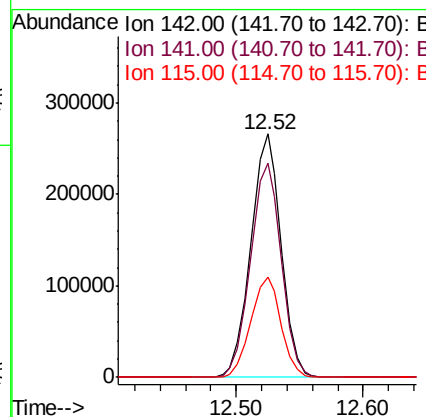
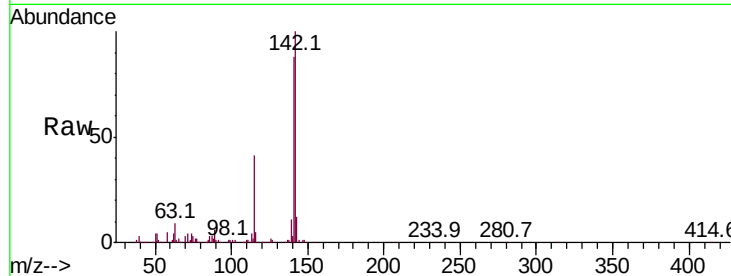
#37
 2-Methylnaphthalene
 Concen: 41.916 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.0	103.4
115	41.3	32.8	49.2

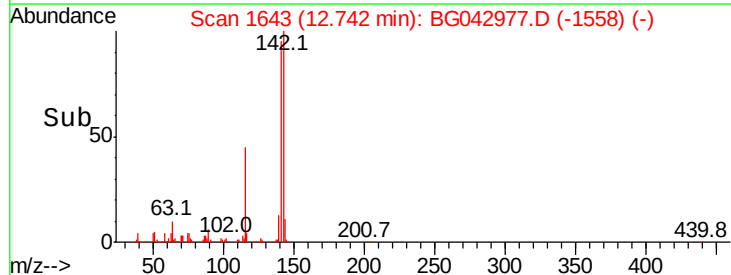
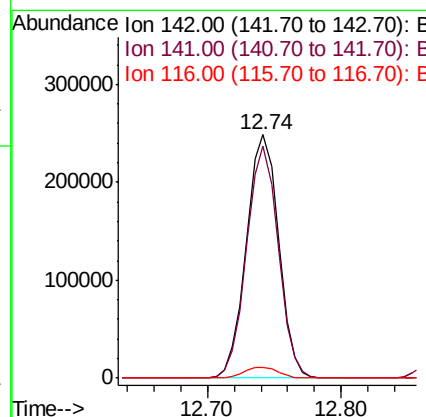
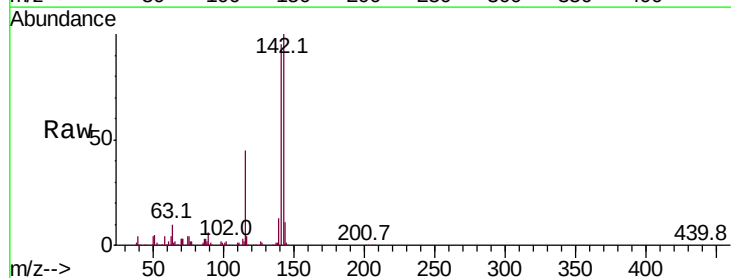
Manual Integrations
 APPROVED

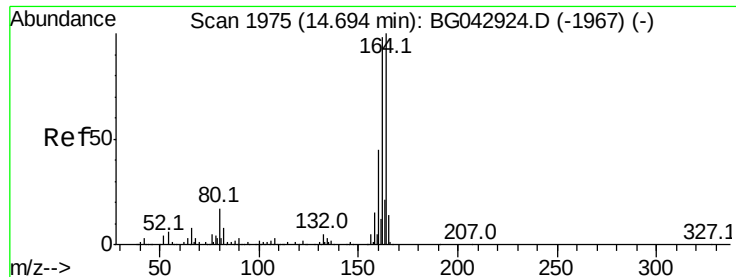
mohammad
 10/2/2019 4:00:29 PM



#38
 1-Methylnaphthalene
 Concen: 41.363 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	74.9	112.3
116	4.4	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: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

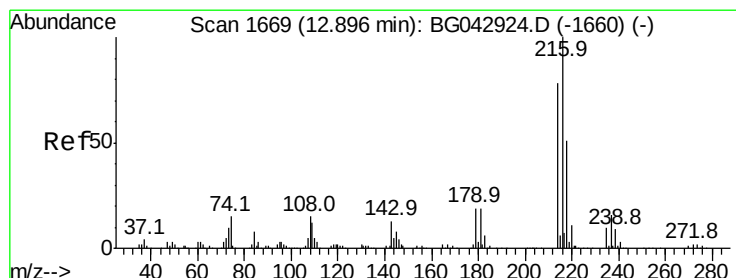
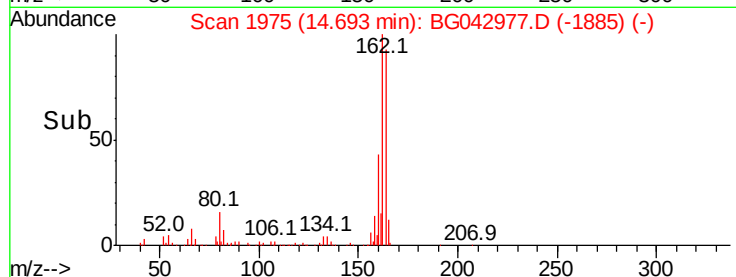
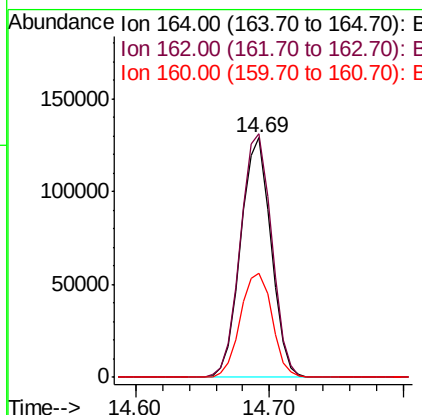
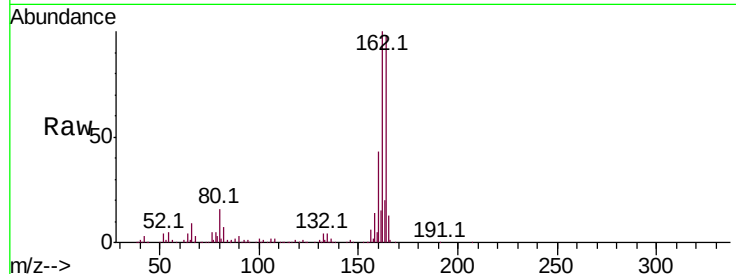
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	164	Resp:	201945
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.5	117.7
160	43.7	35.9	53.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.666 ng

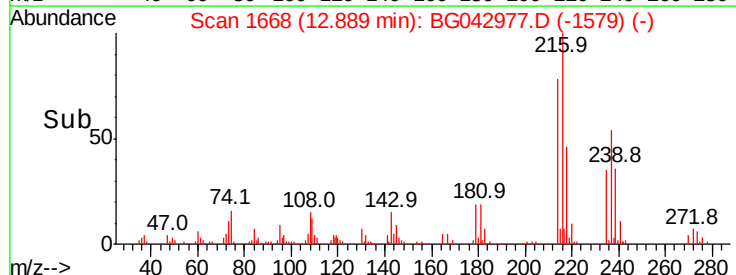
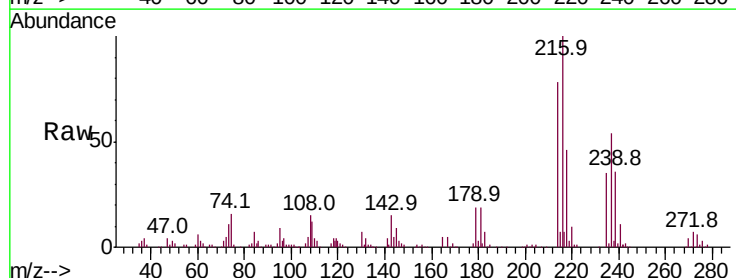
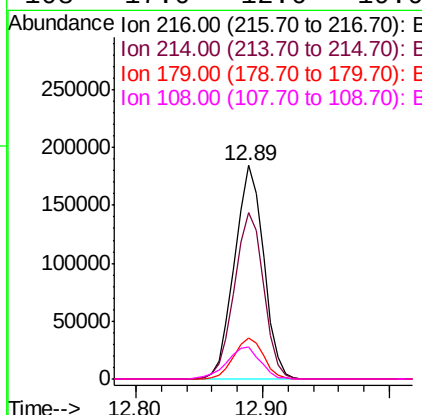
RT: 12.89 min Scan# 1668

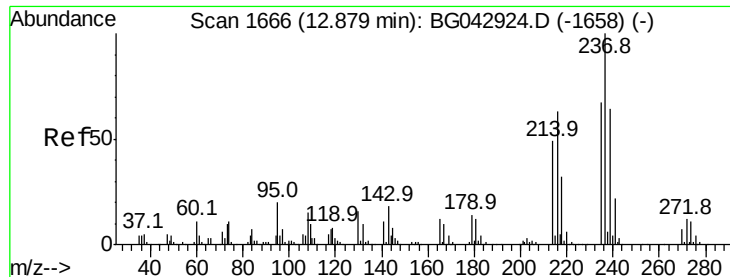
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	216	Resp:	293590
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.4	93.6
179	19.4	15.4	23.2
108	17.0	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 89.364 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

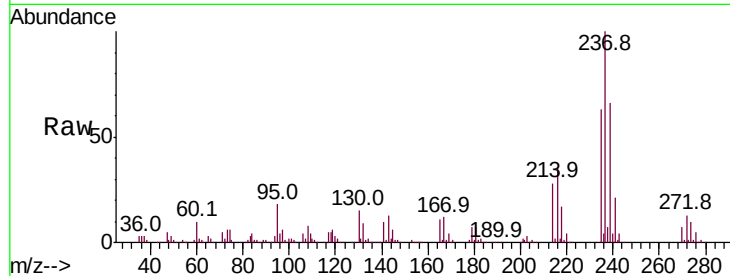
ClientSampleId :

MC-17-COMPOSITEMSD

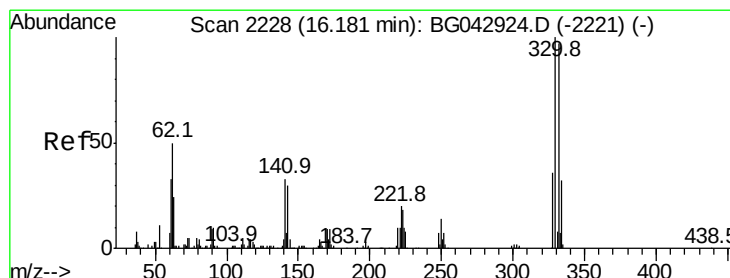
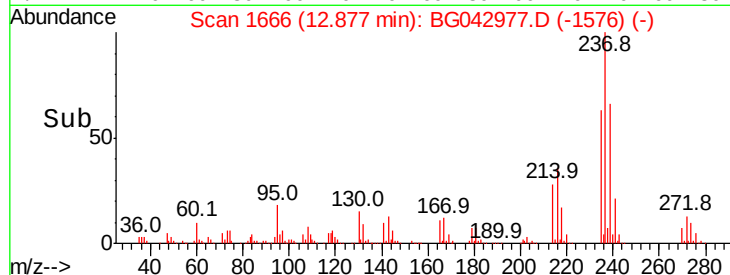
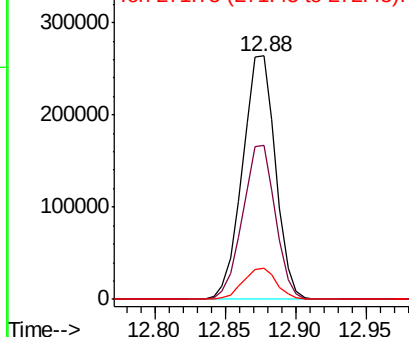
Tot Ion:	237	Resp:	432333
Ion Ratio	Lower	Upper	
237	100		
235	63.3	46.7	86.7
272	12.7	0.0	32.3

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 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: 82.212 ng

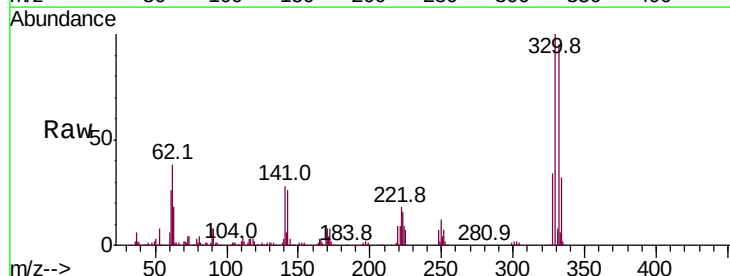
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

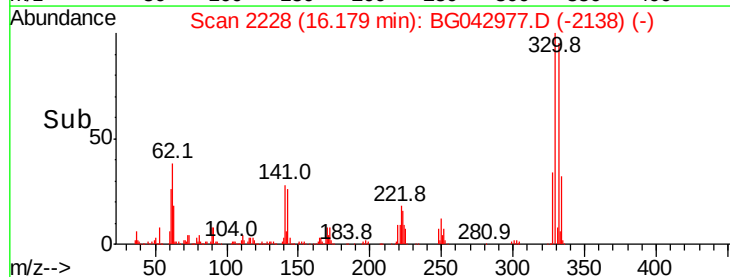
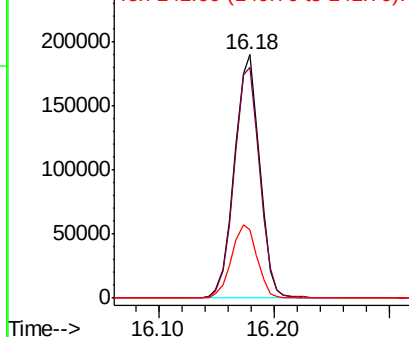
Lab File: BG042977.D

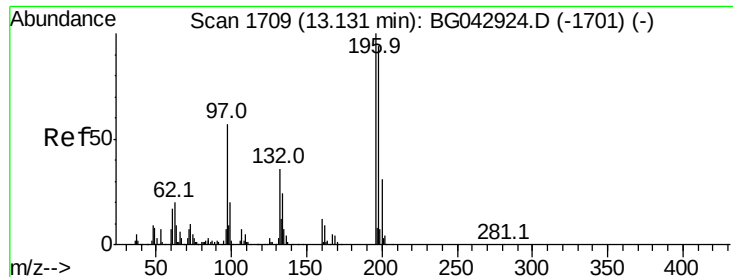
Acq: 1 Oct 2019 21:34

Tgt Ion:	330	Resp:	285488
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.2	117.2
141	30.7	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





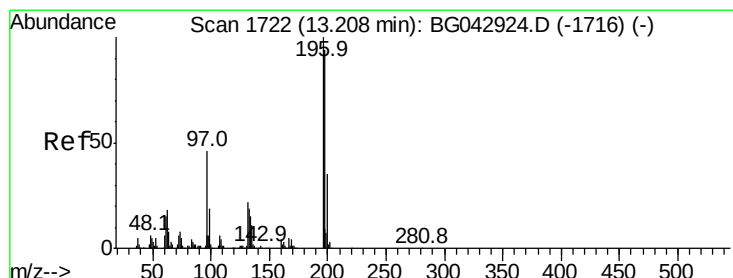
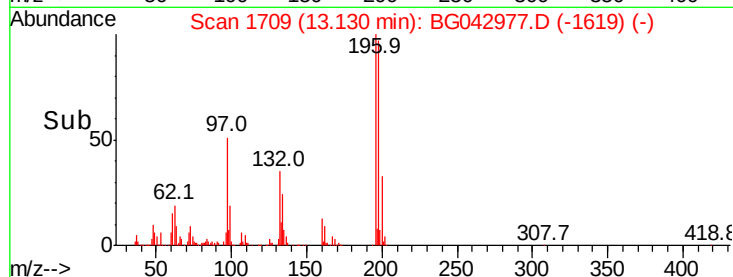
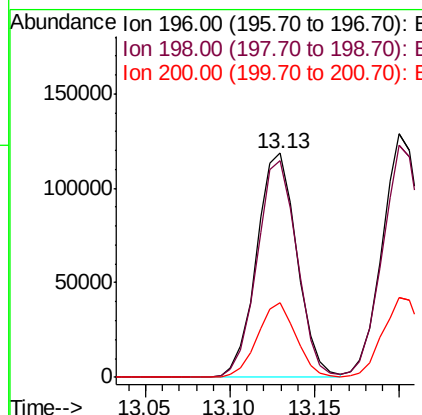
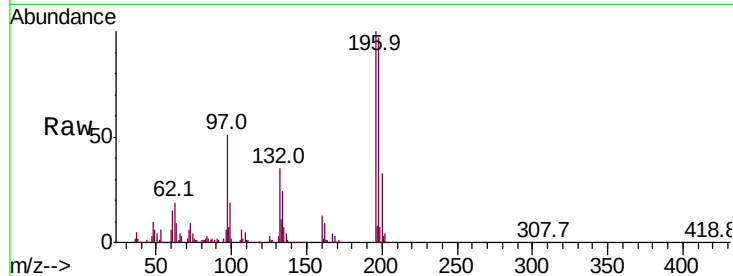
#43
 2,4,6-Trichlorophenol
 Concen: 44.097 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195976		
198	96.9	75.5	113.3	
200	33.1	24.9	37.3	

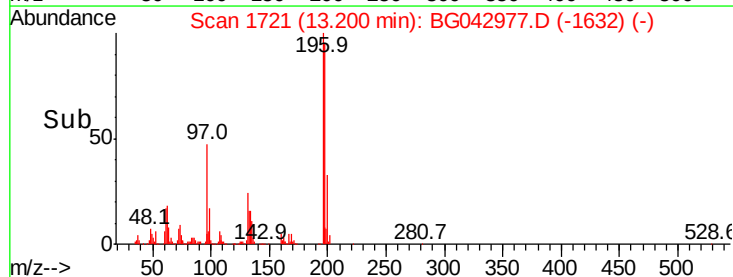
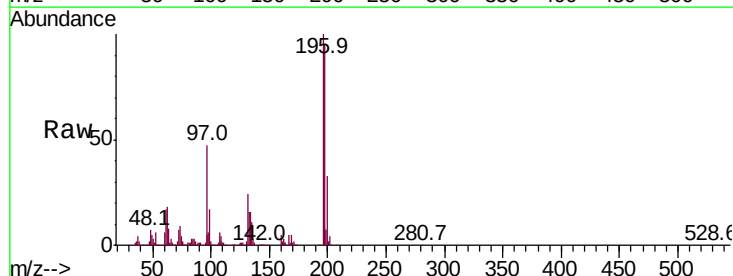
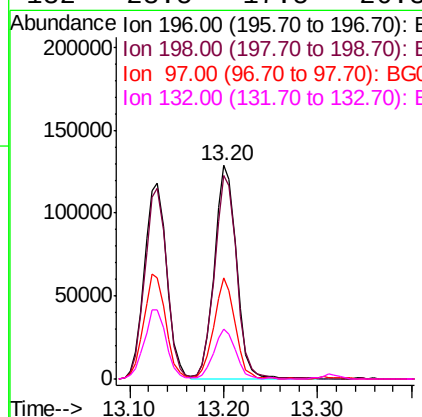
Manual Integrations
 APPROVED

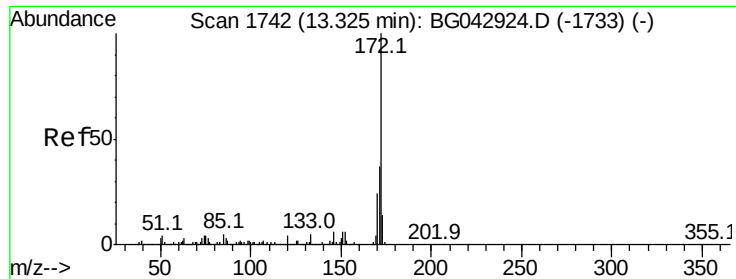
mohammad
 10/2/2019 4:00:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.925 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214834		
198	95.1	75.1	112.7	
97	47.2	37.0	55.4	
132	23.5	17.5	26.3	





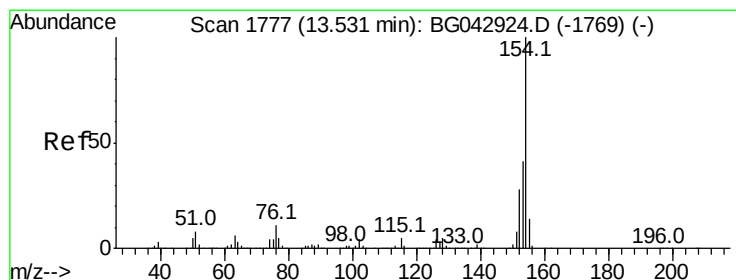
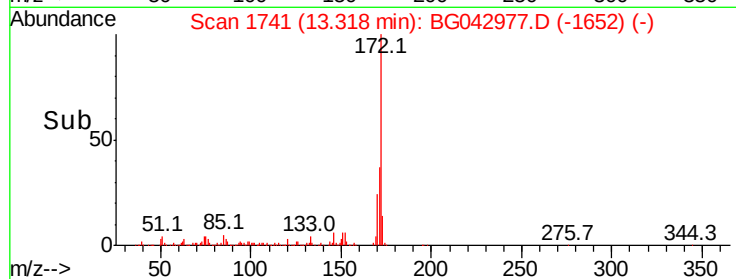
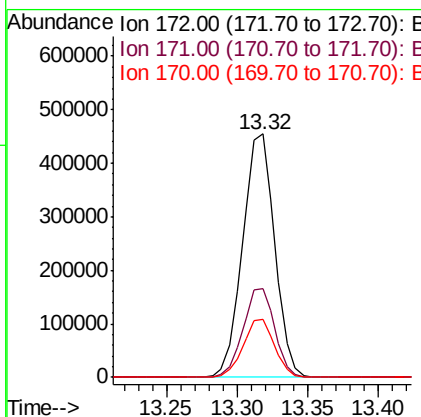
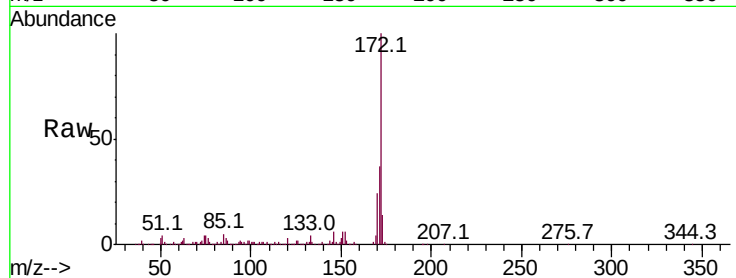
#45
2-Fluorobiphenyl
Concen: 51.932 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.6	44.4	
170	24.0	19.6	29.4	

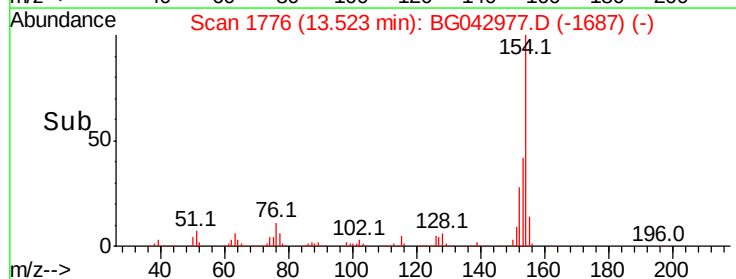
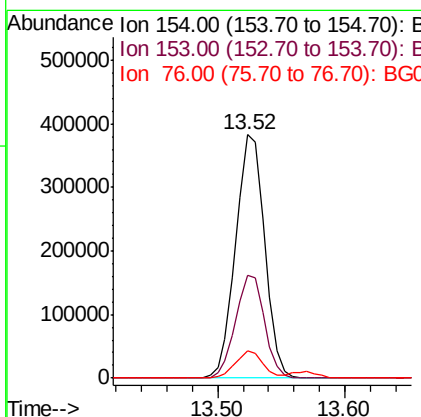
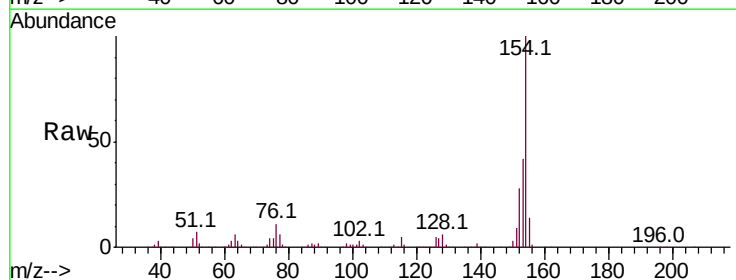
Manual Integrations
APPROVED

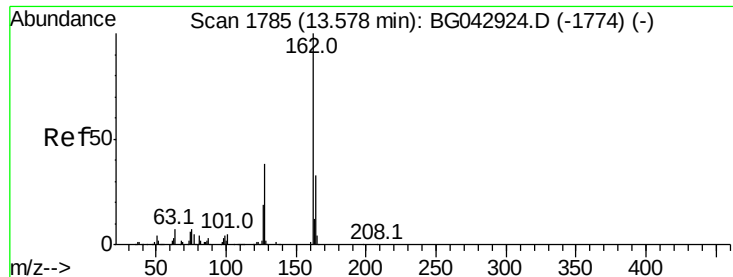
mohammad
10/2/2019 4:00:29 PM



#46
1,1'-Biphenyl
Concen: 39.523 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.5	21.4	61.4	
76	11.2	0.0	31.3	





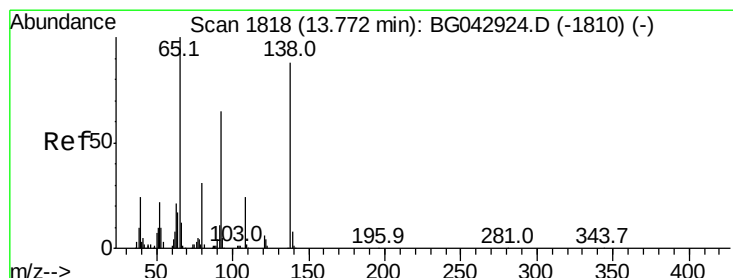
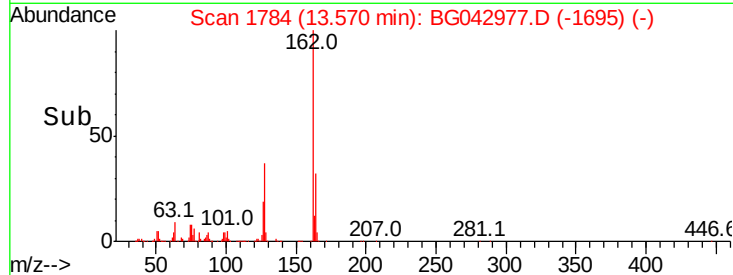
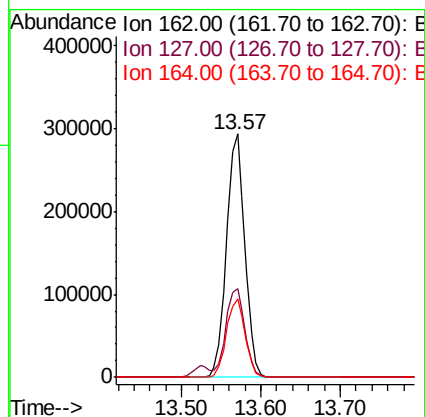
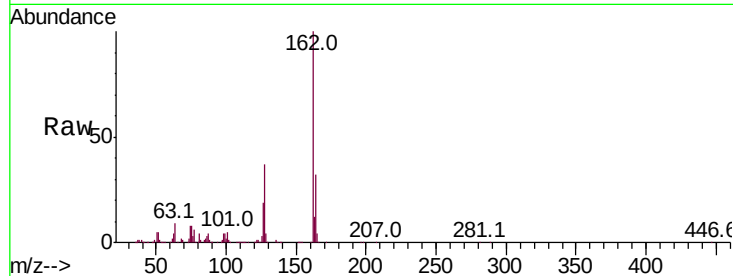
#47
 2-Chloronaphthalene
 Concen: 40.949 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.6	31.0	46.6	
164	32.3	26.2	39.2	

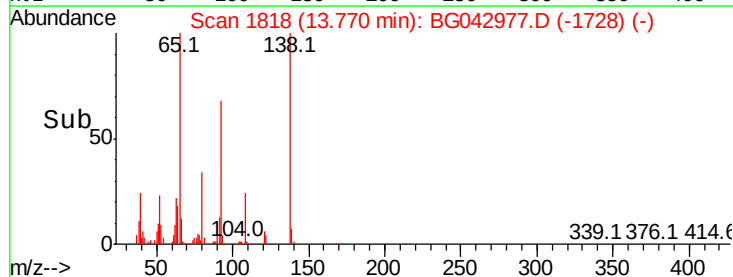
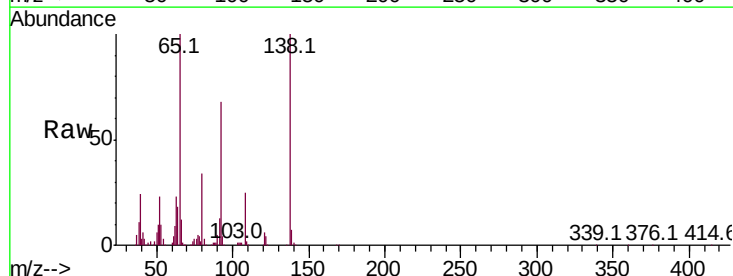
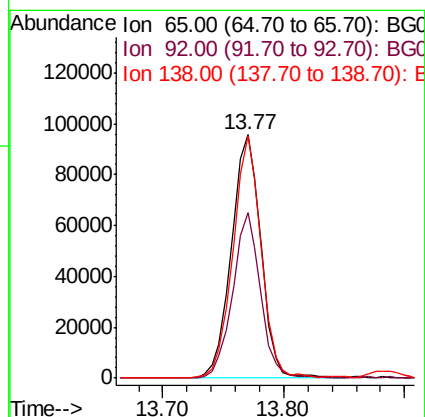
Manual Integrations
 APPROVED

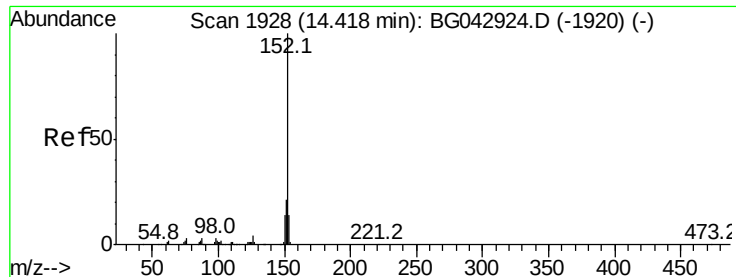
mohammad
 10/2/2019 4:00:29 PM



#48
 2-Nitroaniline
 Concen: 42.518 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.1	52.0	78.0	
138	99.5	70.4	105.6	





#49

Acenaphthylene

Concen: 43.153 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

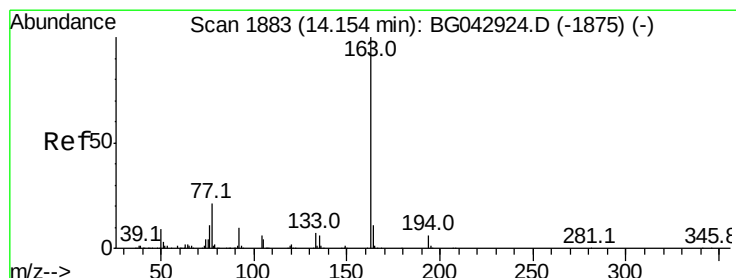
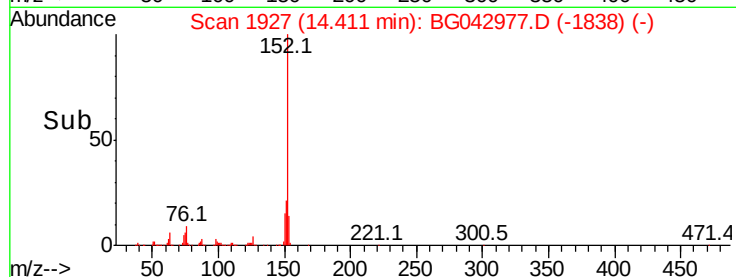
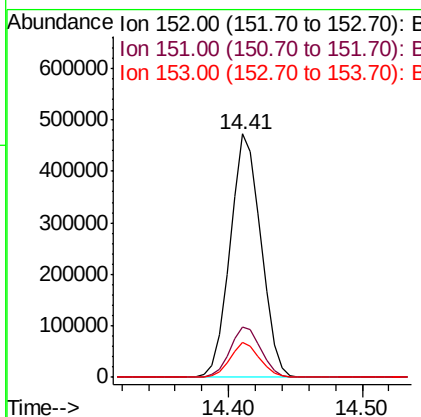
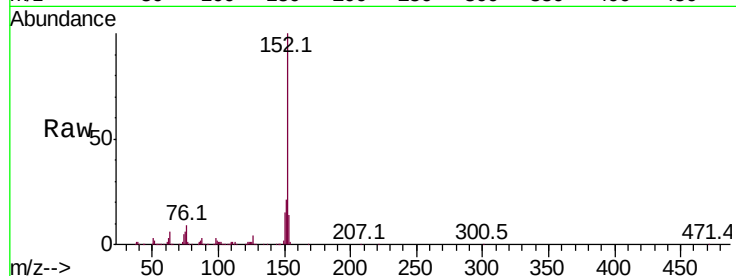
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	152	Resp:	758165
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	14.2	11.3	16.9

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#50

Dimethylphthalate

Concen: 44.998 ng

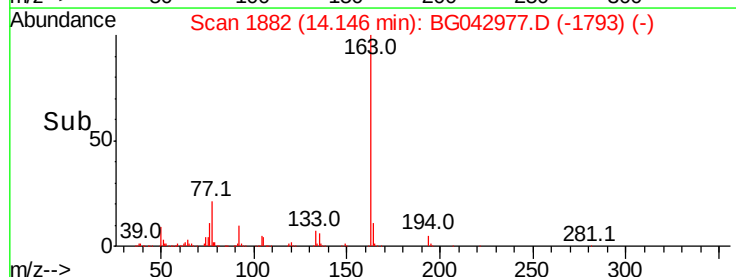
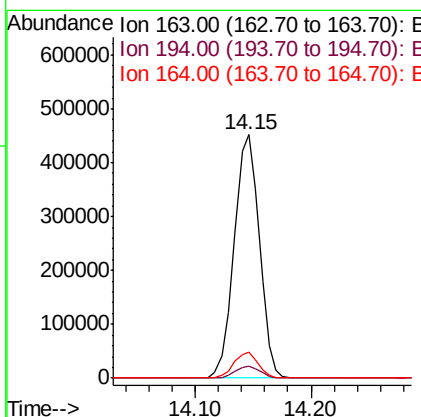
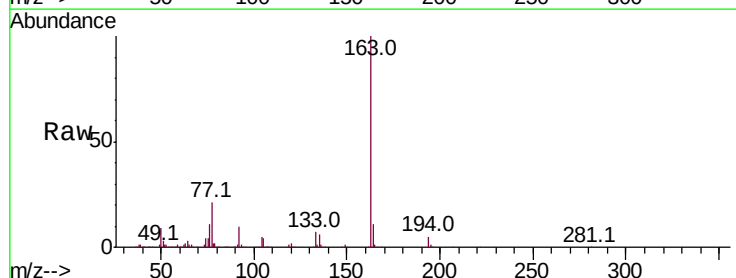
RT: 14.15 min Scan# 1882

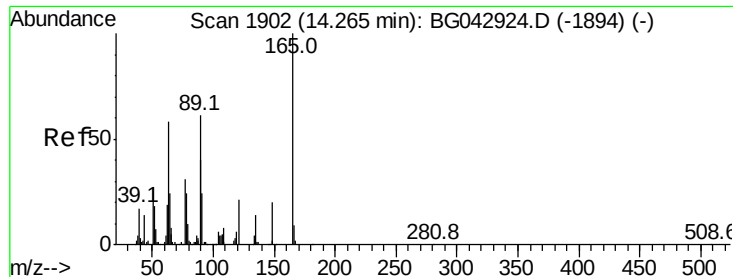
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	163	Resp:	680865
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.4	6.6
164	10.6	8.6	12.8





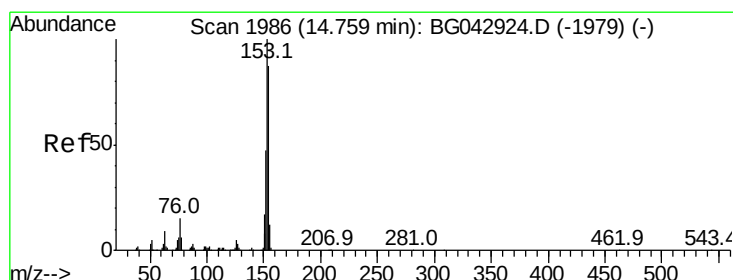
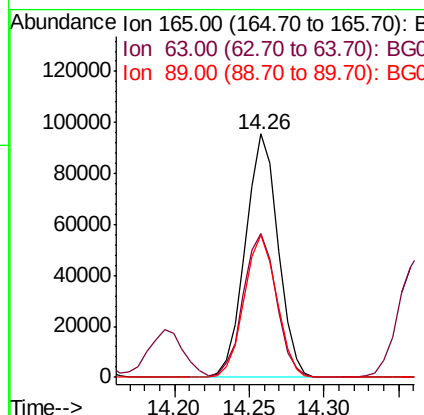
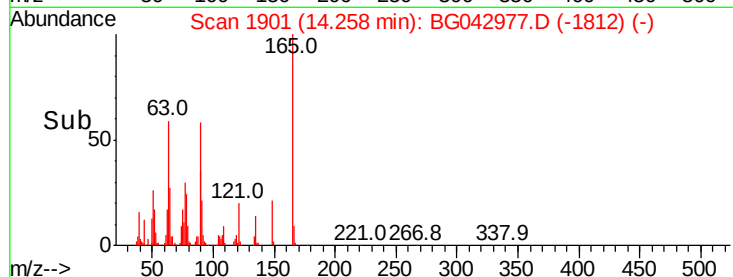
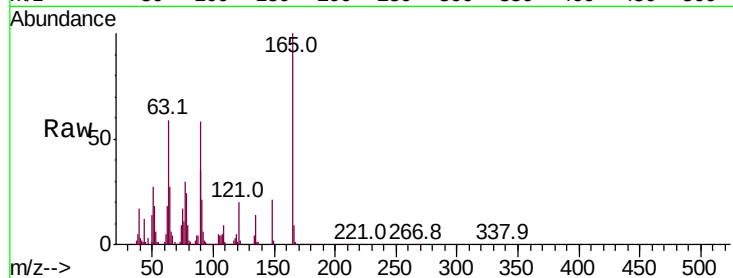
#51
2,6-Dinitrotoluene
Concen: 44.856 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	50.3	75.5
89	58.3	48.9	73.3

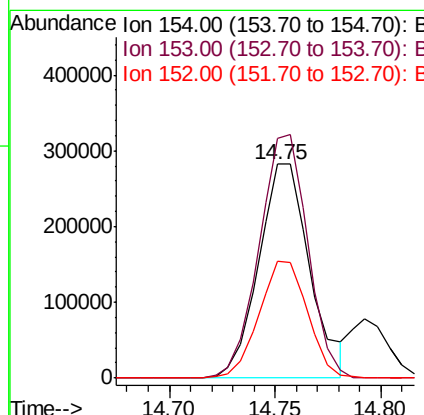
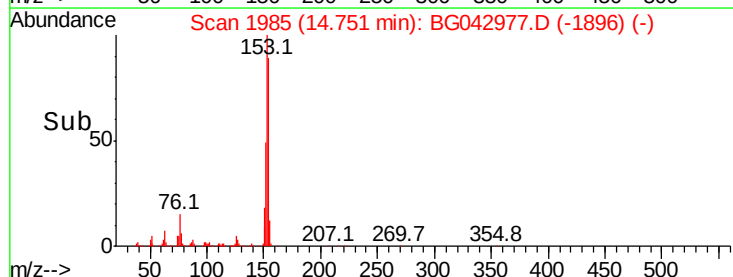
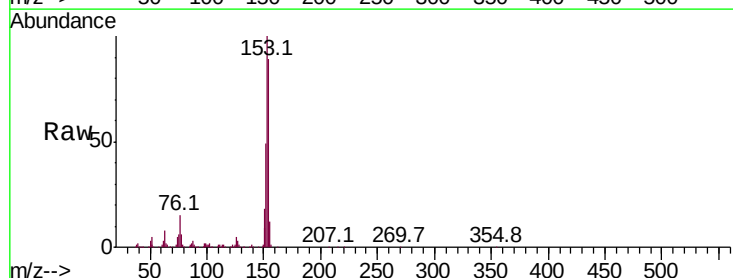
Manual Integrations
APPROVED

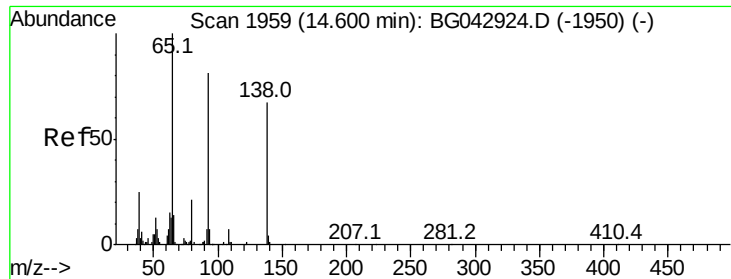
mohammad
10/2/2019 4:00:29 PM



#52
Acenaphthene
Concen: 40.508 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.0
152	54.6	42.8	64.2





#53

3-Nitroaniline

Concen: 28.564 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

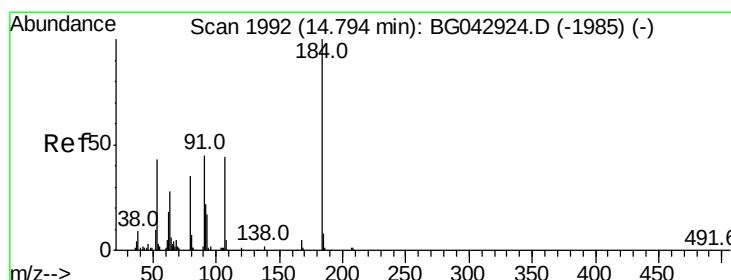
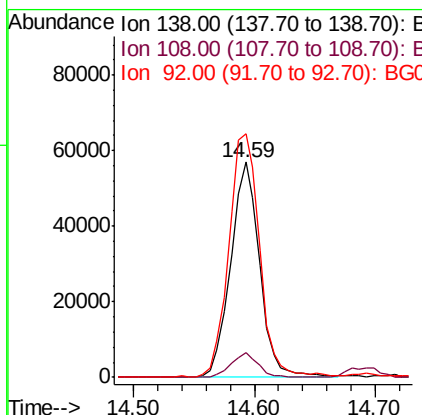
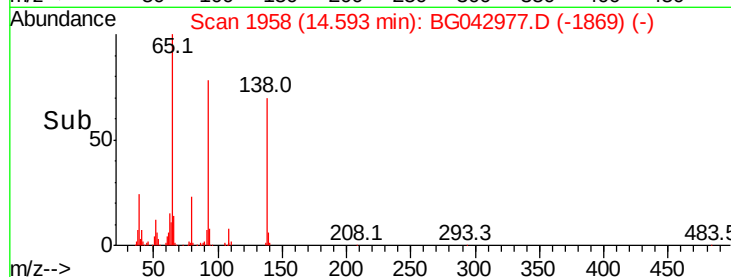
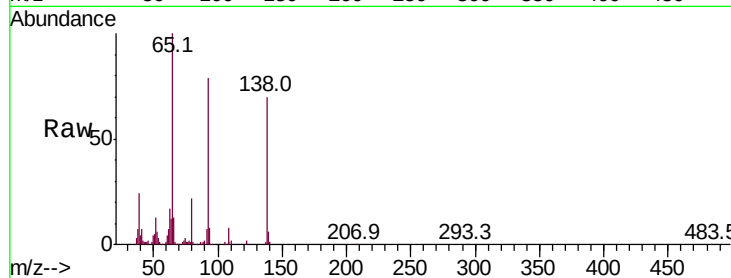
MC-17-COMPOSITEMSD

Tot Ion:138 Resp: 95120

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.9	11.9
92	113.1	97.0	145.6

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#54

2,4-Dinitrophenol

Concen: 92.911 ng

RT: 14.79 min Scan# 1992

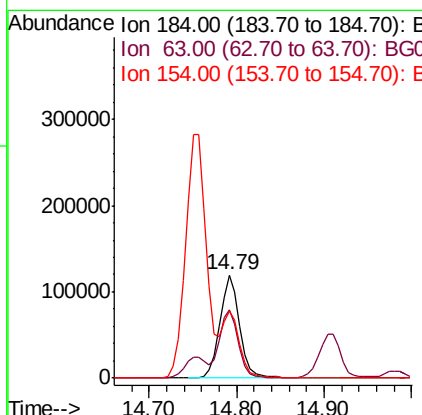
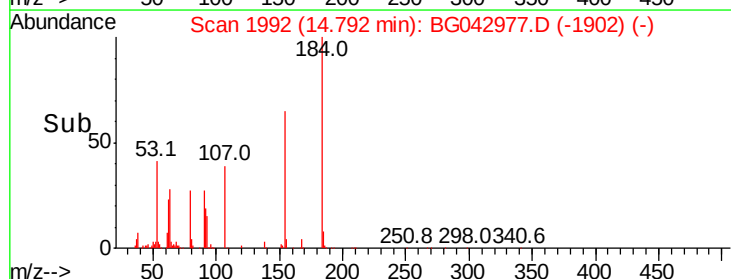
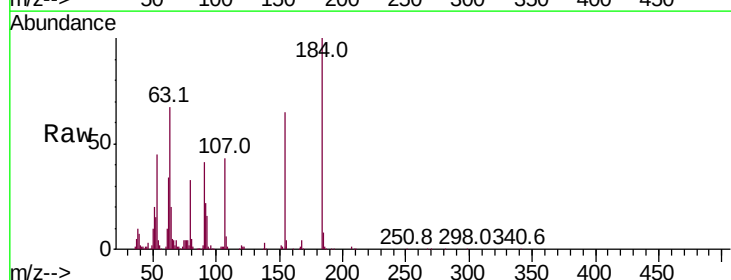
Delta R.T. -0.00 min

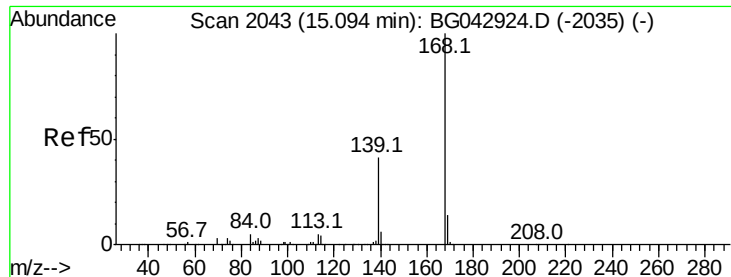
Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:184 Resp: 186091

Ion	Ratio	Lower	Upper
184	100		
63	66.8	55.0	82.6
154	65.0	56.5	84.7





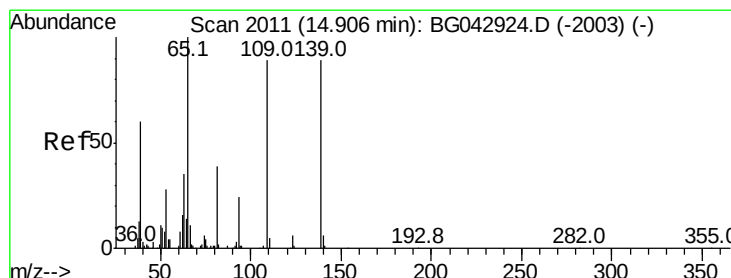
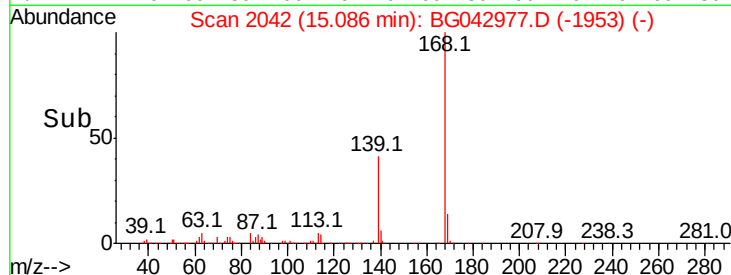
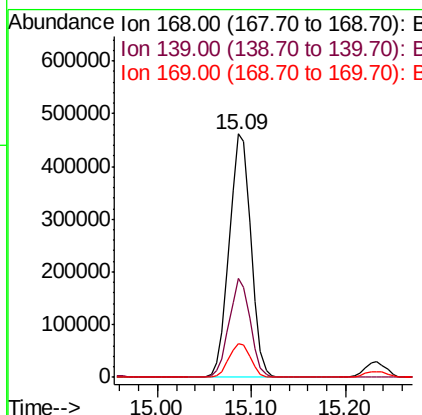
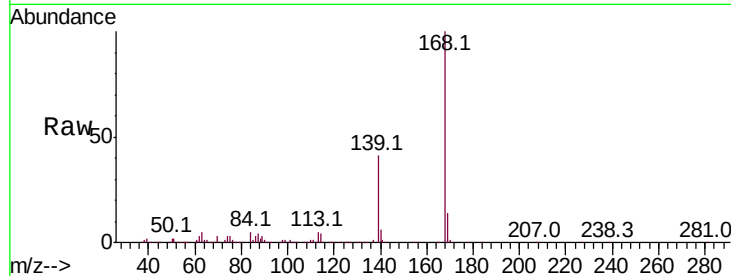
#55
Dibenzofuran
Concen: 42.478 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	32.6	48.8	
169	14.0	11.2	16.8	

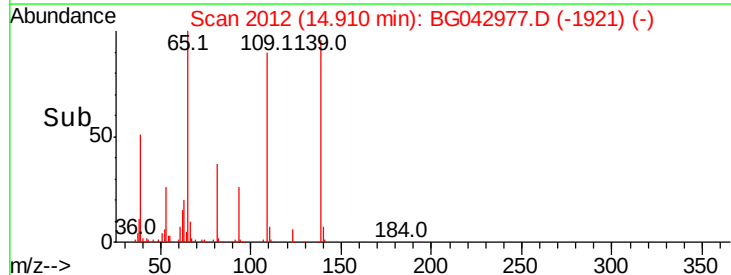
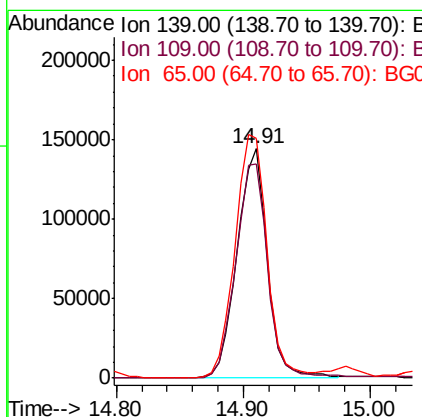
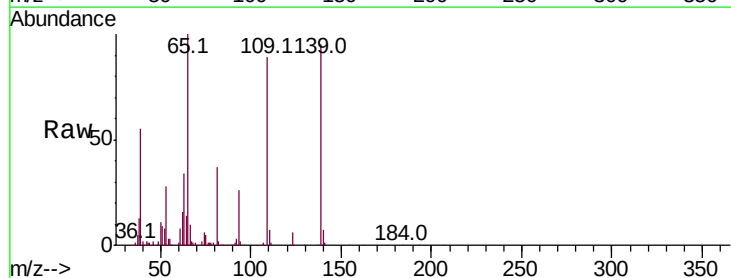
Manual Integrations
APPROVED

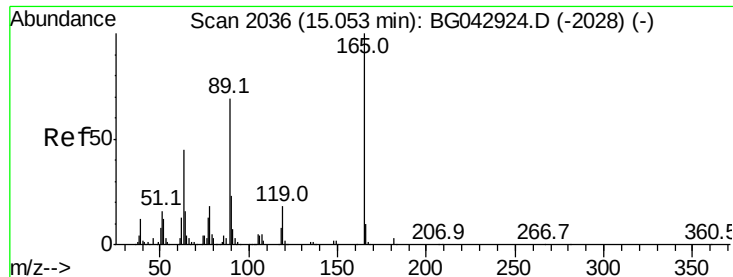
mohammad
10/2/2019 4:00:29 PM



#56
4-Nitrophenol
Concen: 93.850 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.6	79.4	119.4	
65	104.8	92.5	132.5	





#57

2,4-Dinitrotoluene

Concen: 42.838 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

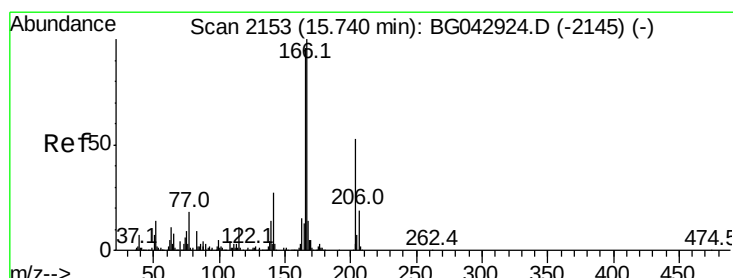
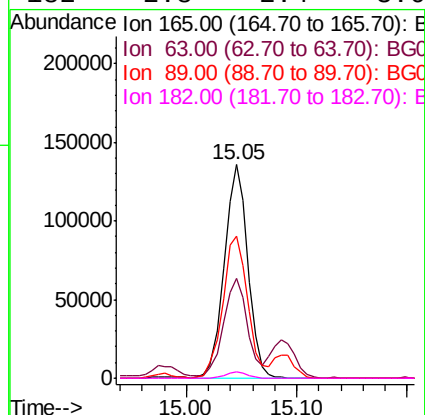
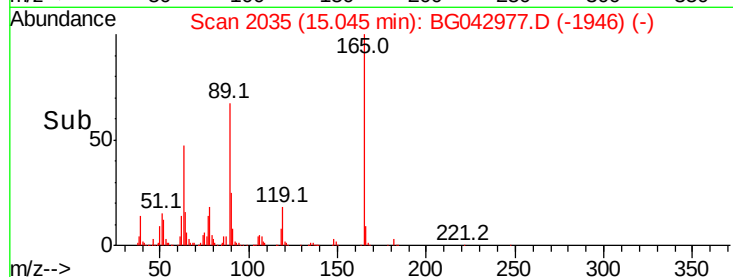
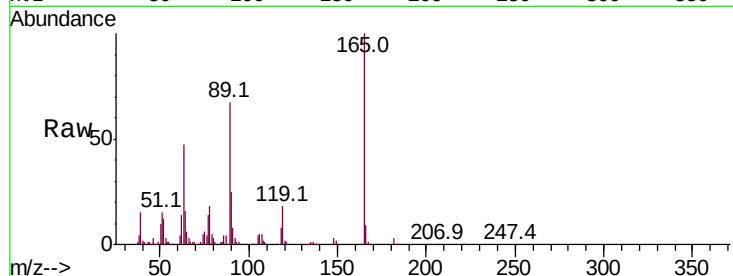
ClientSampleId :

MC-17-COMPOSITE.MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	202141		
63	46.7	36.5	54.7	
89	66.8	55.5	83.3	
182	2.8	2.4	3.6	

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#58

Fluorene

Concen: 42.113 ng

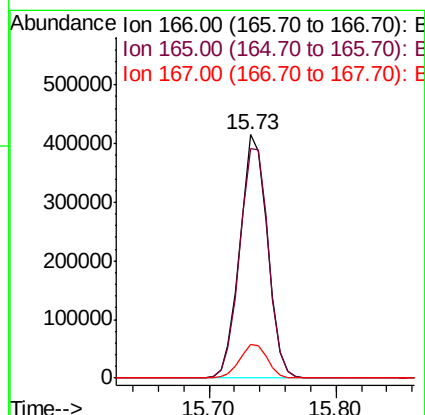
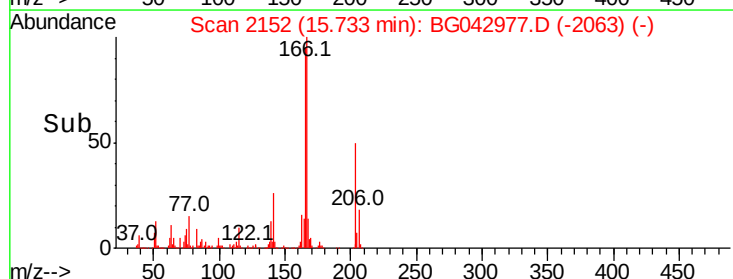
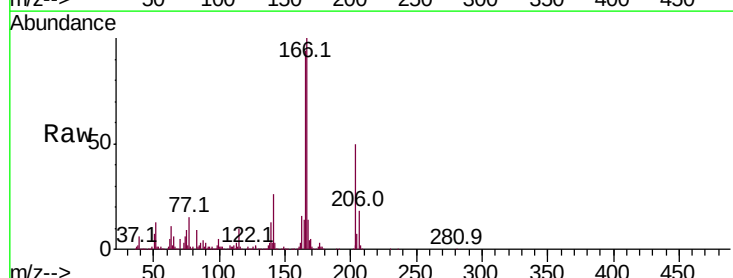
RT: 15.73 min Scan# 2152

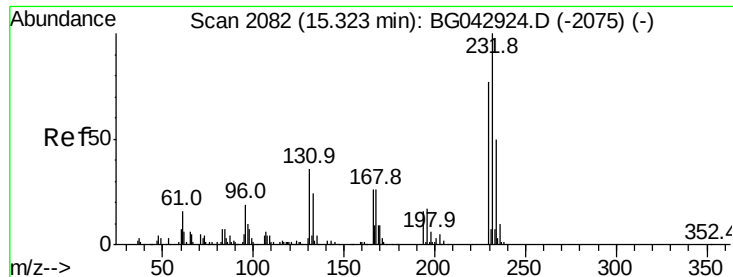
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625473		
165	94.2	77.1	115.7	
167	14.1	11.0	16.6	





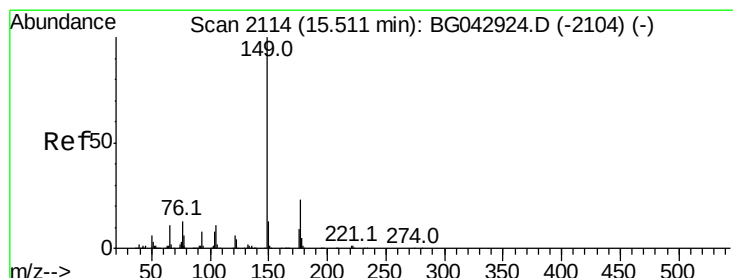
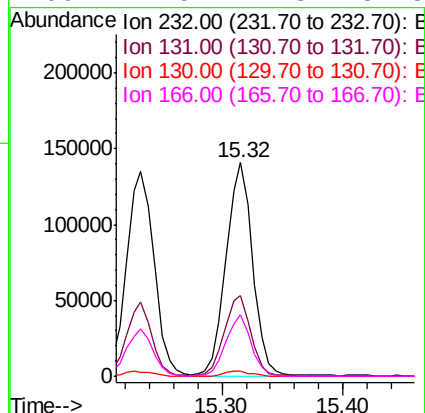
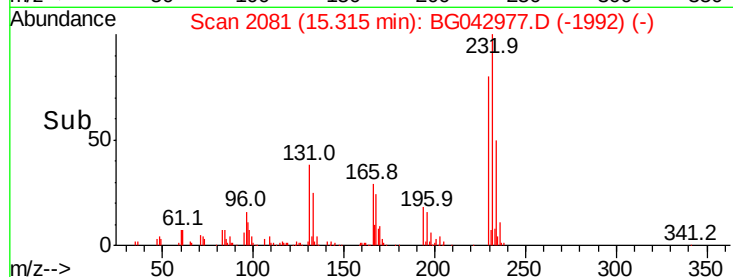
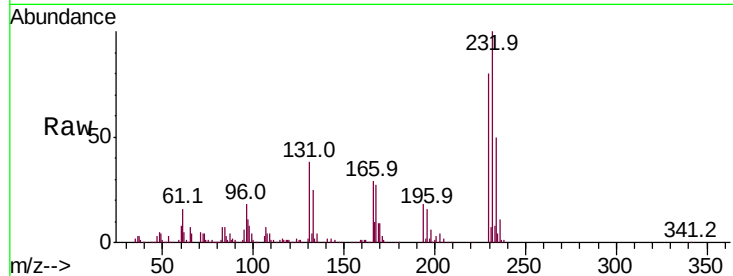
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.017 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214566		
131	37.0	29.6	44.4	
130	2.4	1.9	2.9	
166	27.5	21.8	32.8	

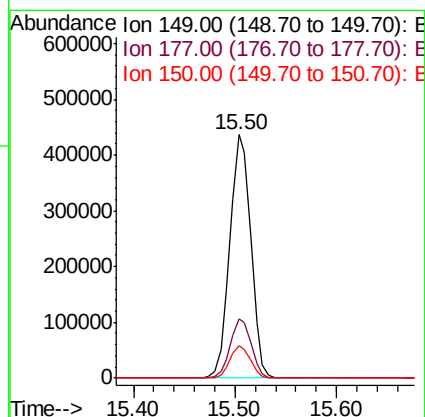
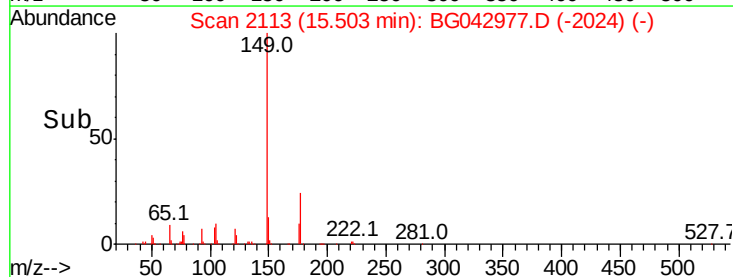
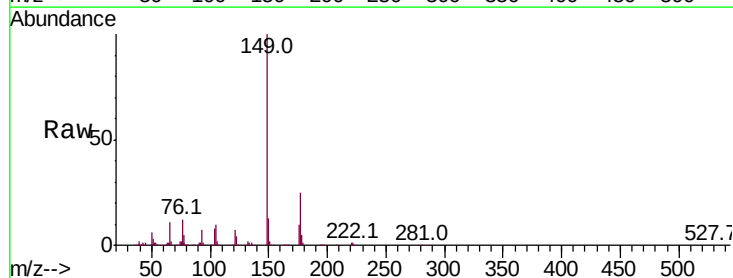
Manual Integrations
 APPROVED

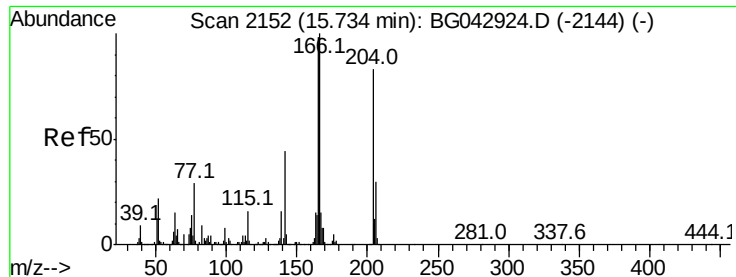
mohammad
 10/2/2019 4:00:29 PM



#60
 Diethylphthalate
 Concen: 40.686 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	626524		
177	24.5	18.8	28.2	
150	13.4	10.6	15.8	





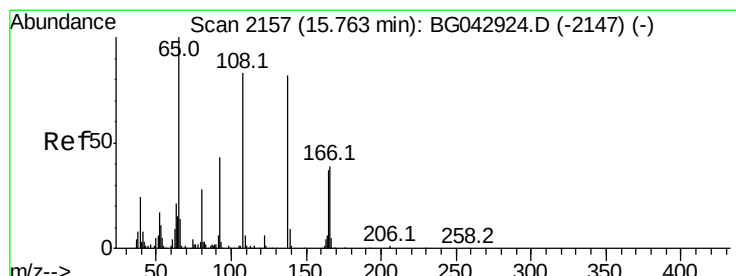
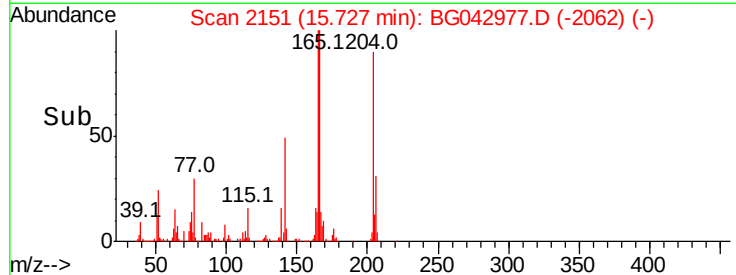
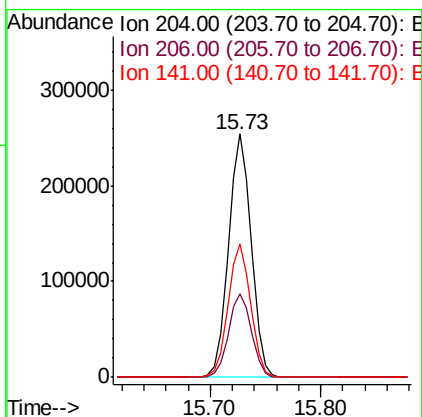
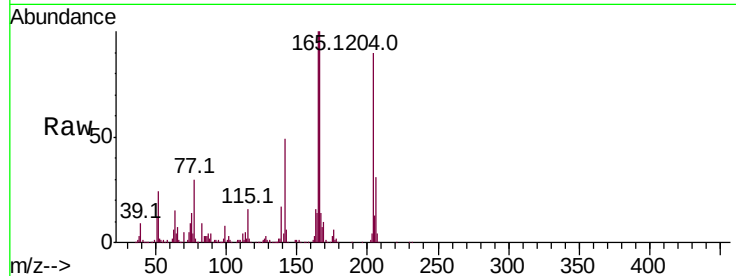
#61
4-Chlorophenyl-phenylether
Concen: 41.077 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	28.5	42.7
141	54.6	42.4	63.6

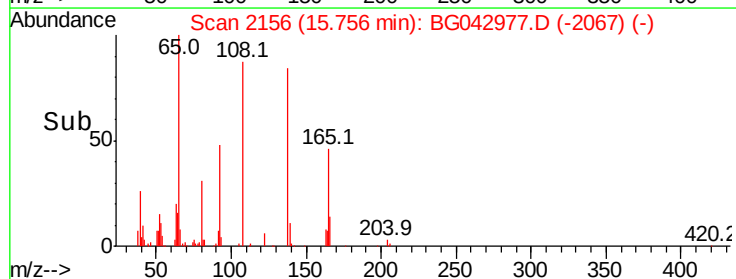
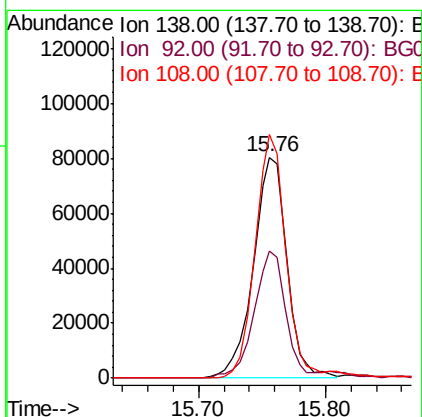
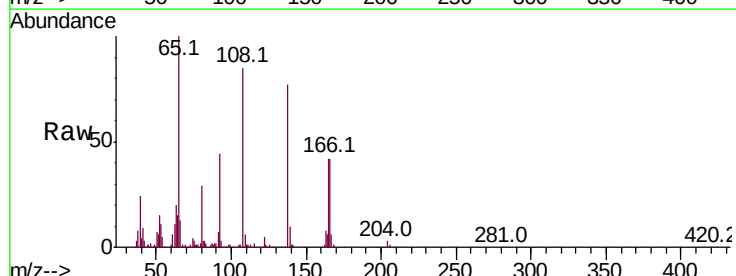
Manual Integrations
APPROVED

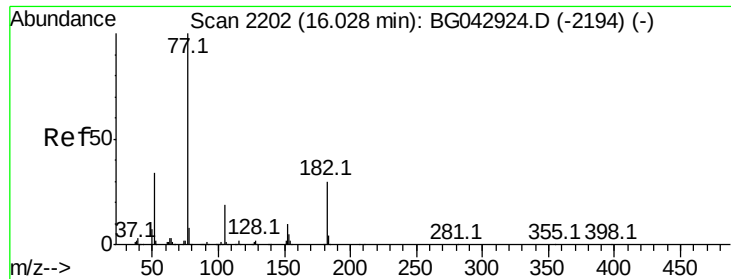
mohammad
10/2/2019 4:00:29 PM



#62
4-Nitroaniline
Concen: 40.788 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	32.9	72.9
108	110.2	81.3	121.3





#63

Azobenzene

Concen: 41.222 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

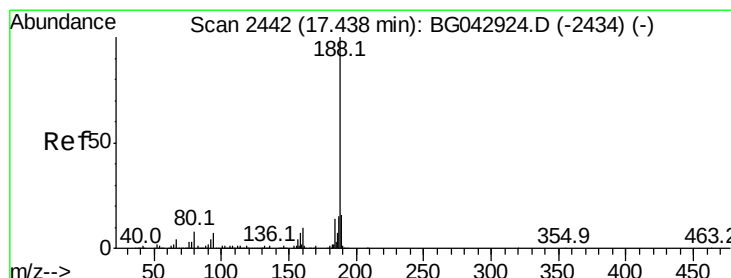
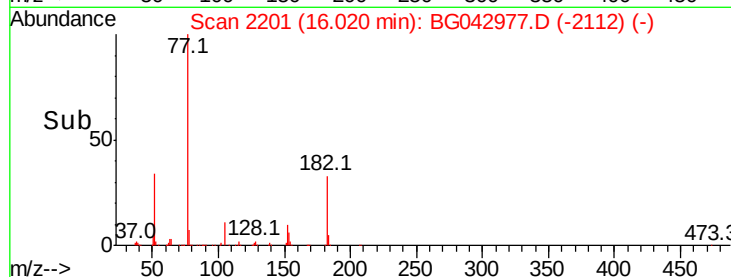
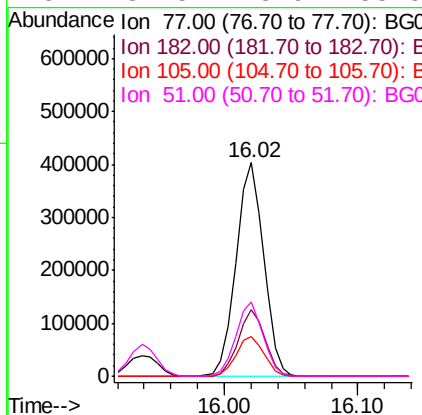
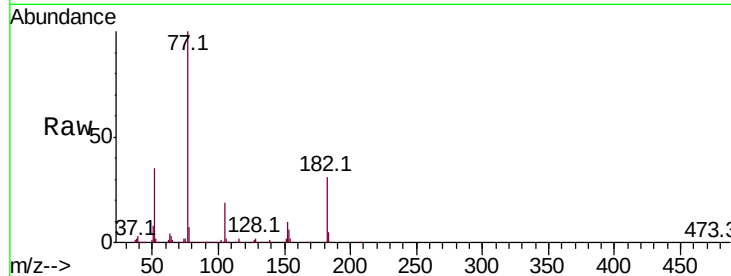
ClientSampleId :

MC-17-COMPOSITE.MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.4	10.2	50.2		
105	18.8	0.0	39.1		
51	34.5	13.9	53.9		

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

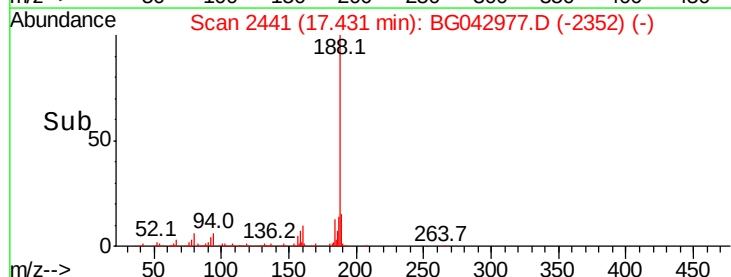
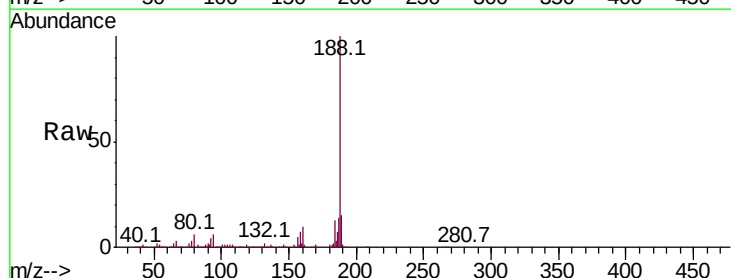
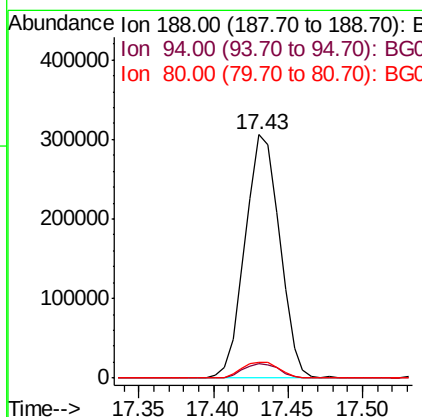
RT: 17.43 min Scan# 2441

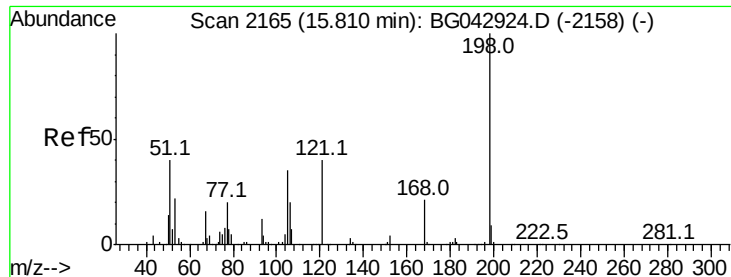
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.2	5.7	8.5		
80	6.5	6.5	9.7#		





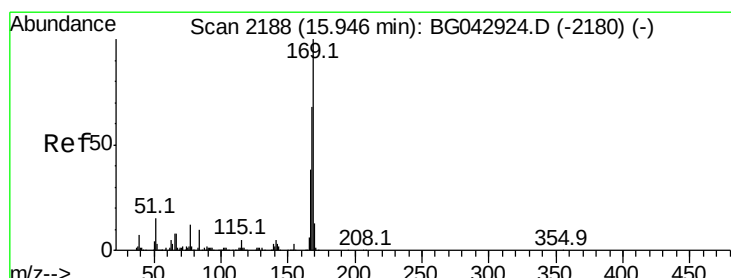
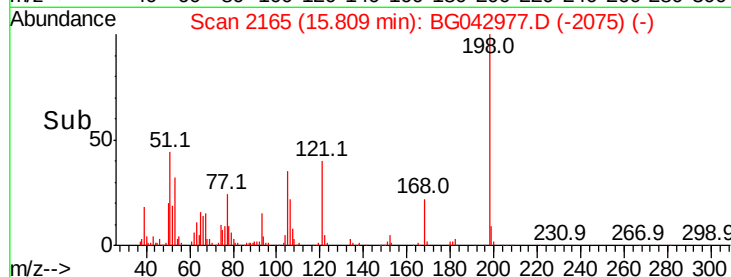
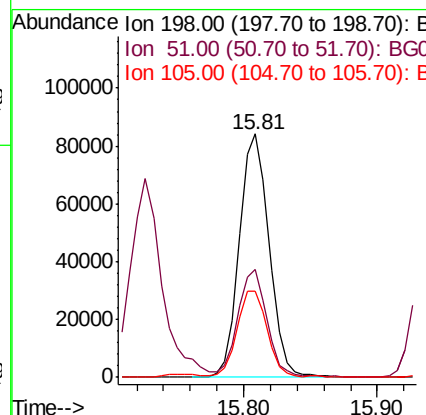
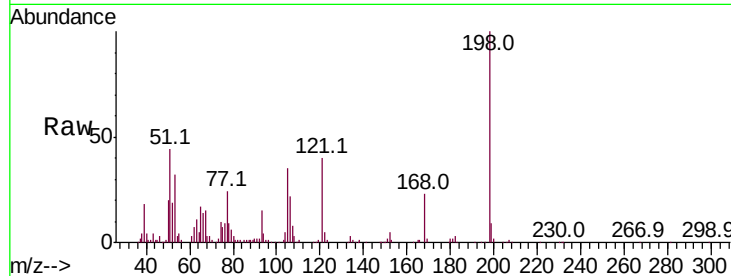
#65
4,6-Dinitro-2-methylphenol
Concen: 46.755 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.3	25.3	65.3	
105	35.4	16.6	56.6	

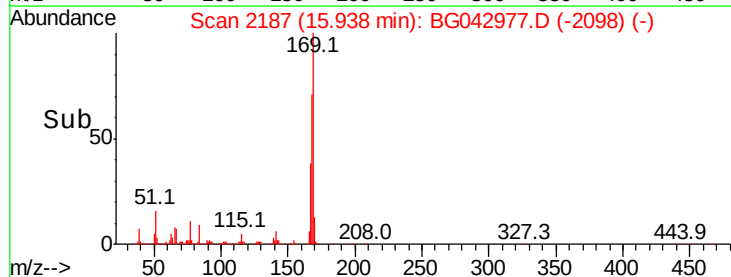
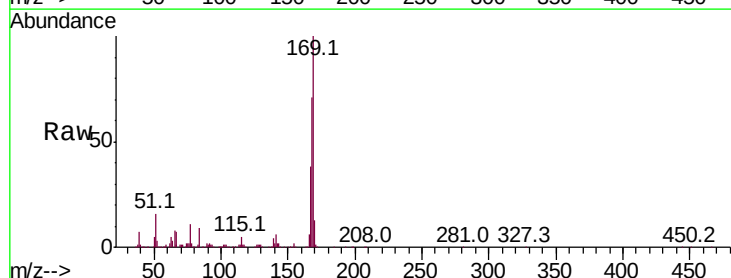
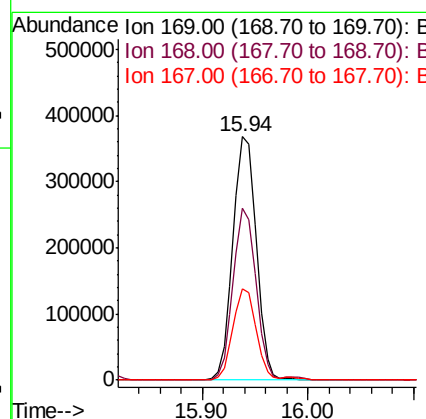
Manual Integrations
APPROVED

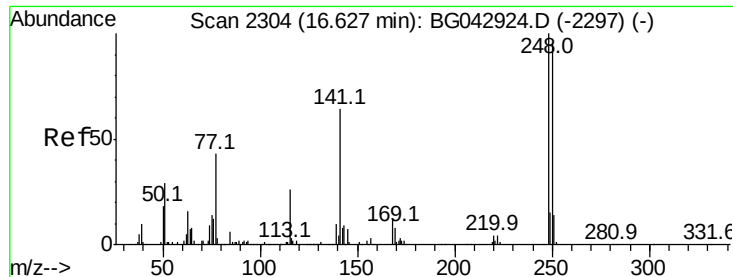
mohammad
10/2/2019 4:00:29 PM



#66
n-Nitrosodiphenylamine
Concen: 43.322 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.6	54.8	82.2	
167	37.7	30.6	46.0	





#67

4-Bromophenyl-phenylether

Concen: 42.165 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

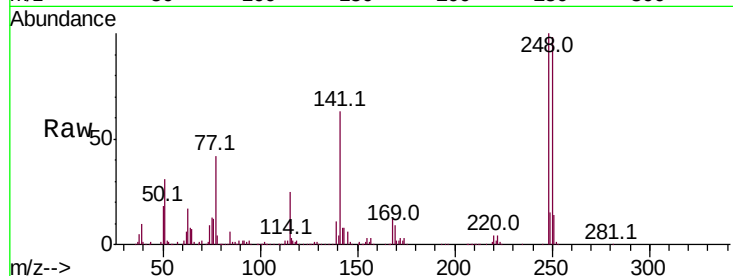
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	248	Resp:	260547
Ion Ratio	Lower	Upper	
248	100		
250	98.3	75.8	113.8
141	62.8	51.1	76.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM

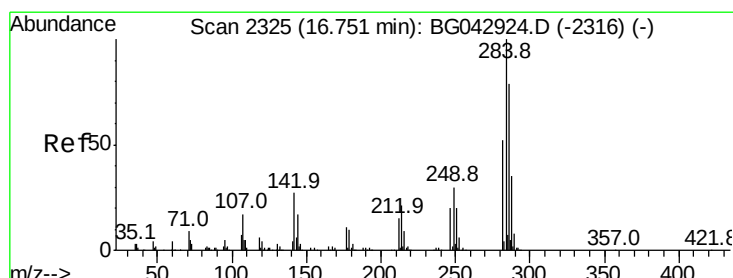
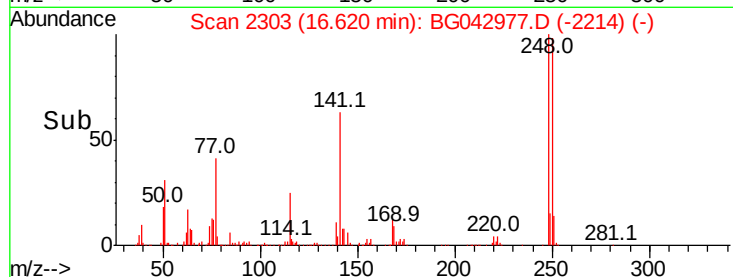
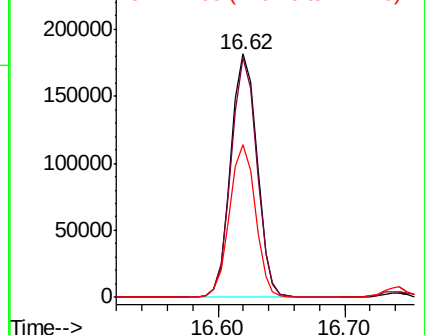


Abundance

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: 40.363 ng

RT: 16.74 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

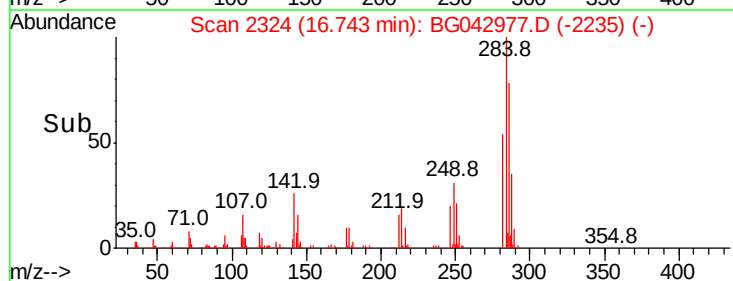
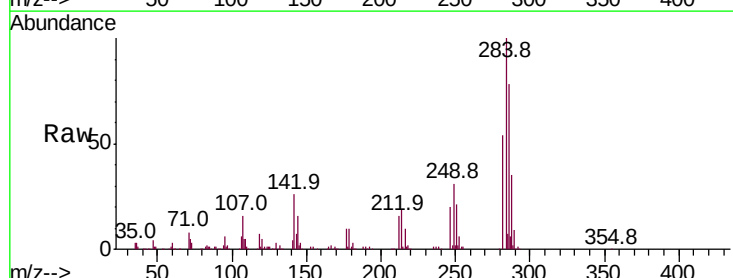
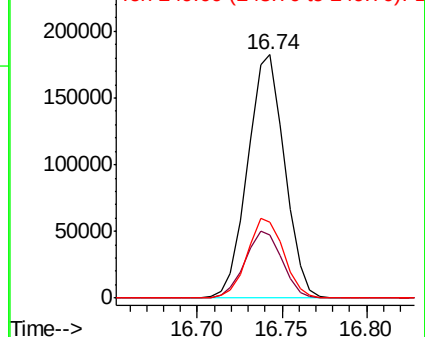
Tgt Ion:	284	Resp:	277703
Ion Ratio	Lower	Upper	
284	100		
142	25.9	21.6	32.4
249	31.4	24.1	36.1

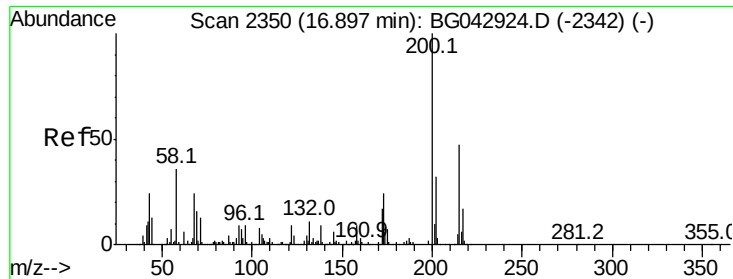
Abundance

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





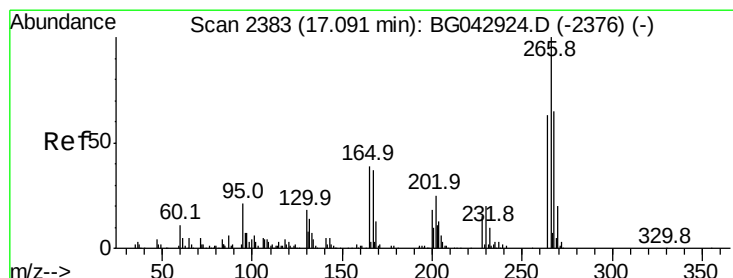
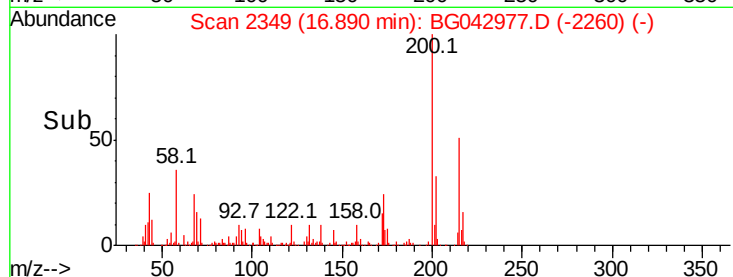
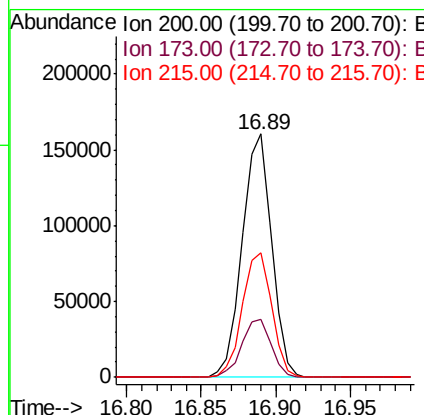
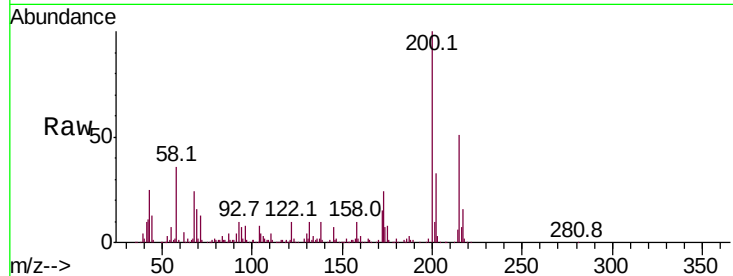
#69
Atrazine
Concen: 40.056 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	4.0	44.0
215	51.2	27.4	67.4

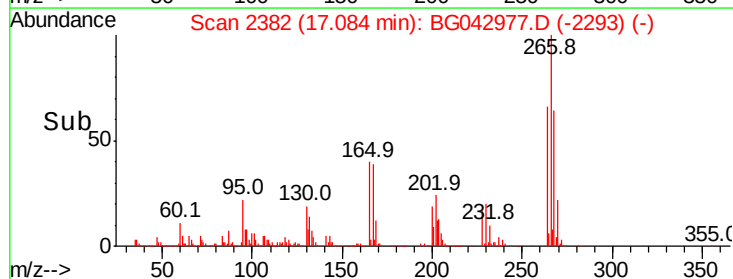
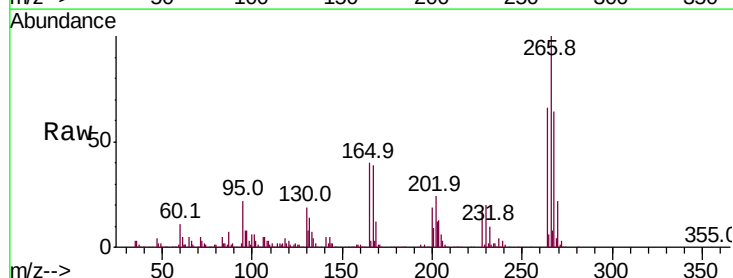
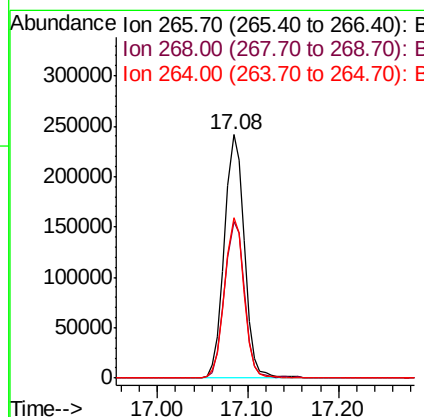
Manual Integrations
APPROVED

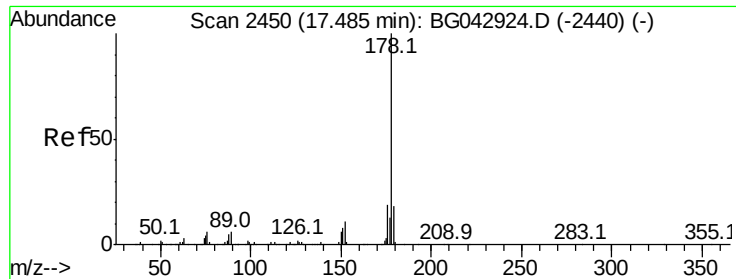
mohammad
10/2/2019 4:00:29 PM



#70
Pentachlorophenol
Concen: 93.345 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	52.2	78.2
264	65.9	50.7	76.1





#71

Phenanthrene

Concen: 41.485 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

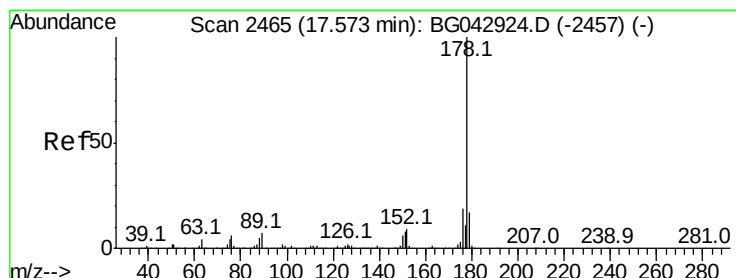
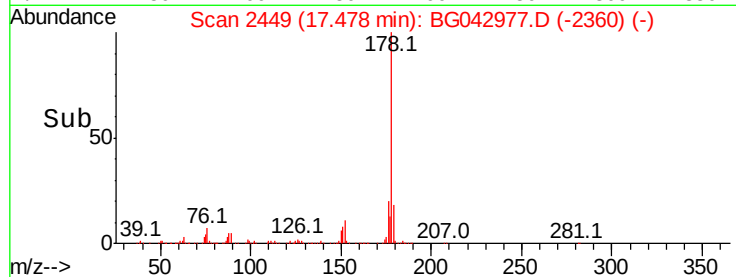
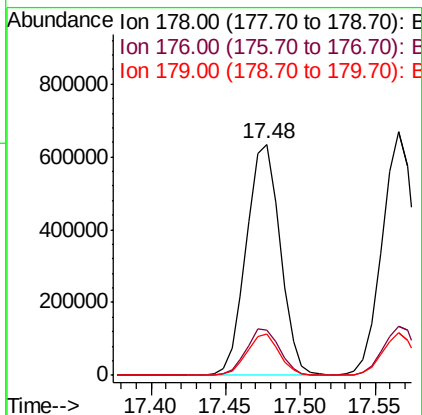
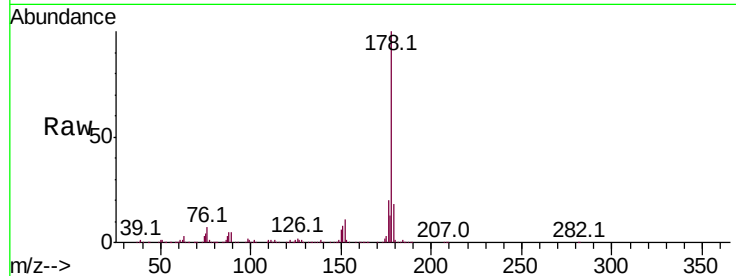
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	178	Resp:	997134
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.1	22.7
179	17.9	14.1	21.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#72

Anthracene

Concen: 42.512 ng

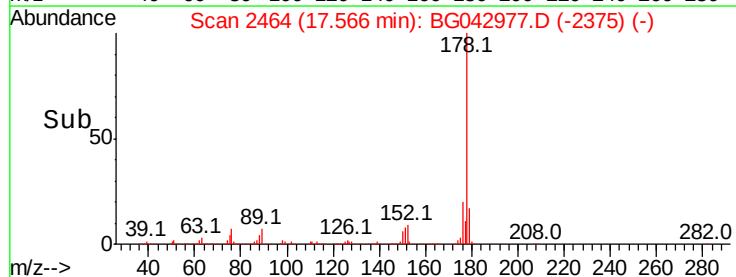
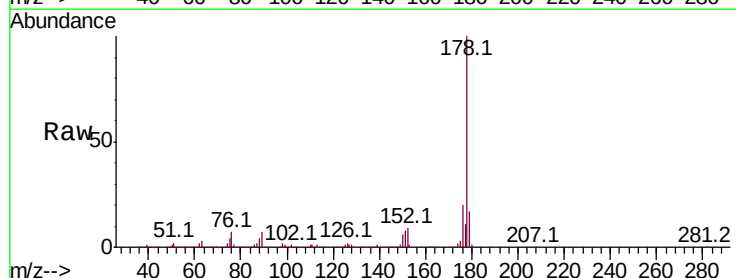
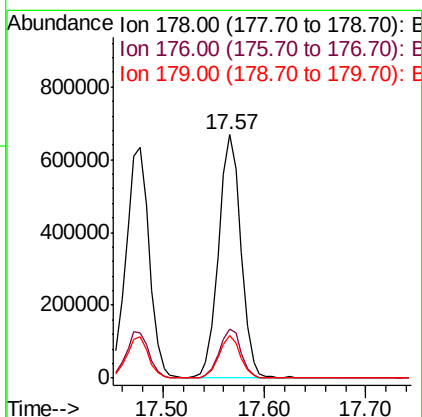
RT: 17.57 min Scan# 2464

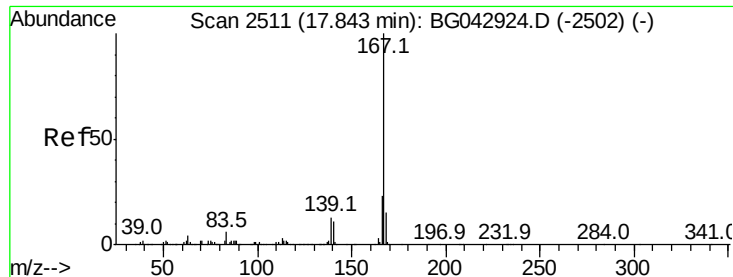
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	178	Resp:	1020088
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.5	23.3
179	17.3	13.5	20.3





#73

Carbazole

Concen: 42.726 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

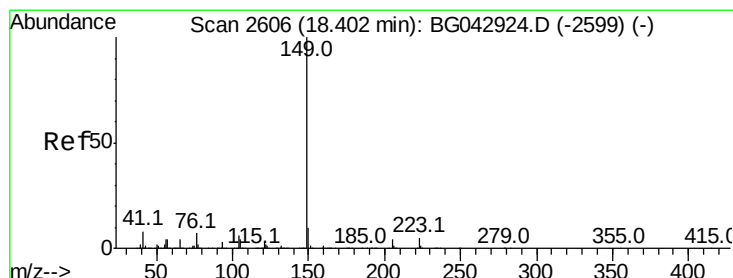
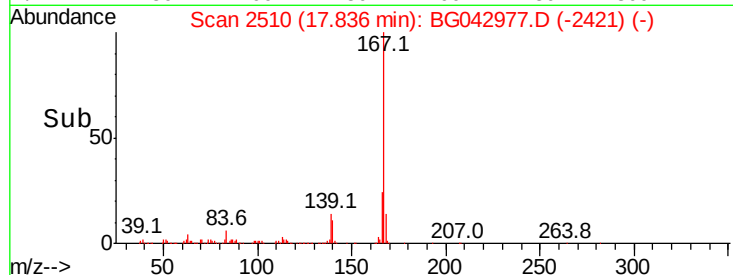
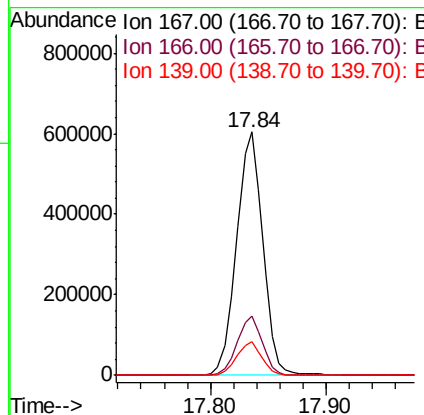
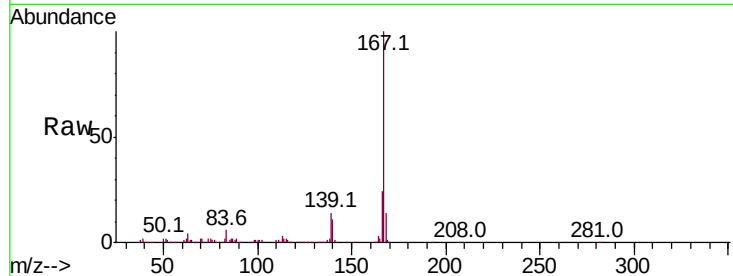
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	167	Resp:	950709
Ion Ratio	Lower	Upper	
167	100		
166	24.3	18.6	28.0
139	13.6	10.8	16.2

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#74

Di-n-butylphthalate

Concen: 40.986 ng

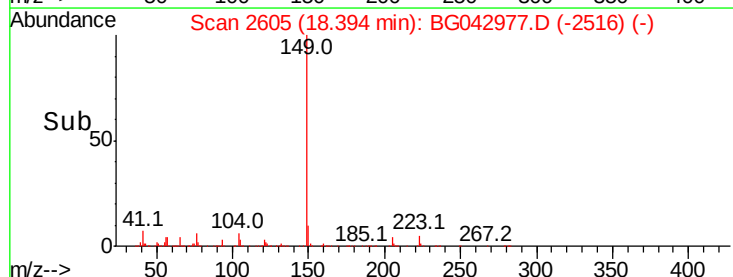
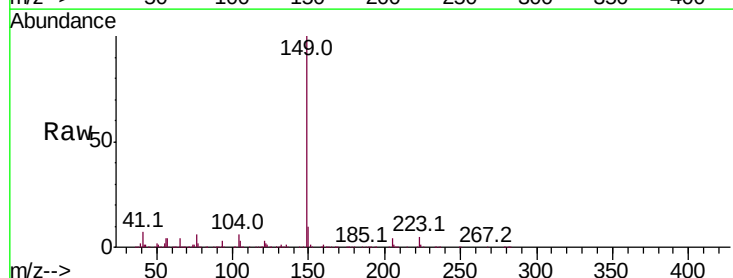
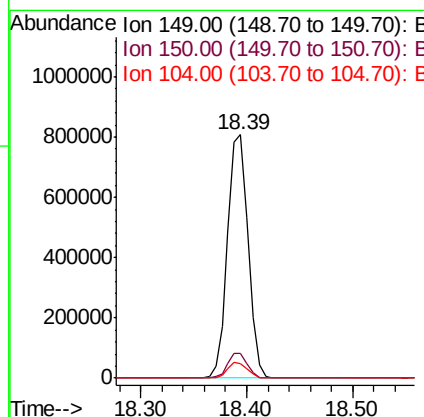
RT: 18.39 min Scan# 2605

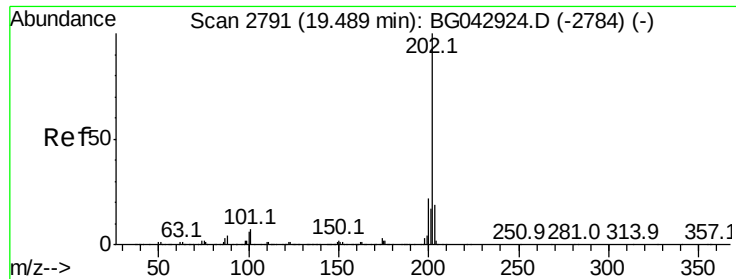
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	149	Resp:	1088129
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.7	11.5
104	5.8	5.0	7.6





#75

Fluoranthene

Concen: 41.999 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

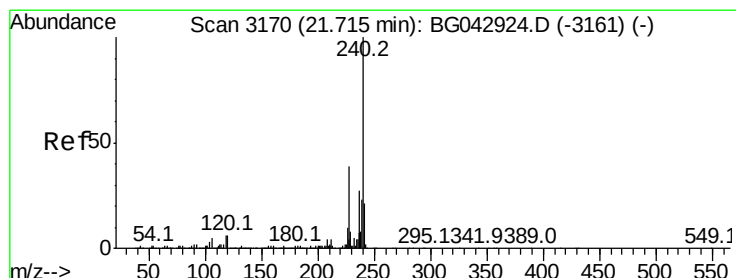
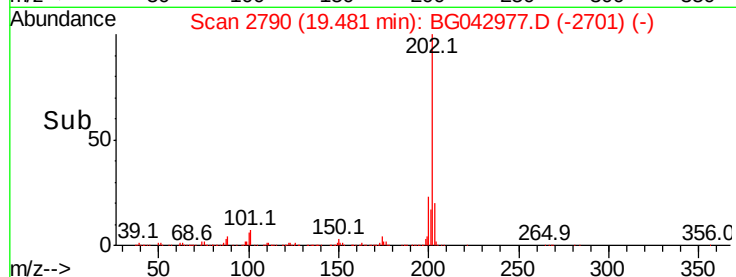
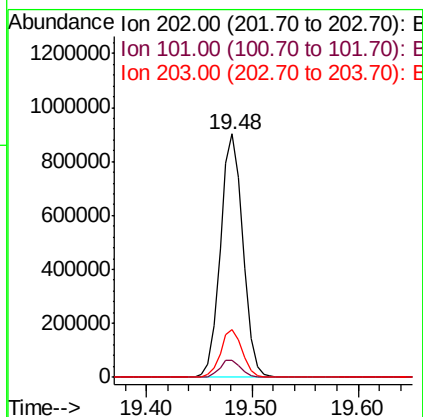
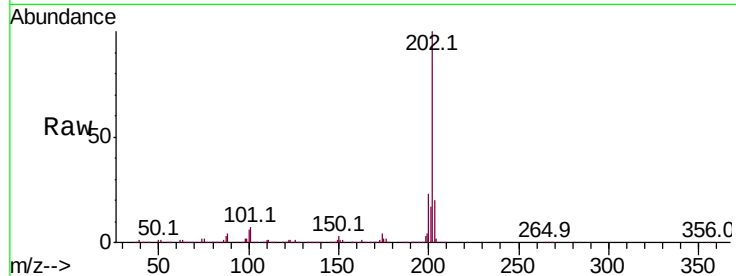
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	202	Resp:	1335217
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.3
203	19.7	0.0	39.5

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#76

Chrysene-d12

Concen: 20.000 ng

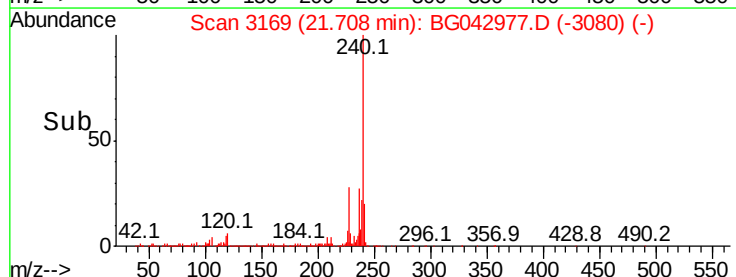
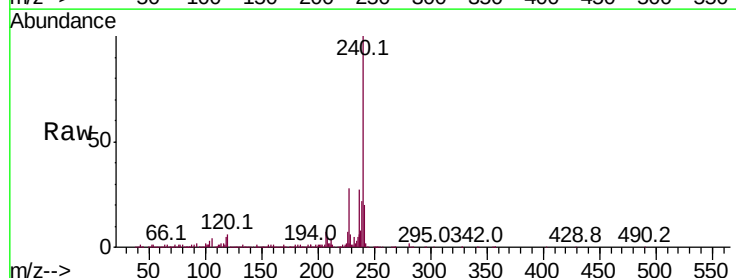
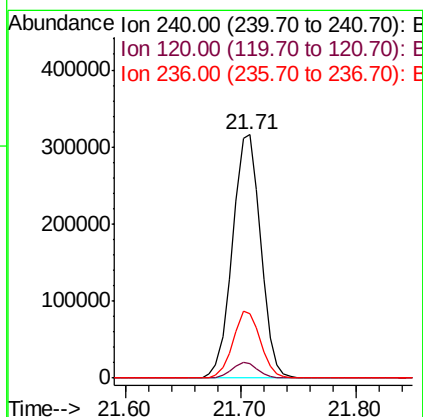
RT: 21.71 min Scan# 3169

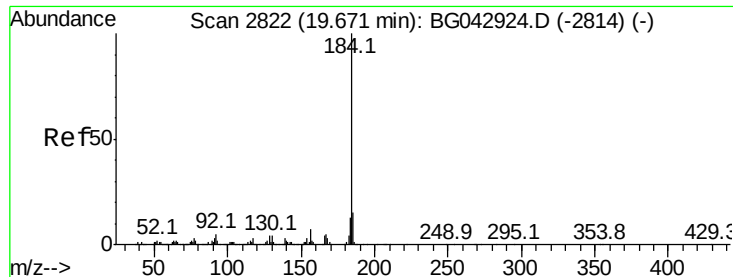
Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	240	Resp:	534673
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.8	7.2
236	26.5	21.4	32.0





#77

Benzidine

Concen: 47.060 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

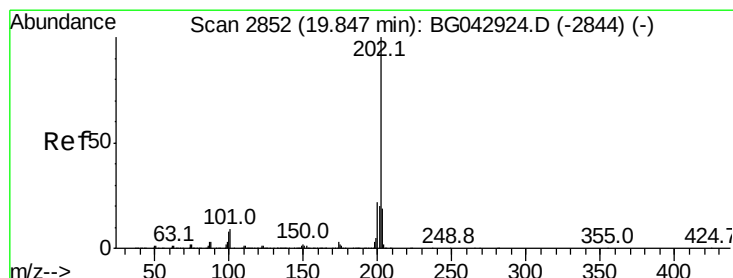
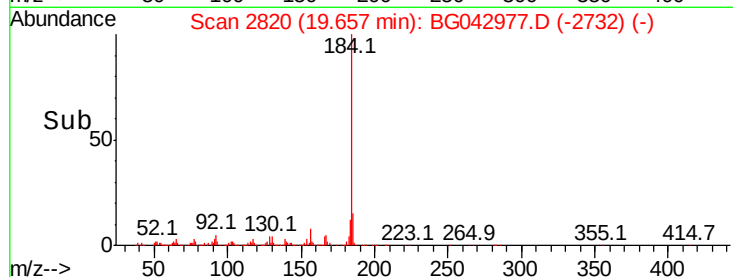
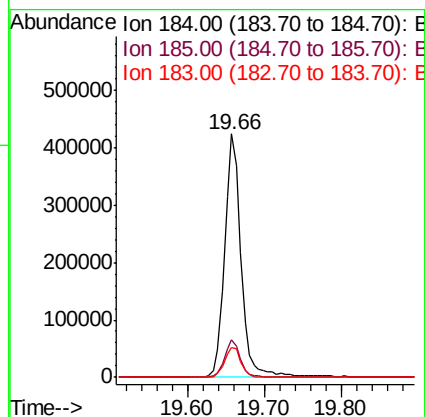
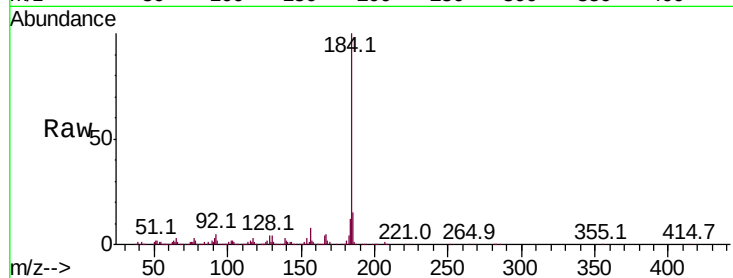
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	184	Resp:	630028
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.8
183	12.4	10.1	15.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#78

Pyrene

Concen: 42.480 ng

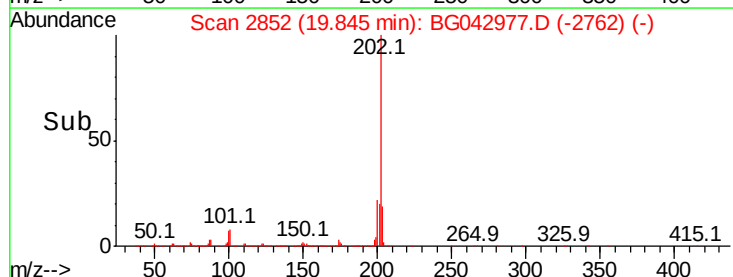
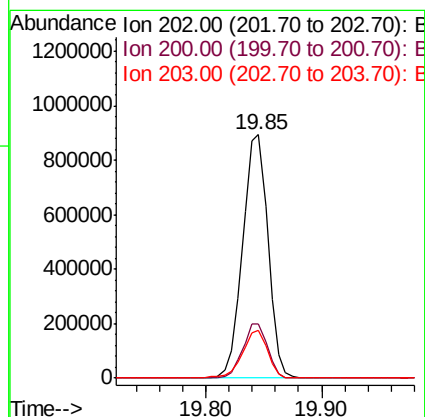
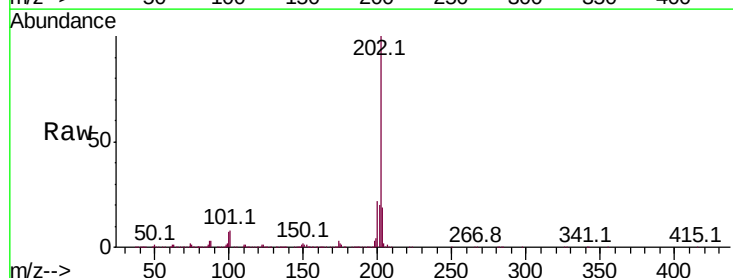
RT: 19.85 min Scan# 2852

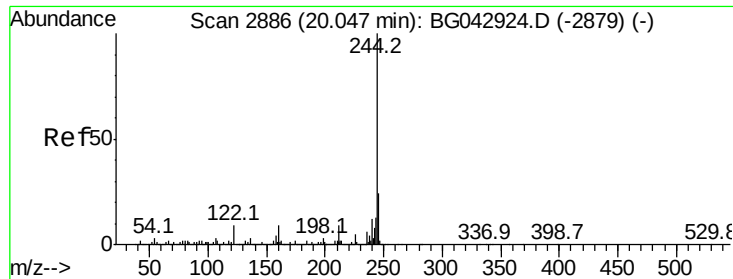
Delta R.T. -0.00 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	202	Resp:	1355662
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 53.307 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:244 Resp: 1337573

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.0

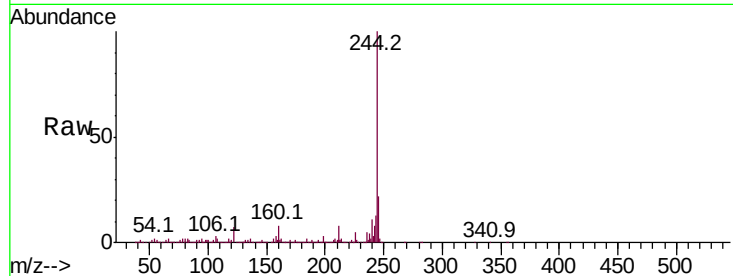
122 7.0 7.0 10.4

Manual Integrations

APPROVED

mohammad

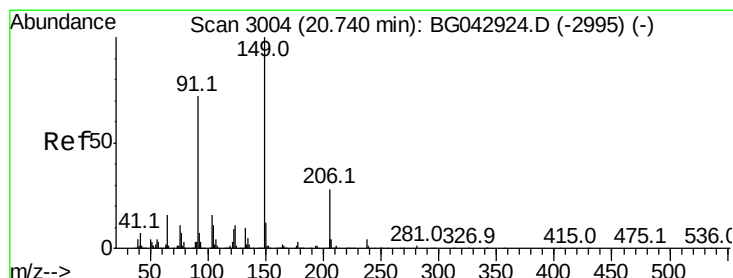
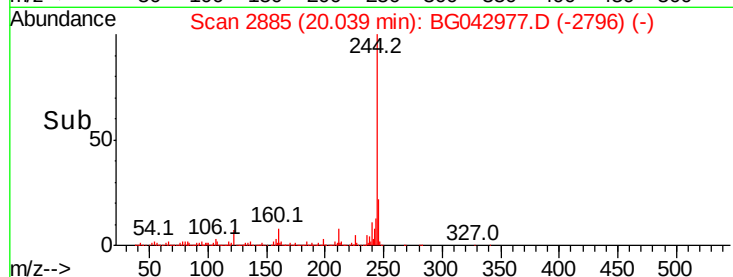
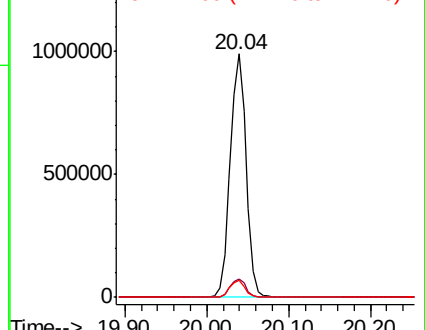
10/2/2019 4:00:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.272 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

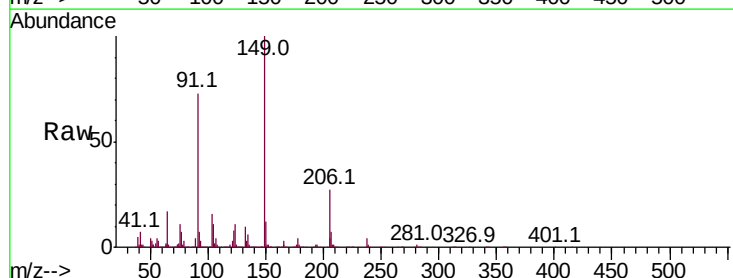
Tgt Ion:149 Resp: 512049

Ion Ratio Lower Upper

149 100

91 72.7 57.7 86.5

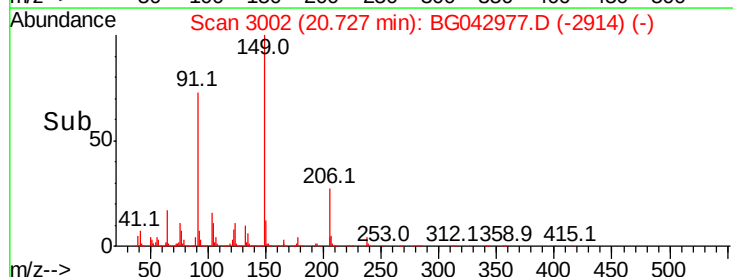
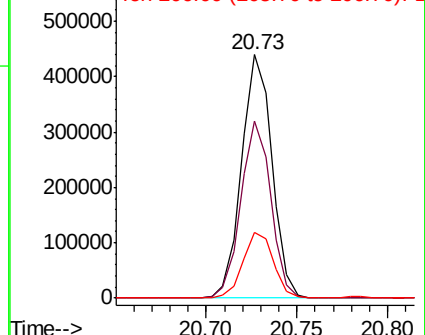
206 27.1 22.6 33.8

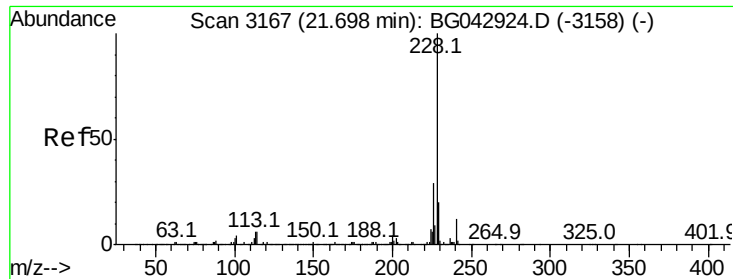


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





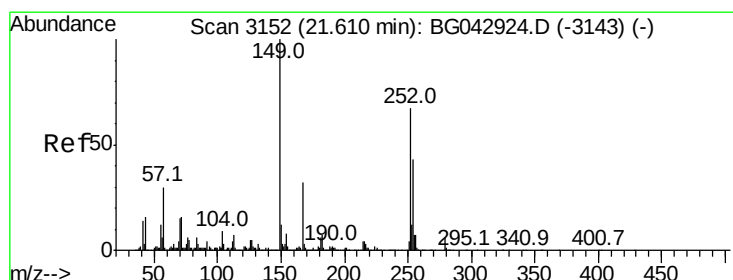
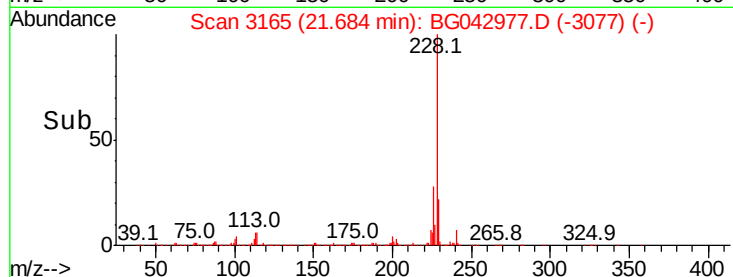
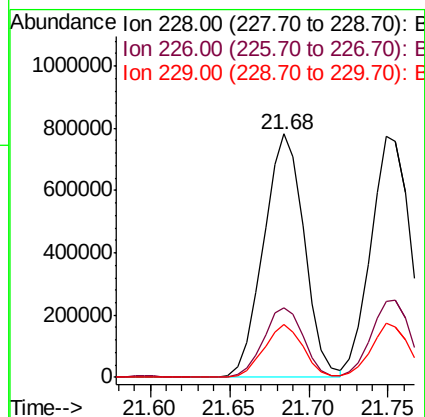
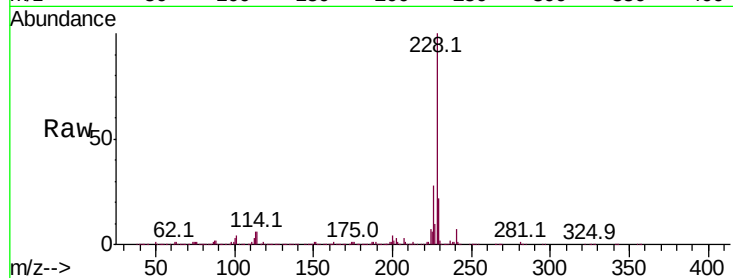
#81
Benzo(a)anthracene
Concen: 41.727 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	21.7	16.3	24.5

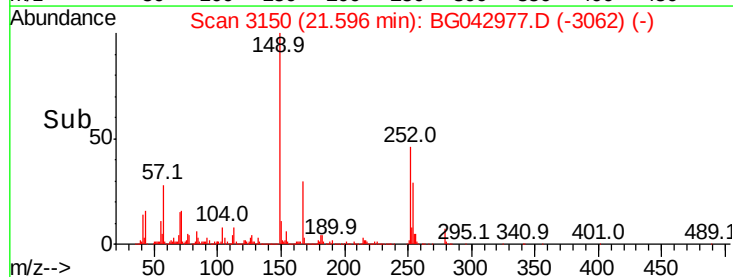
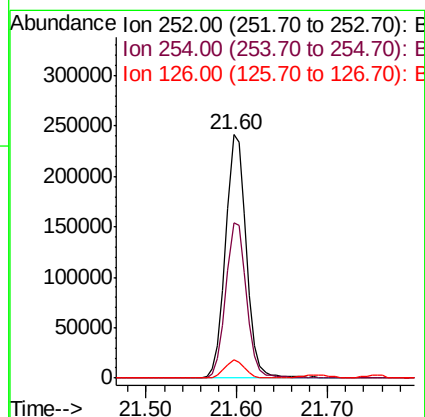
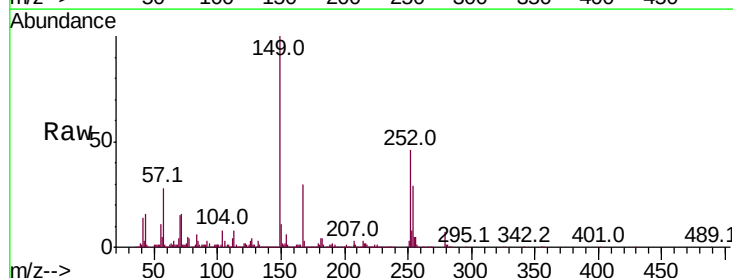
Manual Integrations
APPROVED

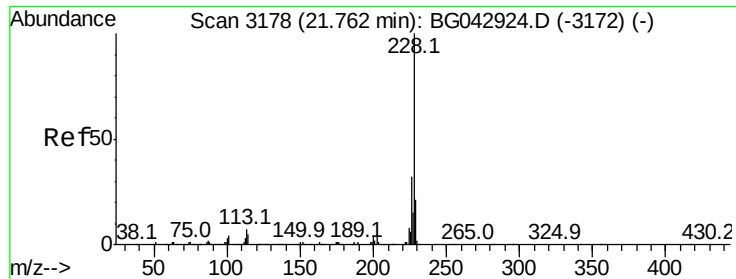
mohammad
10/2/2019 4:00:29 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.328 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG042977.D
Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.4	6.1	9.1





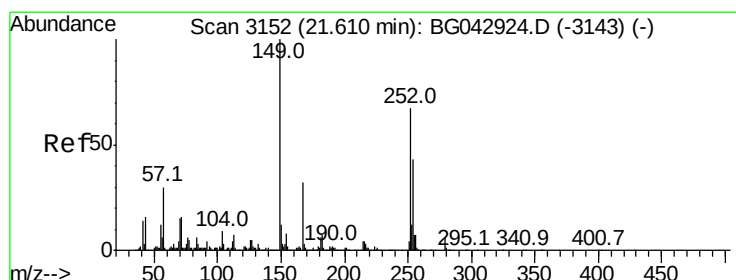
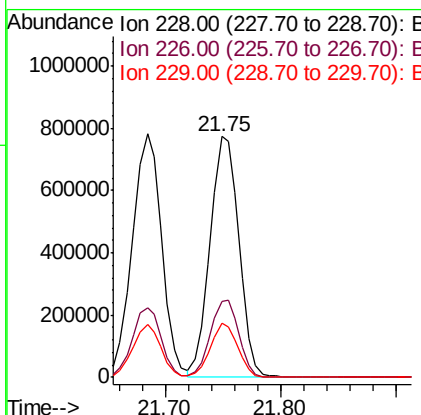
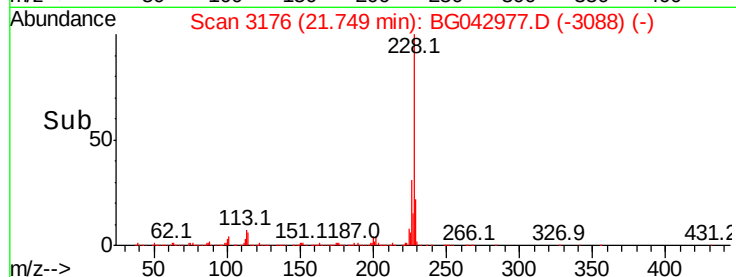
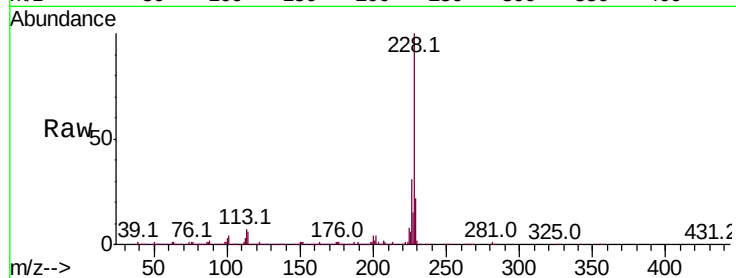
#83
 Chrysene
 Concen: 41.486 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion:	228	Resp:	1341232
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	22.4	16.9	25.3

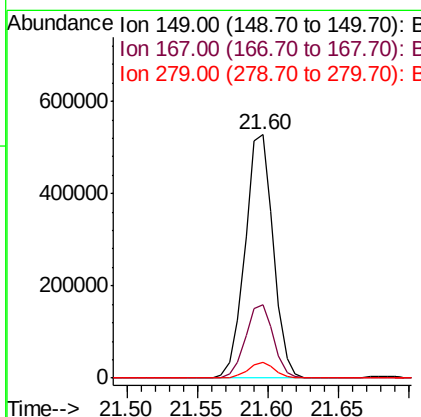
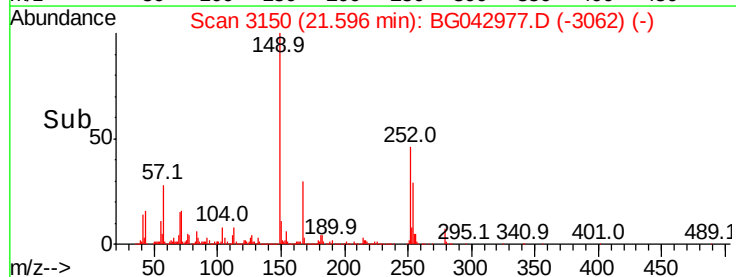
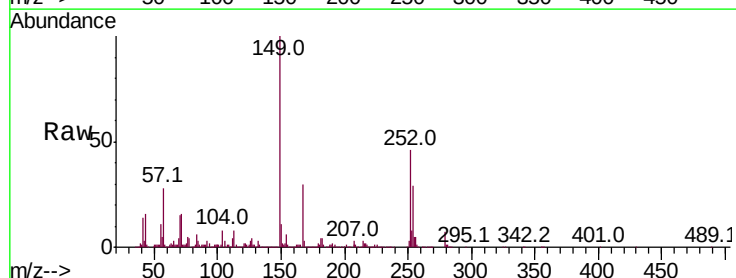
Manual Integrations
 APPROVED

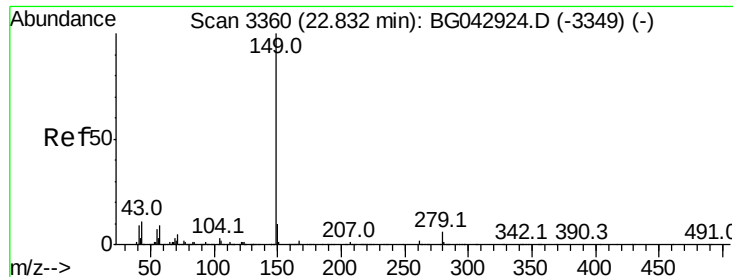
mohammad
 10/2/2019 4:00:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.586 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion:	149	Resp:	734025
Ion	Ratio	Lower	Upper
149	100		
167	30.0	25.4	38.2
279	6.7	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 43.676 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

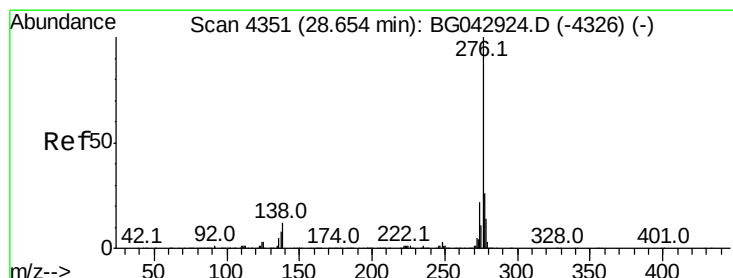
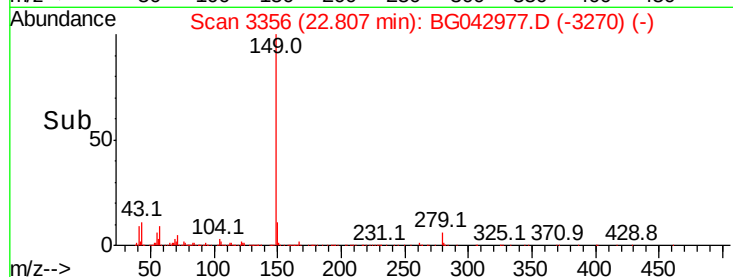
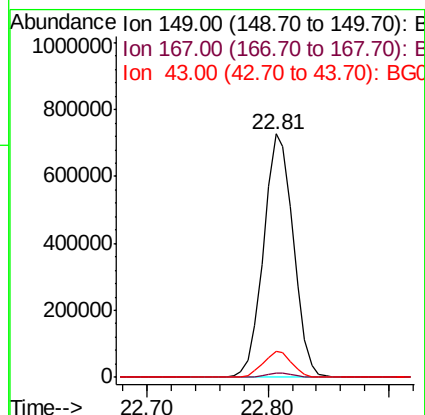
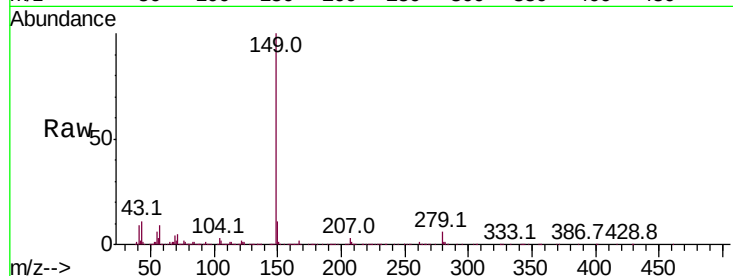
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	149	Resp:	1231025
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.7	13.1

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.592 ng

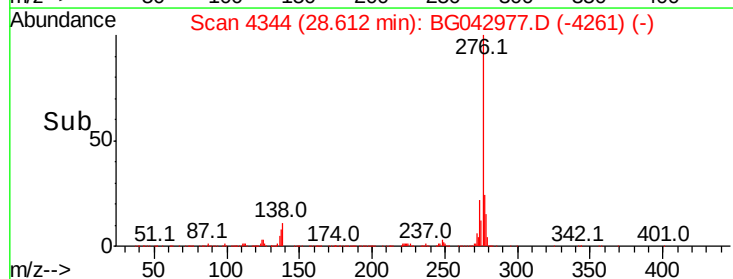
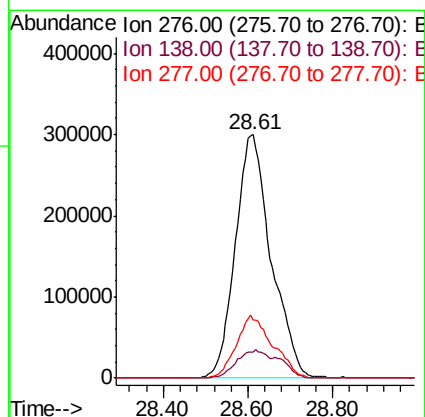
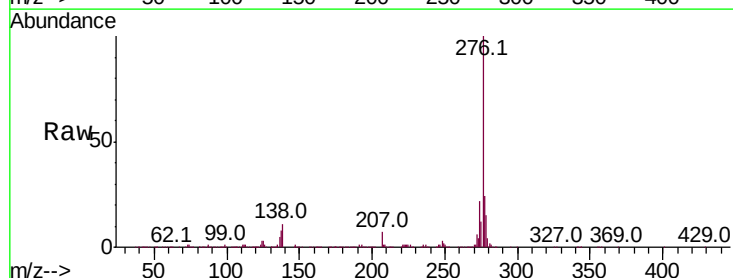
RT: 28.61 min Scan# 4344

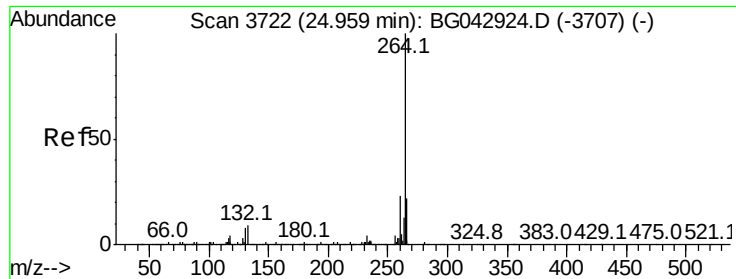
Delta R.T. -0.04 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	276	Resp:	1754485
Ion	Ratio	Lower	Upper
276	100		
138	10.4	7.0	10.6
277	26.3	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

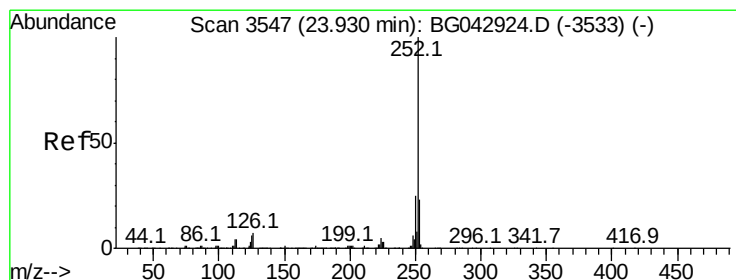
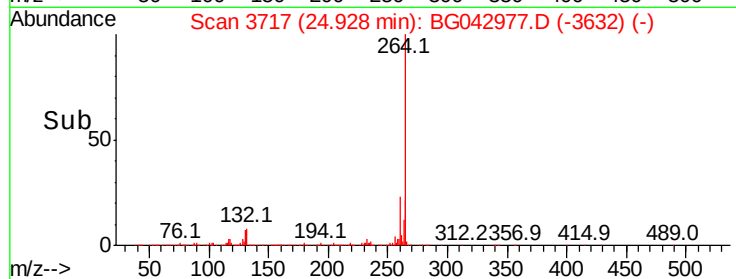
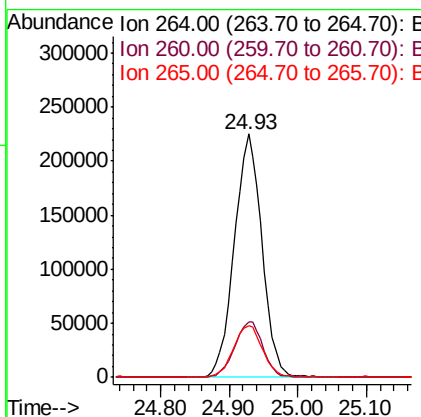
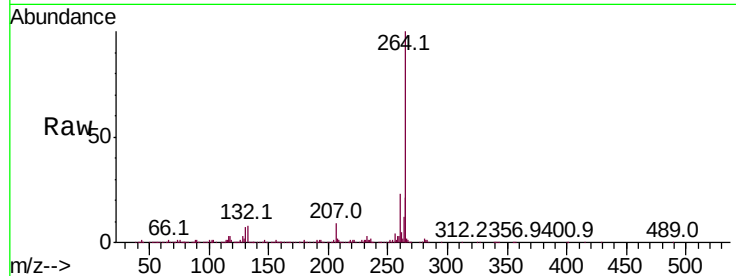
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	264	Resp:	628581
Ion Ratio		Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.1	17.7	26.5

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#88

Benzo(b)fluoranthene

Concen: 42.060 ng

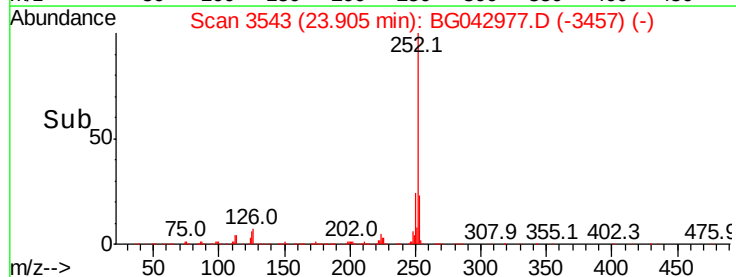
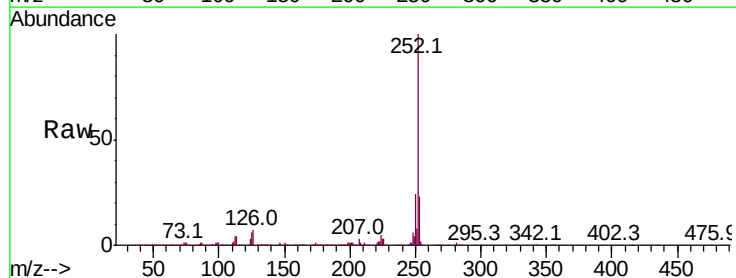
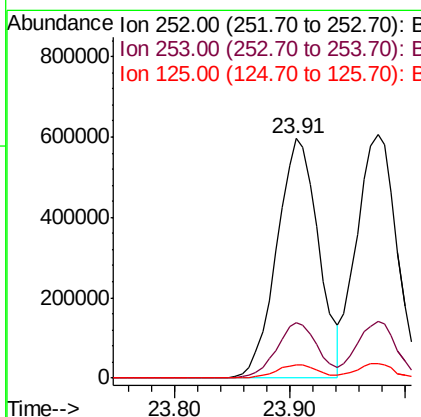
RT: 23.91 min Scan# 3543

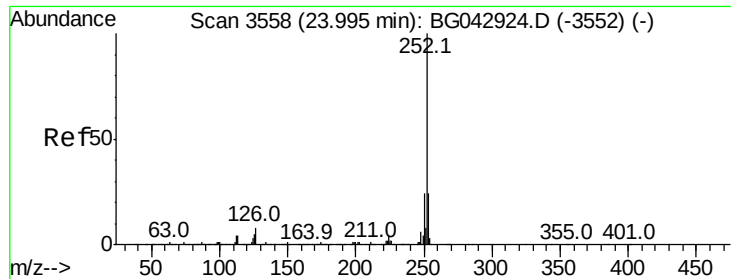
Delta R.T. -0.03 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	252	Resp:	1495951
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.2	27.2
125	5.7	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 41.596 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Instrument :

BNA_G

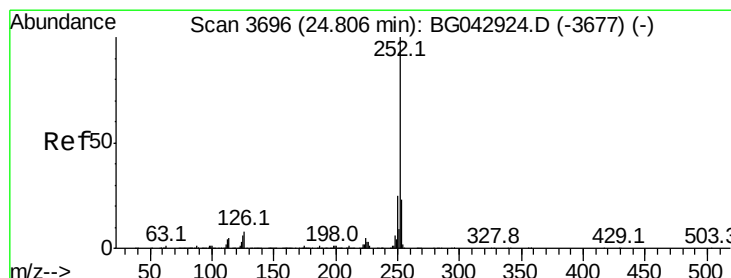
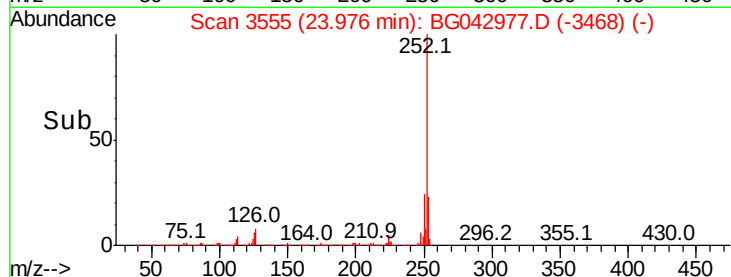
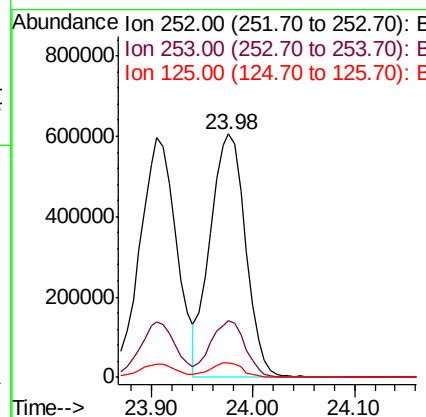
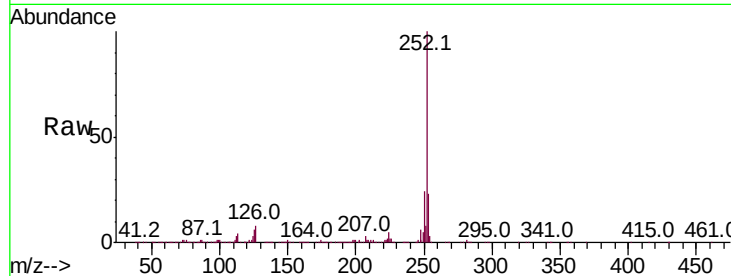
ClientSampleId :

MC-17-COMPOSITEMSD

Tot Ion:	252	Resp:	1463560
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	6.2	4.5	6.7

Manual Integrations
APPROVED

mohammad
10/2/2019 4:00:29 PM



#90

Benzo(a)pyrene

Concen: 43.482 ng

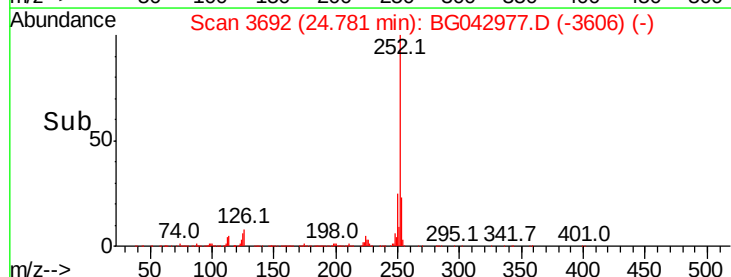
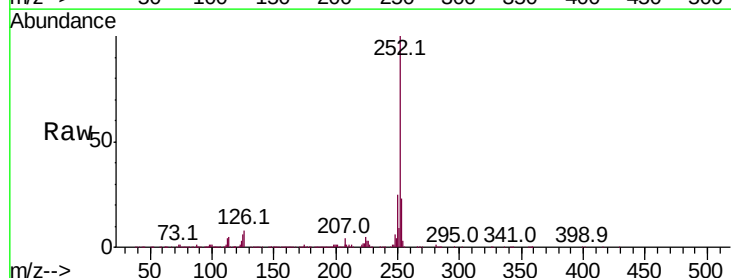
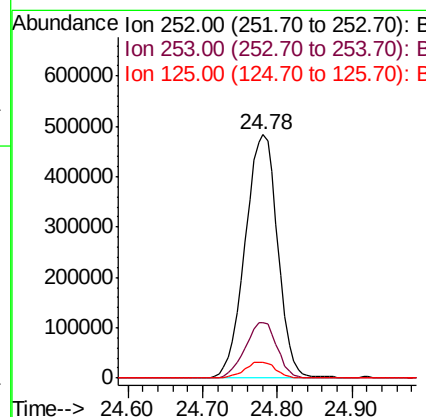
RT: 24.78 min Scan# 3692

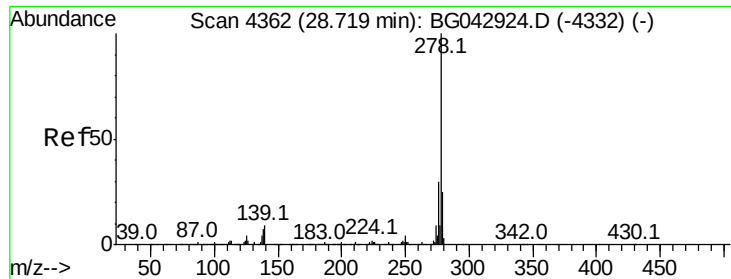
Delta R.T. -0.03 min

Lab File: BG042977.D

Acq: 1 Oct 2019 21:34

Tgt Ion:	252	Resp:	1459062
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.3	5.0	7.6





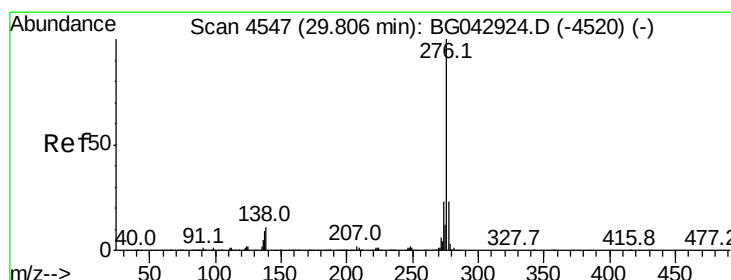
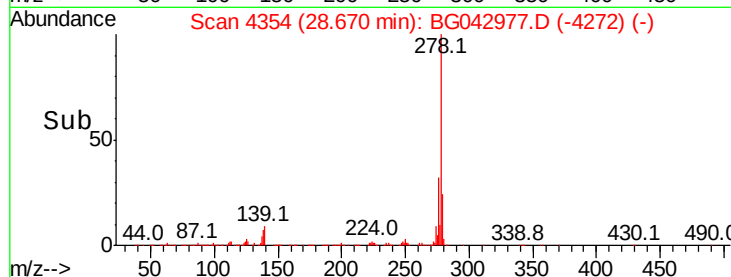
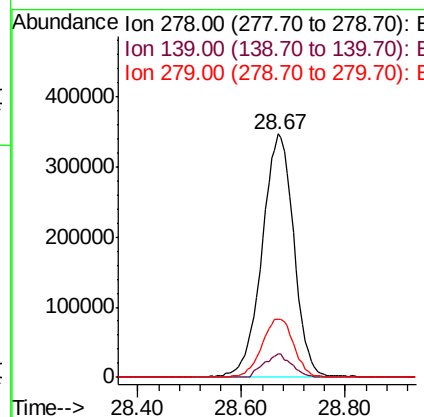
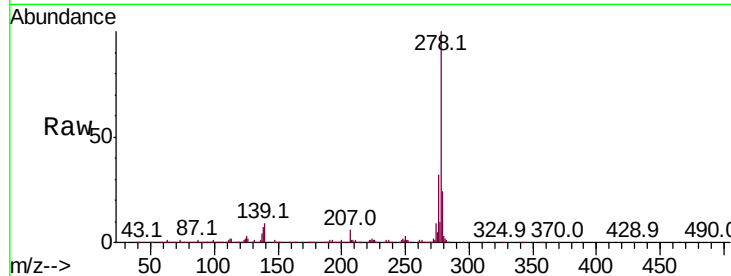
#91
 Dibenzo(a,h)anthracene
 Concen: 42.952 ng
 RT: 28.67 min Scan# 4354
 Delta R.T. -0.05 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.8	10.2
279	23.9	20.1	30.1

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:29 PM



#92
 Benzo(g,h,i)perylene
 Concen: 43.973 ng
 RT: 29.75 min Scan# 4538
 Delta R.T. -0.05 min
 Lab File: BG042977.D
 Acq: 1 Oct 2019 21:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	11.9	8.6	12.8

