

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041805.D
 Acq On : 30 Jul 2019 17:15
 Operator : HP/JU
 Sample : K3591-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:02 PM

Quant Time: Jul 31 08:59:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85167	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	372033	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	276748	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	640566	20.00	ng	0.00
76) Chrysene-d12	21.73	240	658366	20.00	ng	0.00
87) Perylene-d12	25.01	264	745522	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	433190	98.96	ng	0.00
7) Phenol-d6	7.19	99	594759	100.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	460018	85.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	346210	110.14	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1288563	82.12	ng	0.00
79) Terphenyl-d14	20.07	244	2113716	73.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	17200	8.348	ng	92
3) Pyridine	3.88	79	35202	6.231	ng	89
4) n-Nitrosodimethylamine	3.78	42	15286	6.825	ng	# 100
6) Aniline	7.36	93	62725	7.548	ng	97
8) 2-Chlorophenol	7.60	128	40294	8.039	ng	91
9) Benzaldehyde	7.17	77	36683	8.834	ng	93
10) Phenol	7.22	94	49406	8.047	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	39548	7.835	ng	95
12) 1,3-Dichlorobenzene	7.93	146	48078	7.349	ng	99
13) 1,4-Dichlorobenzene	8.08	146	49768	7.603	ng	97
14) 1,2-Dichlorobenzene	8.40	146	46795	7.492	ng	97
15) Benzyl Alcohol	8.28	79	35278	7.598	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	67028	7.464	ng	98
17) 2-Methylphenol	8.48	107	34728	7.778	ng	98
18) Hexachloroethane	9.14	117	16044	7.157	ng	# 81
19) n-Nitroso-di-n-propylamine	8.85	70	33575	7.836	ng	92
20) 3+4-Methylphenols	8.81	107	46037	7.535	ng	98
22) Acetophenone	8.87	105	64333	7.731	ng	# 93
24) Nitrobenzene	9.25	77	48652	8.542	ng	97
25) Isophorone	9.78	82	89745	7.631	ng	95
26) 2-Nitrophenol	9.97	139	22006	8.325	ng	93
27) 2,4-Dimethylphenol	10.02	122	39715	8.513	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	56115	7.636	ng	95
29) 2,4-Dichlorophenol	10.51	162	45122	7.942	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	55291	7.675	ng	98
31) Naphthalene	10.92	128	137610	8.082	ng	96
32) Benzoic acid	10.12	122	6676	2.320	ng	# 68
33) 4-Chloroaniline	11.02	127	60472	7.489	ng	94
34) Hexachlorobutadiene	11.22	225	36017	7.407	ng	92
35) Caprolactam	11.76	113	16322	8.267	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	44356	7.875	ng	92
37) 2-Methylnaphthalene	12.53	142	112741	8.365	ng	99
38) 1-Methylnaphthalene	12.74	142	106341m	8.326	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	72025	8.222	ng	# 95

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041805.D
 Acq On : 30 Jul 2019 17:15
 Operator : HP/JU
 Sample : K3591-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:02 PM

Quant Time: Jul 31 08:59:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	34906	7.087	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	40517	7.318	nq	100
44) 2,4,5-Trichlorophenol	13.20	196	47131	8.191	nq	# 95
46) 1,1'-Biphenyl	13.53	154	146999	8.263	nq	96
47) 2-Chloronaphthalene	13.57	162	118795	7.843	nq	94
48) 2-Nitroaniline	13.77	65	29194	7.600	nq	86
49) Acenaphthylene	14.42	152	193395	8.536	nq	94
50) Dimethylphthalate	14.15	163	157422	8.329	nq	96
51) 2,6-Dinitrotoluene	14.26	165	34806	8.807	nq	# 88
52) Acenaphthene	14.77	154	114987	7.803	nq	96
53) 3-Nitroaniline	14.59	138	32062	7.583	nq	93
54) 2,4-Dinitrophenol	14.80	184	7459	3.952	nq	92
55) Dibenzofuran	15.10	168	198779	8.819	nq	92
56) 4-Nitrophenol	14.89	139	23089	7.194	nq	93
57) 2,4-Dinitrotoluene	15.05	165	43823	8.063	nq	99
58) Fluorene	15.75	166	157698	8.718	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	43643	7.658	nq	96
60) Diethylphthalate	15.51	149	157618	8.494	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	89054	8.065	nq	97
62) 4-Nitroaniline	15.75	138	38356	8.375	nq	98
63) Azobenzene	16.03	77	127074	8.383	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	19453	6.924	nq	86
66) n-Nitrosodiphenylamine	15.95	169	141740	8.123	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	59700	7.566	nq	92
68) Hexachlorobenzene	16.76	284	61082	7.400	nq	95
69) Atrazine	16.90	200	54318	7.923	nq	99
70) Pentachlorophenol	17.10	266	26098	5.565	nq	93
71) Phenanthrene	17.49	178	268270	8.737	nq	92
72) Anthracene	17.59	178	273776	8.940	nq	92
73) Carbazole	17.85	167	240491	8.750	nq	93
74) Di-n-butylphthalate	18.42	149	272084	8.732	nq	# 92
75) Fluoranthene	19.50	202	343909	9.215	nq	90
77) Benzidine	19.68	184	148669	6.918	nq	97
78) Pyrene	19.87	202	353034	9.050	nq	# 88
80) Butylbenzylphthalate	20.75	149	113076	7.561	nq	91
81) Benzo(a)anthracene	21.72	228	332815m	8.544	nq	
82) 3,3'-Dichlorobenzidine	21.63	252	128283	8.203	nq	96
83) Chrysene	21.78	228	320531	8.585	nq	89
84) Bis(2-ethylhexyl)phthalate	21.63	149	167799	8.134	nq	96
85) Di-n-octyl phthalate	22.87	149	276324	7.959	nq	# 90
86) Indeno(1,2,3-cd)pyrene	28.74	276	373086	7.548	nq	# 89
88) Benzo(b)fluoranthene	23.97	252	338215	8.293	nq	# 95
89) Benzo(k)fluoranthene	24.04	252	331938	8.355	nq	# 92
90) Benzo(a)pyrene	24.85	252	327627	8.376	nq	# 94
91) Dibenzo(a,h)anthracene	28.81	278	309384	8.056	nq	# 95
92) Benzo(g,h,i)perylene	29.90	276	299500	7.805	nq	# 93

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



#1

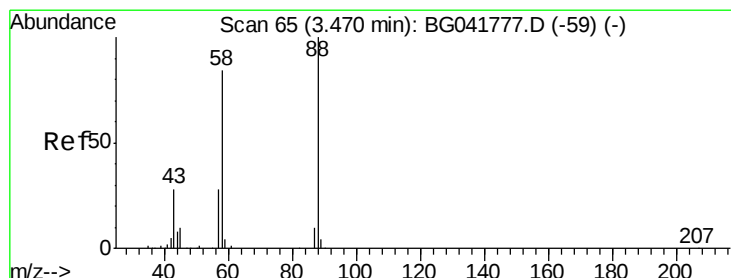
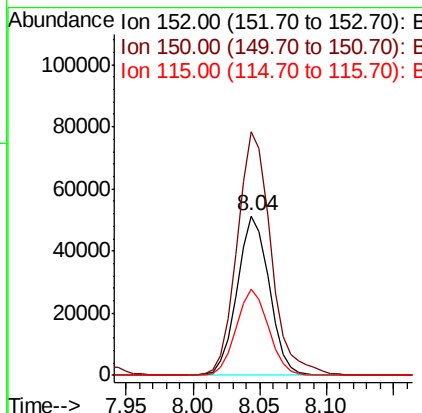
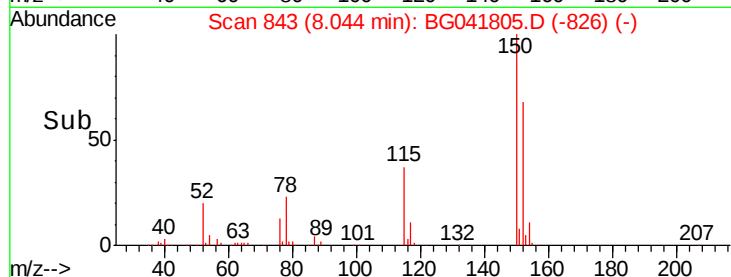
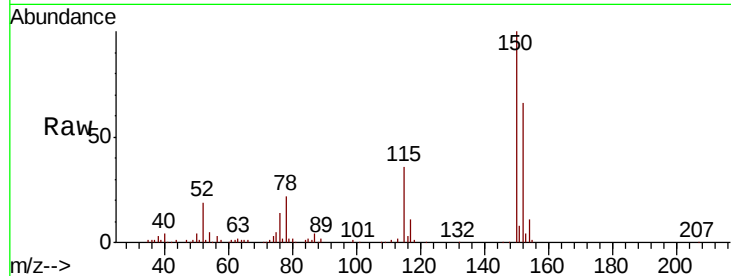
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.9	190.3
115	54.1	45.0	67.6

Manual Integrations
APPROVED

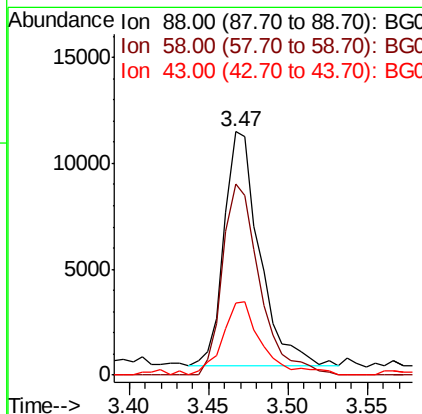
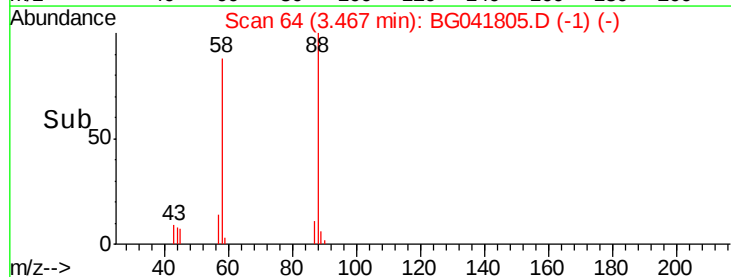
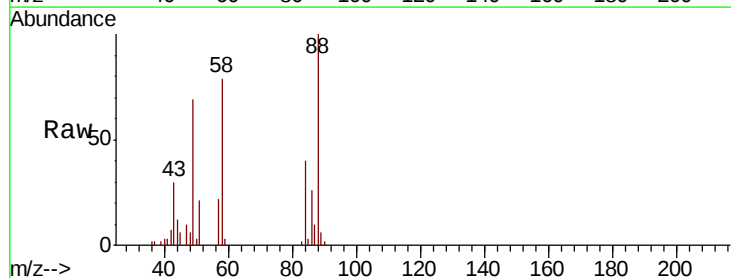
mohammad
8/1/2019 5:05:02 PM

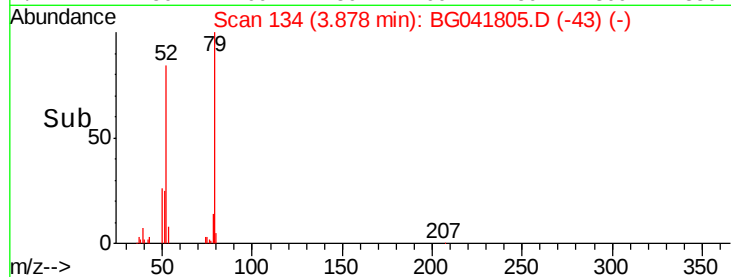
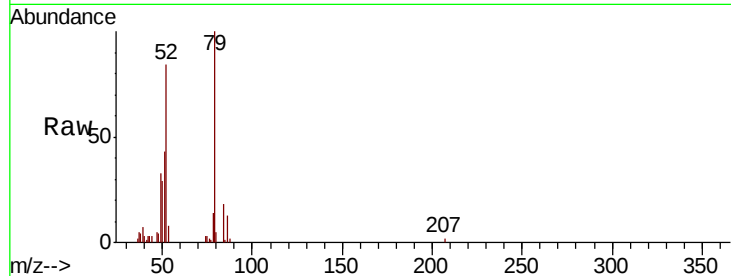


#2

1,4-Dioxane
Concen: 8.348 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	76.2	114.2
43	34.7	27.2	40.8





#3

Pvridine

Concen: 6.231 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tot Ion:	79	Resp:	35202
Ion	Ratio	Lower	Upper
79	100		
52	83.6	77.1	115.7
51	43.3	37.8	56.8

Instrument :

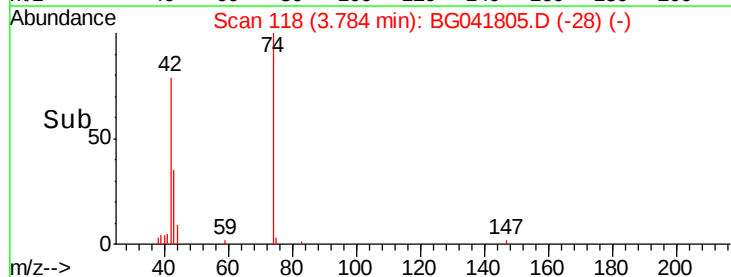
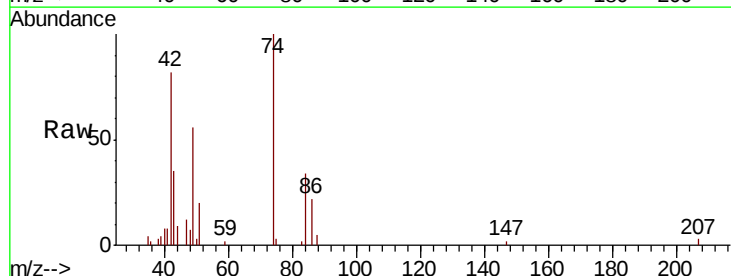
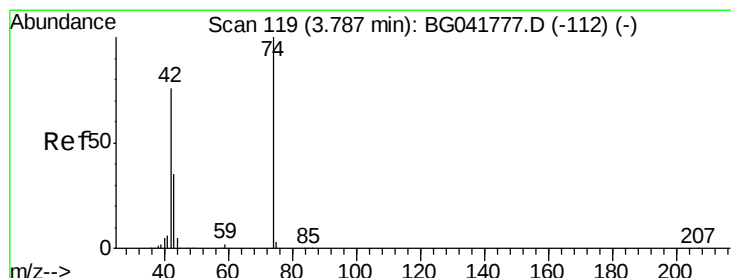
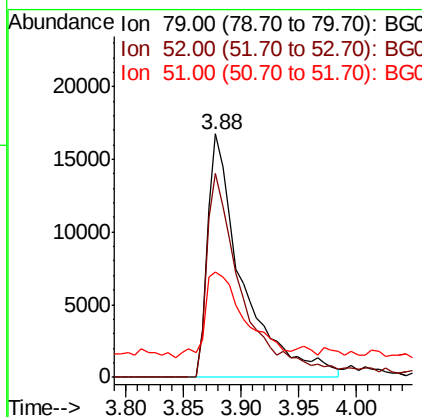
BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#4

n-Nitrosodimethylamine

Concen: 6.825 ng

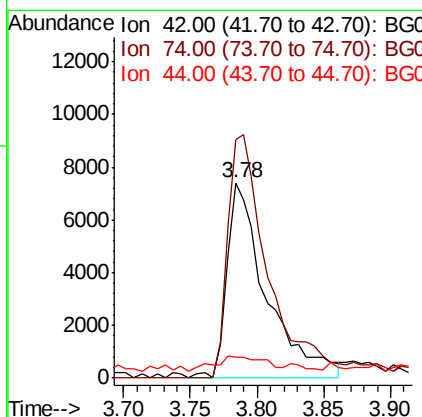
RT: 3.78 min Scan# 118

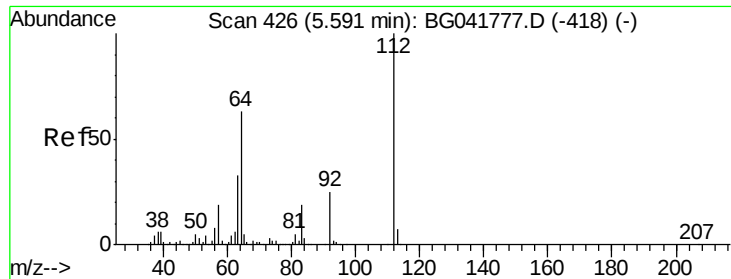
Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	42	Resp:	15286
Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.4	146.2
44	10.5	6.6	9.8#





#5

2-Fluorophenol

Concen: 98.961 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

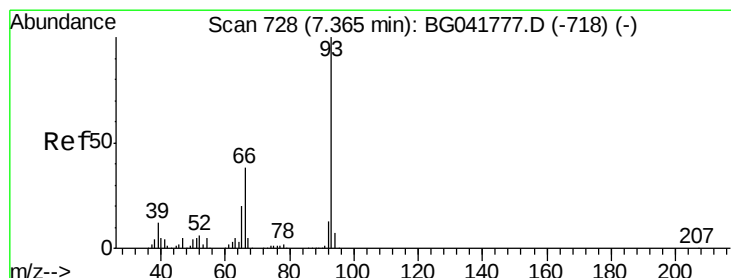
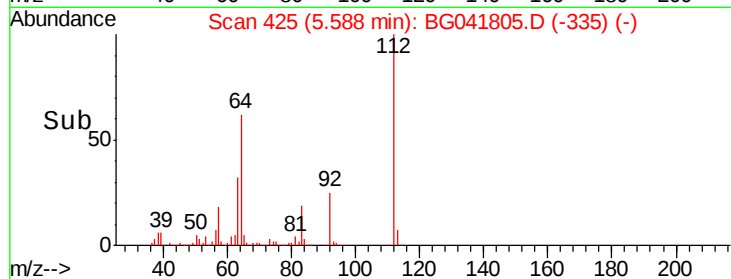
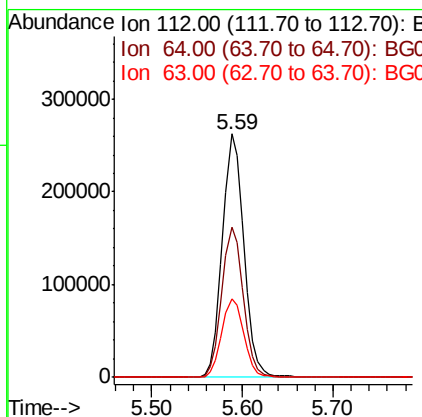
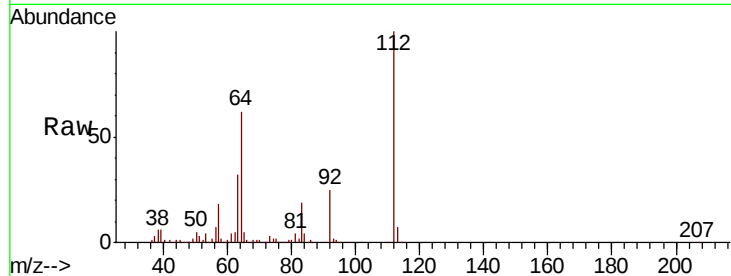
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	112	Resp:	433190
Ion Ratio	Lower	Upper	
112	100		
64	61.6	55.4	83.2
63	32.4	29.1	43.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#6

Aniline

Concen: 7.548 ng

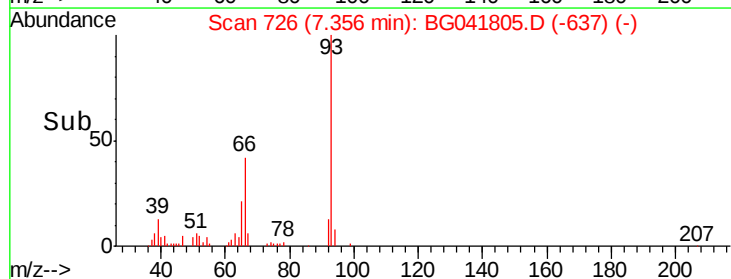
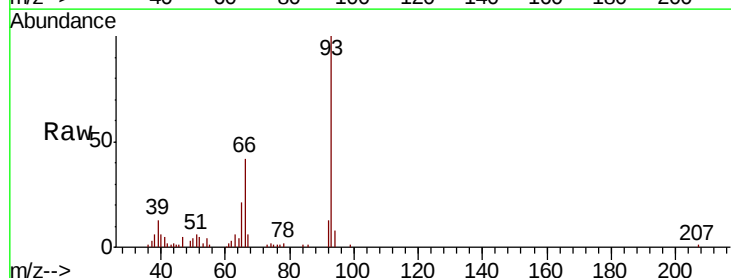
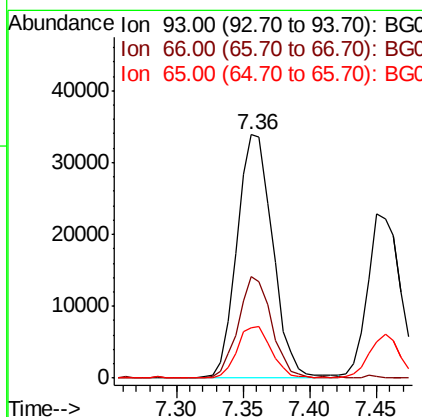
RT: 7.36 min Scan# 726

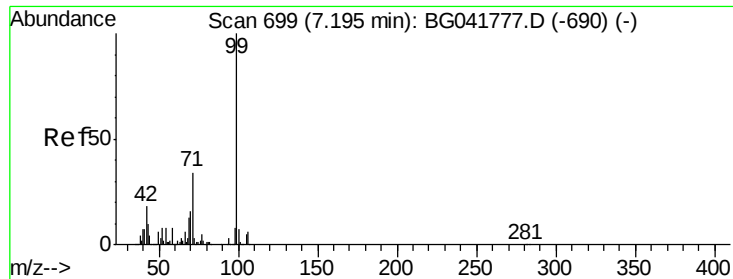
Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	93	Resp:	62725
Ion Ratio	Lower	Upper	
93	100		
66	41.6	34.2	51.2
65	20.6	18.2	27.2





#7

Phenol-d6

Concen: 100.783 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

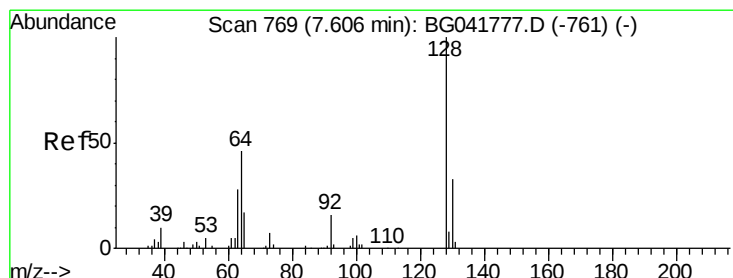
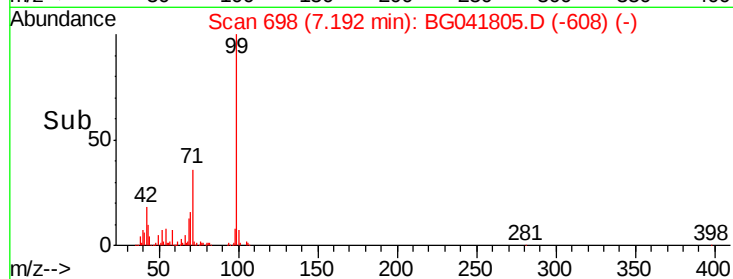
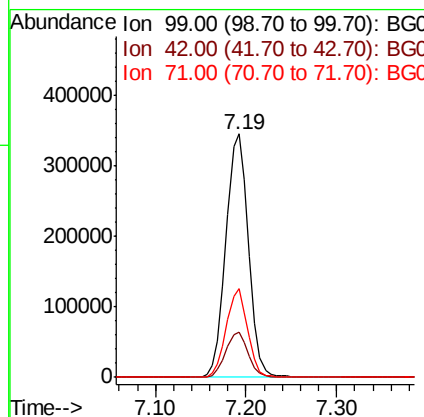
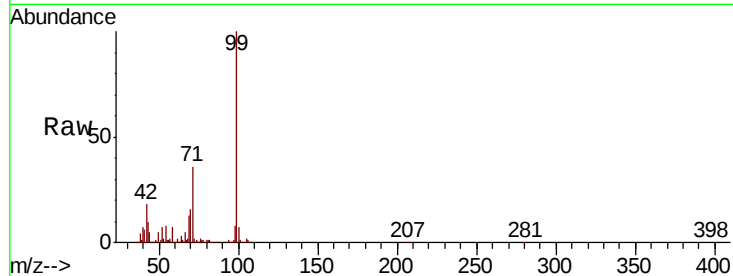
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	99	Resp:	594759
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.6	26.4
71	36.3	27.8	41.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#8

2-Chlorophenol

Concen: 8.039 ng

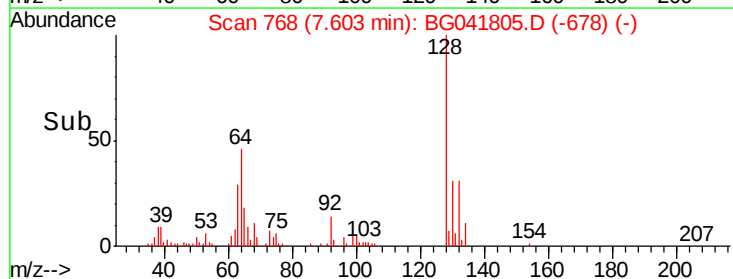
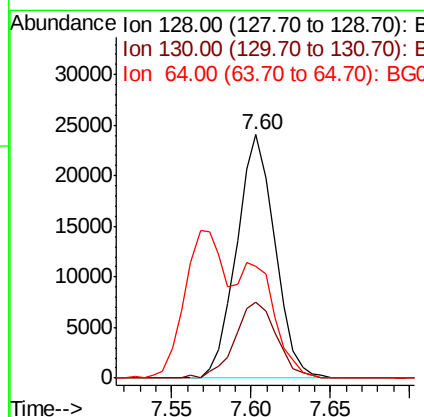
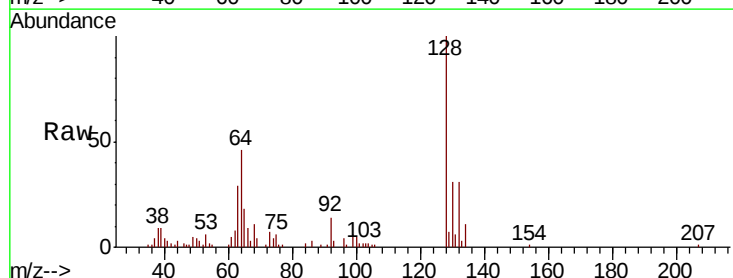
RT: 7.60 min Scan# 768

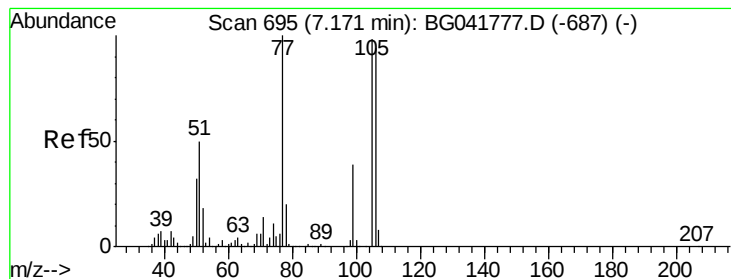
Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	128	Resp:	40294
Ion	Ratio	Lower	Upper
128	100		
130	31.0	12.4	52.4
64	46.1	34.9	74.9





#9

Benzaldehyde

Concen: 8.834 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

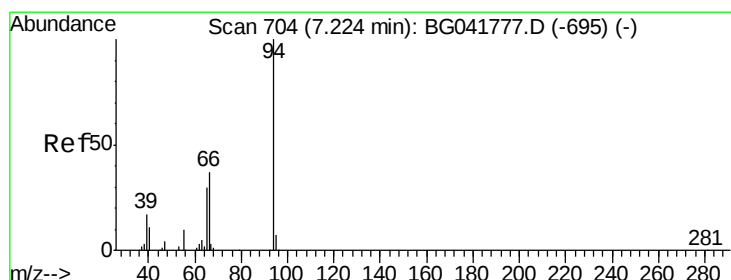
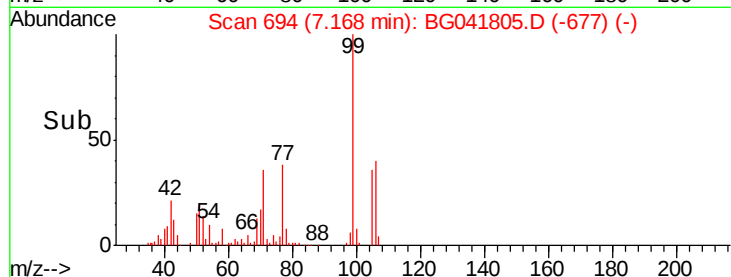
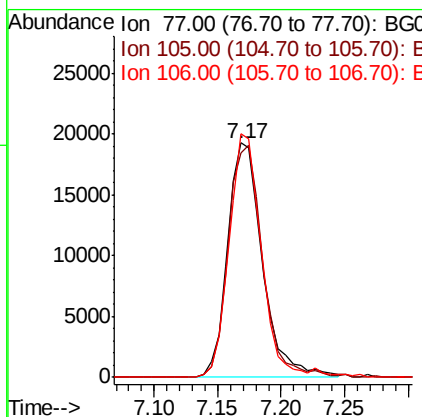
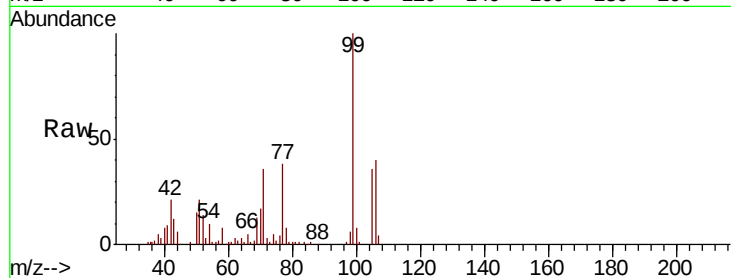
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	77	Resp:	36683
Ion	Ratio	Lower	Upper
77	100		
105	95.6	74.6	114.6
106	103.9	71.1	111.1

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#10

Phenol

Concen: 8.047 ng

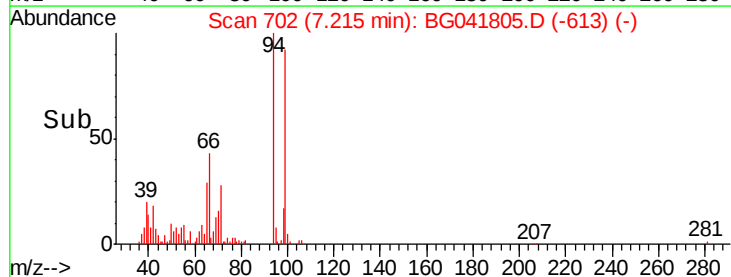
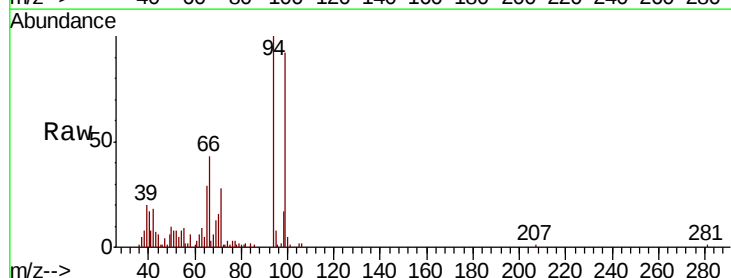
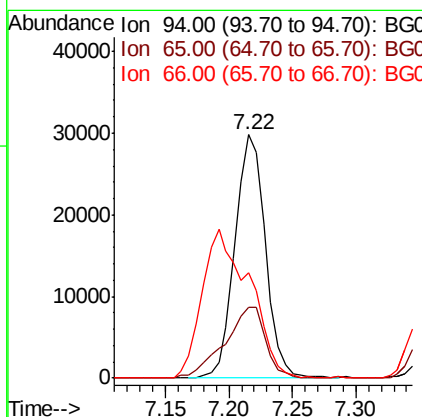
RT: 7.22 min Scan# 702

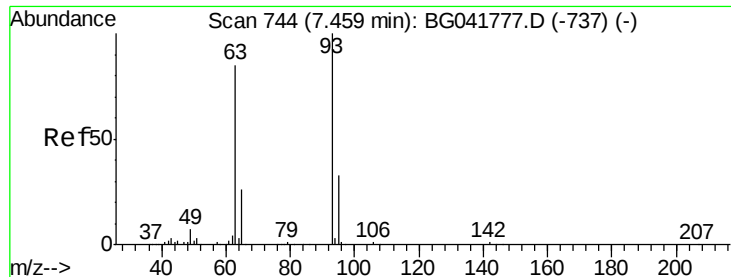
Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	94	Resp:	49406
Ion	Ratio	Lower	Upper
94	100		
65	29.2	10.6	50.6
66	43.4	18.2	58.2





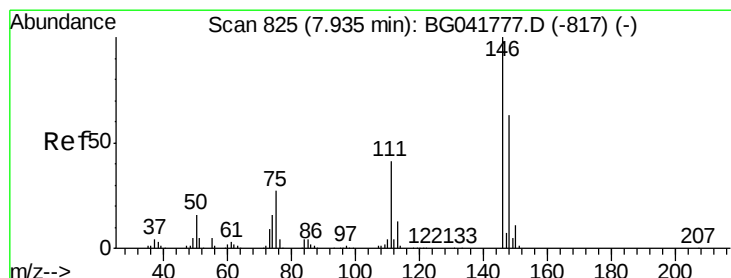
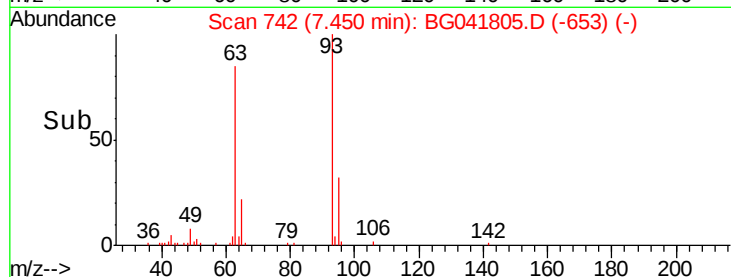
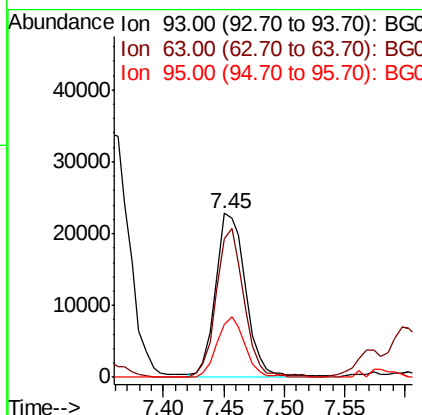
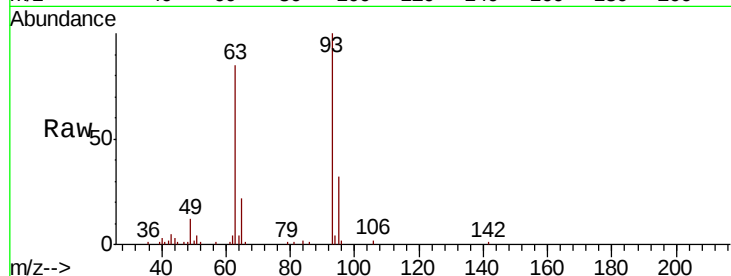
#11
bis(2-Chloroethyl)ether
Concen: 7.835 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	70.4	110.4
95	32.1	12.8	52.8

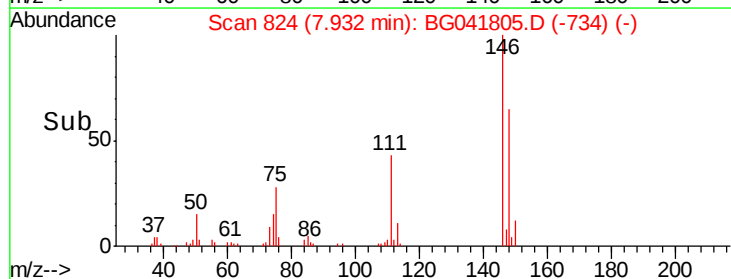
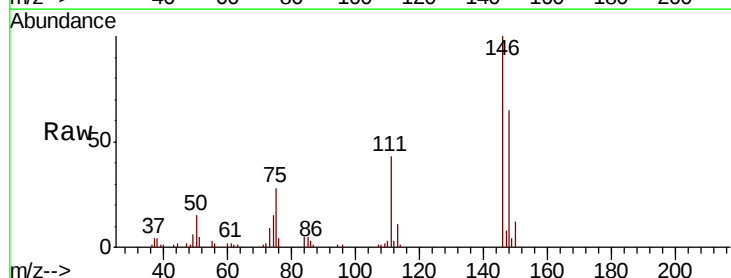
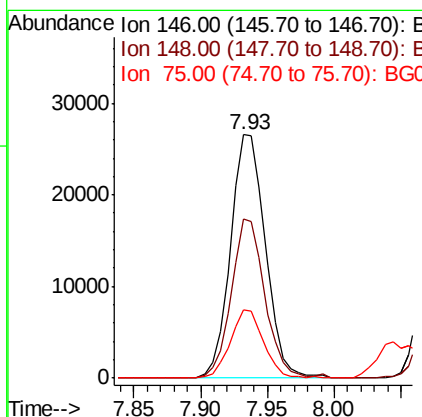
Manual Integrations
APPROVED

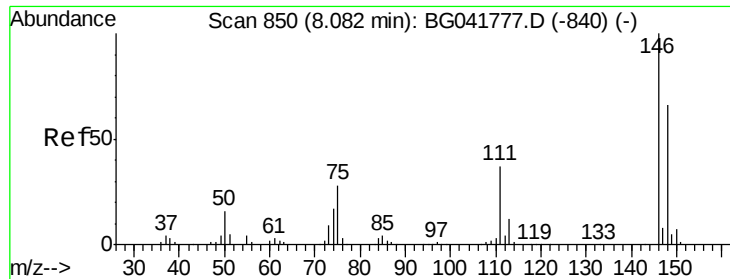
mohammad
8/1/2019 5:05:02 PM



#12
1,3-Dichlorobenzene
Concen: 7.349 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
75	27.9	23.2	34.8





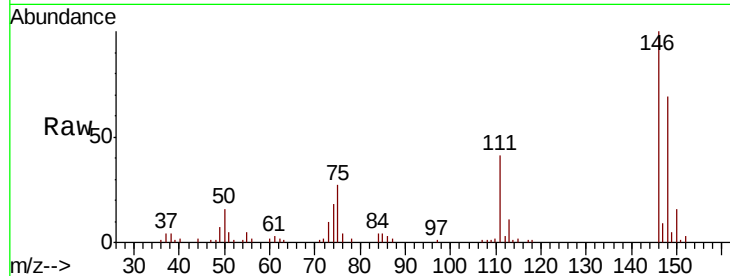
#13
1,4-Dichlorobenzene
Concen: 7.603 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.3	52.6	79.0
111	41.4	32.5	48.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

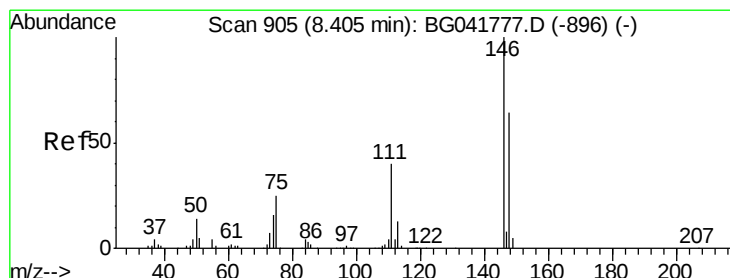
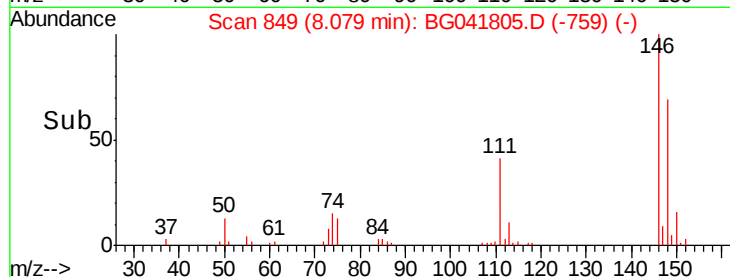
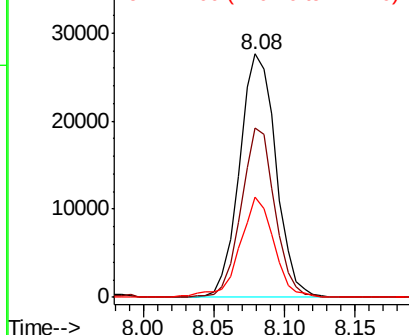


Abundance

Ion 146.00 (145.70 to 146.70): E

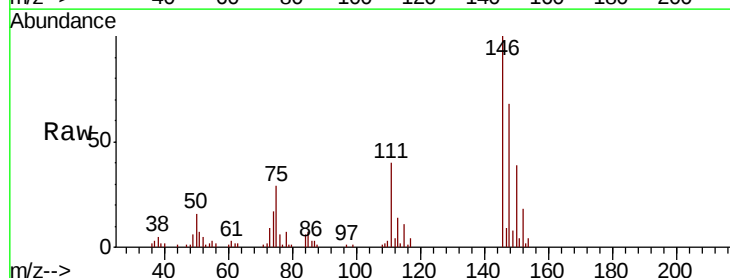
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 7.492 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	53.5	80.3
111	40.0	35.4	53.0

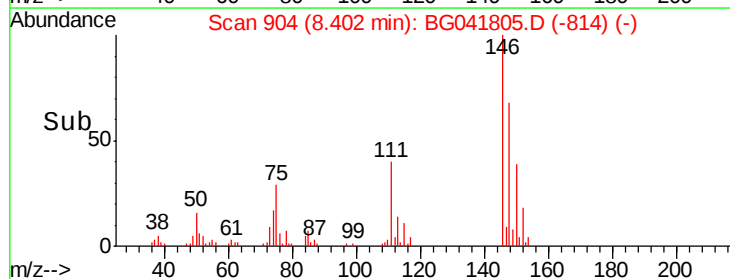
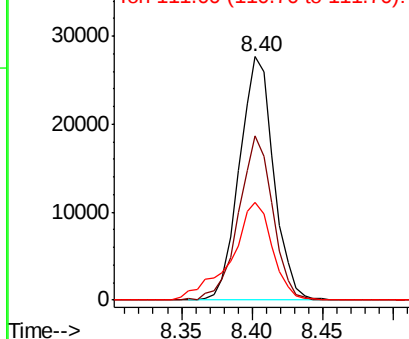


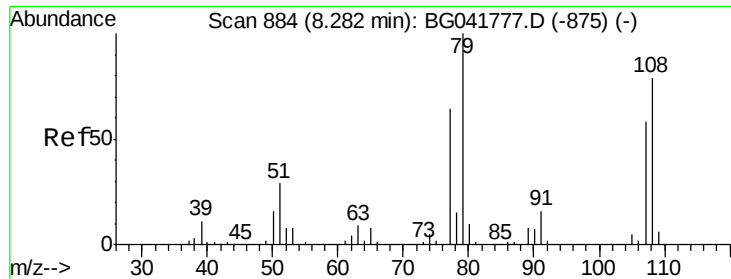
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.598 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

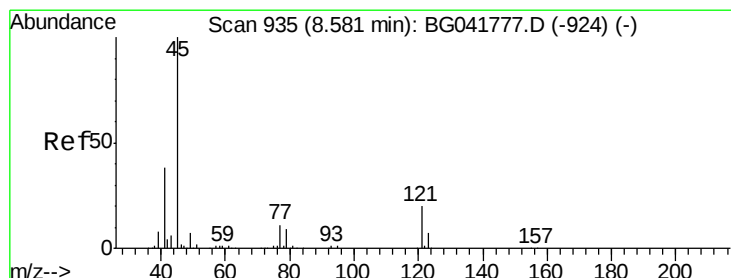
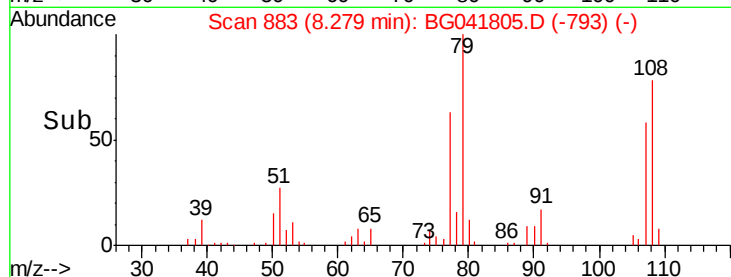
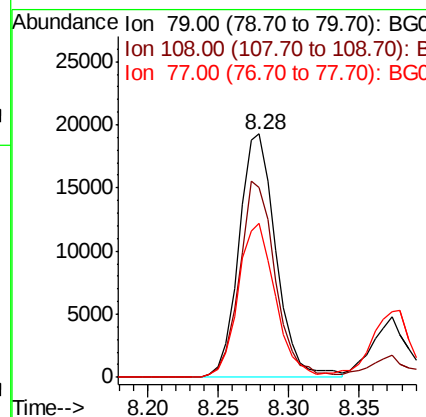
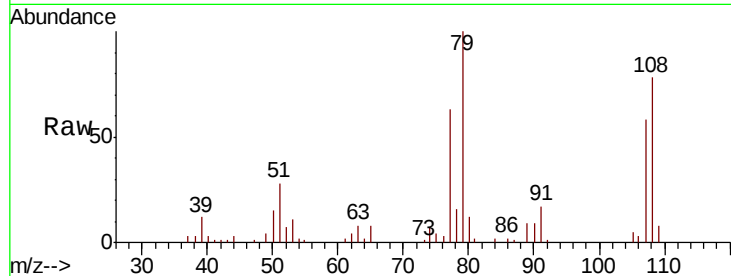
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	79	Resp:	35278
Ion Ratio	Lower	Upper	
79	100		
108	78.0	60.5	90.7
77	63.4	50.6	75.8

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.464 ng

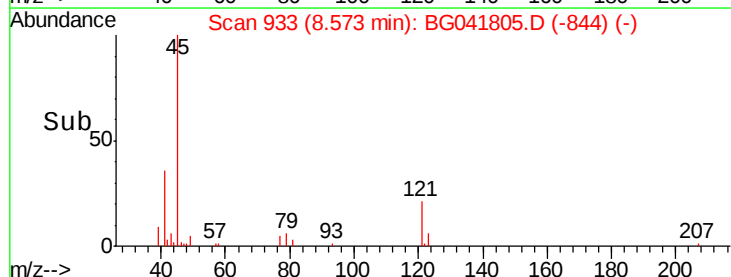
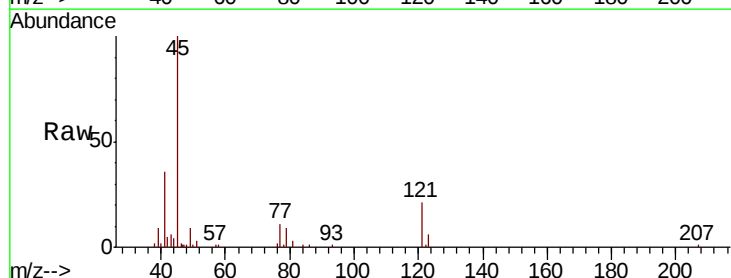
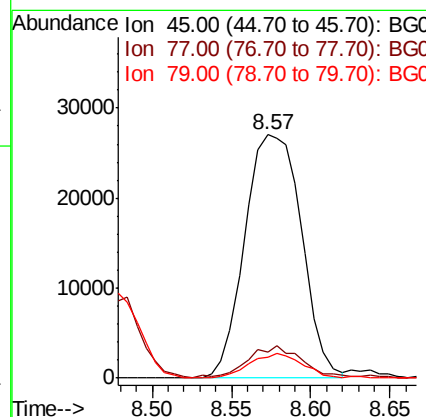
RT: 8.57 min Scan# 933

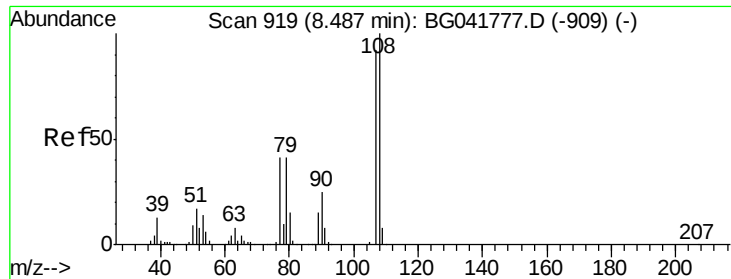
Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	45	Resp:	67028
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.4
79	8.7	0.0	27.9





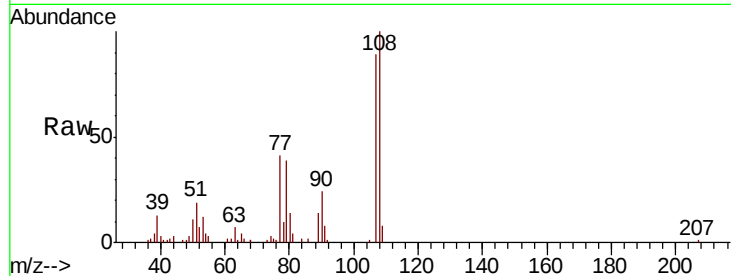
#17
2-Methylphenol
Concen: 7.778 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	107	Resp	34728
Ion Ratio	Lower	Upper	
107	100		
108	111.8	87.6	131.4
77	45.8	36.1	54.1
79	43.3	36.4	54.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



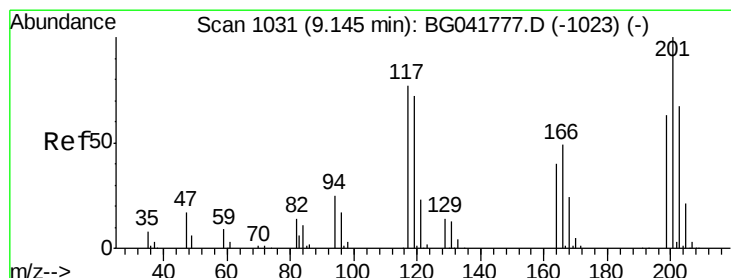
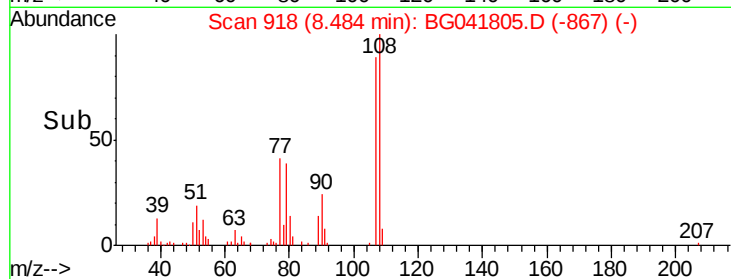
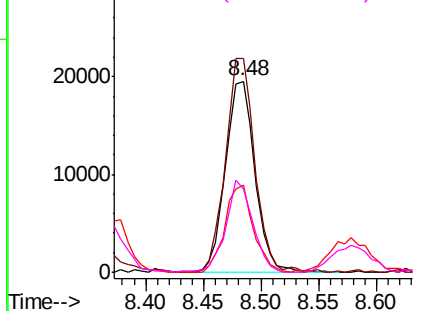
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

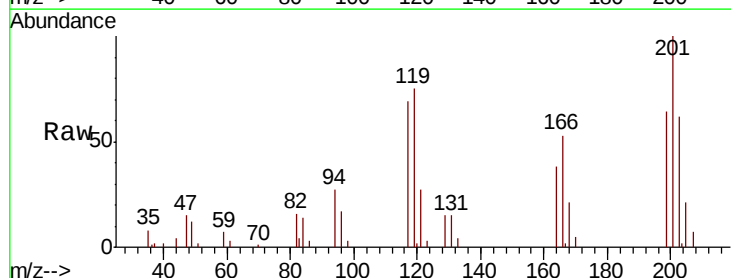
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 7.157 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	117	Resp	16044
Ion Ratio	Lower	Upper	
117	100		
119	107.3	76.2	114.2
201	143.9	94.1	141.1#

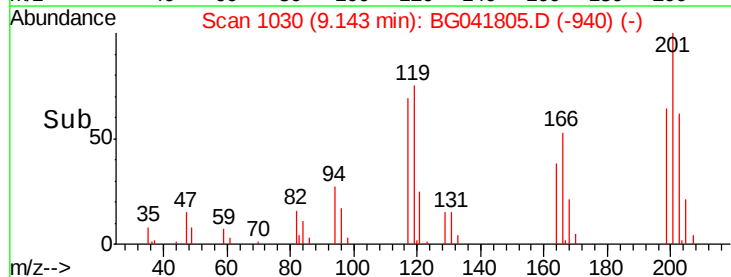
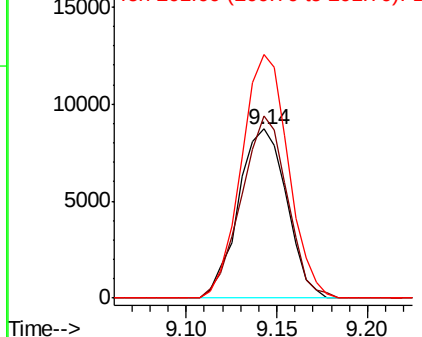


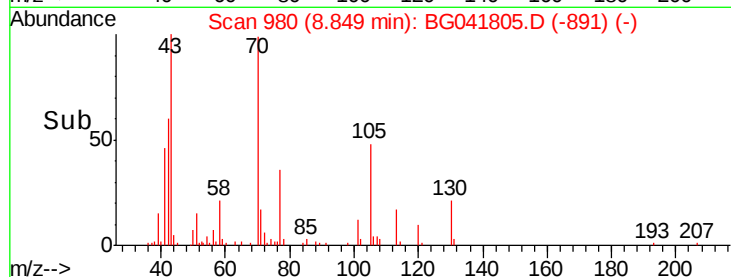
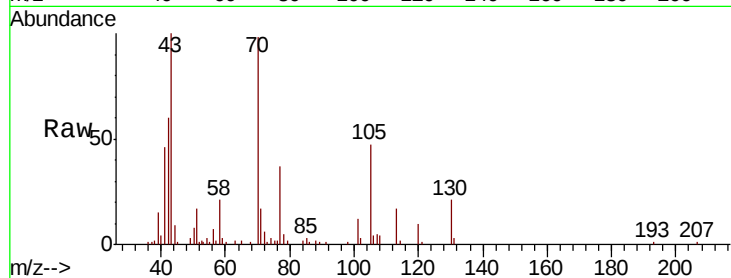
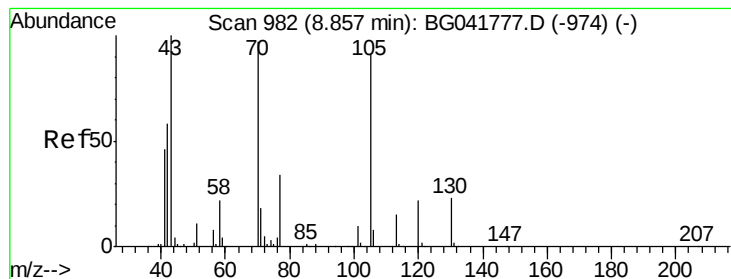
Abundance

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: 7.836 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.2	55.8	83.6	
101	11.9	8.1	12.1	
130	21.4	17.3	25.9	

Instrument :

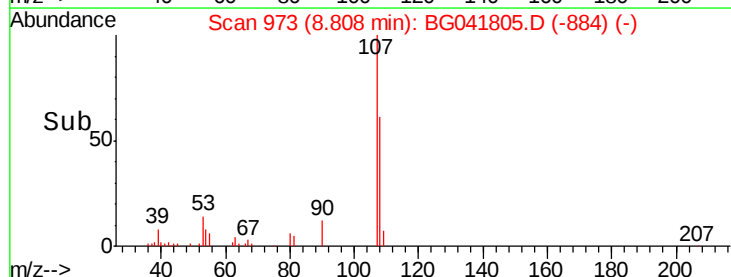
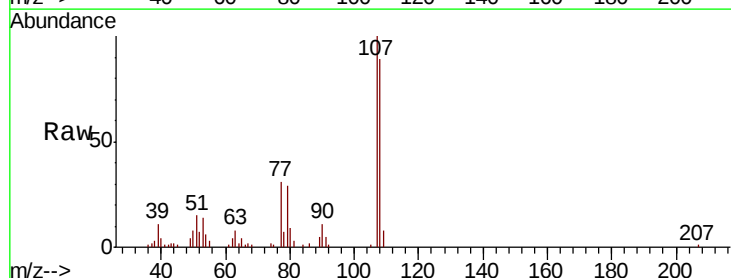
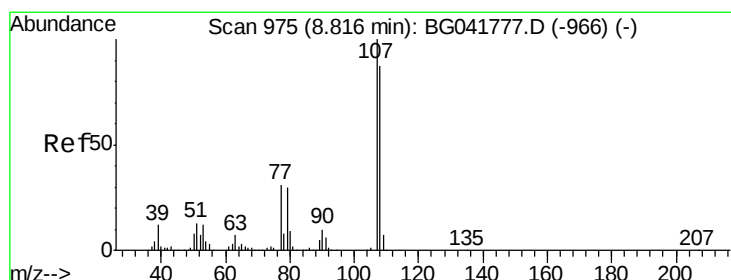
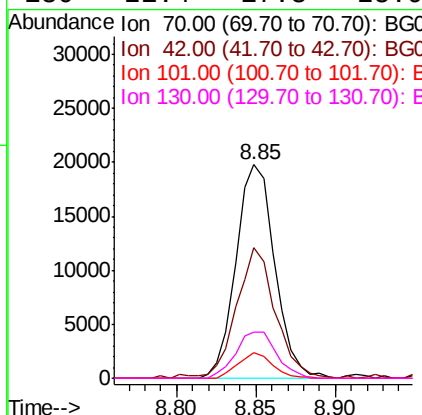
BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#20

3+4-Methylphenols

Concen: 7.535 ng

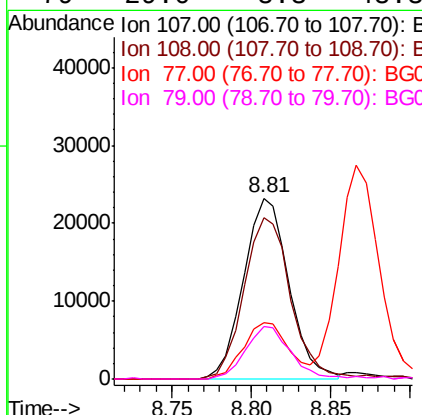
RT: 8.81 min Scan# 973

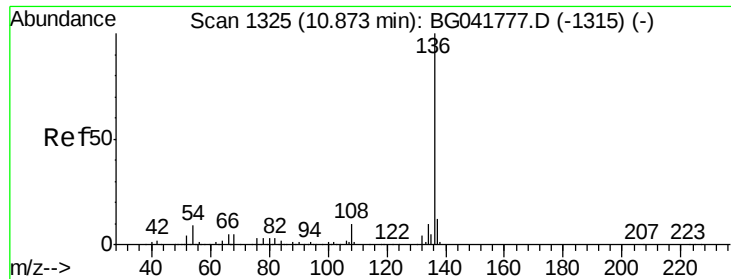
Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	67.5	107.5	
77	31.0	12.3	52.3	
79	29.0	8.3	48.3	





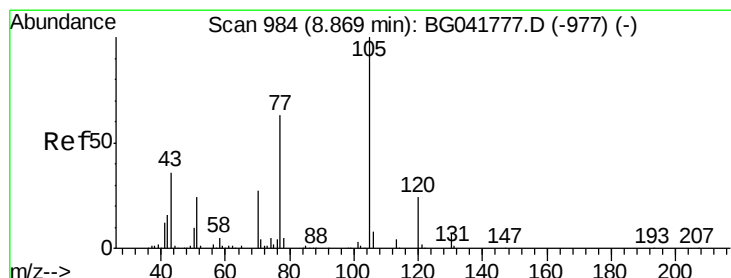
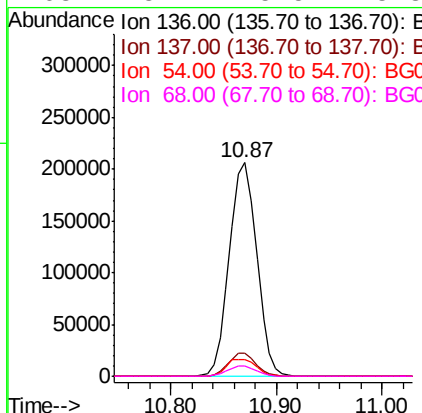
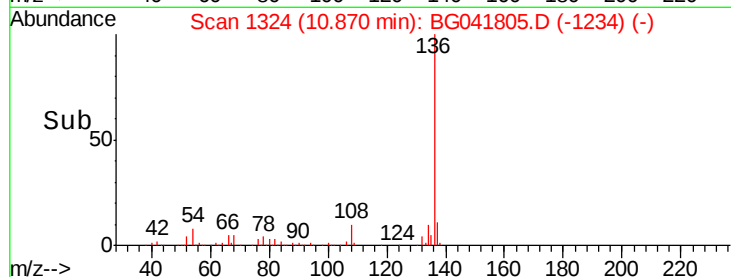
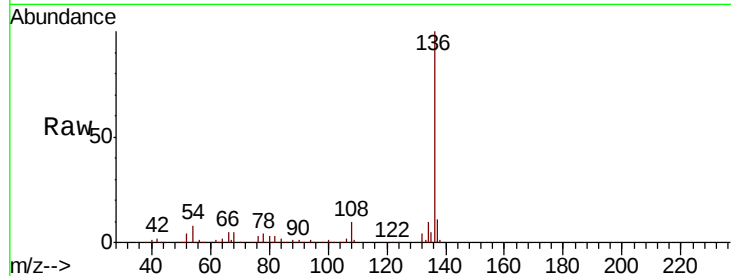
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	372033		
137	10.9	9.2	13.8	
54	7.7	8.7	13.1	
68	5.1	5.5	8.3	

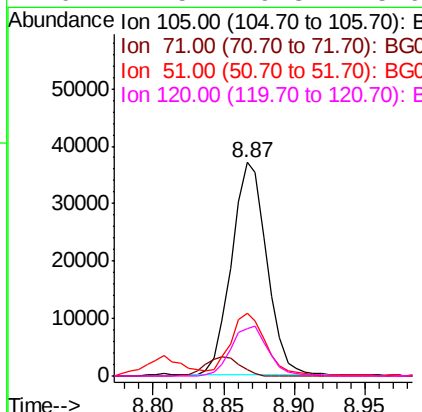
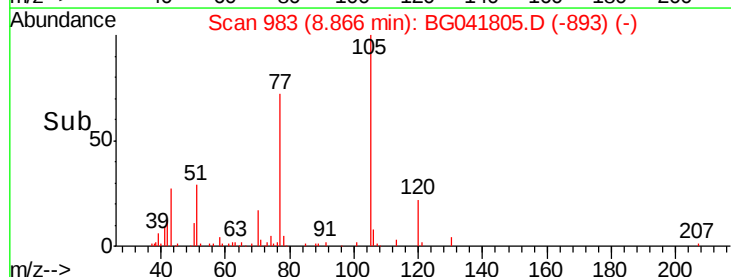
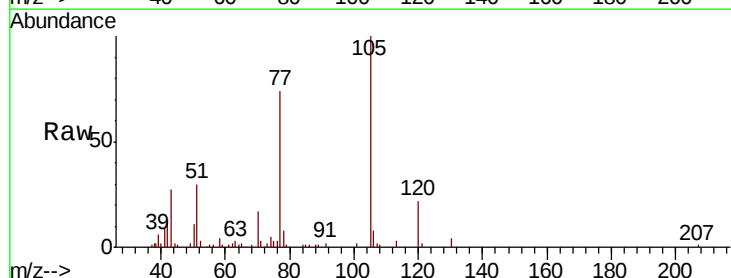
Manual Integrations
APPROVED

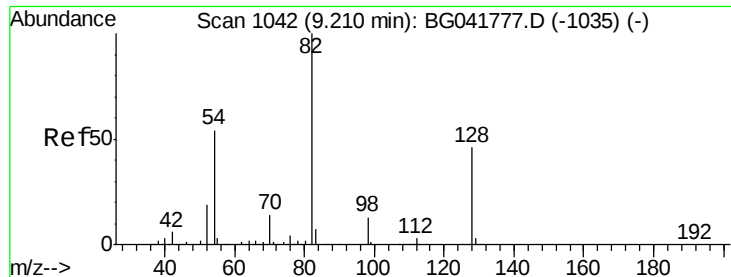
mohammad
8/1/2019 5:05:02 PM



#22
Acetophenone
Concen: 7.731 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64333		
71	3.0	5.9	8.9	
51	29.6	27.7	41.5	
120	22.5	19.3	28.9	





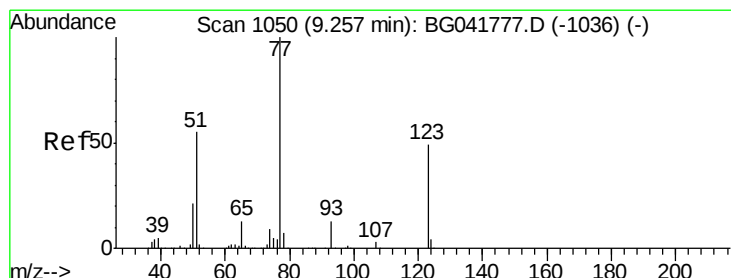
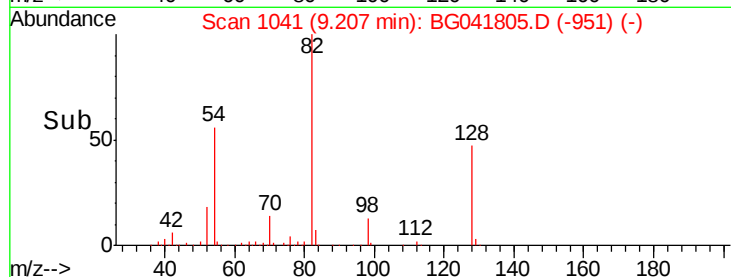
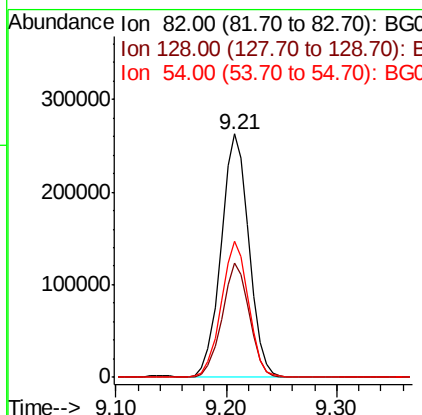
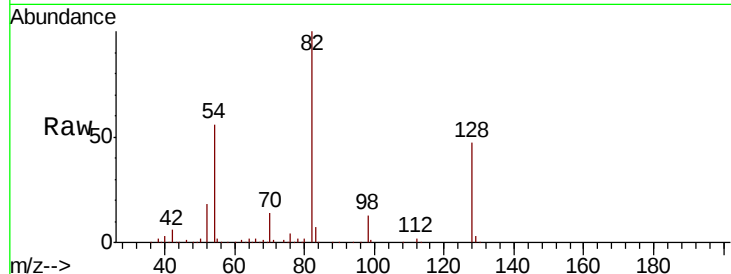
#23
 Nitrobenzene-d5
 Concen: 85.091 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	35.1	52.7	
54	55.8	48.7	73.1	

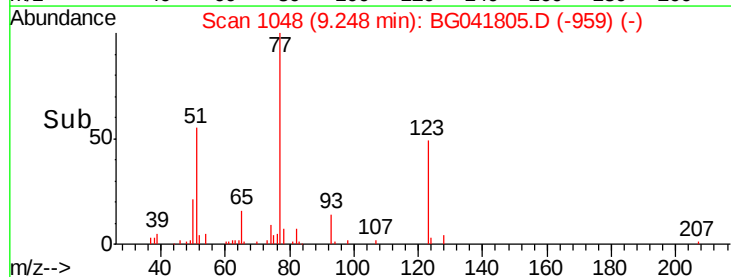
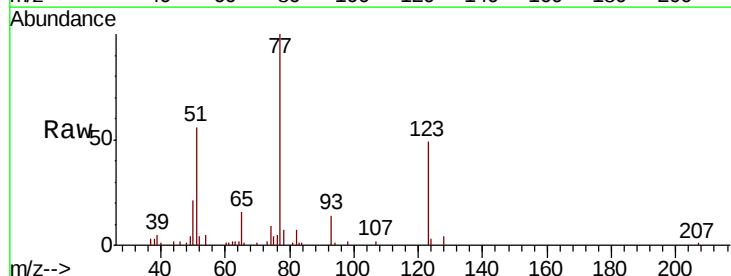
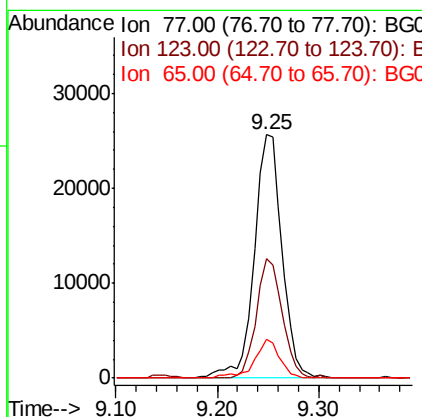
Manual Integrations
 APPROVED

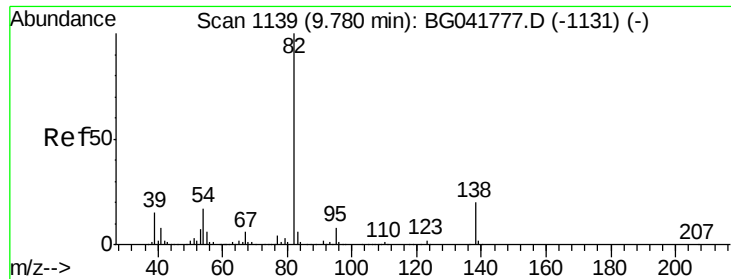
mohammad
 8/1/2019 5:05:02 PM



#24
 Nitrobenzene
 Concen: 8.542 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.0	38.1	57.1	
65	16.0	11.0	16.6	





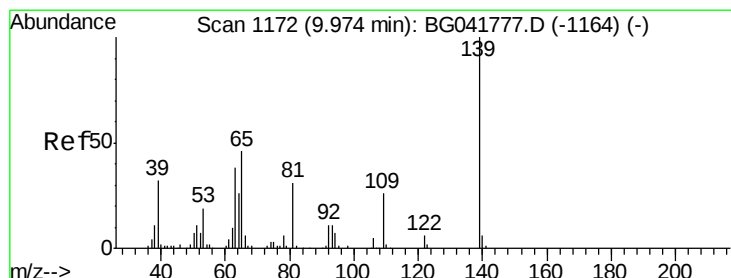
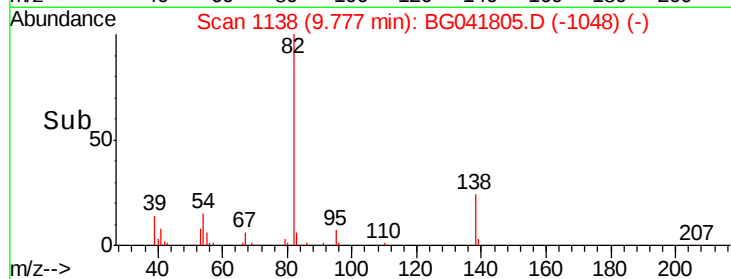
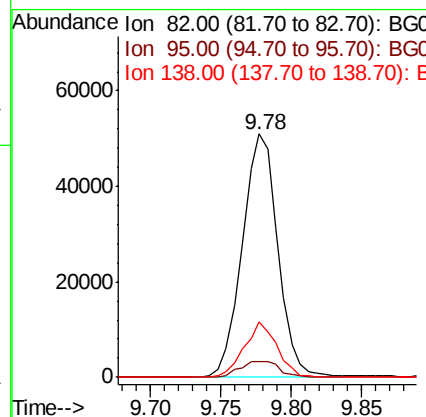
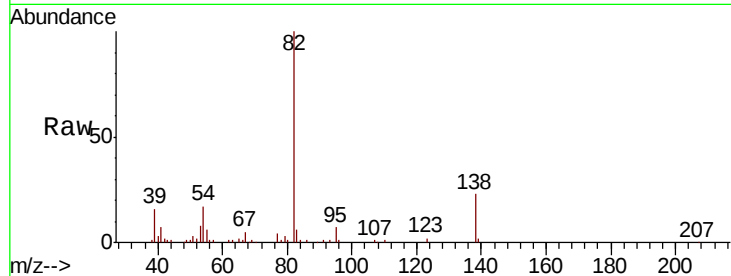
#25
Isophorone
Concen: 7.631 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.9	8.9	
138	22.9	16.3	24.5	

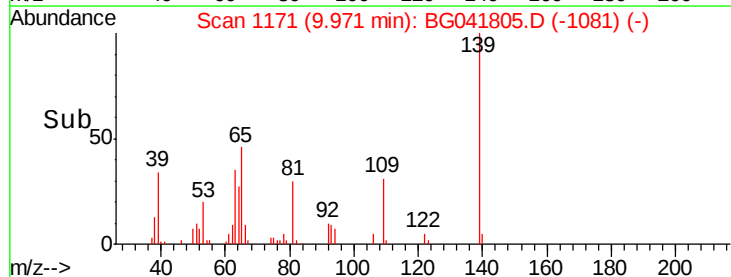
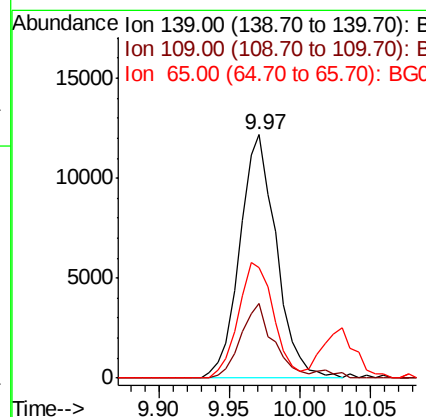
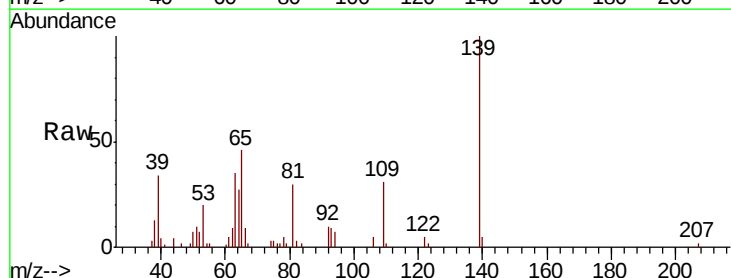
Manual Integrations
APPROVED

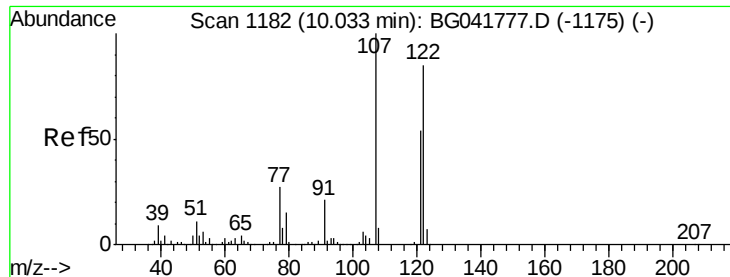
mohammad
8/1/2019 5:05:02 PM



#26
2-Nitrophenol
Concen: 8.325 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.7	22.7	34.1	
65	45.5	41.1	61.7	





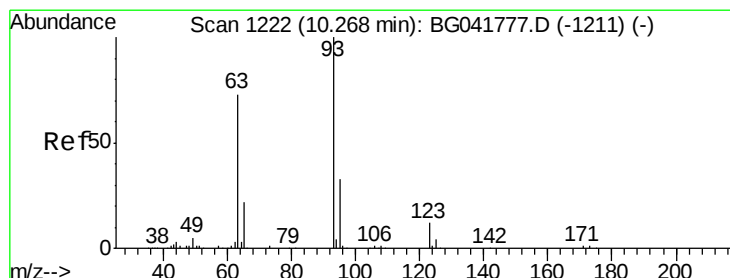
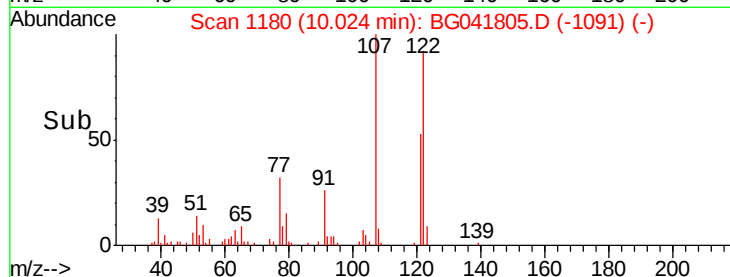
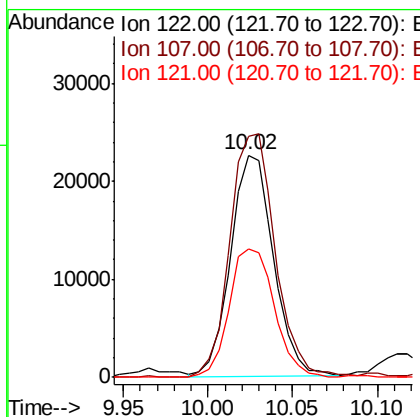
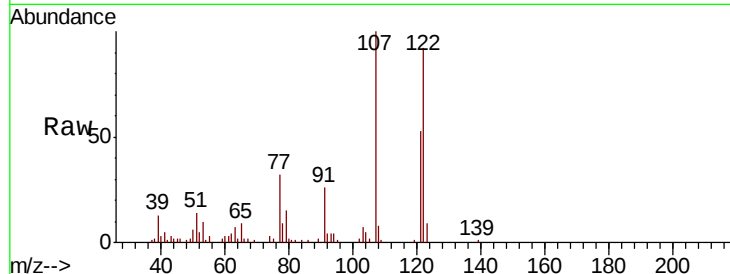
#27
2,4-Dimethylphenol
Concen: 8.513 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	91.3	136.9
121	57.8	49.2	73.8

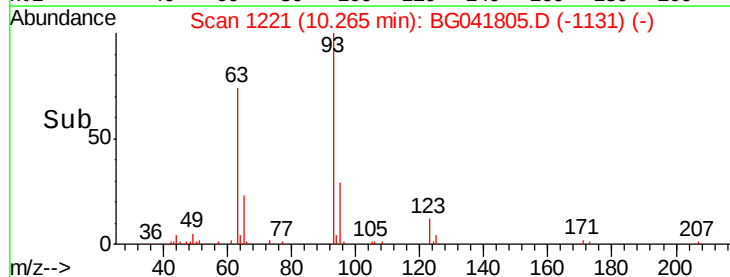
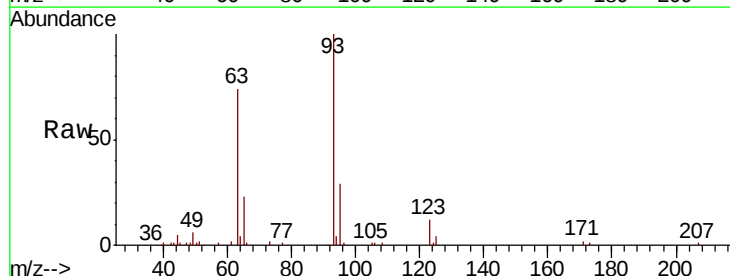
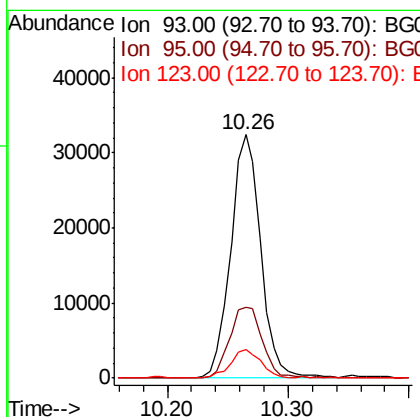
Manual Integrations
APPROVED

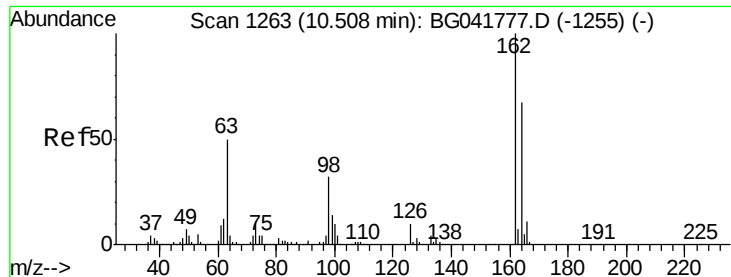
mohammad
8/1/2019 5:05:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.636 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	26.2	39.4
123	11.8	9.9	14.9





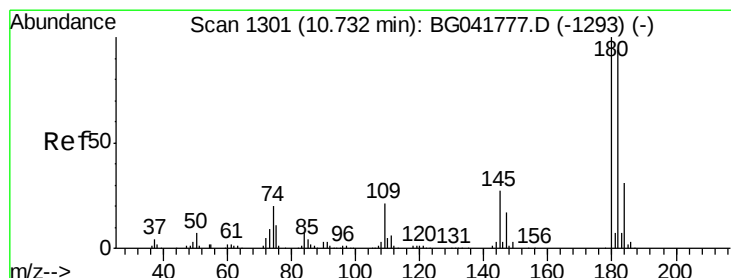
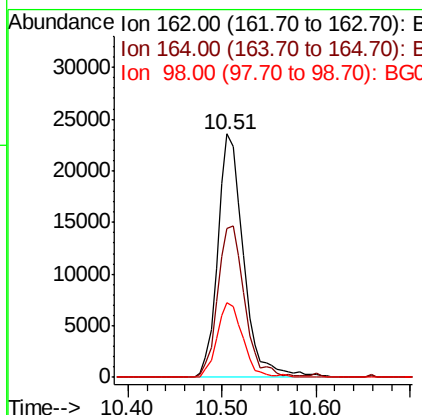
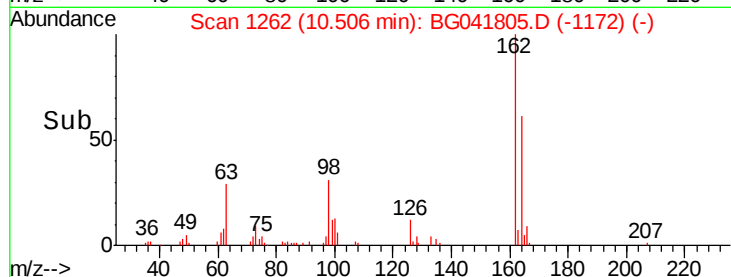
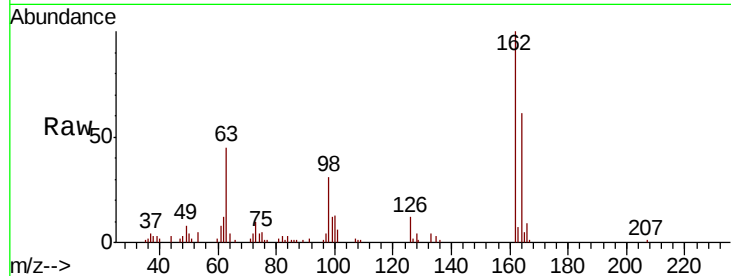
#29
2,4-Dichlorophenol
Concen: 7.942 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	46.1	86.1
98	30.7	14.7	54.7

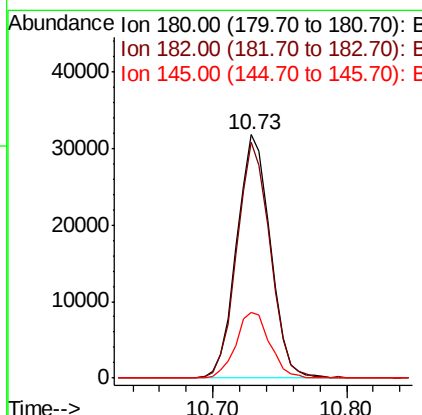
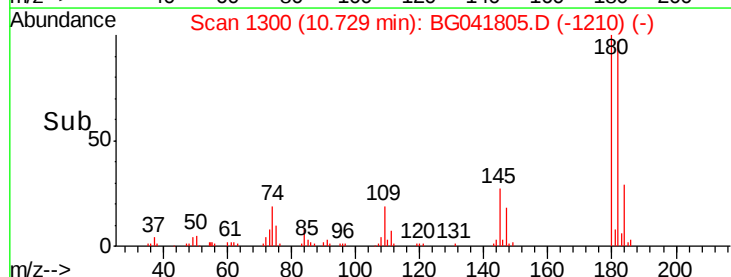
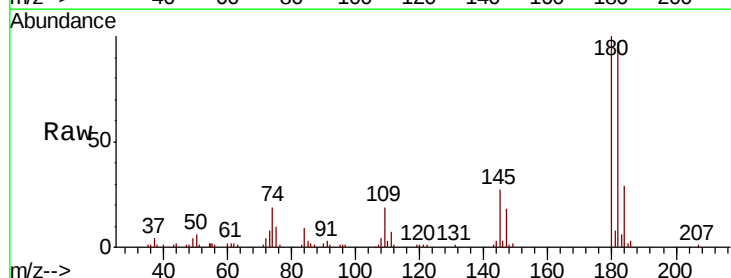
Manual Integrations
APPROVED

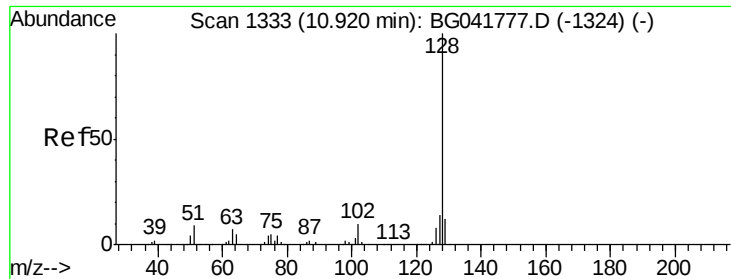
mohammad
8/1/2019 5:05:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 7.675 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	26.8	23.8	35.8





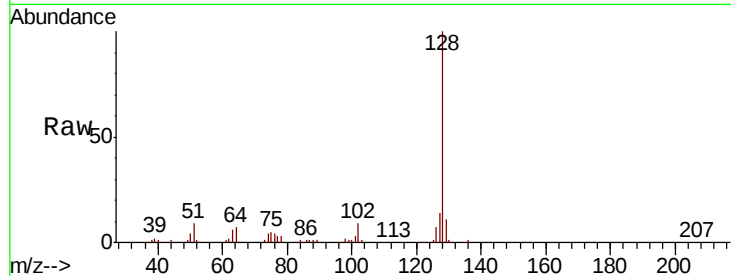
#31
Naphthalene
Concen: 8.082 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	13.6	12.3	18.5

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

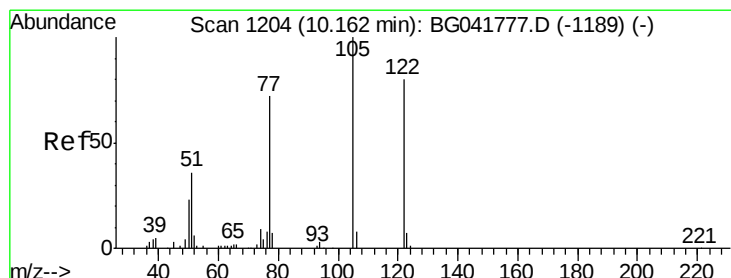
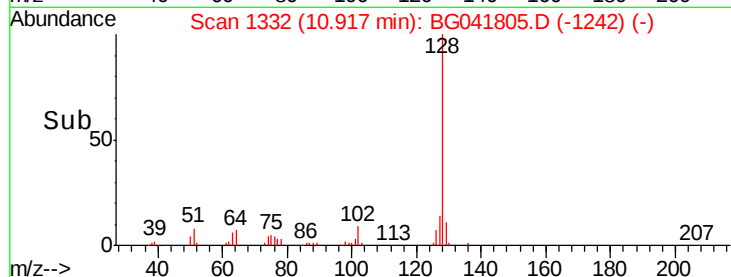
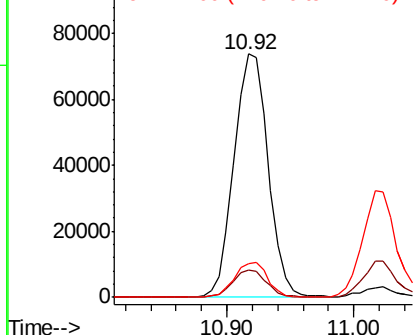


Abundance

Ion 128.00 (127.70 to 128.70): E

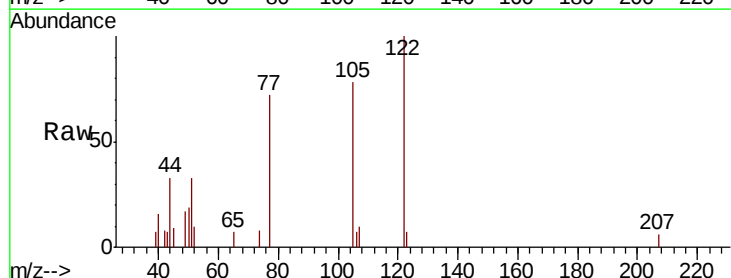
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.320 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	77.6	101.5	141.5#
77	72.3	73.0	113.0#

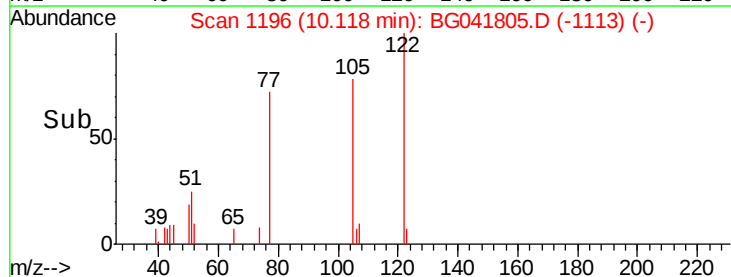
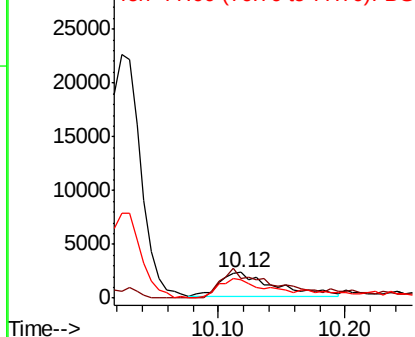


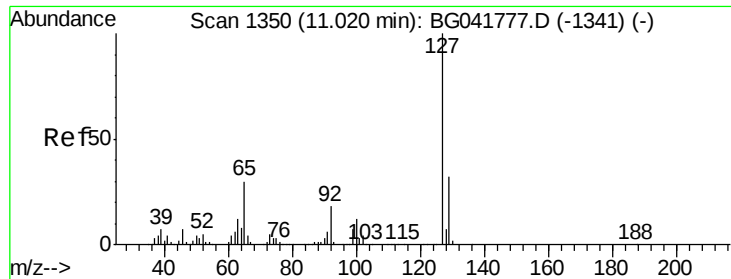
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





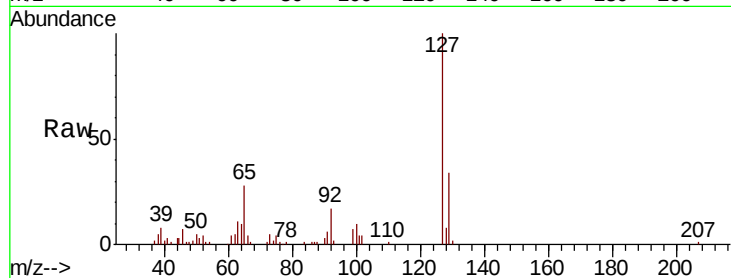
#33
4-Chloroaniline
Concen: 7.489 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

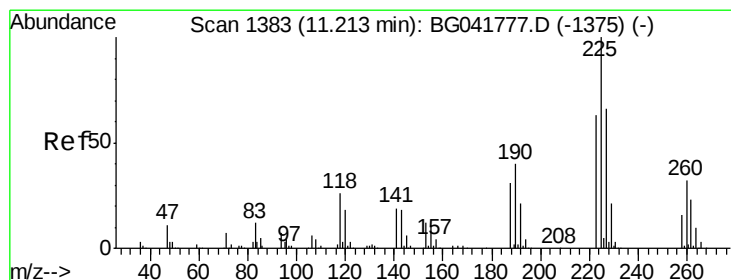
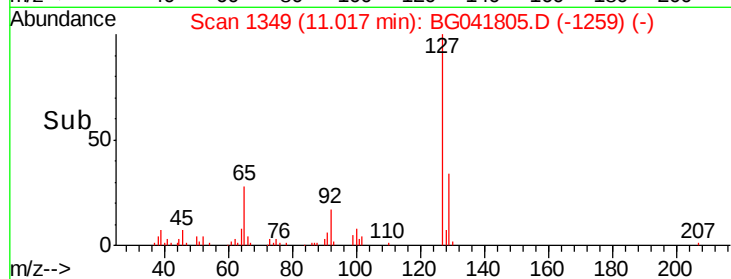
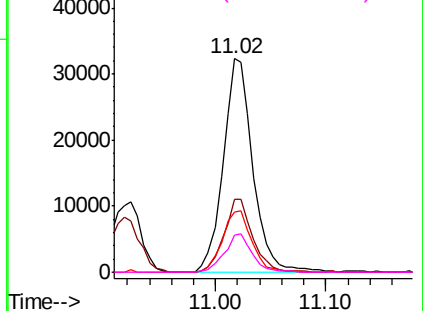
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	28.4	26.7	40.1
92	17.1	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

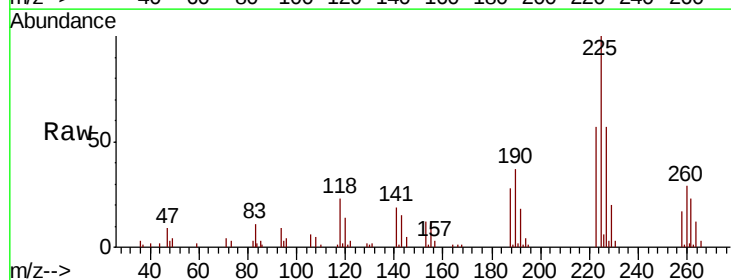


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

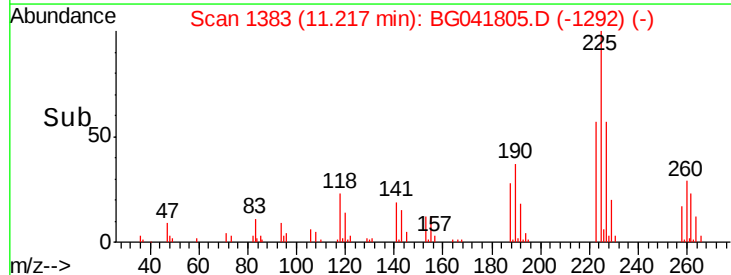
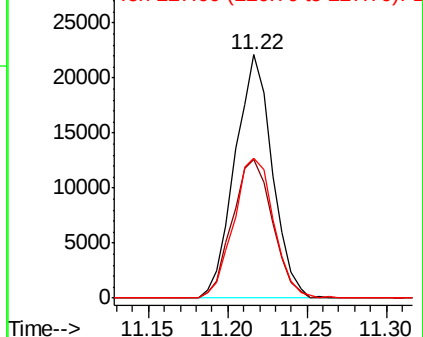


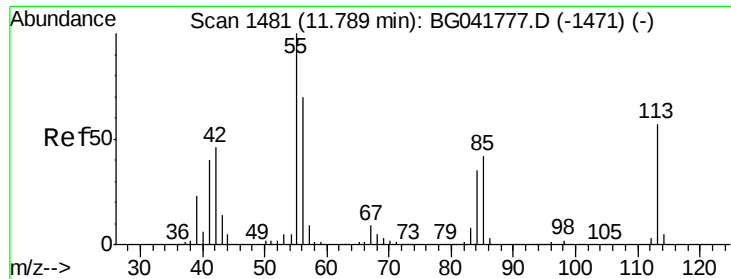
#34
Hexachlorobutadiene
Concen: 7.407 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.2	51.1	76.7
227	57.4	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.267 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:113 Resp: 16322

Ion Ratio Lower Upper

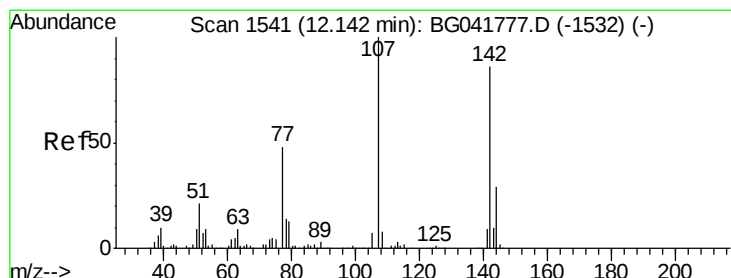
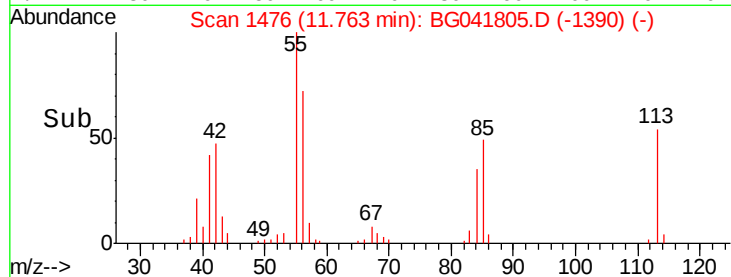
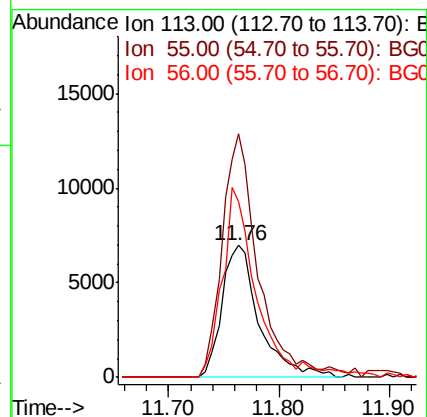
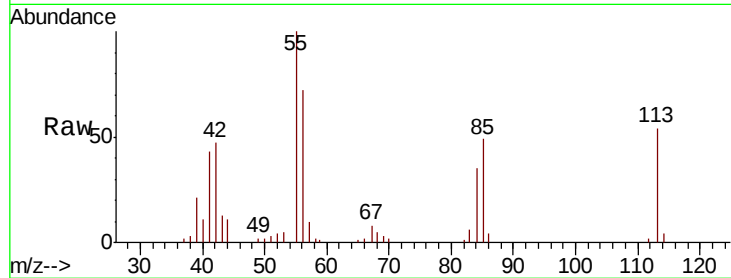
113 100

55 184.5 199.4 239.4#

56 133.4 133.6 173.6#

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#36

4-Chloro-3-methylphenol

Concen: 7.875 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

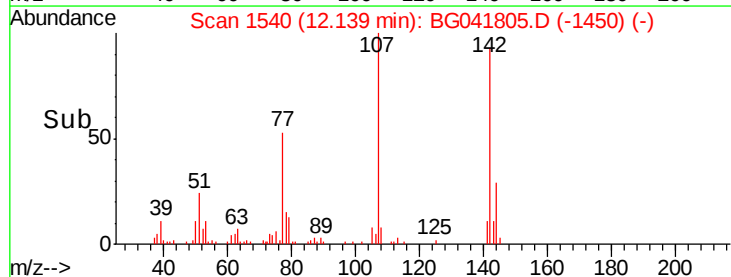
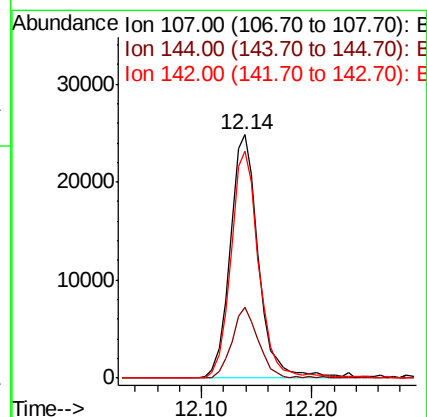
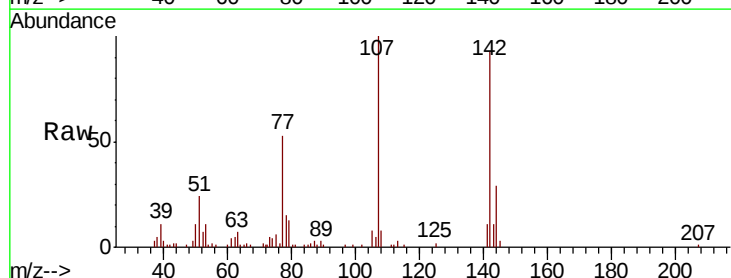
Tgt Ion:107 Resp: 44356

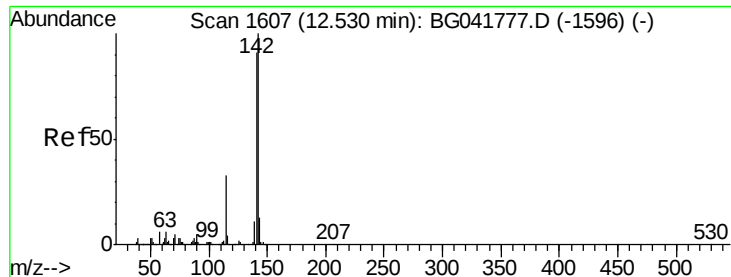
Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.2

142 93.3 67.3 100.9





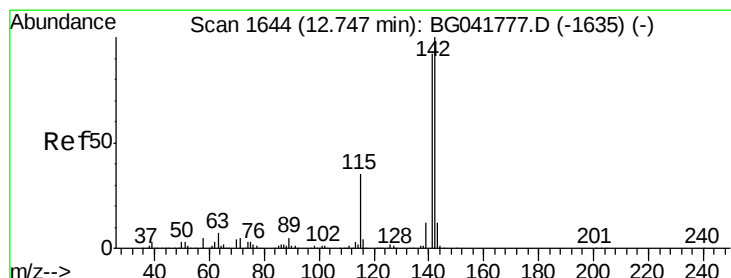
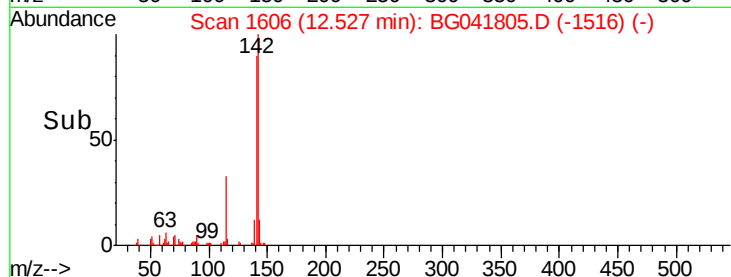
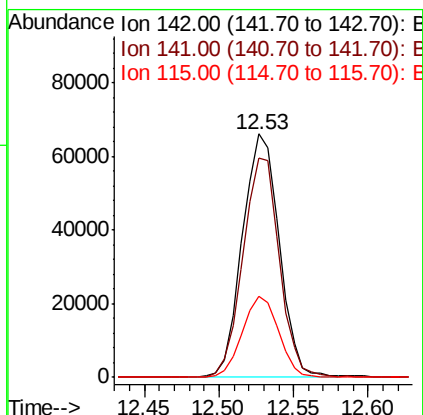
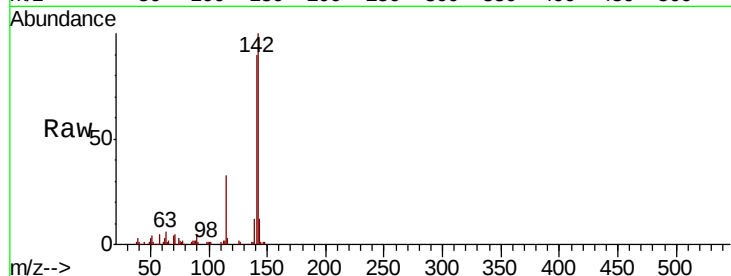
#37
2-Methylnaphthalene
Concen: 8.365 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.7	109.1
115	33.1	27.0	40.4

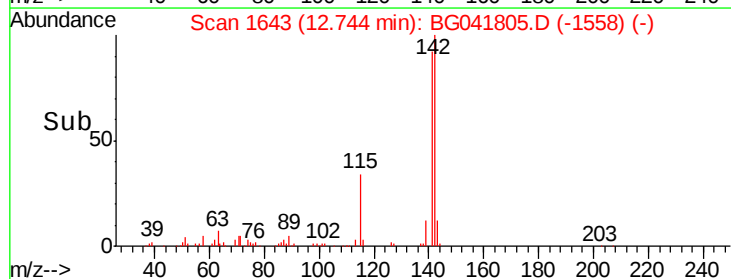
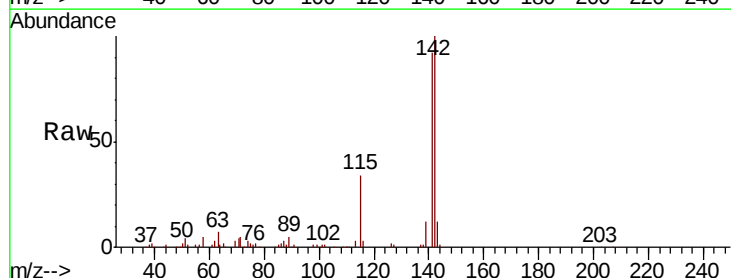
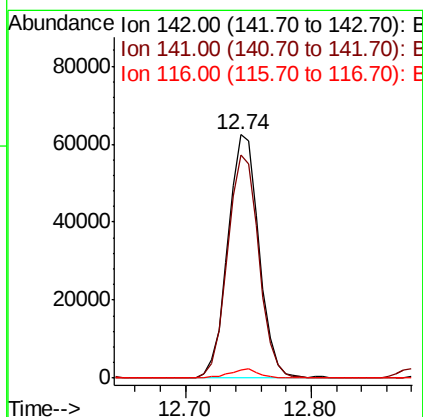
Manual Integrations
APPROVED

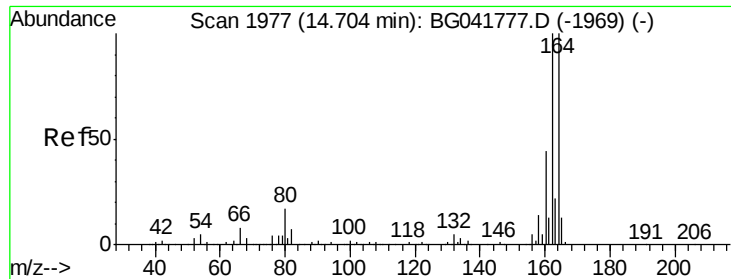
mohammad
8/1/2019 5:05:02 PM



#38
1-Methylnaphthalene
Concen: 8.326 ng m
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.4	113.2
116	3.2	3.2	4.8#





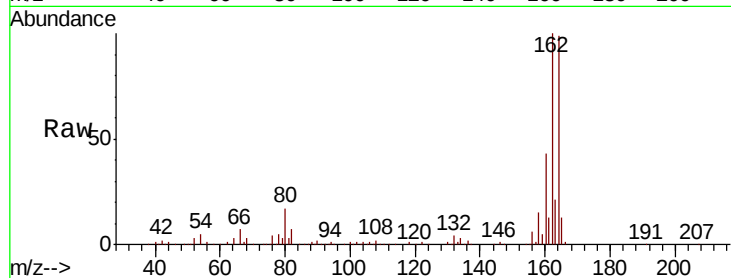
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	43.7	35.4	53.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

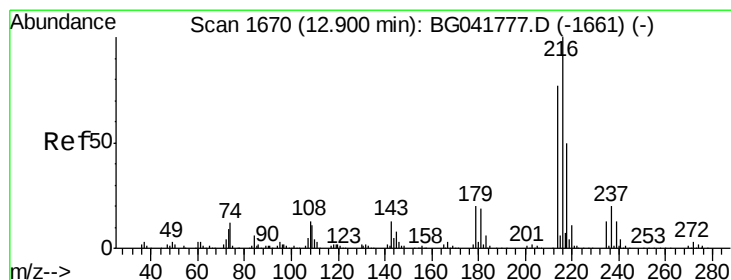
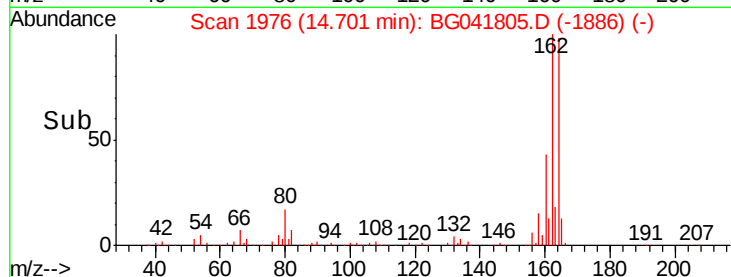
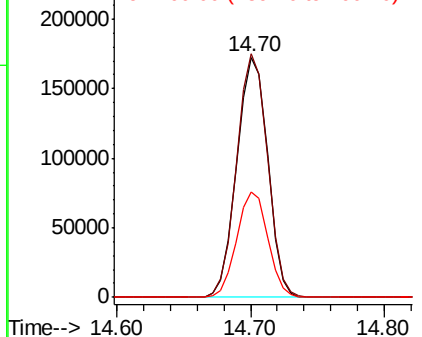


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.222 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	73.5	61.5	92.3
179	18.3	16.2	24.2
108	12.6	13.2	19.8#

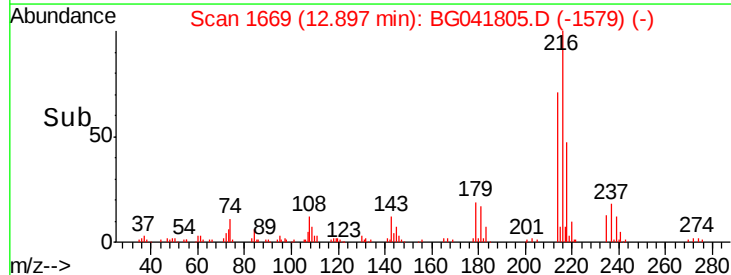
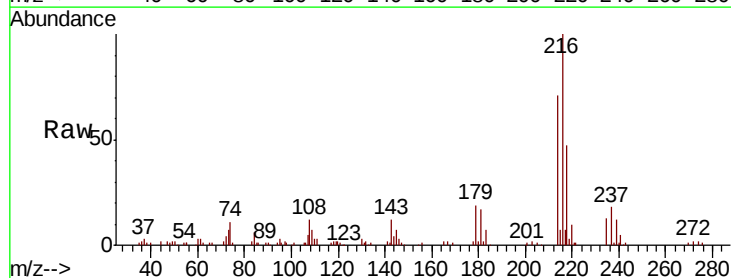
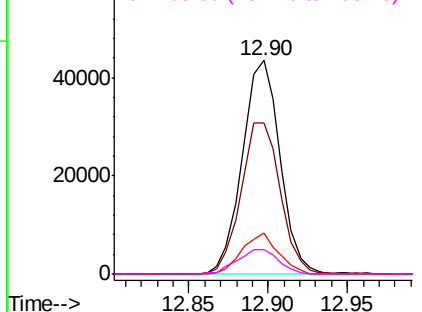
Abundance

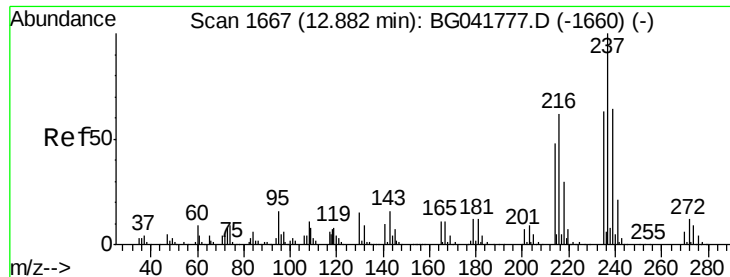
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.087 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

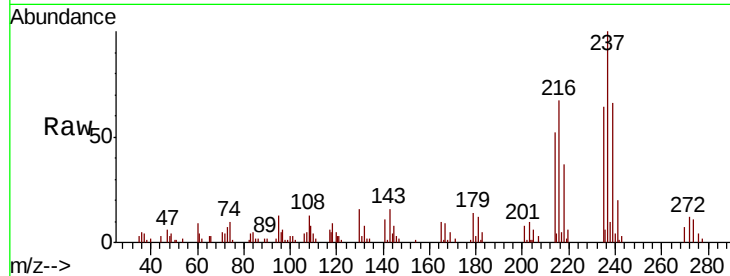
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

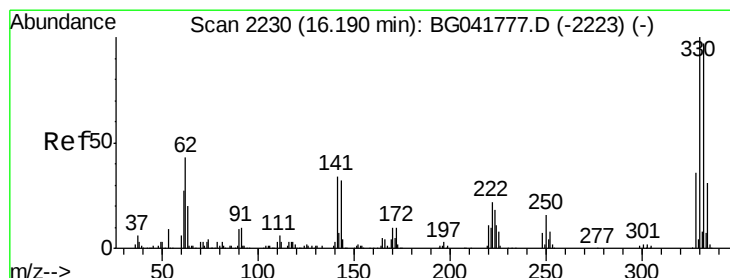
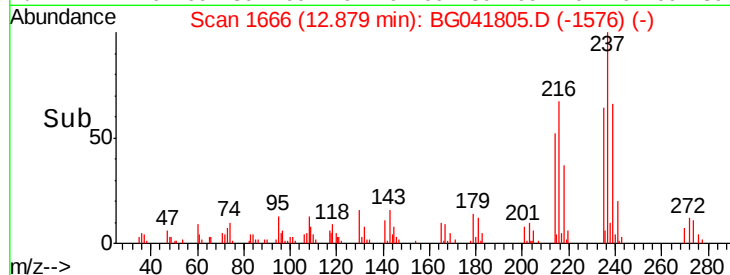
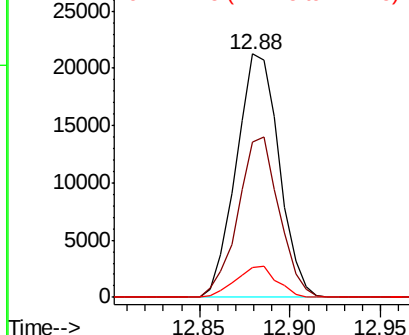
Tot Ion:	237	Resp:	34906
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.5	83.5
272	12.5	0.0	31.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 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: 110.136 ng

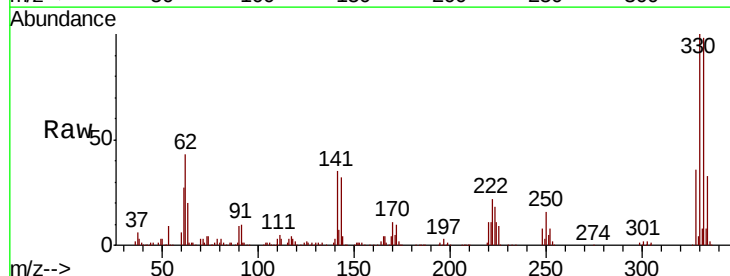
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

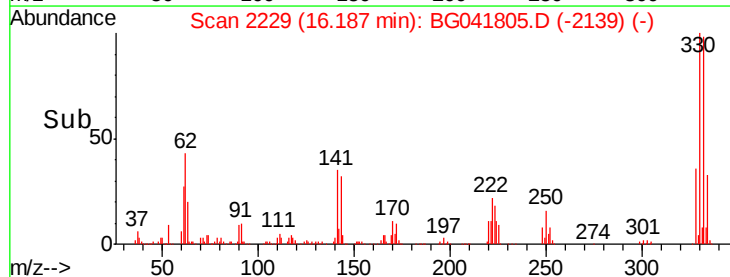
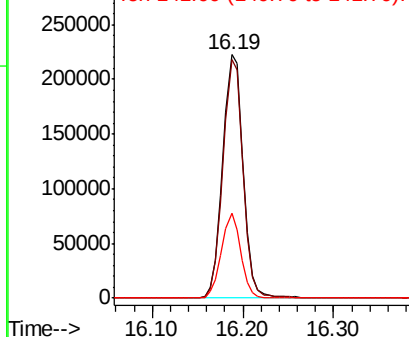
Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	330	Resp:	346210
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	32.9	31.9	47.9



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





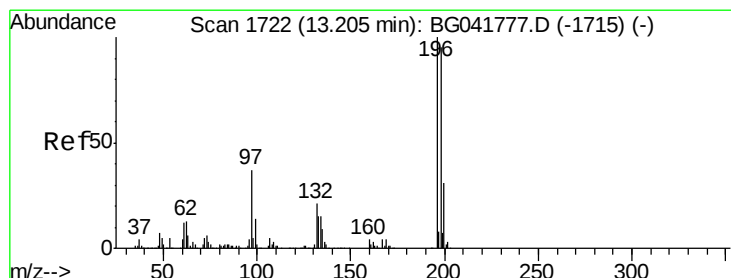
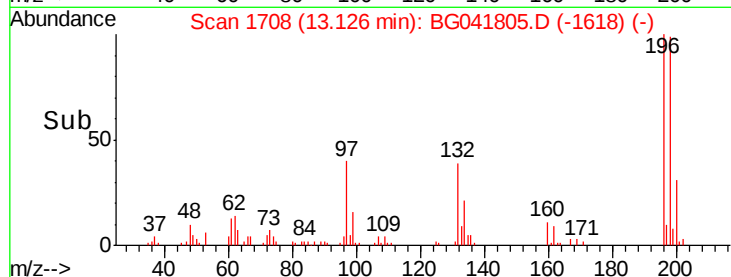
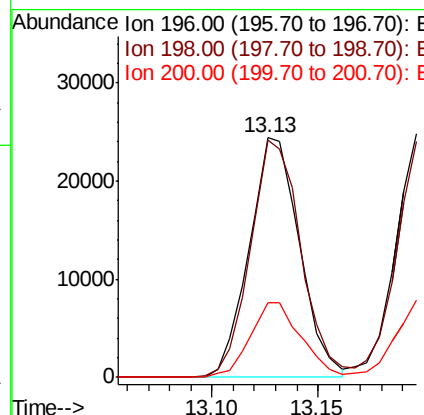
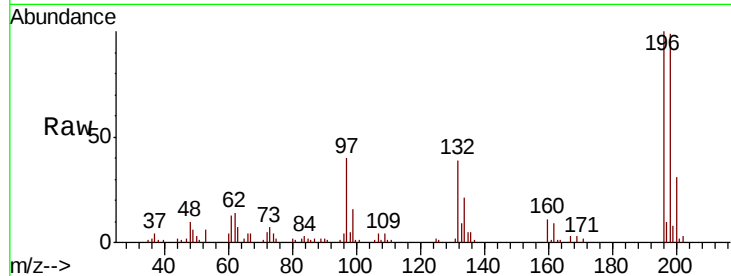
#43
 2,4,6-Trichlorophenol
 Concen: 7.318 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	40517		
198	99.2	79.6	119.4	
200	31.0	25.2	37.8	

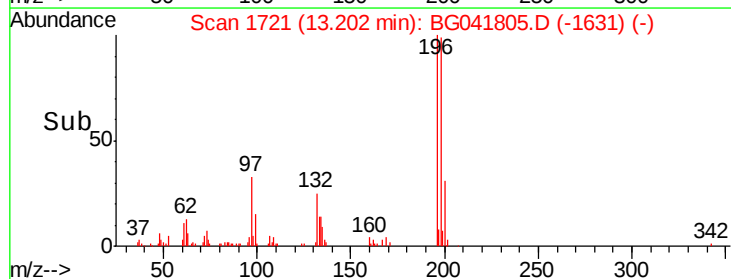
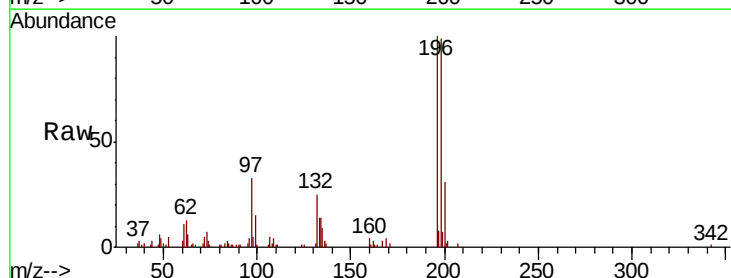
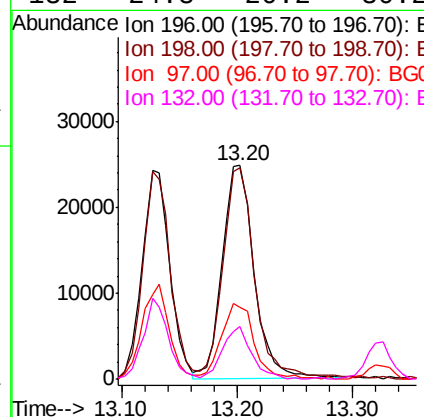
Manual Integrations
 APPROVED

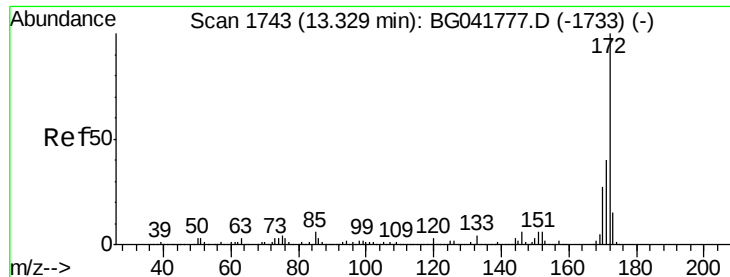
mohammad
 8/1/2019 5:05:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 8.191 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47131		
198	99.0	80.6	121.0	
97	33.5	33.9	50.9	
132	24.8	20.2	30.2	





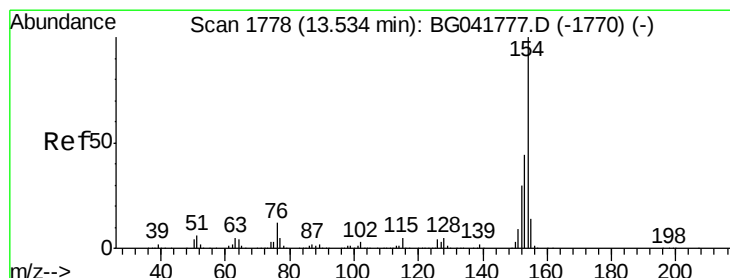
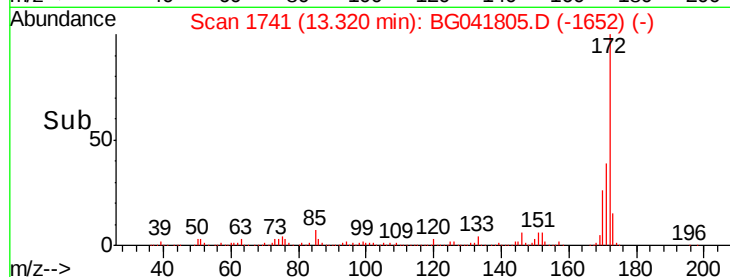
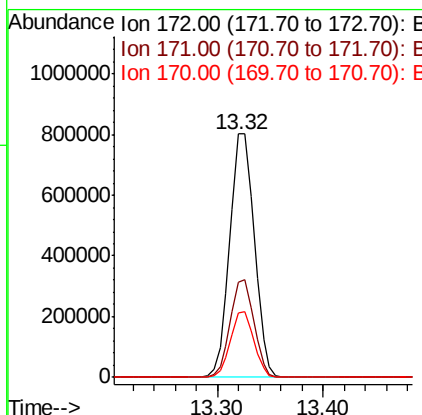
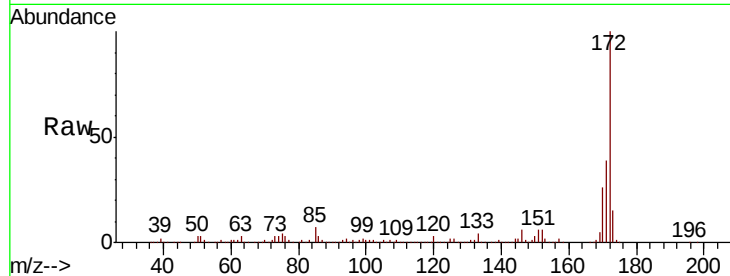
#45
2-Fluorobiphenyl
Concen: 82.120 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion:172 Resp: 1288563
Ion Ratio Lower Upper
172 100
171 39.3 35.0 52.4
170 26.3 23.5 35.3

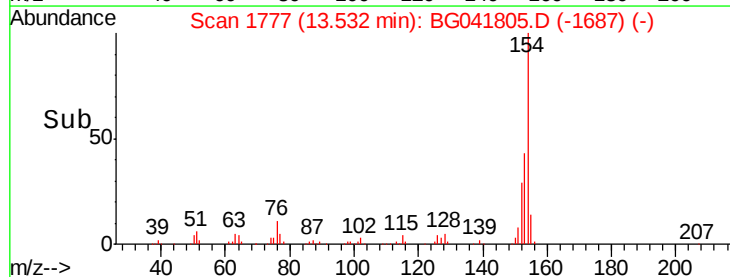
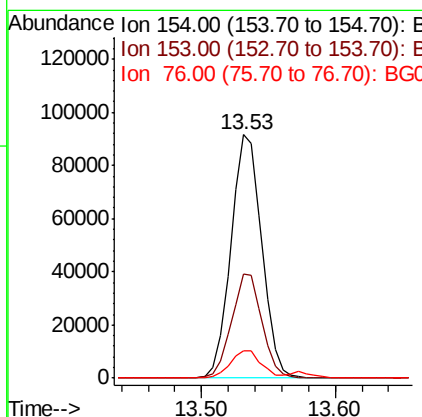
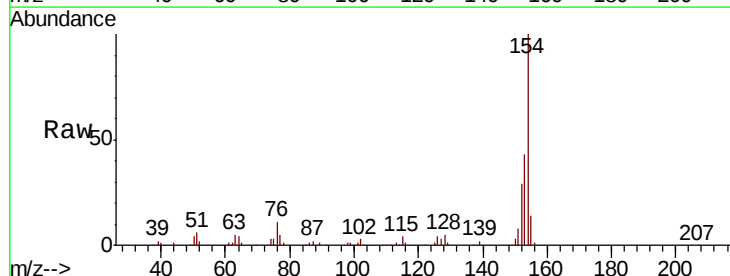
Manual Integrations
APPROVED

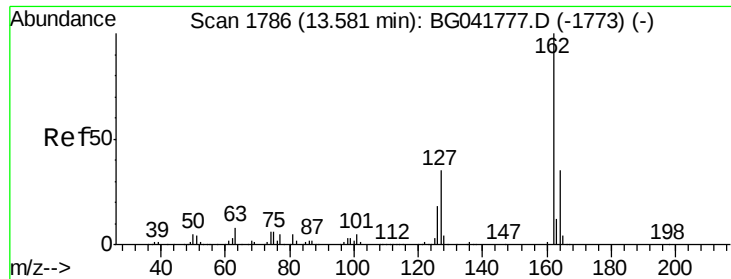
mohammad
8/1/2019 5:05:02 PM



#46
1,1'-Biphenyl
Concen: 8.263 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:154 Resp: 146999
Ion Ratio Lower Upper
154 100
153 42.9 25.0 65.0
76 11.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 7.843 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

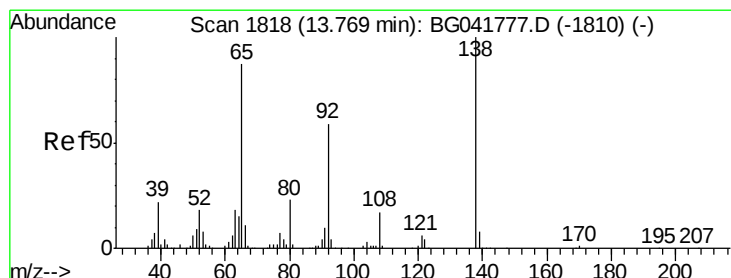
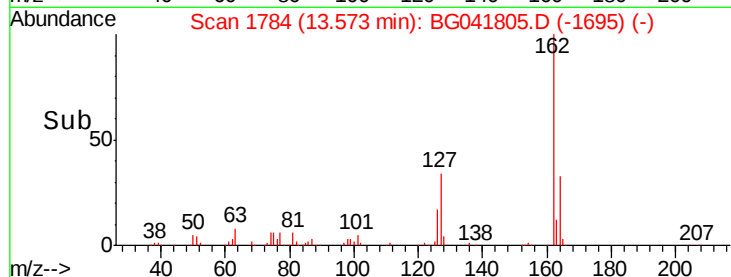
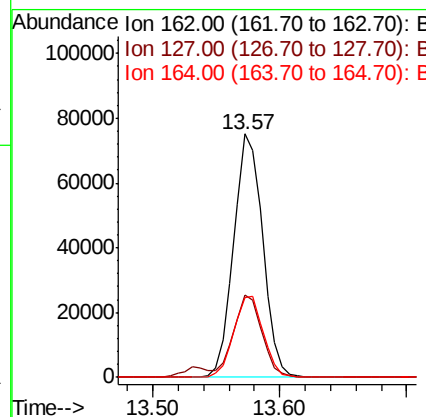
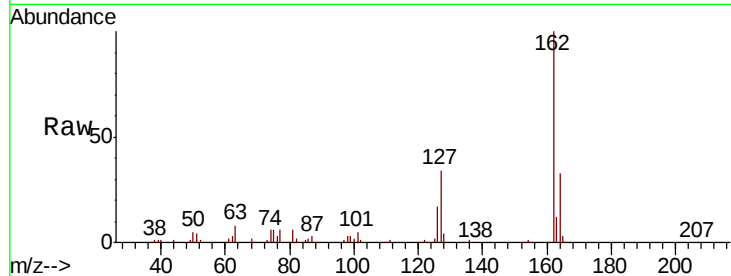
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	162	Resp:	118795
Ion Ratio	Lower	Upper	
162	100		
127	33.8	30.4	45.6
164	32.8	28.6	42.8

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#48

2-Nitroaniline

Concen: 7.600 ng

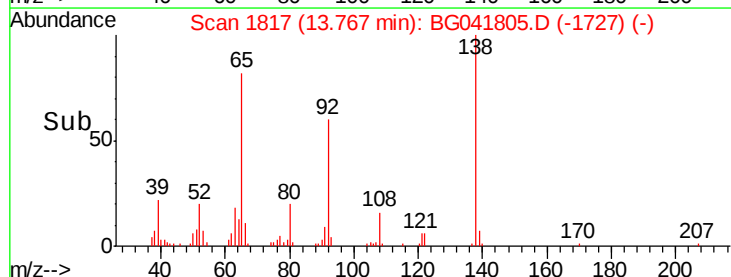
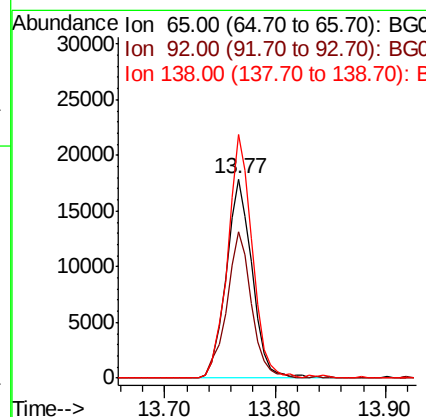
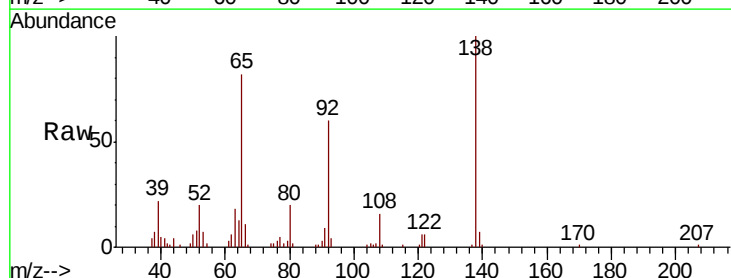
RT: 13.77 min Scan# 1817

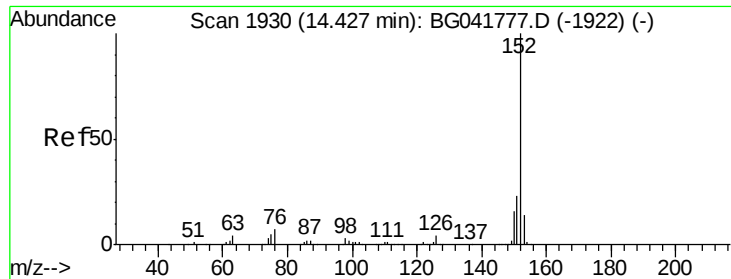
Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	65	Resp:	29194
Ion Ratio	Lower	Upper	
65	100		
92	73.6	53.9	80.9
138	122.2	83.5	125.3





#49

Acenaphthylene

Concen: 8.536 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

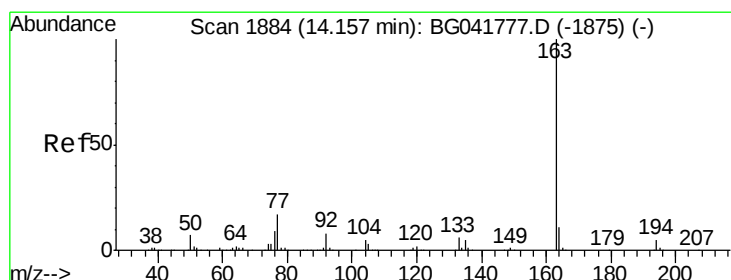
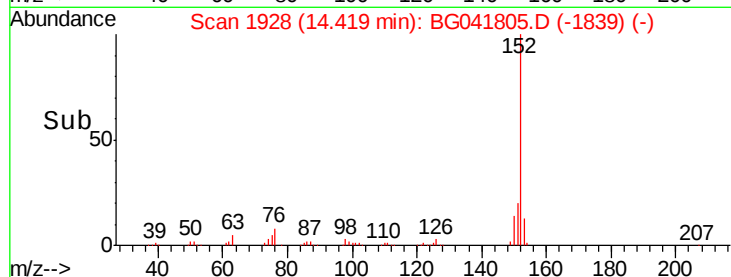
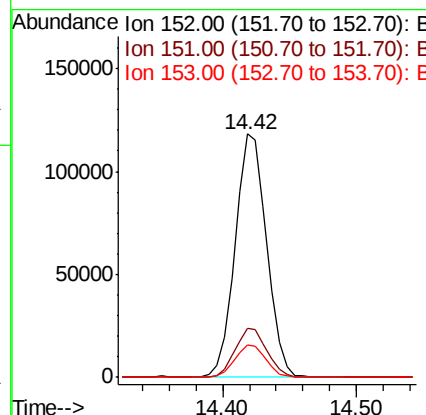
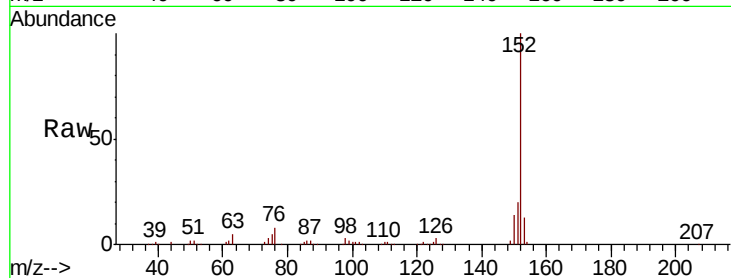
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	18.7	28.1
153	13.1	12.4	18.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#50

Dimethylphthalate

Concen: 8.329 ng

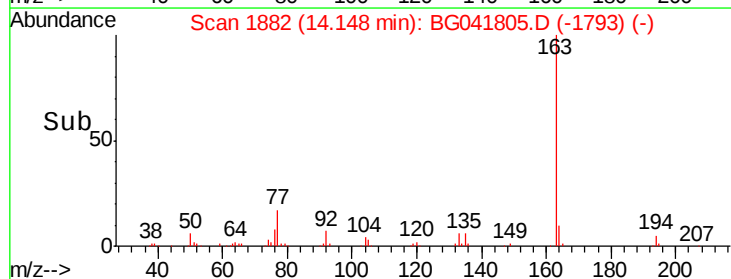
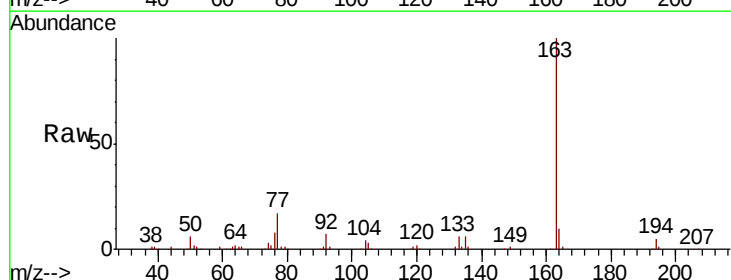
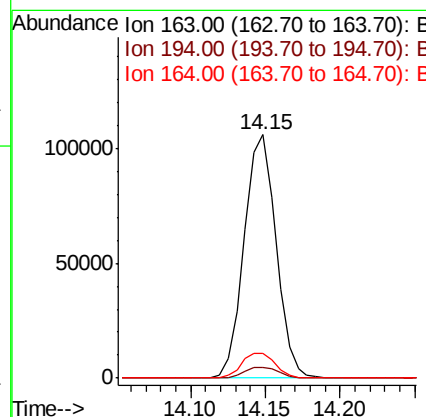
RT: 14.15 min Scan# 1882

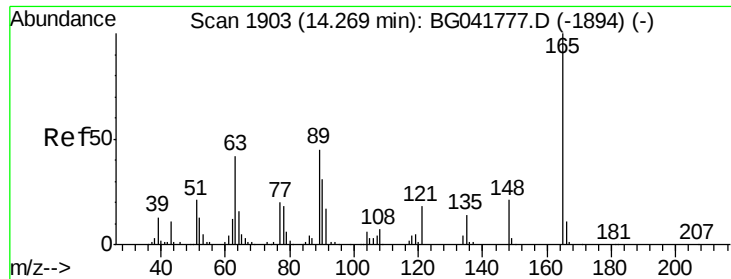
Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	10.0	9.4	14.2





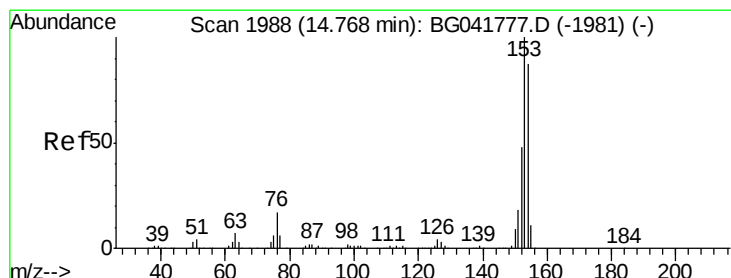
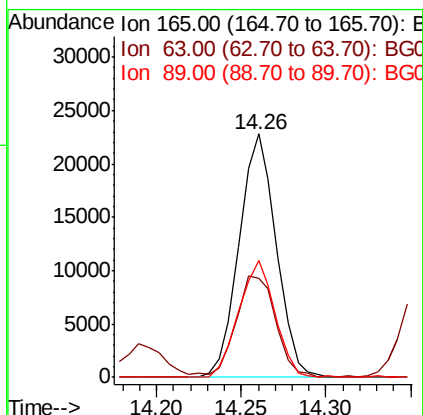
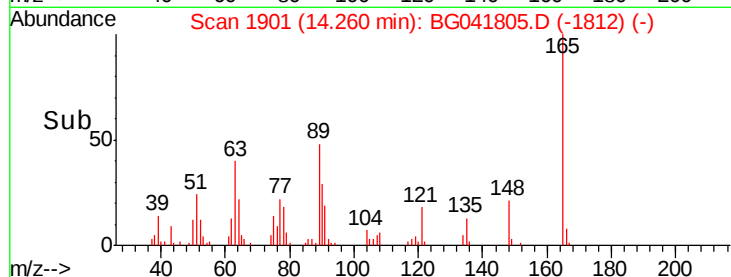
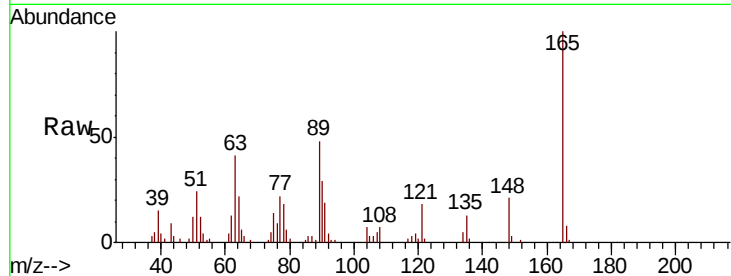
#51
2,6-Dinitrotoluene
Concen: 8.807 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	34806		
63	40.6		42.4	63.6#
89	47.8		42.1	63.1

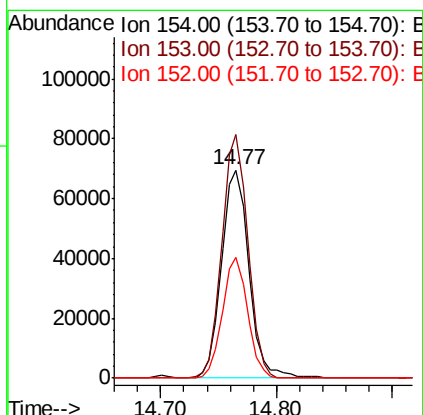
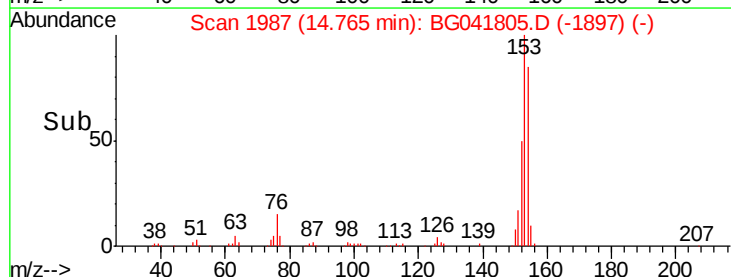
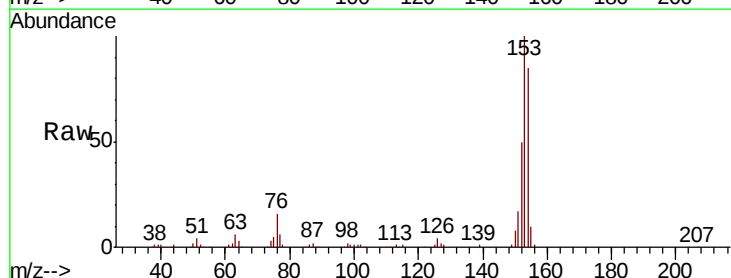
Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#52
Acenaphthene
Concen: 7.803 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	114987		
153	117.0		89.8	134.6
152	58.0		44.9	67.3





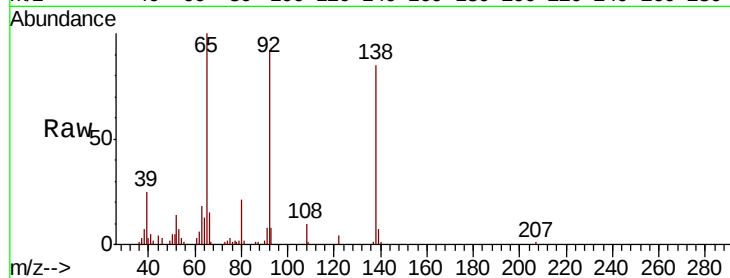
#53
3-Nitroaniline
Concen: 7.583 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.3	15.5
92	108.4	93.0	139.4

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

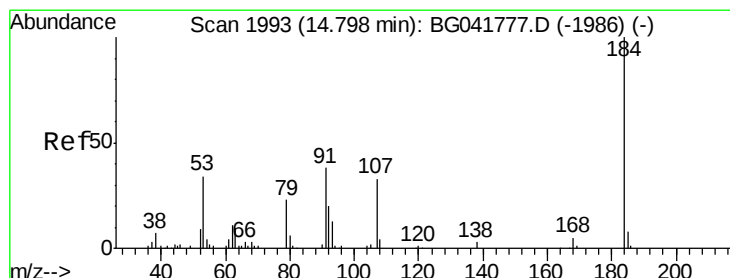
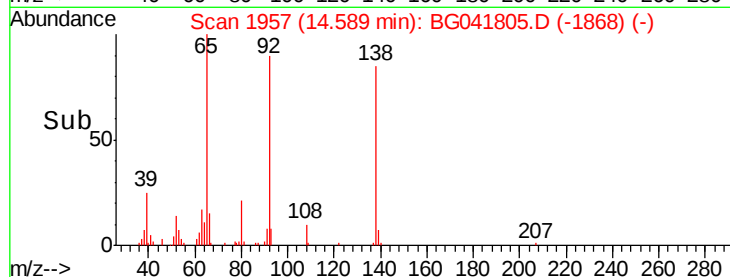
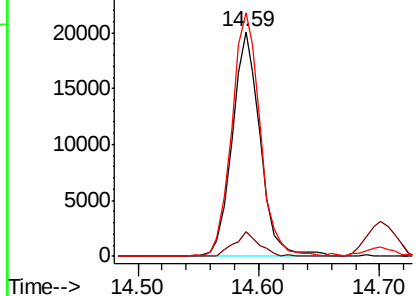


Abundance

Ion 138.00 (137.70 to 138.70): E

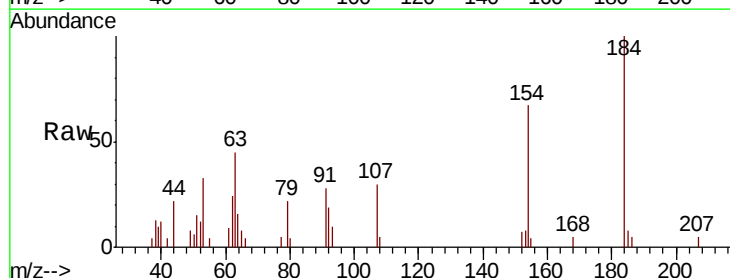
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 3.952 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.5	43.2	64.8
154	67.1	51.4	77.2

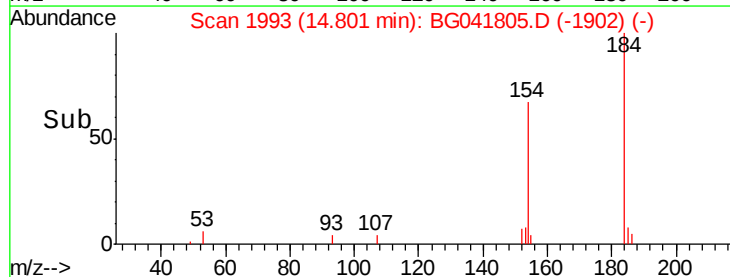
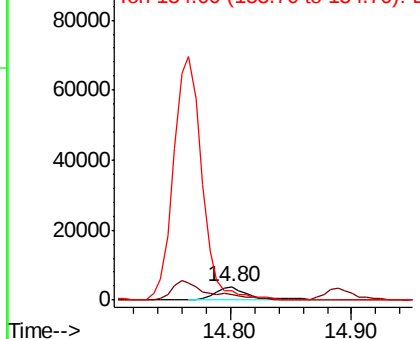


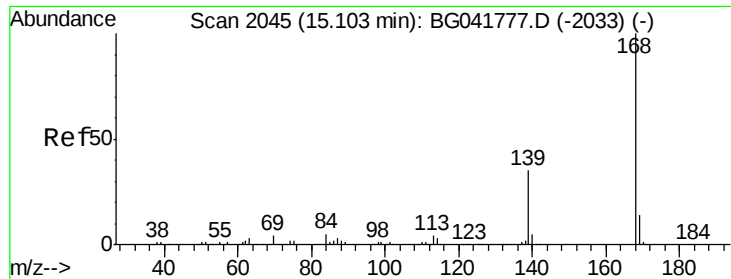
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





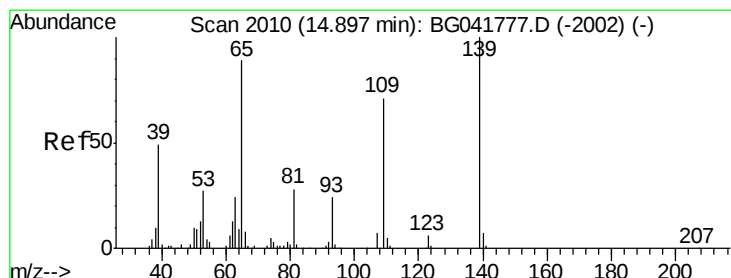
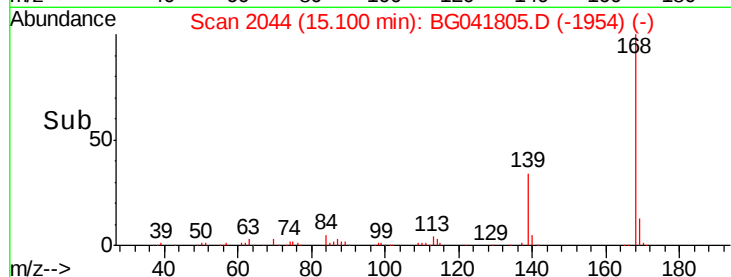
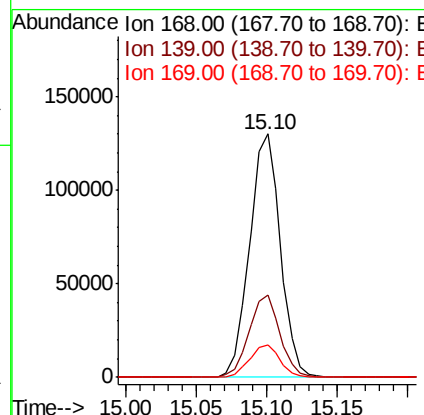
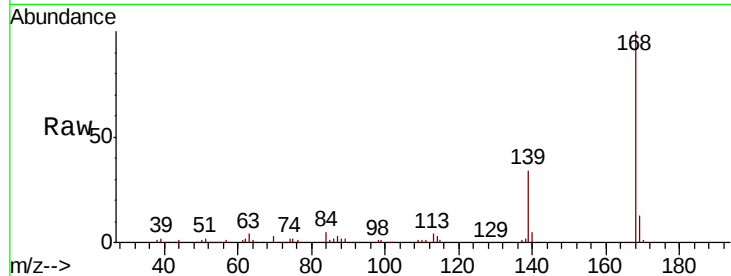
#55
Dibenzenofuran
Concen: 8.819 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.0	31.9	47.9
169	13.4	12.5	18.7

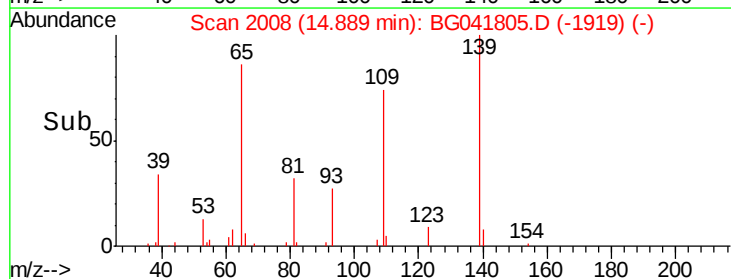
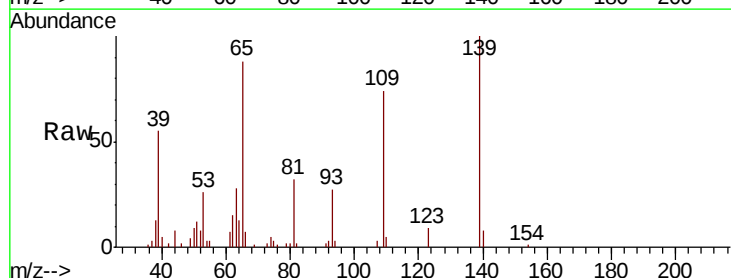
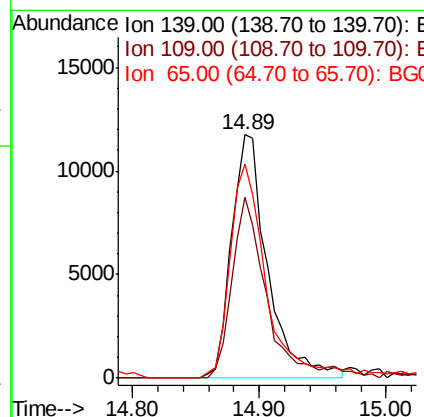
Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#56
4-Nitrophenol
Concen: 7.194 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	51.3	91.3
65	88.1	77.6	117.6





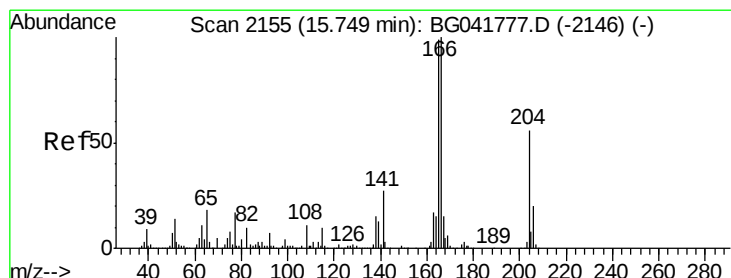
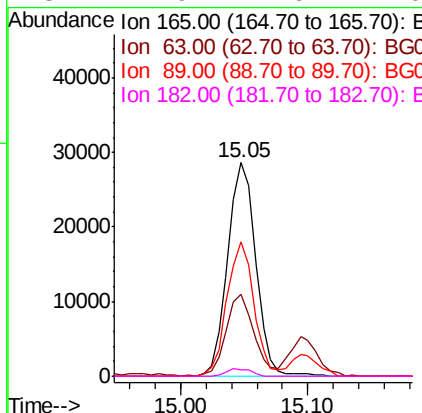
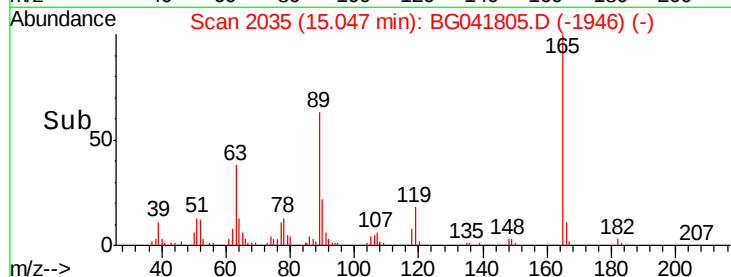
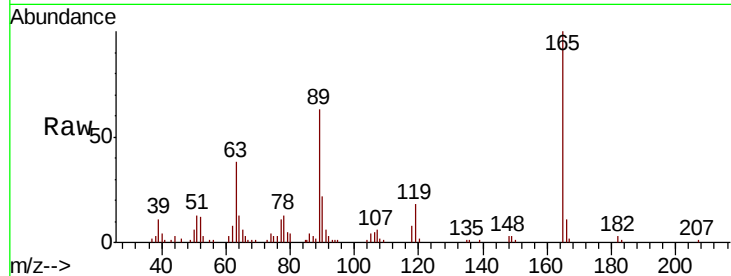
#57
2,4-Dinitrotoluene
Concen: 8.063 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	31.7	47.5
89	62.8	50.2	75.4
182	2.9	2.6	4.0

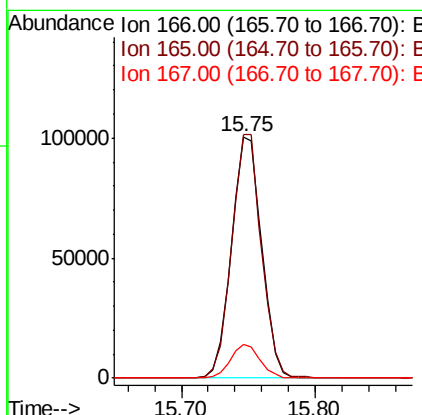
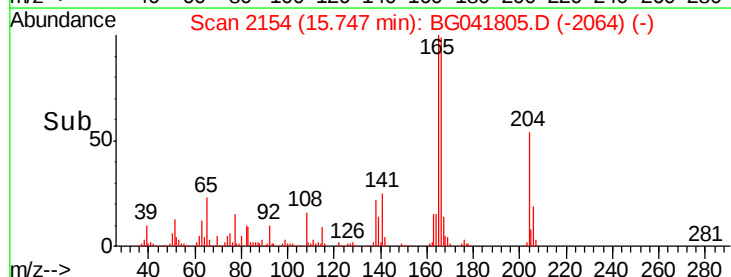
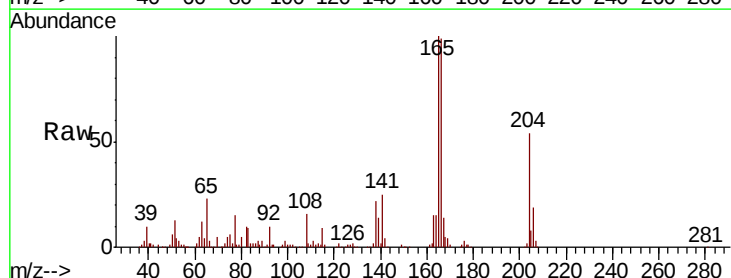
Manual Integrations
APPROVED

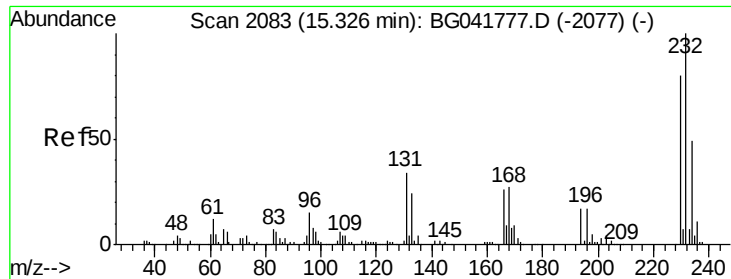
mohammad
8/1/2019 5:05:02 PM



#58
Fluorene
Concen: 8.718 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.5	120.7
167	13.8	12.4	18.6





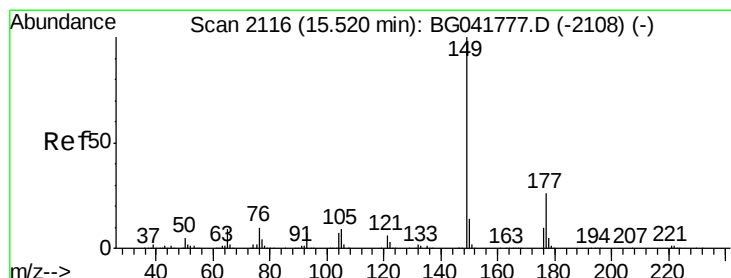
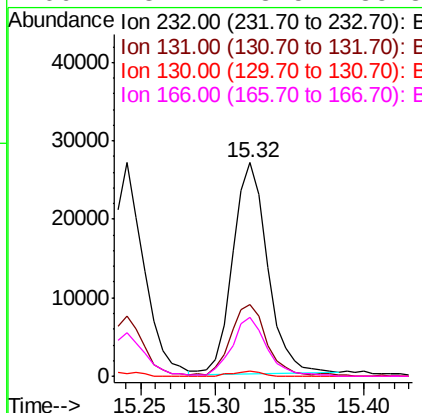
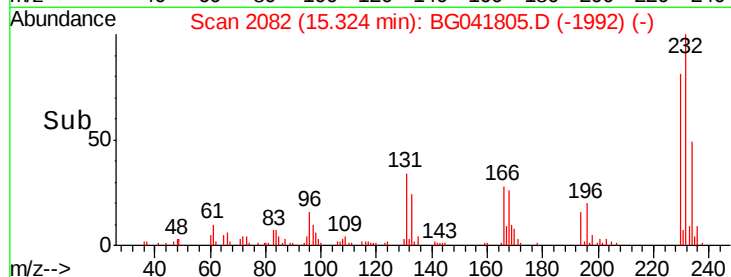
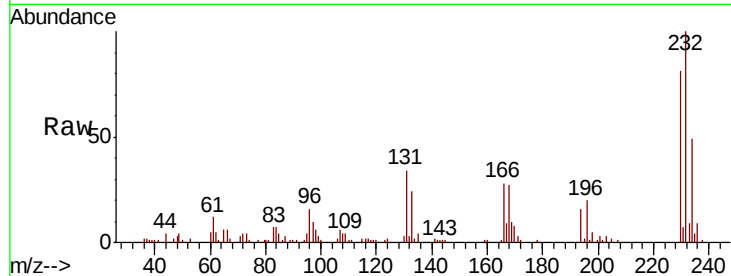
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.658 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		43643		
131	36.3	31.8	47.6		
130	2.1	1.8	2.8		
166	28.4	23.5	35.3		

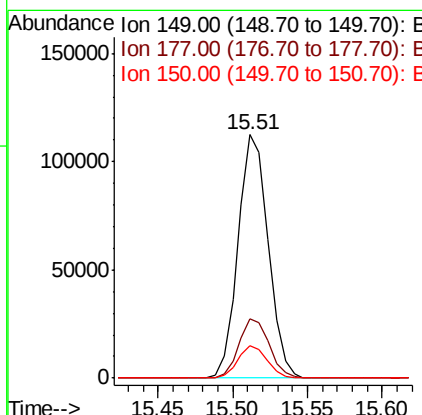
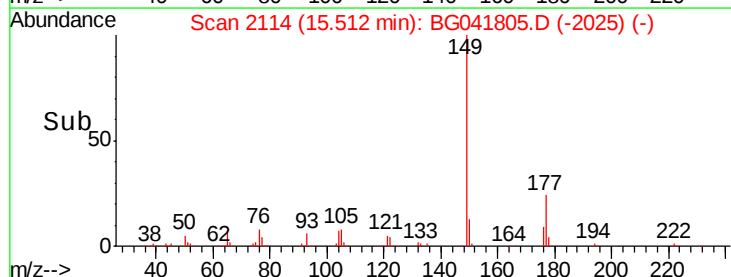
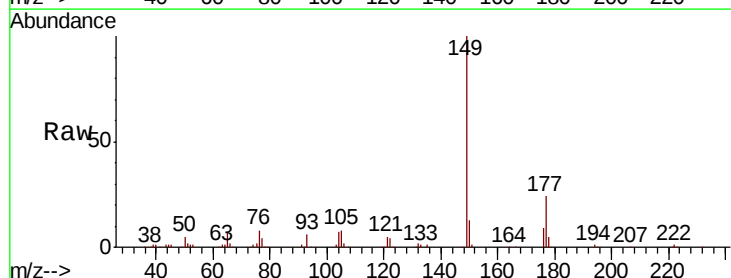
Manual Integrations
 APPROVED

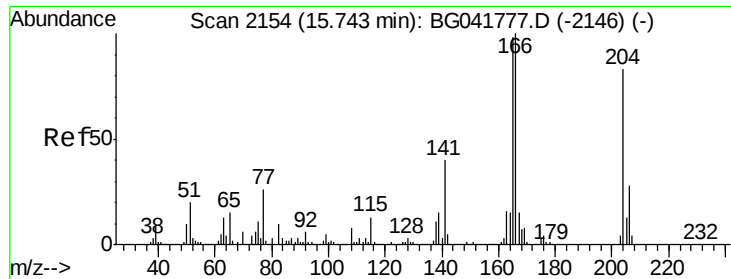
mohammad
 8/1/2019 5:05:02 PM



#60
 Diethylphthalate
 Concen: 8.494 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		157618		
177	24.4	20.7	31.1		
150	13.1	11.5	17.3		





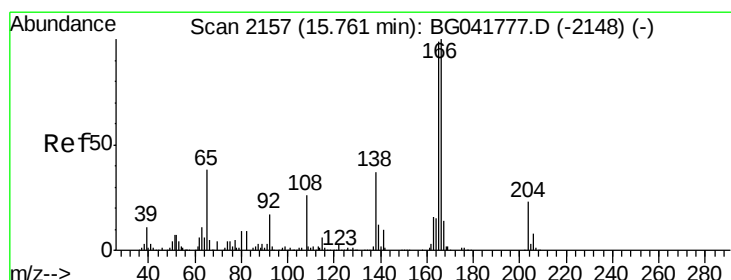
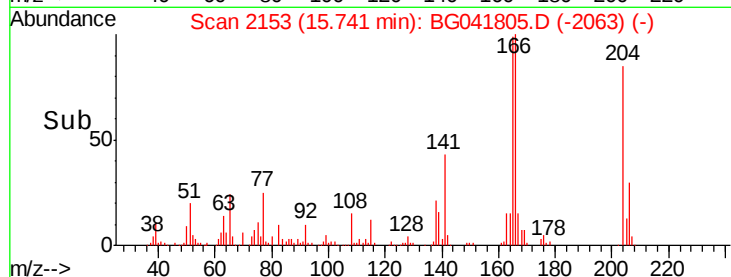
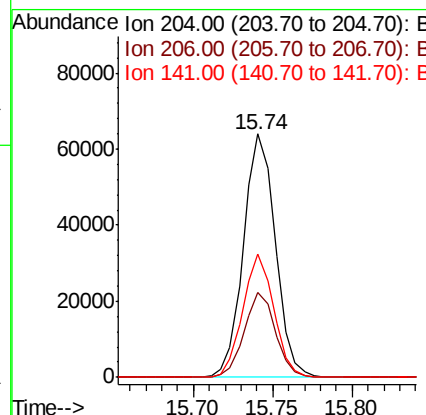
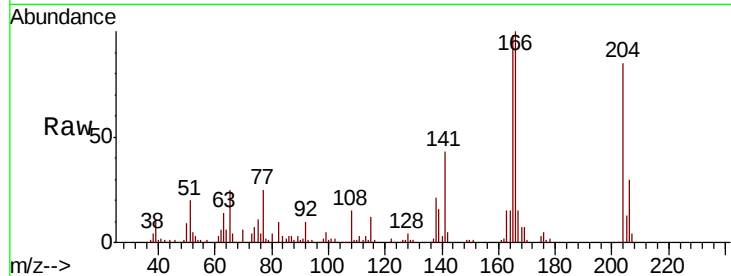
#61
4-Chlorophenyl-phenylether
Concen: 8.065 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.6	42.8
141	50.4	42.9	64.3

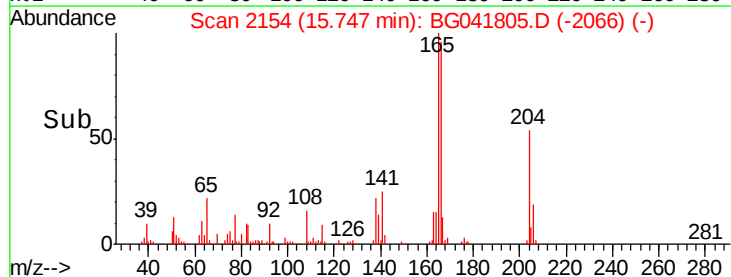
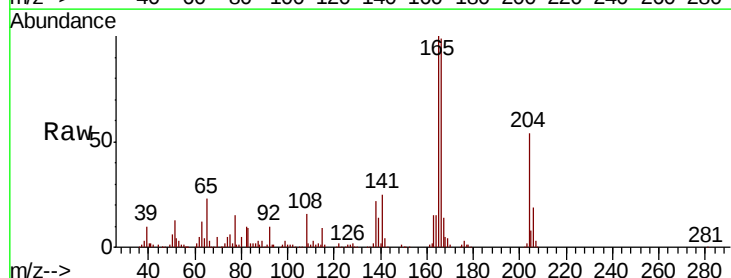
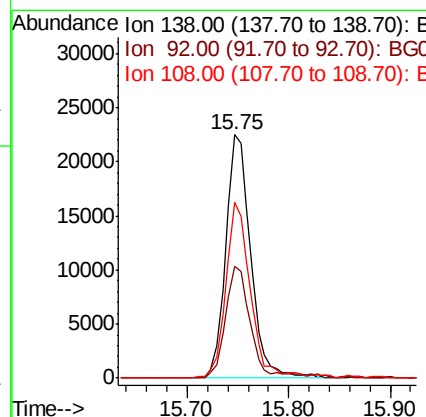
Manual Integrations
APPROVED

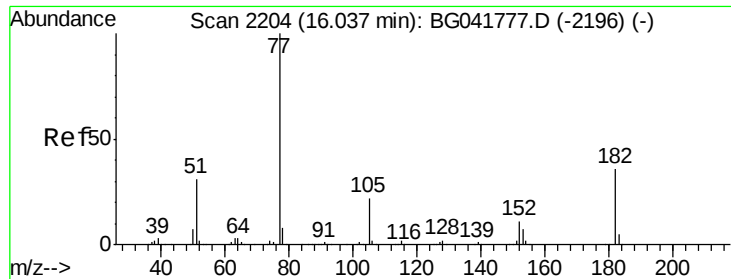
mohammad
8/1/2019 5:05:02 PM



#62
4-Nitroaniline
Concen: 8.375 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	29.8	69.8
108	72.2	52.2	92.2





#63

Azobenzene

Concen: 8.383 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

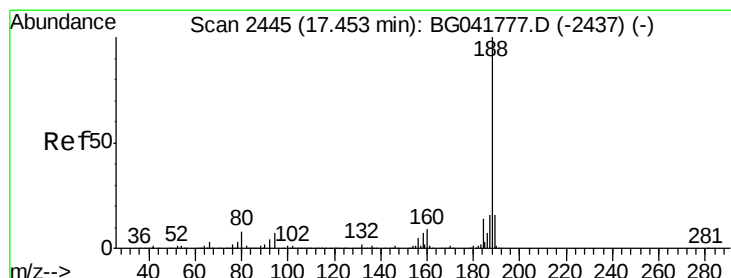
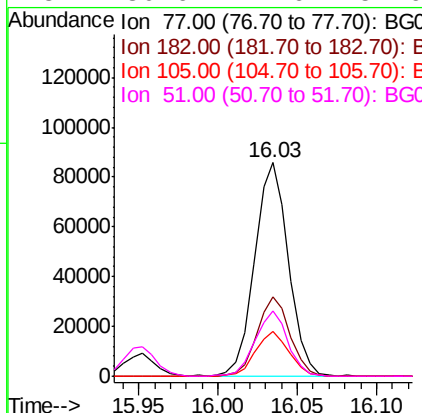
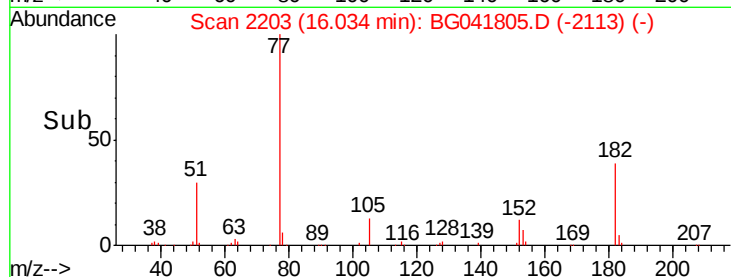
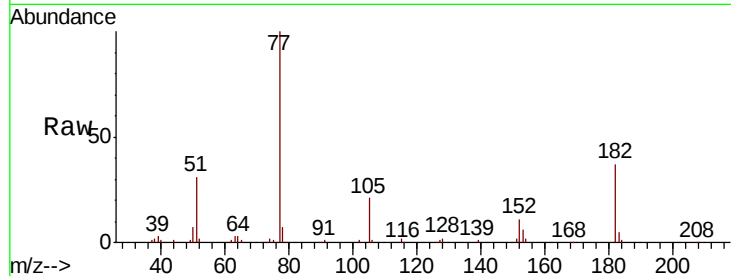
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.1	13.2	53.2
105	20.8	2.2	42.2
51	30.6	14.6	54.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

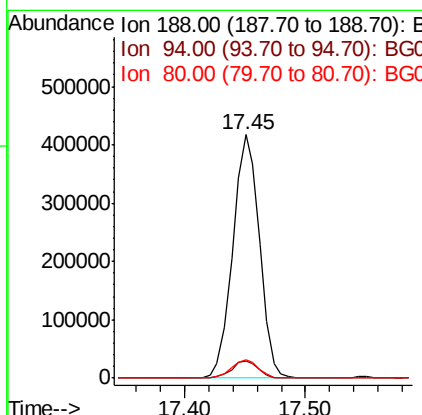
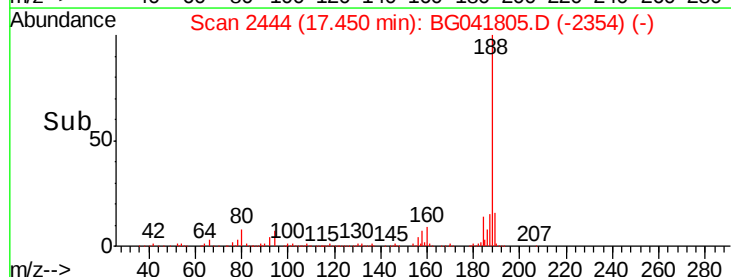
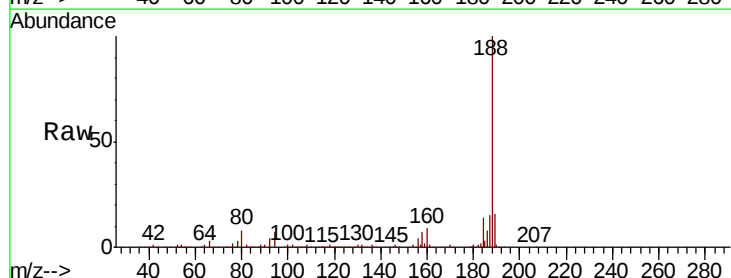
RT: 17.45 min Scan# 2444

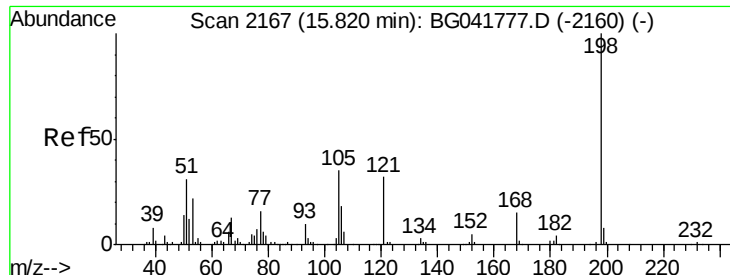
Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.7	8.0	12.0#





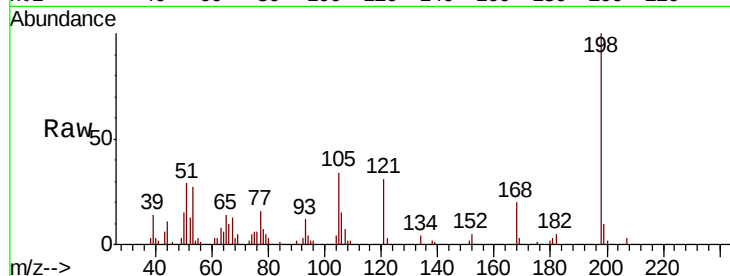
#65
4,6-Dinitro-2-methylphenol
Concen: 6.924 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	19453		
51	29.1		22.3	62.3
105	34.2		18.0	58.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

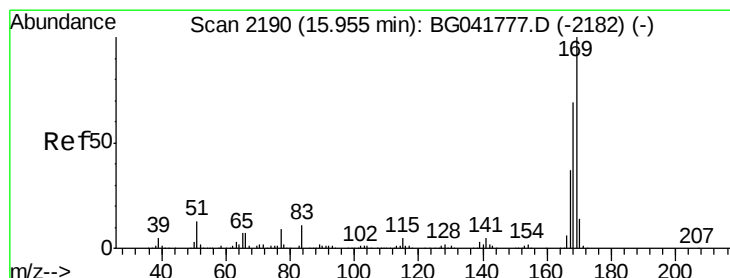
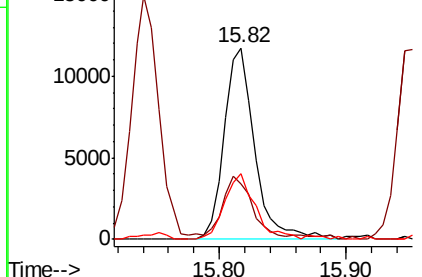
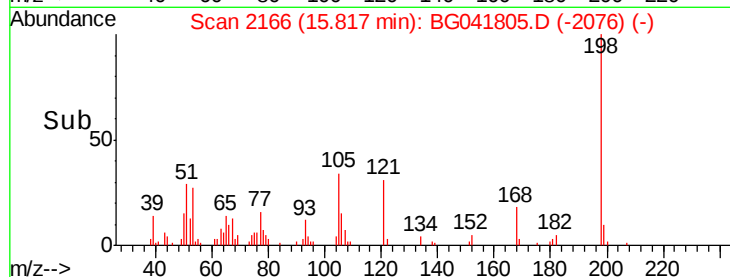


Abundance

Ion 198.00 (197.70 to 198.70): E

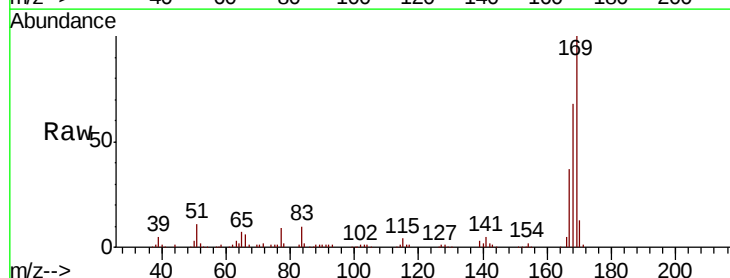
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 8.123 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	141740		
168	67.9		56.9	85.3
167	36.6		31.5	47.3

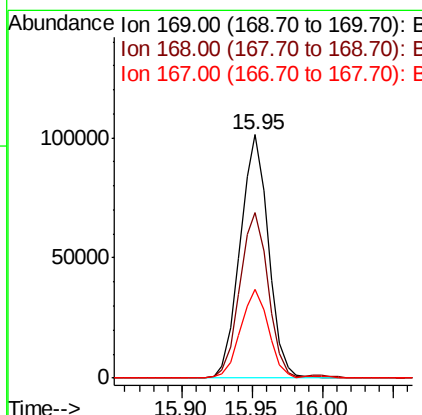
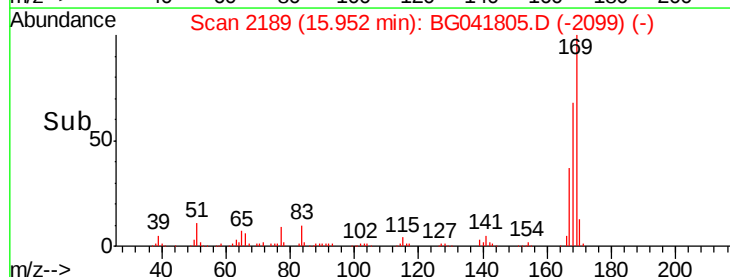


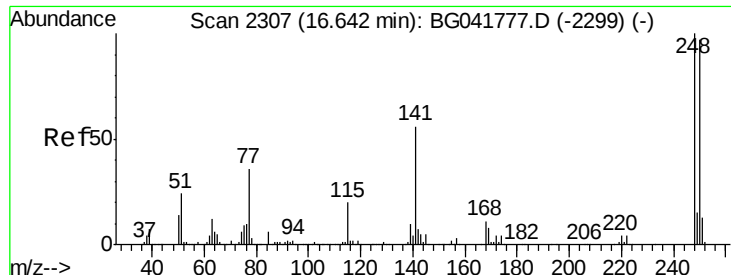
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





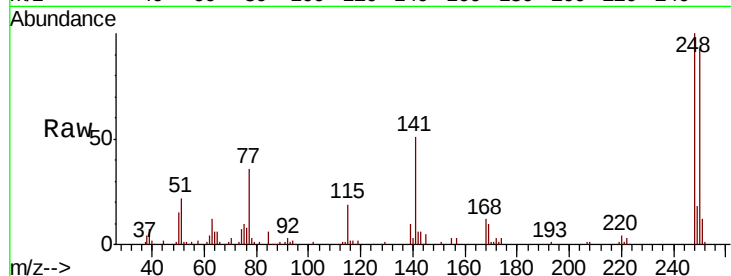
#67
 4-Bromophenyl-phenylether
 Concen: 7.566 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	78.1	117.1
141	51.5	49.6	74.4

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:02 PM

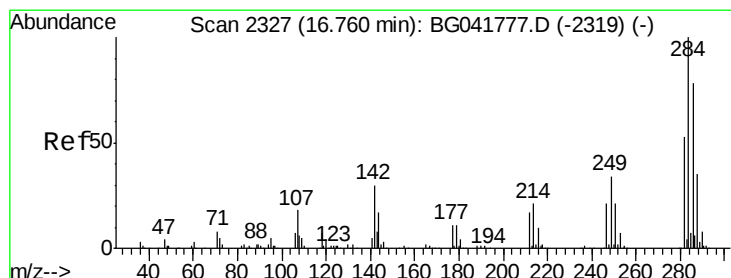
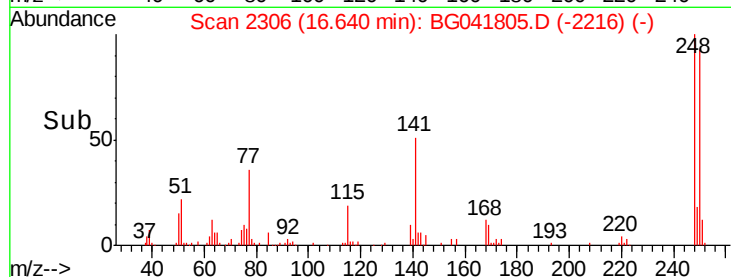
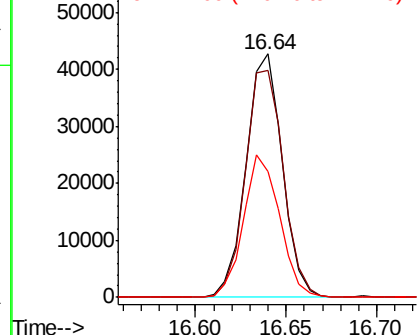


Abundance

Ion 248.00 (247.70 to 248.70): E

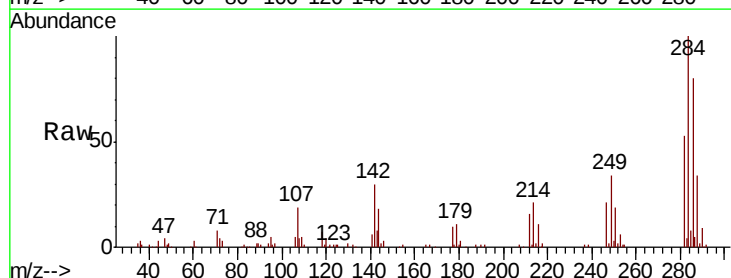
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 7.400 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	27.0	40.6
249	34.2	28.4	42.6

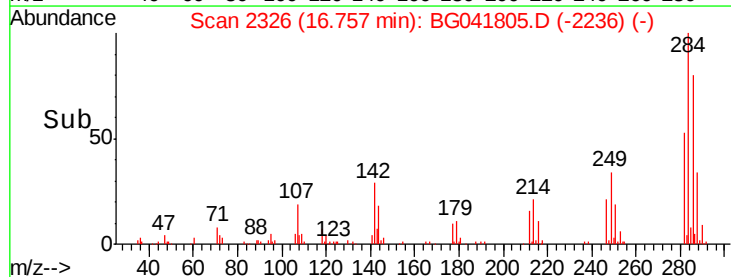
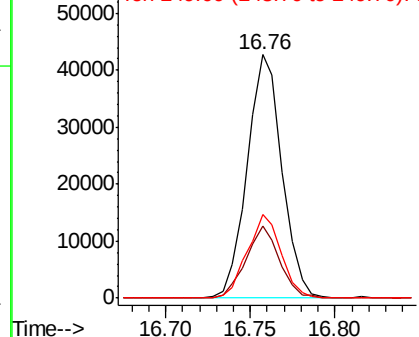


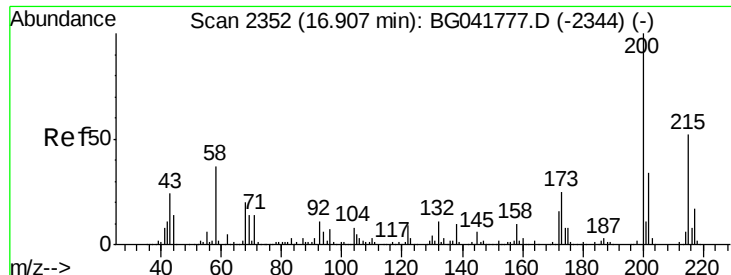
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





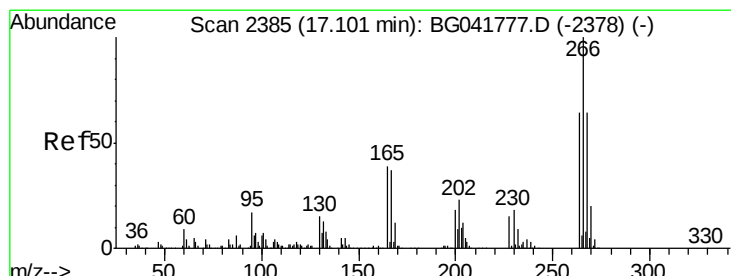
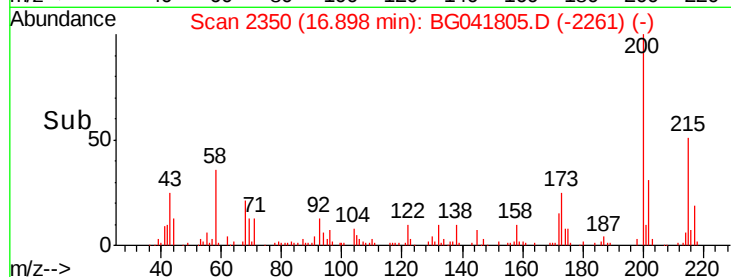
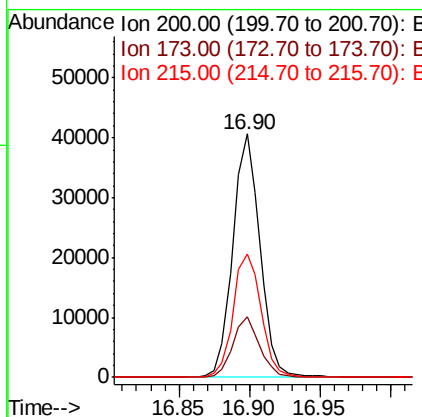
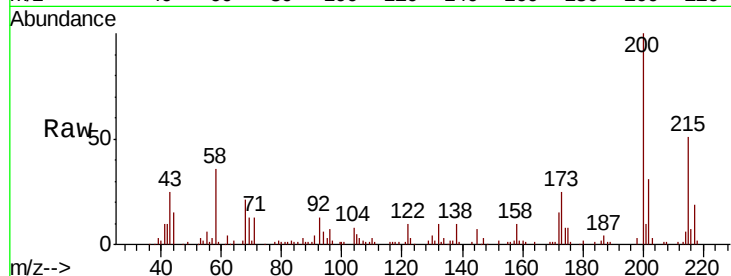
#69
Atrazine
Concen: 7.923 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.8	31.8	71.8

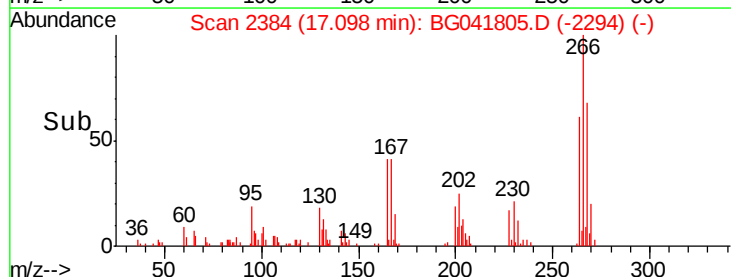
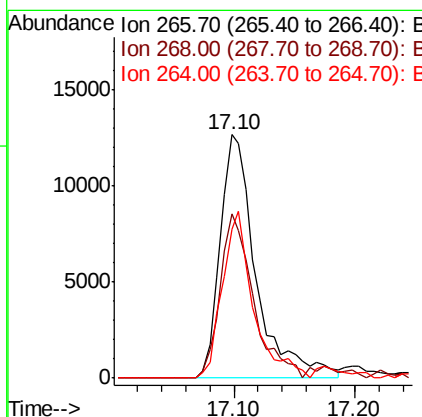
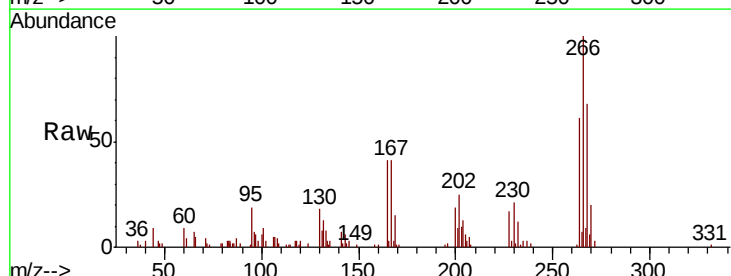
Manual Integrations
APPROVED

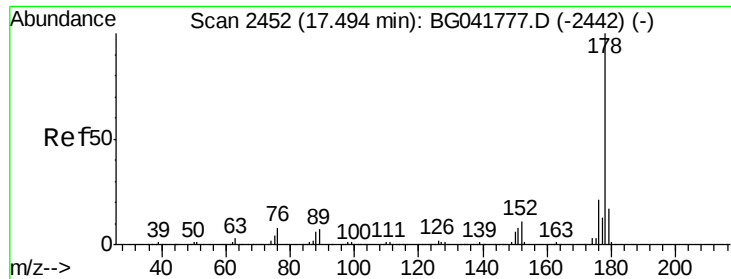
mohammad
8/1/2019 5:05:02 PM



#70
Pentachlorophenol
Concen: 5.565 ng
RT: 17.10 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	73.7	52.9	79.3
264	61.3	51.4	77.2





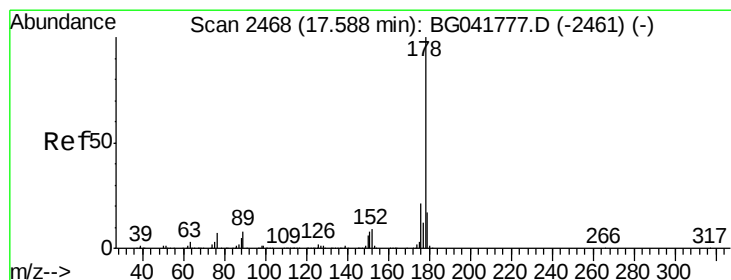
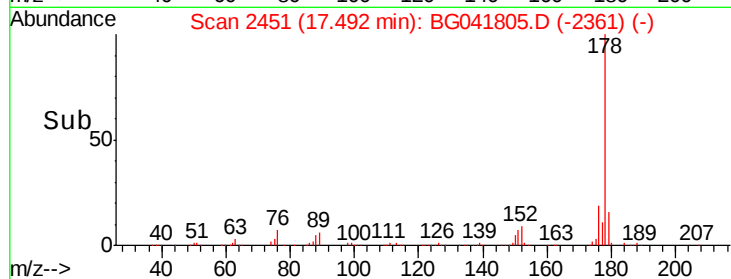
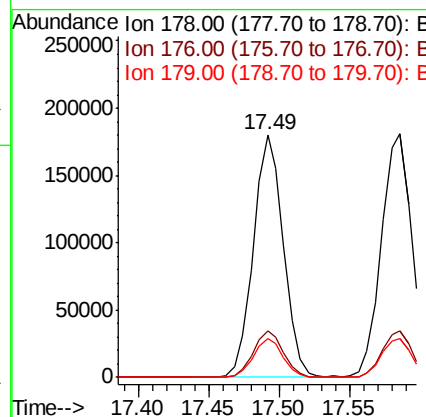
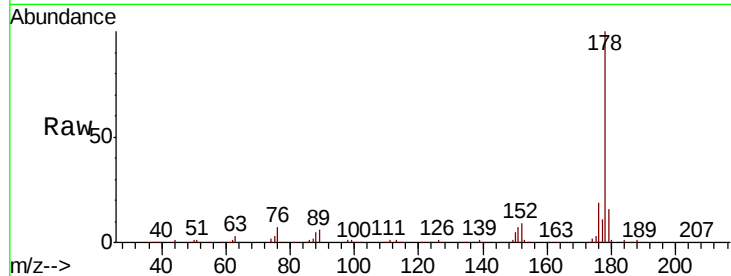
#71
Phenanthrene
Concen: 8.737 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.6	28.0
179	16.0	15.4	23.0

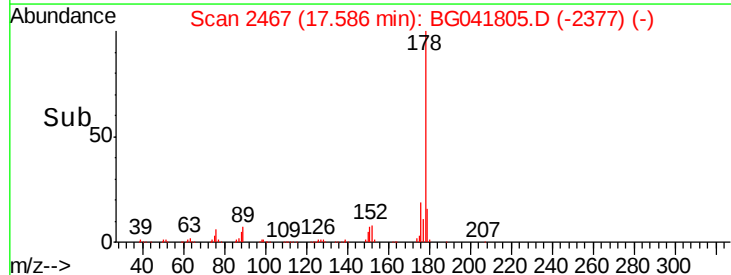
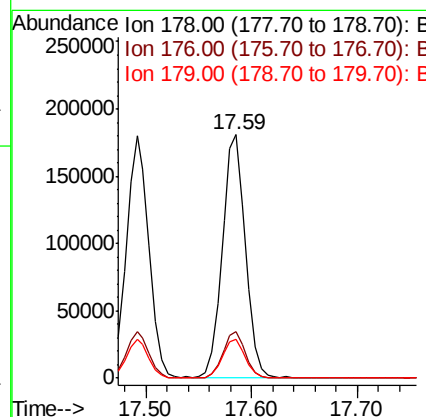
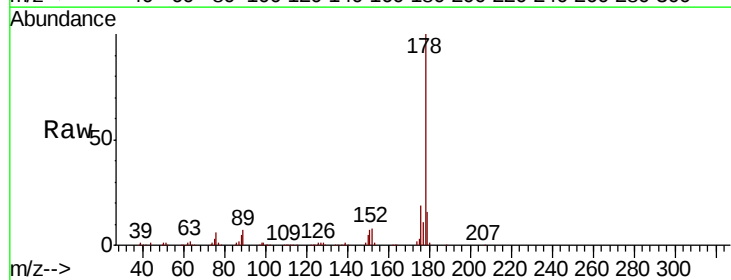
Manual Integrations
APPROVED

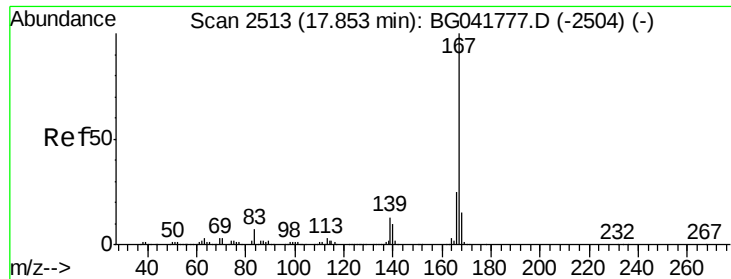
mohammad
8/1/2019 5:05:02 PM



#72
Anthracene
Concen: 8.940 ng
RT: 17.59 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.6	28.0
179	16.1	15.1	22.7





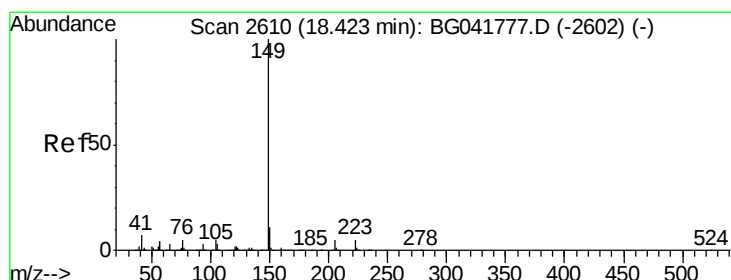
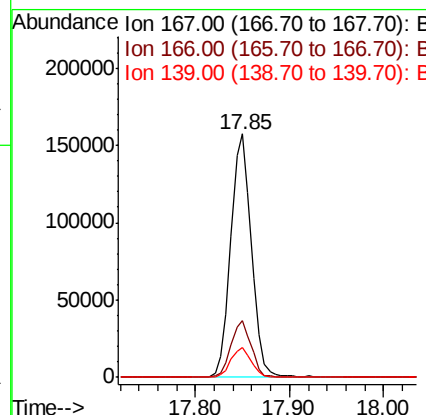
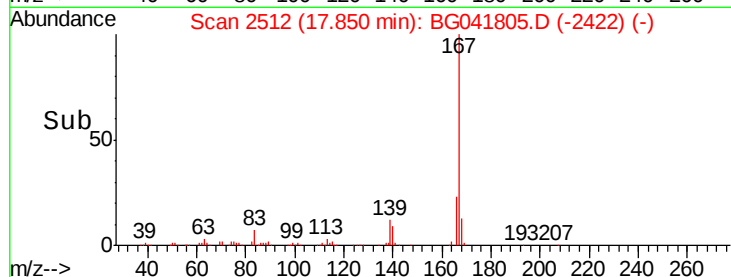
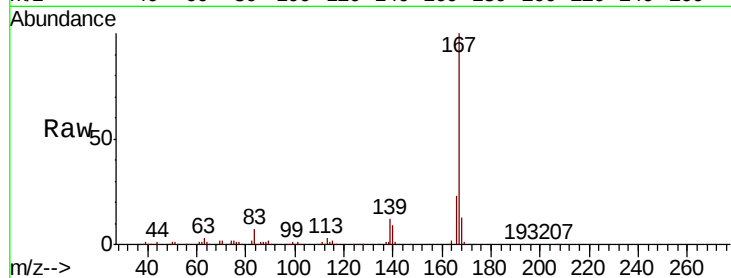
#73
 Carbazole
 Concen: 8.750 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	21.4	32.2
139	12.4	12.1	18.1

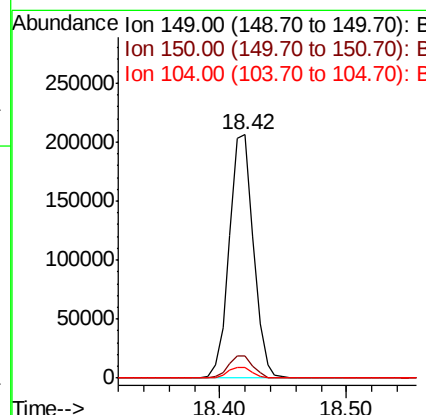
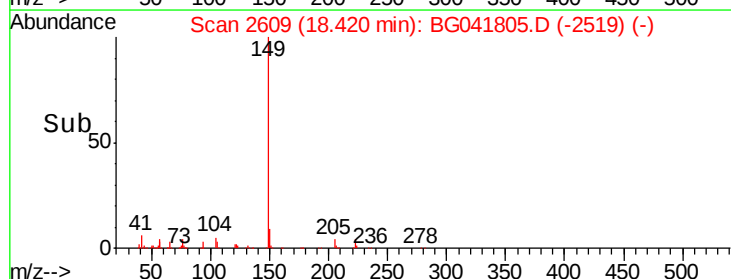
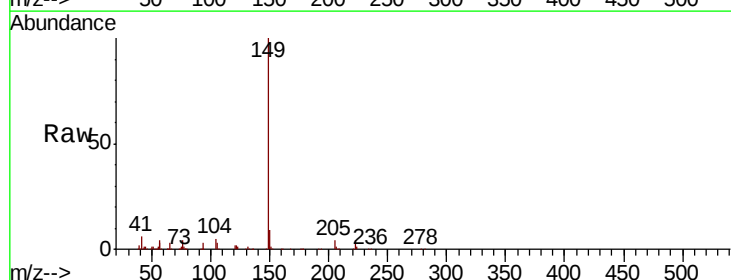
Manual Integrations
 APPROVED

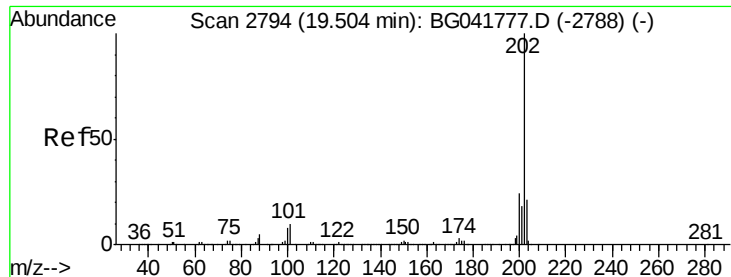
mohammad
 8/1/2019 5:05:02 PM



#74
 Di-n-butylphthalate
 Concen: 8.732 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	10.2	15.2#
104	4.6	5.3	7.9#





#75

Fluoranthene

Concen: 9.215 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

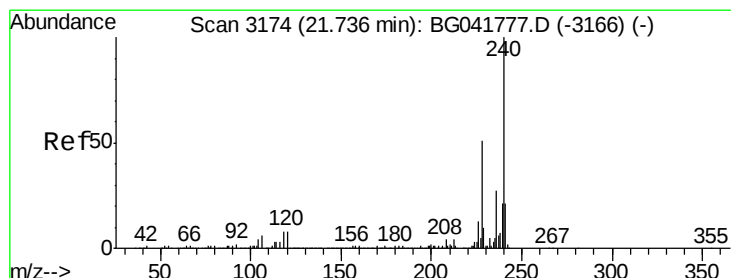
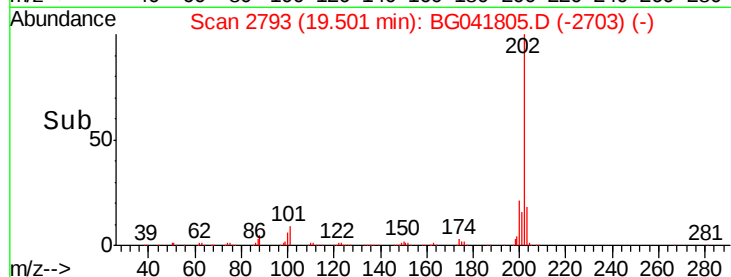
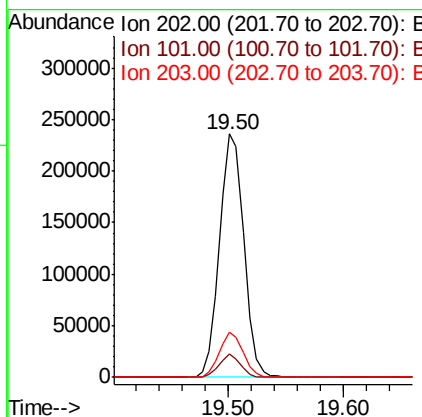
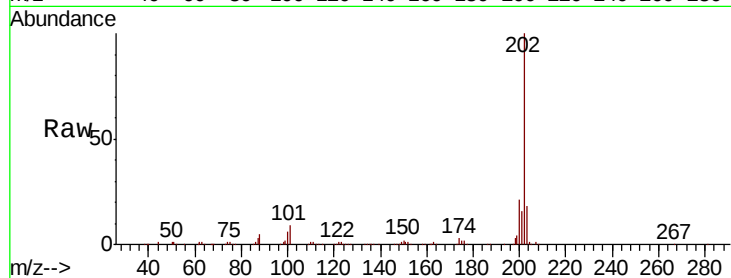
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	202	Resp:	343909
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	32.8
203	18.5	3.7	43.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#76

Chrysene-d12

Concen: 20.000 ng

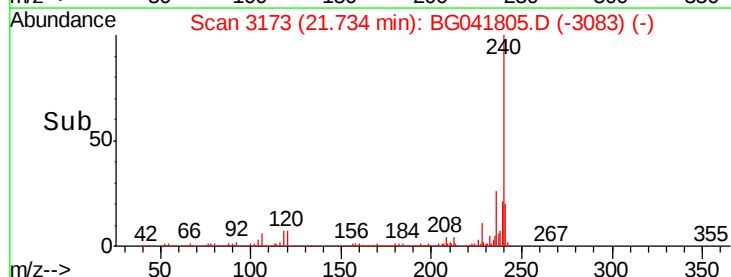
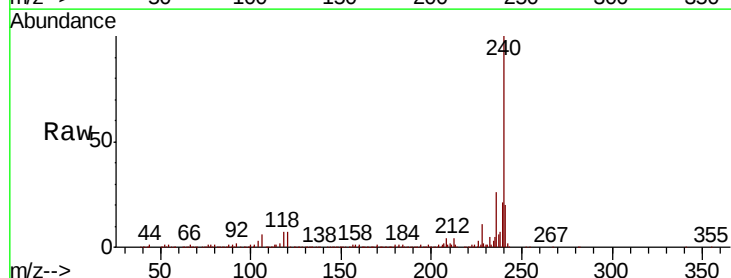
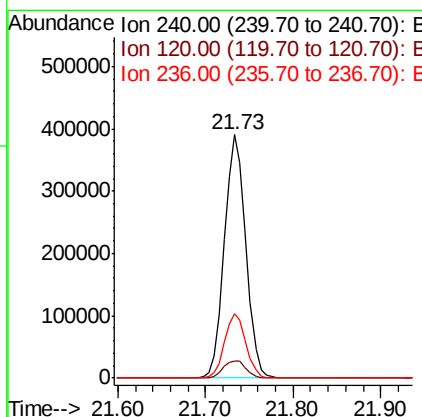
RT: 21.73 min Scan# 3173

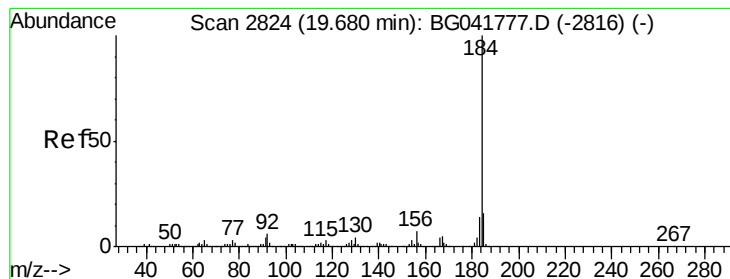
Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	240	Resp:	658366
Ion Ratio	Lower	Upper	
240	100		
120	7.2	8.0	12.0#
236	26.4	22.6	33.8





#77

Benzidine

Concen: 6.918 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

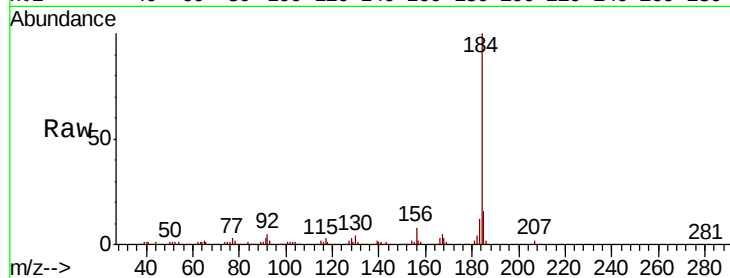
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

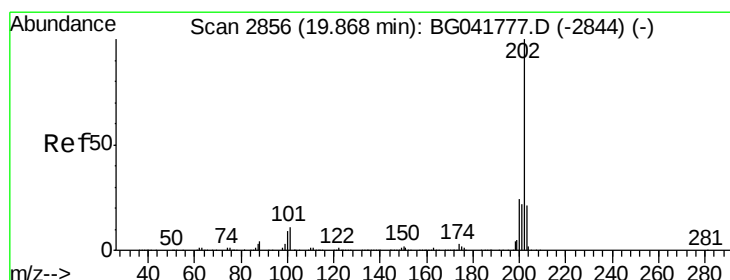
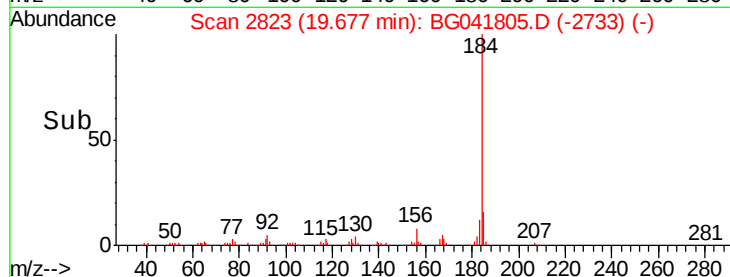
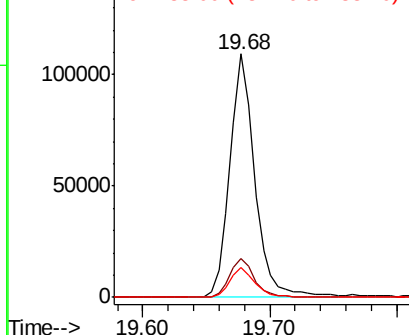
Tot Ion:	184	Resp:	148669
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.0	19.4
183	12.1	11.8	17.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



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



#78

Pyrene

Concen: 9.050 ng

RT: 19.87 min Scan# 2855

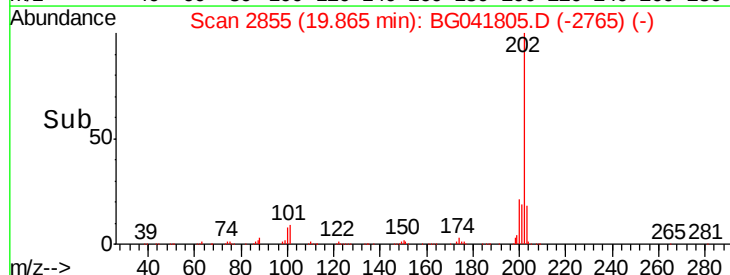
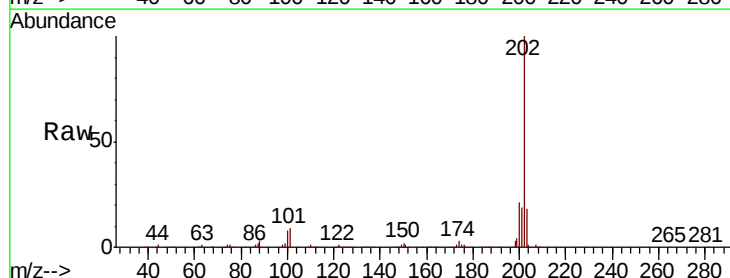
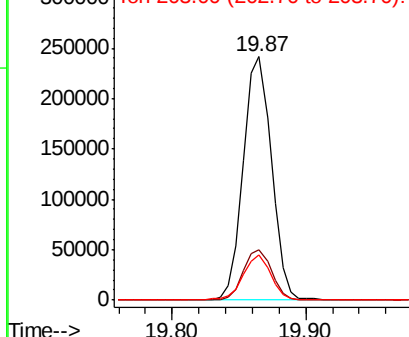
Delta R.T. -0.00 min

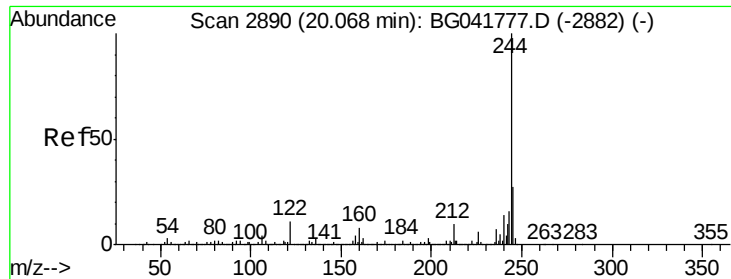
Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:	202	Resp:	353034
Ion Ratio	Lower	Upper	
202	100		
200	20.7	22.2	33.2#
203	18.5	18.9	28.3#

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





#79

Terphenyl-d14

Concen: 73.466 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

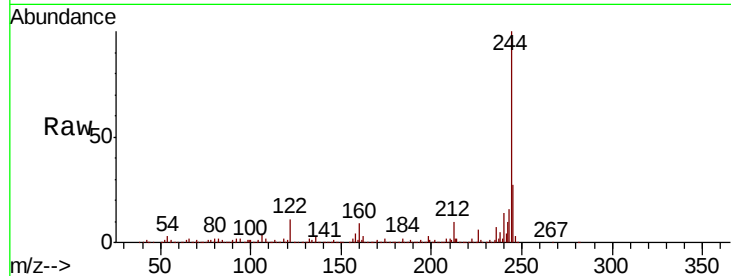
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	10.7	12.5	18.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

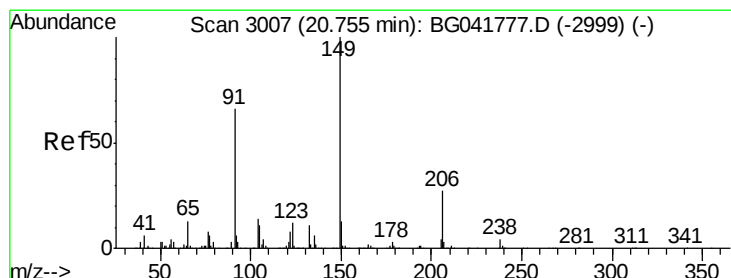
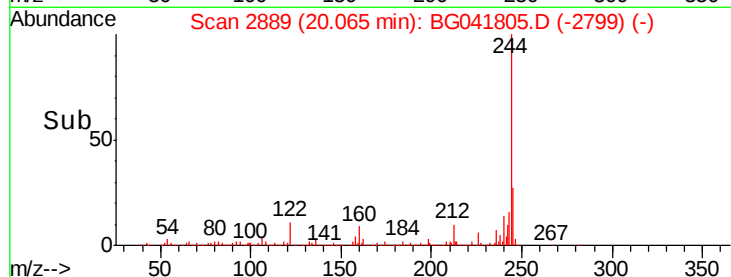
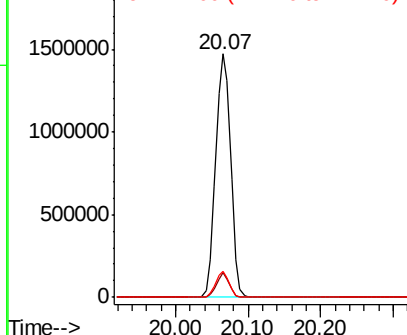


Abundance

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: 7.561 ng

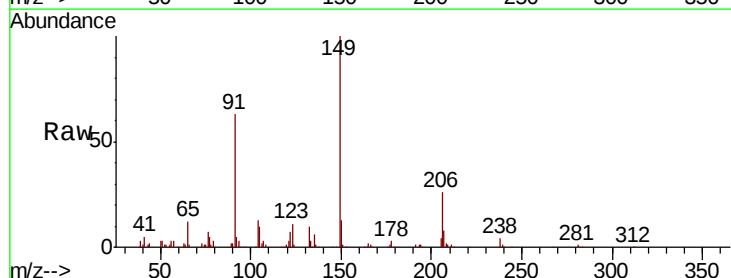
RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	58.9	88.3
206	26.1	20.8	31.2

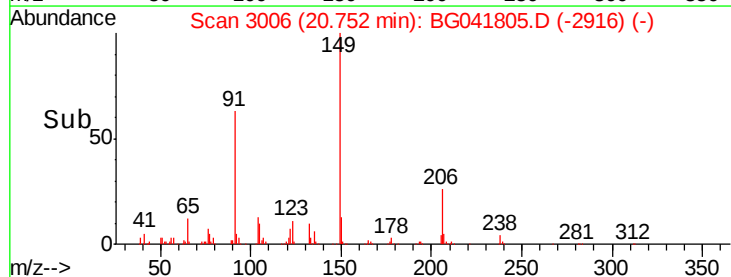
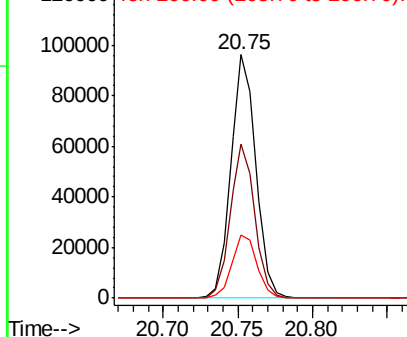


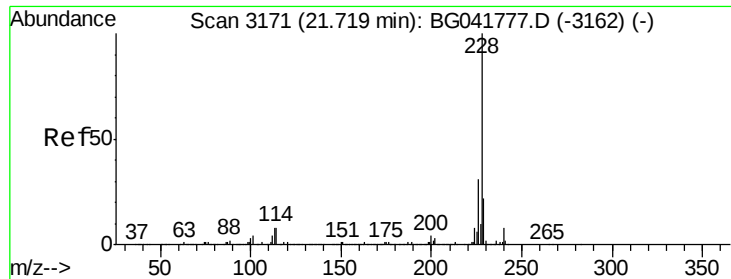
Abundance

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





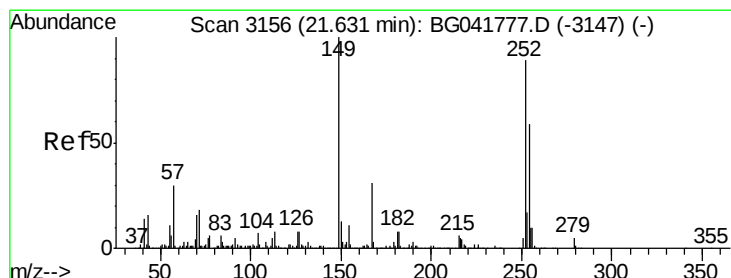
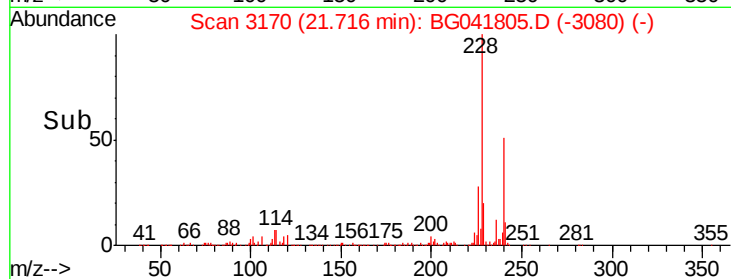
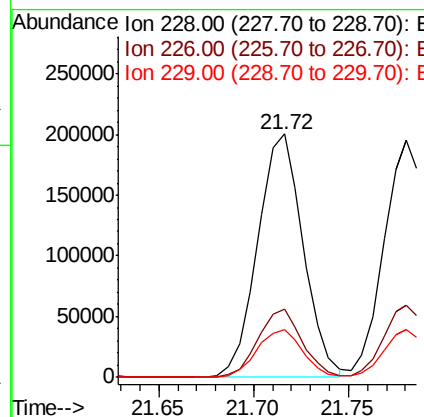
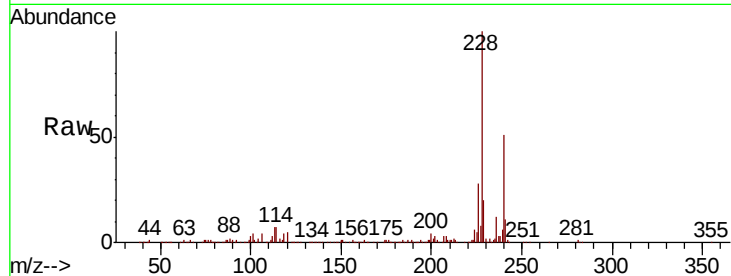
#81
Benzo(a)anthracene
Concen: 8.544 ng m
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	27.3	40.9
229	19.6	19.7	29.5

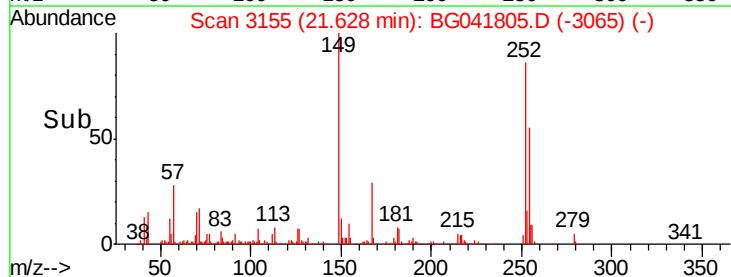
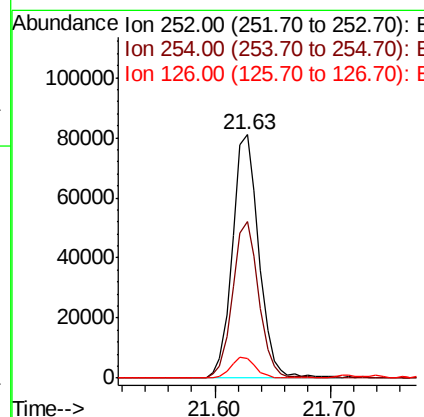
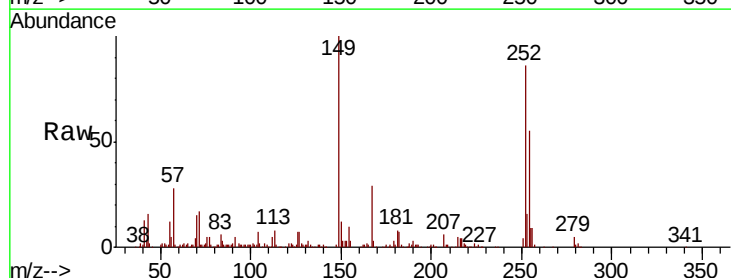
Manual Integrations
APPROVED

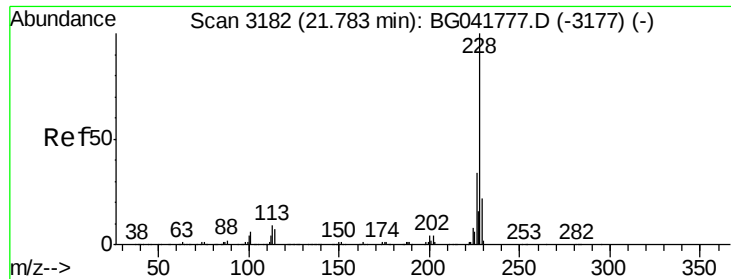
mohammad
8/1/2019 5:05:02 PM



#82
3,3'-Dichlorobenzidine
Concen: 8.203 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.8	80.6
126	8.0	7.8	11.8





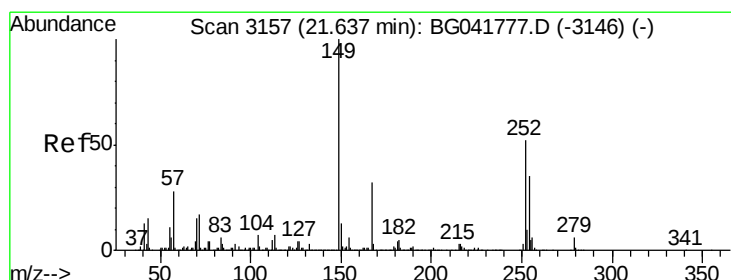
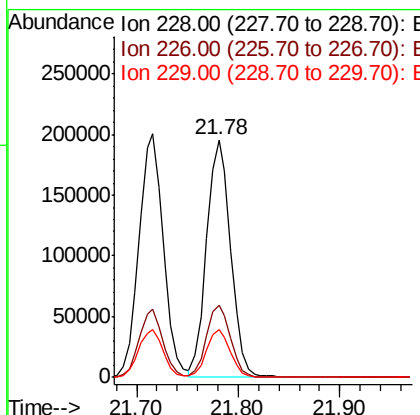
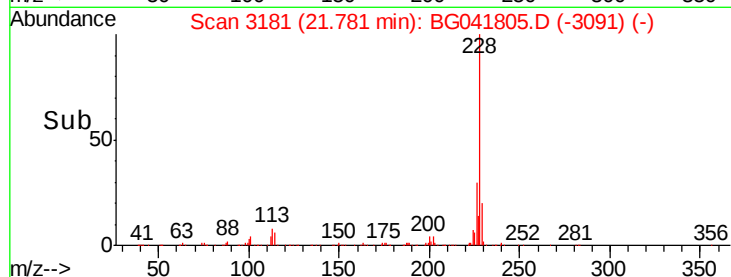
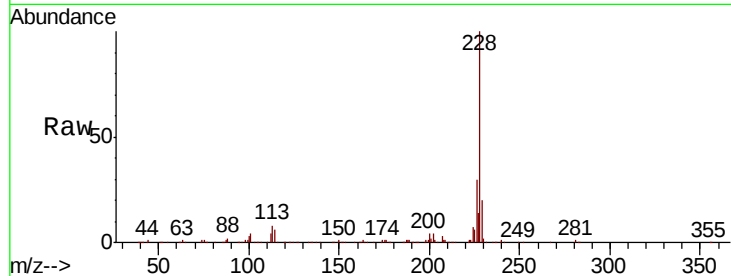
#83
Chrysene
Concen: 8.585 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	30.1	45.1
229	19.9	19.8	29.6

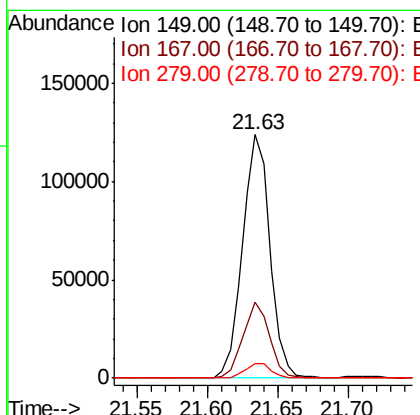
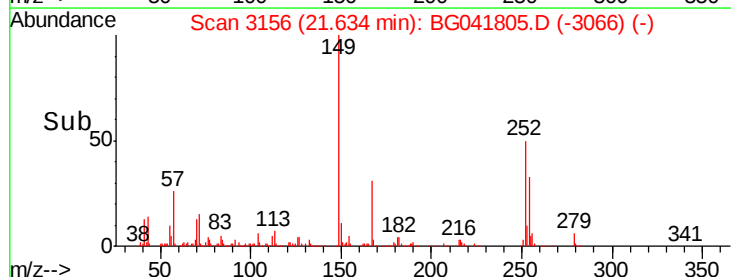
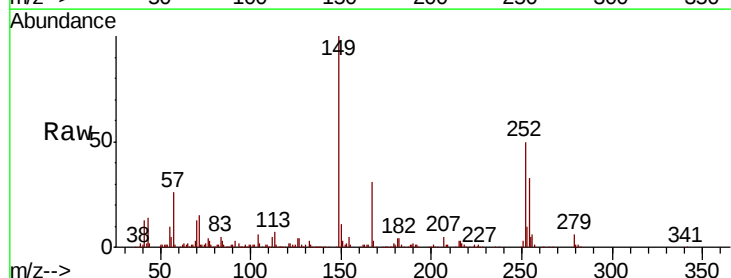
Manual Integrations
APPROVED

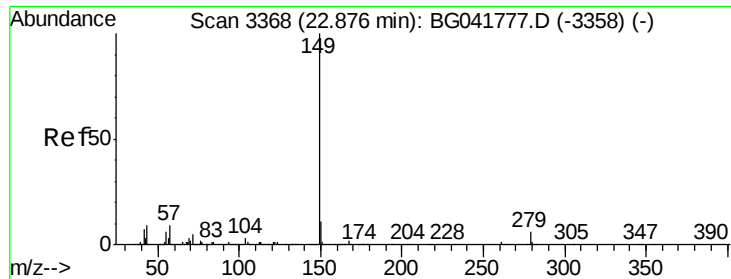
mohammad
8/1/2019 5:05:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.134 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	27.0	40.4
279	5.8	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 7.959 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

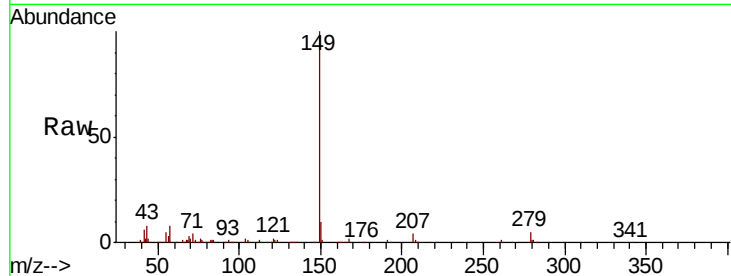
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

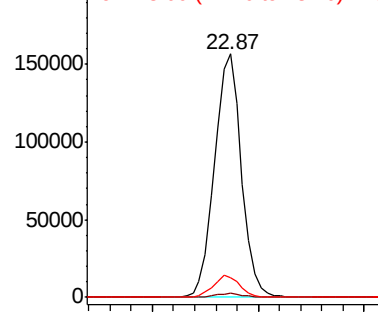
Tot Ion:	149	Resp:	276324
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.6	2.4
43	8.8	10.6	16.0#

Manual Integrations
APPROVED

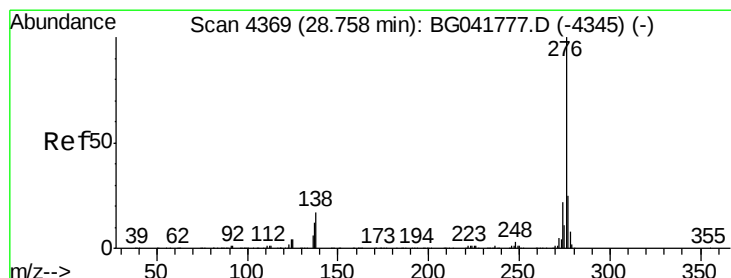
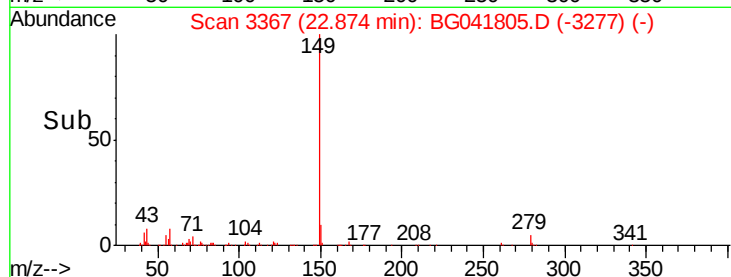
mohammad
8/1/2019 5:05:02 PM



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



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.548 ng

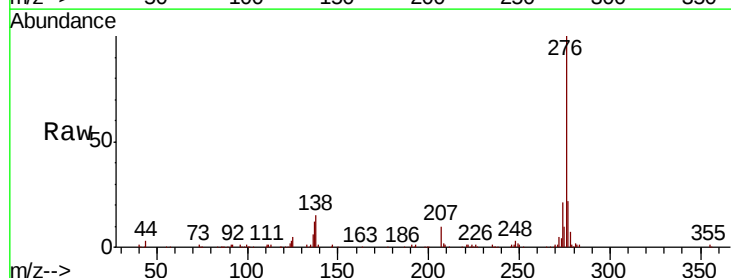
RT: 28.74 min Scan# 4365

Delta R.T. -0.02 min

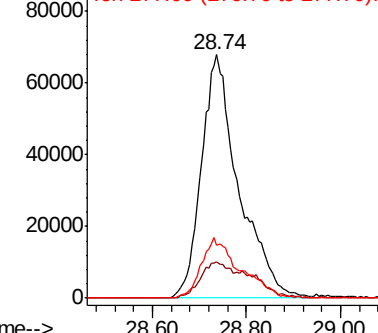
Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

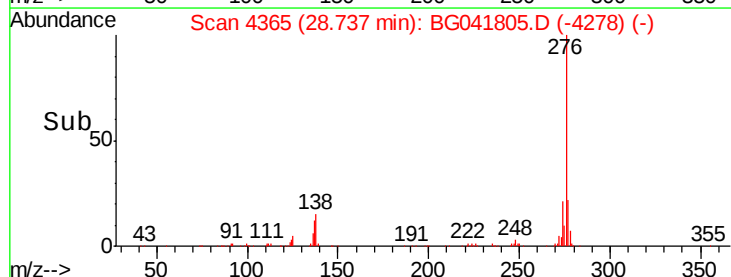
Tgt Ion:	276	Resp:	373086
Ion Ratio	Lower	Upper	
276	100		
138	13.1	19.4	29.0#
277	25.8	21.2	31.8

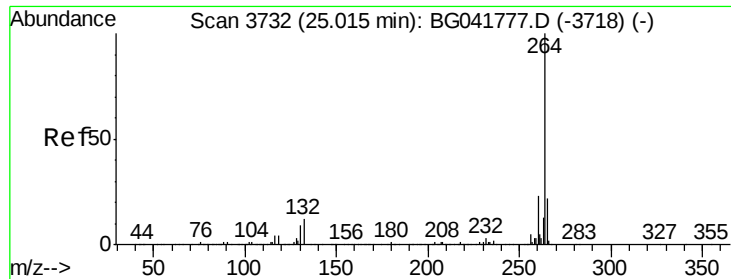


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





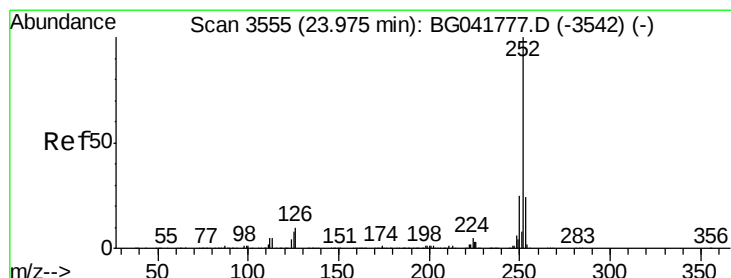
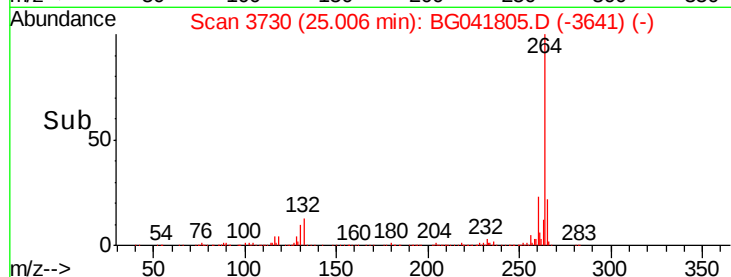
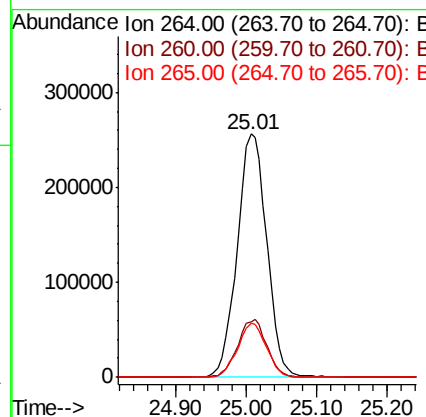
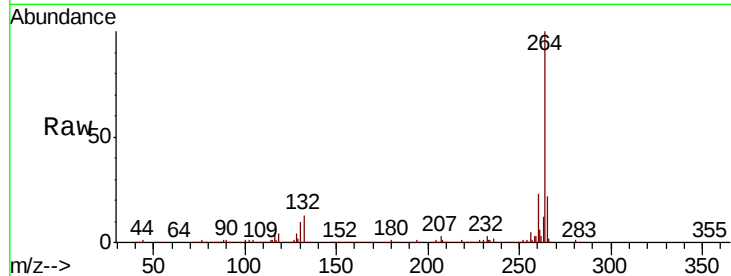
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.4	18.0	27.0

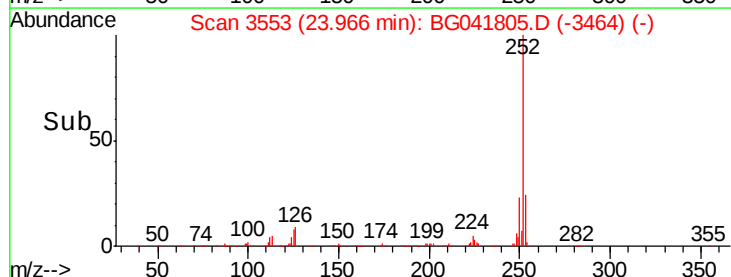
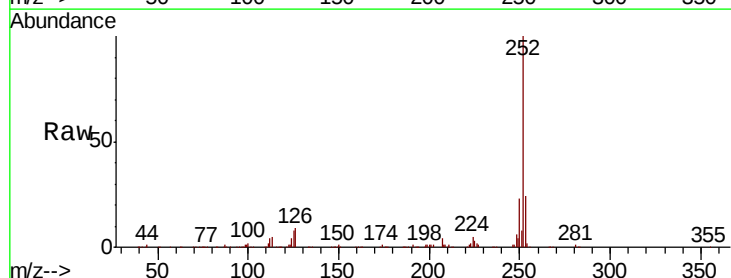
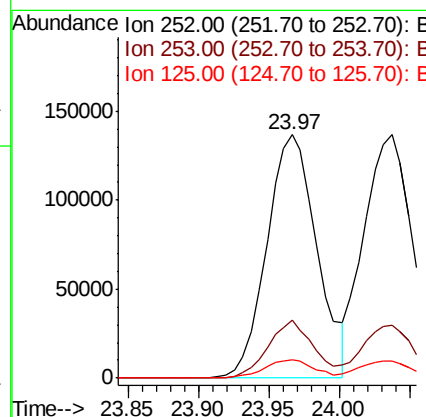
Manual Integrations
APPROVED

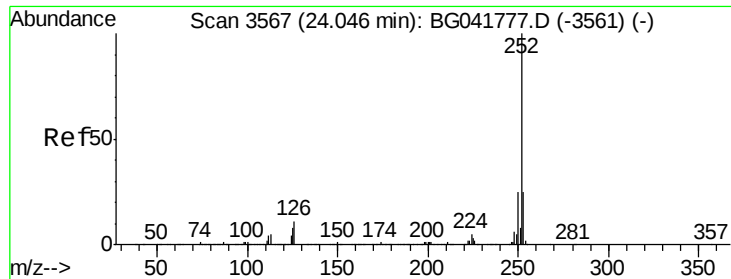
mohammad
8/1/2019 5:05:02 PM



#88
Benzo(b)fluoranthene
Concen: 8.293 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.6	30.8
125	7.6	8.0	12.0#





#89

Benzo(k)fluoranthene

Concen: 8.355 ng

RT: 24.04 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

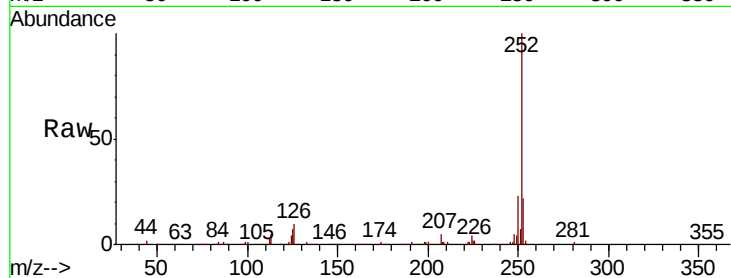
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.5	30.7
125	7.0	8.4	12.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM

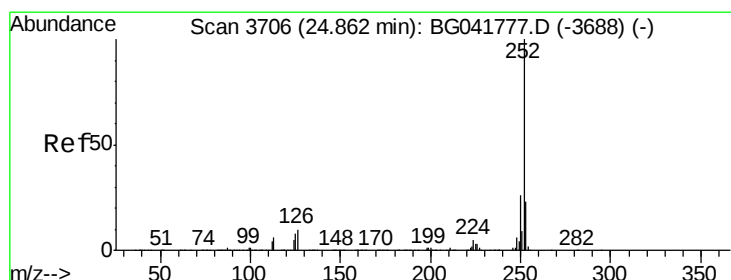
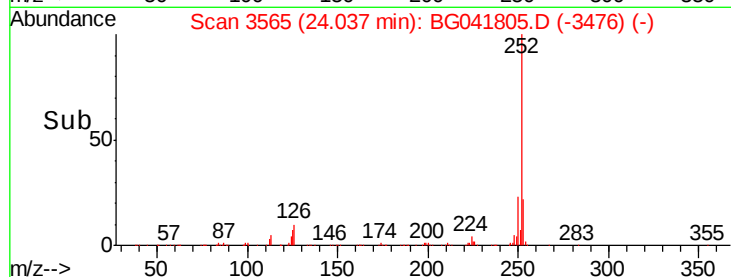
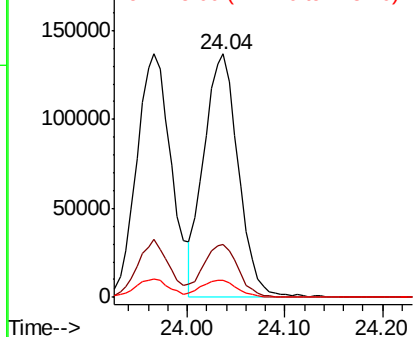


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.376 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

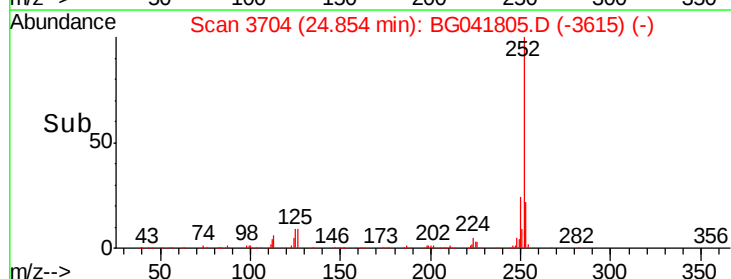
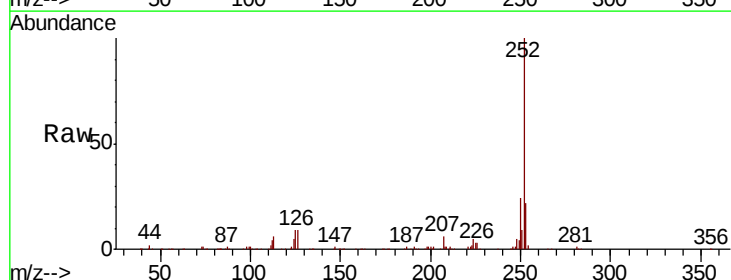
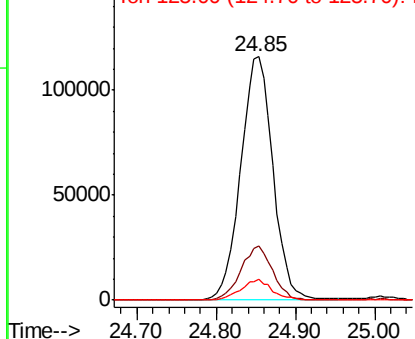
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.8	29.8
125	8.7	8.8	13.2

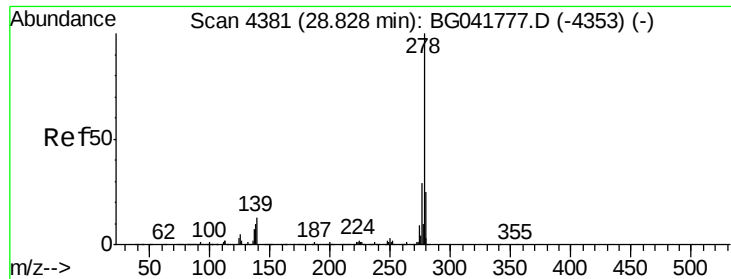
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





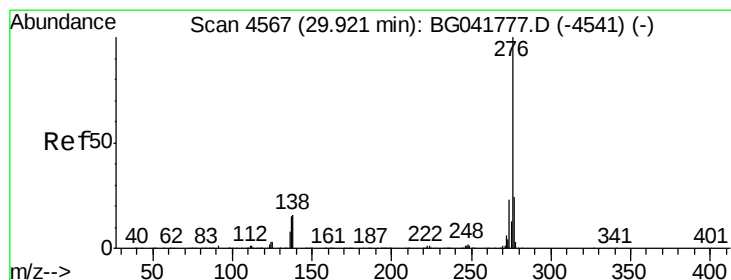
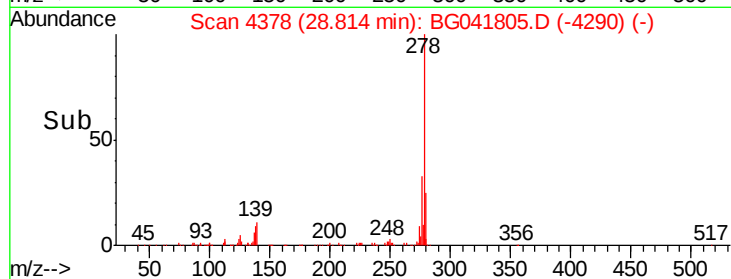
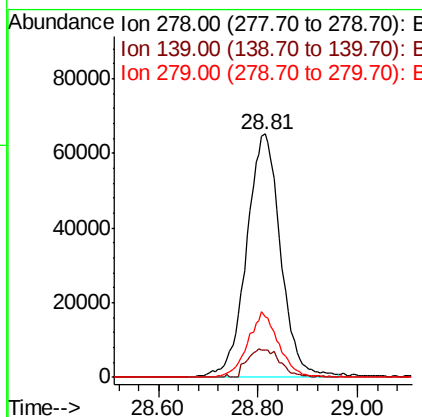
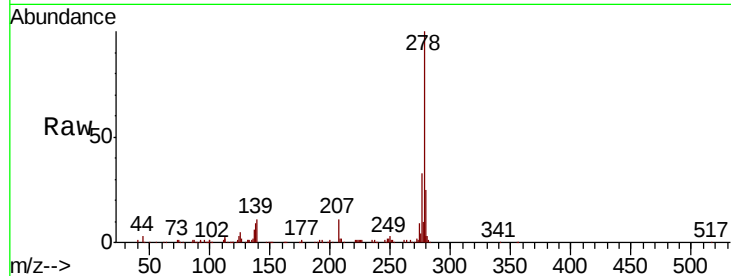
#91
Dibenzo(a,h)anthracene
Concen: 8.056 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	12.6	19.0#
279	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:02 PM



#92
Benzo(g,h,i)perylene
Concen: 7.805 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.02 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	15.1	16.6	25.0#

