

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045991.D
 Acq On : 9 Jul 2020 11:45
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:47:03 AM

Quant Time: Jul 09 13:00:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:56:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	147148	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	600816	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	350847	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	702103	20.00	ng	0.00
76) Chrysene-d12	21.62	240	637491	20.00	ng	-0.01
86) Perylene-d12	24.78	264	633672	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	841135	92.70	ng	0.00
7) Phenol-d6	7.16	99	1234207	94.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	881283	84.43	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	302800	92.99	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	1689501	75.11	ng	-0.01
79) Terphenyl-d14	19.98	244	1696950	59.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	35119	8.389	ng	98
3) Pyridine	3.91	79	76935	6.078	ng	97
4) n-Nitrosodimethylamine	3.82	42	31622	7.388	ng	# 87
6) Aniline	7.33	93	124226	7.433	ng	97
8) 2-Chlorophenol	7.57	128	68428	7.005	ng	96
9) Benzaldehyde	7.14	77	77447	9.357	ng	97
10) Phenol	7.18	94	93577	7.141	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	77175	7.122	ng	99
12) 1,3-Dichlorobenzene	7.90	146	78697	6.990	ng	94
13) 1,4-Dichlorobenzene	8.04	146	79380	7.167	ng	96
14) 1,2-Dichlorobenzene	8.36	146	75122	7.047	ng	95
15) Benzyl Alcohol	8.24	79	68018	6.640	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	99965	7.070	ng	97
17) 2-Methylphenol	8.44	107	63004	6.407	ng	98
18) Hexachloroethane	9.09	117	30491	7.155	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	66113	7.204	ng	94
20) 3+4-Methylphenols	8.76	107	86599	6.462	ng	94
22) Acetophenone	8.82	105	119840	7.466	ng	# 98
24) Nitrobenzene	9.20	77	90318	7.839	ng	99
25) Isophorone	9.72	82	170905	6.707	ng	98
26) 2-Nitrophenol	9.90	139	25470	6.782	ng	95
27) 2,4-Dimethylphenol	9.97	122	66514	7.333	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	101541	7.096	ng	99
29) 2,4-Dichlorophenol	10.44	162	61500	6.550	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	71571	6.879	ng	97
31) Naphthalene	10.86	128	232461	7.217	ng	98
32) Benzoic acid	10.03	122	21290m	4.335	ng	
33) 4-Chloroaniline	10.95	127	93166	6.473	ng	95
34) Hexachlorobutadiene	11.16	225	39155	6.446	ng	91
35) Caprolactam	11.69	113	21774	6.108	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	70291	6.573	ng	95
37) 2-Methylnaphthalene	12.45	142	164738	7.195	ng	98
38) 1-Methylnaphthalene	12.68	142	154098	7.132	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74281	7.511	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045991.D
 Acq On : 9 Jul 2020 11:45
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

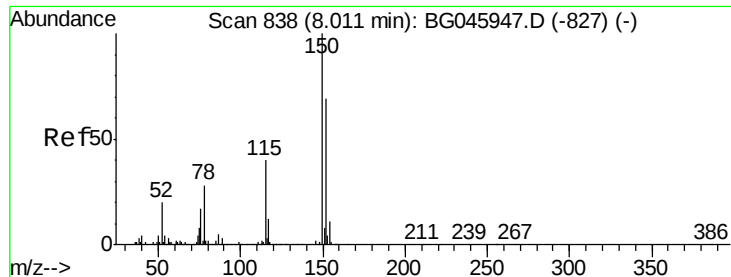
Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:47:03 AM

Quant Time: Jul 09 13:00:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:56:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	38661	6.588	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	43543	6.510	nq	99
44) 2,4,5-Trichlorophenol	13.12	196	48910	6.467	nq	96
46) 1,1'-Biphenyl	13.46	154	209291	7.930	nq	97
47) 2-Chloronaphthalene	13.51	162	147462	7.081	nq	99
48) 2-Nitroaniline	13.69	65	38648	7.930	nq	98
49) Acenaphthylene	14.35	152	245356	7.303	nq	95
50) Dimethylphthalate	14.08	163	178969	6.797	nq	98
51) 2,6-Dinitrotoluene	14.19	165	32579	7.974	nq	99
52) Acenaphthene	14.69	154	146083	6.893	nq	99
53) 3-Nitroaniline	14.51	138	36290	7.168	nq #	87
54) 2,4-Dinitrophenol	14.72	184	6874	4.770	nq #	58
55) Dibenzofuran	15.02	168	227356	7.319	nq	97
56) 4-Nitrophenol	14.82	139	26993	6.292	nq	90
57) 2,4-Dinitrotoluene	14.97	165	39327	7.790	nq #	98
58) Fluorene	15.67	166	183026	7.182	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.24	232	38161	6.536	nq	93
60) Diethylphthalate	15.44	149	185874	6.731	nq	96
61) 4-Chlorophenyl-phenylether	15.67	204	85868	6.773	nq	94
62) 4-Nitroaniline	15.67	138	39150	7.194	nq	96
63) Azobenzene	15.96	77	213085	7.190	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	11185	5.439	nq	97
66) n-Nitrosodiphenylamine	15.88	169	157963	7.260	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	50618	6.455	nq	95
68) Hexachlorobenzene	16.68	284	55387	7.039	nq	96
69) Atrazine	16.82	200	50756	7.890	nq	97
70) Pentachlorophenol	17.02	266	22152	5.063	nq	93
71) Phenanthrene	17.41	178	274616	7.398	nq	98
72) Anthracene	17.50	178	282214	7.492	nq	97
73) Carbazole	17.76	167	265777	7.039	nq #	93
74) Di-n-butylphthalate	18.34	149	308163	6.754	nq	96
75) Fluoranthene	19.41	202	314603	7.332	nq	96
77) Benzidine	19.59	184	153506	8.422	nq	97
78) Pyrene	19.78	202	326370	7.500	nq	93
80) Butylbenzylphthalate	20.68	149	125202	6.089	nq	97
81) Benzo(a)anthracene	21.61	228	299905	7.155	nq	92
82) 3,3'-Dichlorobenzidine	21.52	252	107875	6.965	nq #	92
83) Chrysene	21.67	228	276459	6.923	nq	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	190140	6.370	nq	95
85) Di-n-octyl phthalate	22.75	149	308517	5.956	nq	98
87) Indeno(1,2,3-cd)pyrene	28.34	276	312606	6.743	nq #	84
88) Benzo(b)fluoranthene	23.78	252	276350	6.870	nq	98
89) Benzo(k)fluoranthene	23.84	252	285979	7.519	nq	97
90) Benzo(a)pyrene	24.63	252	256500	6.781	nq	95
91) Dibenzo(a,h)anthracene	28.41	278	259167	6.931	nq	99
92) Benzo(g,h,i)perylene	29.45	276	263425	7.001	nq	96

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



#1

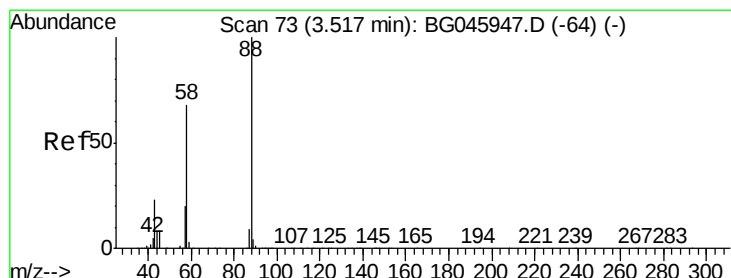
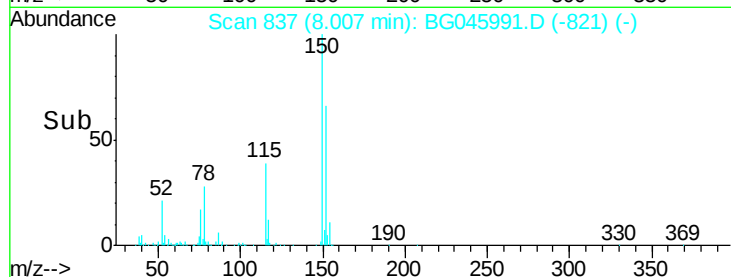
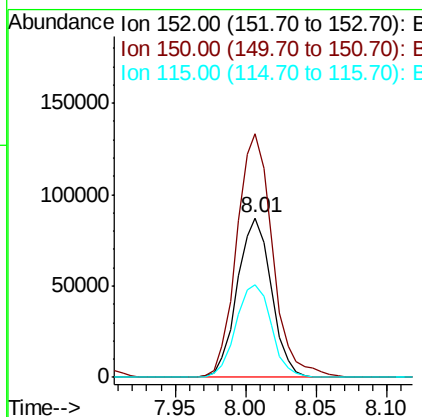
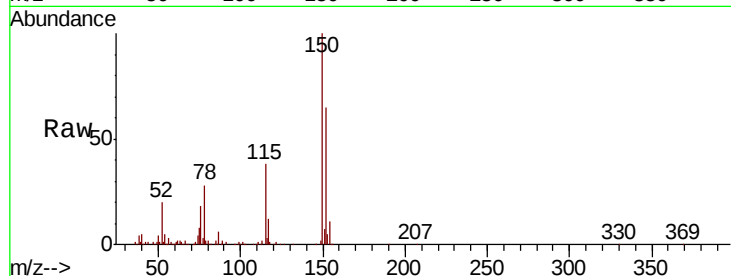
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	116.7	175.1
115	58.2	47.4	71.0

Manual Integrations
APPROVED

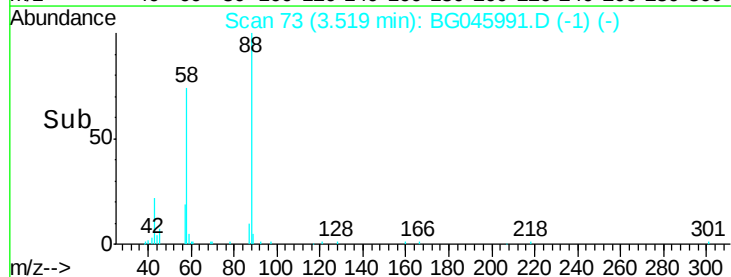
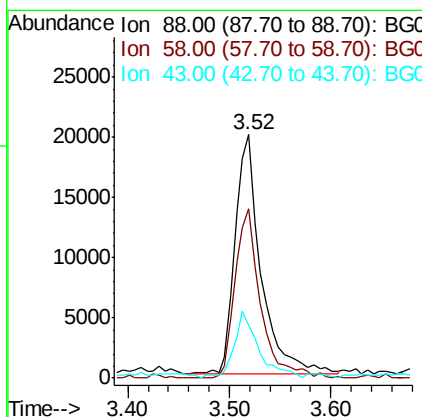
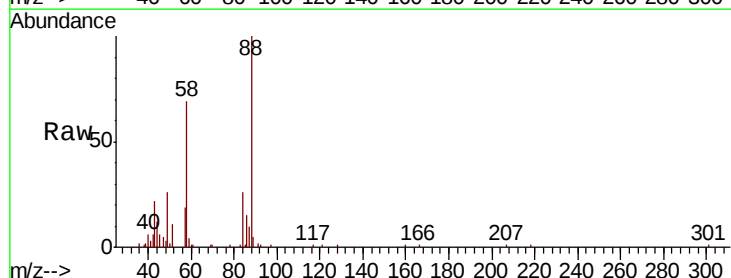
mohammad
7/10/2020 11:47:03 AM

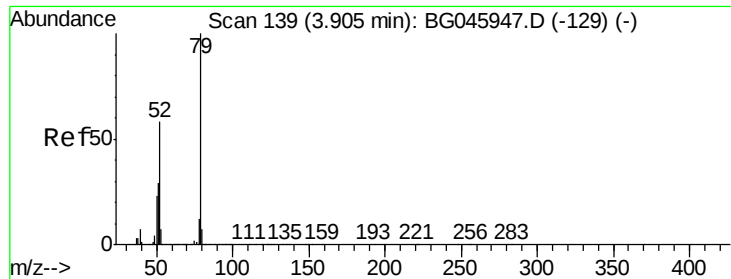


#2

1,4-Dioxane
Concen: 8.389 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.2	82.8
43	26.5	19.4	29.0





#3

Pvridine

Concen: 6.078 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

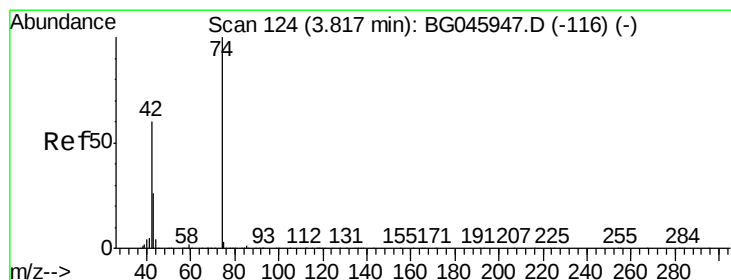
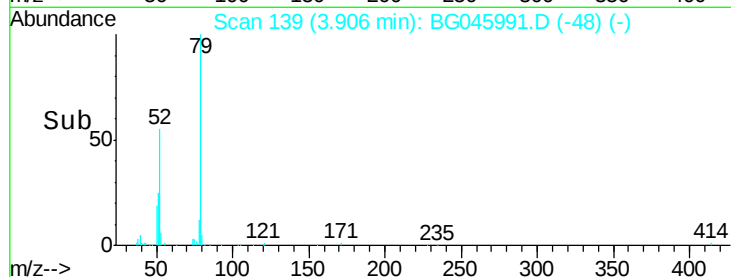
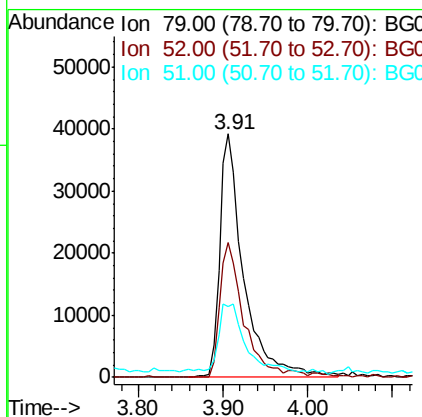
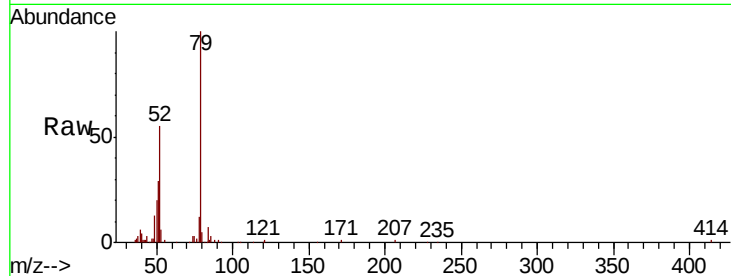
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	55.4	46.5	69.7		
51	28.9	23.5	35.3		

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#4

n-Nitrosodimethylamine

Concen: 7.388 ng

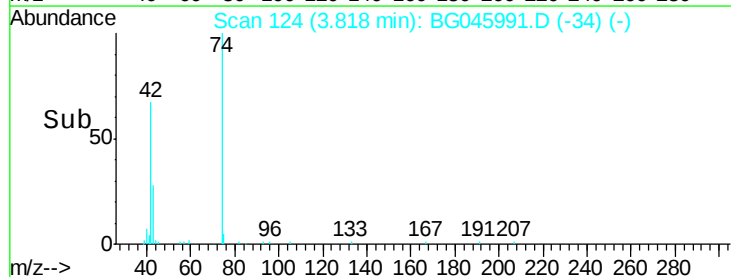
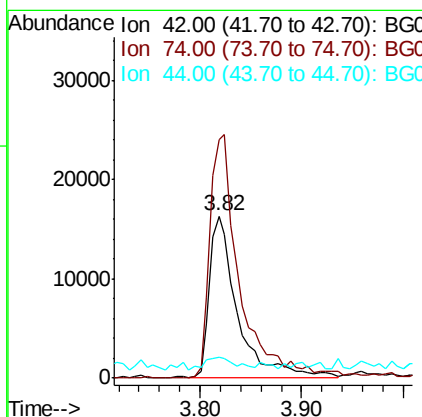
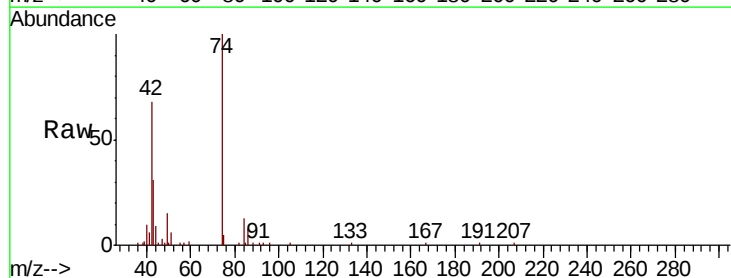
RT: 3.82 min Scan# 124

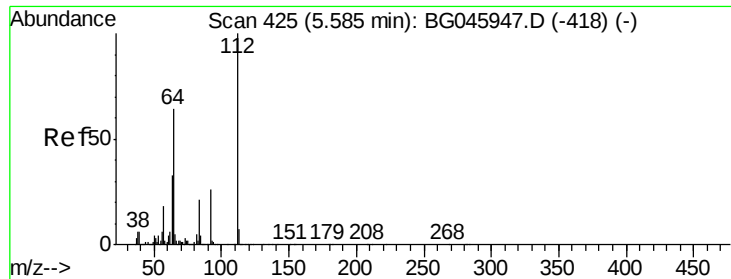
Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	146.9	131.9	197.9		
44	13.1	7.7	11.5		





#5

2-Fluorophenol

Concen: 92.699 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

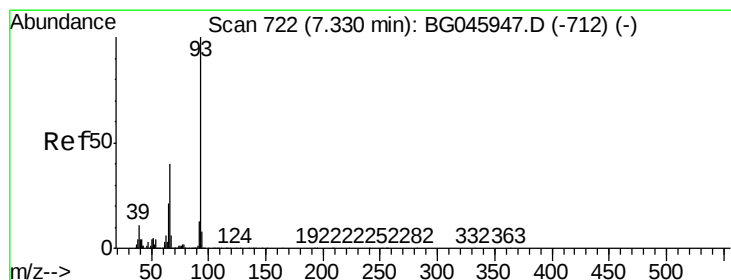
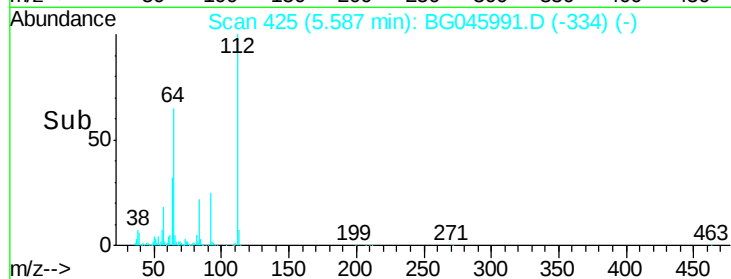
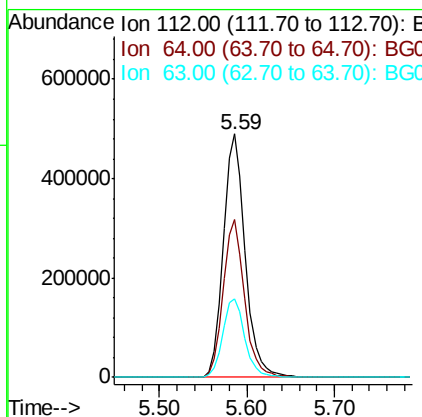
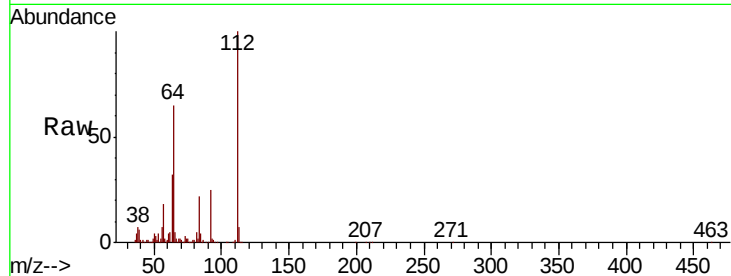
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	112	Resp:	841135
Ion Ratio	Lower	Upper	
112	100		
64	64.7	51.4	77.2
63	32.2	26.6	40.0

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#6

Aniline

Concen: 7.433 ng

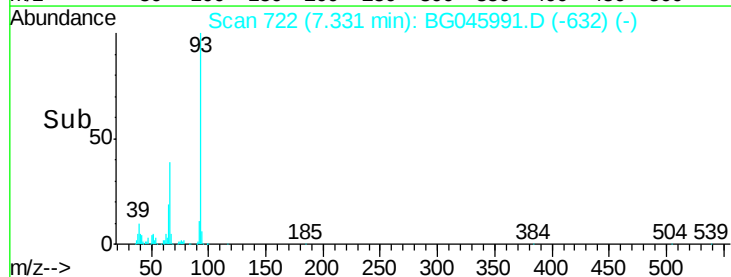
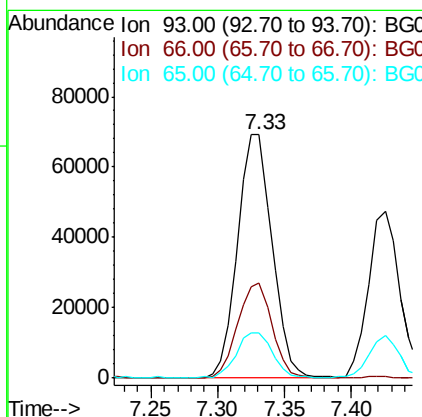
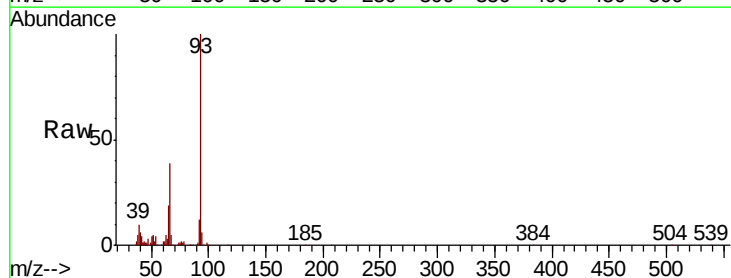
RT: 7.33 min Scan# 722

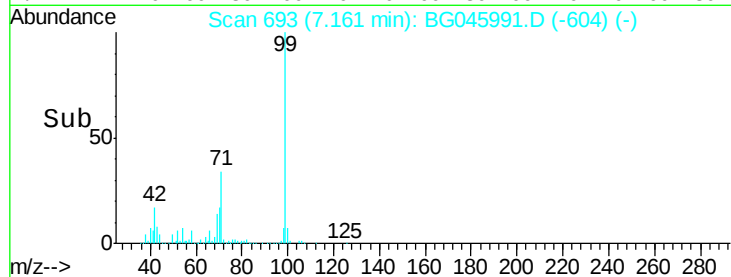
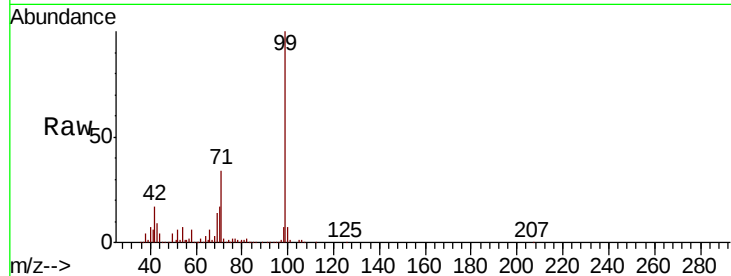
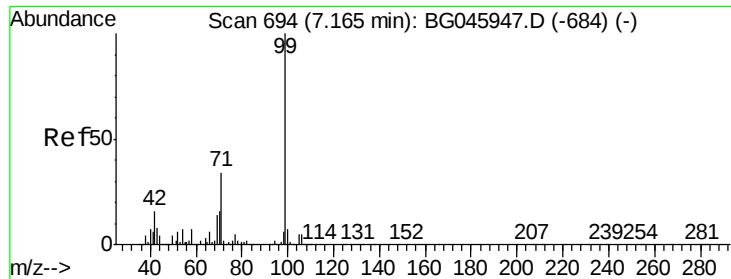
Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	93	Resp:	124226
Ion Ratio	Lower	Upper	
93	100		
66	39.2	32.3	48.5
65	18.7	16.6	25.0





#7

Phenol-d6

Concen: 94.476 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tot Ion:	99	Resp:	1234207
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.4
71	34.1	27.5	41.3

Instrument :

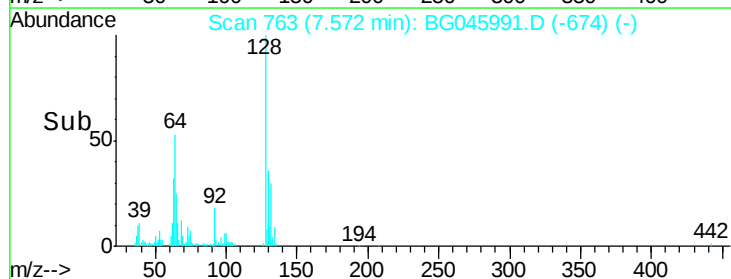
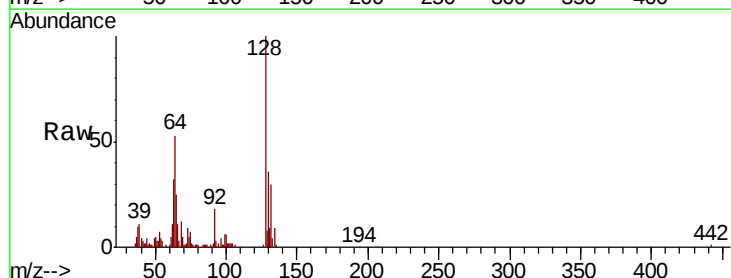
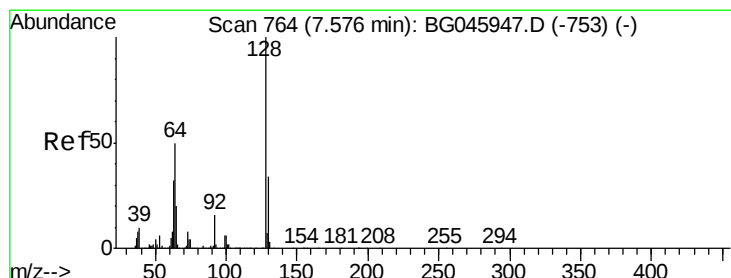
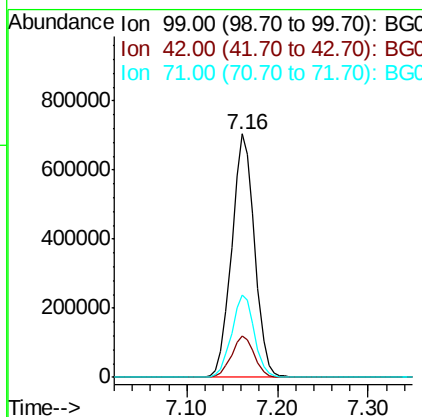
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#8

2-Chlorophenol

Concen: 7.005 ng

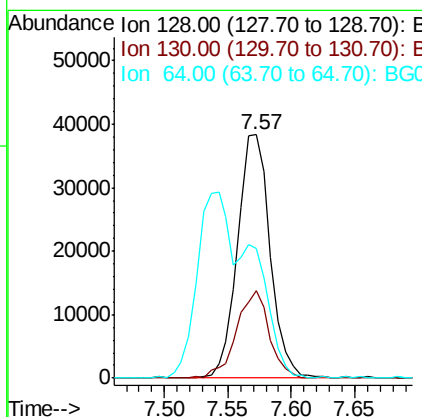
RT: 7.57 min Scan# 763

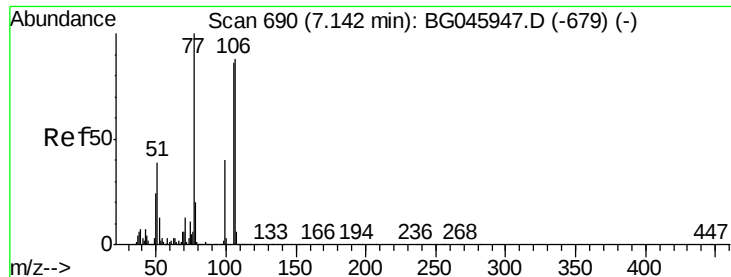
Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	128	Resp:	68428
Ion	Ratio	Lower	Upper
128	100		
130	35.8	13.6	53.6
64	53.2	30.6	70.6





#9

Benzaldehyde

Concen: 9.357 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

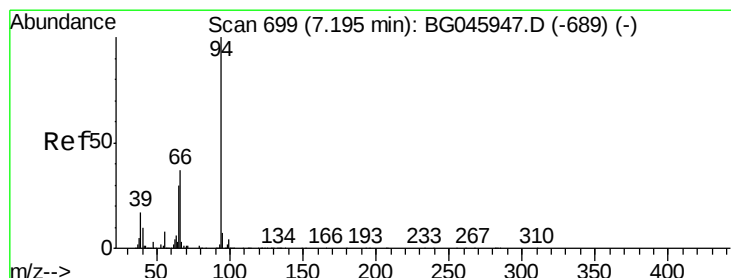
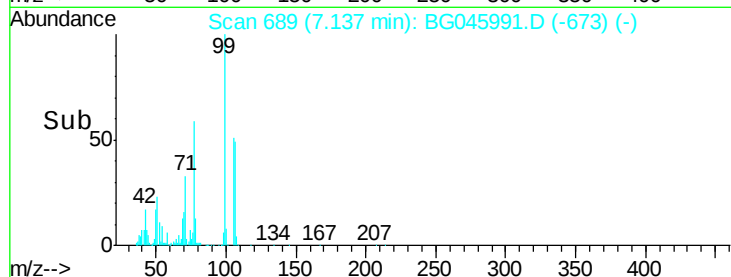
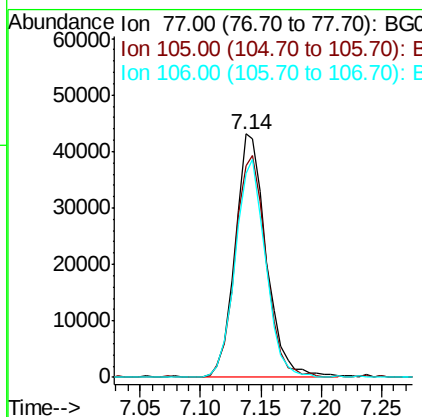
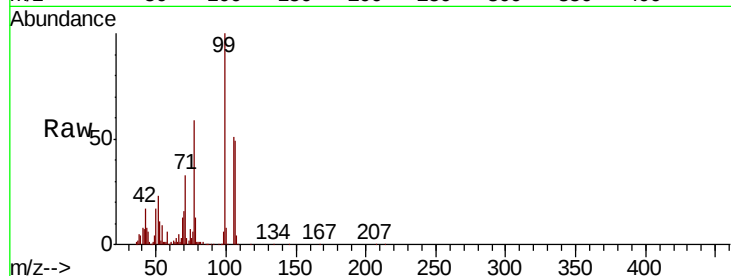
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	77	Resp:	77447
Ion	Ratio	Lower	Upper
77	100		
105	86.9	66.0	106.0
106	83.7	67.7	107.7

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#10

Phenol

Concen: 7.141 ng

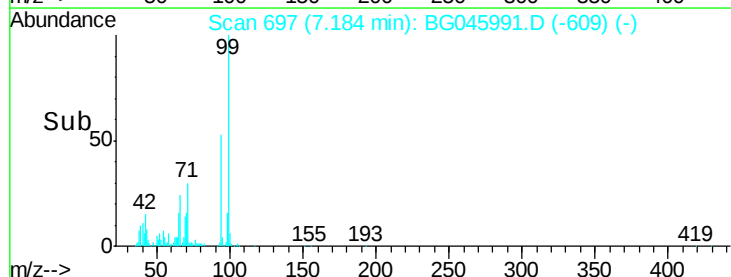
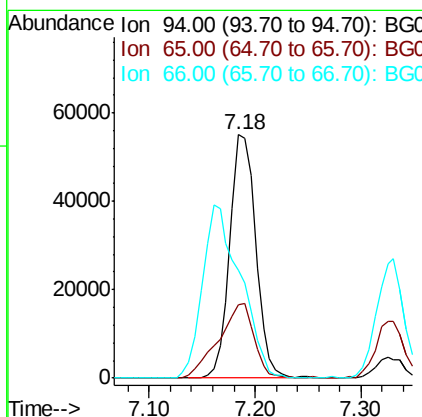
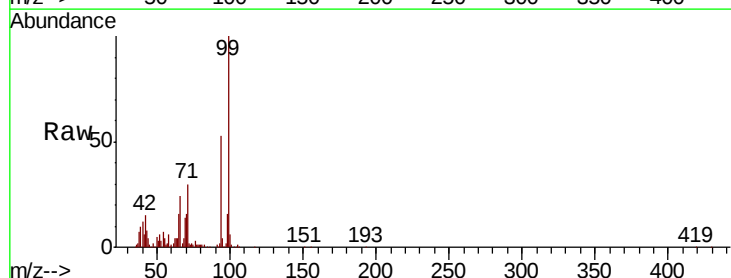
RT: 7.18 min Scan# 697

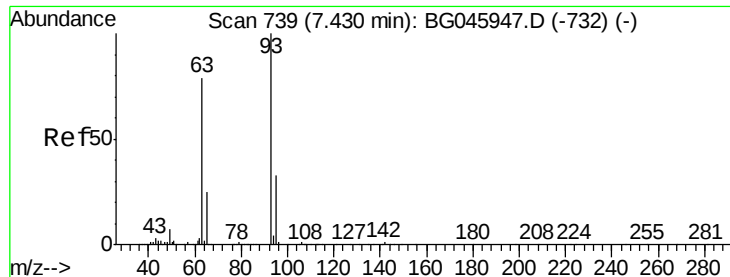
Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	94	Resp:	93577
Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.6	50.6
66	44.5	17.1	57.1





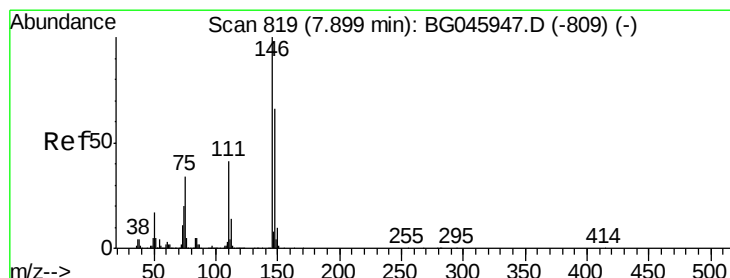
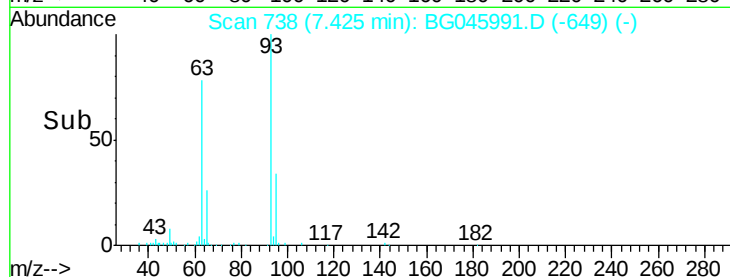
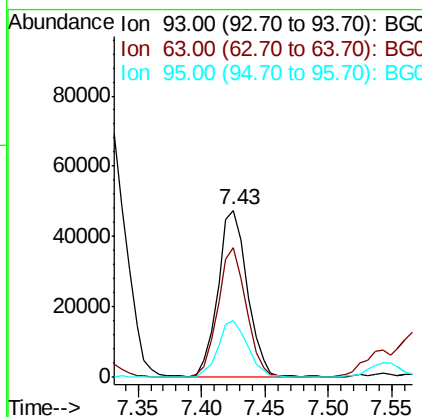
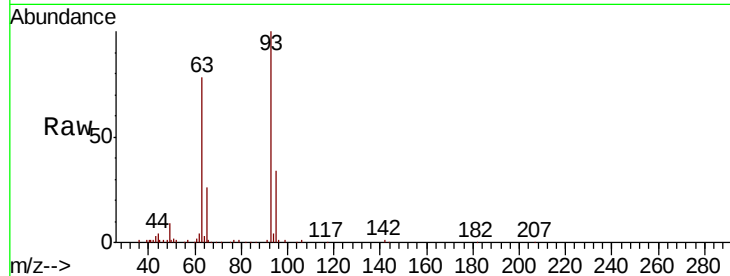
#11
bis(2-Chloroethyl)ether
Concen: 7.122 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	77.9	58.6	98.6		
95	34.3	13.3	53.3		

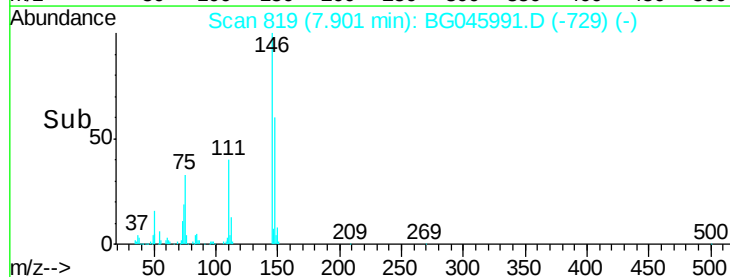
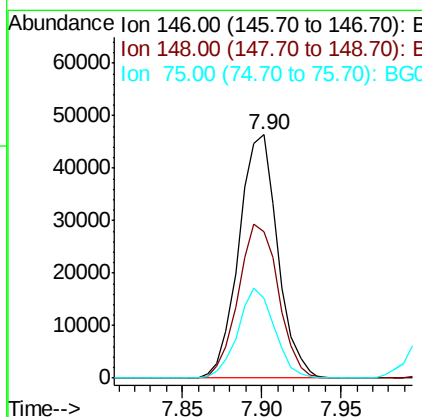
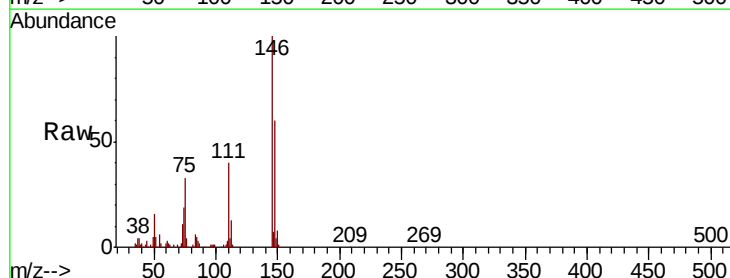
Manual Integrations
APPROVED

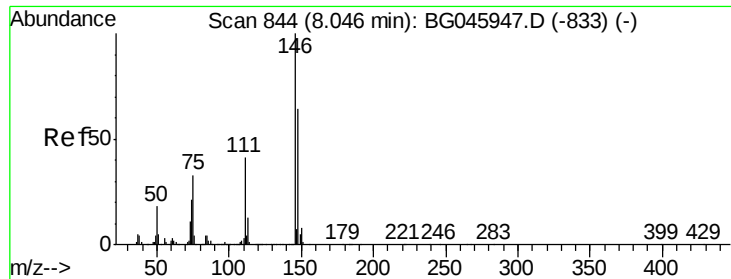
mohammad
7/10/2020 11:47:03 AM



#12
1,3-Dichlorobenzene
Concen: 6.990 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	59.9	52.8	79.2		
75	32.9	27.2	40.8		





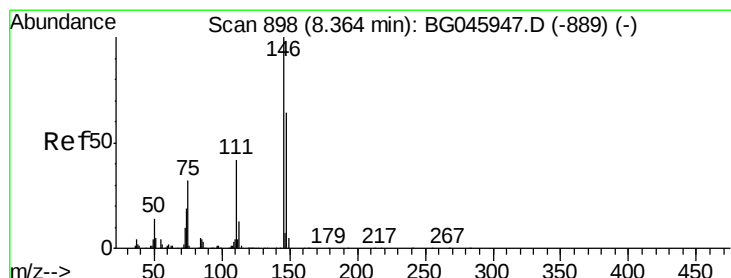
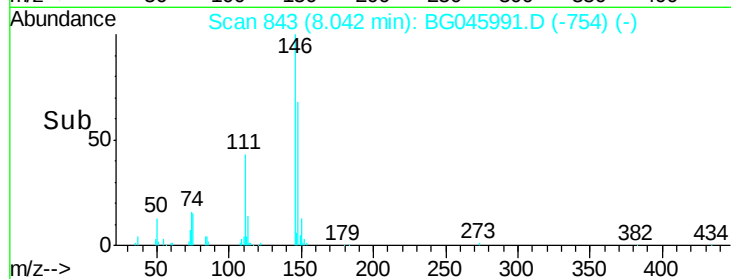
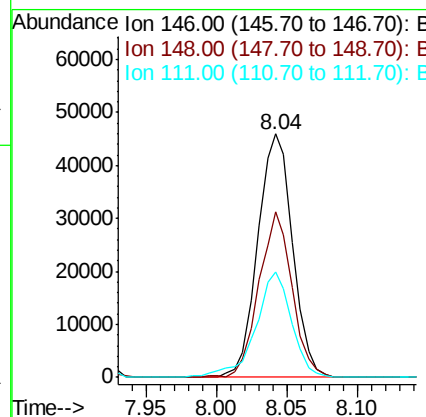
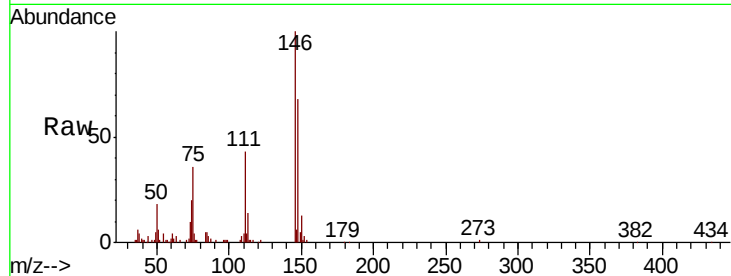
#13
1,4-Dichlorobenzene
Concen: 7.167 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.7	77.5
111	43.1	33.3	49.9

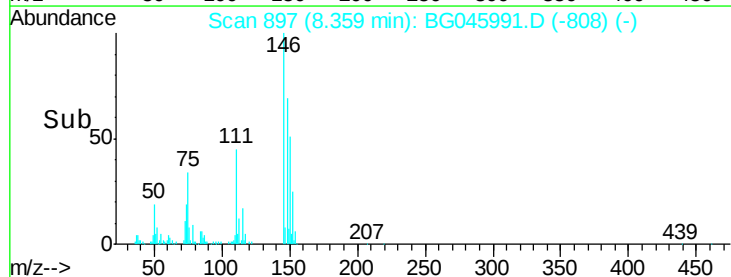
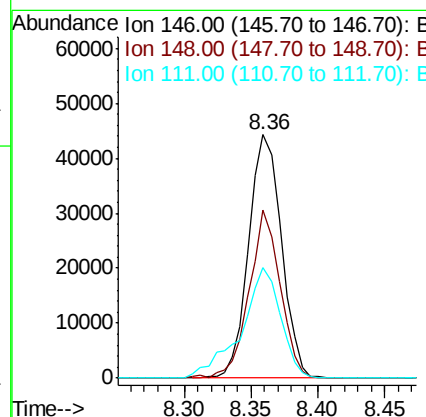
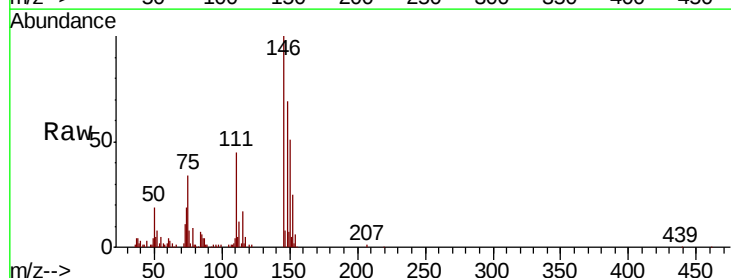
Manual Integrations
APPROVED

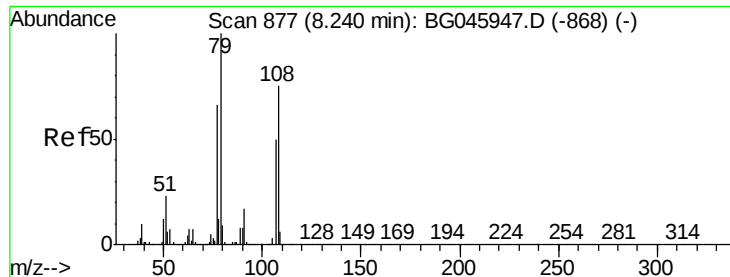
mohammad
7/10/2020 11:47:03 AM



#14
1,2-Dichlorobenzene
Concen: 7.047 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	51.6	77.4
111	45.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 6.640 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

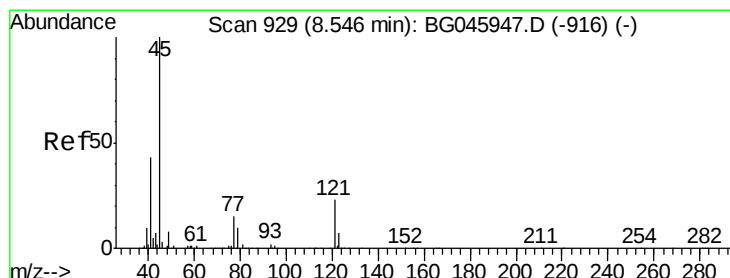
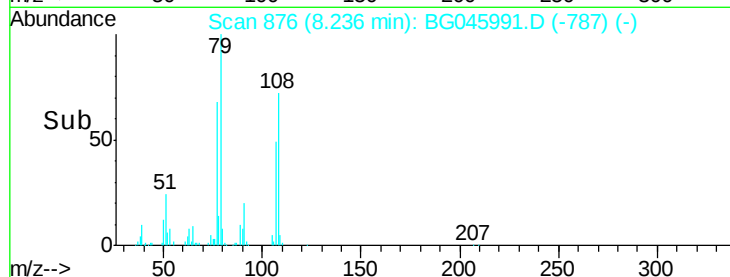
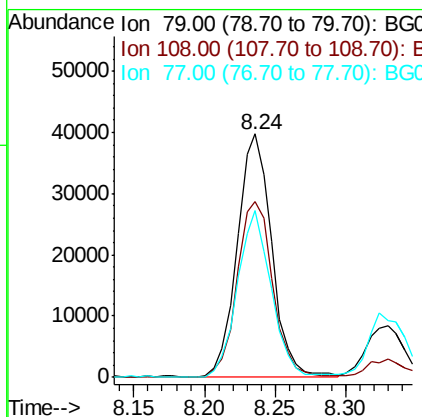
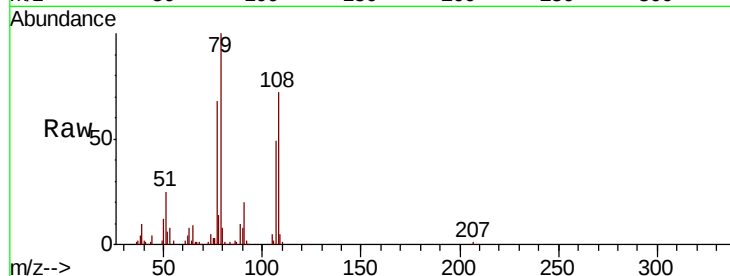
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	79	Resp:	68018
Ion Ratio	Lower	Upper	
79	100		
108	72.3	60.2	90.4
77	68.5	52.9	79.3

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.070 ng

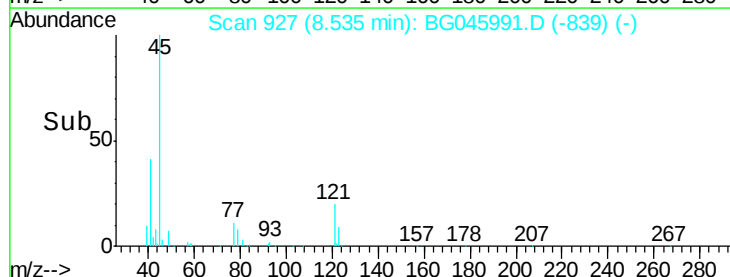
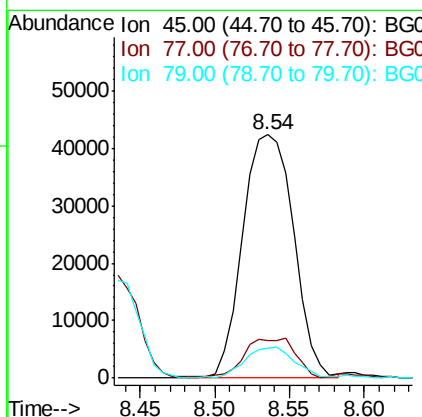
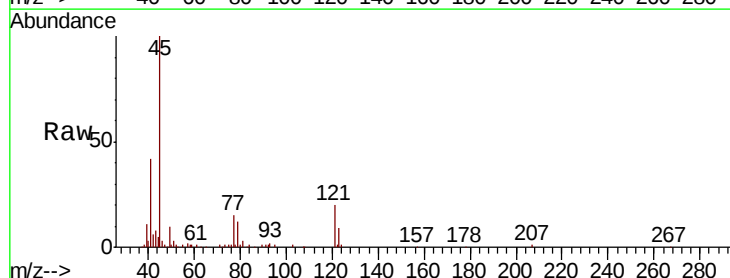
RT: 8.54 min Scan# 927

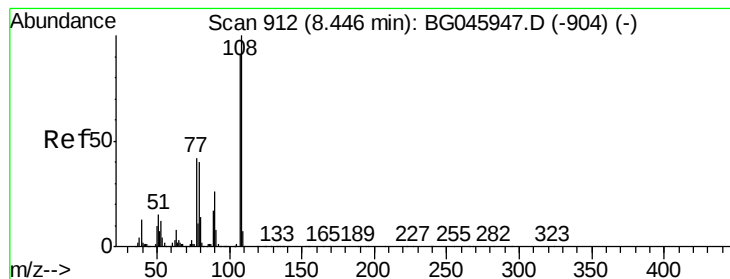
Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	45	Resp:	99965
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	37.6
79	12.2	0.0	32.6





#17

2-Methylphenol

Concen: 6.407 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

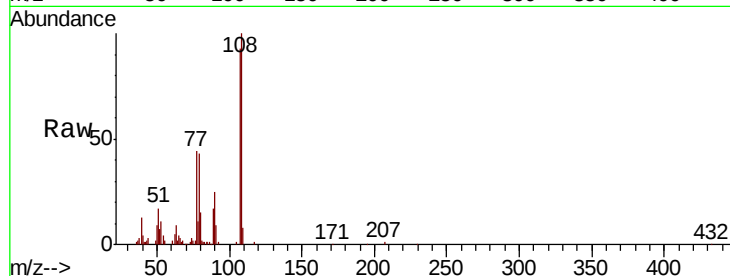
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	107	Resp:	63004
Ion	Ratio	Lower	Upper
107	100		
108	107.5	88.2	132.4
77	47.6	37.0	55.4
79	45.7	35.4	53.0

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



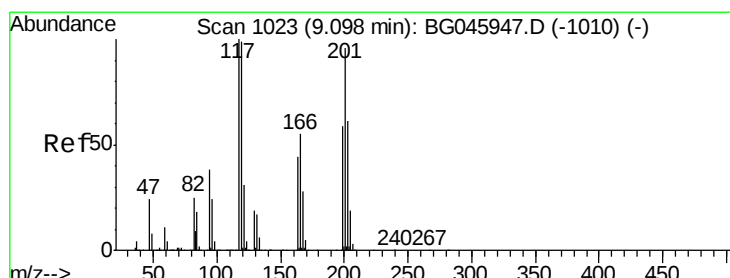
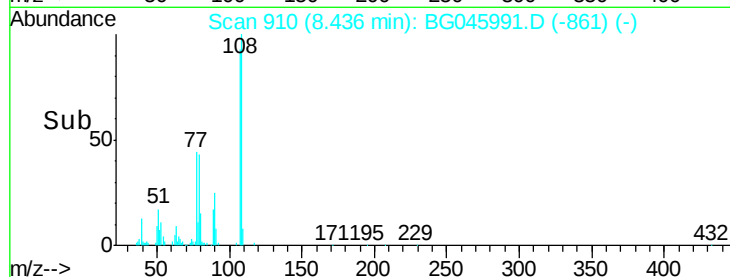
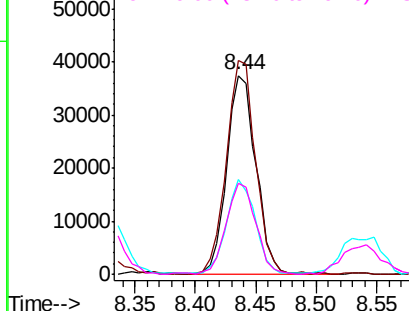
Abundance

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: 7.155 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

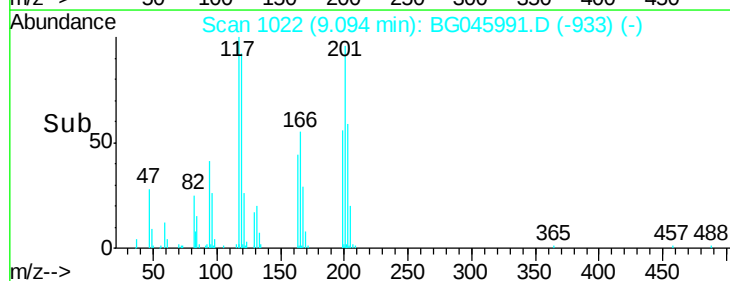
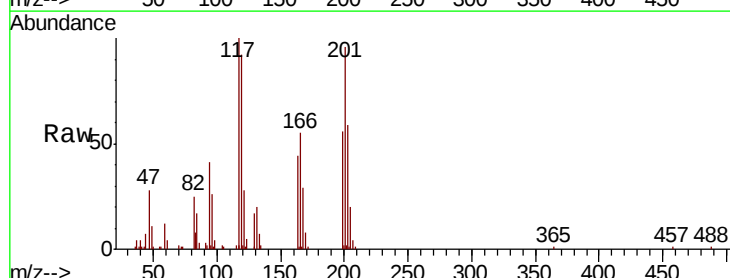
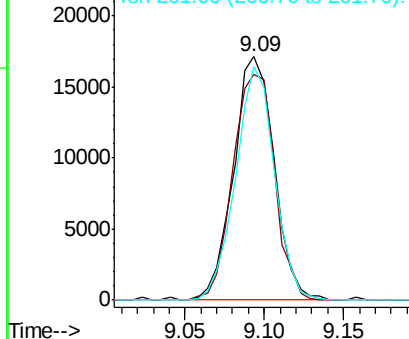
Tgt Ion:	117	Resp:	30491
Ion	Ratio	Lower	Upper
117	100		
119	92.5	79.5	119.3
201	95.7	77.0	115.4

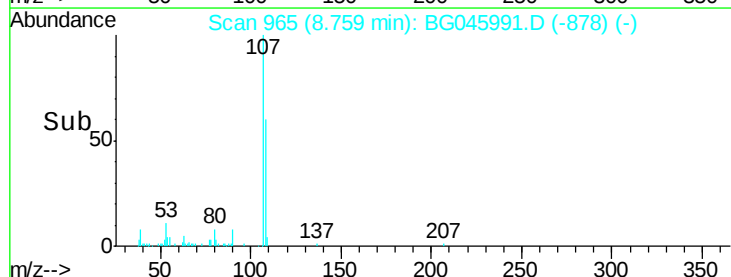
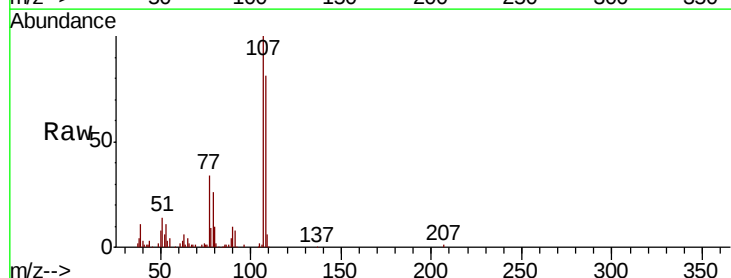
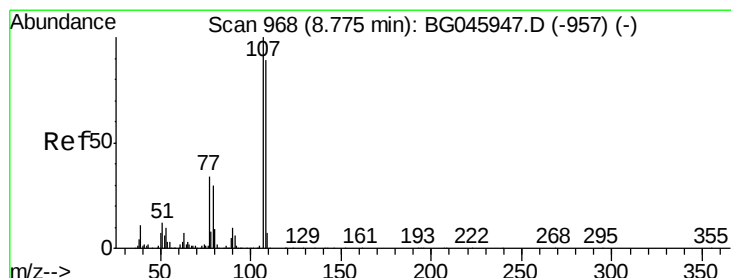
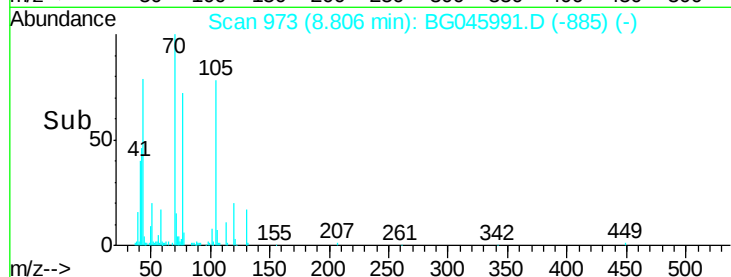
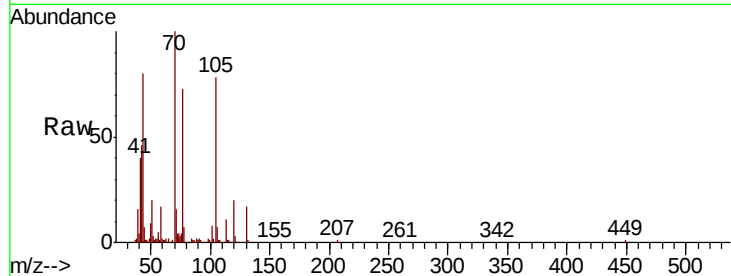
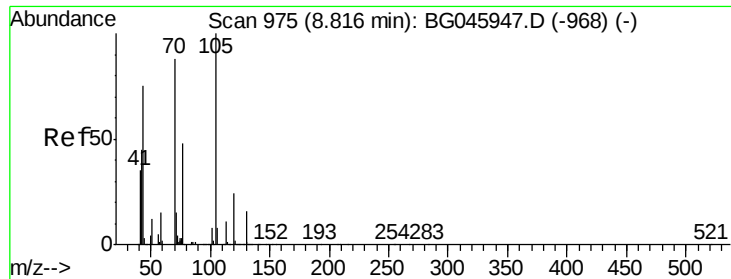
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

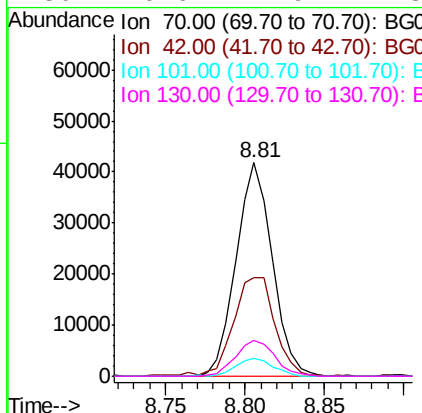
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 7.204 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.2	41.4	62.0	
101	8.5	7.1	10.7	
130	16.6	14.9	22.3	



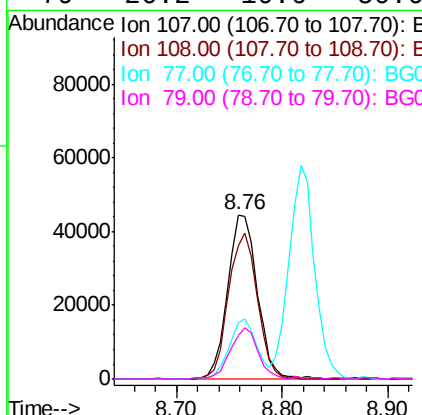
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

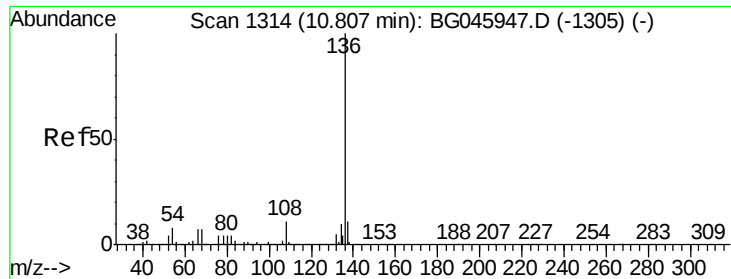
Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM

#20
3+4-Methylphenols
Concen: 6.462 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.2	68.7	108.7	
77	34.4	14.6	54.6	
79	26.2	10.6	50.6	





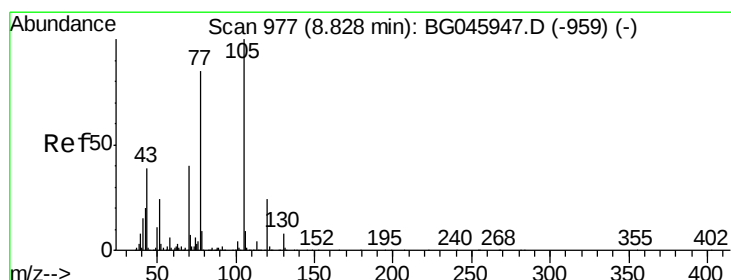
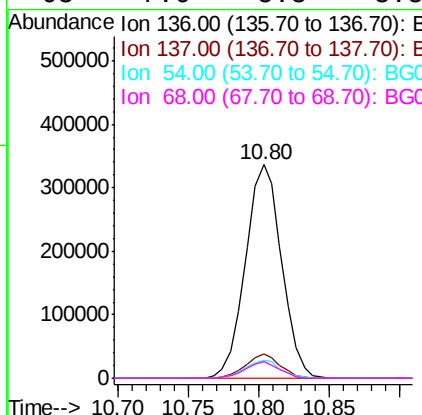
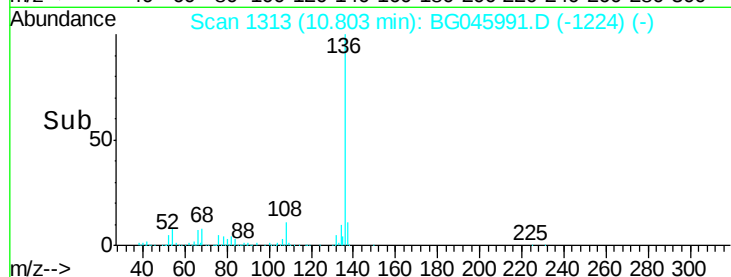
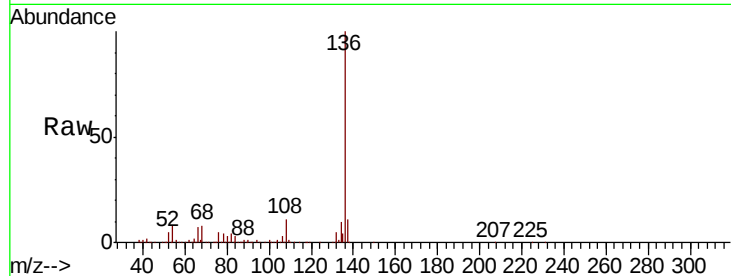
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		600816		
137	11.4	9.2	13.8		
54	8.2	6.2	9.4		
68	7.6	5.8	8.8		

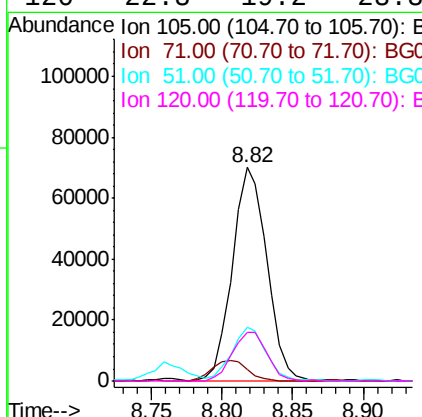
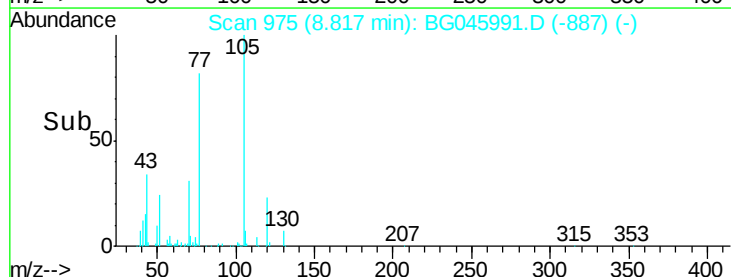
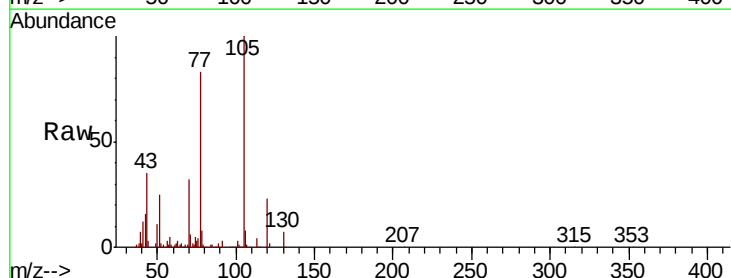
Manual Integrations
APPROVED

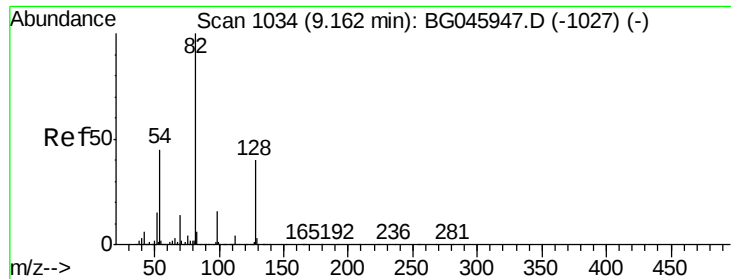
mohammad
7/10/2020 11:47:03 AM



#22
Acetophenone
Concen: 7.466 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		119840		
71	5.6	6.2	9.2#		
51	24.9	19.7	29.5		
120	22.8	19.2	28.8		





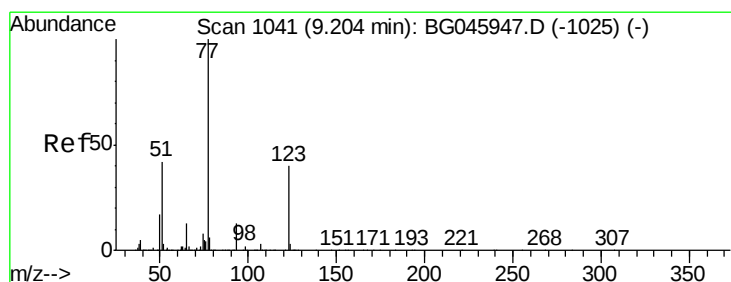
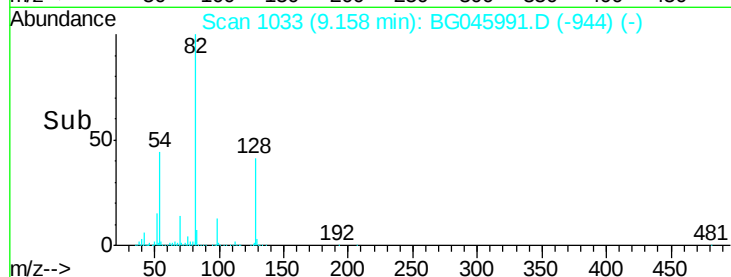
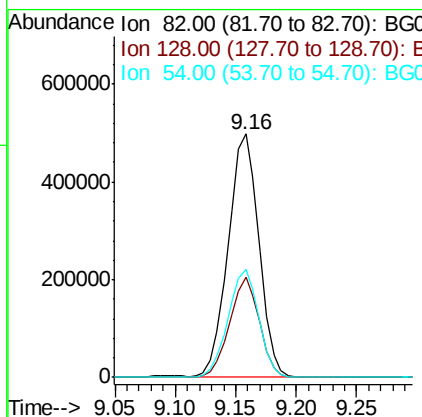
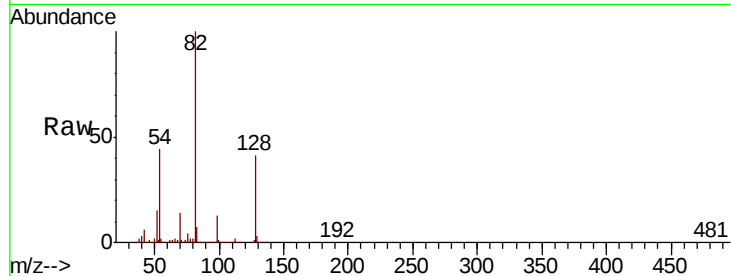
#23
Nitrobenzene-d5
Concen: 84.427 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.2	48.4
54	44.5	35.8	53.6

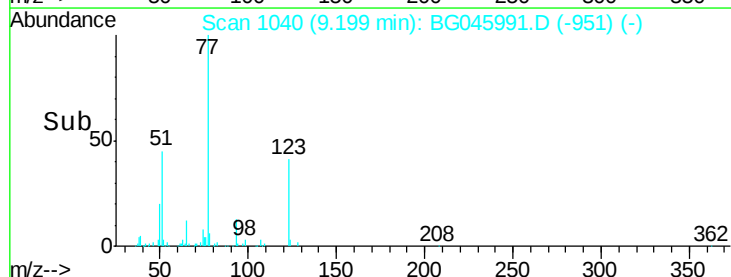
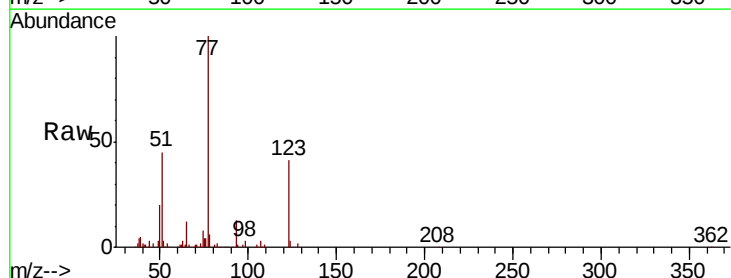
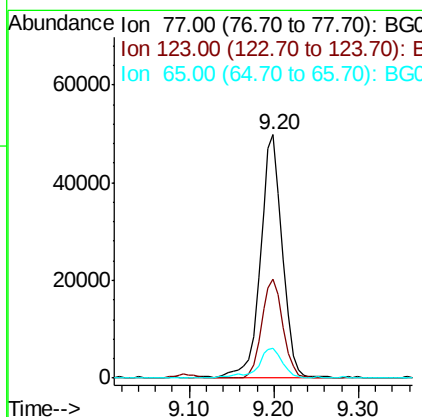
Manual Integrations
APPROVED

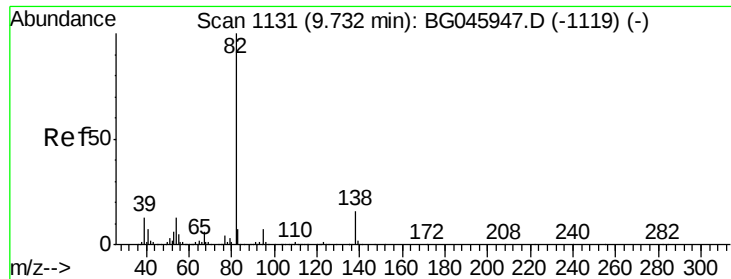
mohammad
7/10/2020 11:47:03 AM



#24
Nitrobenzene
Concen: 7.839 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.7	49.1
65	12.3	10.2	15.4





#25

Isophorone

Concen: 6.707 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

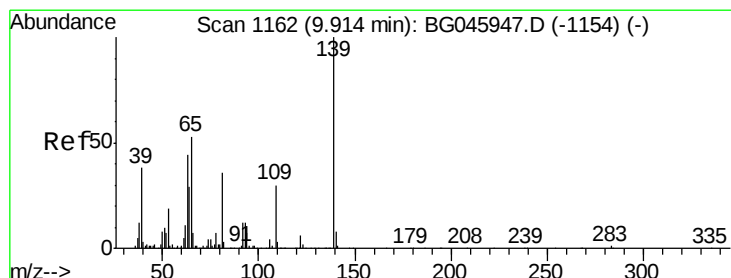
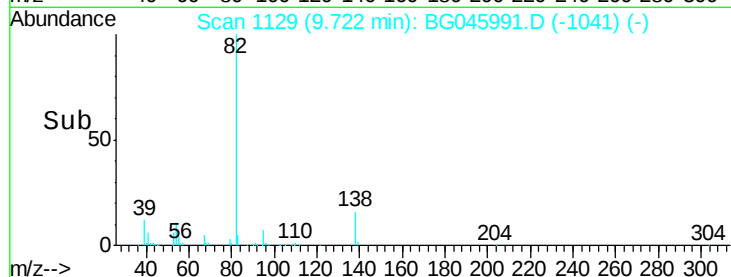
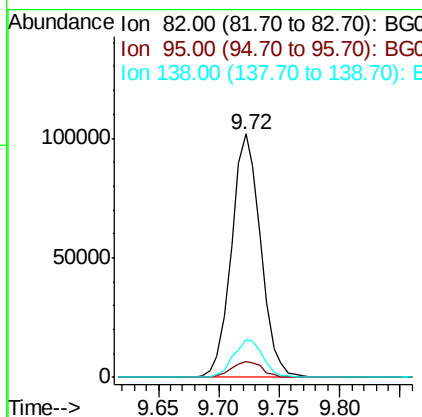
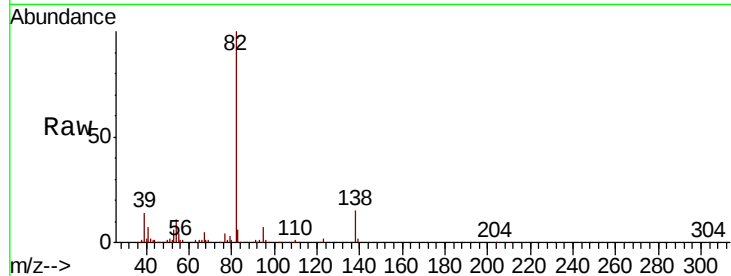
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	82	Resp	170905
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.6
138	15.4	12.9	19.3

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#26

2-Nitrophenol

Concen: 6.782 ng

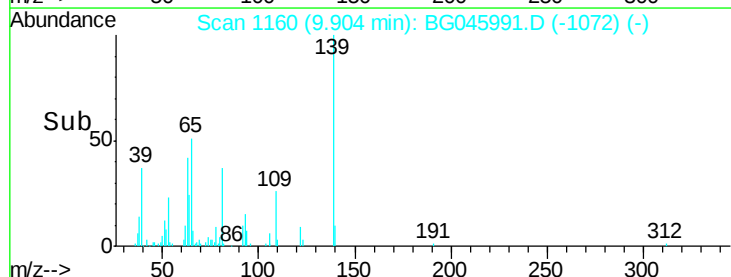
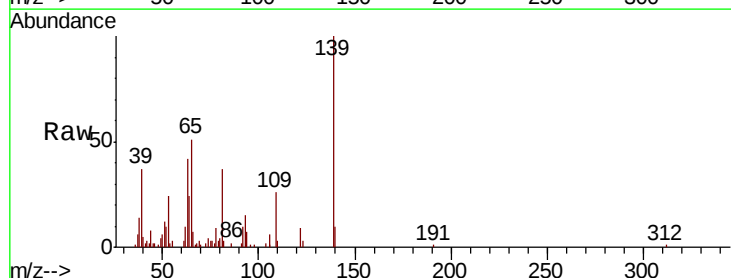
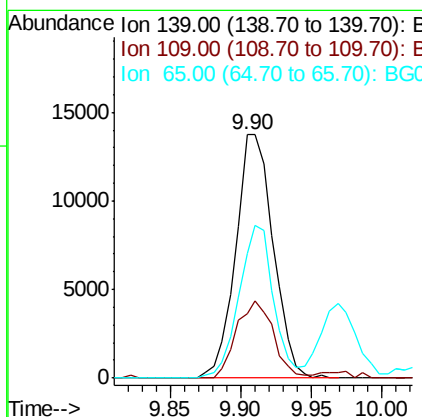
RT: 9.90 min Scan# 1160

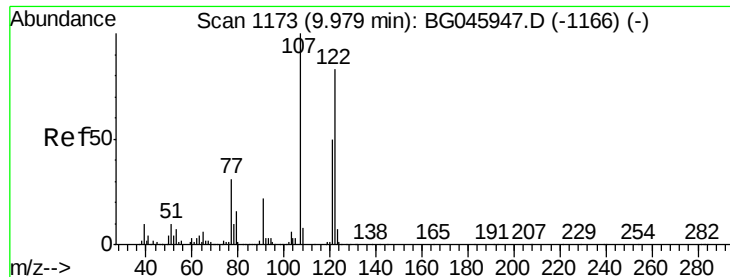
Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion	139	Resp	25470
Ion Ratio	Lower	Upper	
139	100		
109	26.4	24.6	37.0
65	51.2	42.6	64.0





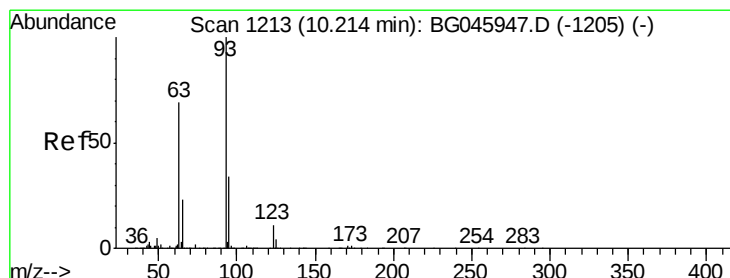
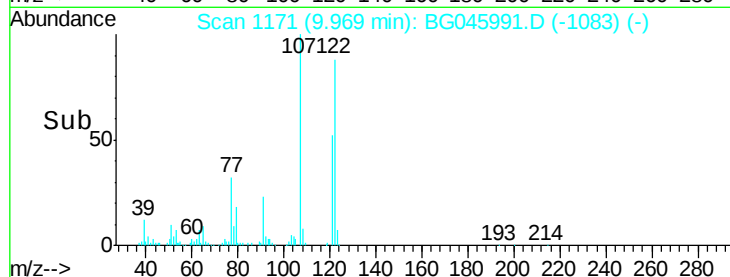
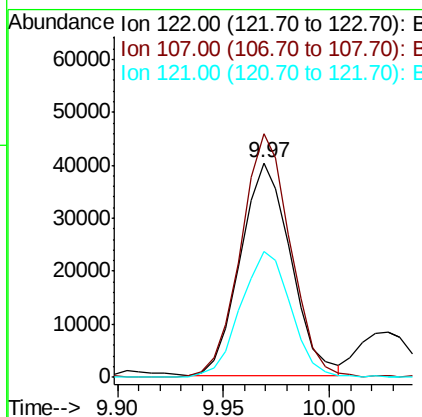
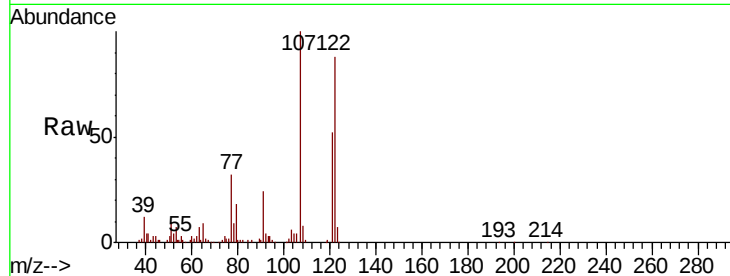
#27
2,4-Dimethylphenol
Concen: 7.333 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	95.6	143.4
121	58.6	47.7	71.5

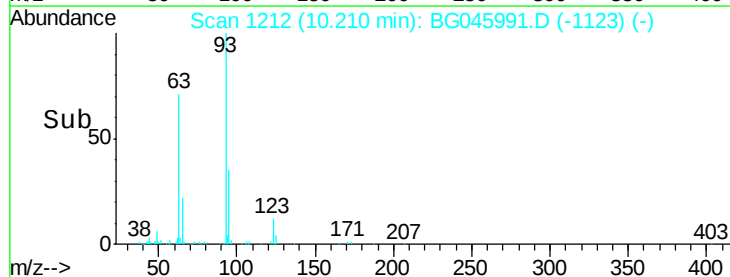
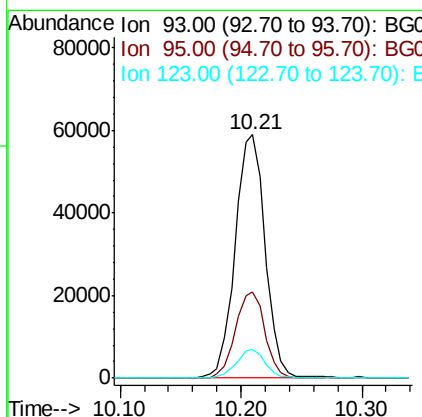
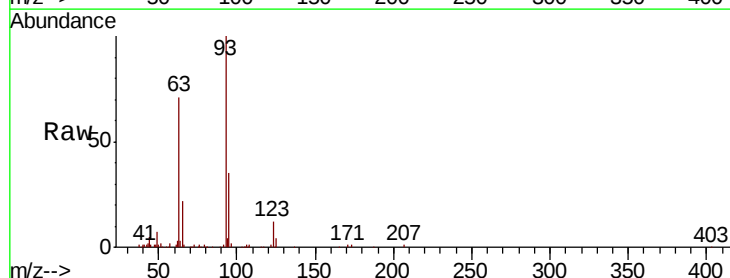
Manual Integrations
APPROVED

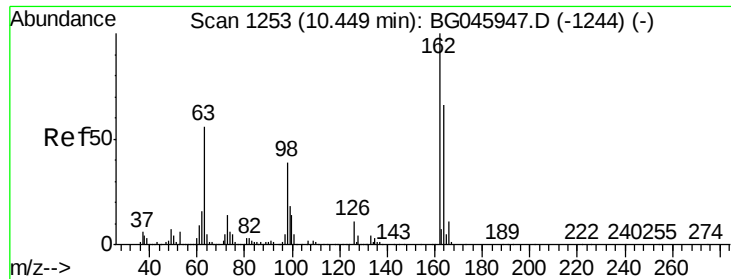
mohammad
7/10/2020 11:47:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 7.096 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	27.5	41.3
123	11.9	9.2	13.8





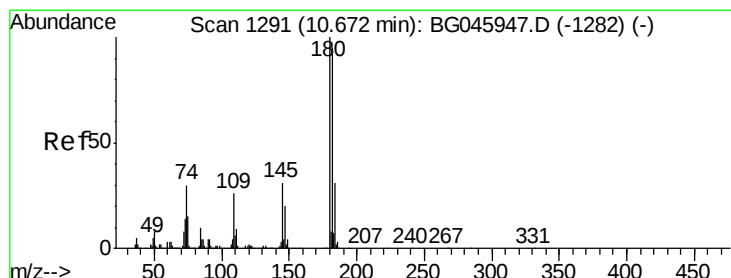
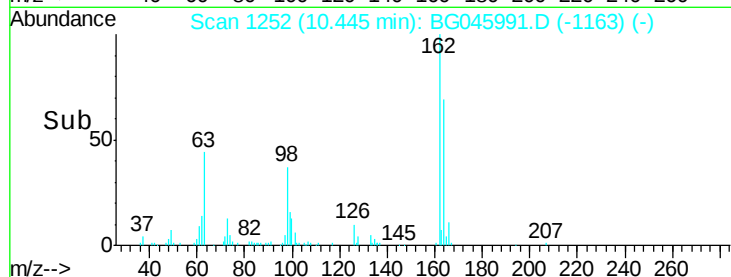
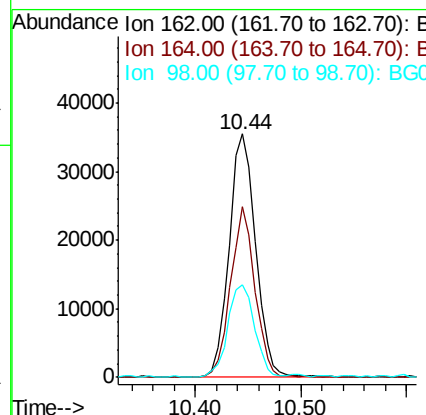
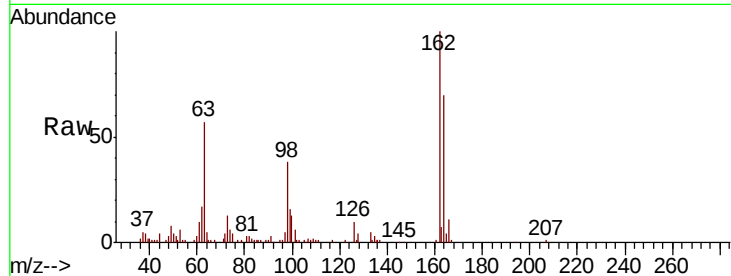
#29
 2,4-Dichlorophenol
 Concen: 6.550 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion:	162	Resp:	61500
Ion Ratio	Lower	Upper	
162	100		
164	69.9	46.0	86.0
98	38.3	19.2	59.2

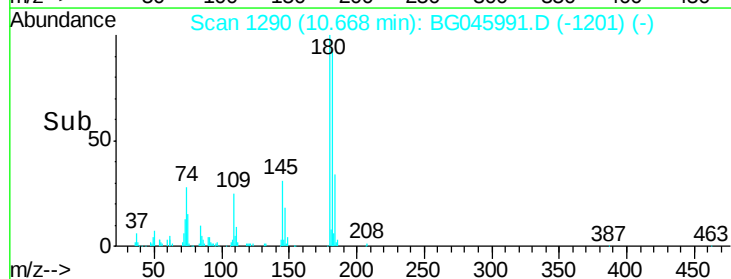
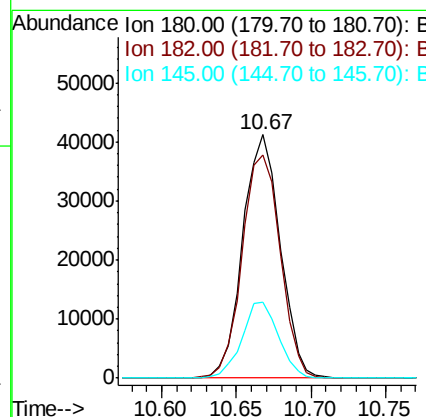
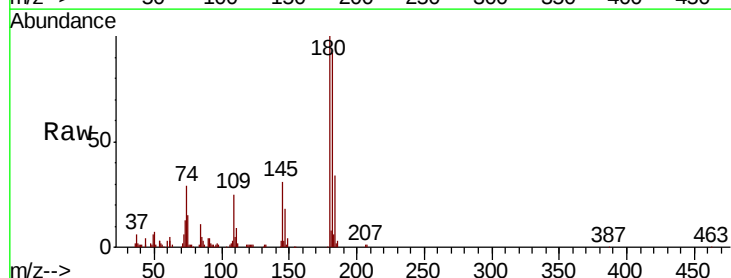
Manual Integrations
 APPROVED

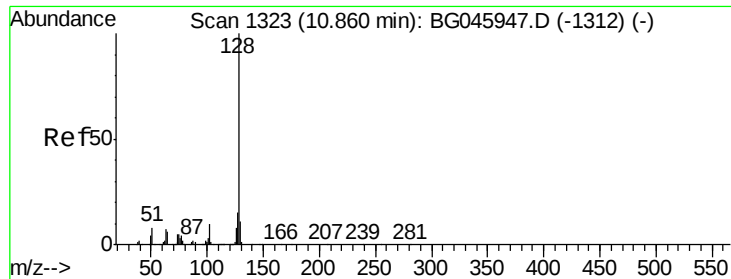
mohammad
 7/10/2020 11:47:03 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 6.879 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion:	180	Resp:	71571
Ion Ratio	Lower	Upper	
180	100		
182	91.8	76.3	114.5
145	31.4	24.8	37.2





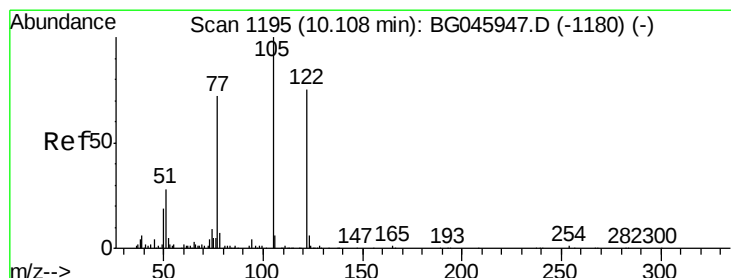
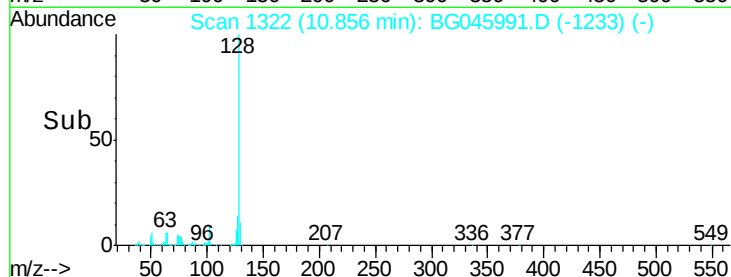
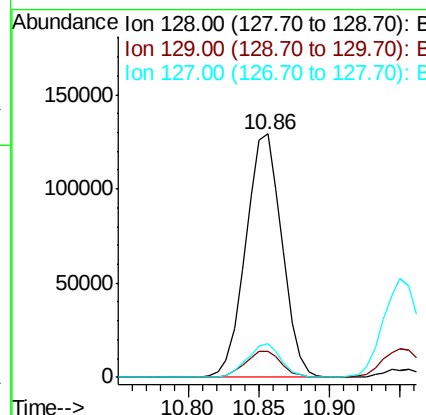
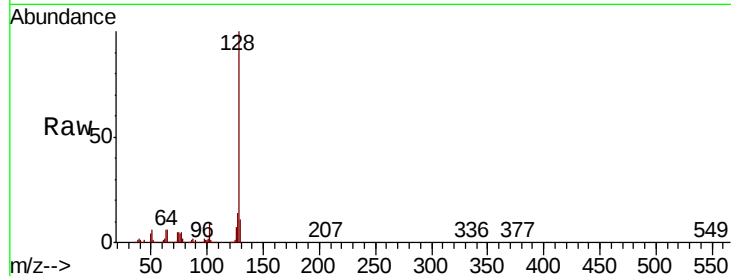
#31
Naphthalene
Concen: 7.217 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:	128	Resp:	232461
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.2	13.8
127	13.8	11.8	17.6

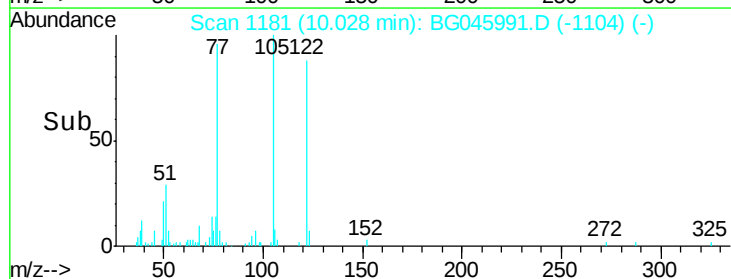
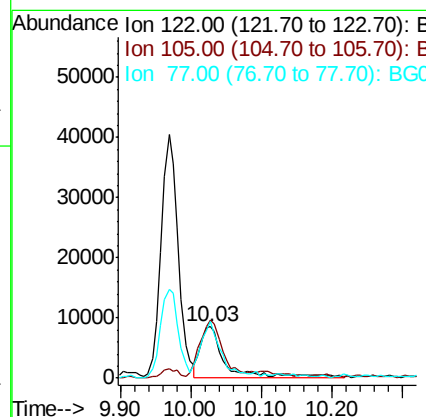
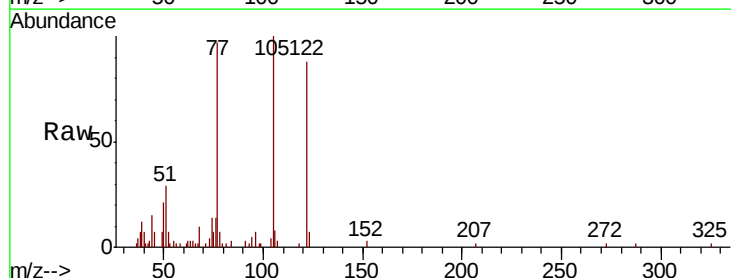
Manual Integrations
APPROVED

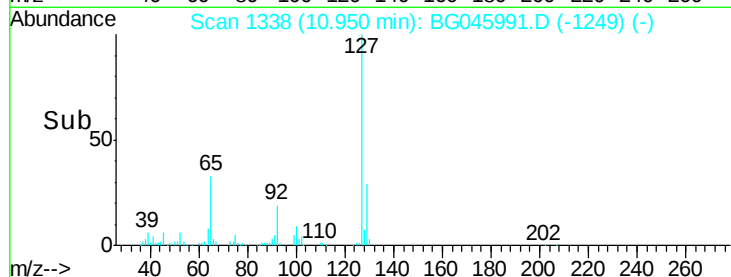
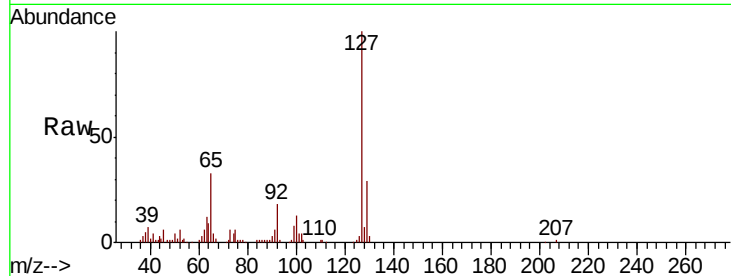
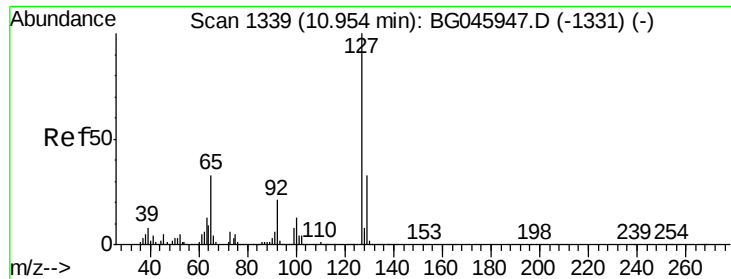
mohammad
7/10/2020 11:47:03 AM



#32
Benzoic acid
Concen: 4.335 ng m
RT: 10.03 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:	122	Resp:	21290
Ion Ratio	Lower	Upper	
122	100		
105	113.3	110.8	150.8
77	110.1	76.4	116.4





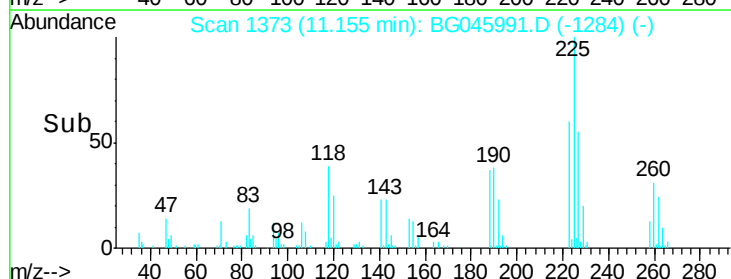
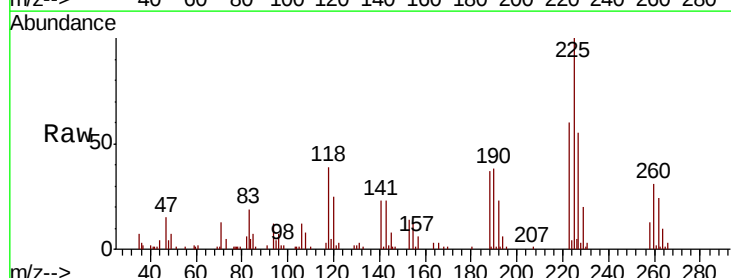
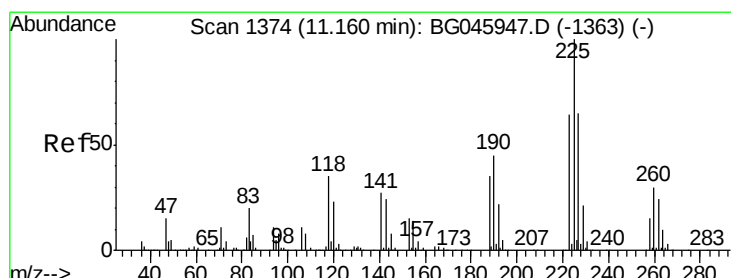
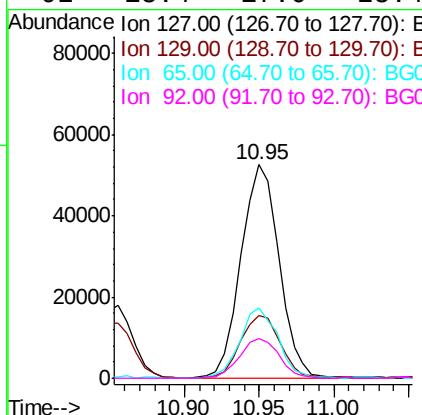
#33
4-Chloroaniline
Concen: 6.473 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.1	26.6	39.8		
65	32.9	26.8	40.2		
92	18.4	17.0	25.4		

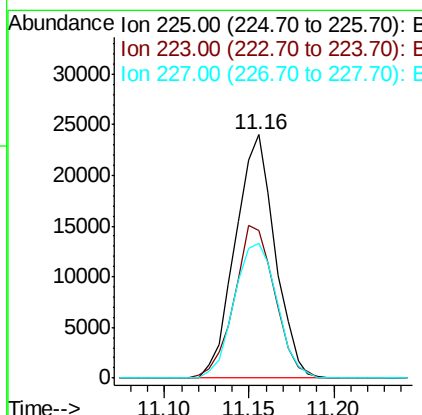
Manual Integrations
APPROVED

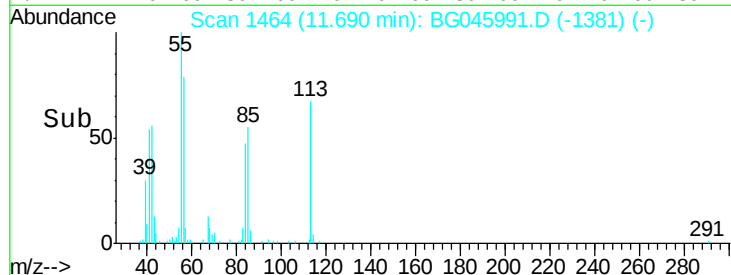
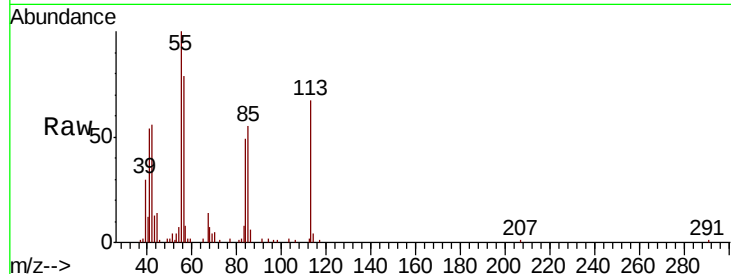
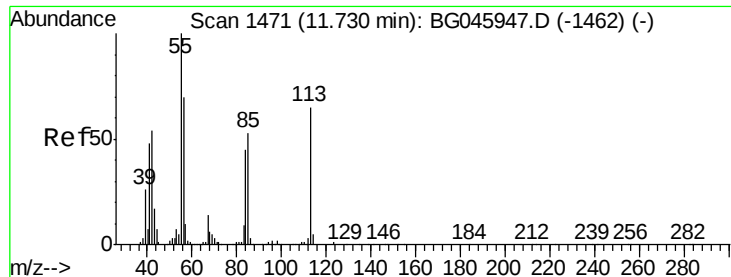
mohammad
7/10/2020 11:47:03 AM



#34
Hexachlorobutadiene
Concen: 6.446 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.4	51.2	76.8		
227	55.4	52.3	78.5		





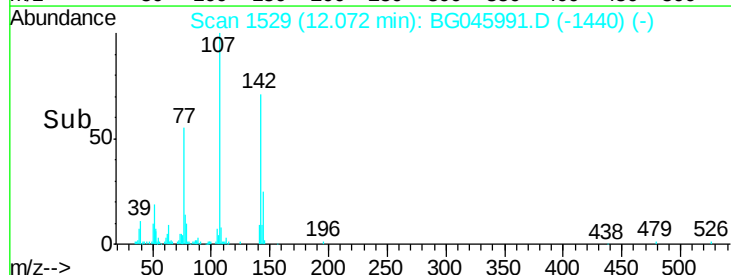
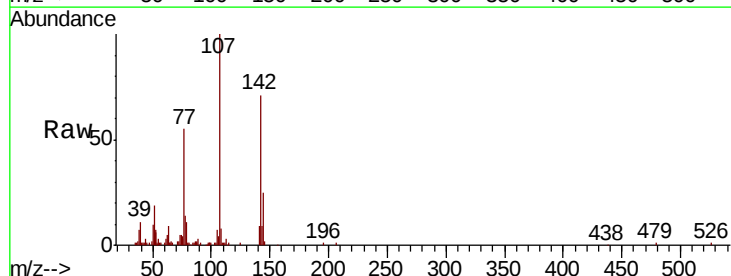
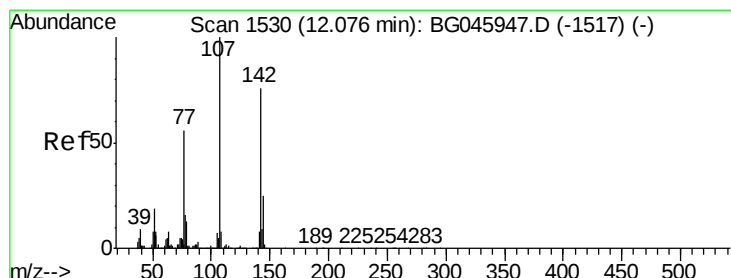
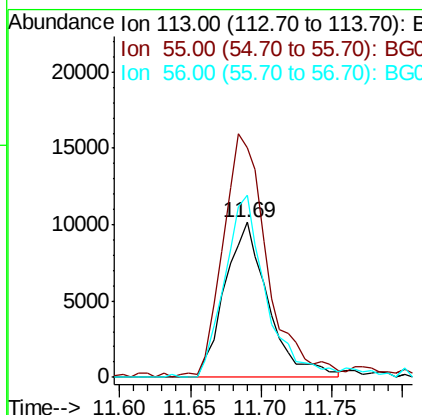
#35
Caprolactam
Concen: 6.108 ng
RT: 11.69 min Scan# 1464
Delta R.T. -0.04 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.4	141.6	181.6
56	117.8	89.6	129.6

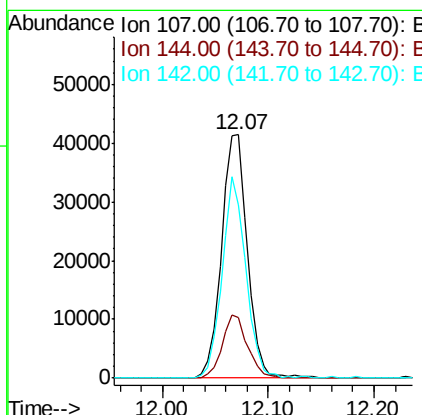
Manual Integrations
APPROVED

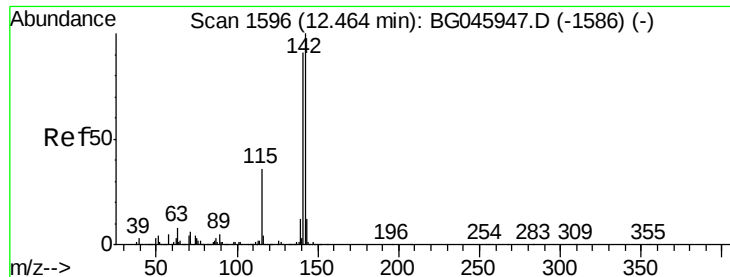
mohammad
7/10/2020 11:47:03 AM



#36
4-Chloro-3-methylphenol
Concen: 6.573 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.0	30.0
142	70.9	61.1	91.7





#37

2-Methylnaphthalene

Concen: 7.195 ng

RT: 12.45 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

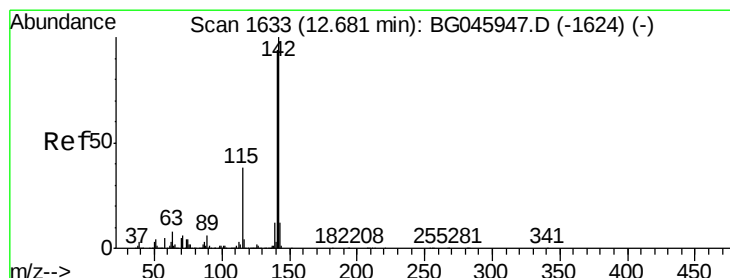
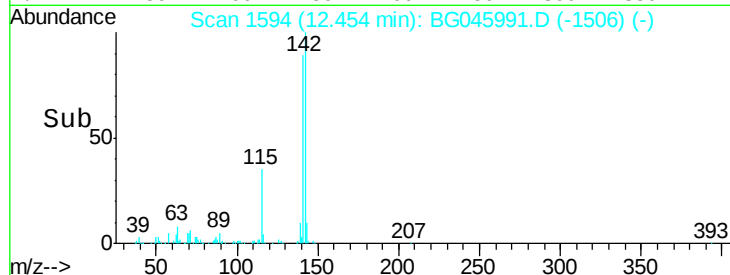
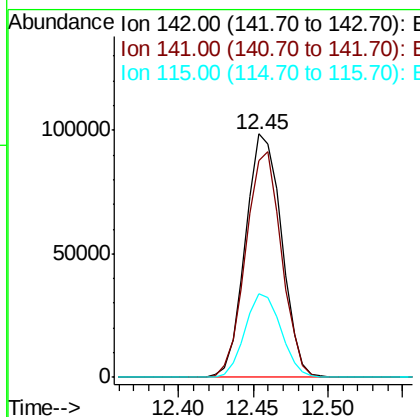
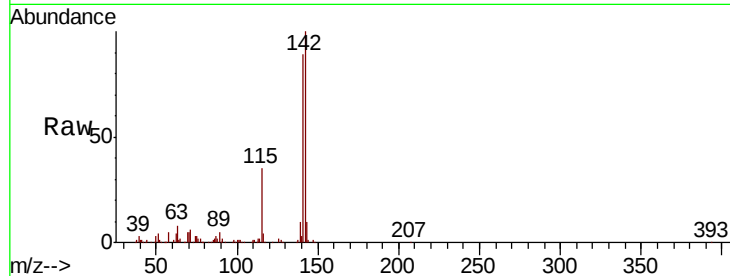
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	142	Resp:	164738
Ion Ratio	Lower	Upper	
142	100		
141	89.0	73.0	109.6
115	34.6	28.8	43.2

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#38

1-Methylnaphthalene

Concen: 7.132 ng

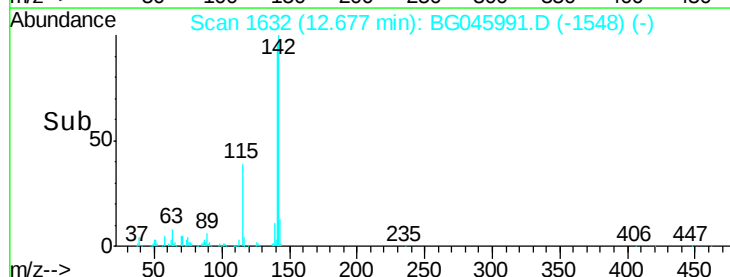
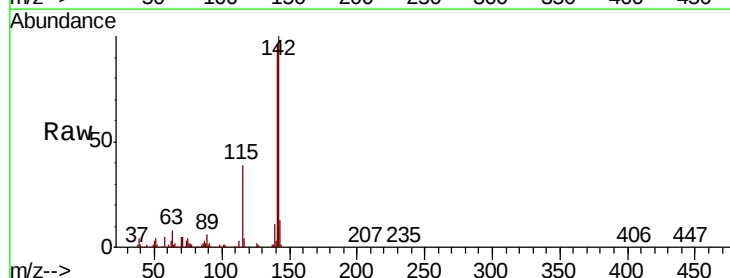
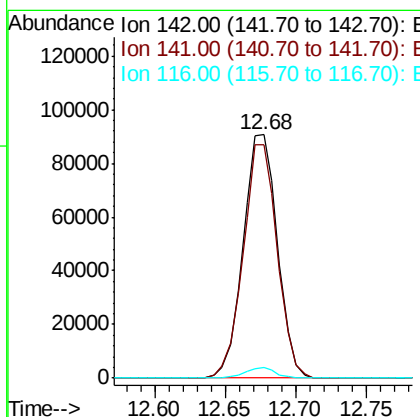
RT: 12.68 min Scan# 1632

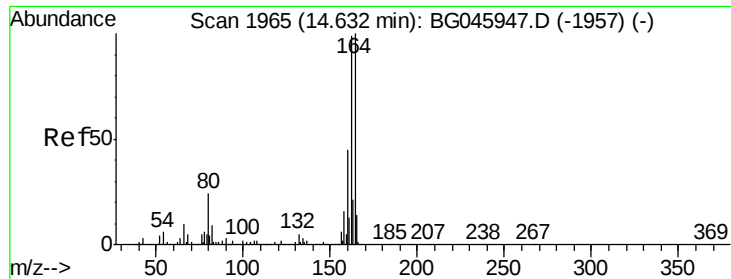
Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	142	Resp:	154098
Ion Ratio	Lower	Upper	
142	100		
141	95.8	75.2	112.8
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

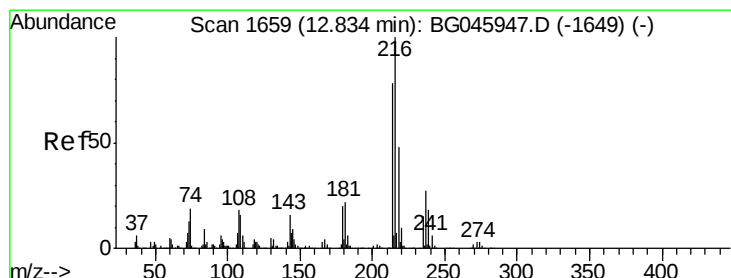
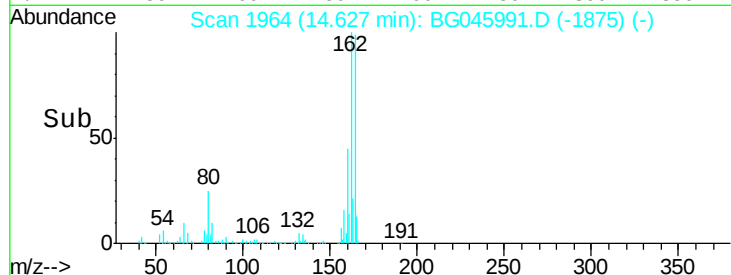
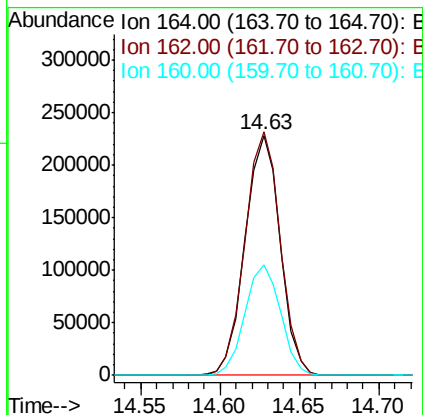
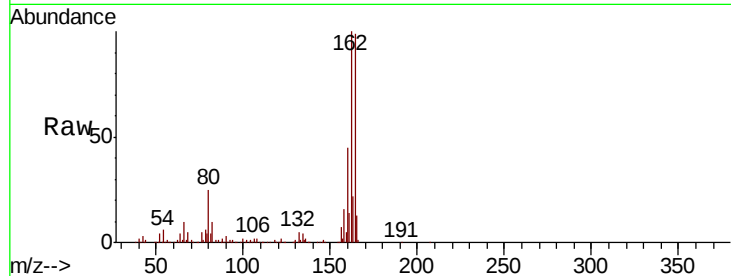
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	164	Resp:	350847
Ion Ratio	Lower	Upper	
164	100		
162	101.3	79.3	118.9
160	45.9	35.7	53.5

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.511 ng

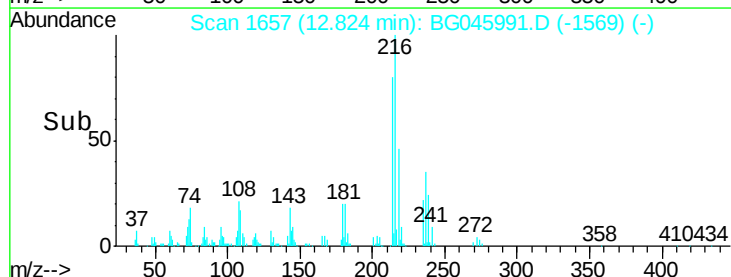
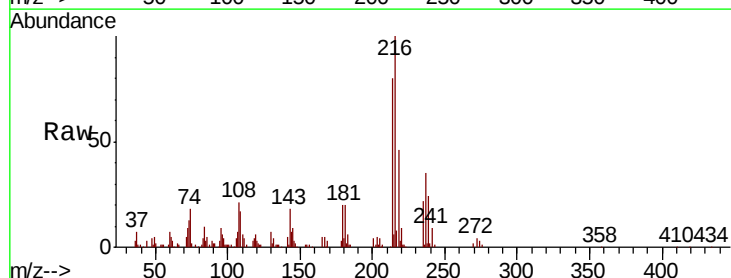
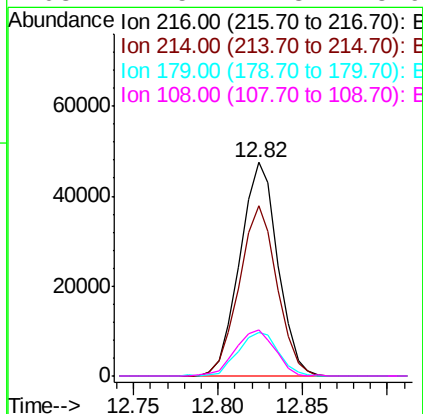
RT: 12.82 min Scan# 1657

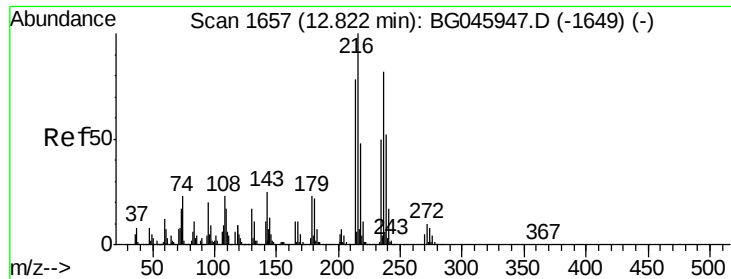
Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	216	Resp:	74281
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.4
179	21.5	17.0	25.6
108	22.5	17.3	25.9





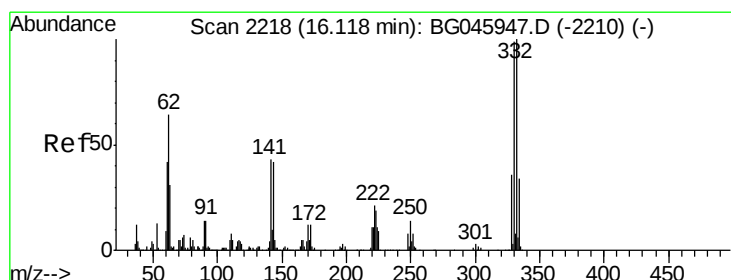
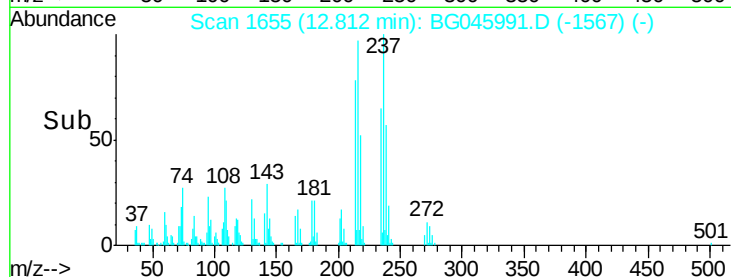
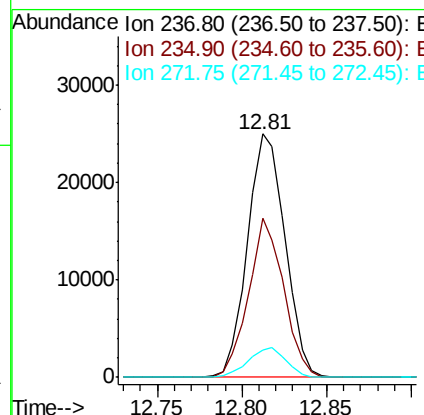
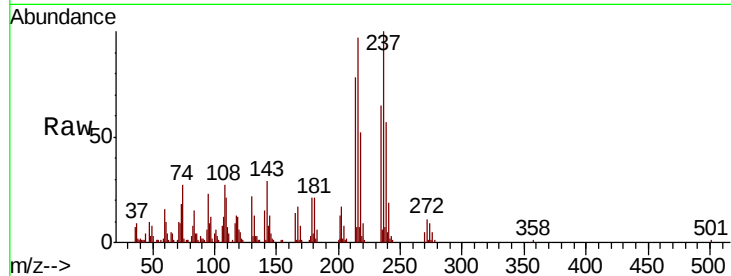
#41
Hexachlorocyclopentadiene
Concen: 6.588 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.4	41.5	81.5
272	11.1	0.0	31.7

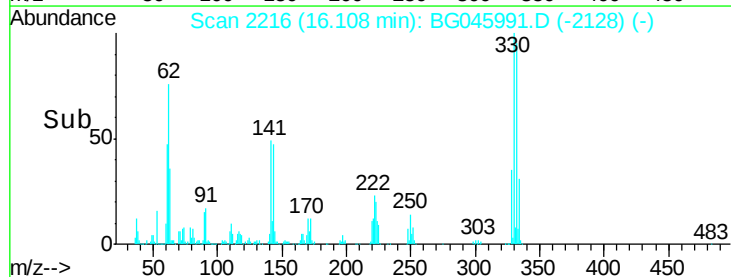
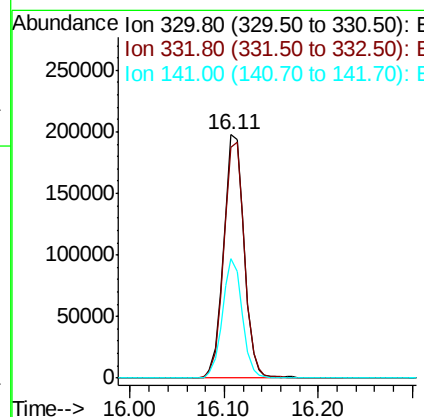
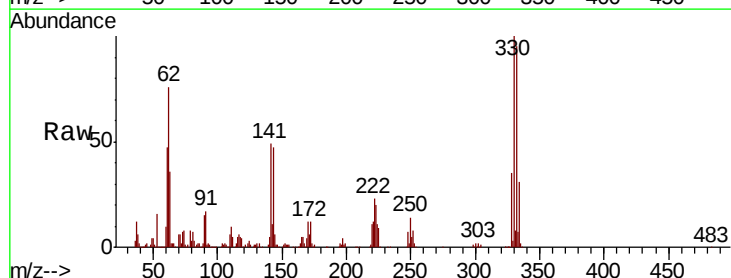
Manual Integrations
APPROVED

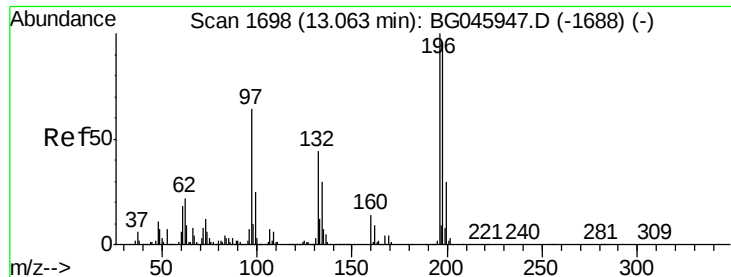
mohammad
7/10/2020 11:47:03 AM



#42
2,4,6-Tribromophenol
Concen: 92.991 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	47.1	36.6	54.8





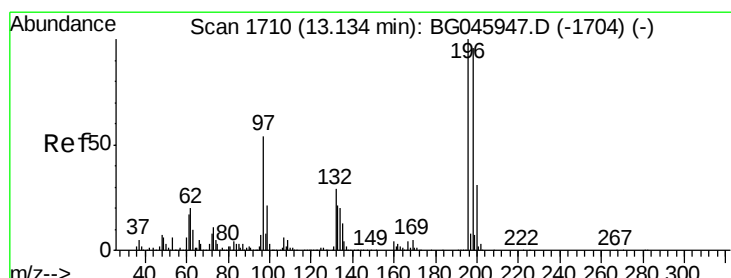
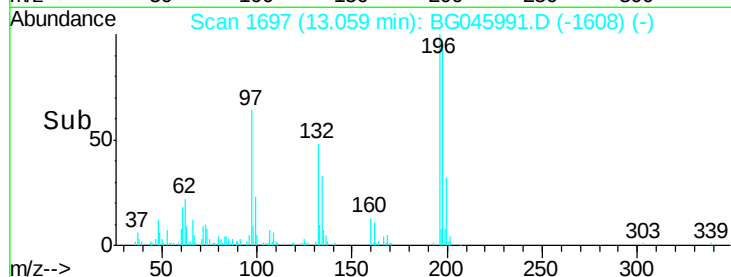
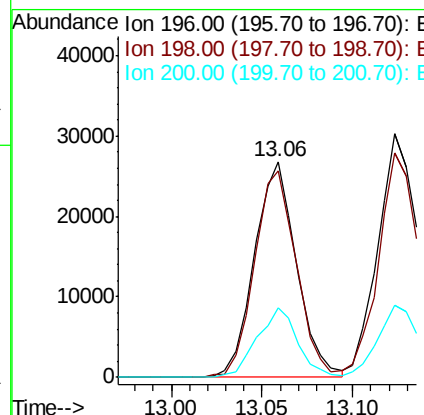
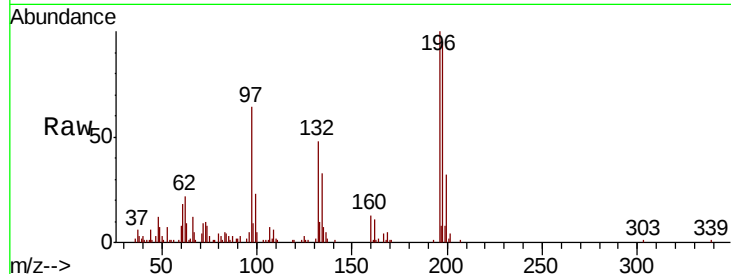
#43
2,4,6-Trichlorophenol
Concen: 6.510 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	43543		
198	95.5	76.7	115.1	
200	32.1	24.3	36.5	

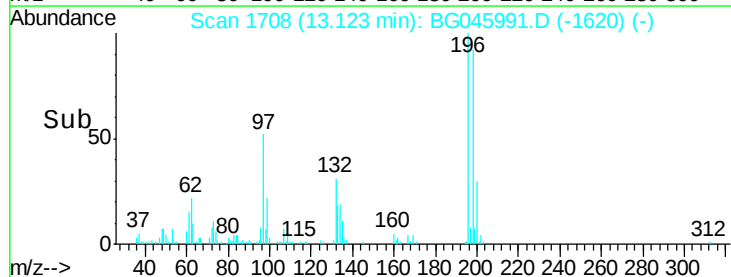
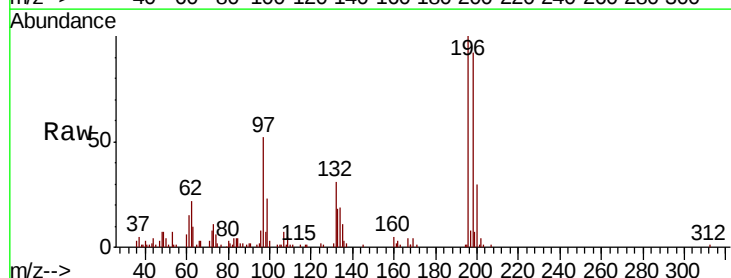
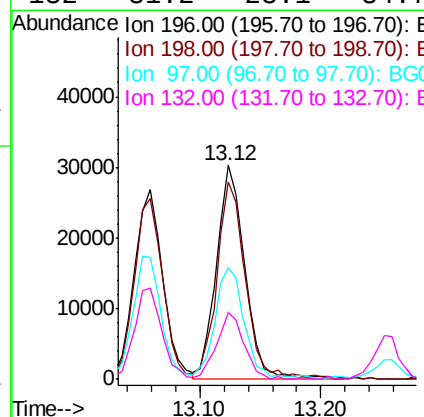
Manual Integrations
APPROVED

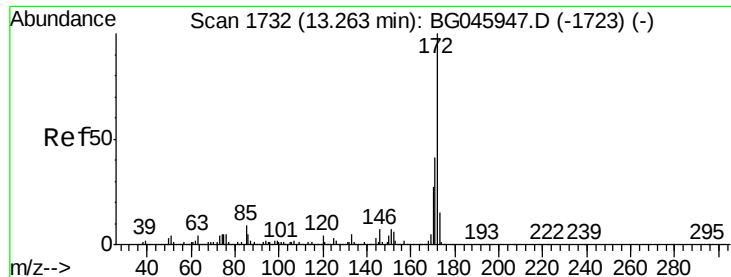
mohammad
7/10/2020 11:47:03 AM



#44
2,4,5-Trichlorophenol
Concen: 6.467 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	48910		
198	92.2	77.0	115.6	
97	52.3	44.3	66.5	
132	31.2	23.1	34.7	





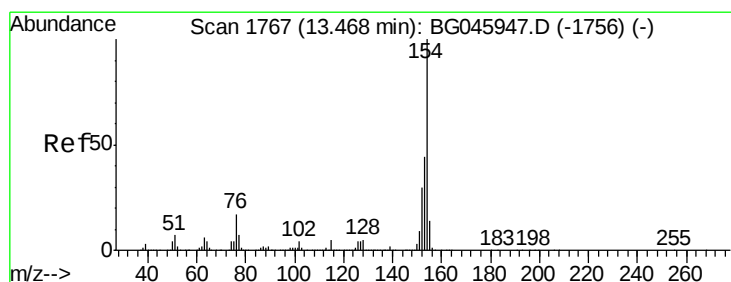
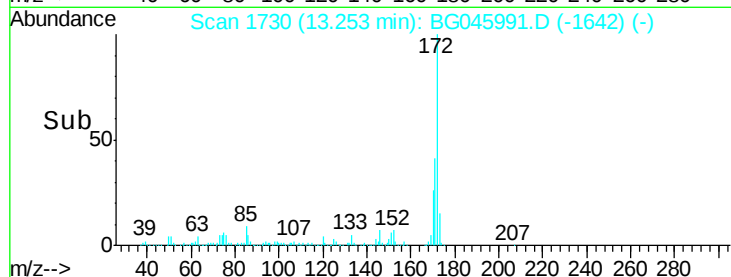
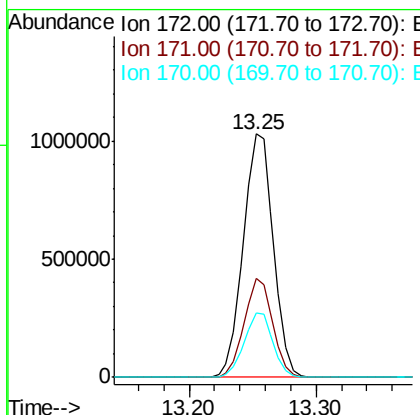
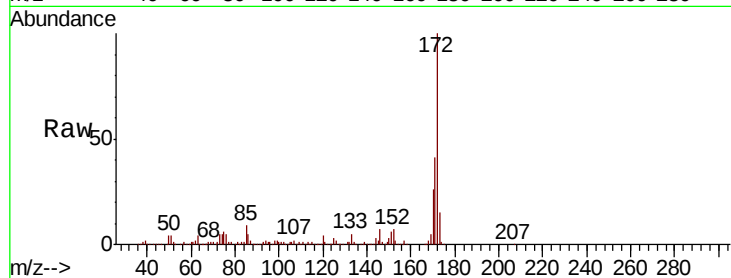
#45
2-Fluorobiphenyl
Concen: 75.113 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.9	49.3
170	26.3	21.8	32.6

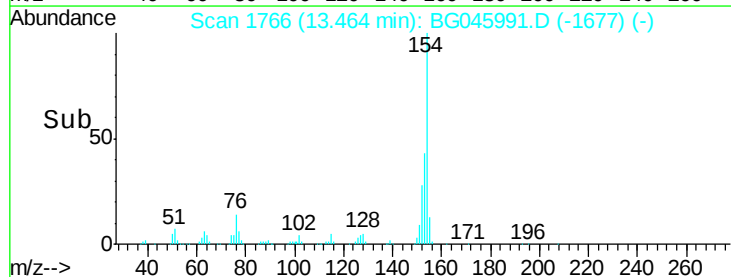
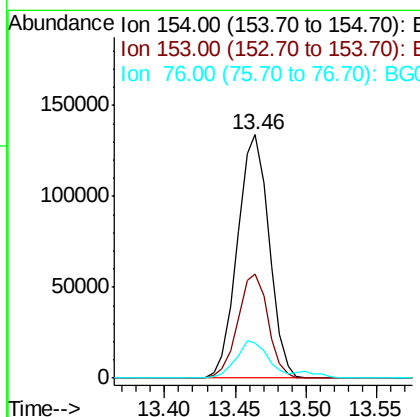
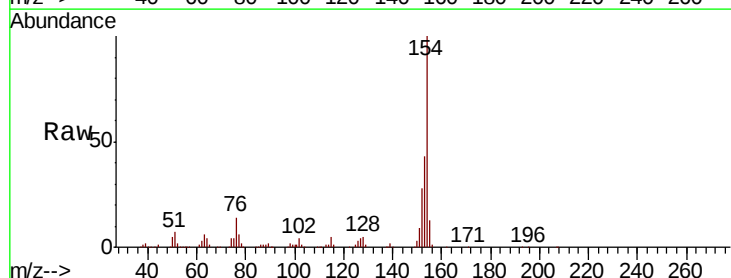
Manual Integrations
APPROVED

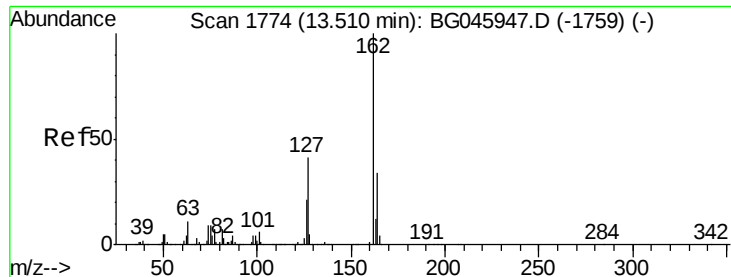
mohammad
7/10/2020 11:47:03 AM



#46
1,1'-Biphenyl
Concen: 7.930 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	14.3	0.0	36.9





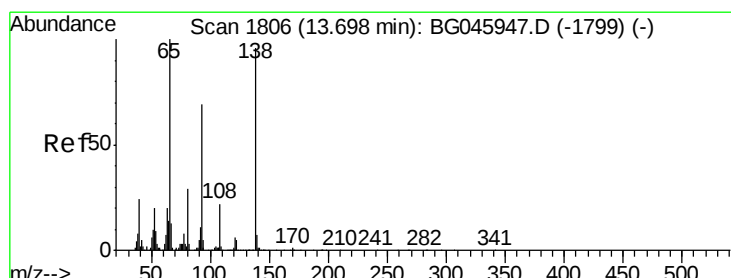
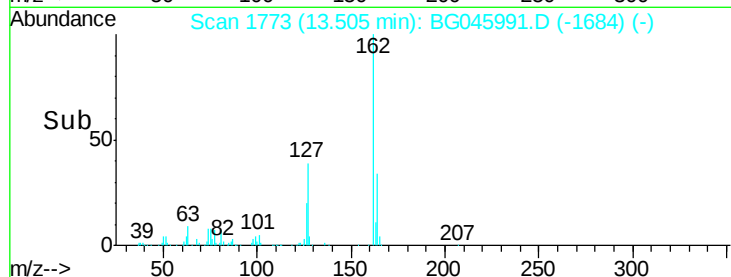
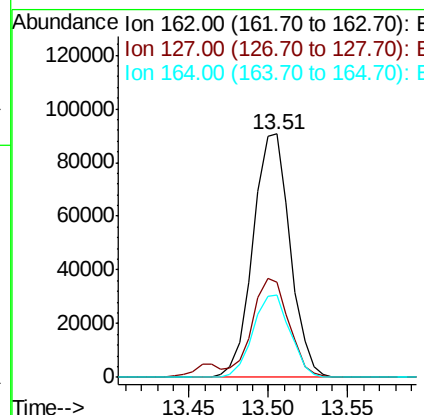
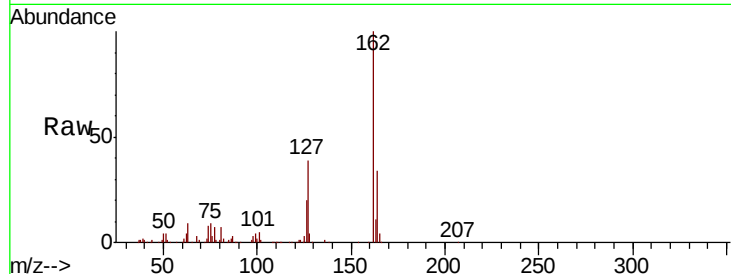
#47
2-Chloronaphthalene
Concen: 7.081 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.5	48.7
164	33.7	27.2	40.8

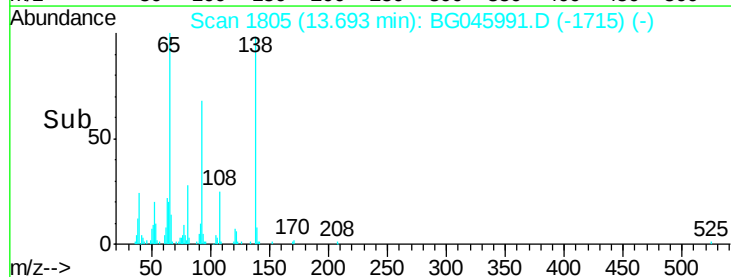
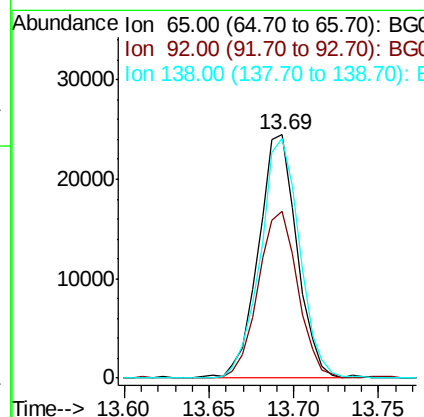
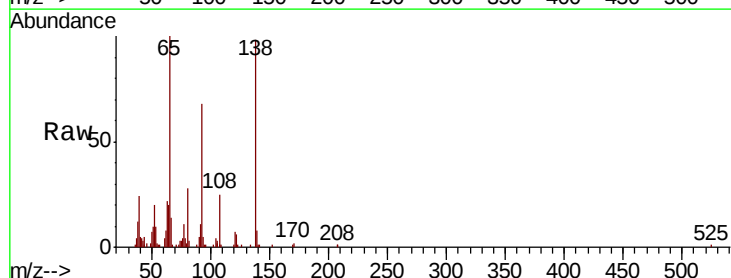
Manual Integrations
APPROVED

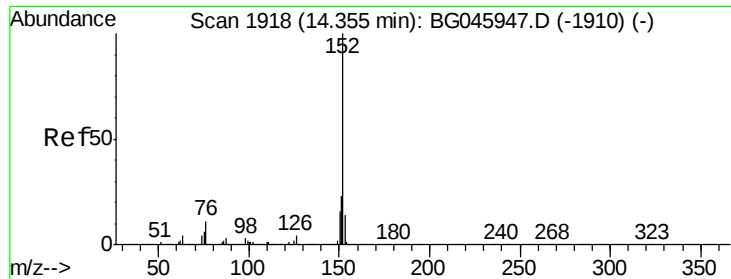
mohammad
7/10/2020 11:47:03 AM



#48
2-Nitroaniline
Concen: 7.930 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.4	83.0
138	98.4	77.0	115.4





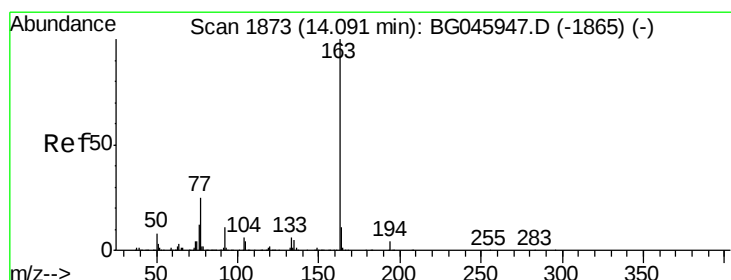
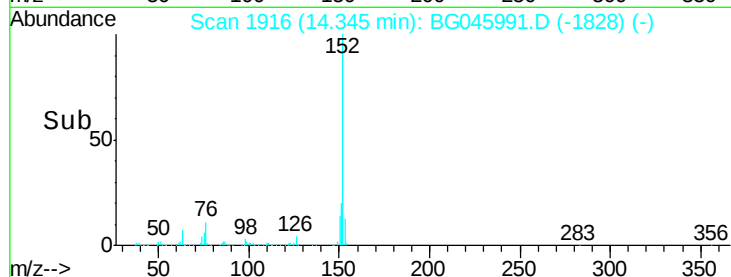
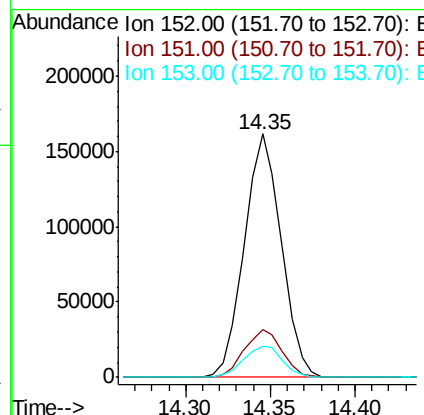
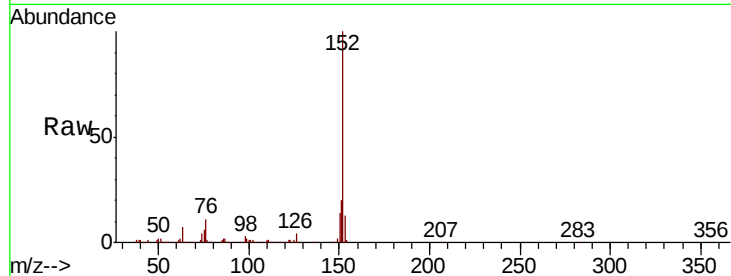
#49
Acenaphthylene
Concen: 7.303 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
152	100	245356		
151	19.5		18.1	27.1
153	12.7		11.5	17.3

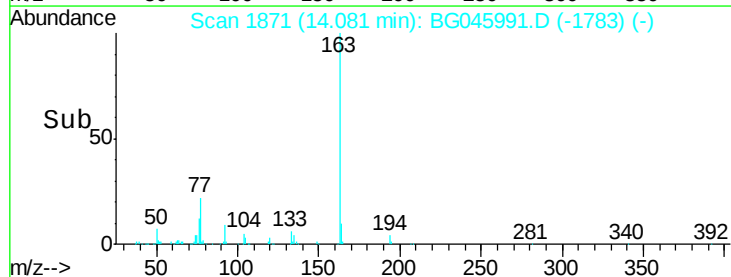
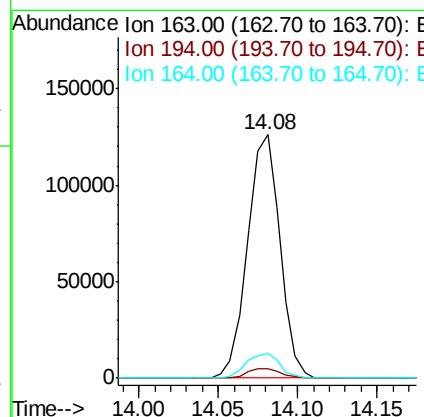
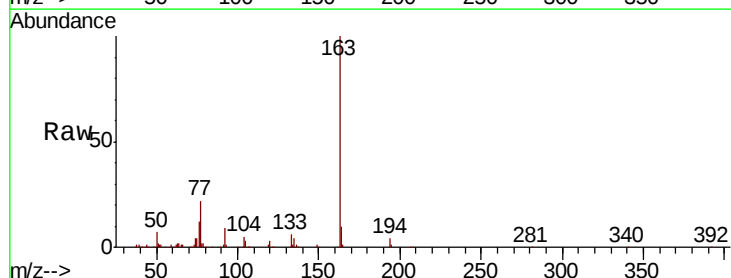
Manual Integrations
APPROVED

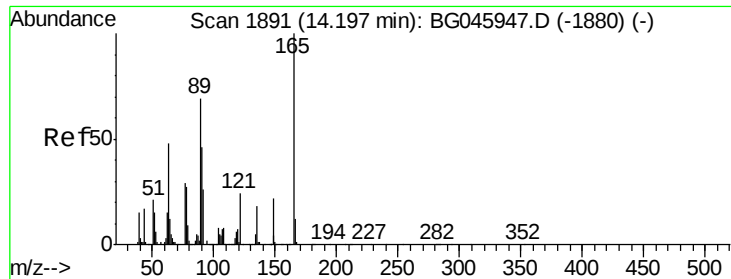
mohammad
7/10/2020 11:47:03 AM



#50
Dimethylphthalate
Concen: 6.797 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	178969		
194	4.0		3.6	5.4
164	10.2		8.9	13.3





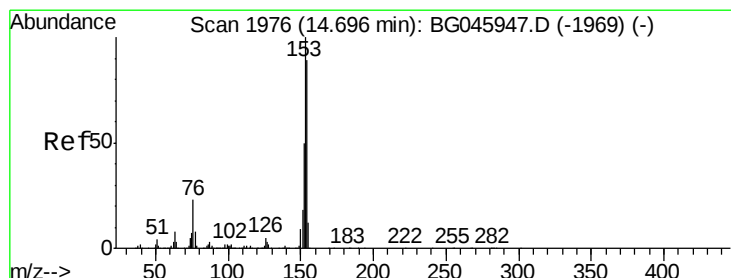
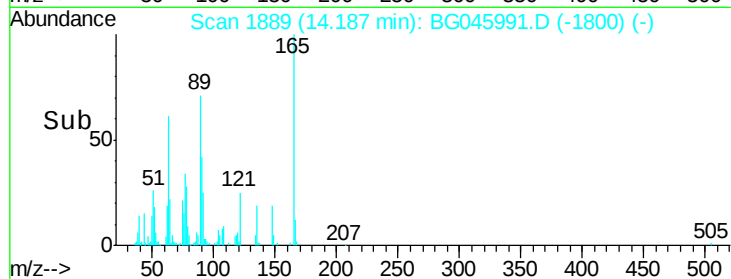
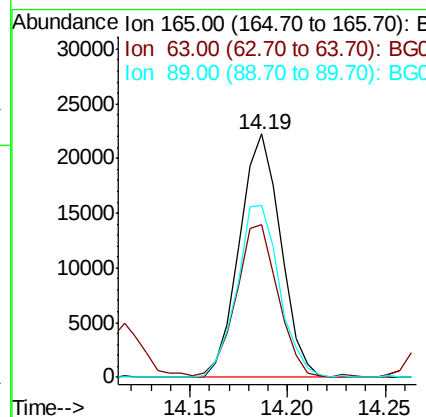
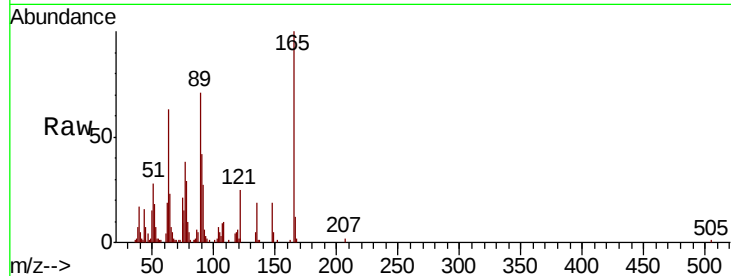
#51
2,6-Dinitrotoluene
Concen: 7.974 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.9	51.0	76.4
89	70.8	55.7	83.5

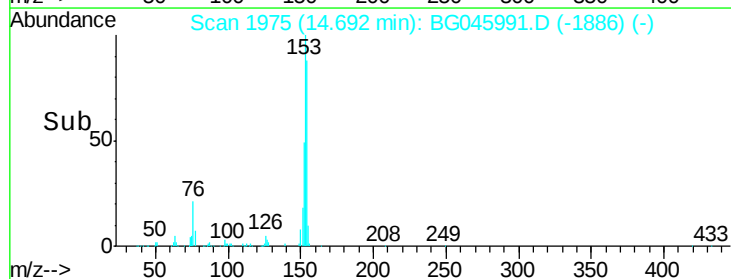
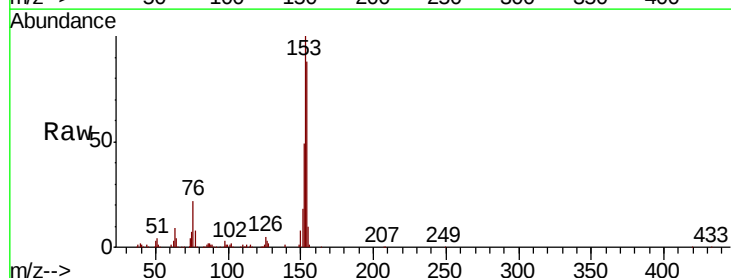
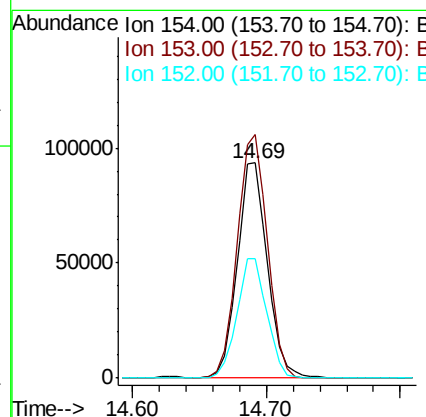
Manual Integrations
APPROVED

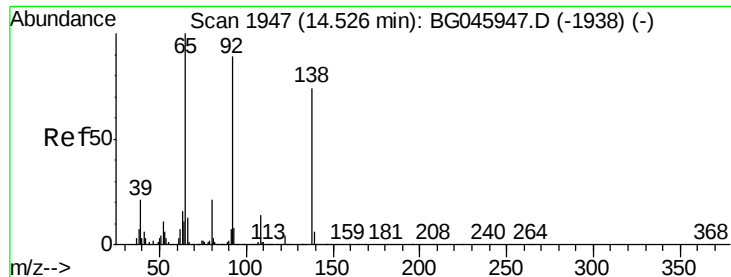
mohammad
7/10/2020 11:47:03 AM



#52
Acenaphthene
Concen: 6.893 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.7	134.5
152	55.5	44.7	67.1





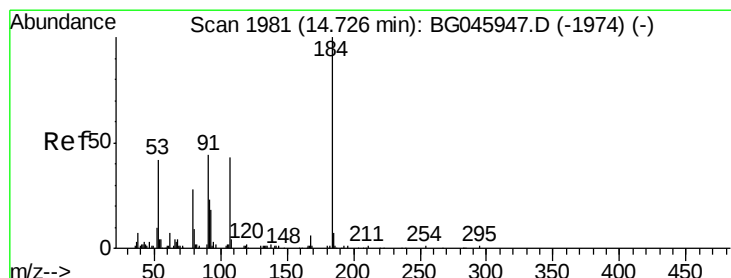
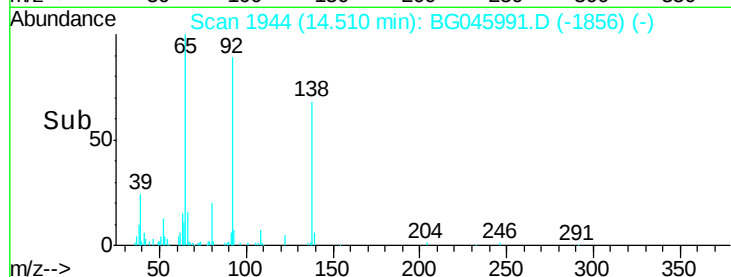
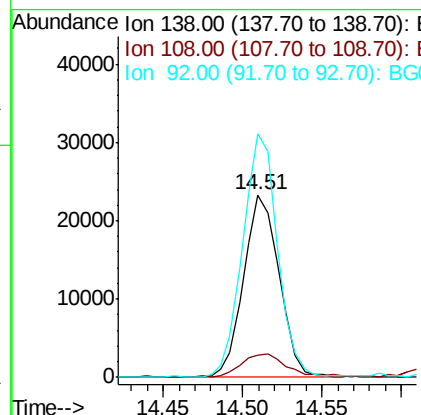
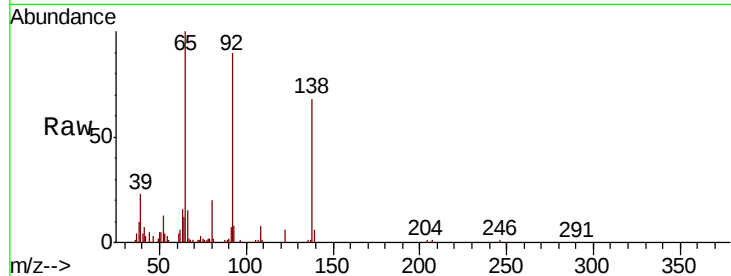
#53
3-Nitroaniline
Concen: 7.168 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	15.4	23.2#
92	133.4	95.9	143.9

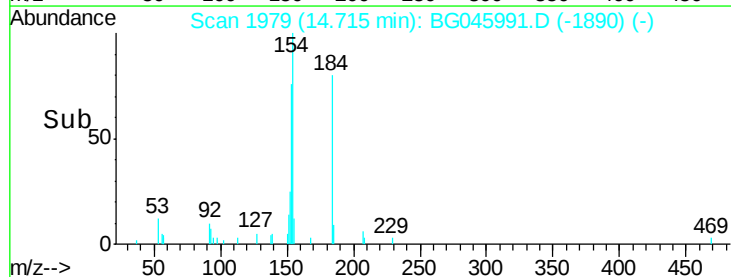
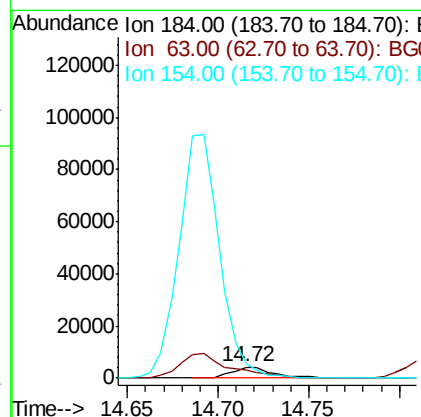
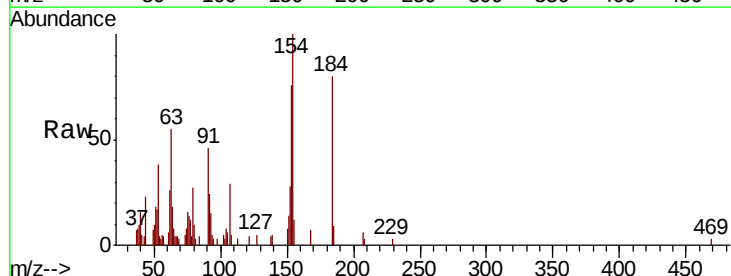
Manual Integrations
APPROVED

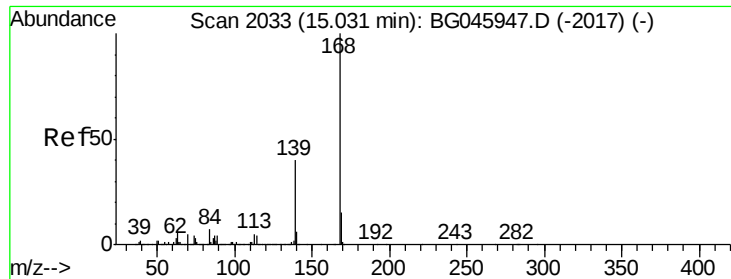
mohammad
7/10/2020 11:47:03 AM



#54
2,4-Dinitrophenol
Concen: 4.770 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	46.0	69.0
154	125.1	58.2	87.2#





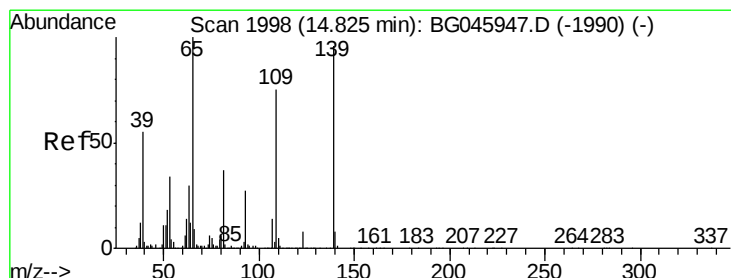
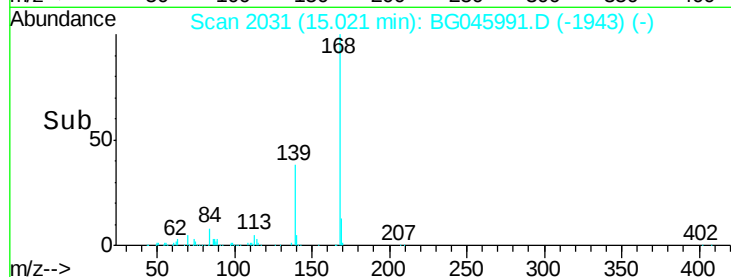
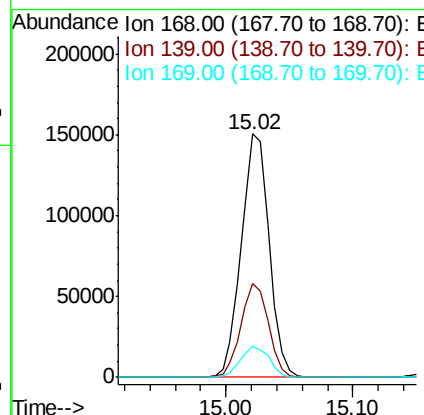
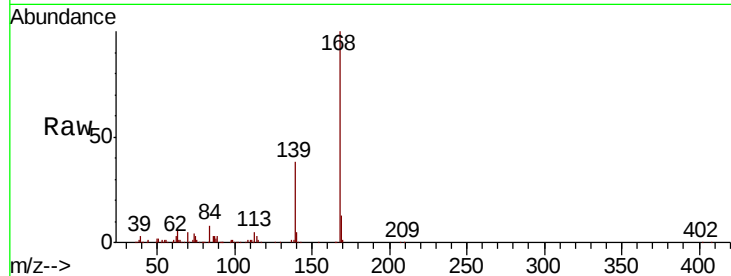
#55
Dibenzofuran
Concen: 7.319 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.2	48.2
169	12.8	11.8	17.8

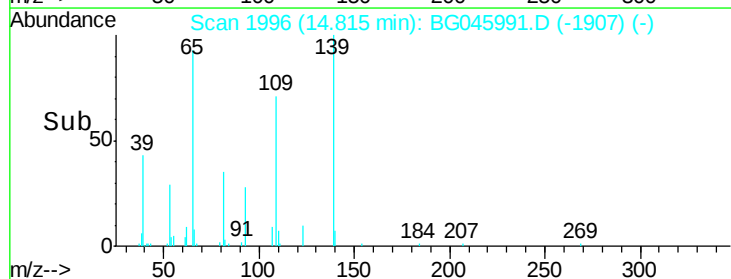
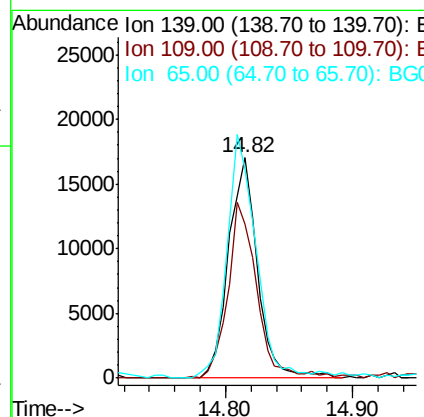
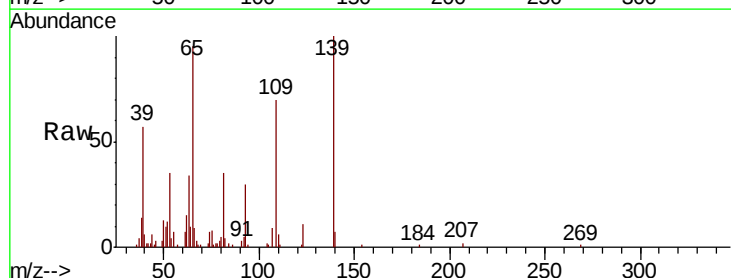
Manual Integrations
APPROVED

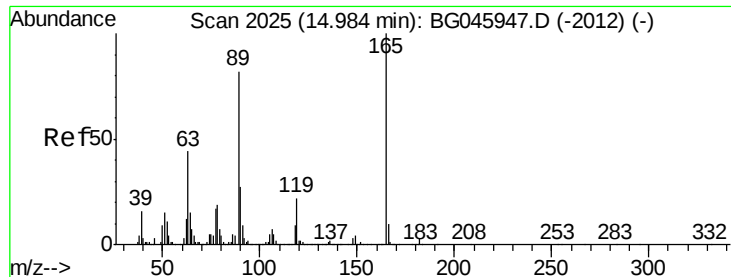
mohammad
7/10/2020 11:47:03 AM



#56
4-Nitrophenol
Concen: 6.292 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	58.5	98.5
65	95.0	84.7	124.7





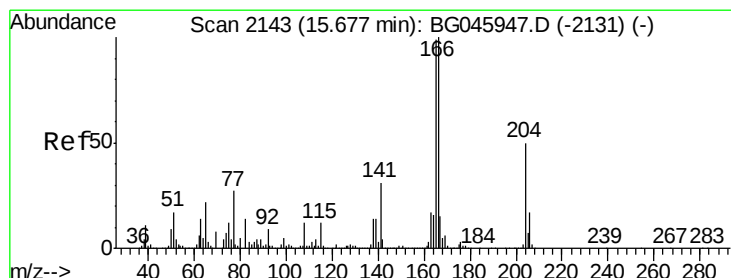
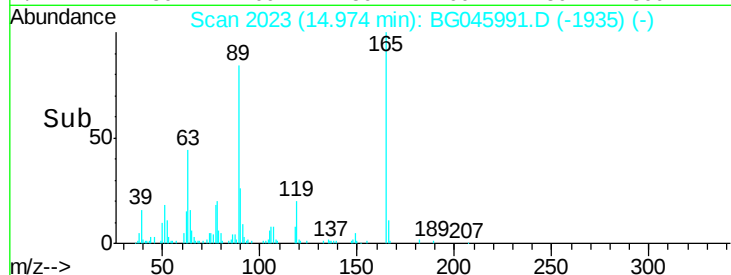
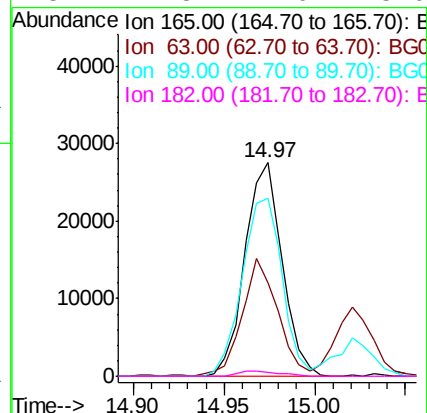
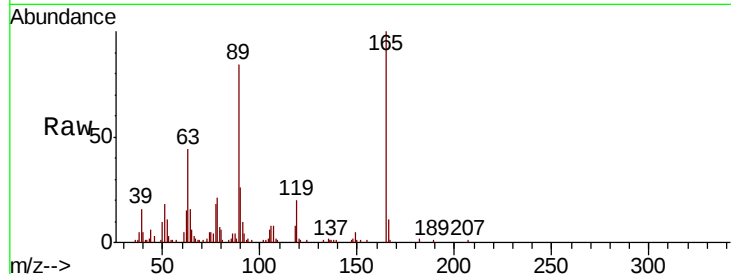
#57
 2,4-Dinitrotoluene
 Concen: 7.790 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	39327		
63	43.7		35.4	53.0
89	83.6		65.4	98.2
182	1.8		2.0	3.0#

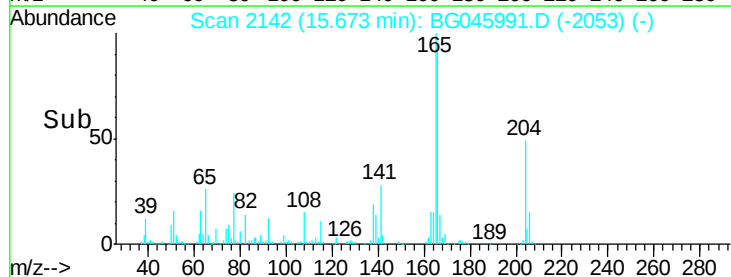
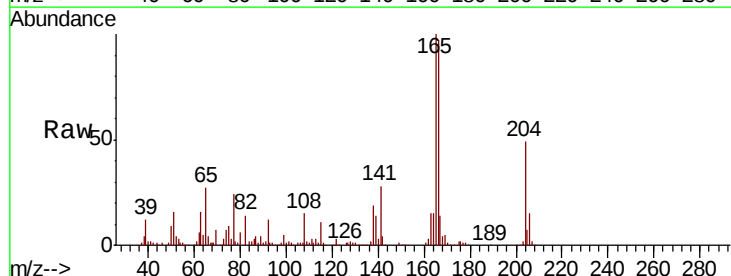
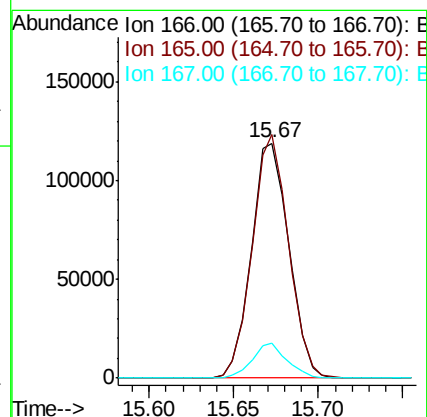
Manual Integrations
 APPROVED

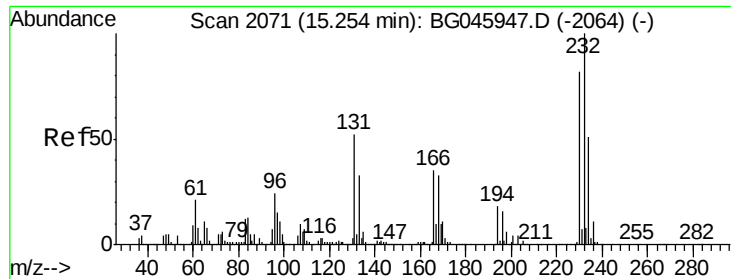
mohammad
 7/10/2020 11:47:03 AM



#58
 Fluorene
 Concen: 7.182 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	183026		
165	103.6		78.9	118.3
167	14.6		12.1	18.1





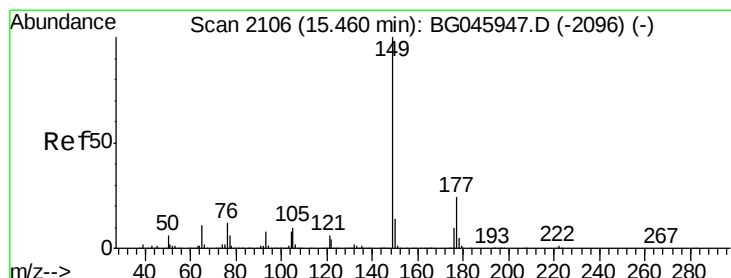
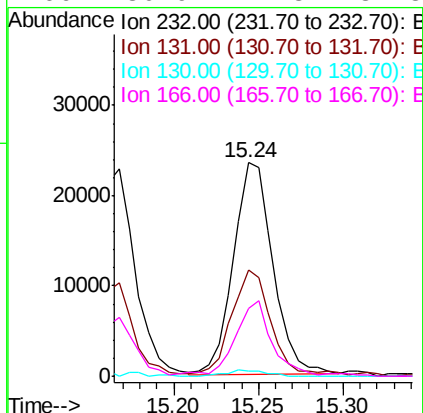
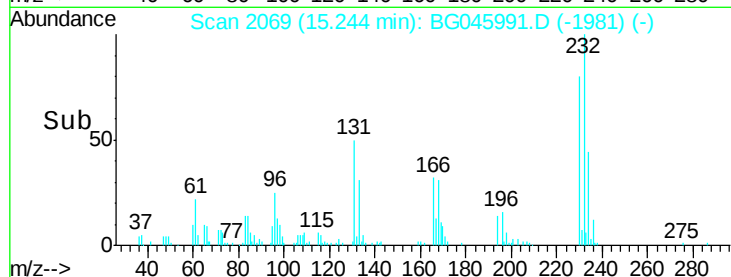
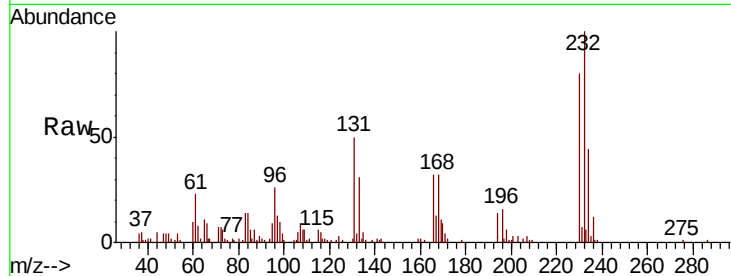
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.536 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:	232	Resp:	38161
Ion Ratio	Lower	Upper	
232	100		
131	49.5	35.8	53.6
130	2.8	2.5	3.7
166	30.9	21.8	32.8

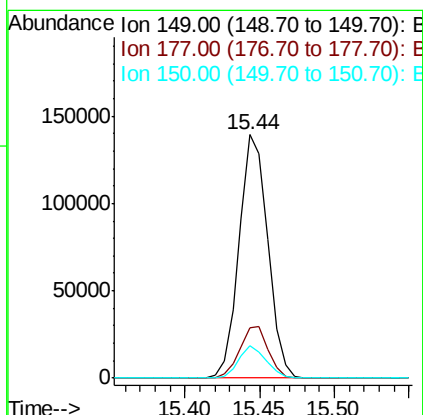
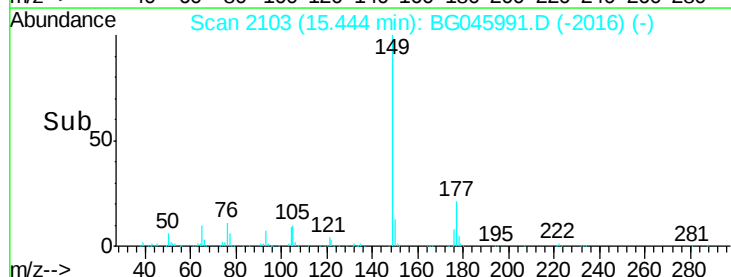
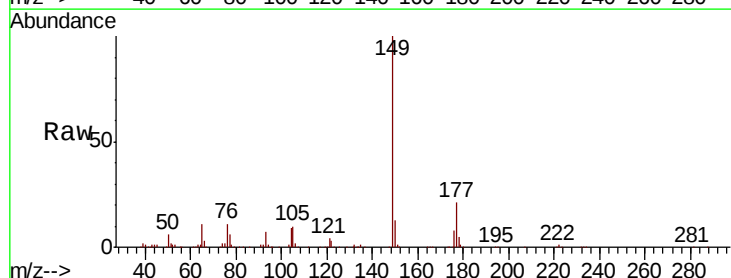
Manual Integrations
APPROVED

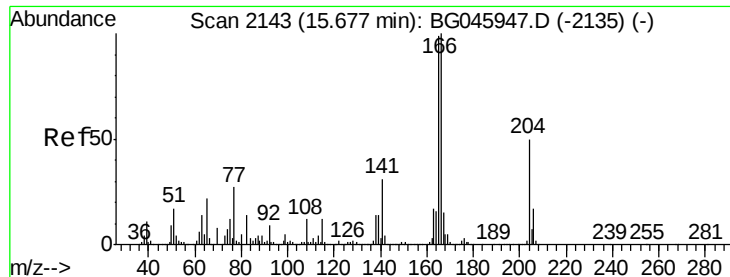
mohammad
7/10/2020 11:47:03 AM



#60
Diethylphthalate
Concen: 6.731 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:	149	Resp:	185874
Ion Ratio	Lower	Upper	
149	100		
177	20.7	19.0	28.4
150	13.1	11.0	16.4





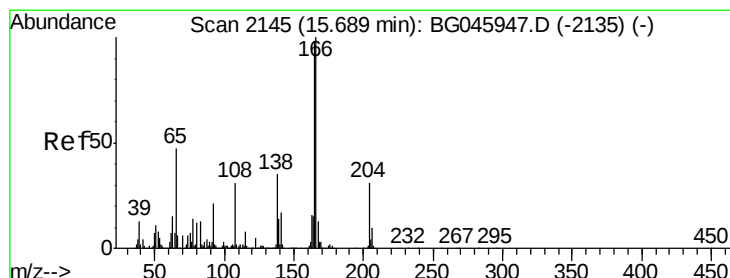
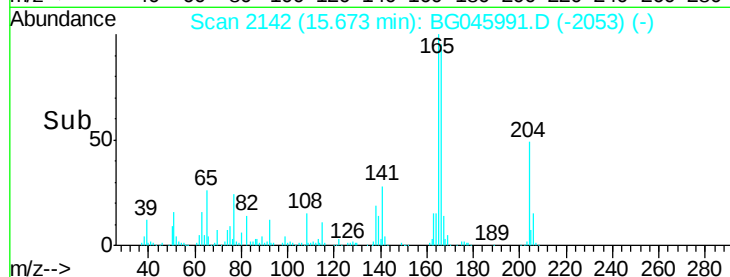
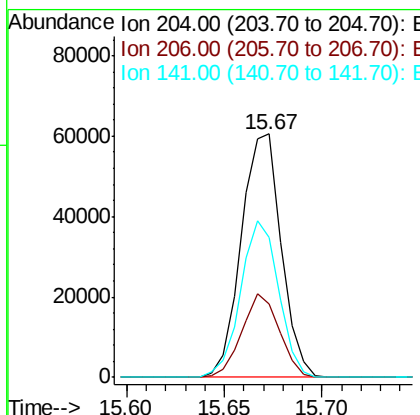
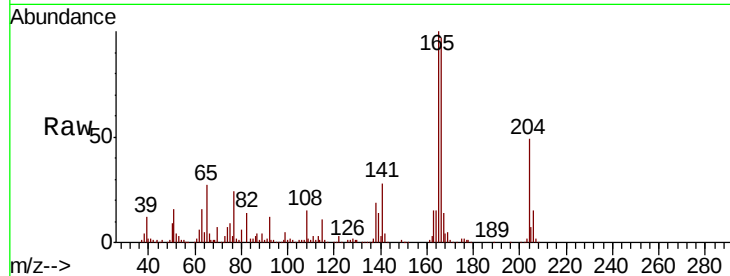
#61
4-Chlorophenyl-phenylether
Concen: 6.773 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.1	27.1	40.7
141	57.5	49.8	74.8

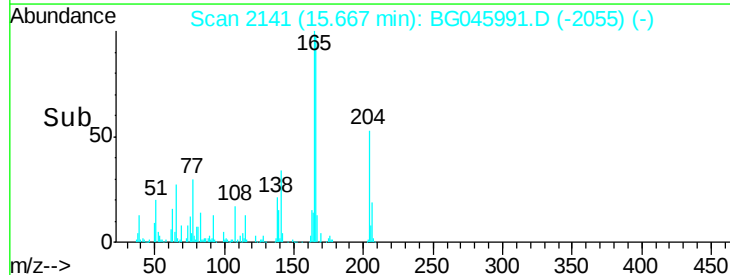
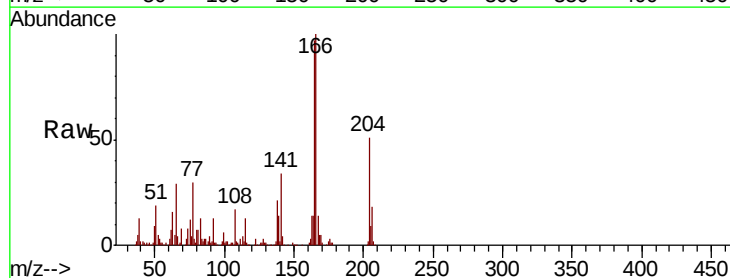
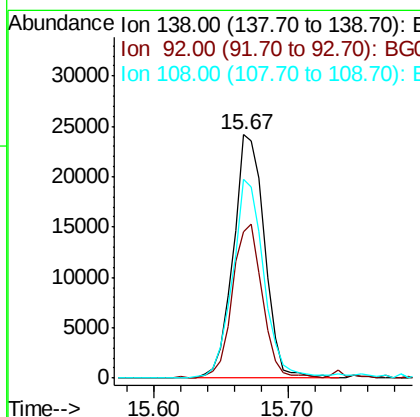
Manual Integrations
APPROVED

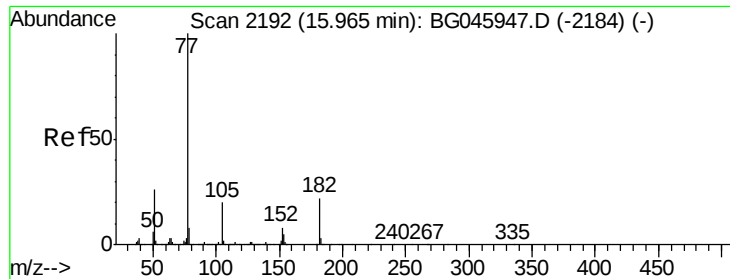
mohammad
7/10/2020 11:47:03 AM



#62
4-Nitroaniline
Concen: 7.194 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.2	40.3	80.3
108	81.5	68.0	108.0





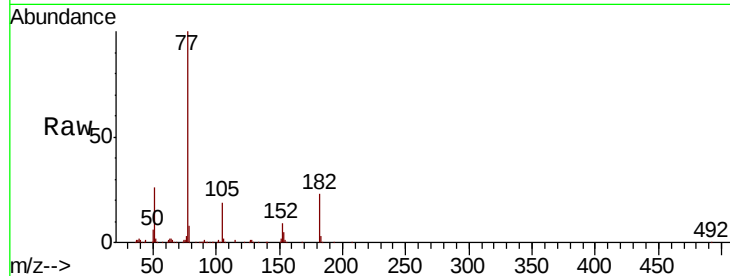
#63
Azobenzene
Concen: 7.190 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

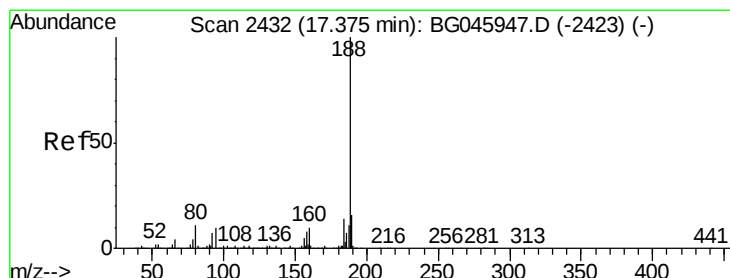
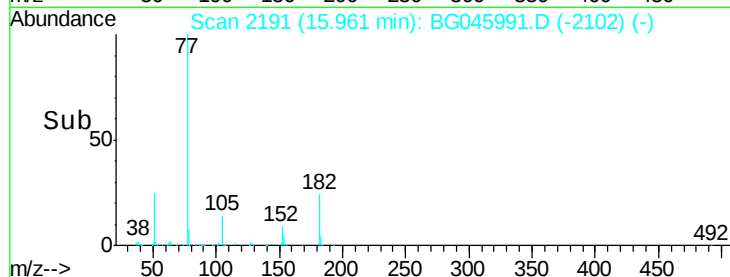
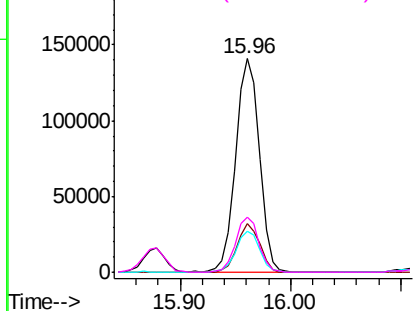
Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.4	42.4
105	19.3	0.3	40.3
51	25.7	6.3	46.3

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



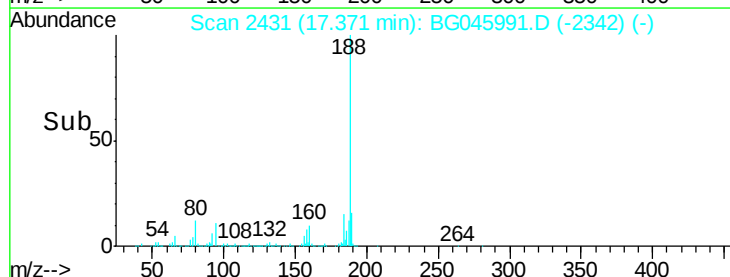
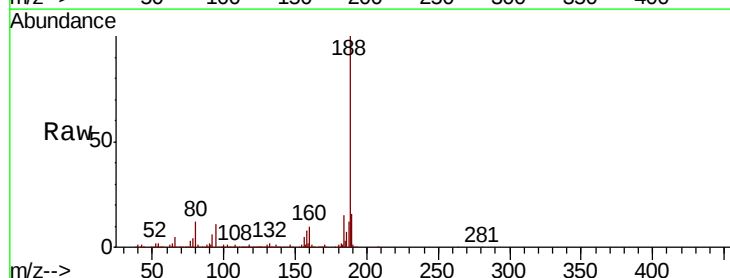
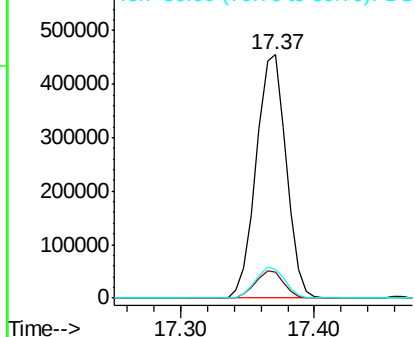
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

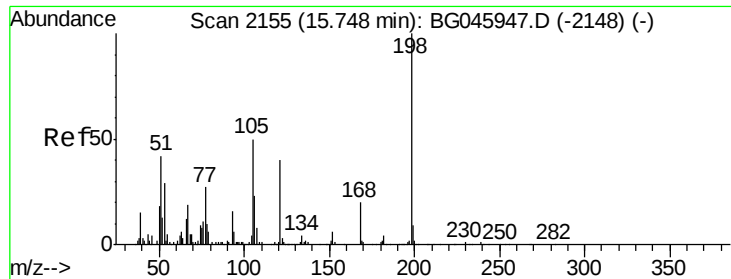


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	11.7	9.0	13.6

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





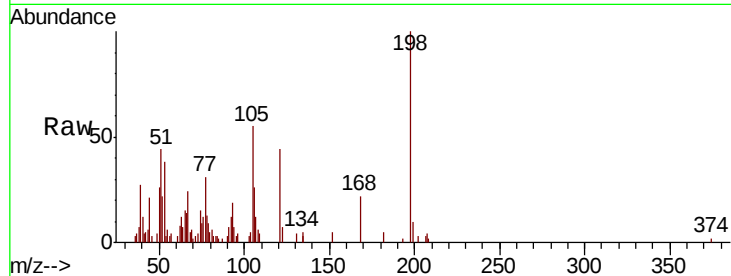
#65
4,6-Dinitro-2-methylphenol
Concen: 5.439 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.4	24.5	64.5	
105	54.7	30.9	70.9	

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM

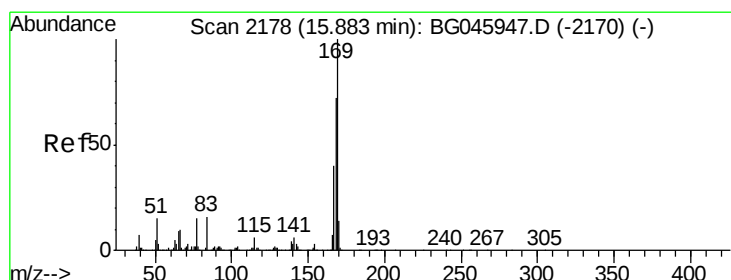
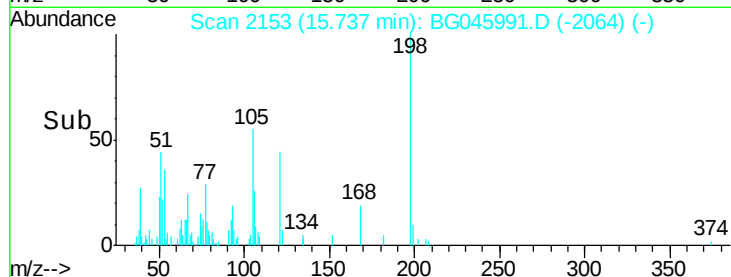
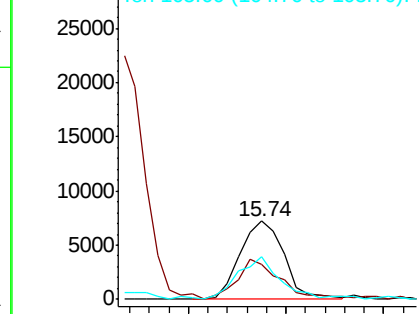


Abundance

Ion 198.00 (197.70 to 198.70): E

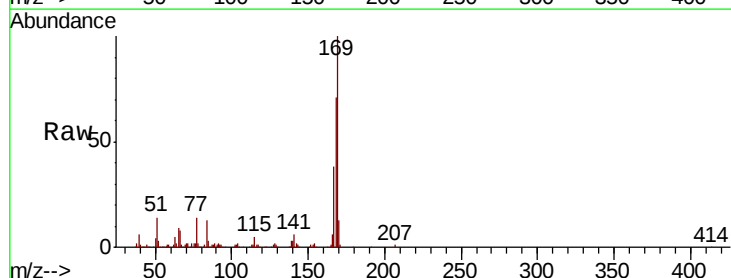
Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 7.260 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	71.5	57.3	85.9	
167	38.1	32.1	48.1	

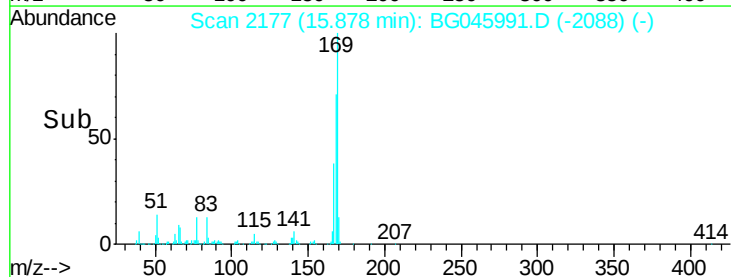
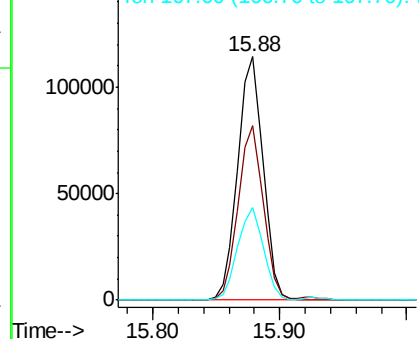


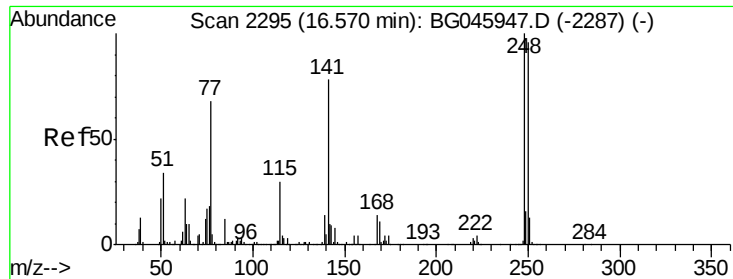
Abundance

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





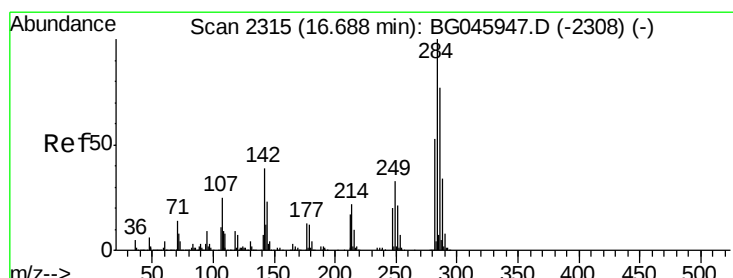
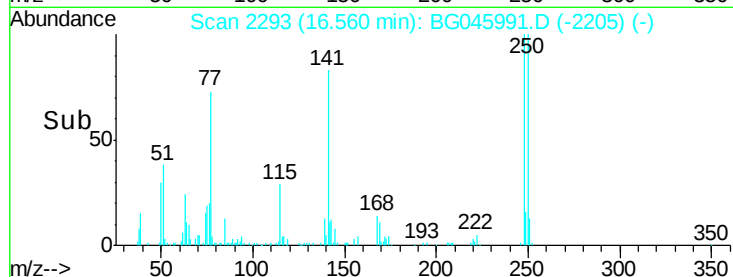
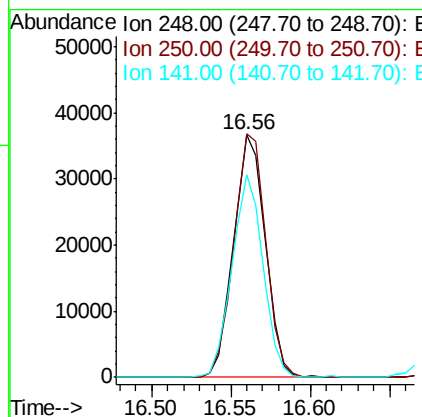
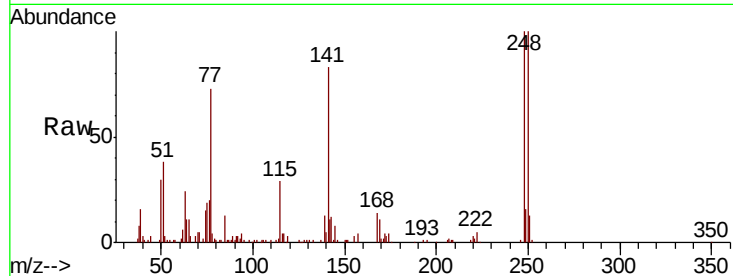
#67
4-Bromophenyl-phenylether
Concen: 6.455 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	76.6	114.8
141	83.6	62.7	94.1

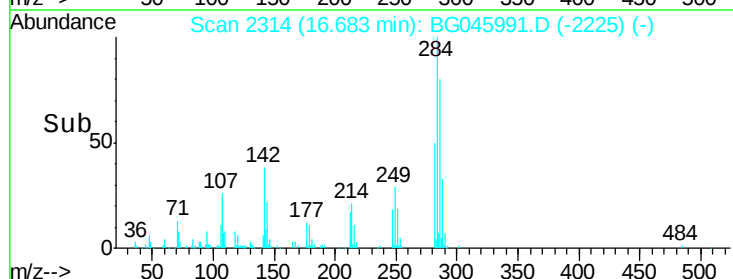
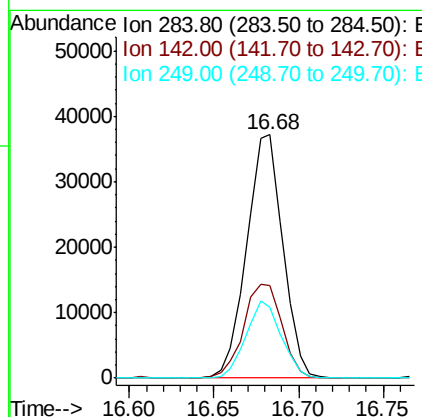
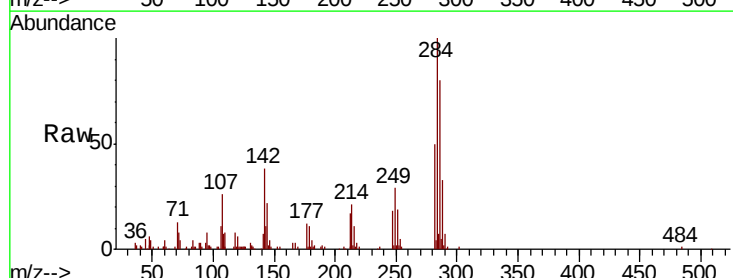
Manual Integrations
APPROVED

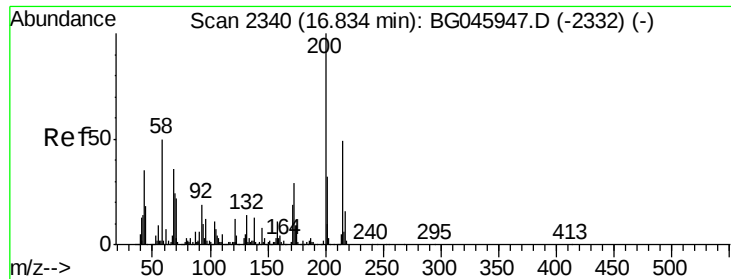
mohammad
7/10/2020 11:47:03 AM



#68
Hexachlorobenzene
Concen: 7.039 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	31.3	46.9
249	29.0	26.8	40.2





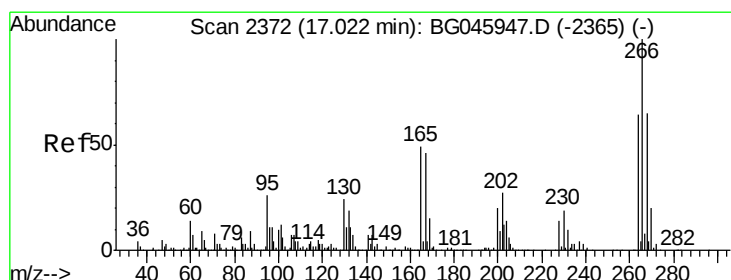
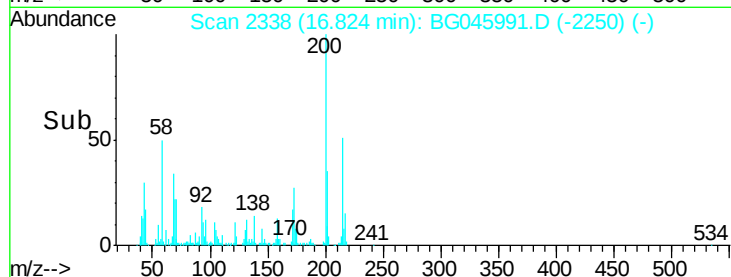
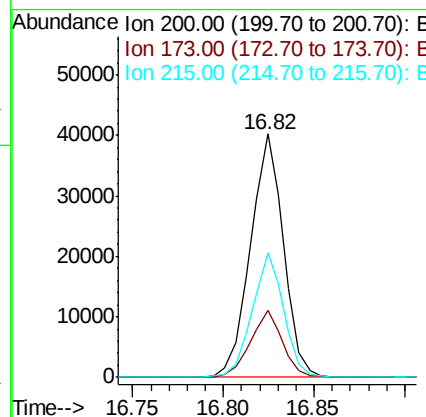
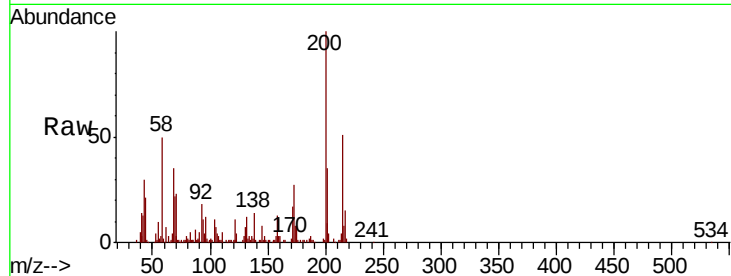
#69
Atrazine
Concen: 7.890 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.1	49.1
215	51.2	28.8	68.8

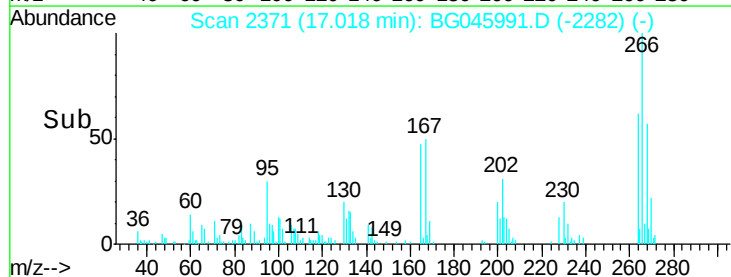
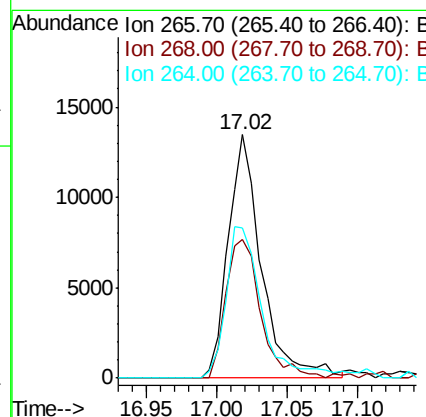
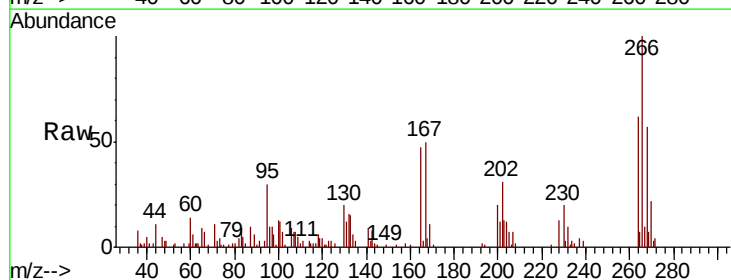
Manual Integrations
APPROVED

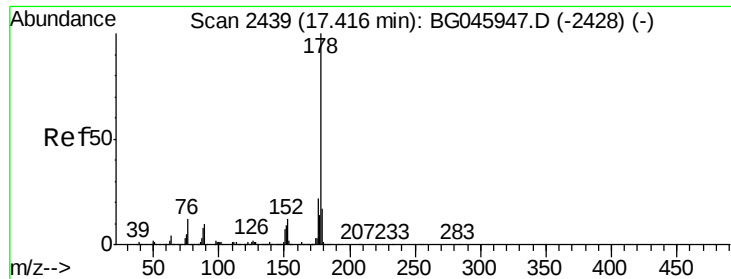
mohammad
7/10/2020 11:47:03 AM



#70
Pentachlorophenol
Concen: 5.063 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.7	51.8	77.8
264	61.8	51.4	77.0





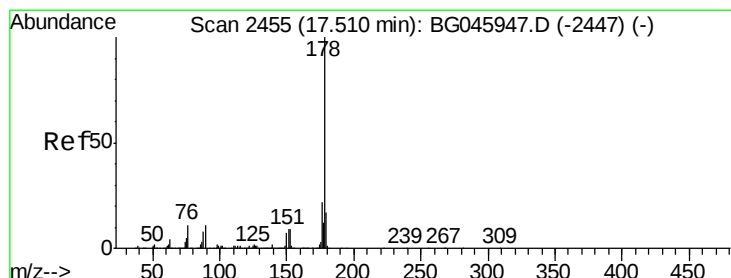
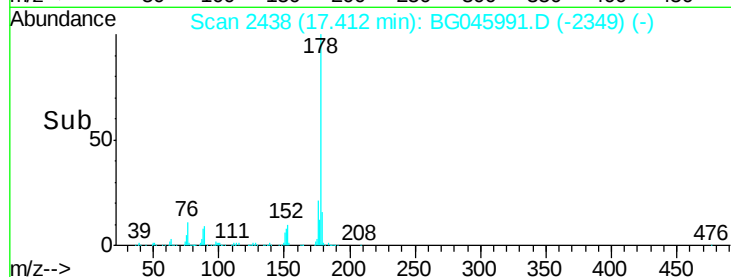
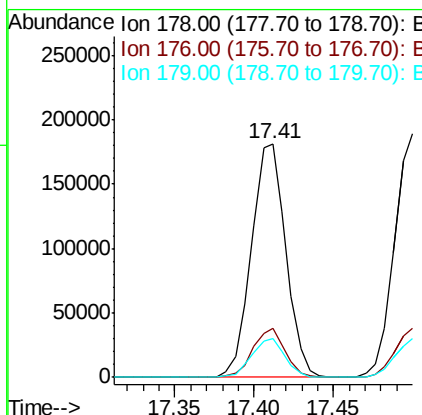
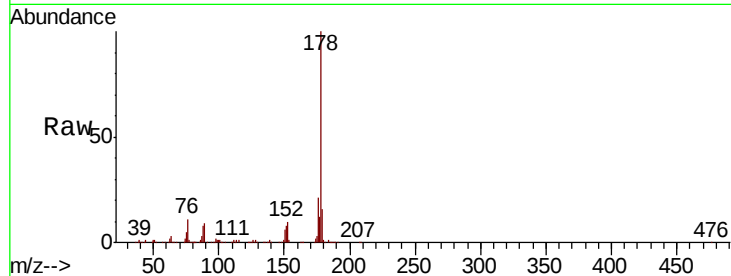
#71
Phenanthrene
Concen: 7.398 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.4	26.2
179	16.4	13.4	20.2

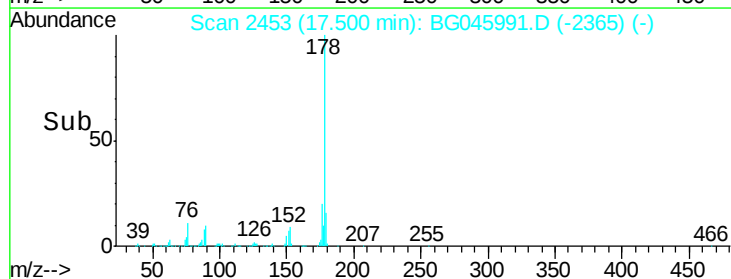
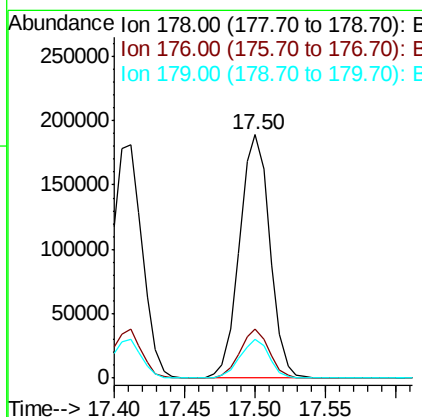
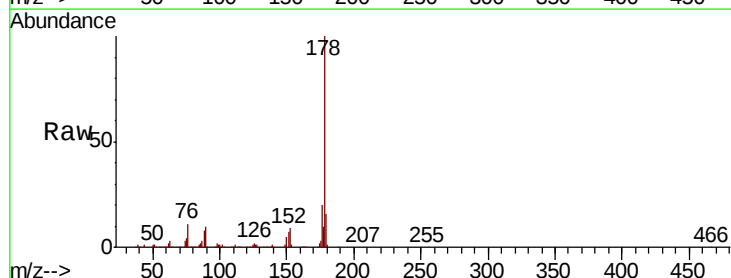
Manual Integrations
APPROVED

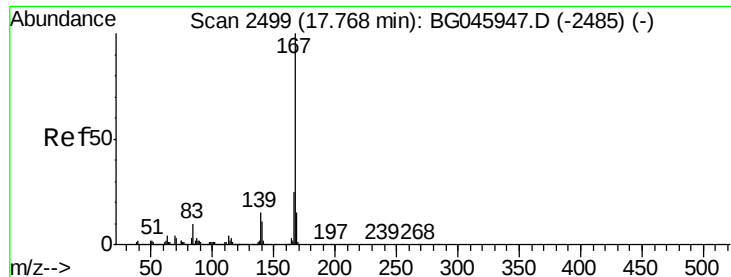
mohammad
7/10/2020 11:47:03 AM



#72
Anthracene
Concen: 7.492 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	16.0	14.0	21.0





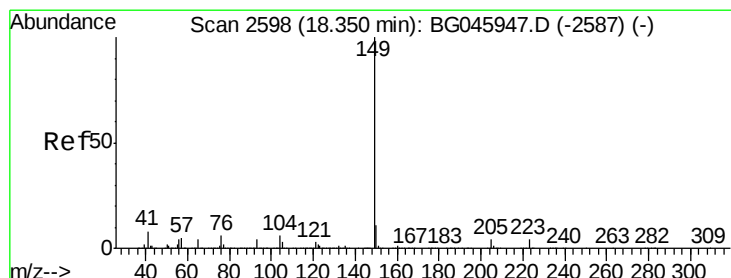
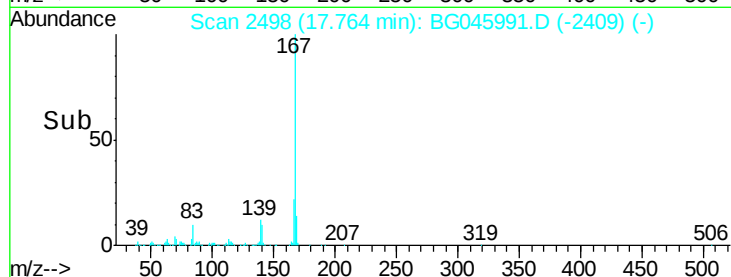
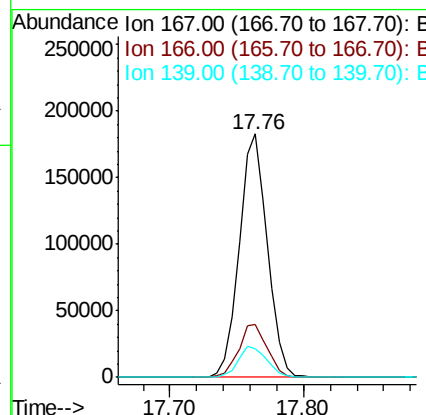
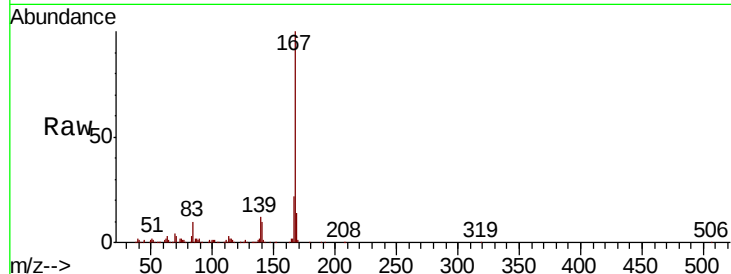
#73
 Carbazole
 Concen: 7.039 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	20.4	30.6
139	11.7	11.8	17.8

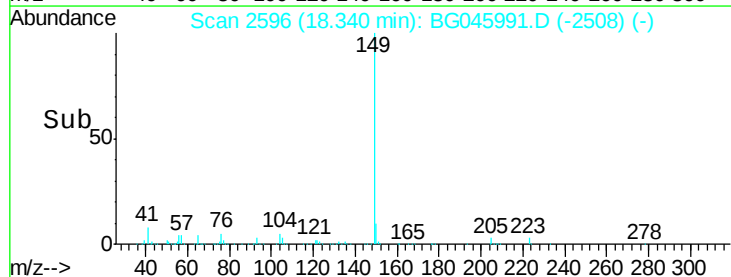
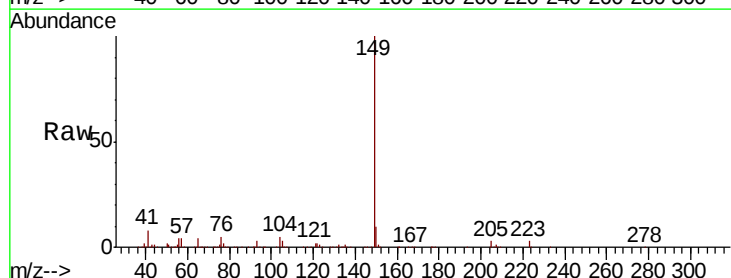
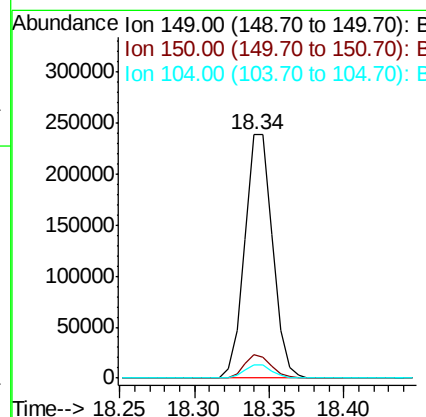
Manual Integrations
 APPROVED

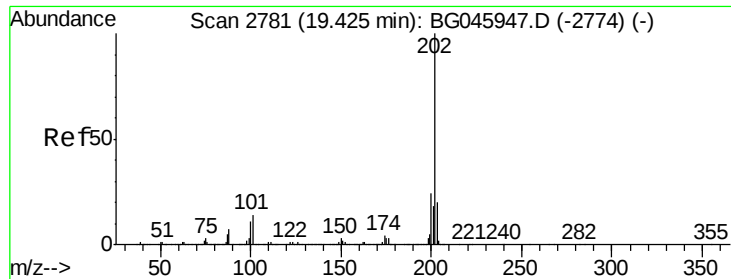
mohammad
 7/10/2020 11:47:03 AM



#74
 Di-n-butylphthalate
 Concen: 6.754 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.0	13.4
104	5.2	5.2	7.8





#75

Fluoranthene

Concen: 7.332 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

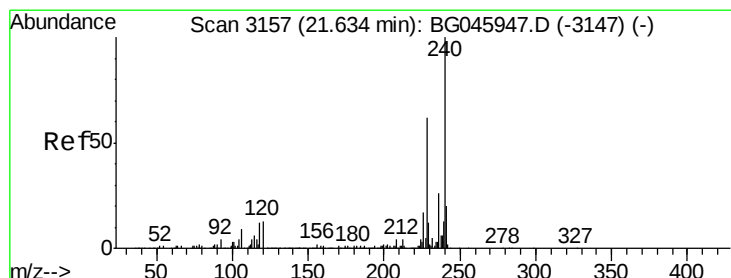
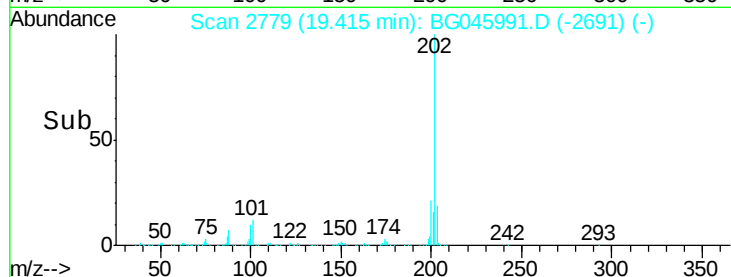
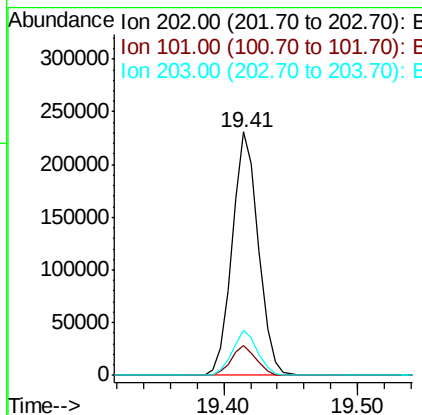
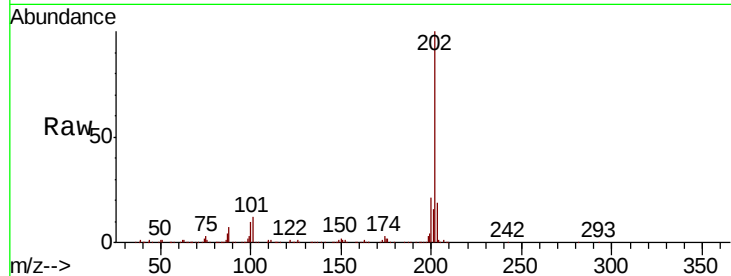
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	202	Resp:	314603
Ion Ratio		Lower	Upper
202	100		
101	12.2	0.0	33.8
203	18.8	0.4	40.4

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



#76

Chrysene-d12

Concen: 20.000 ng

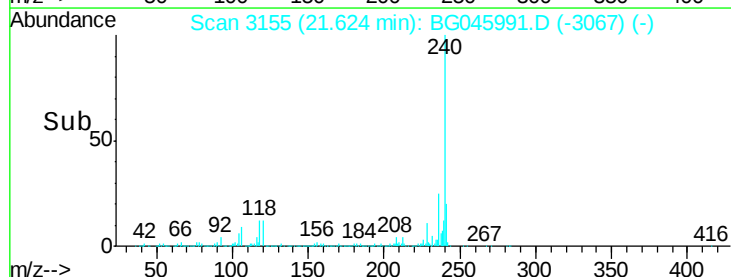
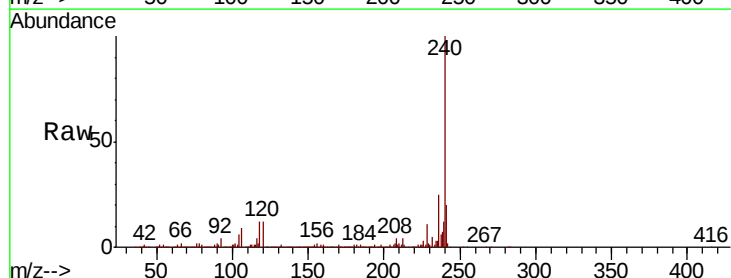
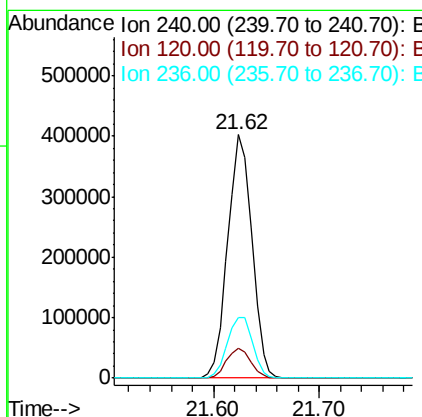
RT: 21.62 min Scan# 3155

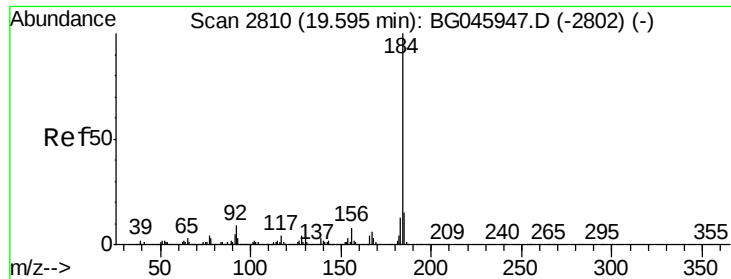
Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:	240	Resp:	637491
Ion Ratio		Lower	Upper
240	100		
120	12.1	10.6	16.0
236	25.1	20.4	30.6





#77

Benzidine

Concen: 8.422 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

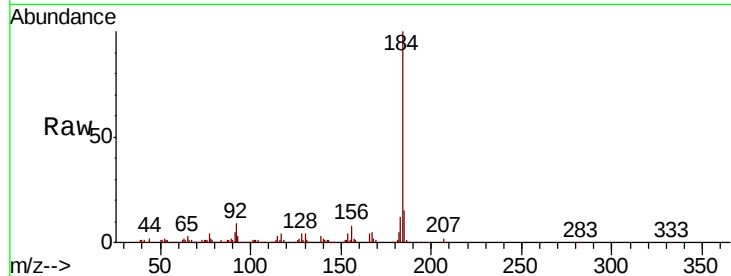
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	184	Resp:	153506
Ion Ratio		Lower	Upper
184	100		
185	15.4	11.6	17.4
183	11.6	10.4	15.6

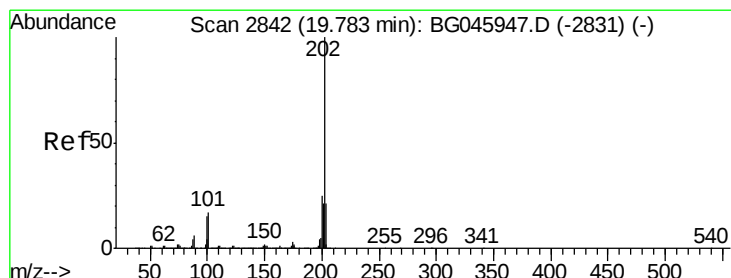
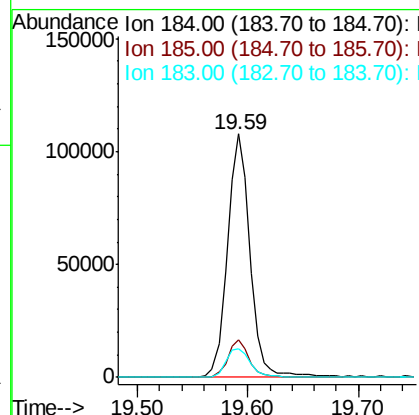
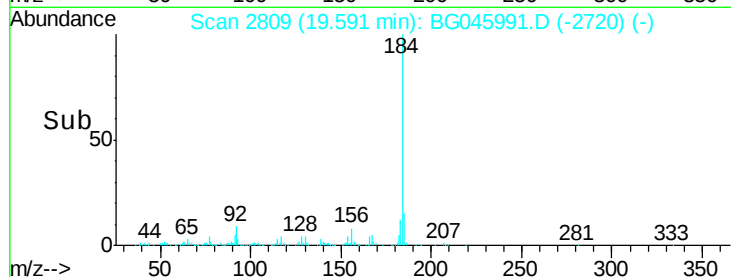
Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



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

19.59



#78

Pyrene

Concen: 7.500 ng

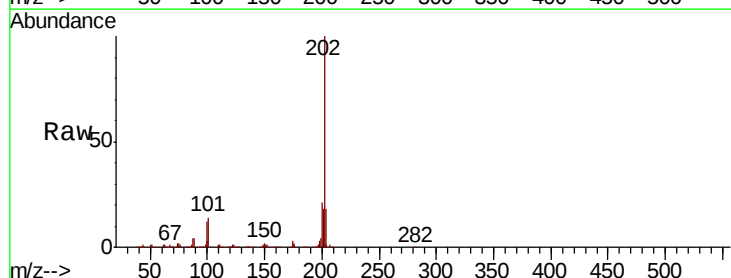
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045991.D

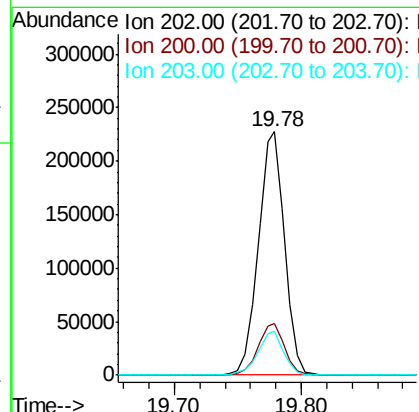
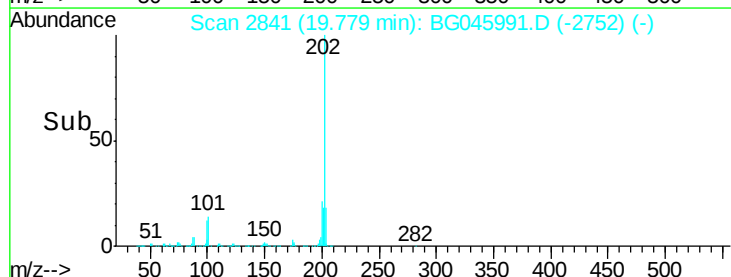
Acq: 9 Jul 2020 11:45

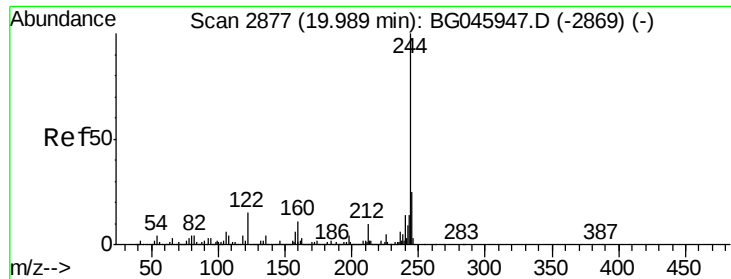
Tgt Ion:	202	Resp:	326370
Ion Ratio		Lower	Upper
202	100		
200	21.0	20.1	30.1
203	17.9	16.5	24.7



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

19.78





#79

Terphenyl-d14

Concen: 59.241 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:244 Resp: 1696950

Ion Ratio Lower Upper

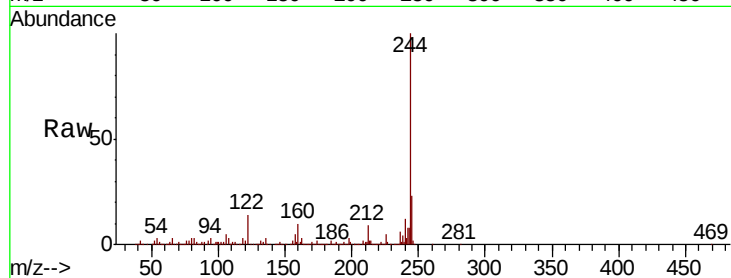
244 100

212 8.7 8.3 12.5

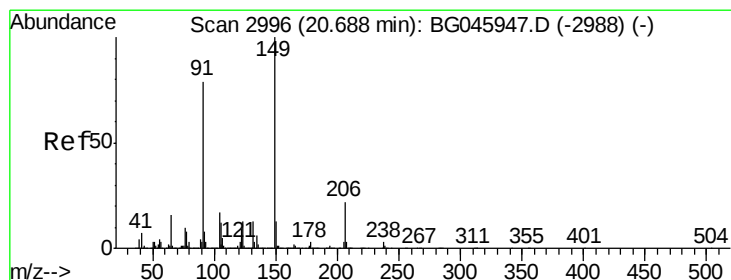
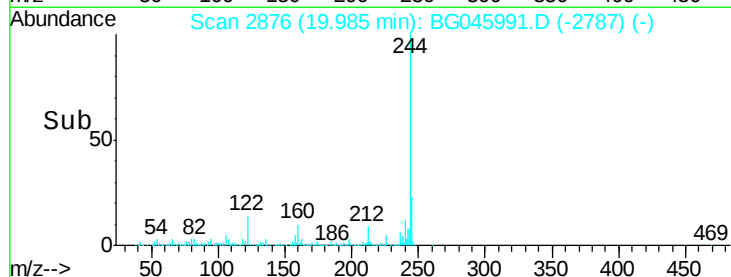
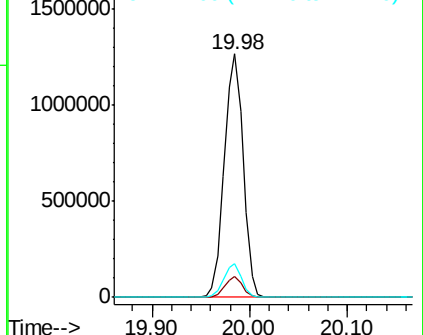
122 13.9 12.1 18.1

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM



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: 6.089 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

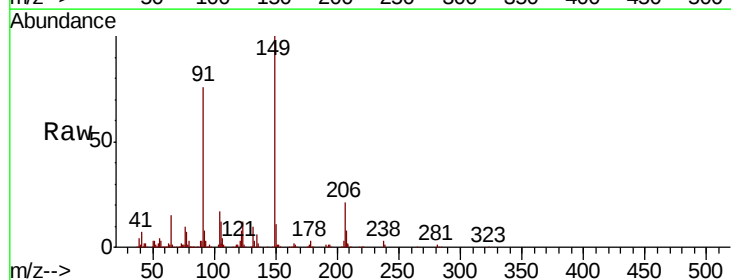
Tgt Ion:149 Resp: 125202

Ion Ratio Lower Upper

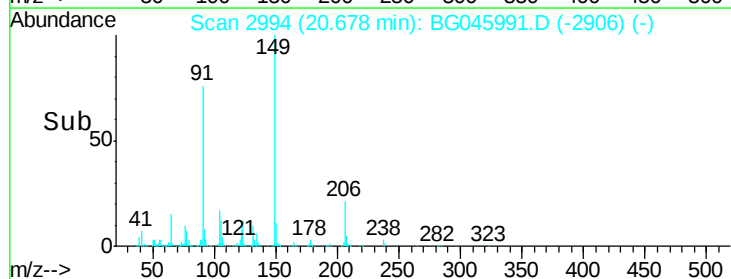
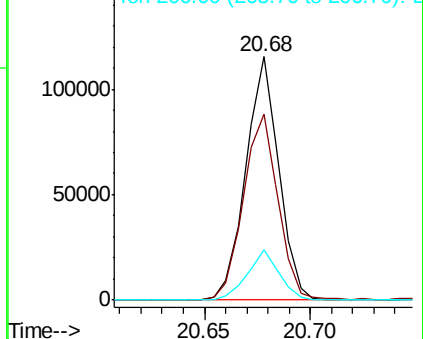
149 100

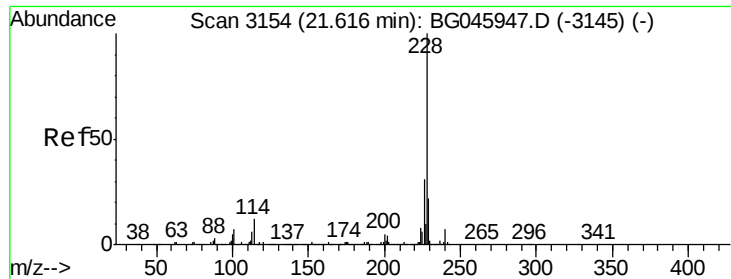
91 76.3 63.1 94.7

206 20.6 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E





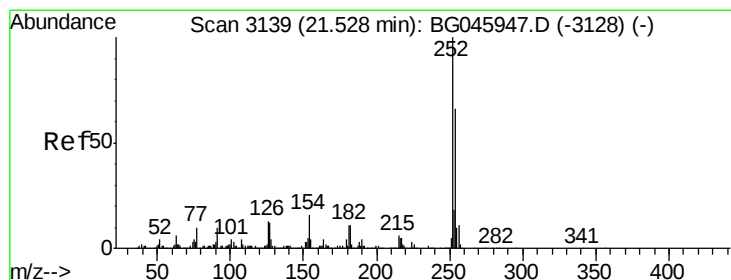
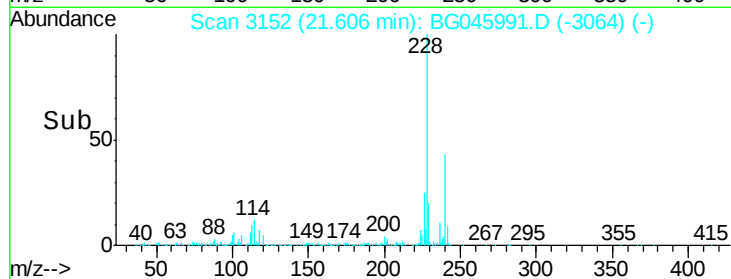
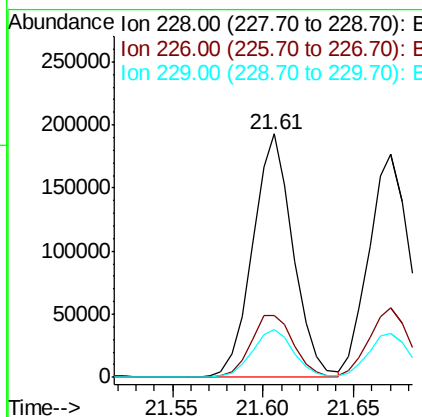
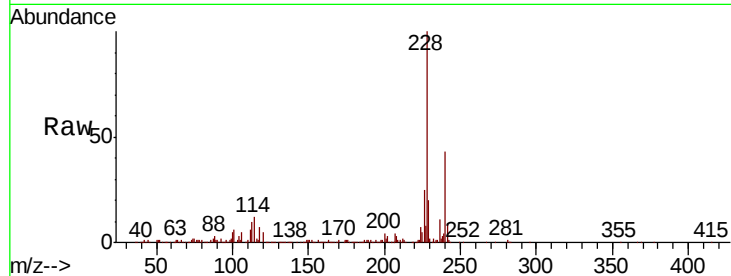
#81
Benzo(a)anthracene
Concen: 7.155 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.3	24.8	37.2
229	19.8	17.8	26.8

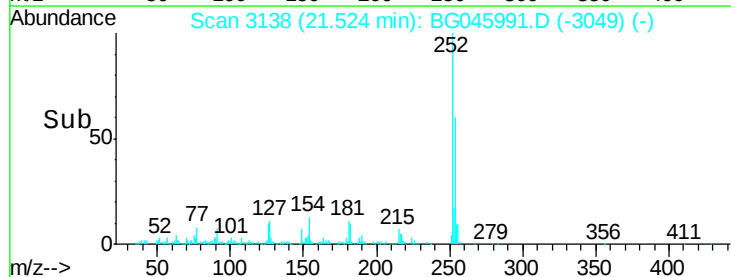
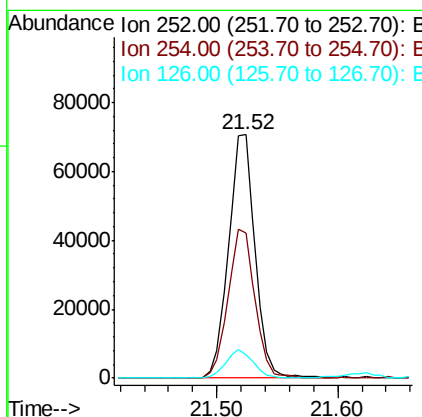
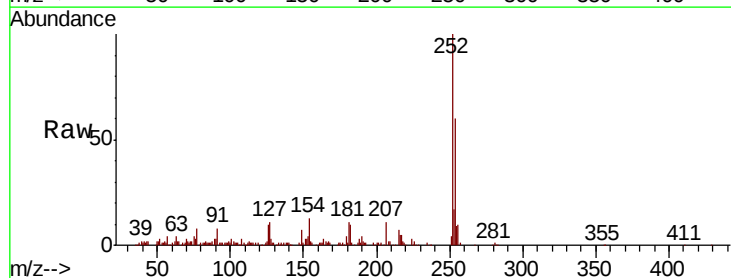
Manual Integrations
APPROVED

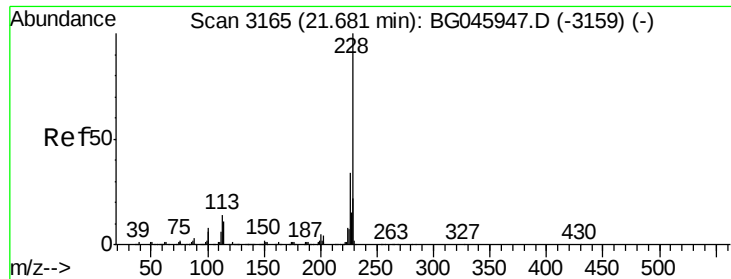
mohammad
7/10/2020 11:47:03 AM



#82
3,3'-Dichlorobenzidine
Concen: 6.965 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.7	52.9	79.3
126	9.9	10.4	15.6#





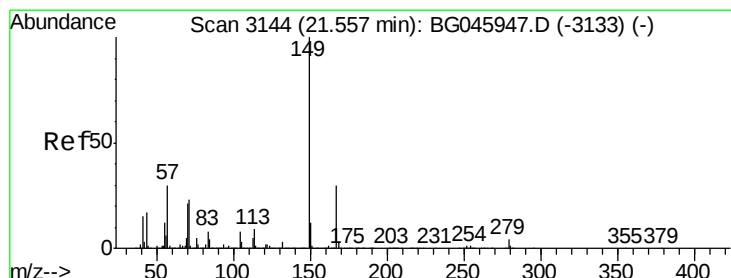
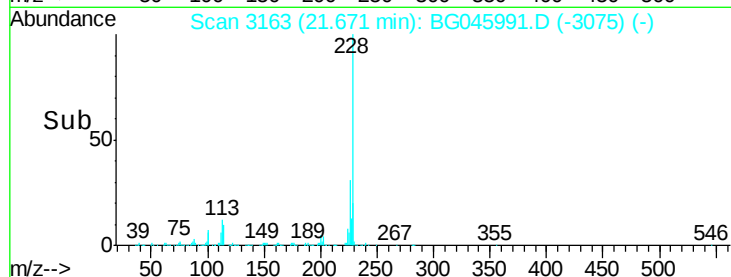
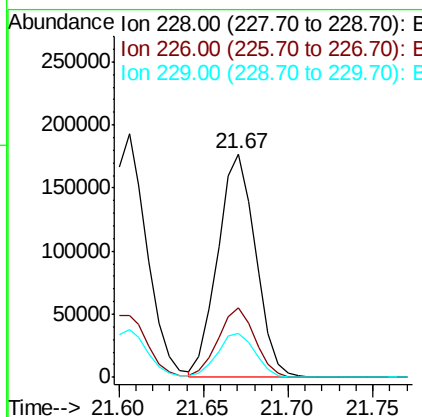
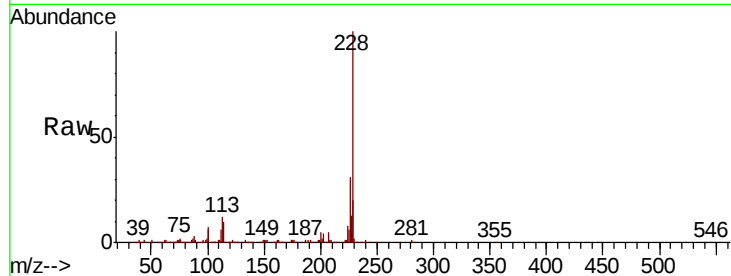
#83
Chrysene
Concen: 6.923 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.7	40.1
229	20.0	17.3	25.9

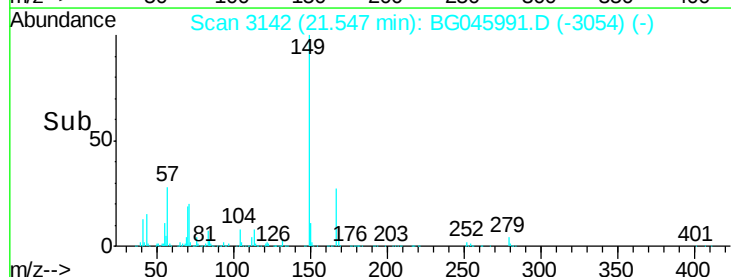
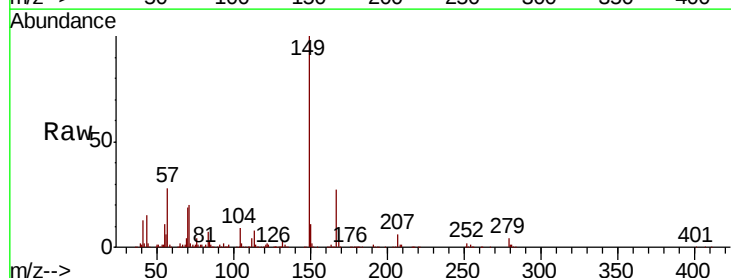
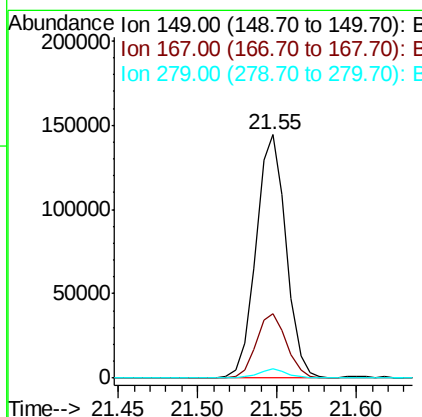
Manual Integrations
APPROVED

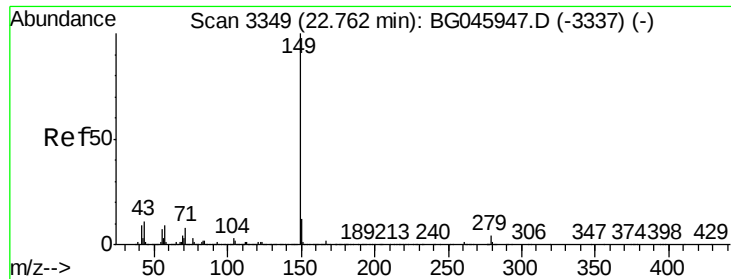
mohammad
7/10/2020 11:47:03 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.370 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.8	35.8
279	3.8	3.5	5.3





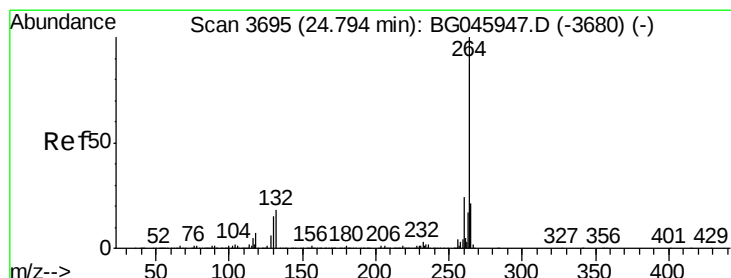
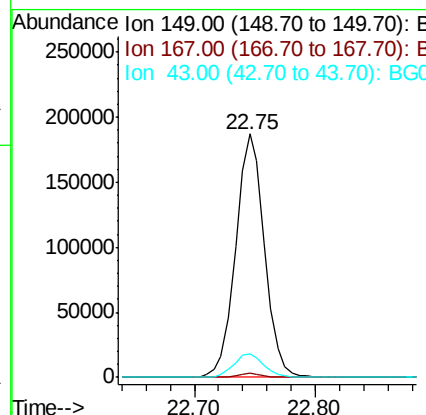
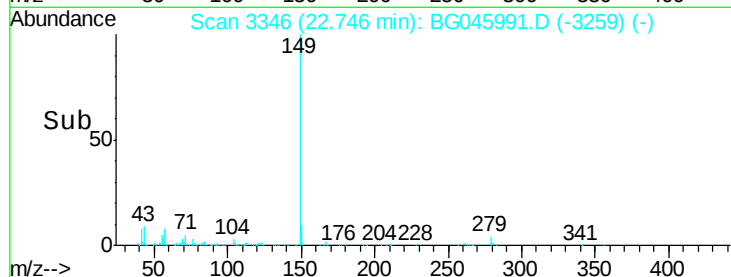
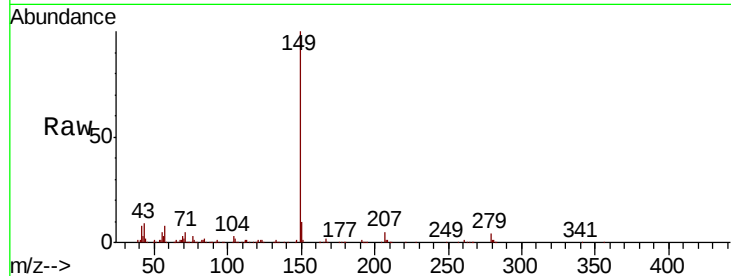
#85
Di-n-octyl phthalate
Concen: 5.956 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.4	2.0
43	9.8	8.6	12.8

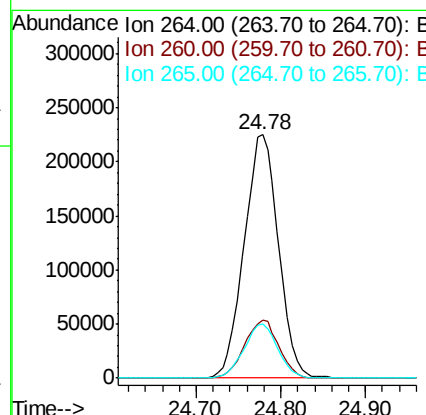
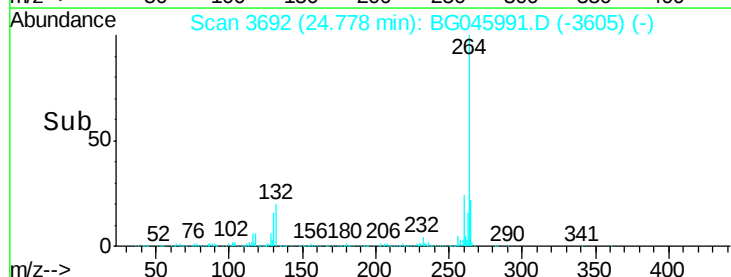
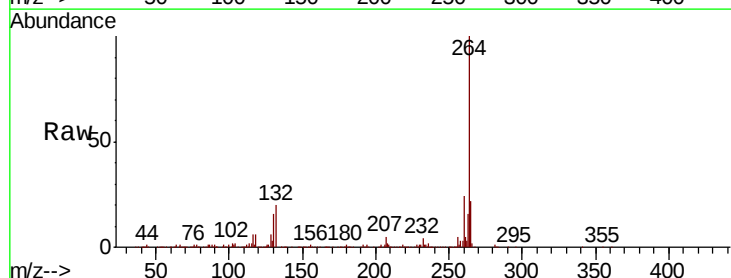
Manual Integrations
APPROVED

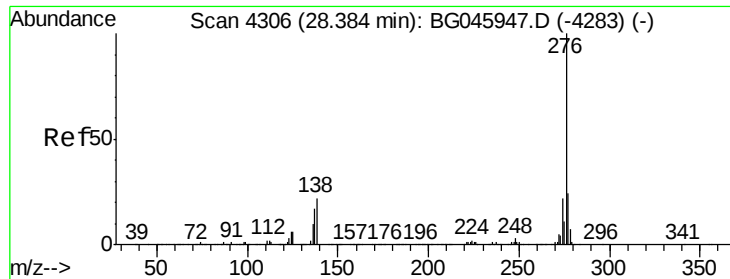
mohammad
7/10/2020 11:47:03 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.2	16.9	25.3





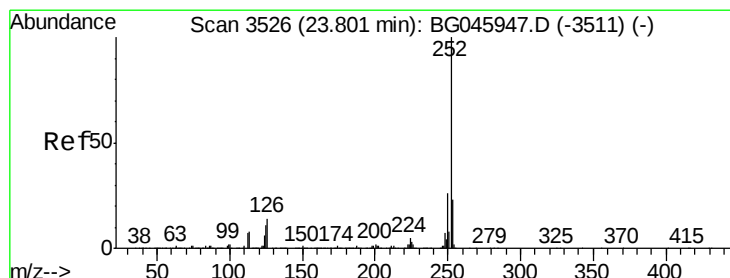
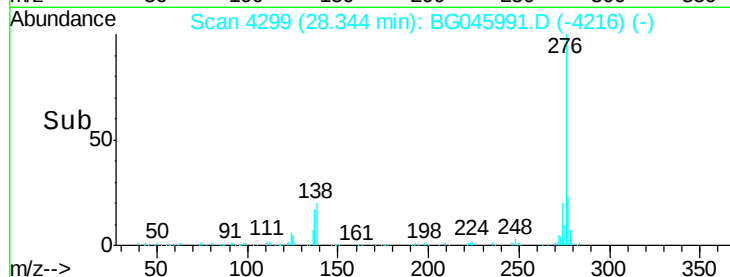
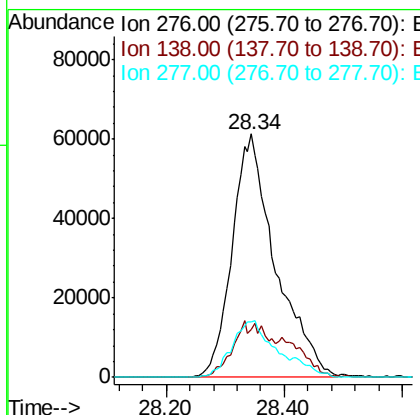
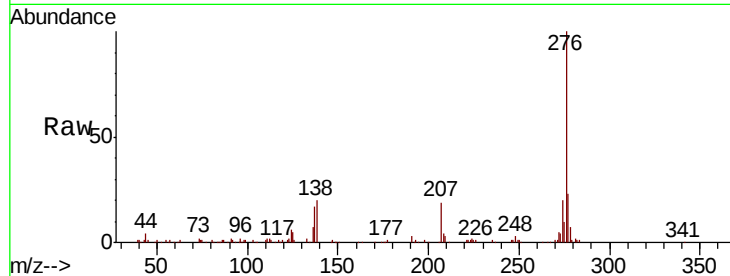
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.743 ng
 RT: 28.34 min Scan# 4299
 Delta R.T. -0.04 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.4	24.6#
277	21.5	20.6	31.0

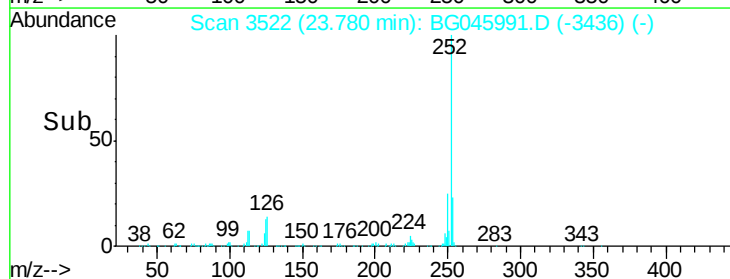
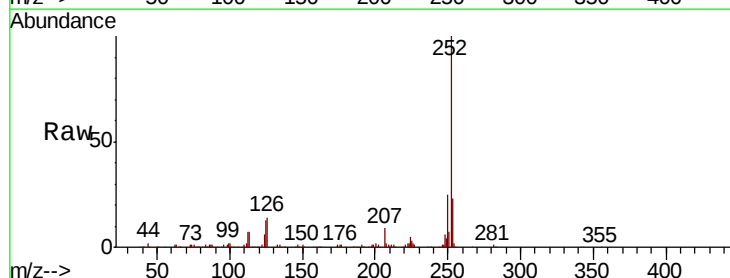
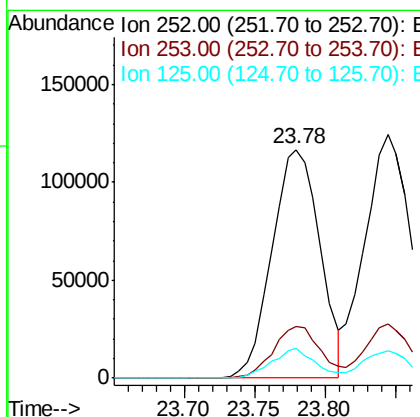
Manual Integrations
 APPROVED

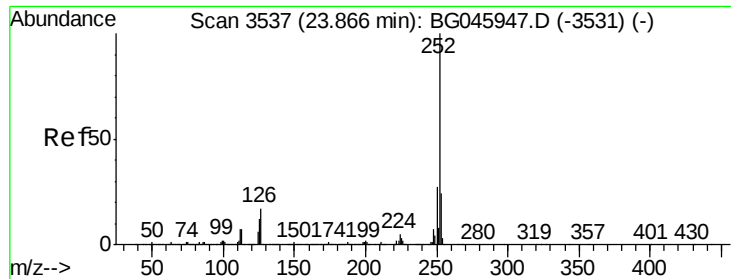
mohammad
 7/10/2020 11:47:03 AM



#88
 Benzo(b)fluoranthene
 Concen: 6.870 ng
 RT: 23.78 min Scan# 3522
 Delta R.T. -0.02 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.3	9.2	13.8





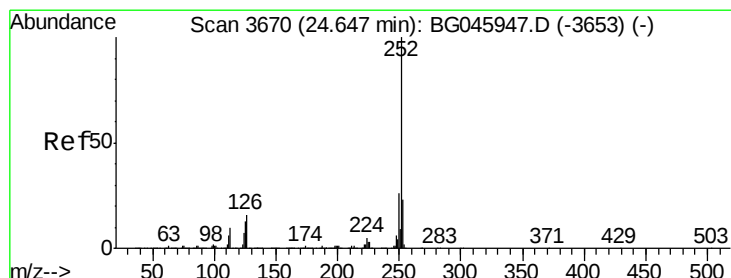
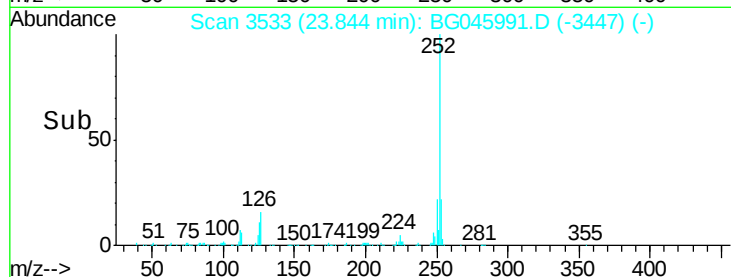
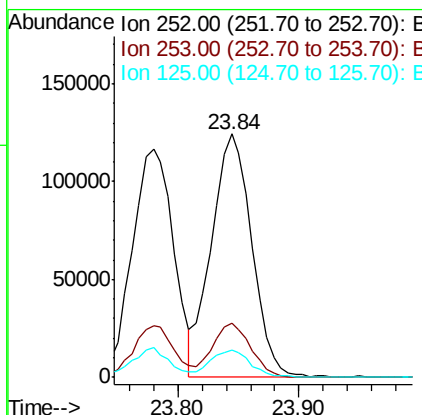
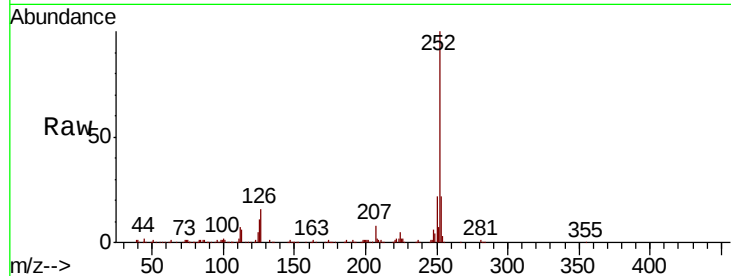
#89
Benzo(k)fluoranthene
Concen: 7.519 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.5	9.6	14.4

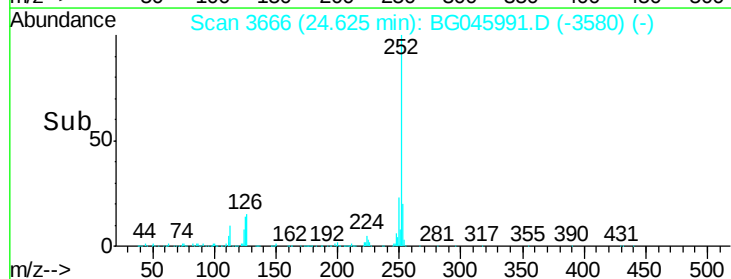
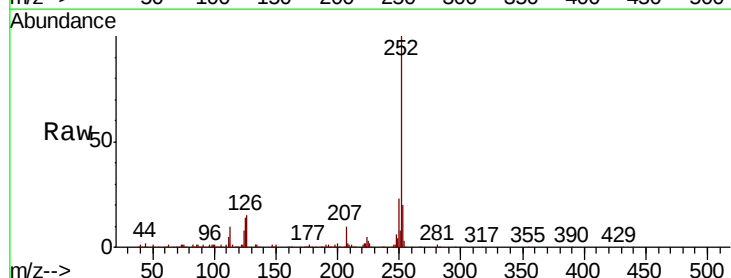
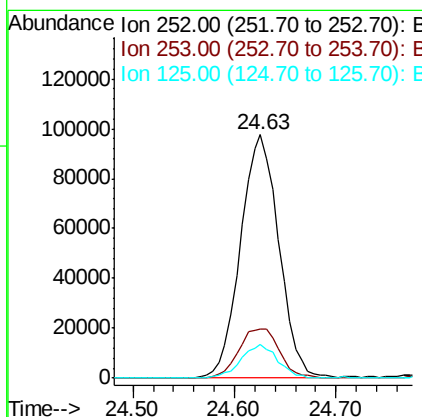
Manual Integrations
APPROVED

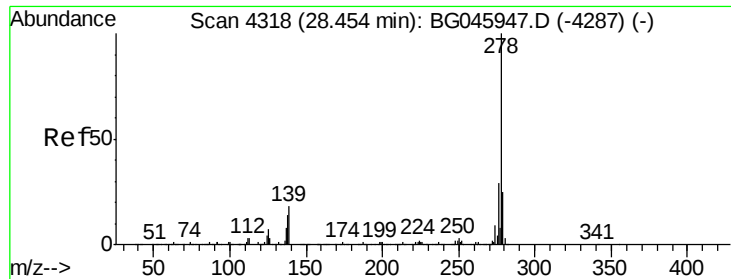
mohammad
7/10/2020 11:47:03 AM



#90
Benzo(a)pyrene
Concen: 6.781 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.6	28.0
125	13.8	10.5	15.7





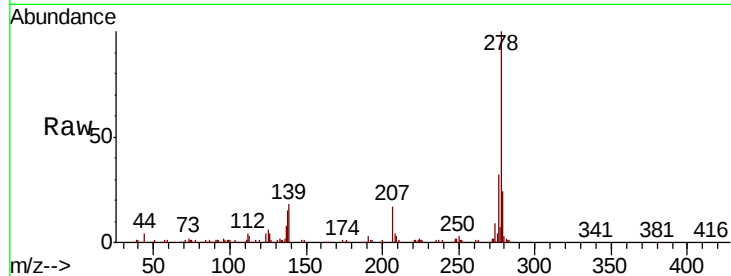
#91
Dibenzo(a,h)anthracene
Concen: 6.931 ng
RT: 28.41 min Scan# 4310
Delta R.T. -0.05 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	24.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:03 AM

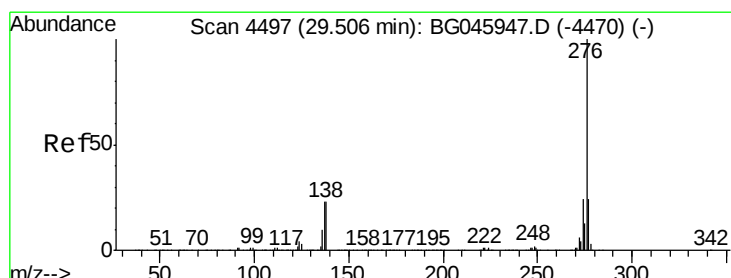
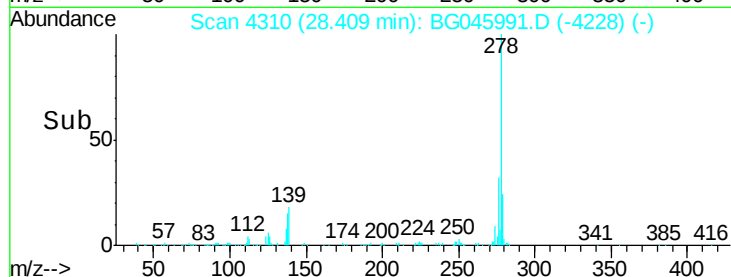
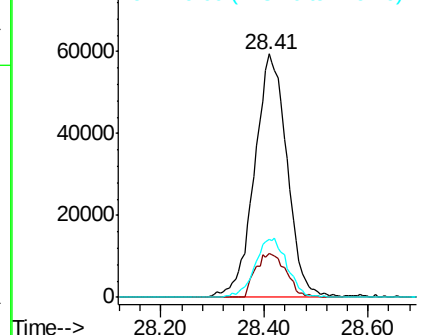


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.001 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.06 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.4	19.4	29.0
138	22.6	18.6	28.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

