

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045995.D
 Acq On : 9 Jul 2020 15:15
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-WTR-4PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 16:18:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	155028	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	636270	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	385236	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	774432	20.00	ng	0.00
76) Chrysene-d12	21.63	240	688902	20.00	ng	0.00
86) Perylene-d12	24.78	264	677997	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1259040	131.70	ng	0.00
7) Phenol-d6	7.16	99	1801611	130.90	ng	0.00
23) Nitrobenzene-d5	9.16	82	919249	83.16	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	507341	141.90	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1776032	71.91	ng	0.00
79) Terphenyl-d14	19.98	244	1806516	58.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	20798	4.716	ng	95
3) Pyridine	3.91	79	41165	3.087	ng	97
4) n-Nitrosodimethylamine	3.82	42	17361	3.850	ng	# 86
6) Aniline	7.33	93	63891	3.629	ng	99
8) 2-Chlorophenol	7.57	128	38053	3.698	ng	93
9) Benzaldehyde	7.14	77	45231	5.187	ng	95
10) Phenol	7.19	94	50744	3.675	ng	91
11) bis(2-Chloroethyl)ether	7.42	93	42235	3.699	ng	98
12) 1,3-Dichlorobenzene	7.90	146	42101	3.549	ng	96
13) 1,4-Dichlorobenzene	8.04	146	43160	3.699	ng	97
14) 1,2-Dichlorobenzene	8.36	146	39449	3.513	ng	95
15) Benzyl Alcohol	8.23	79	38039	3.525	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	52710	3.539	ng	96
17) 2-Methylphenol	8.44	107	33470	3.231	ng	99
18) Hexachloroethane	9.09	117	16476	3.670	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	36026	3.726	ng	96
20) 3+4-Methylphenols	8.76	107	43902	3.109	ng	92
22) Acetophenone	8.82	105	64050	3.768	ng	# 96
24) Nitrobenzene	9.20	77	51161	4.193	ng	97
25) Isophorone	9.73	82	95727	3.547	ng	98
26) 2-Nitrophenol	9.91	139	13893	3.493	ng	88
27) 2,4-Dimethylphenol	9.97	122	32906	3.426	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	56482	3.727	ng	97
29) 2,4-Dichlorophenol	10.44	162	31108	3.128	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	37910	3.441	ng	93
31) Naphthalene	10.85	128	125633	3.683	ng	97
33) 4-Chloroaniline	10.95	127	53083	3.483	ng	95
34) Hexachlorobutadiene	11.15	225	21043	3.271	ng	97
35) Caprolactam	11.68	113	11353	3.007	ng	95
36) 4-Chloro-3-methylphenol	12.07	107	38385	3.389	ng	# 88
37) 2-Methylnaphthalene	12.46	142	90272	3.723	ng	96
38) 1-Methylnaphthalene	12.67	142	88349	3.861	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	41538	3.825	ng	95
41) Hexachlorocyclopentadiene	12.82	237	21243	3.297	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045995.D
 Acq On : 9 Jul 2020 15:15
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-WTR-4PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 16:18:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	23795	3.240	nq	90
44) 2,4,5-Trichlorophenol	13.12	196	25041	3.016	nq	99
46) 1,1'-Biphenyl	13.46	154	117388	4.051	nq	97
47) 2-Chloronaphthalene	13.50	162	83939	3.671	nq	98
48) 2-Nitroaniline	13.69	65	21706	4.056	nq	87
49) Acenaphthylene	14.34	152	137960	3.740	nq	98
50) Dimethylphthalate	14.08	163	101930	3.526	nq	98
51) 2,6-Dinitrotoluene	14.18	165	17932	3.997	nq	89
52) Acenaphthene	14.69	154	80688	3.468	nq	93
53) 3-Nitroaniline	14.51	138	20166	3.628	nq	# 94
54) 2,4-Dinitrophenol	14.71	184	3252	2.055	nq	# 5
55) Dibenzofuran	15.02	168	128870	3.778	nq	# 96
56) 4-Nitrophenol	14.81	139	14813	3.145	nq	90
57) 2,4-Dinitrotoluene	14.97	165	20960	3.781	nq	# 98
58) Fluorene	15.67	166	104982	3.752	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	19897m	3.103	nq	
60) Diethylphthalate	15.45	149	106291	3.506	nq	97
61) 4-Chlorophenyl-phenylether	15.67	204	48661	3.496	nq	99
62) 4-Nitroaniline	15.67	138	21190	3.546	nq	87
63) Azobenzene	15.96	77	122361	3.760	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	6530	2.879	nq	94
66) n-Nitrosodiphenylamine	15.88	169	90663	3.778	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	28520	3.297	nq	97
68) Hexachlorobenzene	16.68	284	31378	3.615	nq	94
69) Atrazine	16.82	200	27915	3.934	nq	97
70) Pentachlorophenol	17.02	266	11386	2.359	nq	98
71) Phenanthrene	17.41	178	160558	3.922	nq	95
72) Anthracene	17.50	178	161115	3.878	nq	95
73) Carbazole	17.76	167	146166	3.510	nq	98
74) Di-n-butylphthalate	18.34	149	171003	3.398	nq	# 96
75) Fluoranthene	19.42	202	178997	3.782	nq	96
77) Benzidine	19.59	184	81399	4.132	nq	98
78) Pyrene	19.78	202	182695	3.885	nq	93
80) Butylbenzylphthalate	20.68	149	67126	3.021	nq	97
81) Benzo(a)anthracene	21.60	228	167436	3.696	nq	96
82) 3,3'-Dichlorobenzidine	21.52	252	58190	3.476	nq	96
83) Chrysene	21.67	228	159660	3.700	nq	92
84) Bis(2-ethylhexyl)phthalate	21.55	149	103348	3.204	nq	# 93
85) Di-n-octyl phthalate	22.74	149	157532	2.814	nq	100
87) Indeno(1,2,3-cd)pyrene	28.34	276	169054	3.408	nq	99
88) Benzo(b)fluoranthene	23.78	252	156485	3.636	nq	96
89) Benzo(k)fluoranthene	23.84	252	155511	3.821	nq	94
90) Benzo(a)pyrene	24.62	252	142152	3.512	nq	94
91) Dibenzo(a,h)anthracene	28.41	278	145183	3.629	nq	95
92) Benzo(g,h,i)perylene	29.46	276	140642	3.493	nq	96

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

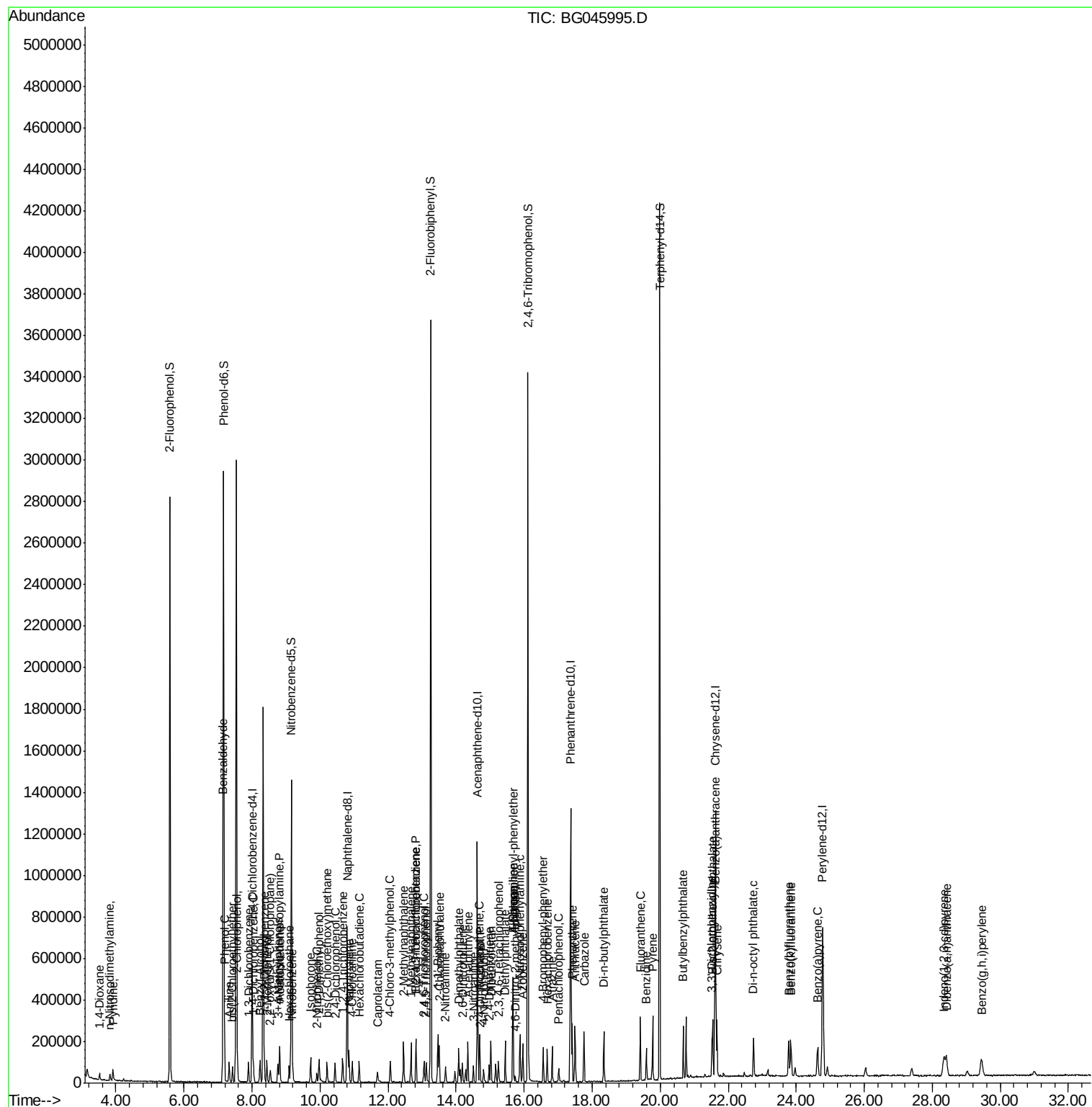
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045995.D
Acq On : 9 Jul 2020 15:15
Operator : CG/JU
Sample : L3216-09
Misc : MDL-WTR-4PPM
ALS Vial : 10 Sample Multiplier: 1

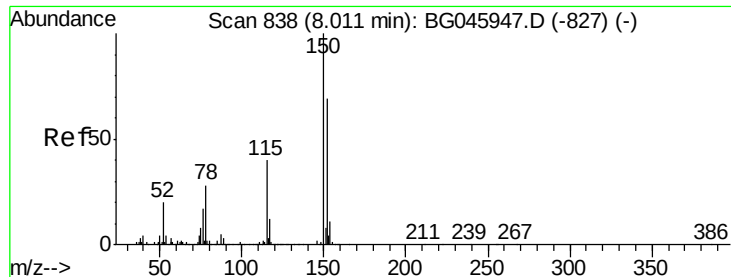
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Manual Integrations
APPROVED

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

Quant Time: Jul 09 16:18:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration





#1

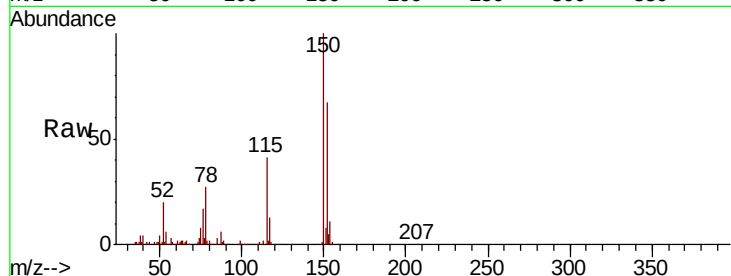
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	116.7	175.1
115	61.0	47.4	71.0

Manual Integrations
APPROVED

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

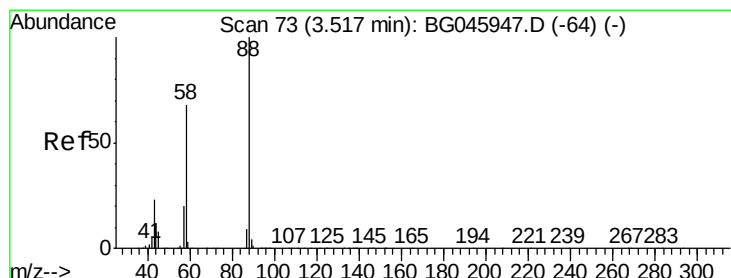
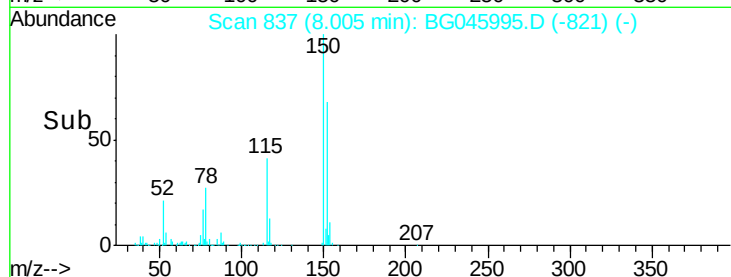
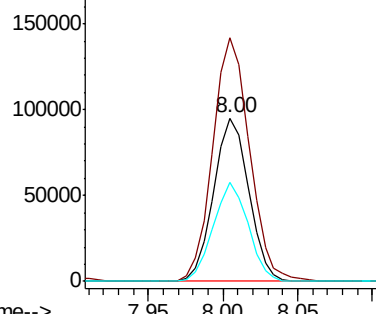


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

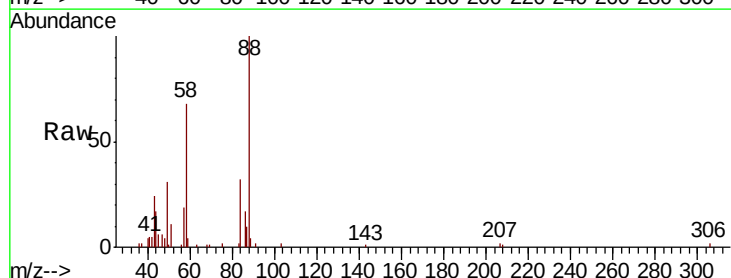
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.716 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	55.2	82.8
43	26.5	19.4	29.0

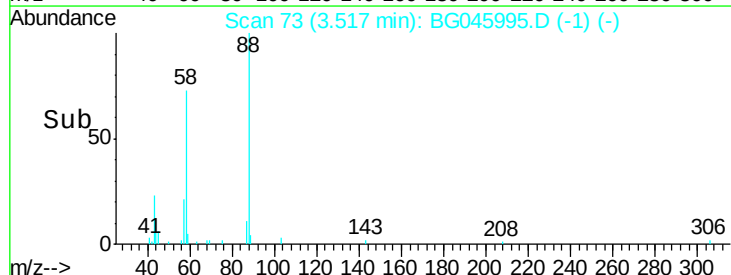
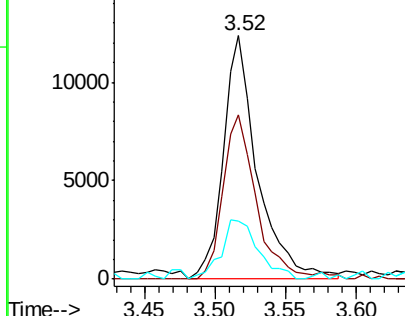


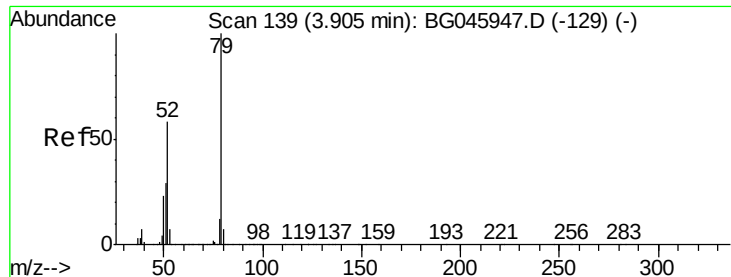
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 3.087 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

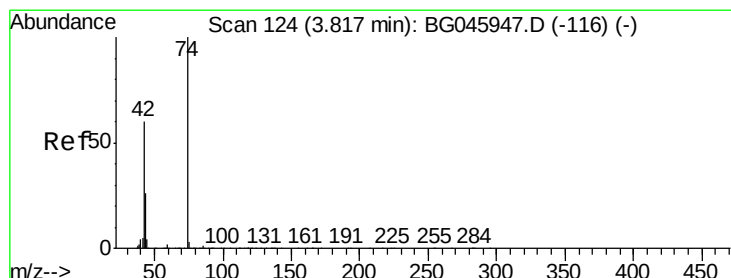
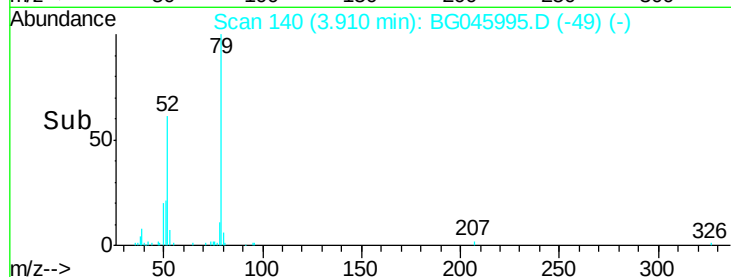
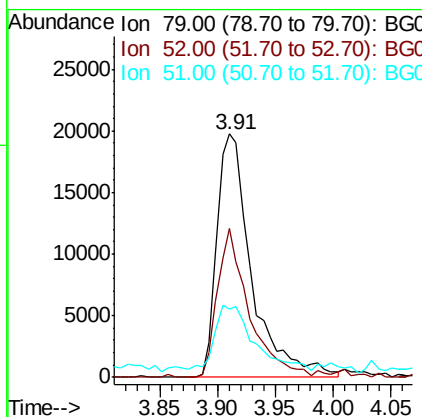
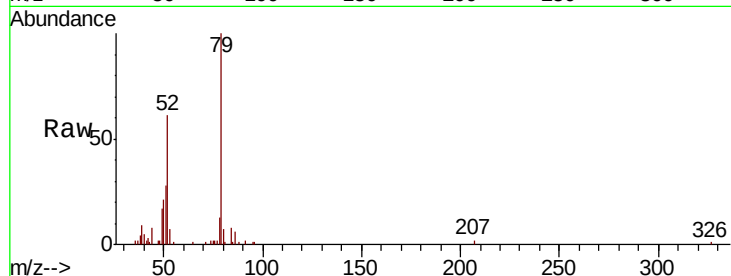
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	79	Resp:	41165
Ion	Ratio	Lower	Upper
79	100		
52	61.0	46.5	69.7
51	28.2	23.5	35.3

Manual Integrations
APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 3.850 ng

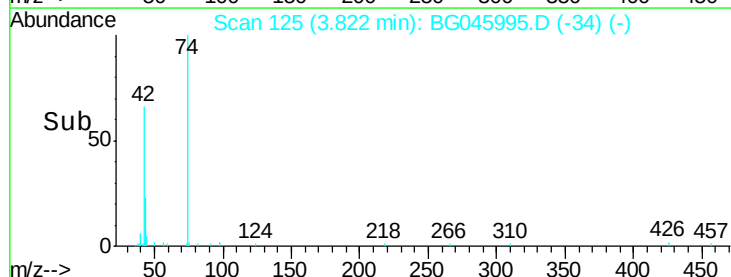
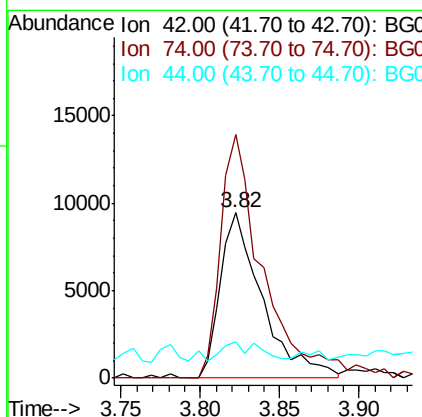
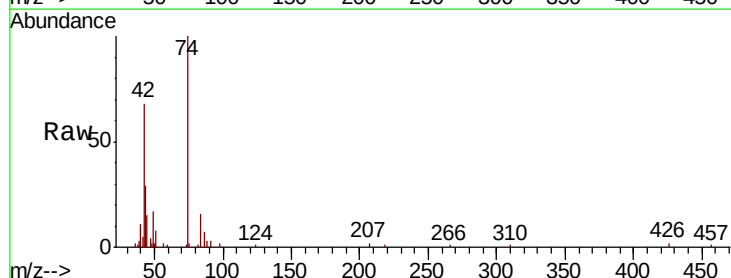
RT: 3.82 min Scan# 125

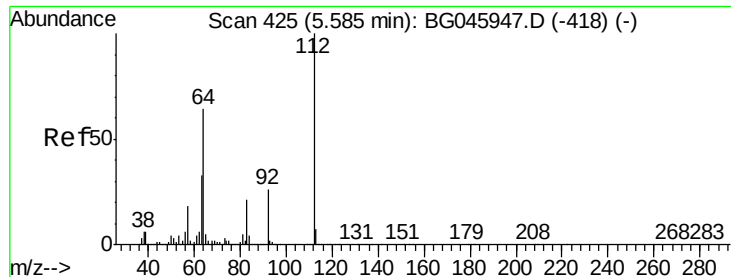
Delta R.T. 0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	42	Resp:	17361
Ion	Ratio	Lower	Upper
42	100		
74	147.2	131.9	197.9
44	22.2	7.7	11.5





#5

2-Fluorophenol

Concen: 131.702 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

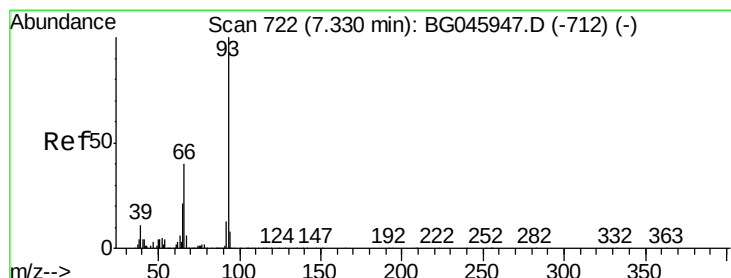
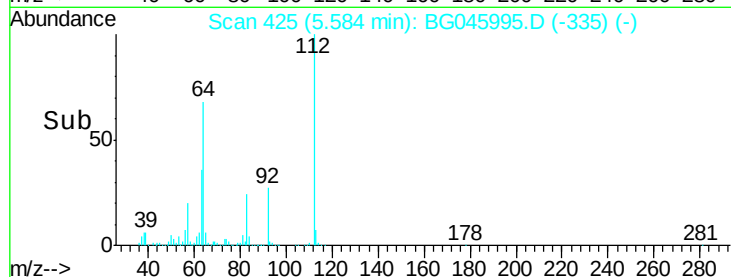
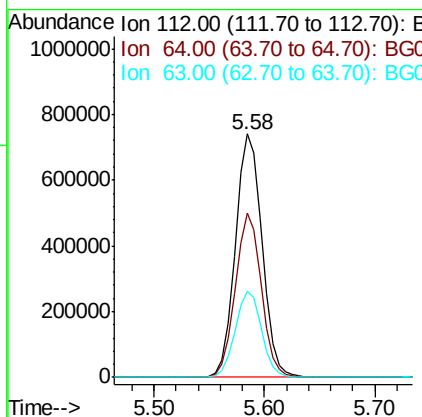
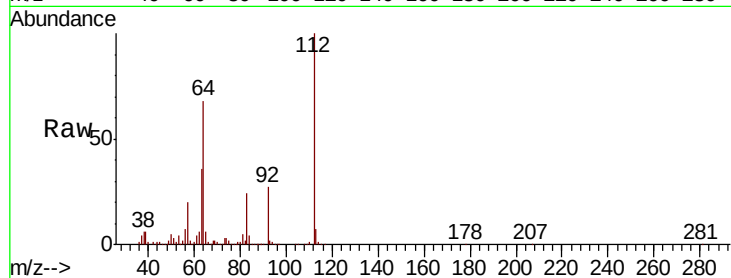
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	112	Resp:	1259040
Ion	Ratio	Lower	Upper
112	100		
64	67.6	51.4	77.2
63	35.6	26.6	40.0

Manual Integrations
APPROVED

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



#6

Aniline

Concen: 3.629 ng

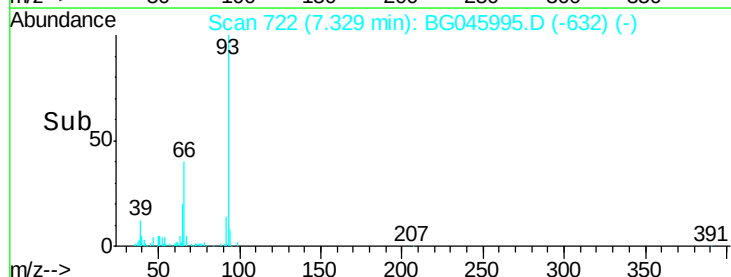
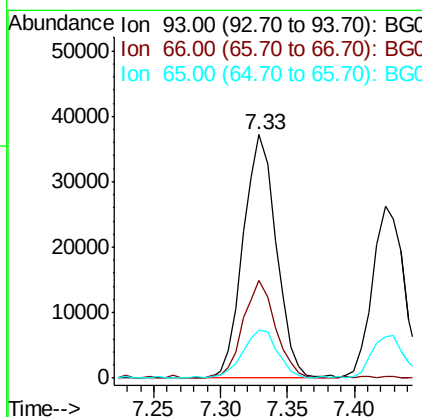
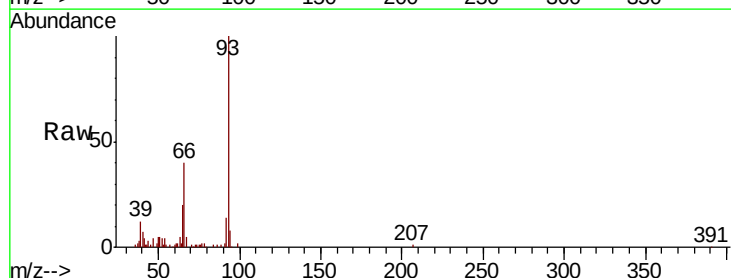
RT: 7.33 min Scan# 722

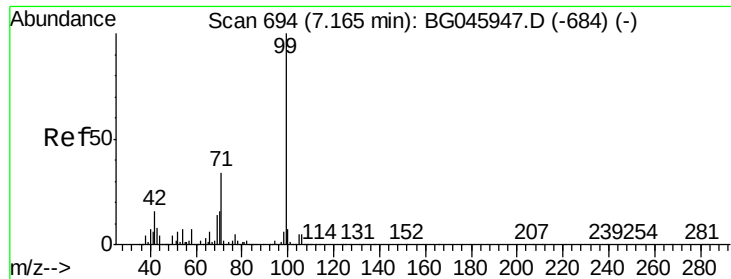
Delta R.T. -0.00 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	93	Resp:	63891
Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.3	48.5
65	19.5	16.6	25.0





#7

Phenol-d6

Concen: 130.899 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

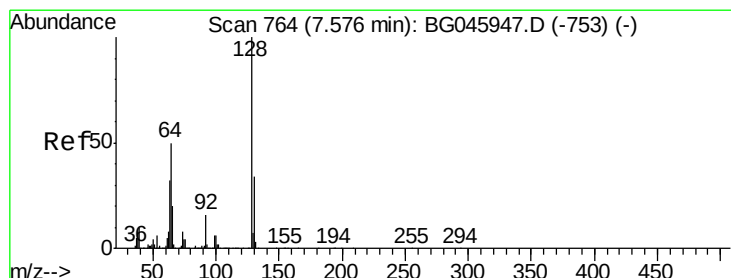
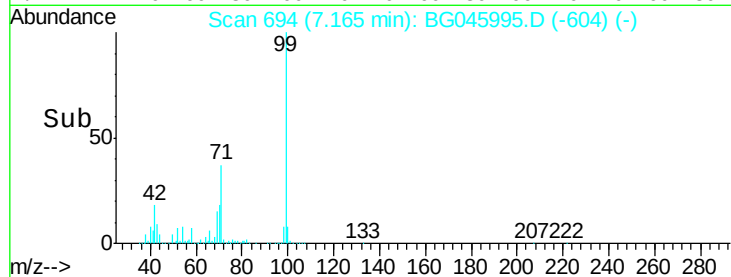
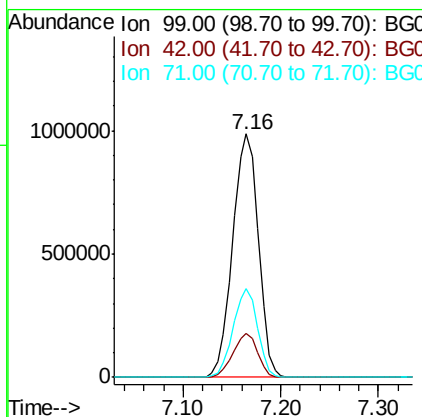
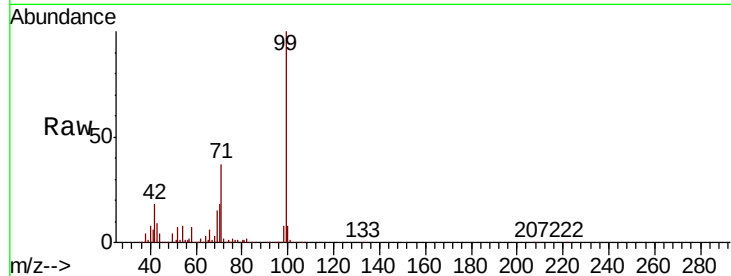
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	99	Resp:	1801611
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.0	19.4
71	36.7	27.5	41.3

Manual Integrations
APPROVED

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



#8

2-Chlorophenol

Concen: 3.698 ng

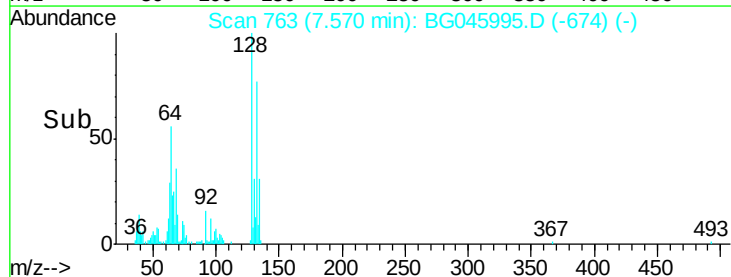
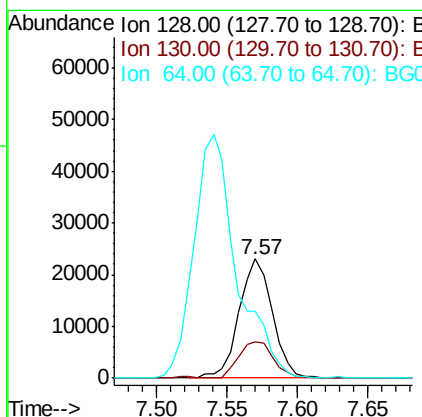
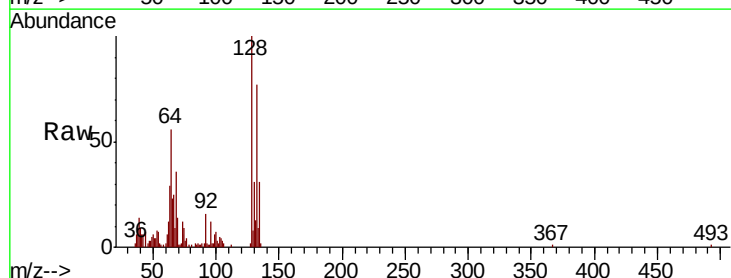
RT: 7.57 min Scan# 763

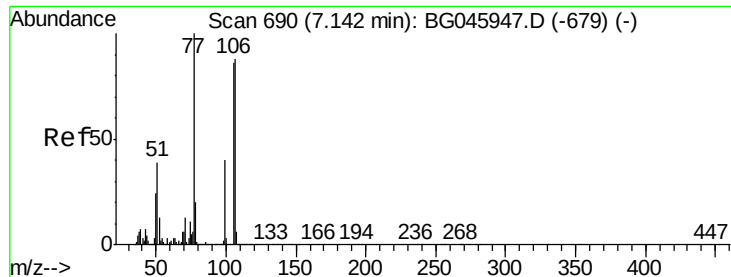
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	128	Resp:	38053
Ion	Ratio	Lower	Upper
128	100		
130	30.6	13.6	53.6
64	56.0	30.6	70.6





#9

Benzaldehyde

Concen: 5.187 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

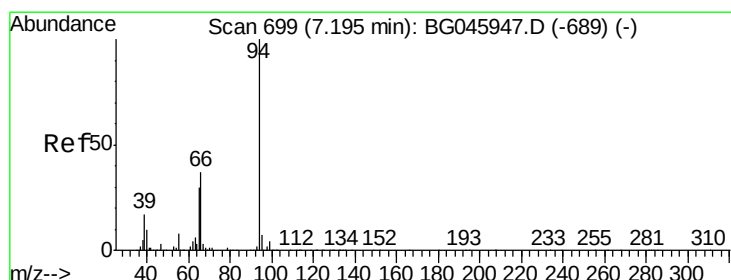
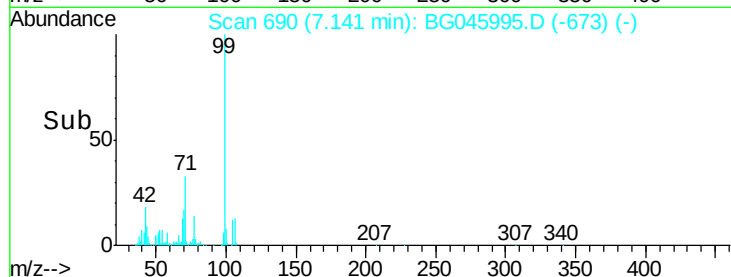
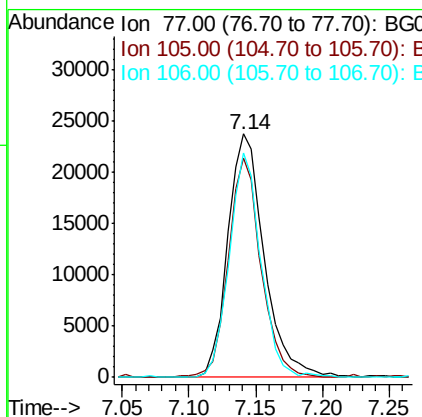
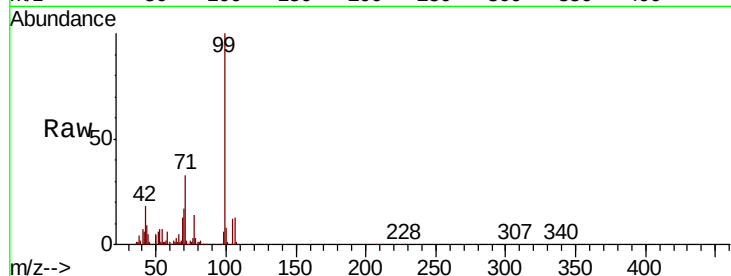
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	77	Resp:	45231
Ion	Ratio	Lower	Upper
77	100		
105	90.0	66.0	106.0
106	92.3	67.7	107.7

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 3.675 ng

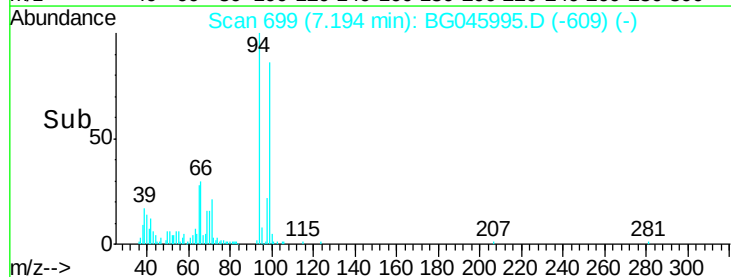
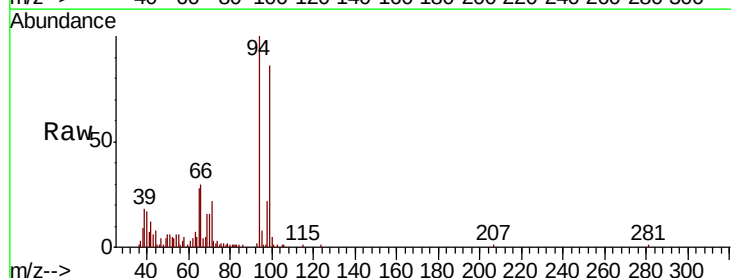
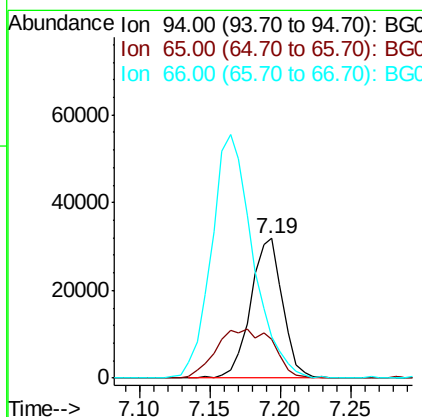
RT: 7.19 min Scan# 699

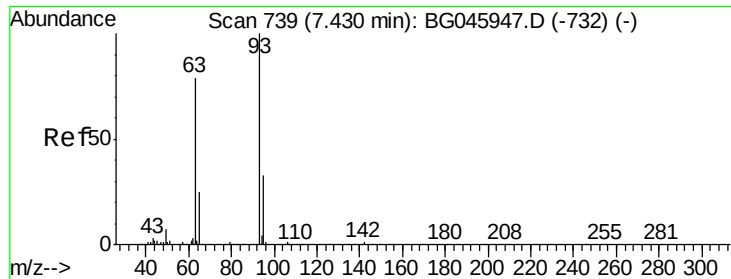
Delta R.T. -0.00 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	94	Resp:	50744
Ion	Ratio	Lower	Upper
94	100		
65	27.9	10.6	50.6
66	30.1	17.1	57.1





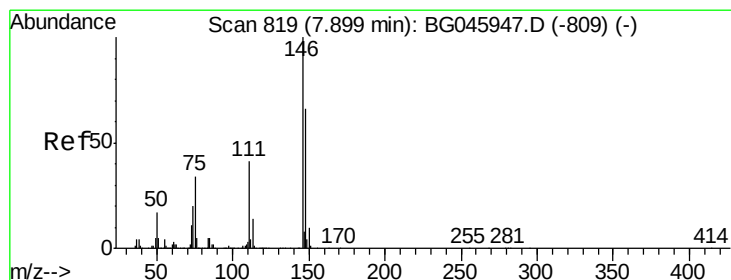
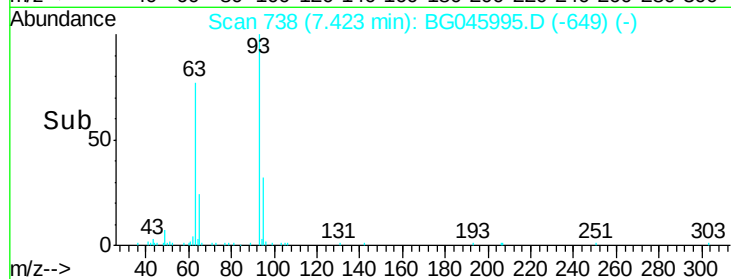
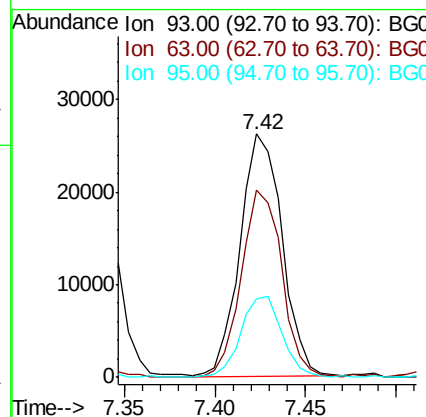
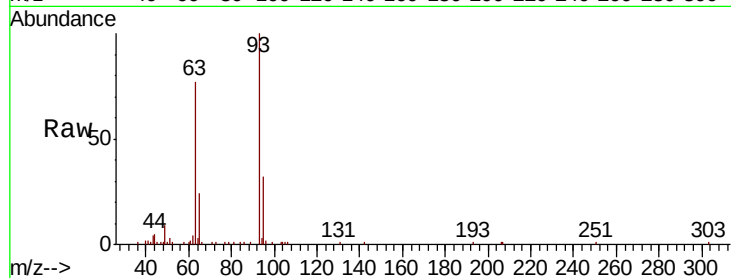
#11
bis(2-Chloroethyl)ether
Concen: 3.699 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion:	93	Resp:	42235
Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.6	98.6
95	32.0	13.3	53.3

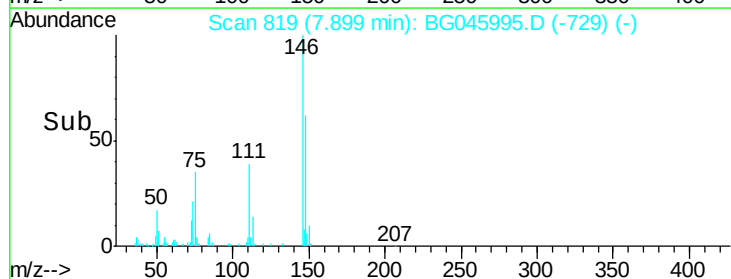
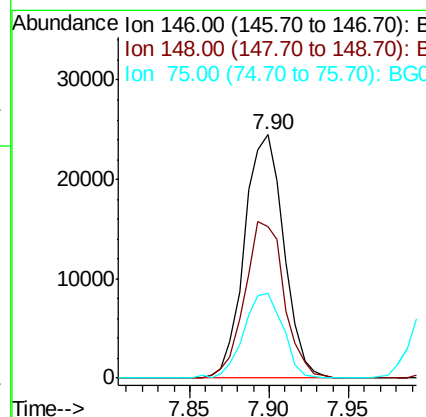
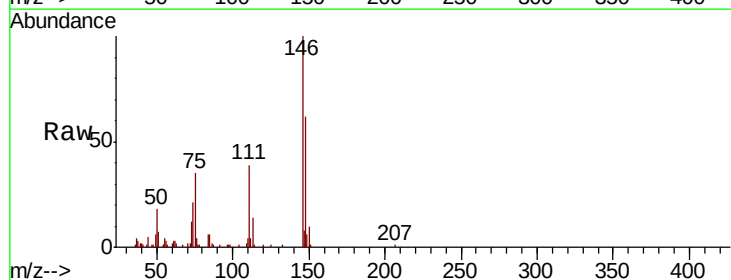
Manual Integrations
APPROVED

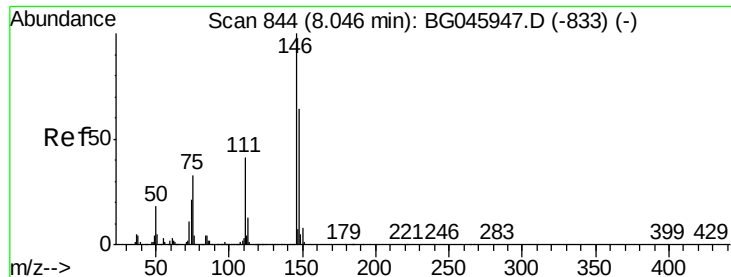
mohammad
7/10/2020 11:47:10 AM



#12
1,3-Dichlorobenzene
Concen: 3.549 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion:	146	Resp:	42101
Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.8	79.2
75	35.0	27.2	40.8





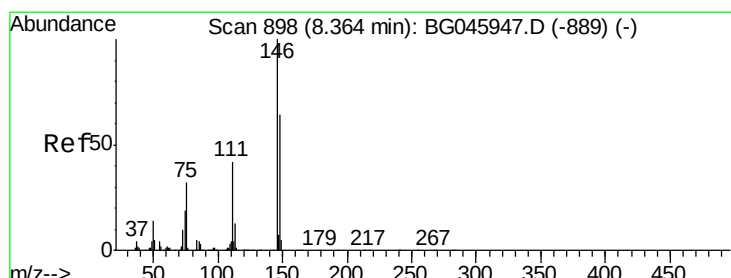
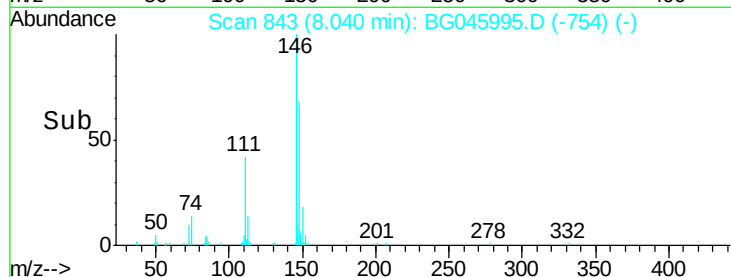
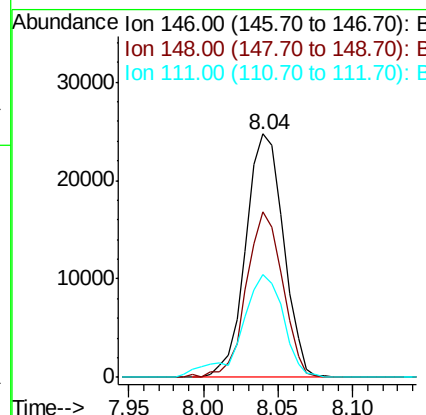
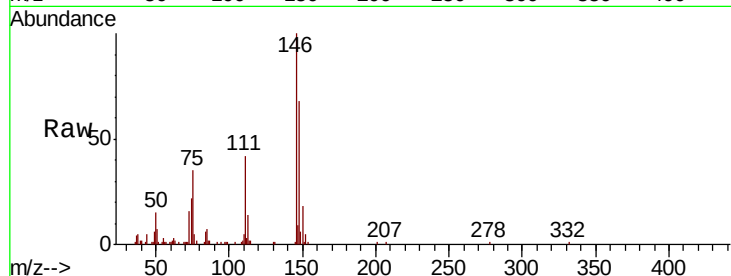
#13
1,4-Dichlorobenzene
Concen: 3.699 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.7	77.5
111	42.5	33.3	49.9

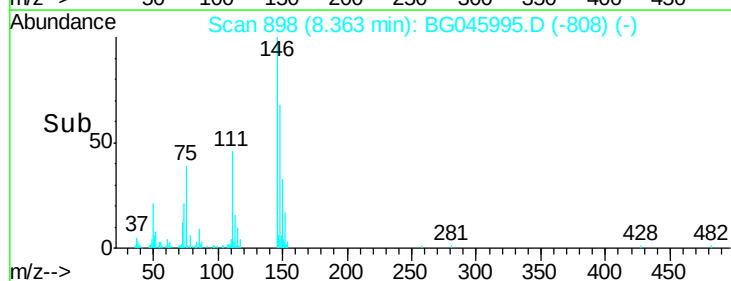
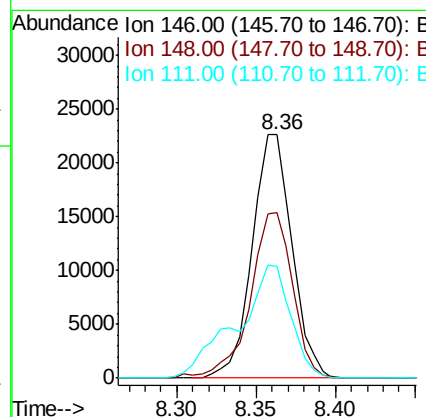
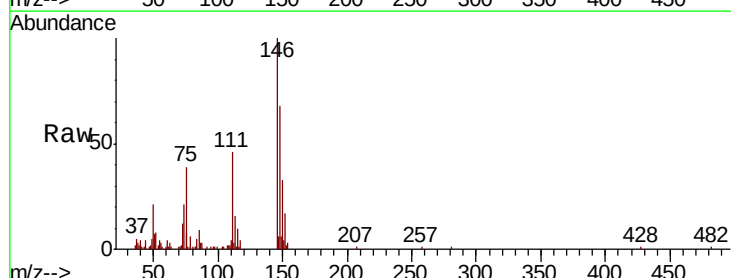
Manual Integrations
APPROVED

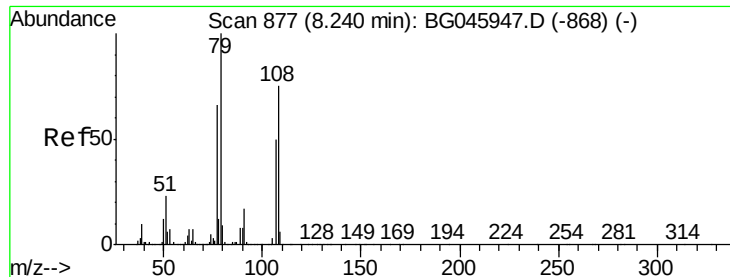
mohammad
7/10/2020 11:47:10 AM



#14
1,2-Dichlorobenzene
Concen: 3.513 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.6	77.4
111	45.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 3.525 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

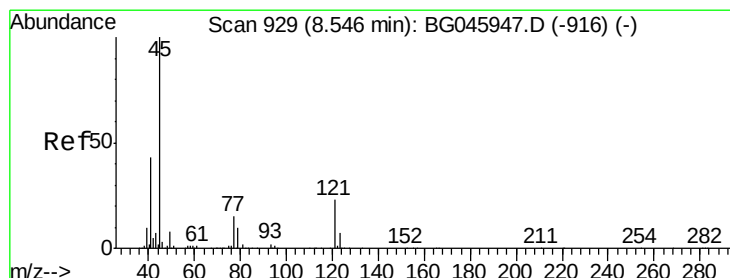
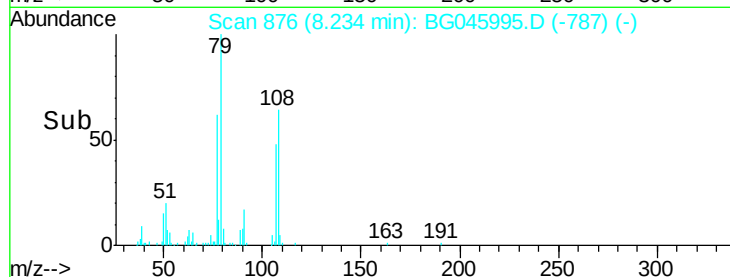
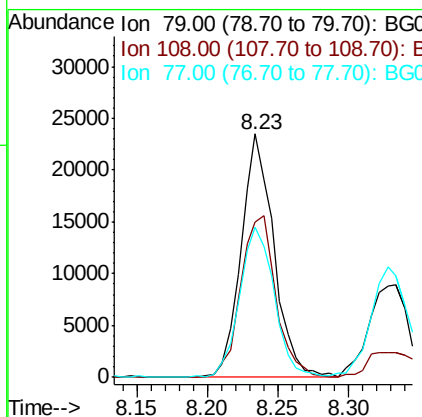
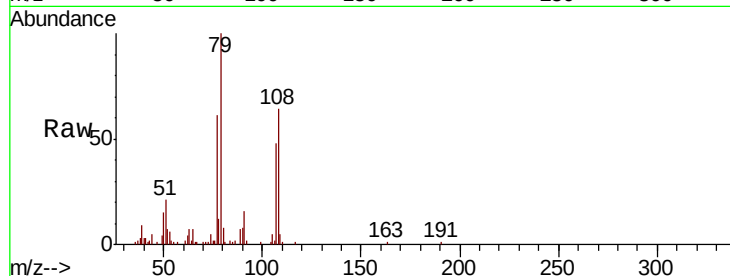
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	79	Resp	38039
Ion	Ratio	Lower	Upper
79	100		
108	63.8	60.2	90.4
77	61.5	52.9	79.3

Manual Integrations
APPROVED

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.539 ng

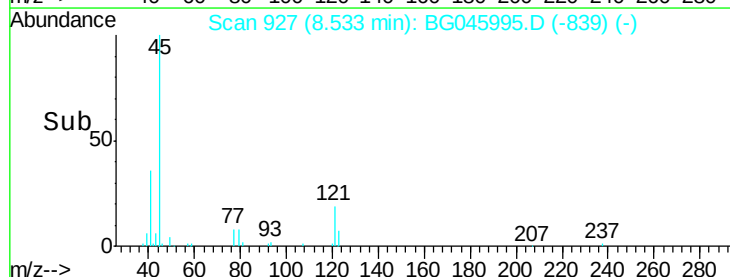
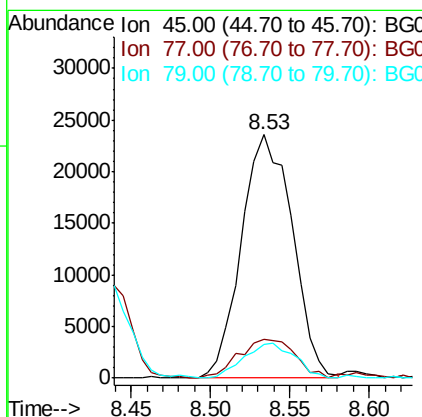
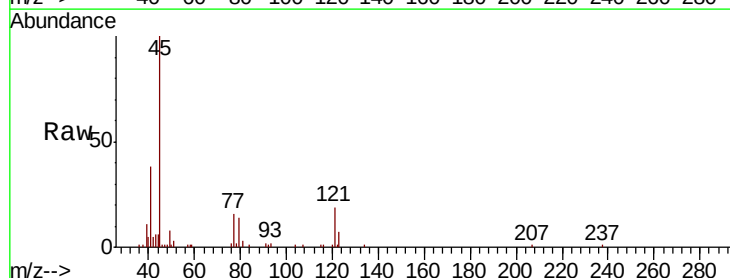
RT: 8.53 min Scan# 927

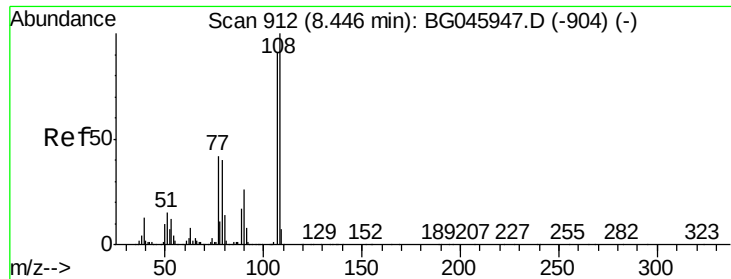
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion	45	Resp	52710
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	37.6
79	14.1	0.0	32.6





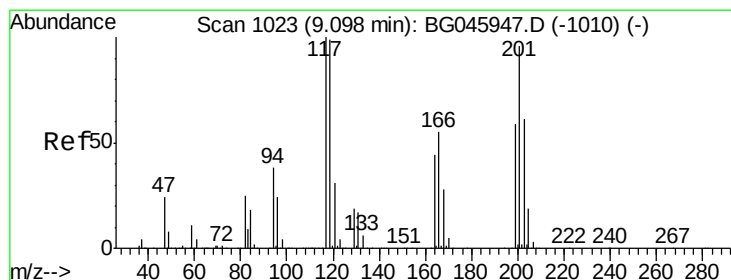
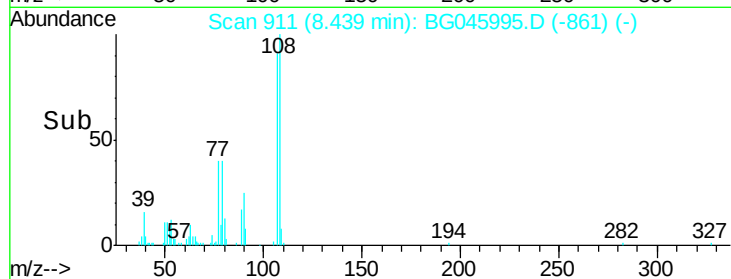
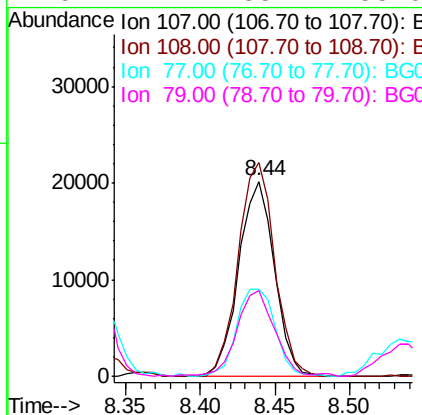
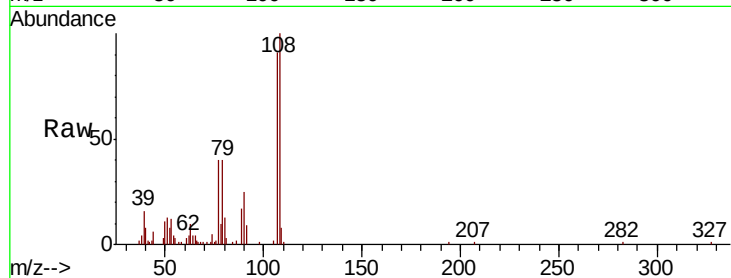
#17
2-Methylphenol
Concen: 3.231 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	88.2	132.4	
77	44.4	37.0	55.4	
79	44.2	35.4	53.0	

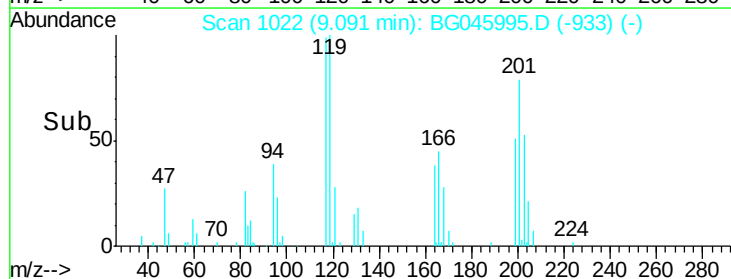
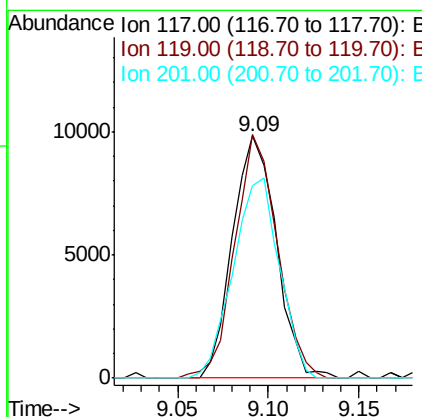
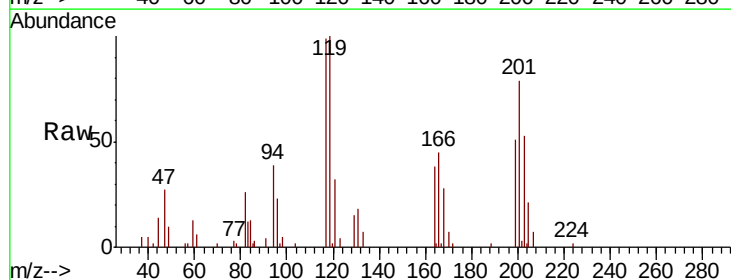
Manual Integrations
APPROVED

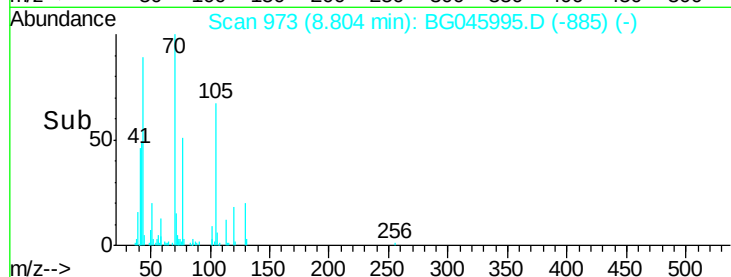
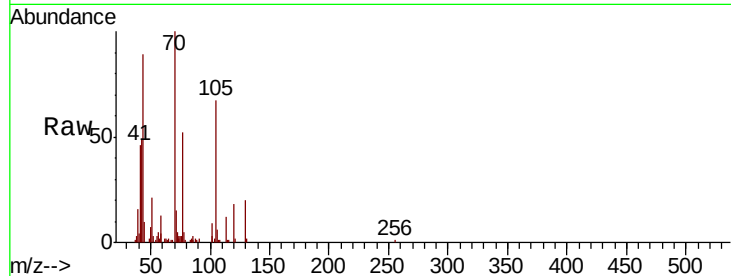
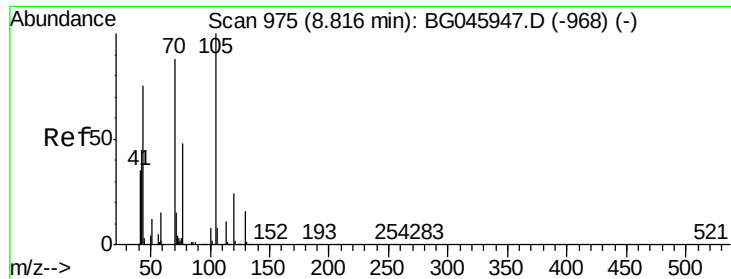
mohammad
7/10/2020 11:47:10 AM



#18
Hexachloroethane
Concen: 3.670 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

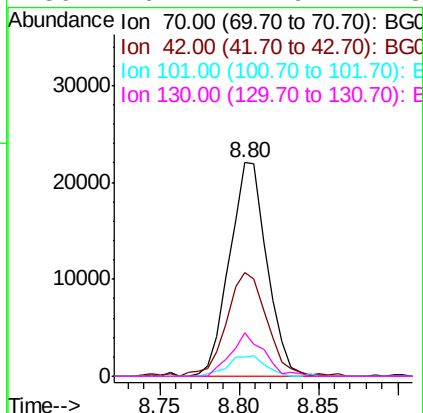
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	79.5	119.3	
201	79.7	77.0	115.4	





#19
n-Nitroso-di-n-propylamine
Concen: 3.726 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

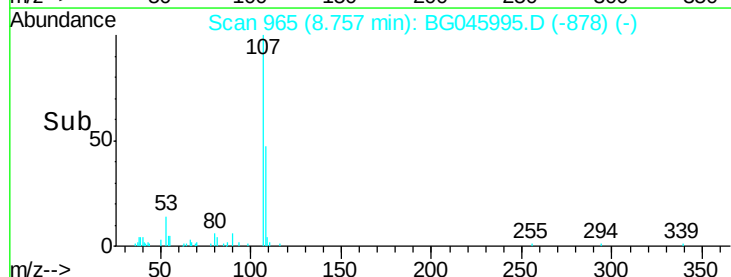
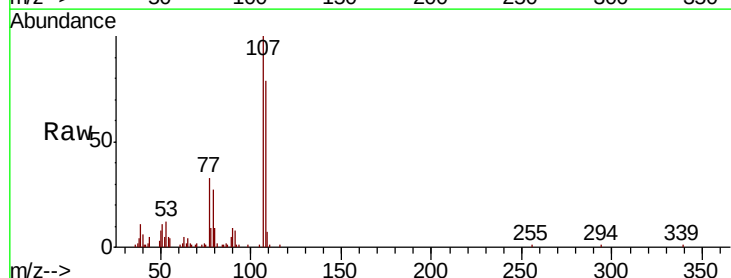
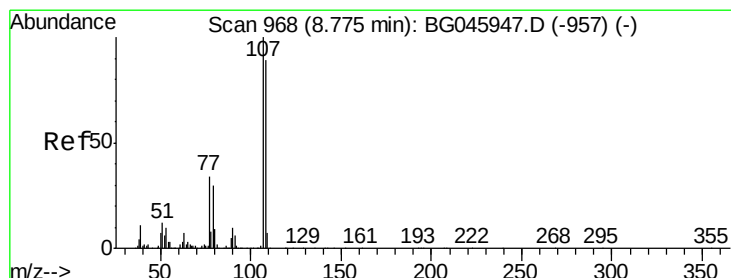
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.7	41.4	62.0		
101	8.9	7.1	10.7		
130	20.2	14.9	22.3		



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

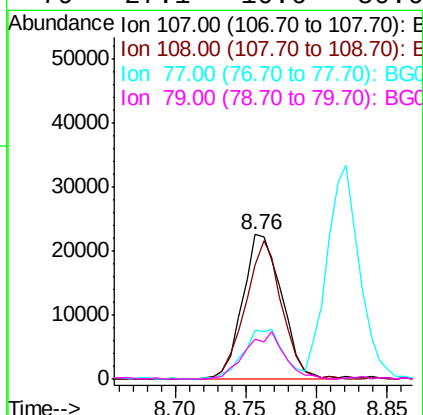
Manual Integrations
APPROVED

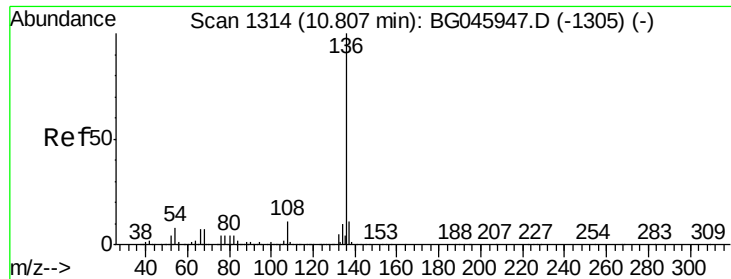
mohammad
7/10/2020 11:47:10 AM



#20
3+4-Methylphenols
Concen: 3.109 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	78.9	68.7	108.7		
77	33.5	14.6	54.6		
79	27.1	10.6	50.6		





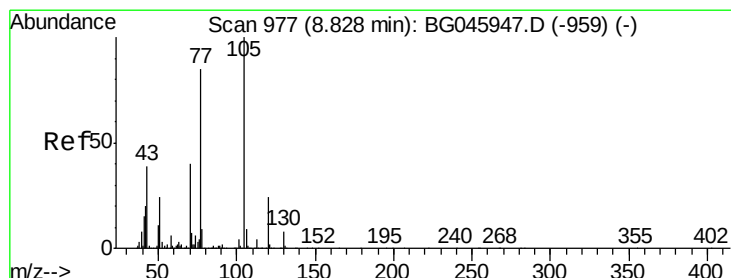
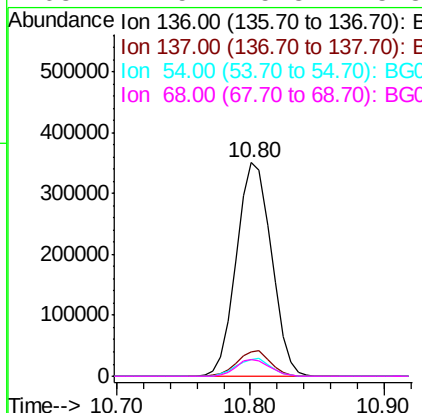
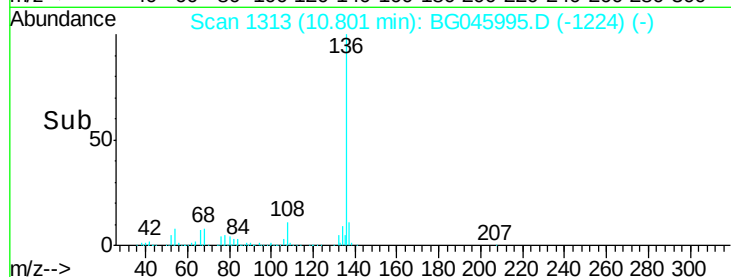
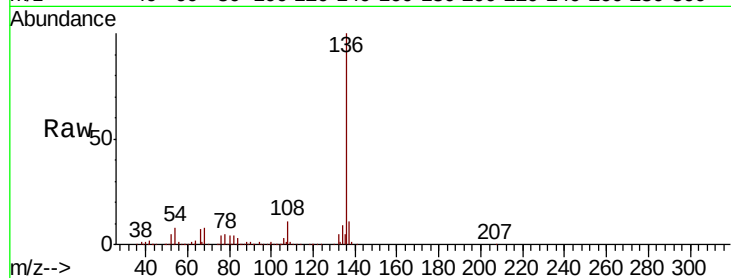
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.0	6.2	9.4
68	7.5	5.8	8.8

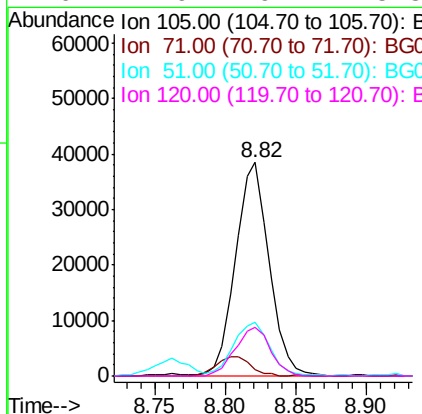
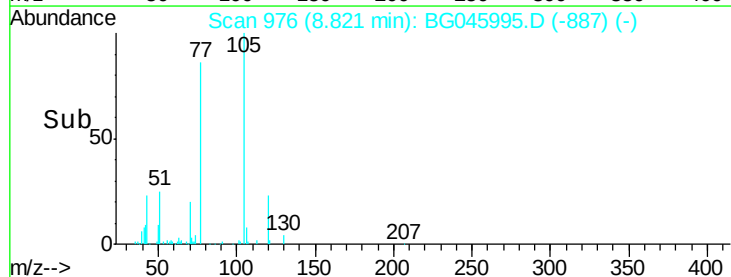
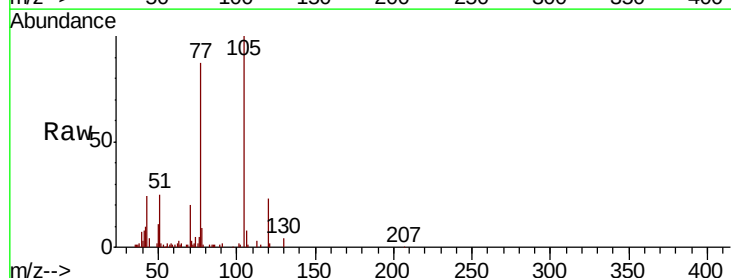
Manual Integrations
APPROVED

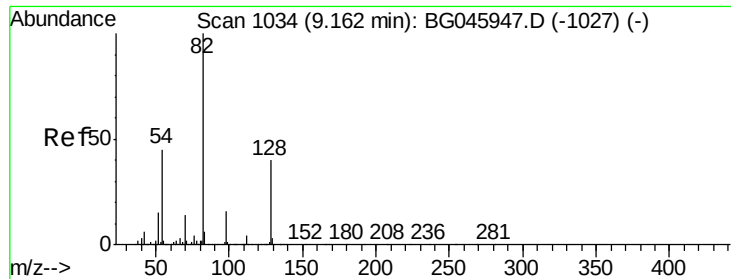
mohammad
7/10/2020 11:47:10 AM



#22
Acetophenone
Concen: 3.768 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	6.2	9.2#
51	25.5	19.7	29.5
120	22.9	19.2	28.8





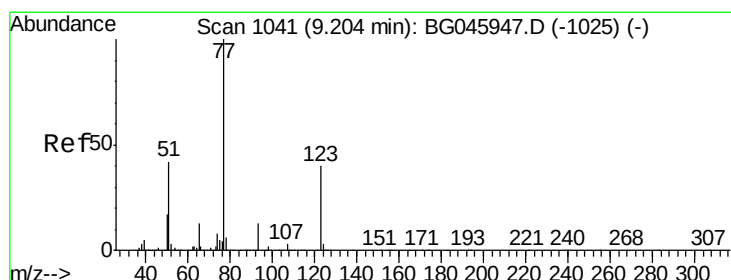
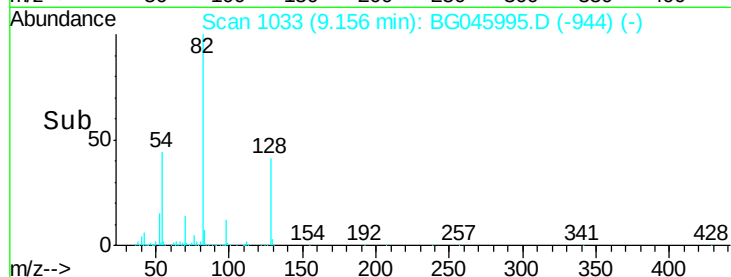
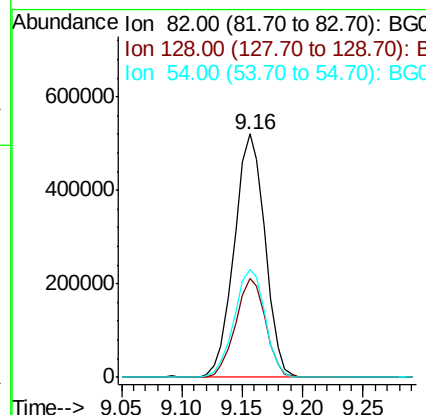
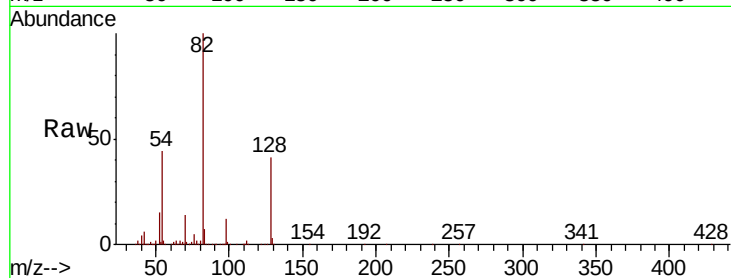
#23
 Nitrobenzene-d5
 Concen: 83.157 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	82	Resp	919249
Ion Ratio	100	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	44.2	35.8	53.6

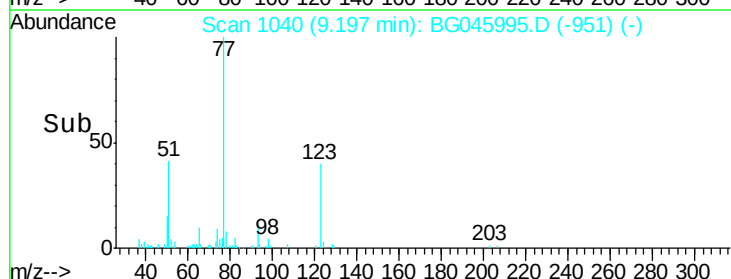
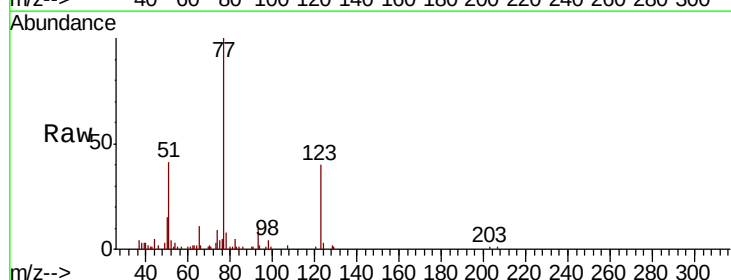
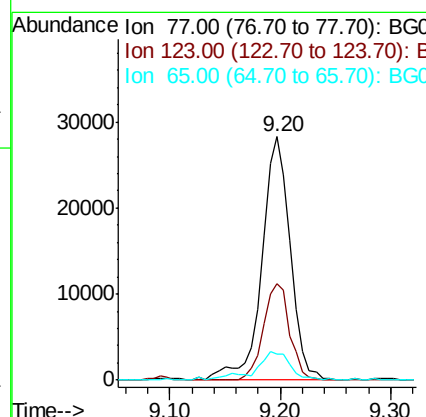
Manual Integrations
 APPROVED

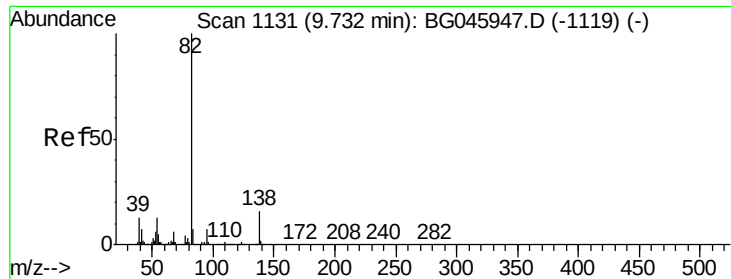
mohammad
 7/10/2020 11:47:10 AM



#24
 Nitrobenzene
 Concen: 4.193 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	77	Resp	51161
Ion Ratio	100	Lower	Upper
77	100		
123	39.7	32.7	49.1
65	10.8	10.2	15.4





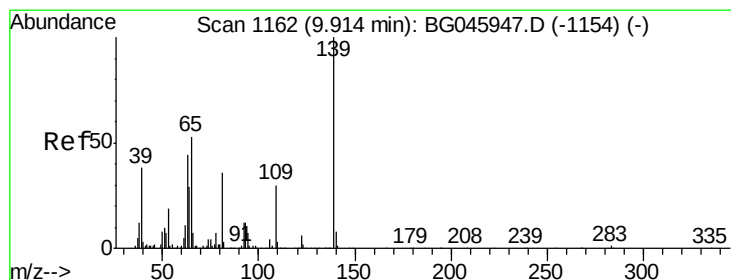
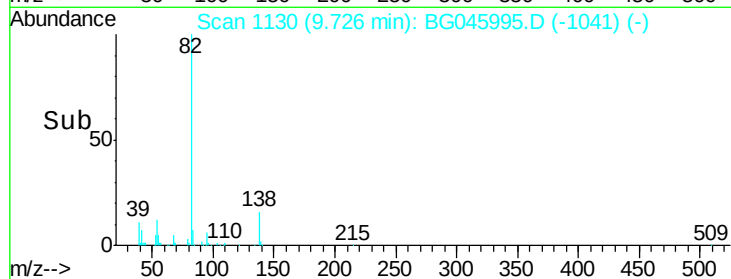
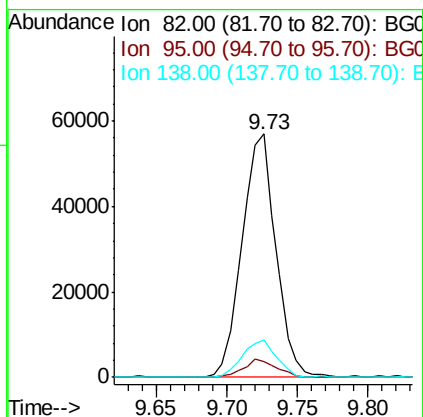
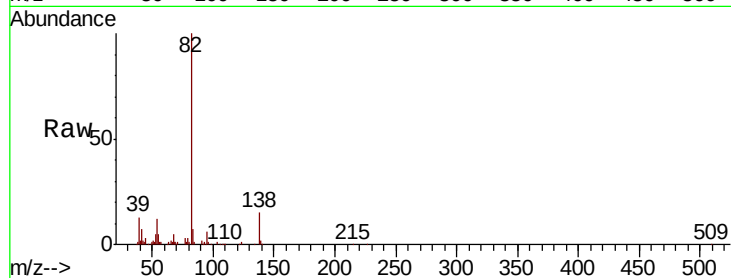
#25
Isophorone
Concen: 3.547 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.8	8.6
138	15.5	12.9	19.3

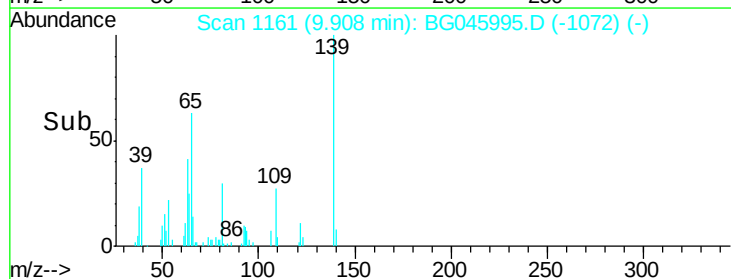
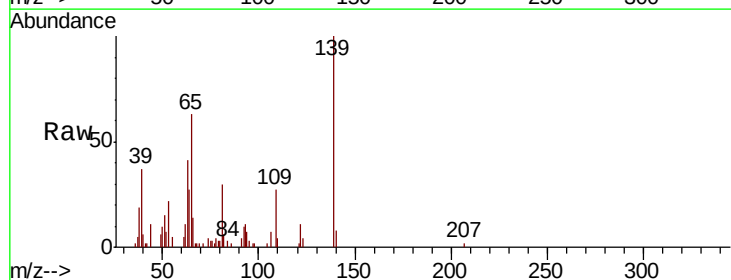
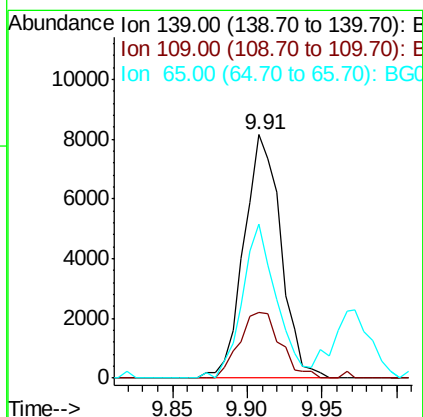
Manual Integrations
APPROVED

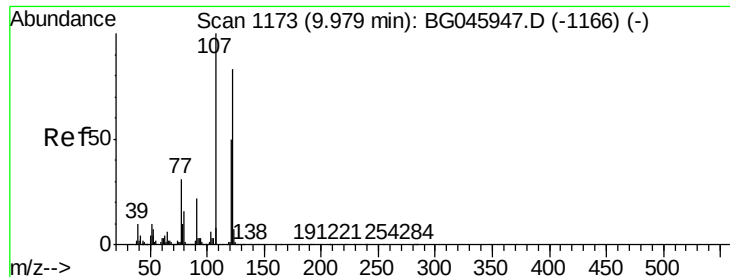
mohammad
7/10/2020 11:47:10 AM



#26
2-Nitrophenol
Concen: 3.493 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.1	24.6	37.0
65	63.4	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 3.426 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

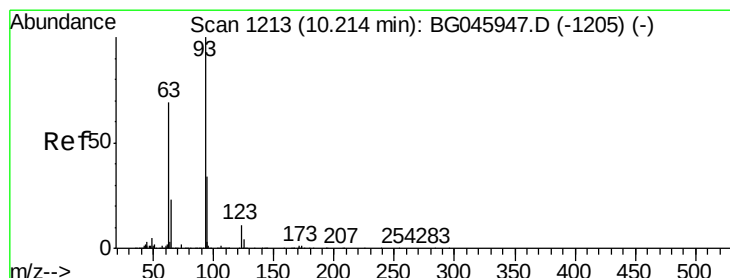
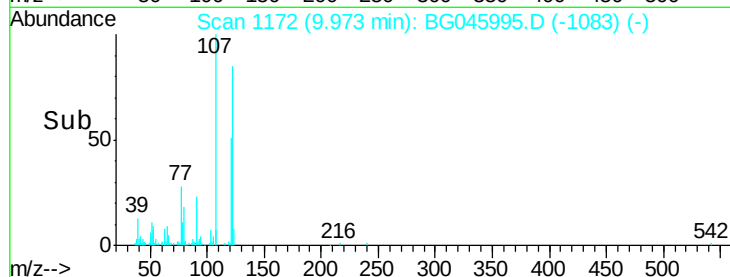
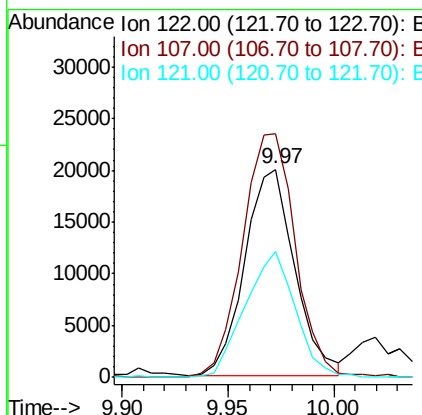
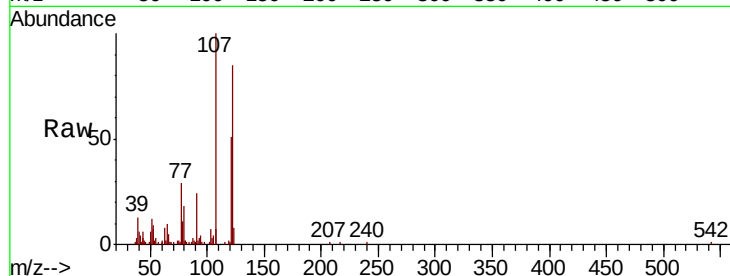
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	95.6	143.4
121	60.3	47.7	71.5

Manual Integrations
APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 3.727 ng

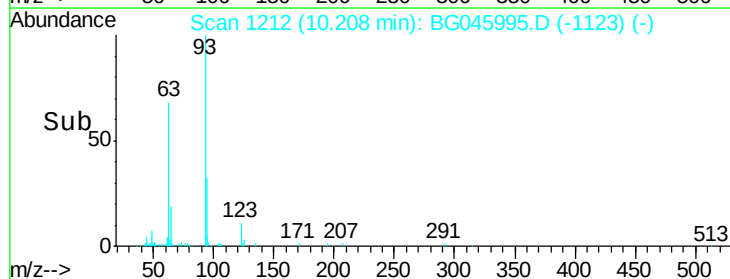
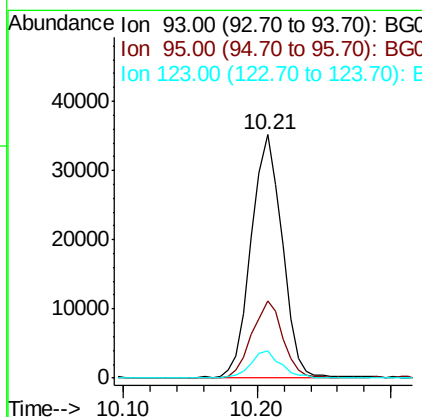
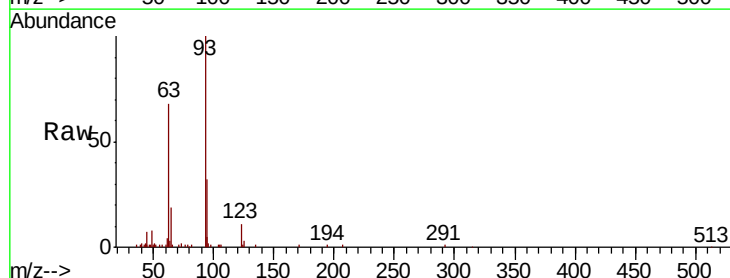
RT: 10.21 min Scan# 1212

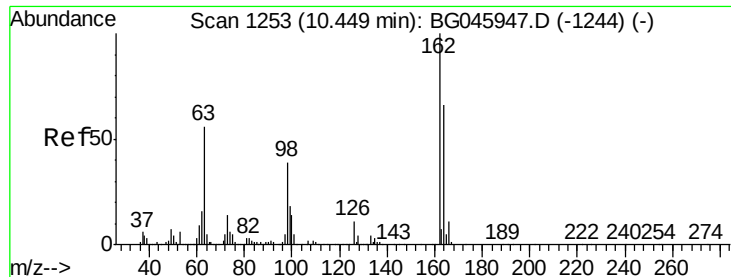
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.5	41.3
123	11.2	9.2	13.8





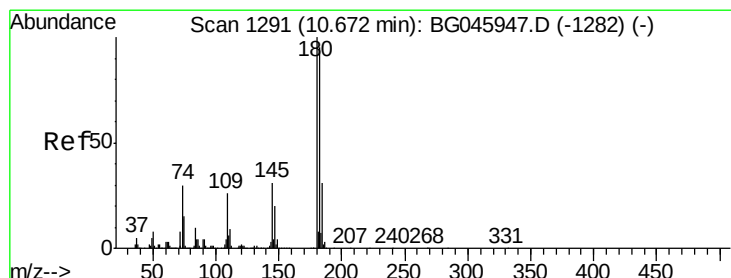
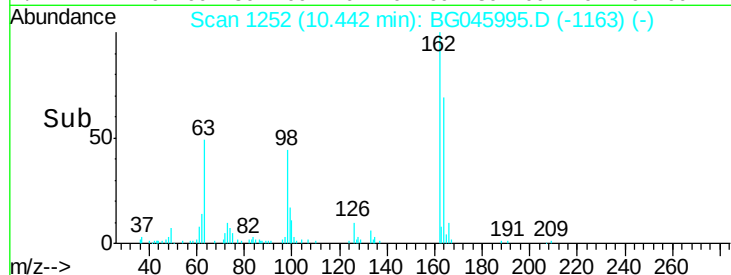
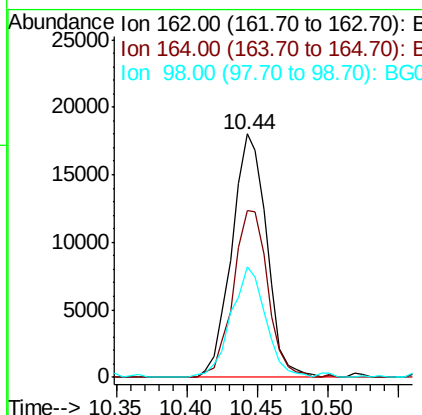
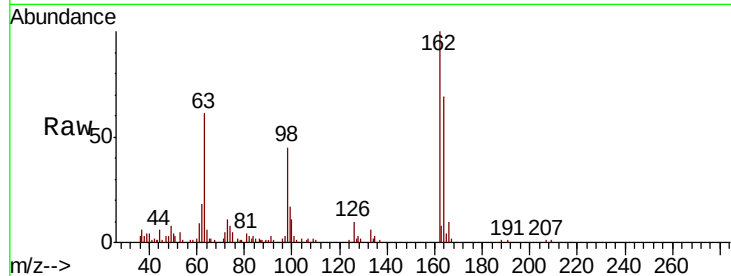
#29
2,4-Dichlorophenol
Concen: 3.128 ng
RT: 10.44 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.5	46.0	86.0
98	45.2	19.2	59.2

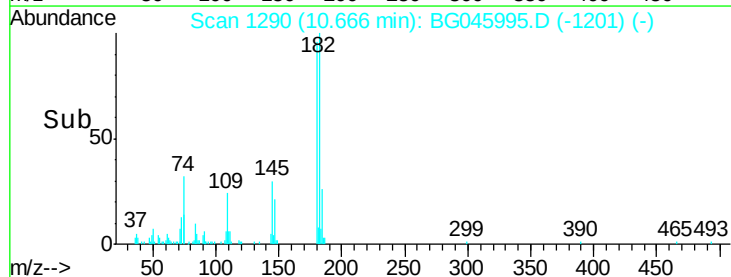
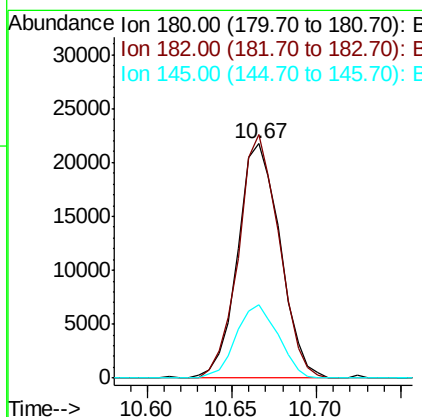
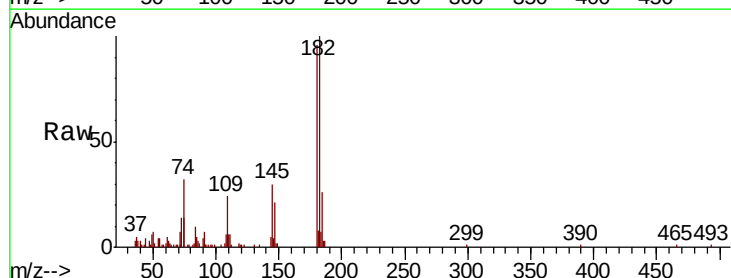
Manual Integrations
APPROVED

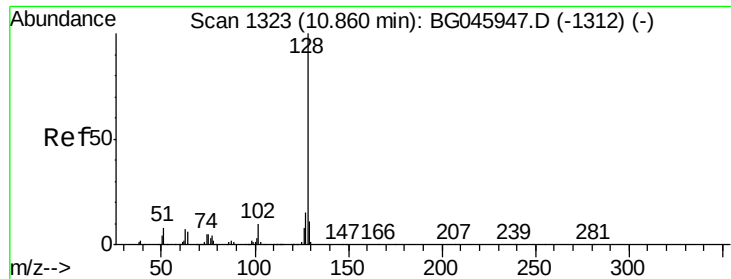
mohammad
7/10/2020 11:47:10 AM



#30
1,2,4-Trichlorobenzene
Concen: 3.441 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.9	76.3	114.5
145	31.2	24.8	37.2





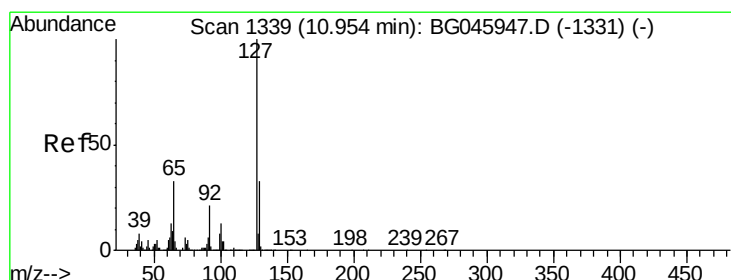
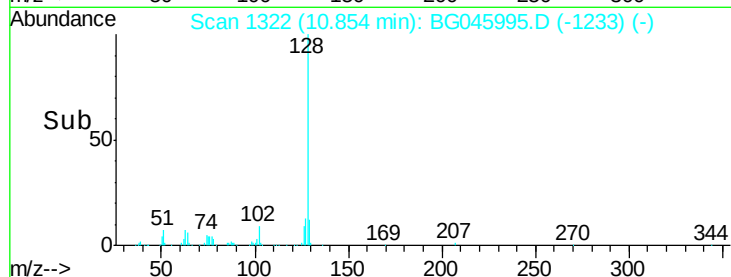
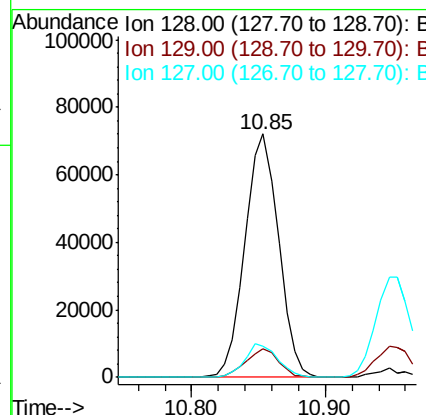
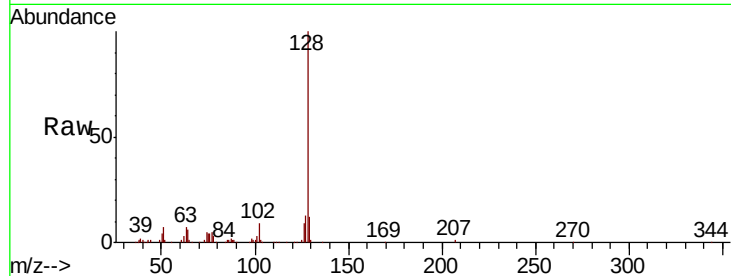
#31
Naphthalene
Concen: 3.683 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	12.6	11.8	17.6

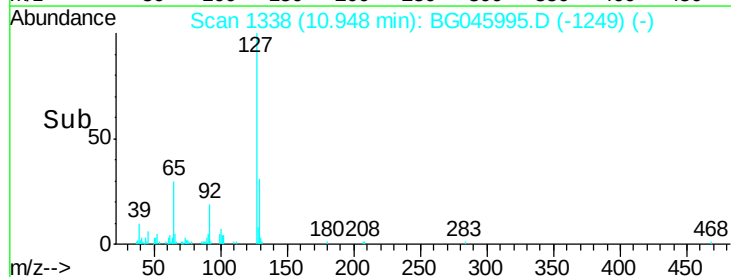
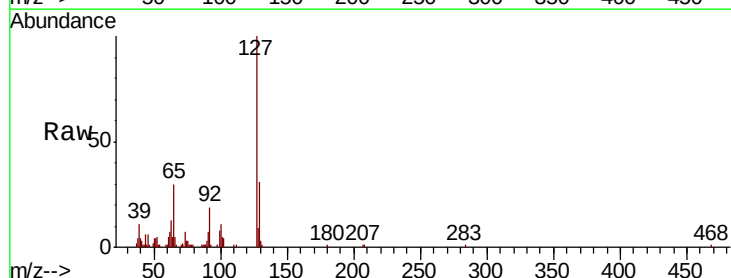
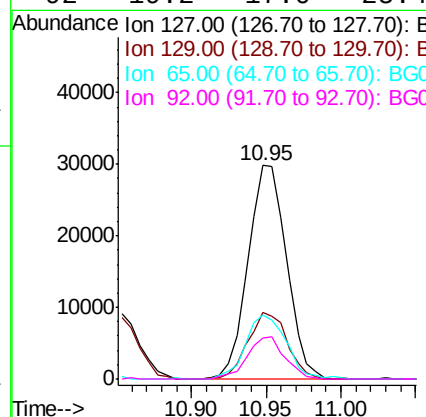
Manual Integrations
APPROVED

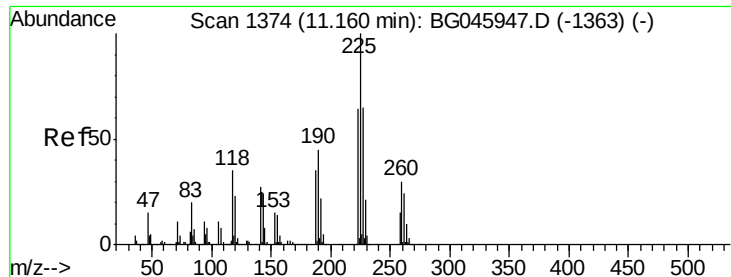
mohammad
7/10/2020 11:47:10 AM



#33
4-Chloroaniline
Concen: 3.483 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.6	39.8
65	30.3	26.8	40.2
92	19.2	17.0	25.4





#34

Hexachlorobutadiene

Concen: 3.271 ng

RT: 11.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

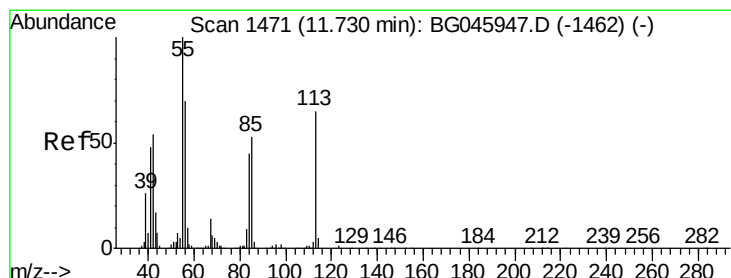
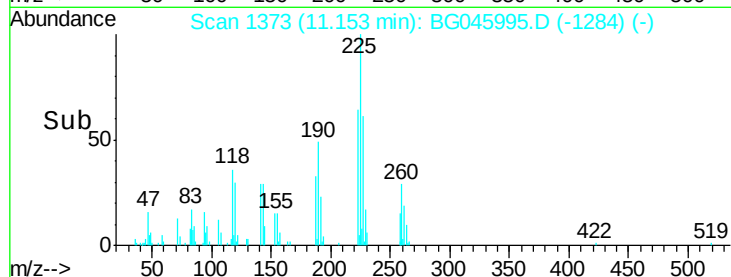
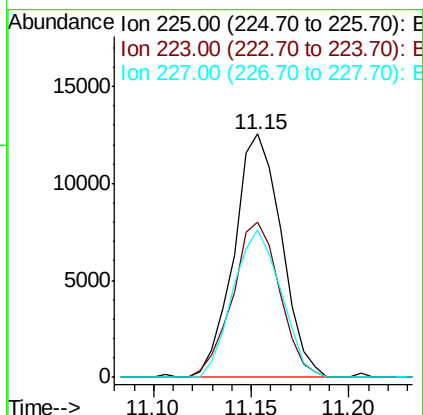
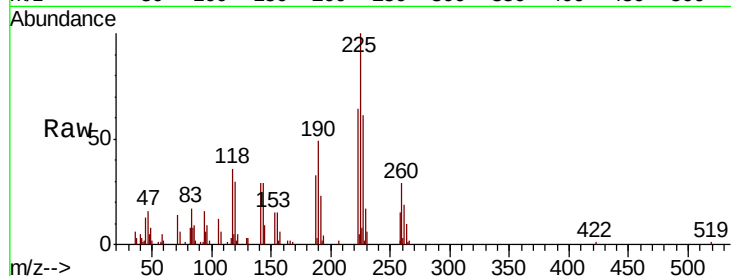
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	225	Resp:	21043
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.2	76.8
227	60.8	52.3	78.5

Manual Integrations
APPROVED

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



#35

Caprolactam

Concen: 3.007 ng

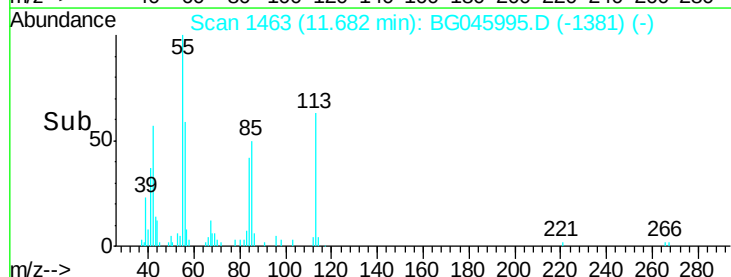
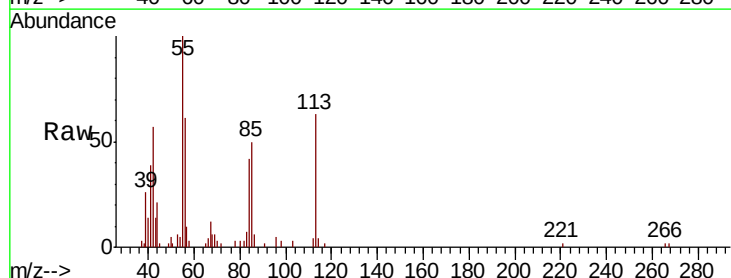
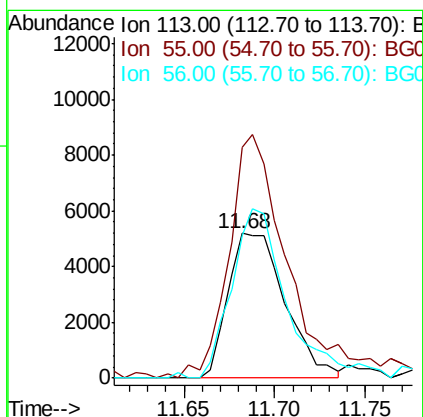
RT: 11.68 min Scan# 1463

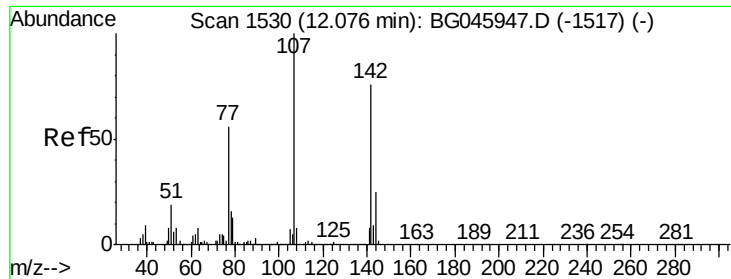
Delta R.T. -0.05 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	113	Resp:	11353
Ion Ratio	Lower	Upper	
113	100		
55	159.8	141.6	181.6
56	98.1	89.6	129.6





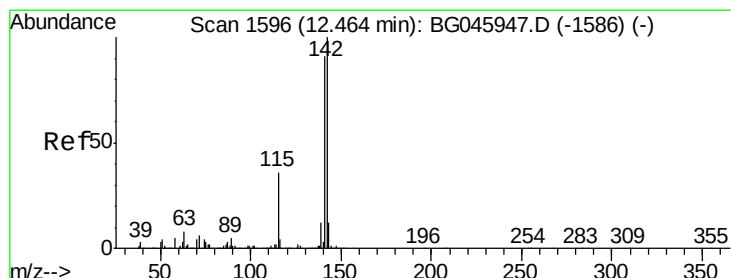
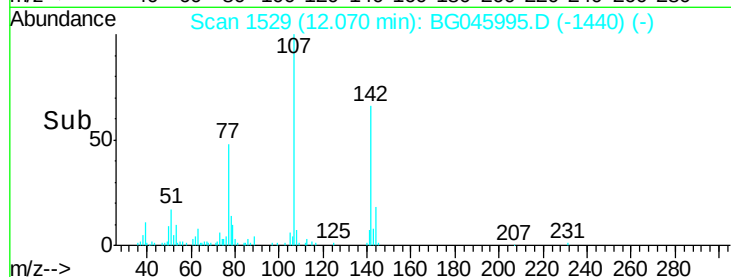
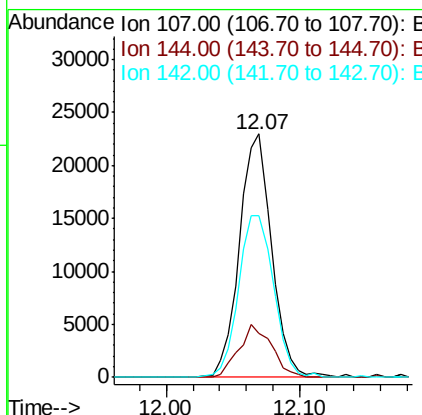
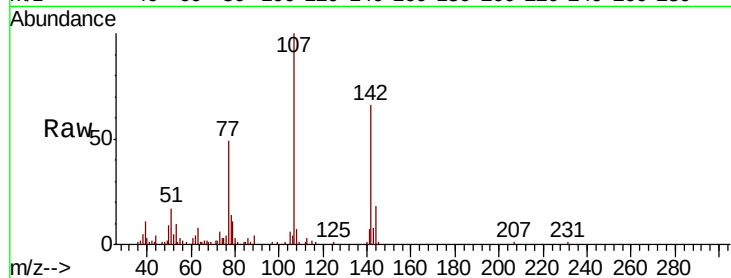
#36
 4-Chloro-3-methylphenol
 Concen: 3.389 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	18.0	20.0	30.0#
142	66.3	61.1	91.7

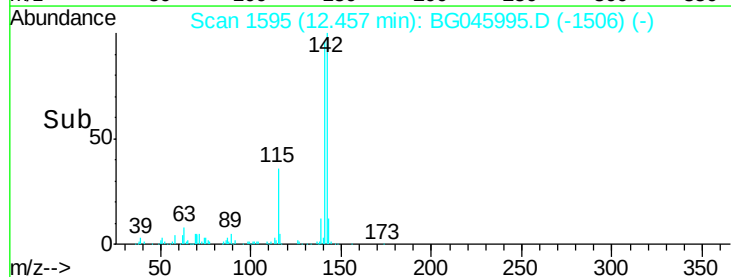
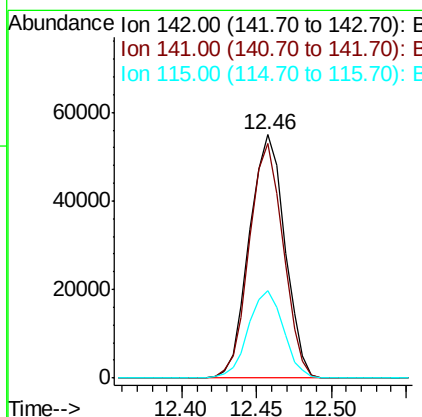
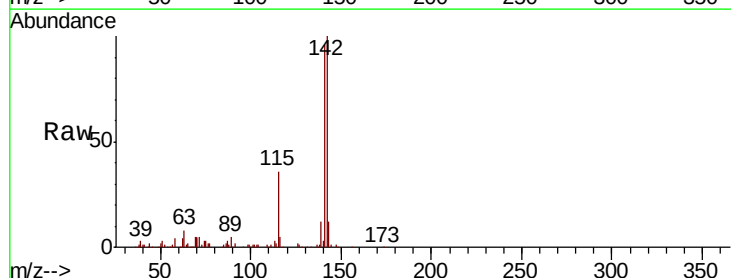
Manual Integrations
 APPROVED

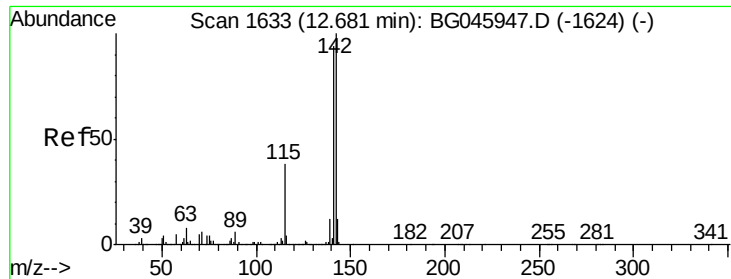
mohammad
 7/10/2020 11:47:10 AM



#37
 2-Methylnaphthalene
 Concen: 3.723 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	73.0	109.6
115	35.8	28.8	43.2





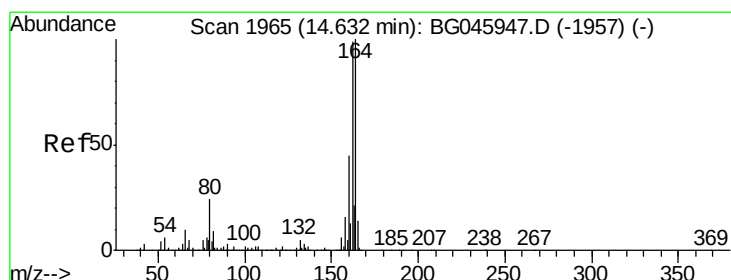
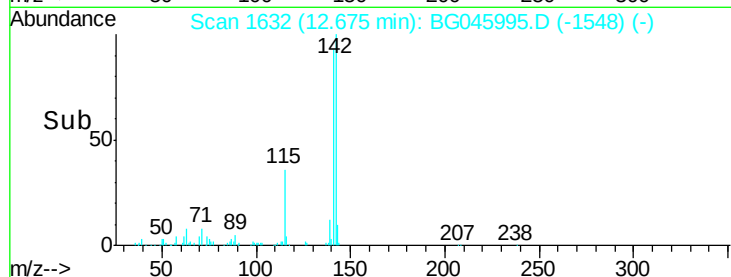
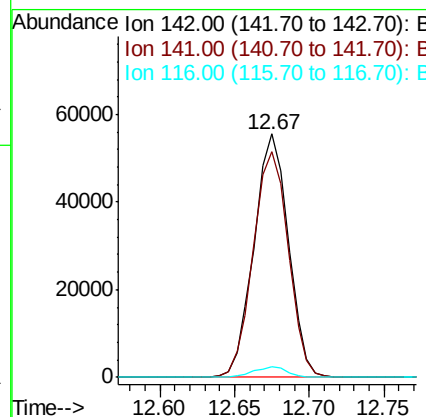
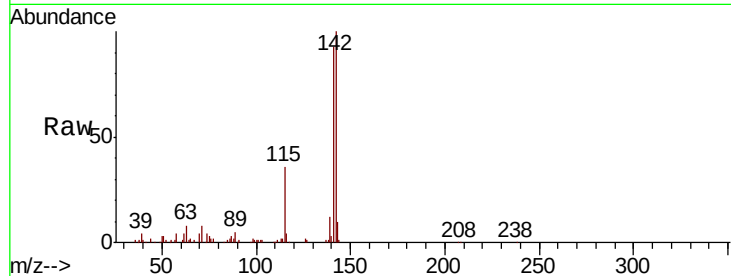
#38
1-Methylnaphthalene
Concen: 3.861 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.2	112.8
116	4.5	3.1	4.7

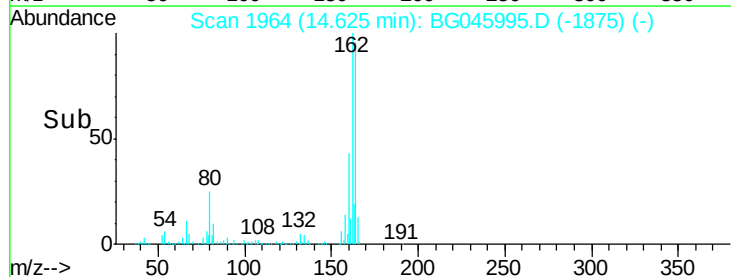
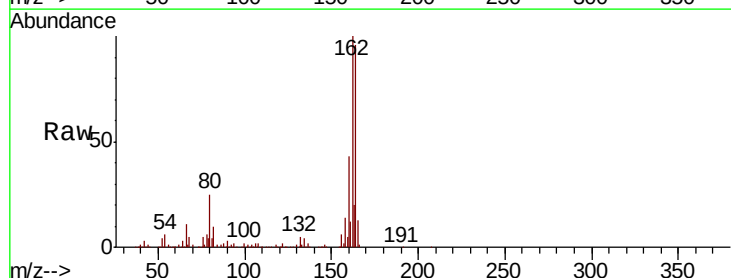
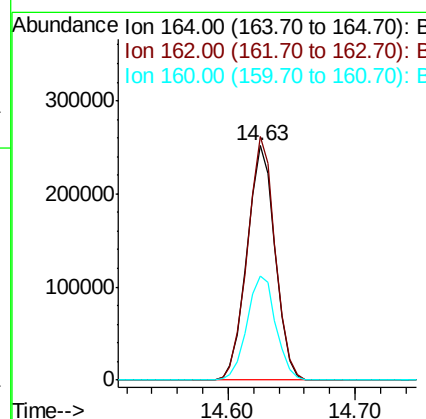
Manual Integrations
APPROVED

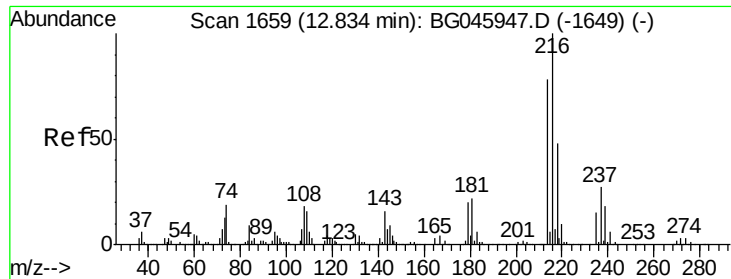
mohammad
7/10/2020 11:47:10 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	79.3	118.9
160	44.6	35.7	53.5





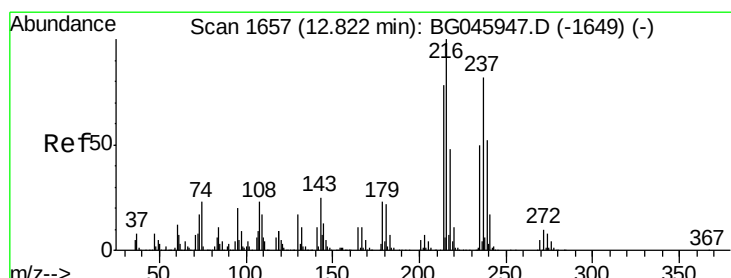
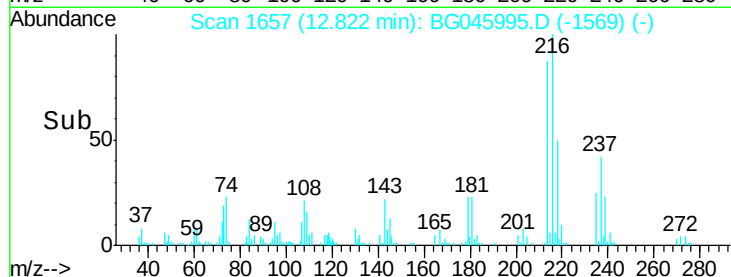
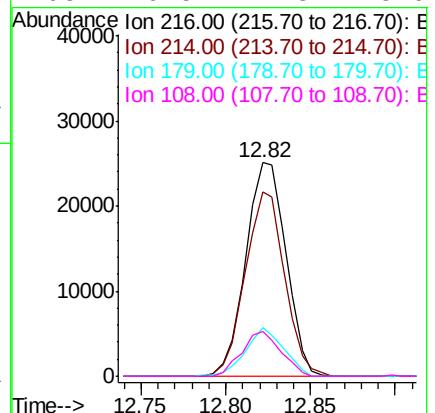
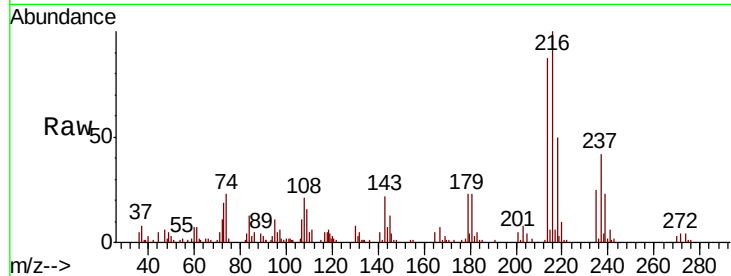
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.825 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion:	216	Resp:	41538
Ion Ratio	Lower	Upper	
216	100		
214	84.7	63.0	94.4
179	21.6	17.0	25.6
108	20.5	17.3	25.9

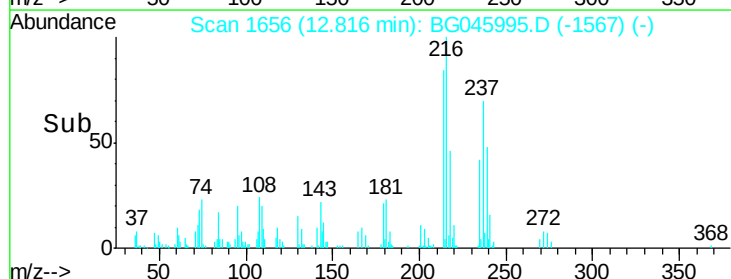
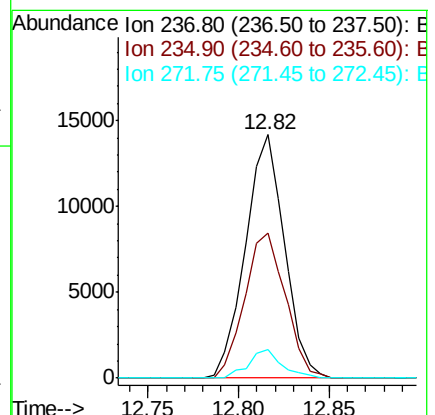
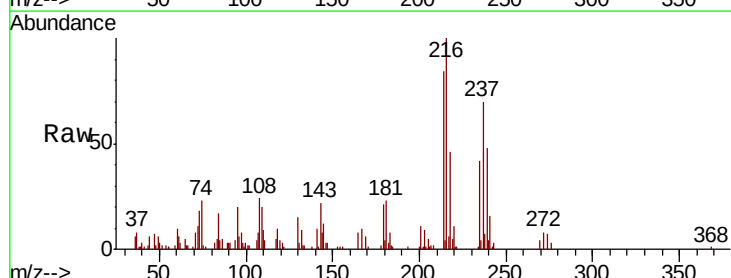
Manual Integrations
APPROVED

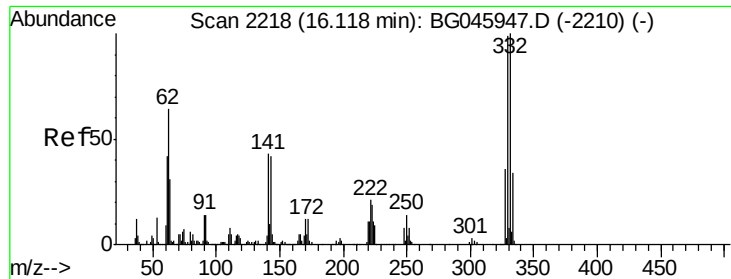
mohammad
7/10/2020 11:47:10 AM



#41
Hexachlorocyclopentadiene
Concen: 3.297 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion:	237	Resp:	21243
Ion Ratio	Lower	Upper	
237	100		
235	59.5	41.5	81.5
272	11.8	0.0	31.7





#42

2,4,6-Tribromophenol

Concen: 141.898 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

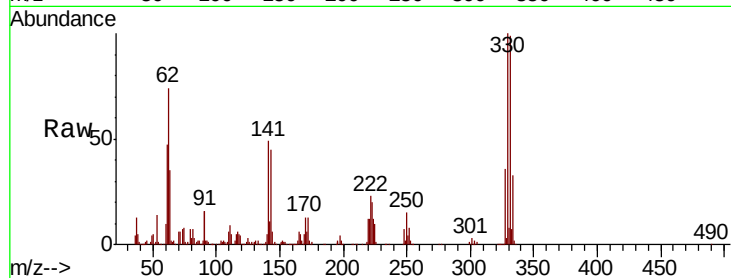
ClientSampleId :

MDL-WATER-03-QT3-2020

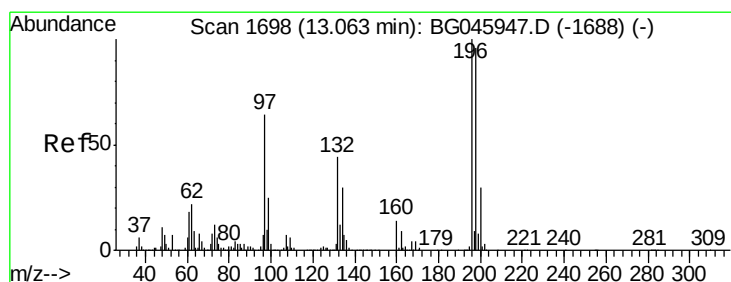
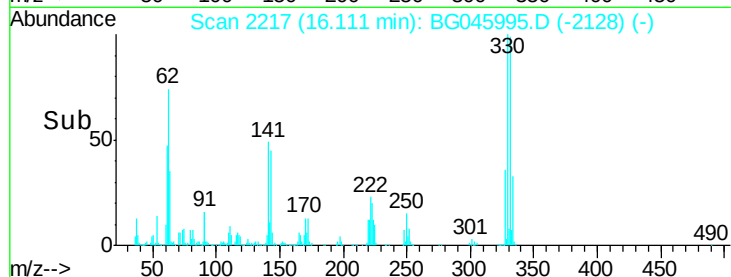
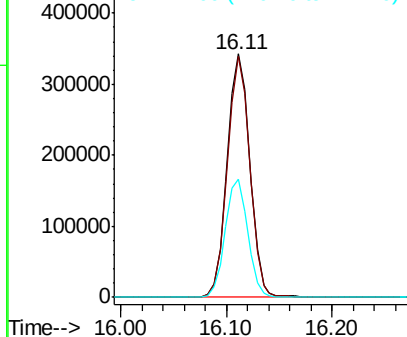
Tot Ion:	330	Resp:	507341
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.3	117.5
141	48.7	36.6	54.8

Manual Integrations
APPROVED

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



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 3.240 ng

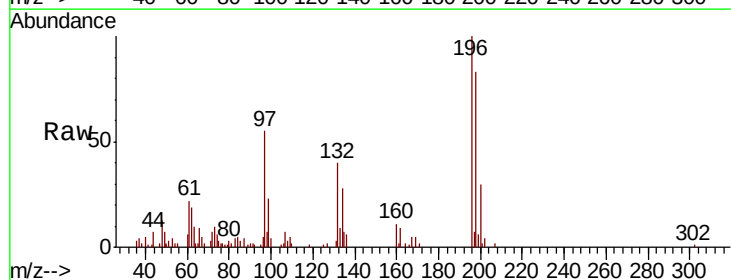
RT: 13.06 min Scan# 1697

Delta R.T. -0.01 min

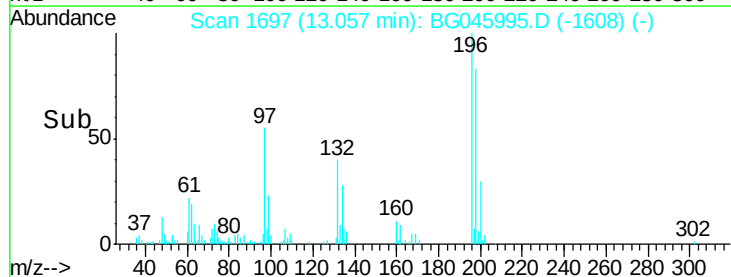
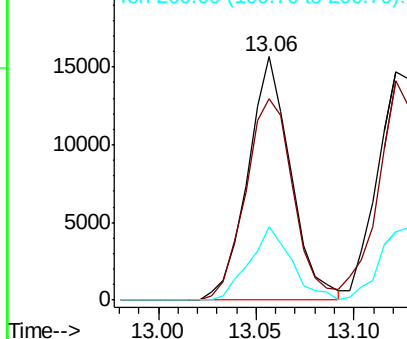
Lab File: BG045995.D

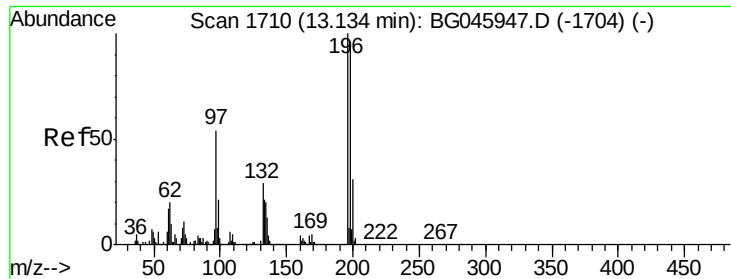
Acq: 9 Jul 2020 15:15

Tgt Ion:	196	Resp:	23795
Ion Ratio	Lower	Upper	
196	100		
198	82.6	76.7	115.1
200	30.2	24.3	36.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





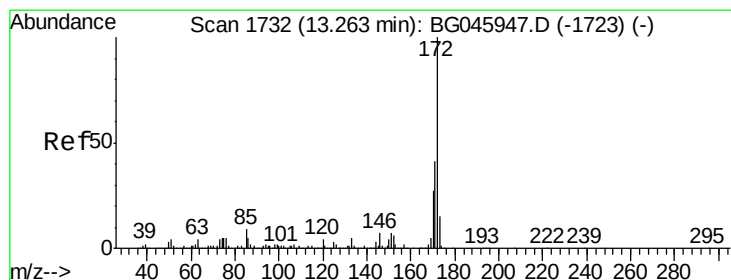
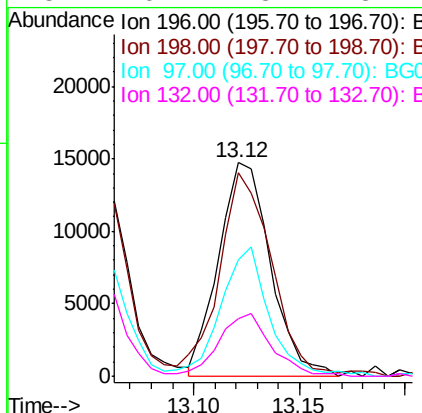
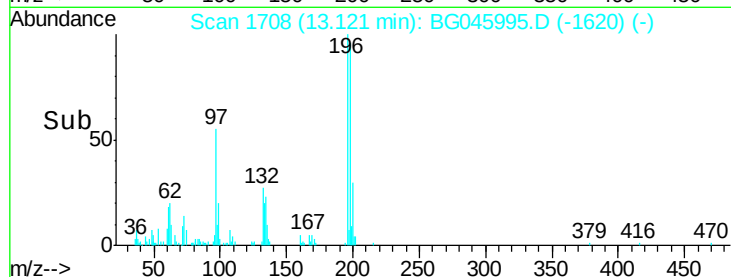
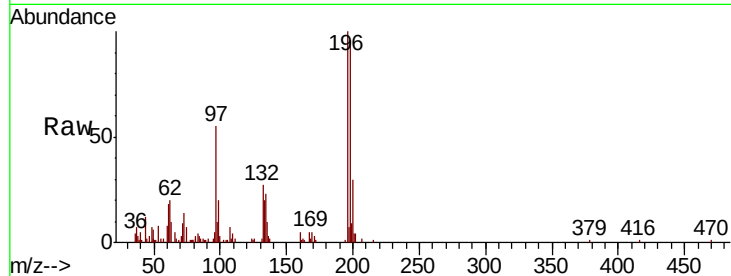
#44
2,4,5-Trichlorophenol
Concen: 3.016 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion:	196	Resp:	25041
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.0	115.6
97	54.7	44.3	66.5
132	26.7	23.1	34.7

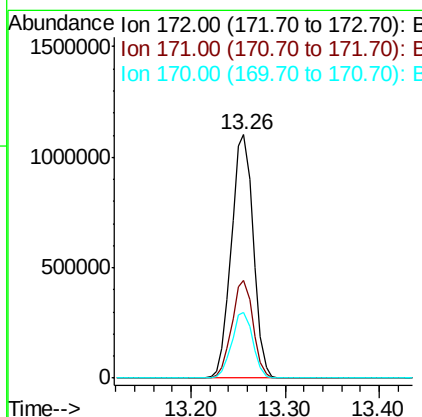
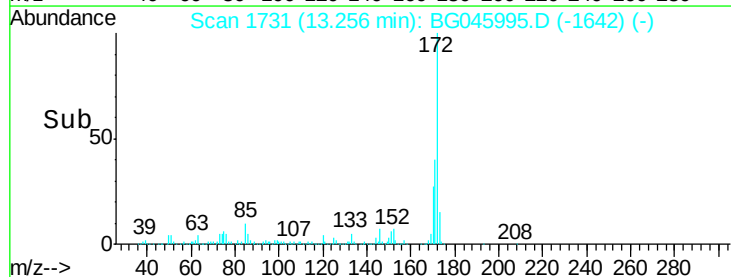
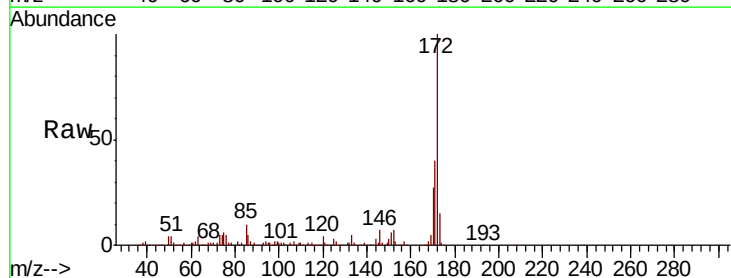
Manual Integrations
APPROVED

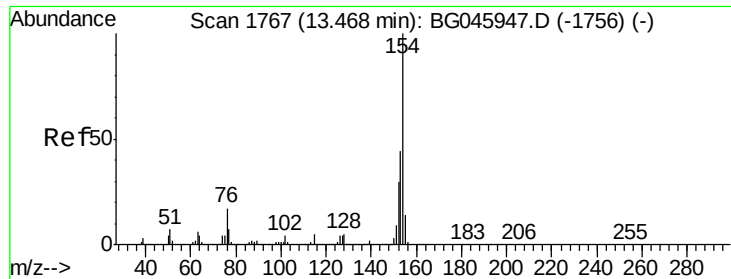
mohammad
7/10/2020 11:47:10 AM



#45
2-Fluorobiphenyl
Concen: 71.912 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion:	172	Resp:	1776032
Ion Ratio	Lower	Upper	
172	100		
171	40.1	32.9	49.3
170	27.0	21.8	32.6





#46

1,1'-Biphenyl

Concen: 4.051 ng

RT: 13.46 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

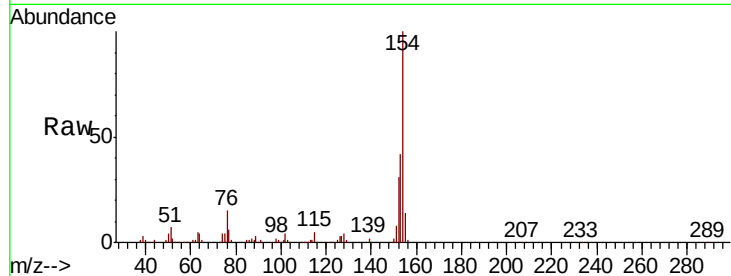
ClientSampleId :

MDL-WATER-03-QT3-2020

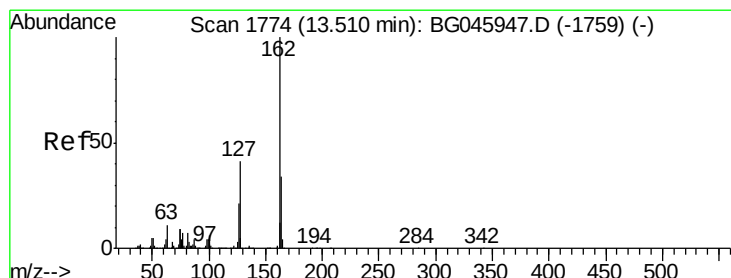
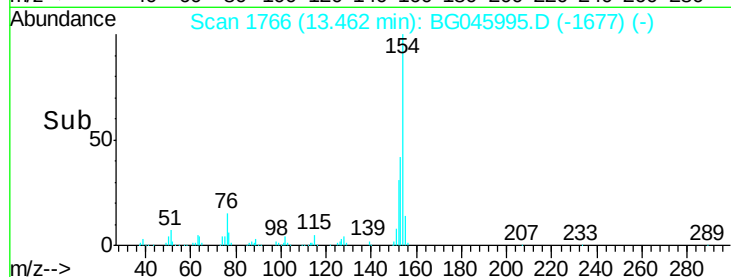
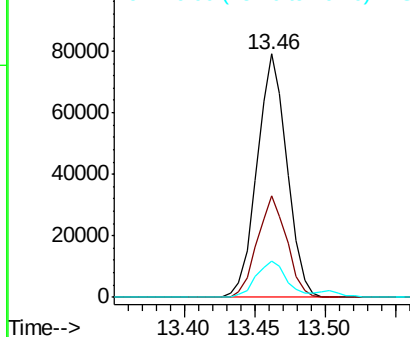
Tot Ion:	154	Resp:	117388
Ion Ratio	Lower	Upper	
154	100		
153	41.6	23.6	63.6
76	15.0	0.0	36.9

Manual Integrations
APPROVED

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



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#47

2-Chloronaphthalene

Concen: 3.671 ng

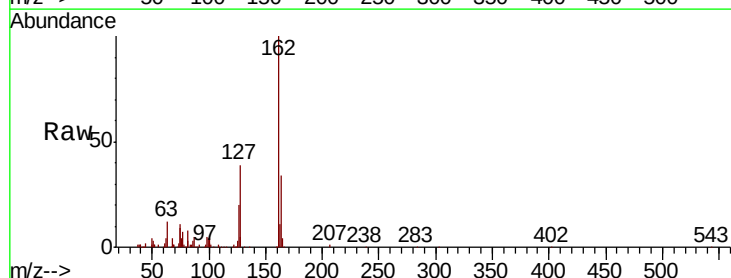
RT: 13.50 min Scan# 1773

Delta R.T. -0.01 min

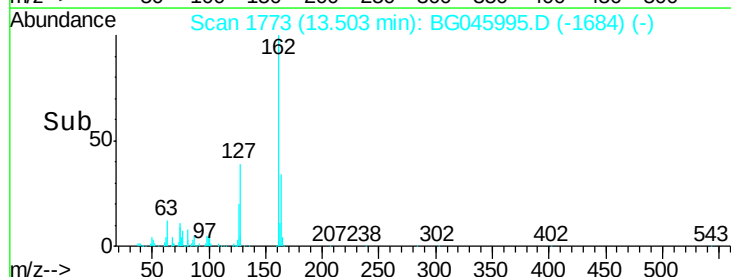
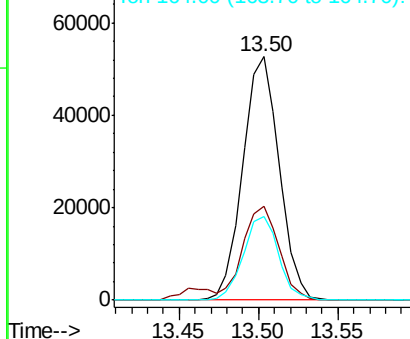
Lab File: BG045995.D

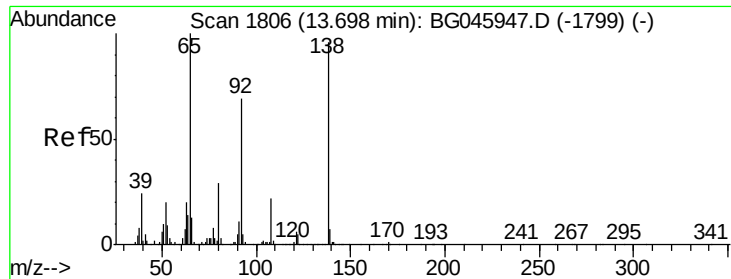
Acq: 9 Jul 2020 15:15

Tgt Ion:	162	Resp:	83939
Ion Ratio	Lower	Upper	
162	100		
127	38.7	32.5	48.7
164	34.5	27.2	40.8



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





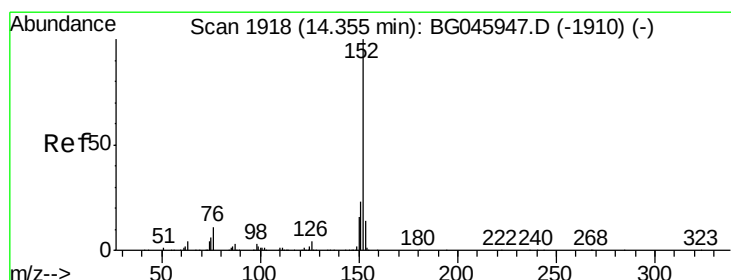
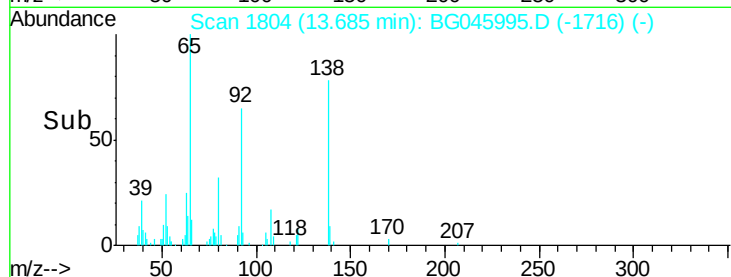
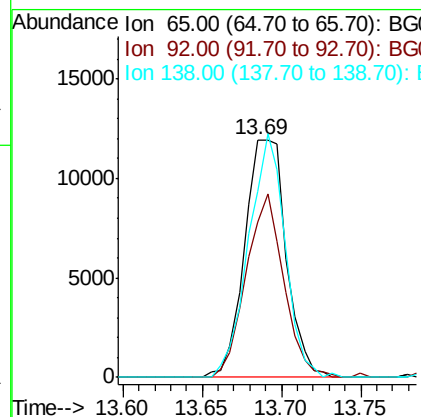
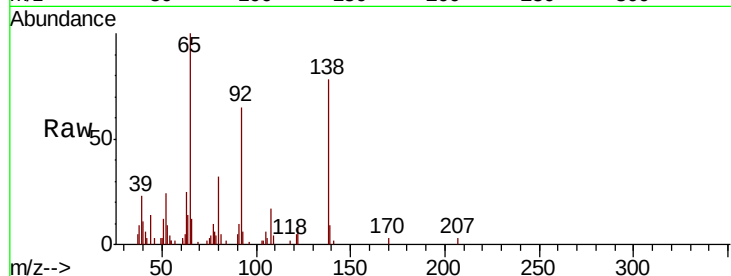
#48
2-Nitroaniline
Concen: 4.056 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.4	83.0
138	78.3	77.0	115.4

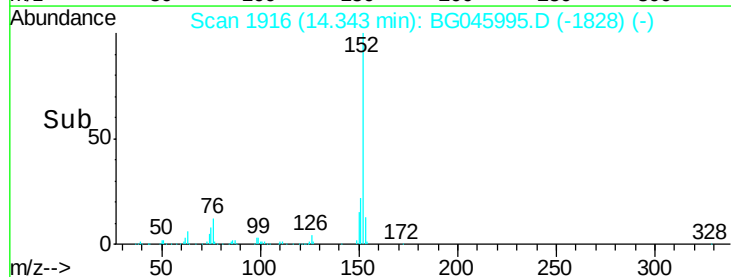
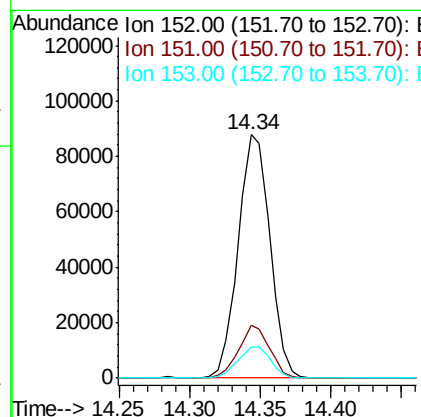
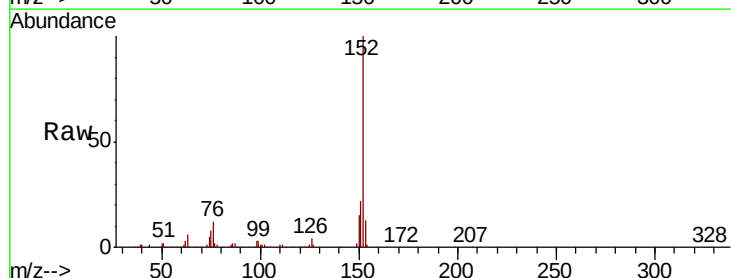
Manual Integrations
APPROVED

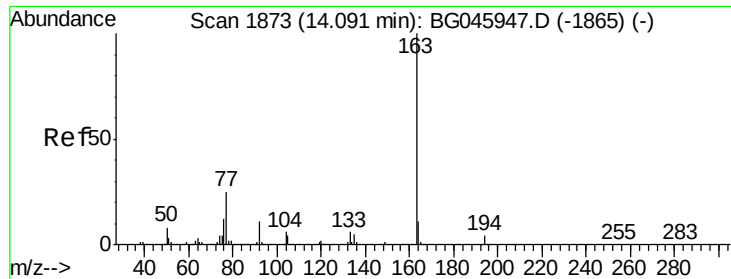
mohammad
7/10/2020 11:47:10 AM



#49
Acenaphthylene
Concen: 3.740 ng
RT: 14.34 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	18.1	27.1
153	13.0	11.5	17.3





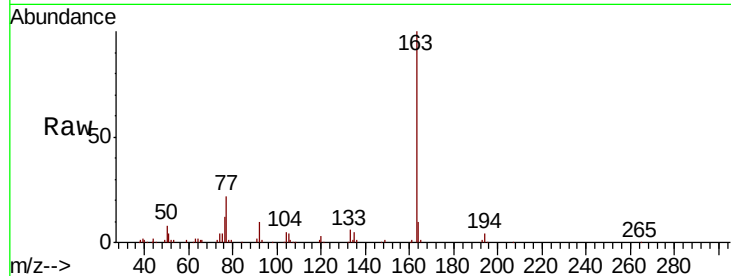
#50
Dimethylphthalate
Concen: 3.526 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	101930		
194	4.0		3.6	5.4
164	10.2		8.9	13.3

Manual Integrations
APPROVED

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

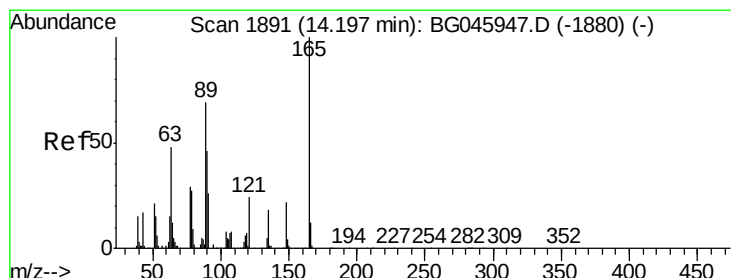
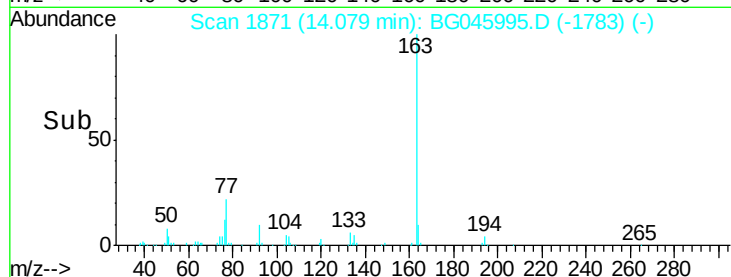
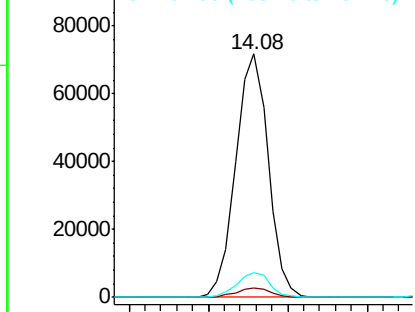


Abundance

Ion 163.00 (162.70 to 163.70): E

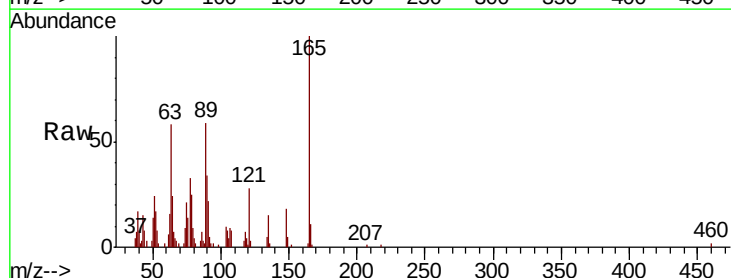
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 3.997 ng
RT: 14.18 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	17932		
63	57.8		51.0	76.4
89	58.6		55.7	83.5

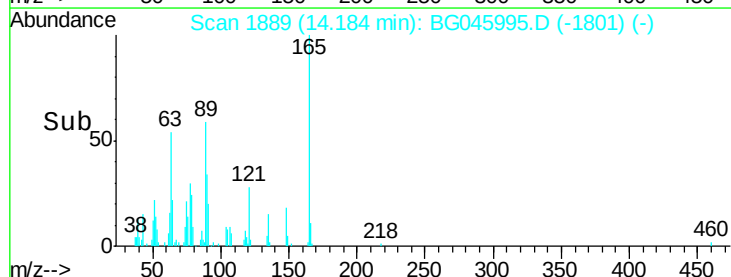
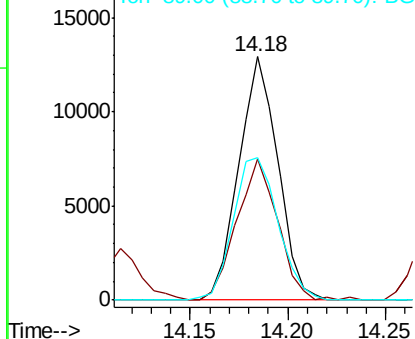


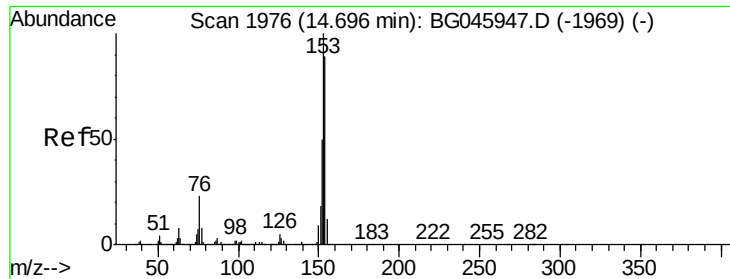
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 3.468 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

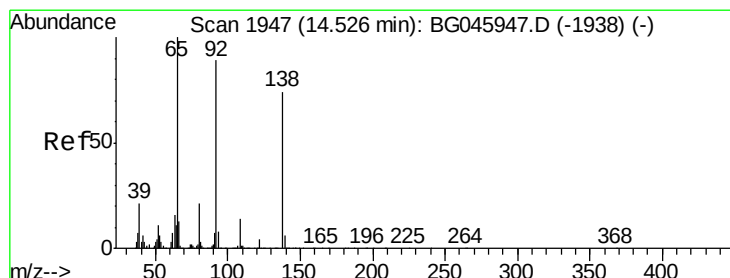
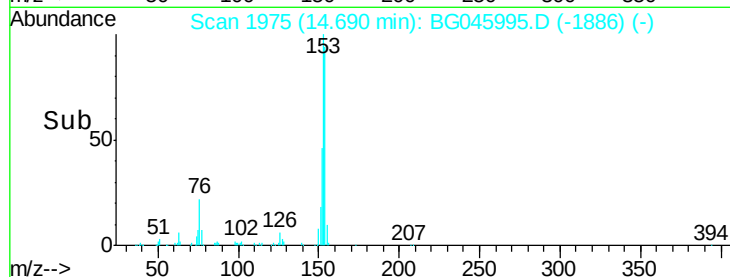
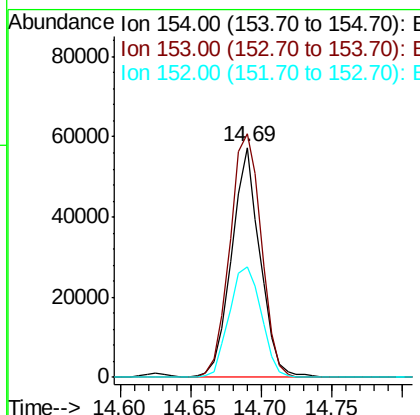
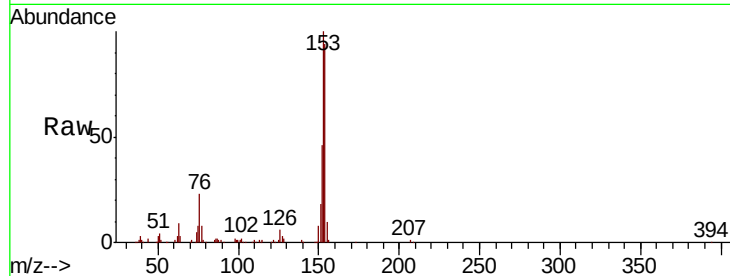
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
154	100		
153	106.0	89.7	134.5
152	48.3	44.7	67.1

Manual Integrations
APPROVED

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



#53

3-Nitroaniline

Concen: 3.628 ng

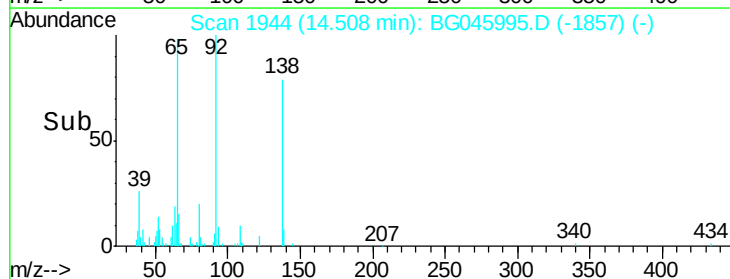
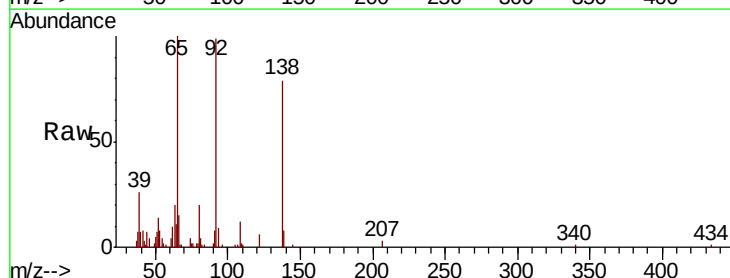
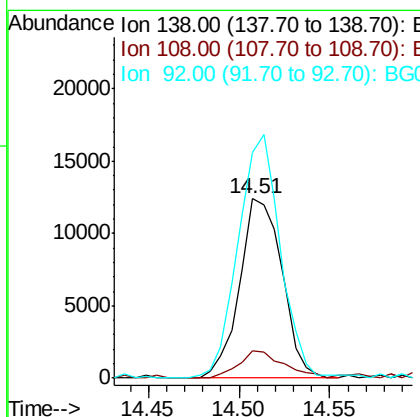
RT: 14.51 min Scan# 1944

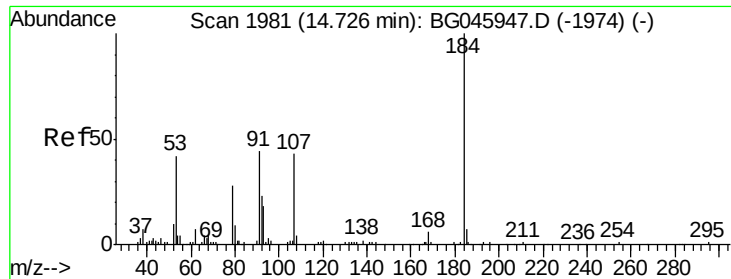
Delta R.T. -0.02 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.9	15.4	23.2#
92	126.2	95.9	143.9





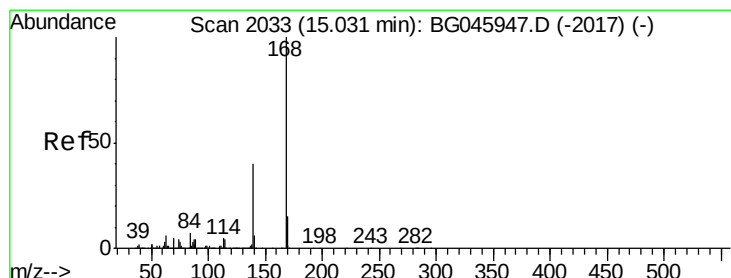
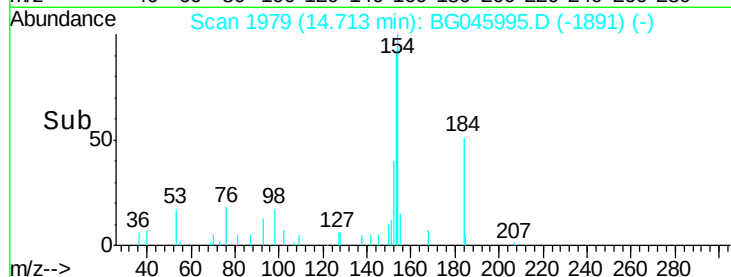
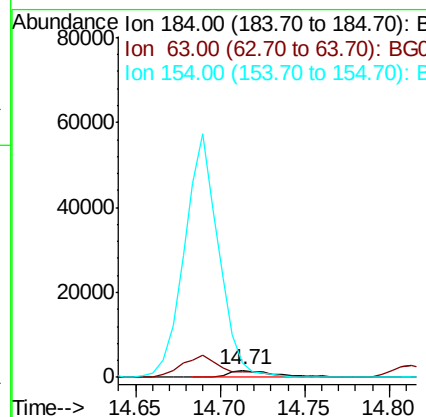
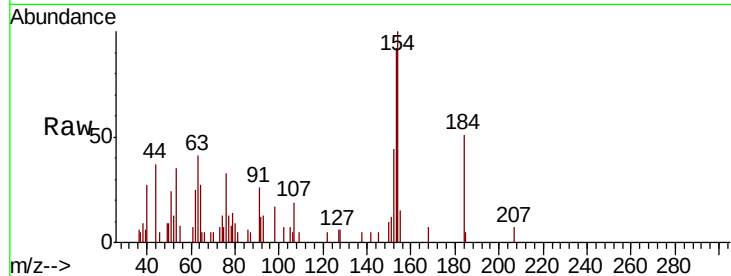
#54
2,4-Dinitrophenol
Concen: 2.055 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.7	46.0	69.0#
154	195.3	58.2	87.2#

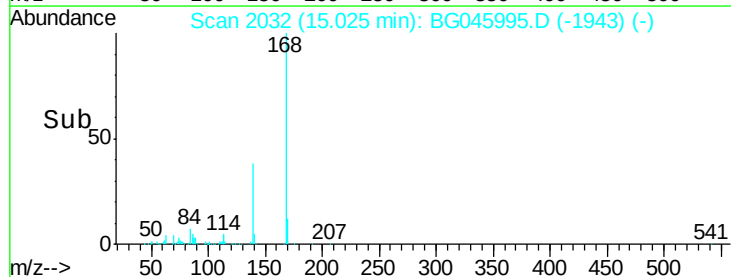
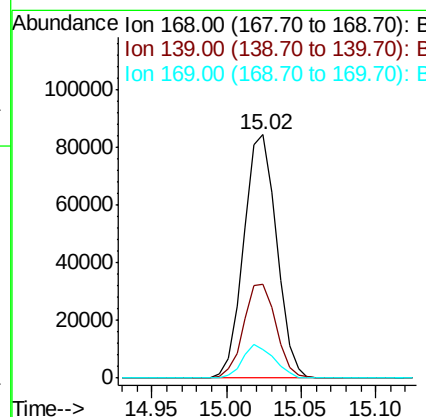
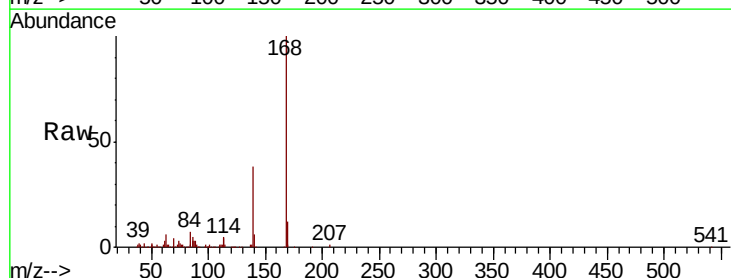
Manual Integrations
APPROVED

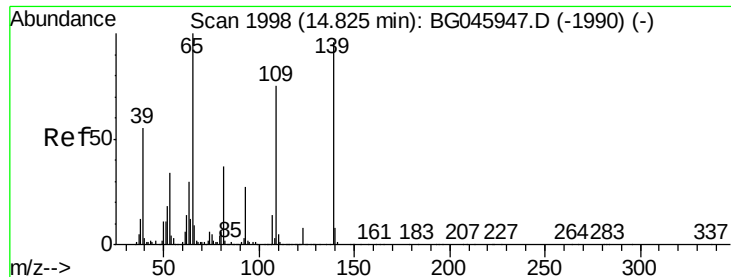
mohammad
7/10/2020 11:47:10 AM



#55
Dibenzofuran
Concen: 3.778 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.2	48.2
169	11.7	11.8	17.8#





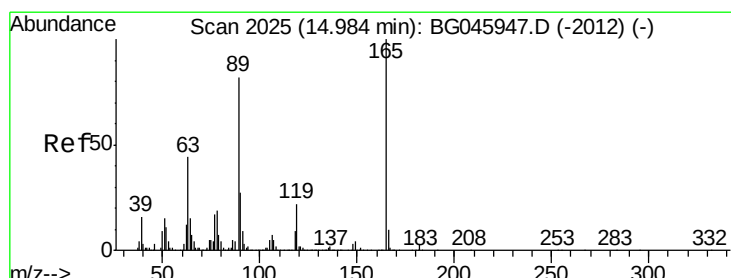
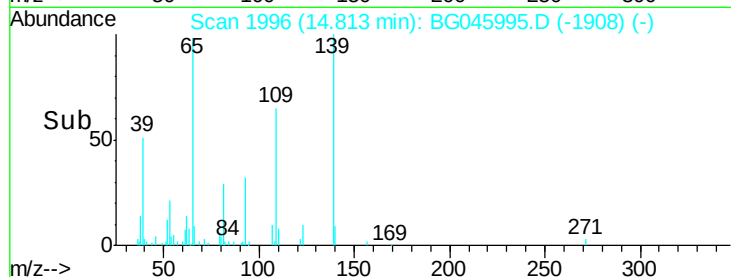
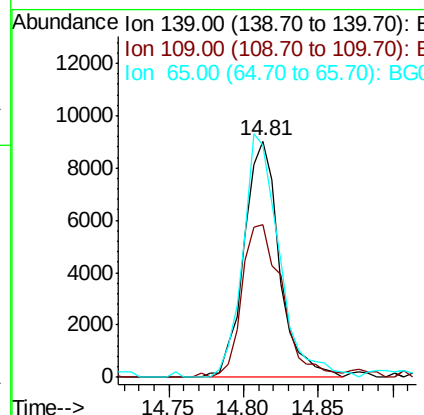
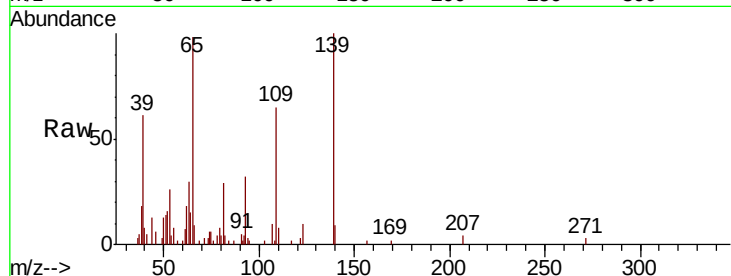
#56
4-Nitrophenol
Concen: 3.145 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	58.5	98.5
65	98.3	84.7	124.7

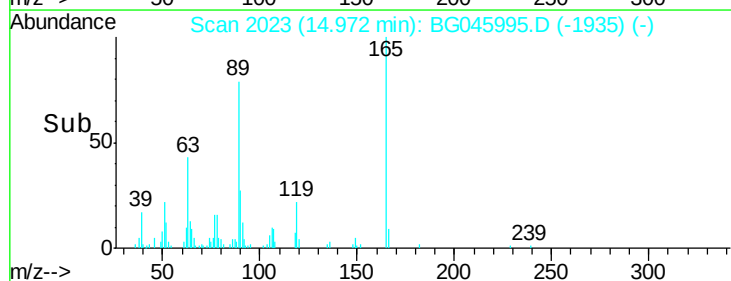
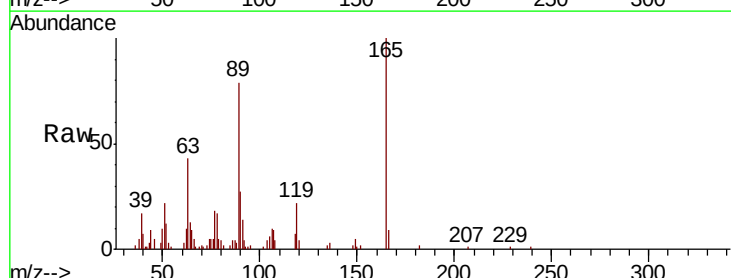
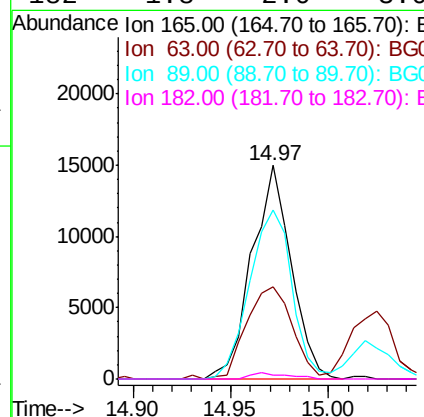
Manual Integrations
APPROVED

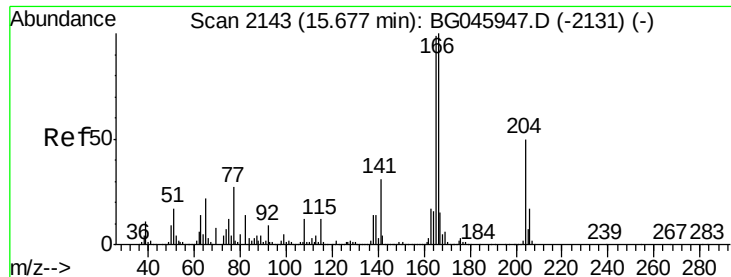
mohammad
7/10/2020 11:47:10 AM



#57
2,4-Dinitrotoluene
Concen: 3.781 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.4	53.0
89	79.2	65.4	98.2
182	1.8	2.0	3.0#





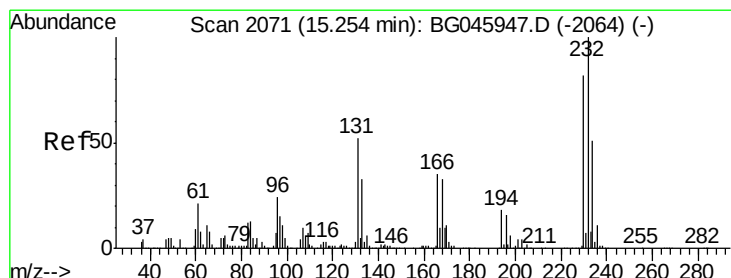
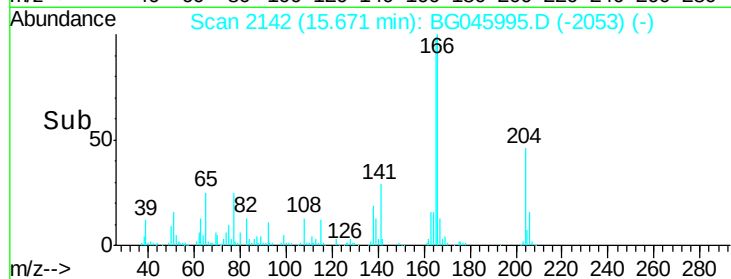
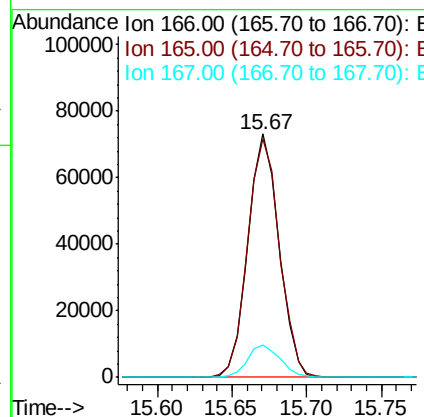
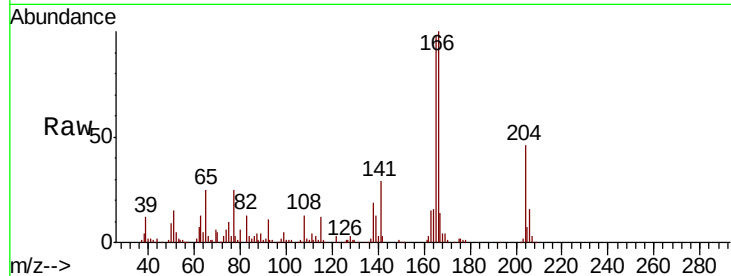
#58
 Fluorene
 Concen: 3.752 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	104982		
165	98.2		78.9	118.3
167	13.5		12.1	18.1

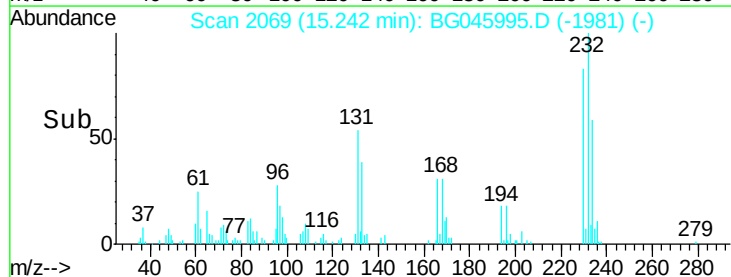
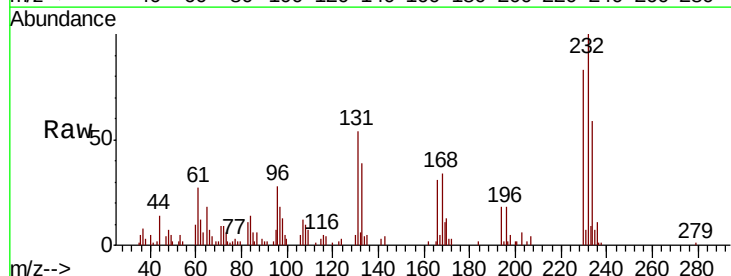
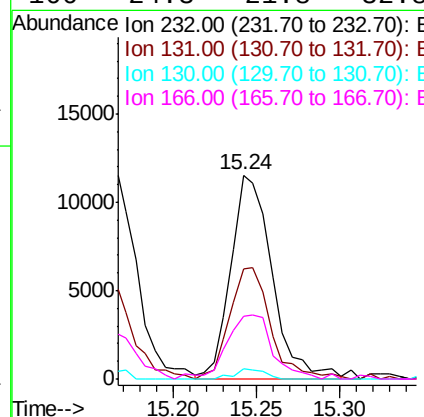
Manual Integrations
 APPROVED

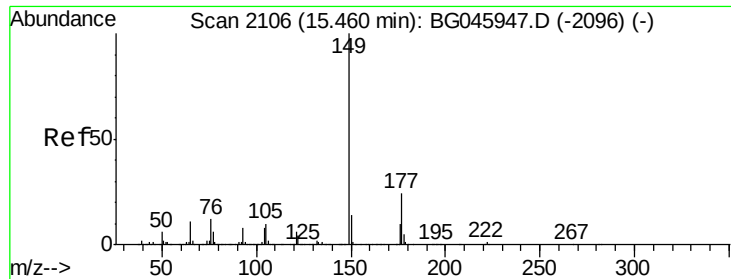
mohammad
 7/10/2020 11:47:10 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.103 ng m
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	19897		
131	42.6		35.8	53.6
130	2.4		2.5	3.7#
166	24.3		21.8	32.8





#60

Diethylphthalate

Concen: 3.506 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

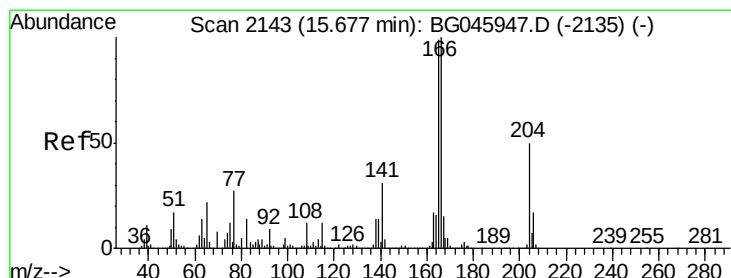
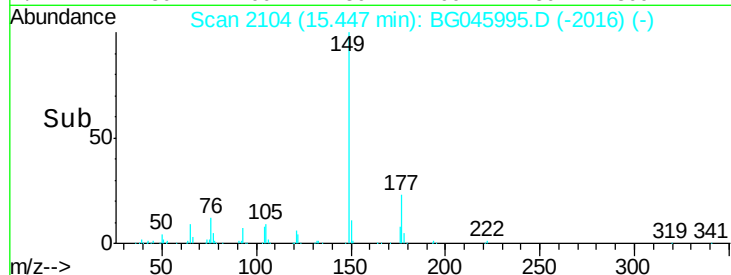
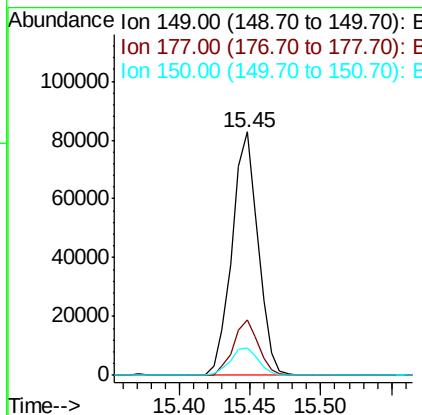
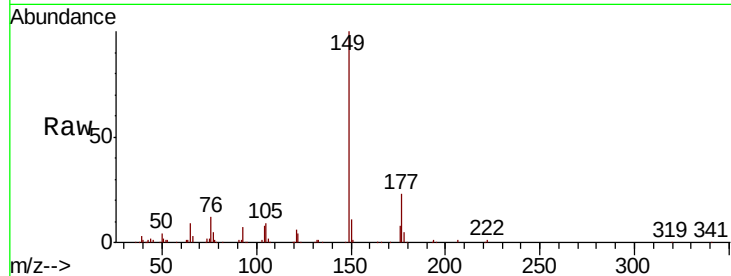
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	149	Resp:	106291
Ion Ratio	Lower	Upper	
149	100		
177	22.7	19.0	28.4
150	11.4	11.0	16.4

Manual Integrations
APPROVED

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



#61

4-Chlorophenyl-phenylether

Concen: 3.496 ng

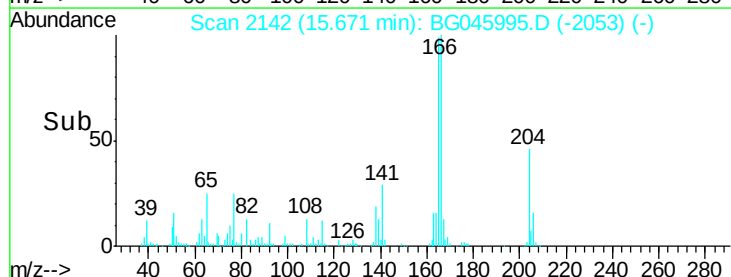
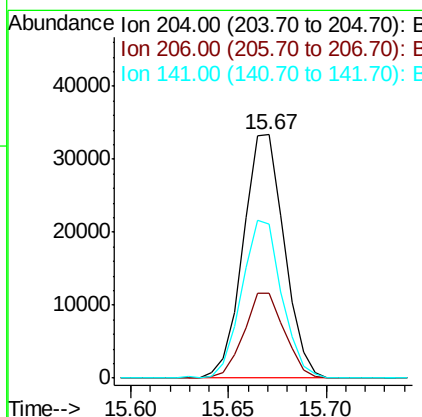
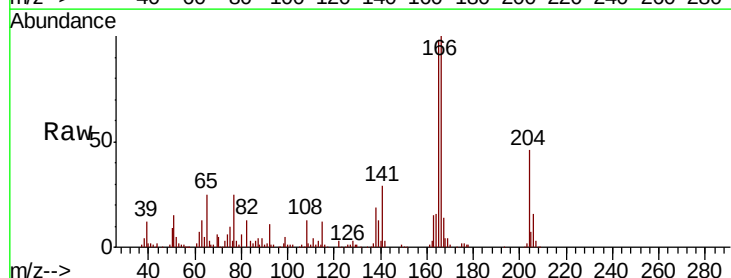
RT: 15.67 min Scan# 2142

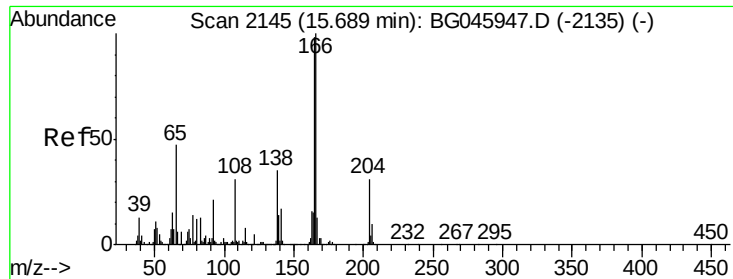
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion:	204	Resp:	48661
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.1	40.7
141	63.1	49.8	74.8





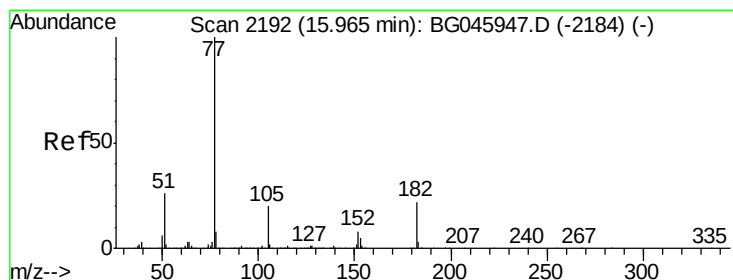
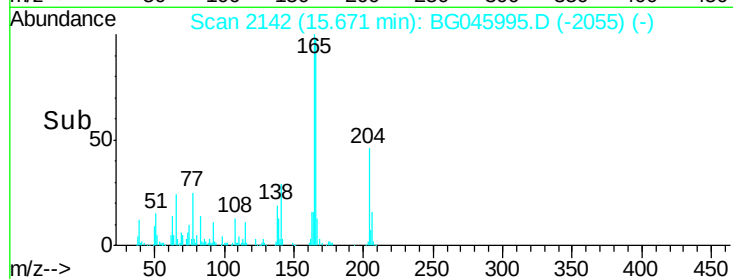
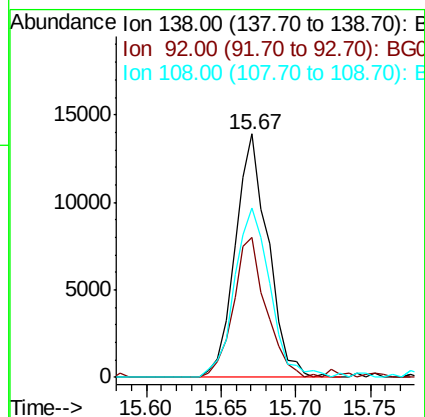
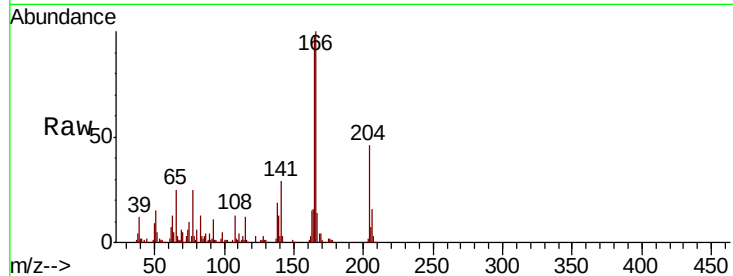
#62
4-Nitroaniline
Concen: 3.546 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.3	40.3	80.3
108	69.8	68.0	108.0

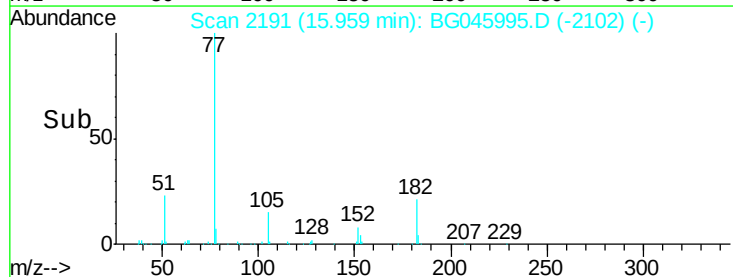
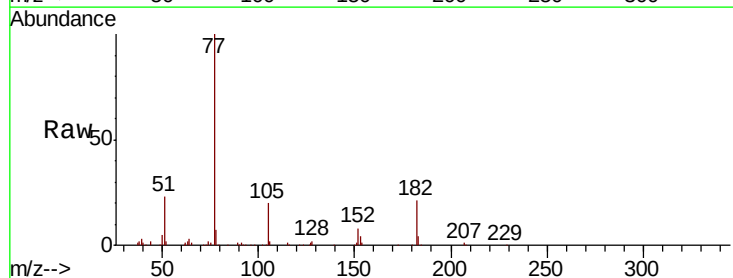
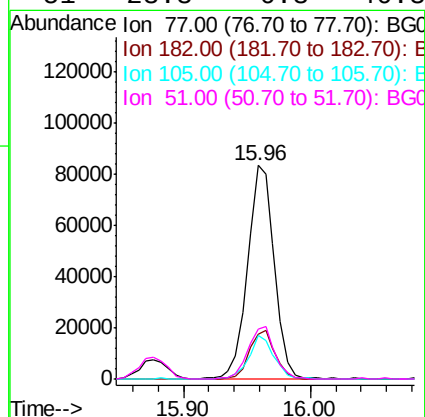
Manual Integrations
APPROVED

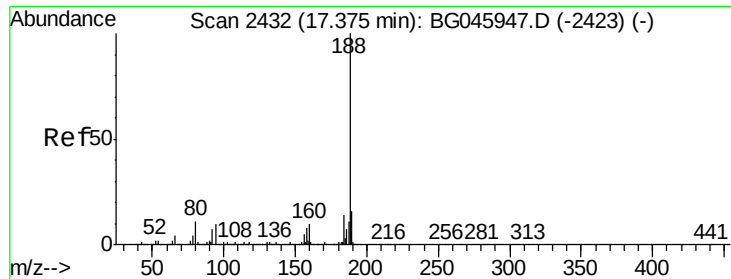
mohammad
7/10/2020 11:47:10 AM



#63
Azobenzene
Concen: 3.760 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	2.4	42.4
105	20.2	0.3	40.3
51	23.3	6.3	46.3





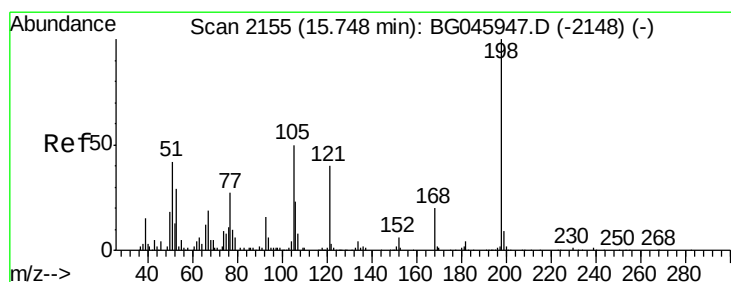
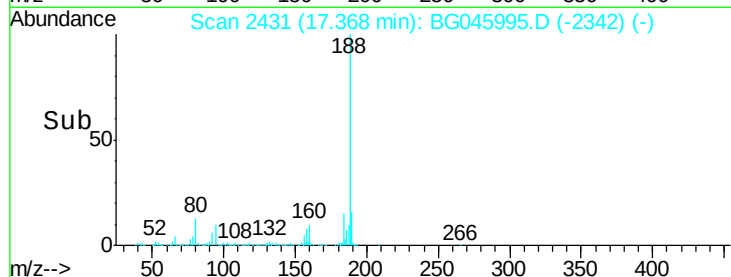
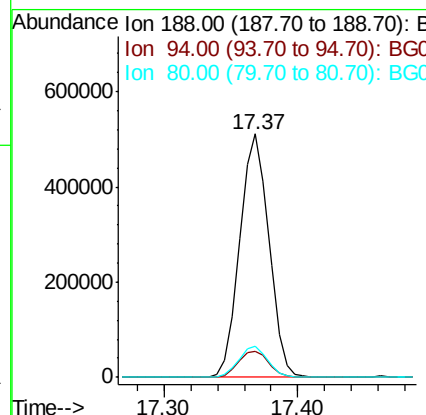
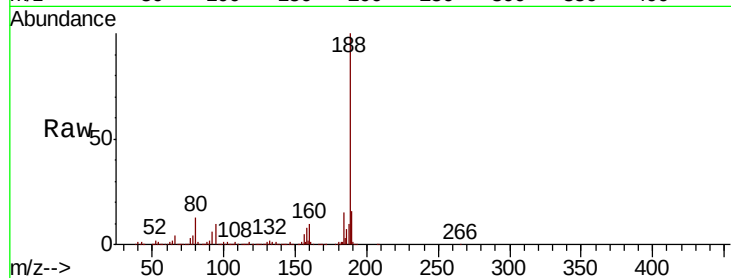
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	774432		
94	10.5		8.2	12.4
80	12.8		9.0	13.6

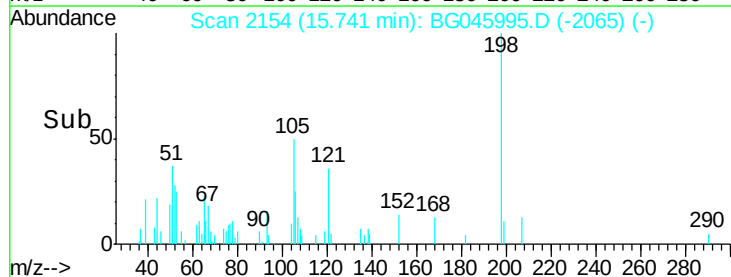
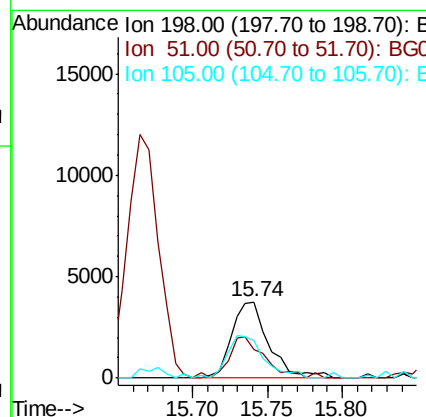
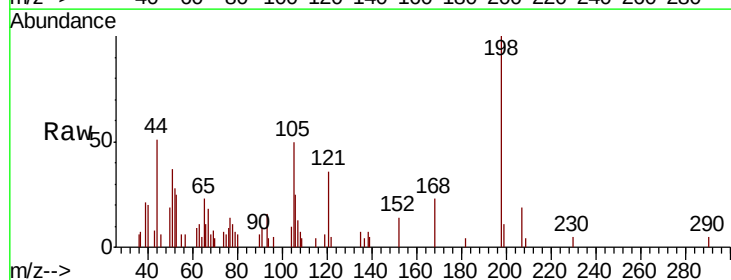
Manual Integrations
APPROVED

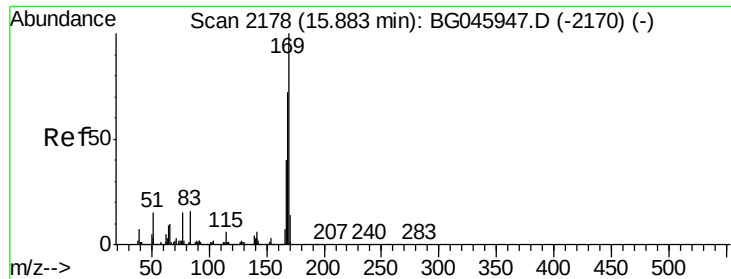
mohammad
7/10/2020 11:47:10 AM



#65
4,6-Dinitro-2-methylphenol
Concen: 2.879 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6530		
51	36.8		24.5	64.5
105	50.0		30.9	70.9





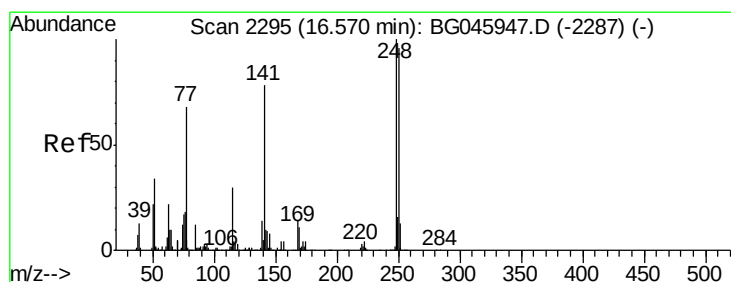
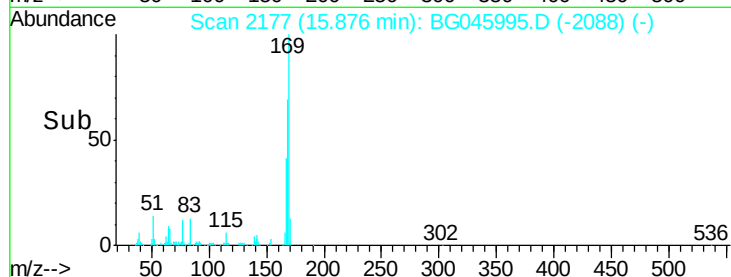
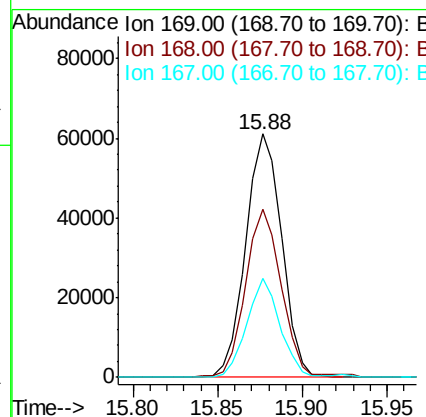
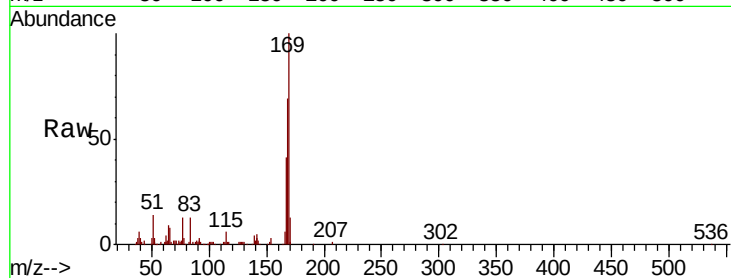
#66
n-Nitrosodiphenylamine
Concen: 3.778 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	57.3	85.9
167	40.5	32.1	48.1

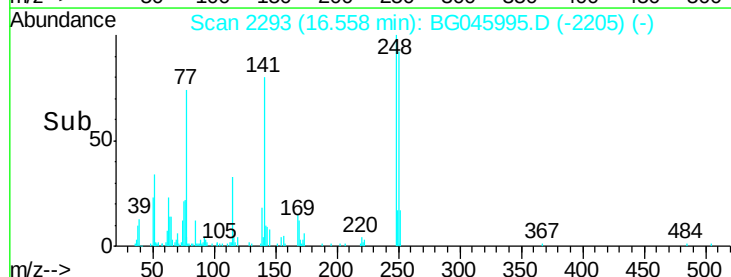
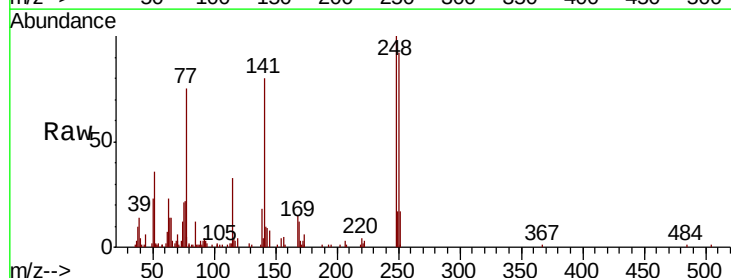
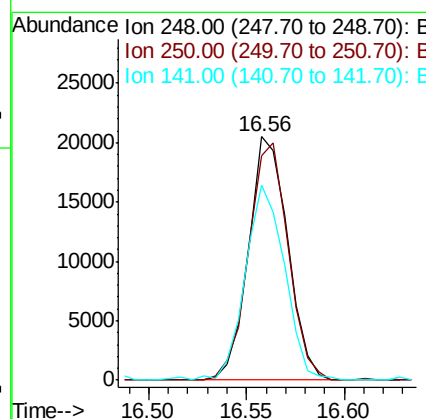
Manual Integrations
APPROVED

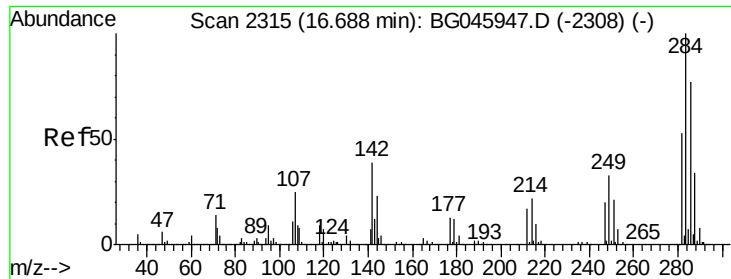
mohammad
7/10/2020 11:47:10 AM



#67
4-Bromophenyl-phenylether
Concen: 3.297 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.4	76.6	114.8
141	79.9	62.7	94.1





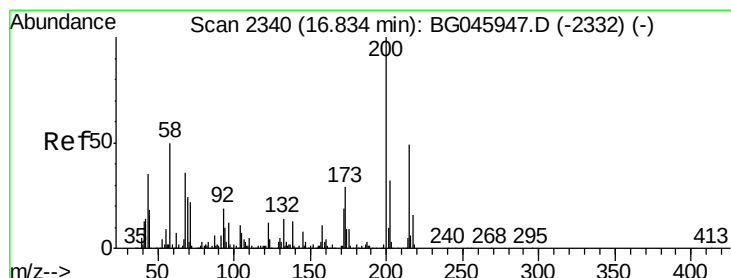
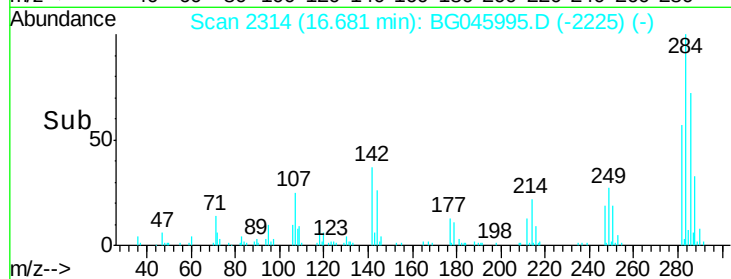
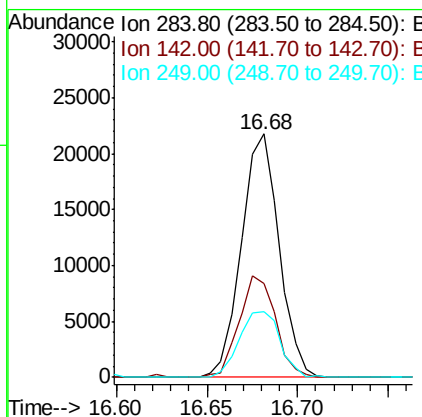
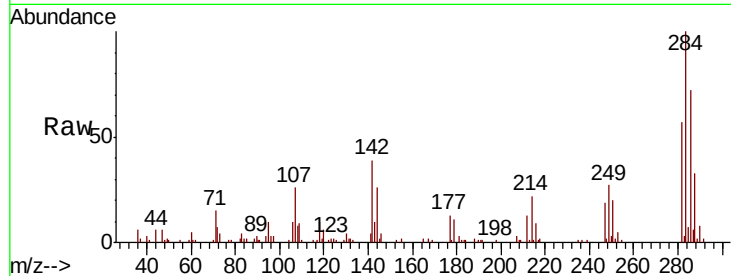
#68
Hexachlorobenzene
Concen: 3.615 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	31378		
142	38.6	31.3	46.9	
249	27.1	26.8	40.2	

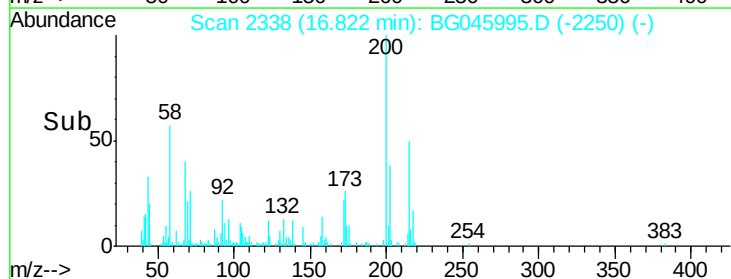
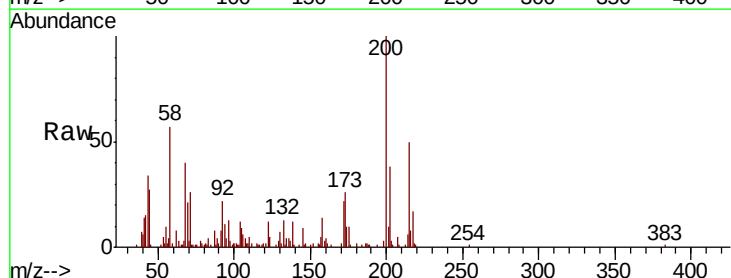
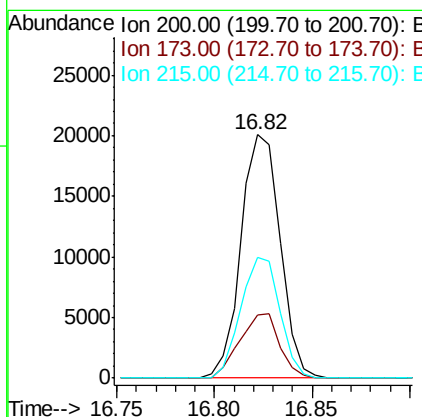
Manual Integrations
APPROVED

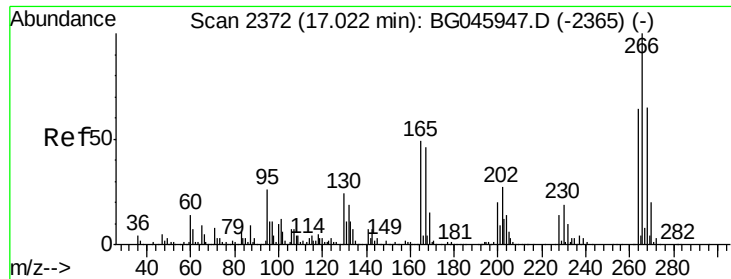
mohammad
7/10/2020 11:47:10 AM



#69
Atrazine
Concen: 3.934 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	27915		
173	25.9	9.1	49.1	
215	49.8	28.8	68.8	





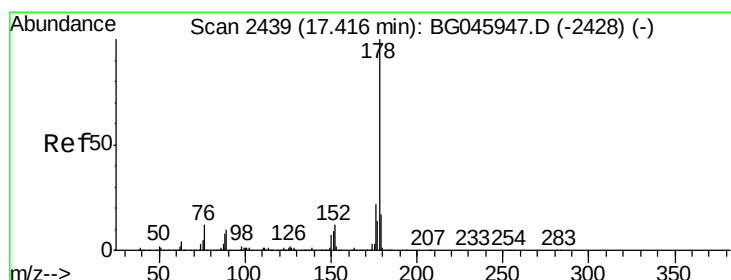
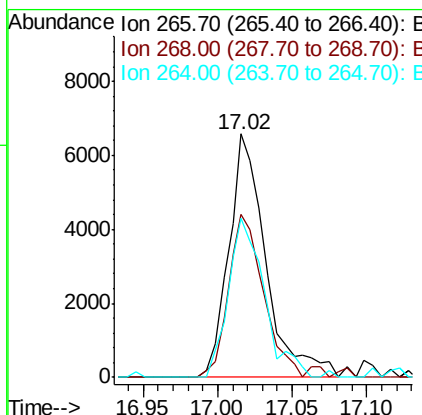
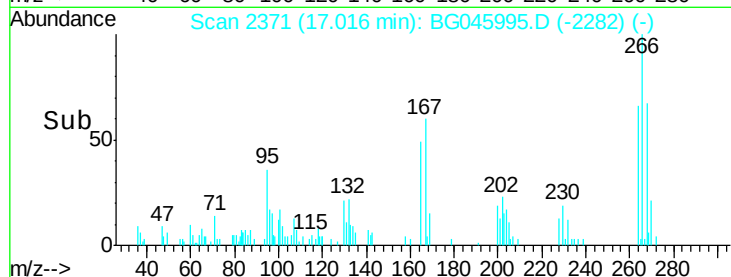
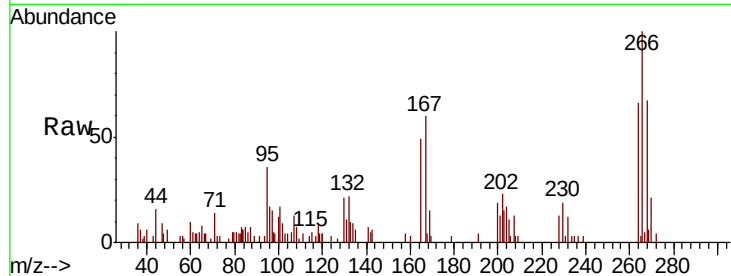
#70
 Pentachlorophenol
 Concen: 2.359 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.8	77.8
264	65.6	51.4	77.0

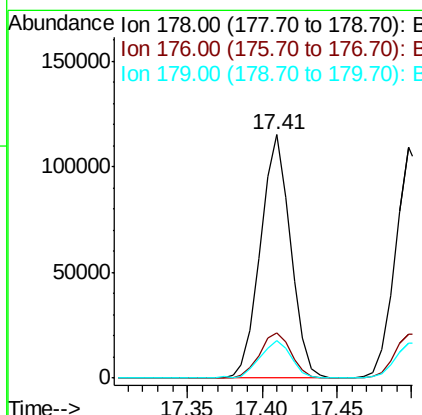
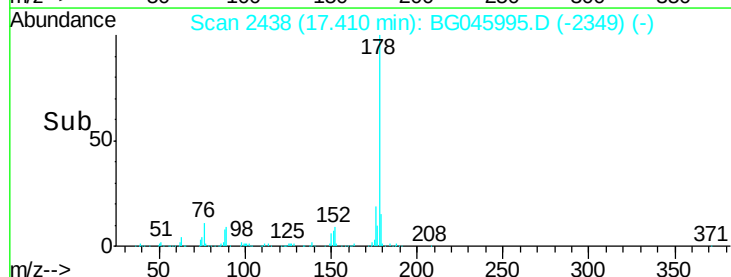
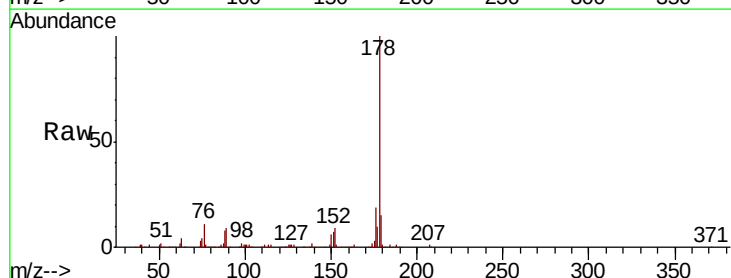
Manual Integrations
 APPROVED

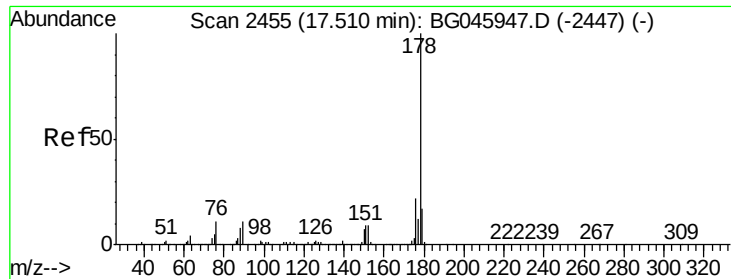
mohammad
 7/10/2020 11:47:10 AM



#71
 Phenanthrene
 Concen: 3.922 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.4	26.2
179	15.4	13.4	20.2





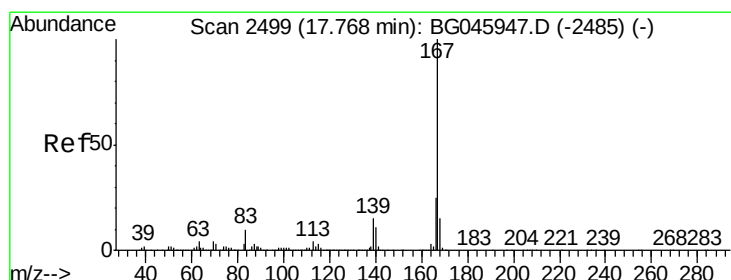
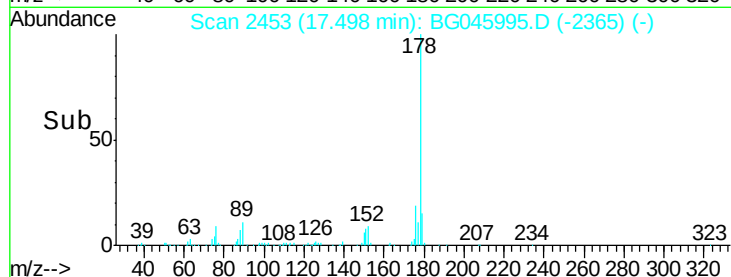
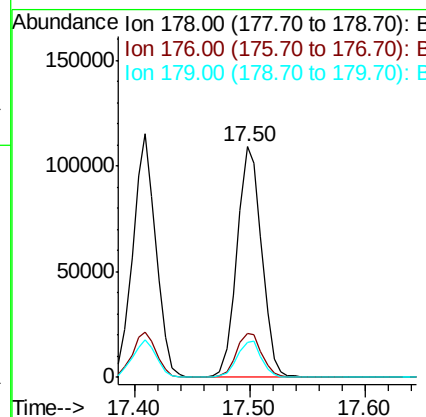
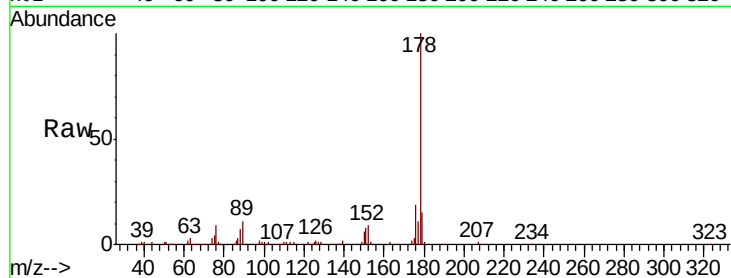
#72
 Anthracene
 Concen: 3.878 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		161115		
176	19.3		17.2	25.8	
179	15.2		14.0	21.0	

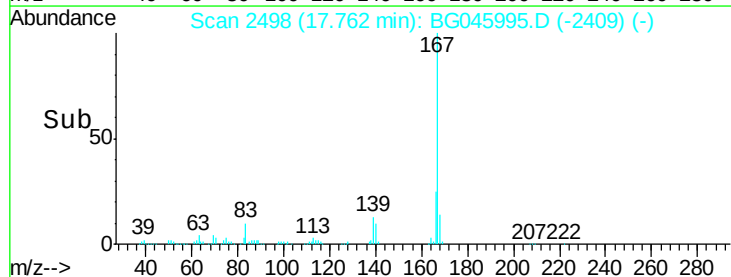
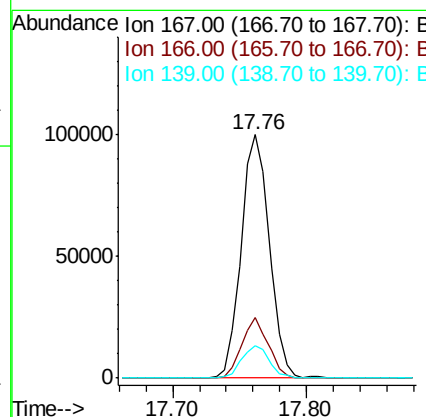
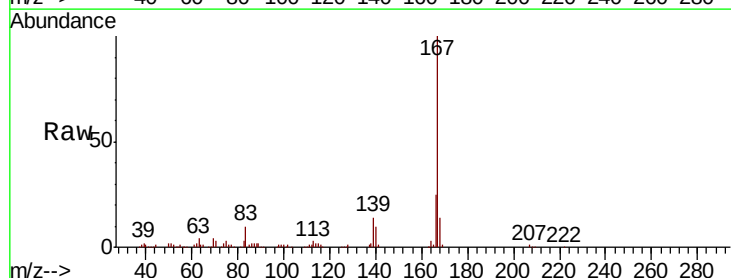
Manual Integrations
 APPROVED

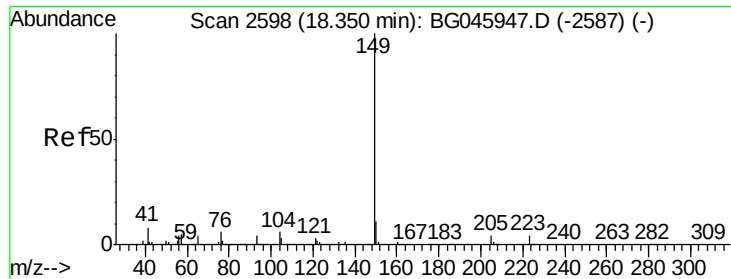
mohammad
 7/10/2020 11:47:10 AM



#73
 Carbazole
 Concen: 3.510 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		146166		
166	24.8		20.4	30.6	
139	13.6		11.8	17.8	





#74

Di-n-butylphthalate

Concen: 3.398 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

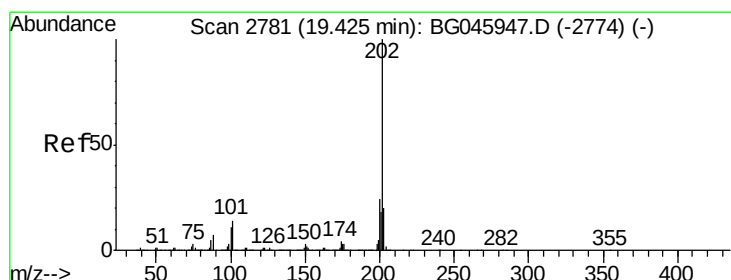
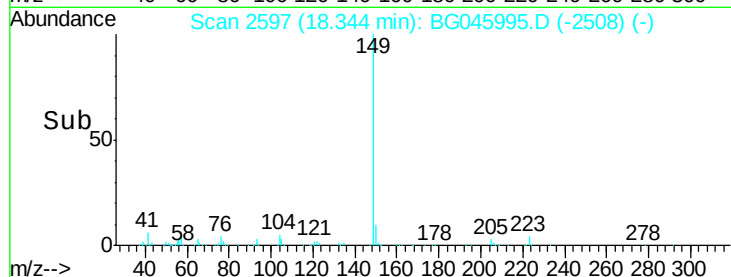
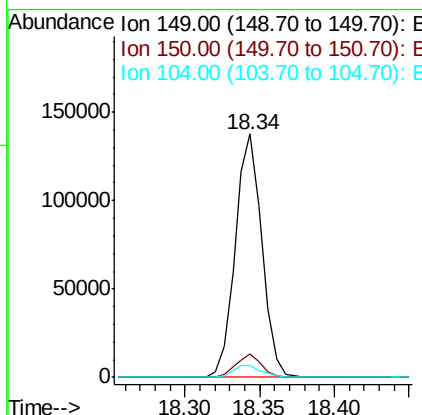
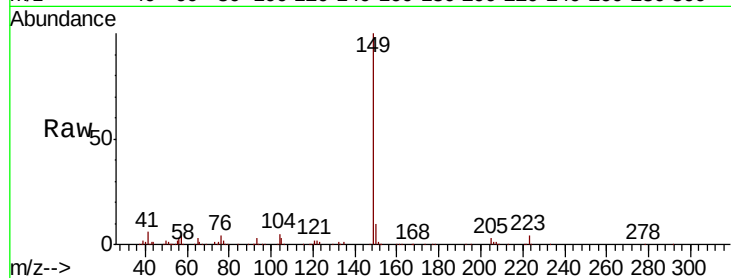
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.0	13.4
104	5.0	5.2	7.8#

Manual Integrations
APPROVED

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



#75

Fluoranthene

Concen: 3.782 ng

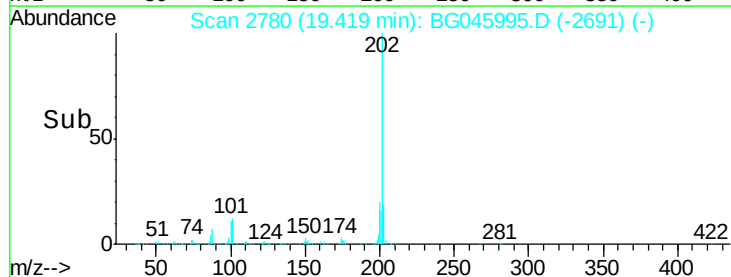
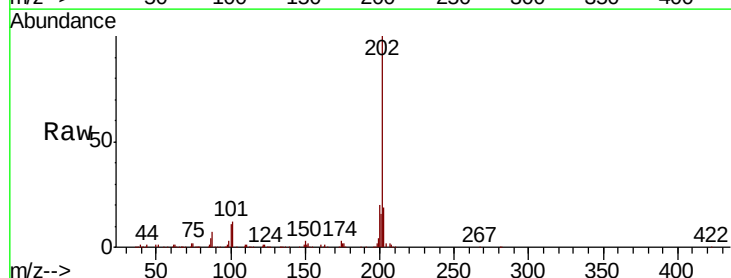
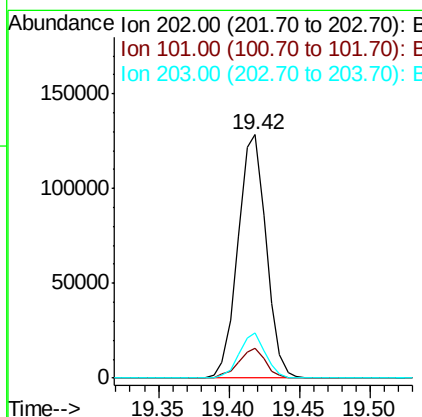
RT: 19.42 min Scan# 2780

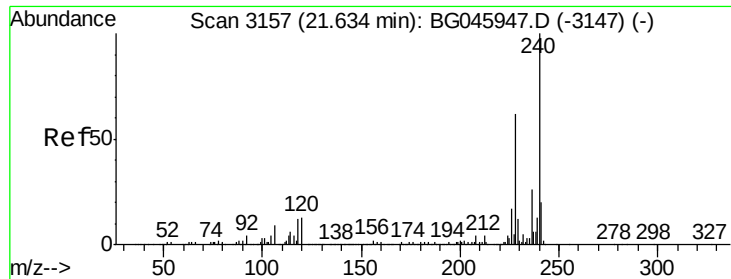
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	18.7	0.4	40.4





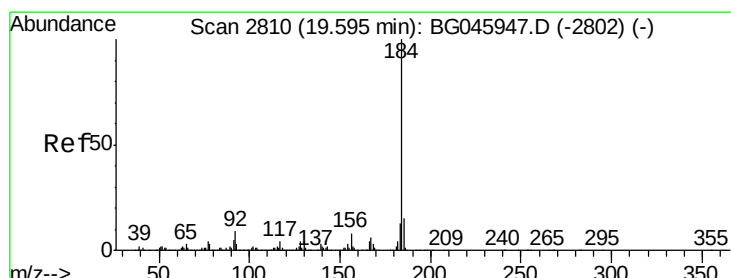
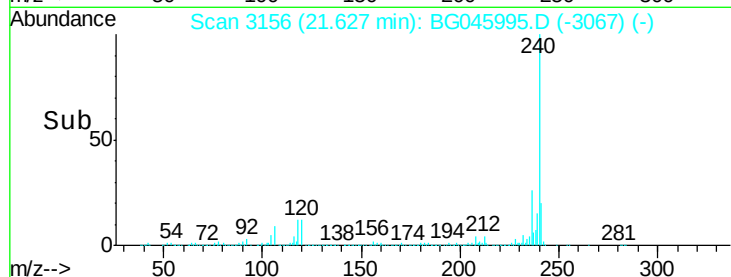
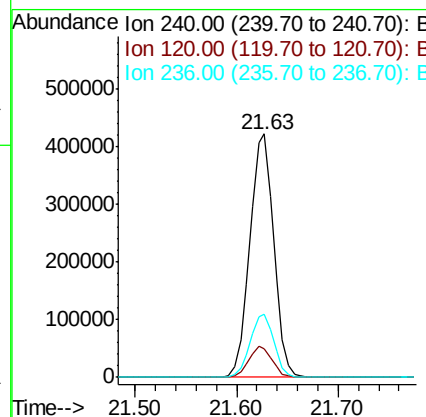
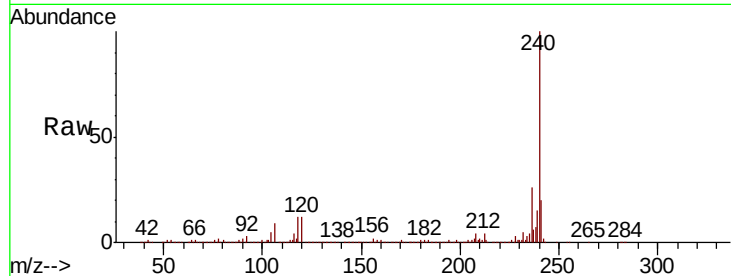
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.6	16.0
236	25.8	20.4	30.6

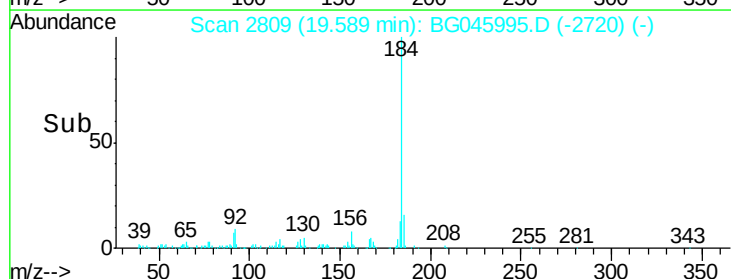
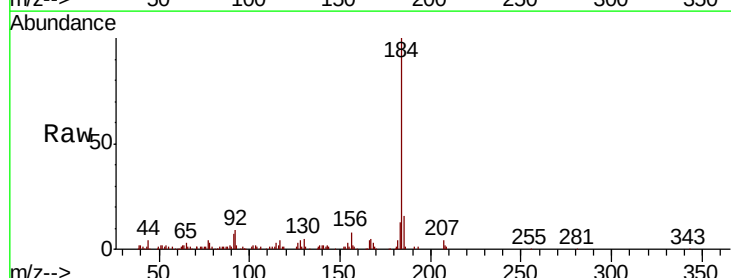
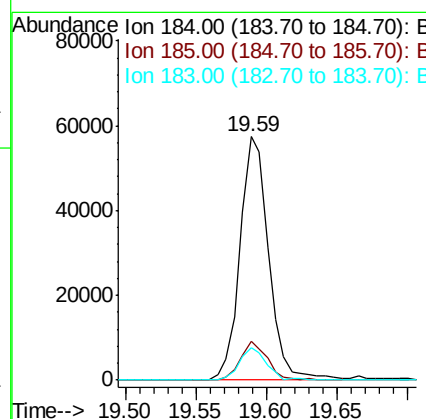
Manual Integrations
APPROVED

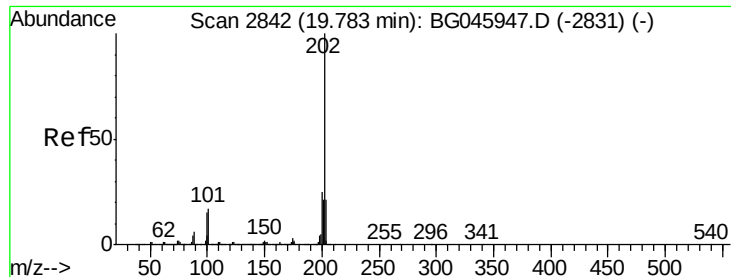
mohammad
7/10/2020 11:47:10 AM



#77
Benzidine
Concen: 4.132 ng
RT: 19.59 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.6	17.4
183	13.1	10.4	15.6





#78

Pvrene

Concen: 3.885 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Instrument :

BNA_G

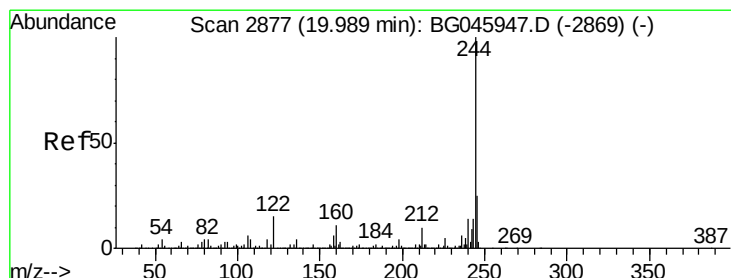
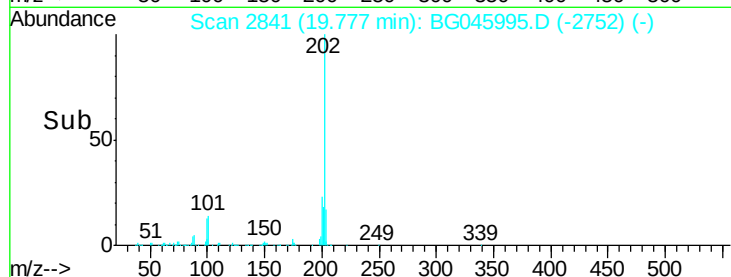
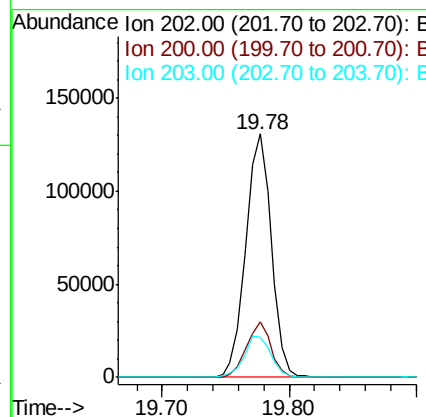
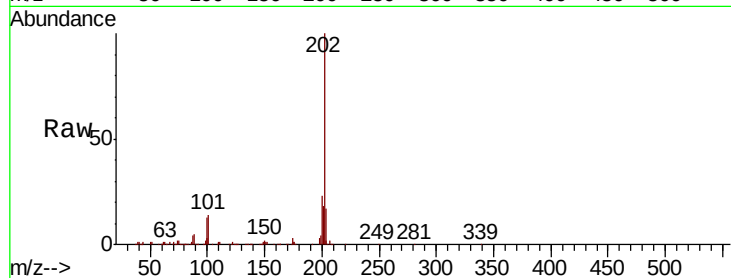
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.6	20.1	30.1
203	16.6	16.5	24.7

Manual Integrations
APPROVED

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



#79

Terphenyl-d14

Concen: 58.360 ng

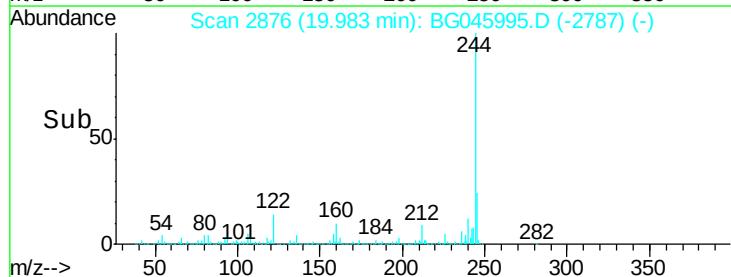
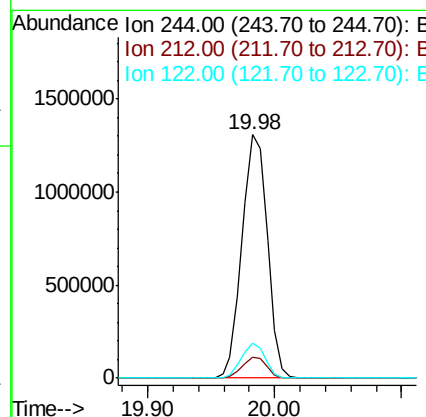
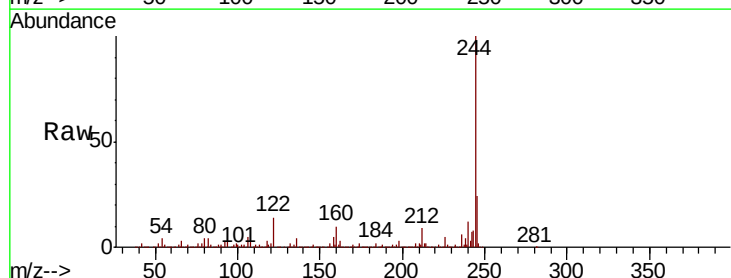
RT: 19.98 min Scan# 2876

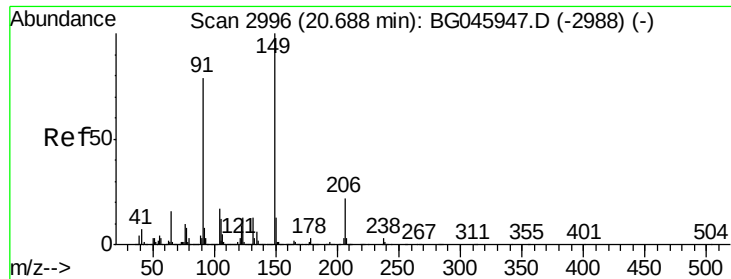
Delta R.T. -0.01 min

Lab File: BG045995.D

Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	8.3	12.5
122	14.2	12.1	18.1





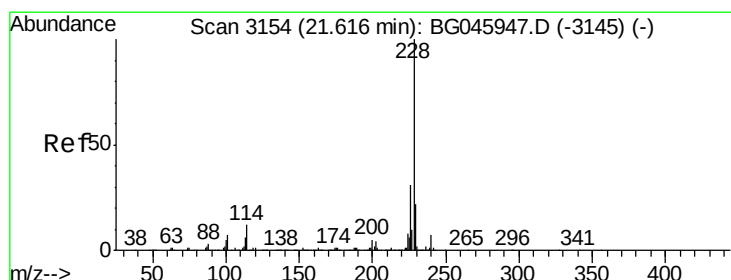
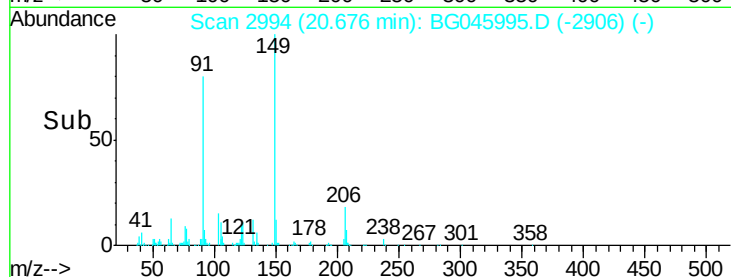
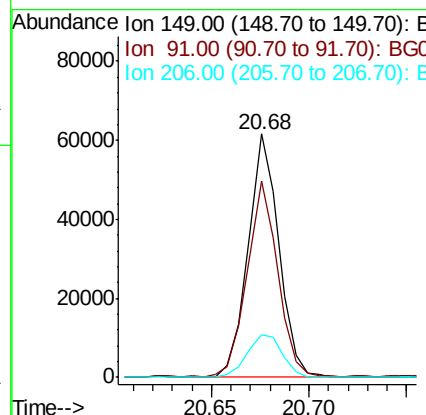
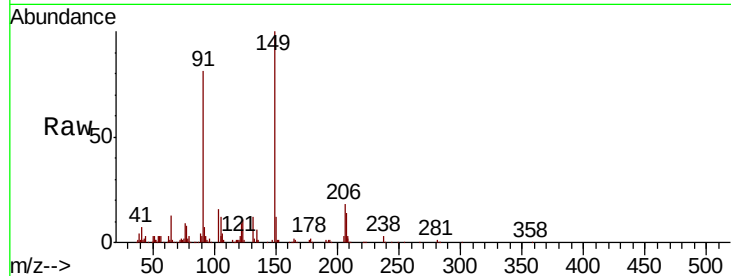
#80
Butylbenzylphthalate
Concen: 3.021 ng
RT: 20.68 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.7	63.1	94.7
206	17.7	17.4	26.0

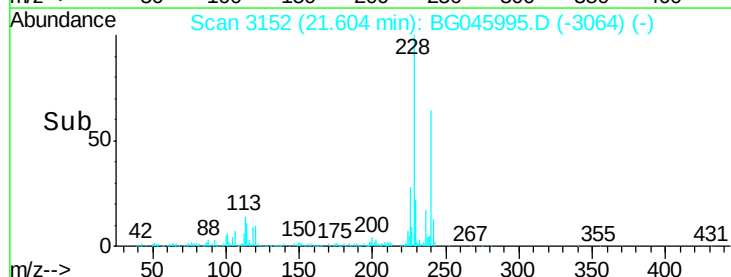
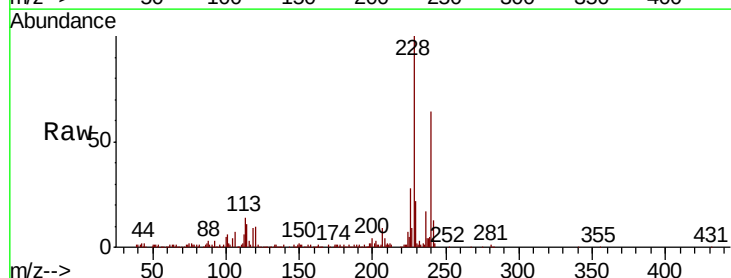
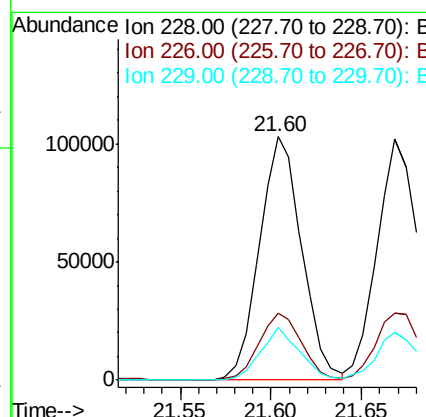
Manual Integrations
APPROVED

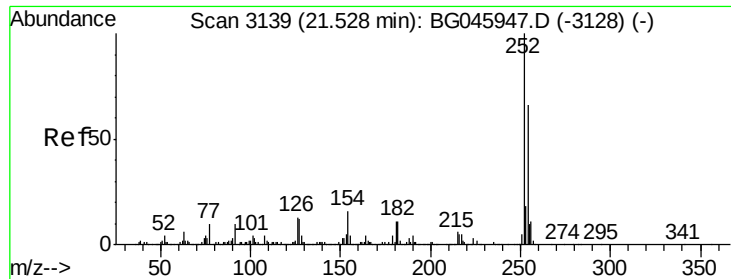
mohammad
7/10/2020 11:47:10 AM



#81
Benzo(a)anthracene
Concen: 3.696 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.8	37.2
229	22.0	17.8	26.8





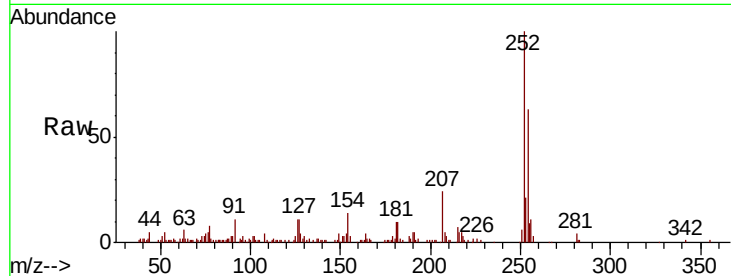
#82
 3,3'-Dichlorobenzidine
 Concen: 3.476 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.9	79.3
126	11.2	10.4	15.6

Manual Integrations
 APPROVED

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

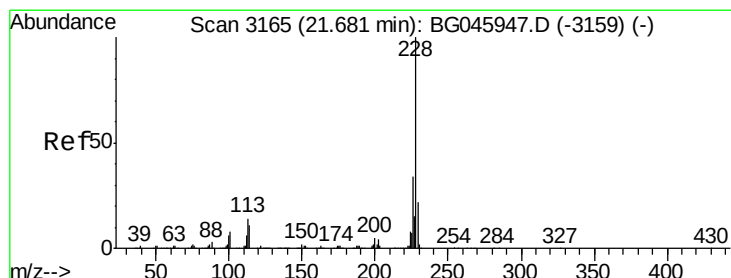
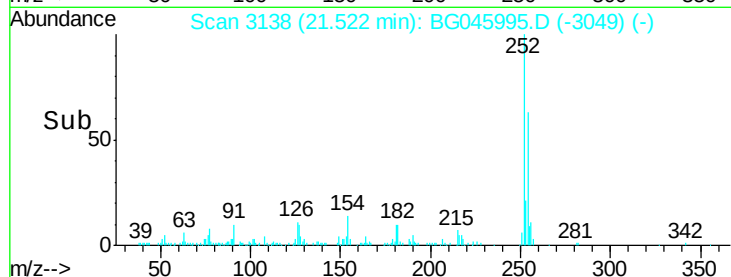
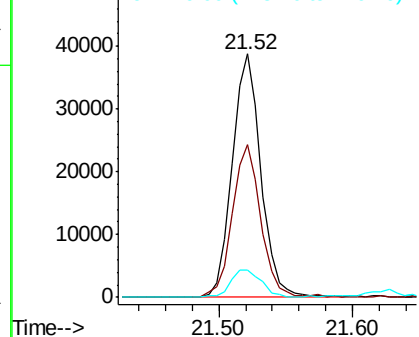


Abundance

Ion 252.00 (251.70 to 252.70): E

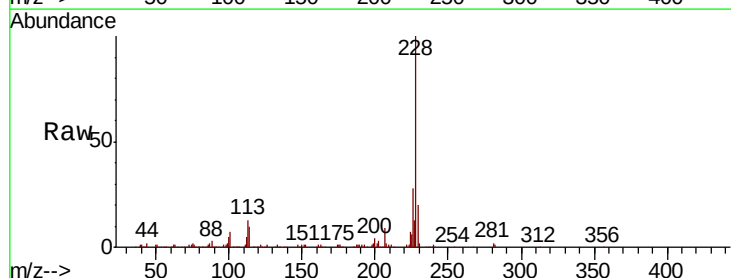
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 3.700 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	26.7	40.1
229	19.7	17.3	25.9

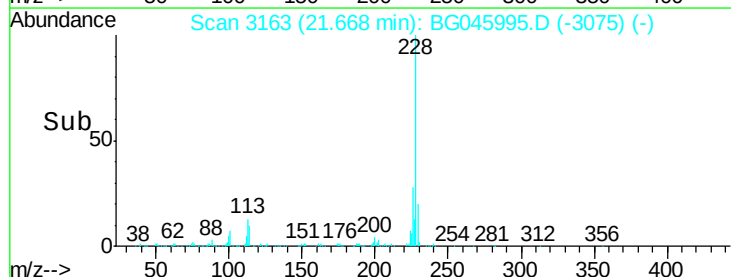
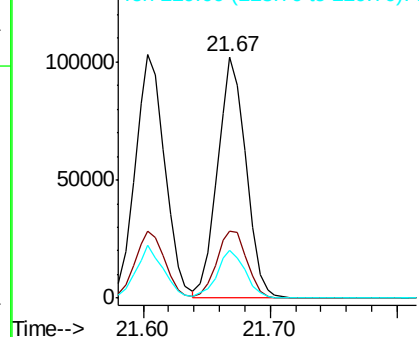


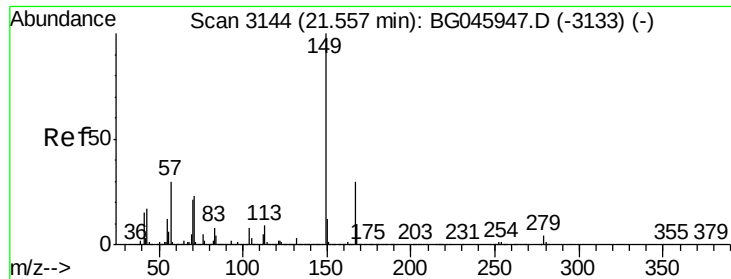
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





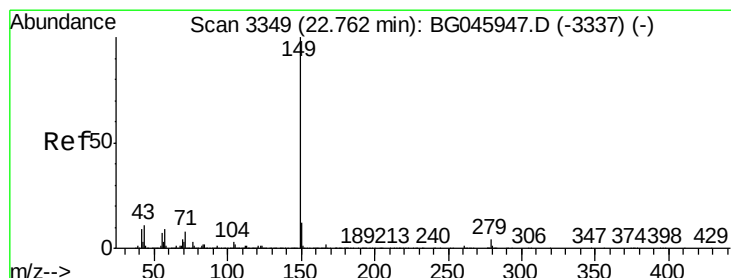
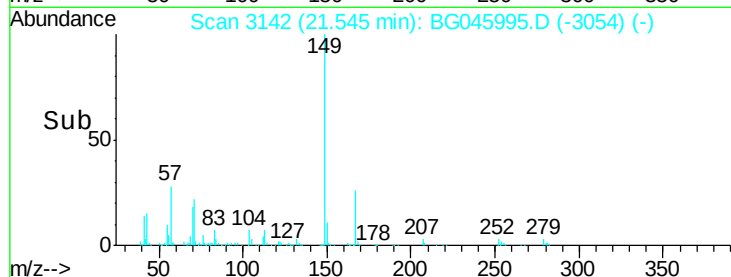
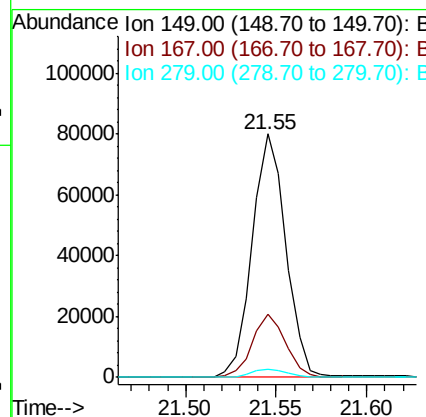
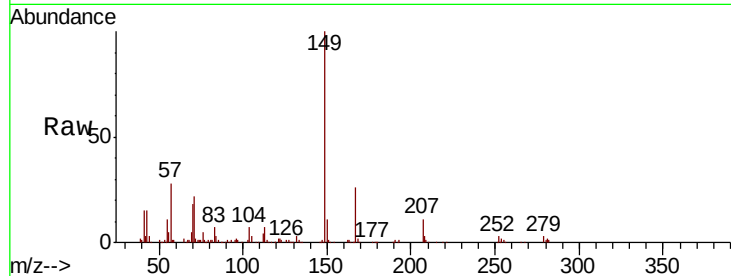
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.204 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	23.8	35.8
279	3.2	3.5	5.3

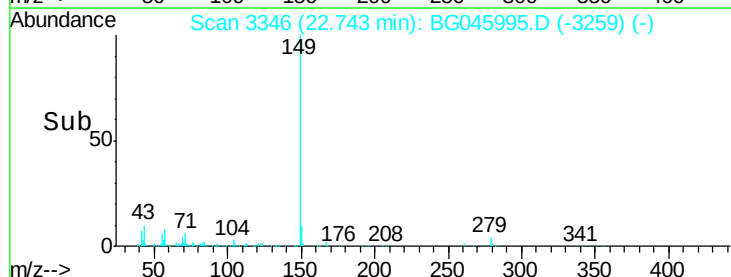
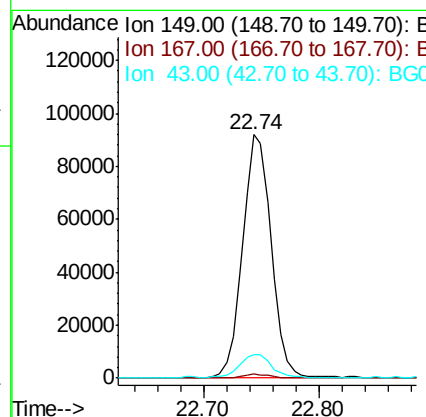
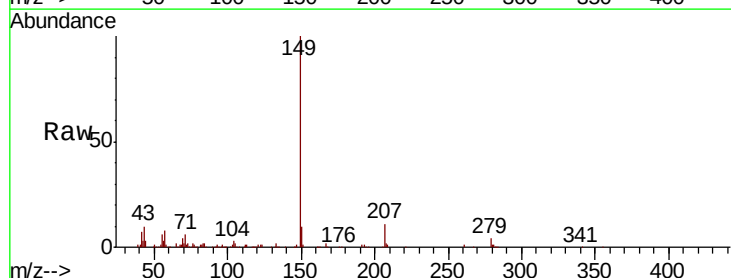
Manual Integrations
 APPROVED

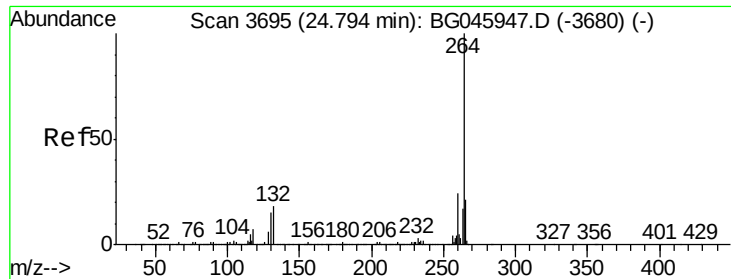
mohammad
 7/10/2020 11:47:10 AM



#85
 Di-n-octyl phthalate
 Concen: 2.814 ng
 RT: 22.74 min Scan# 3346
 Delta R.T. -0.02 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.6	8.6	12.8





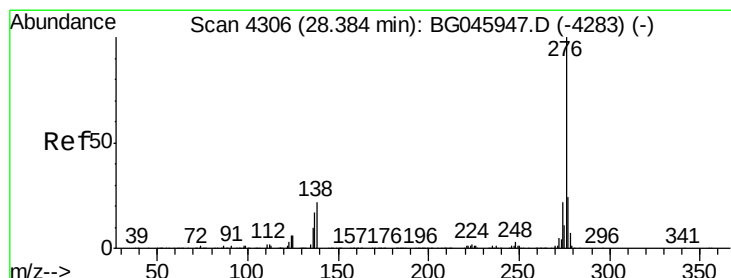
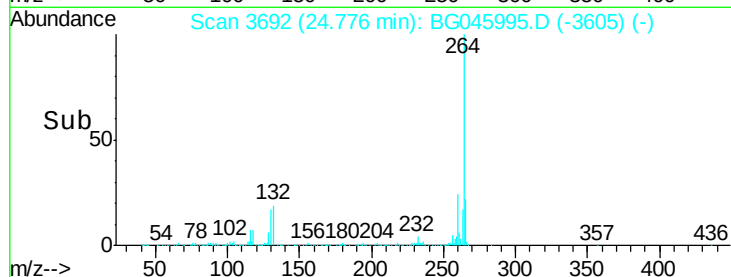
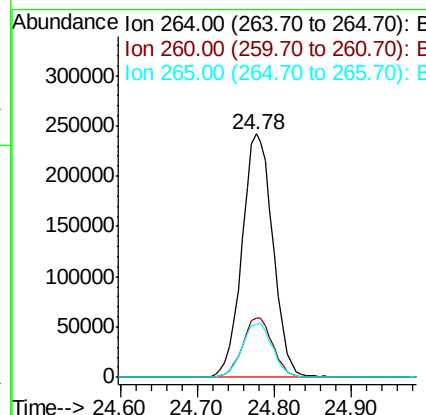
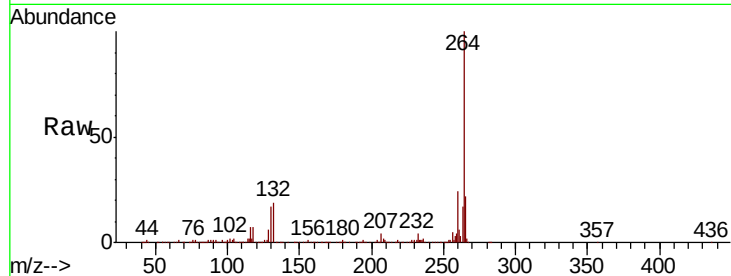
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.9	16.9	25.3

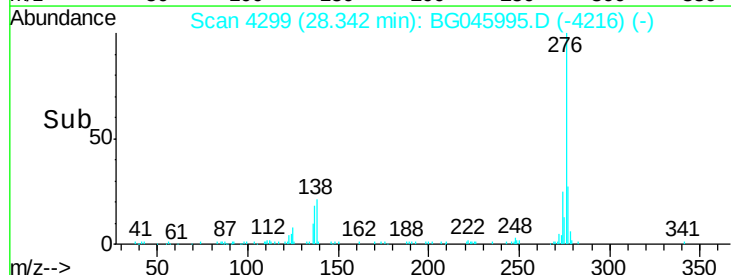
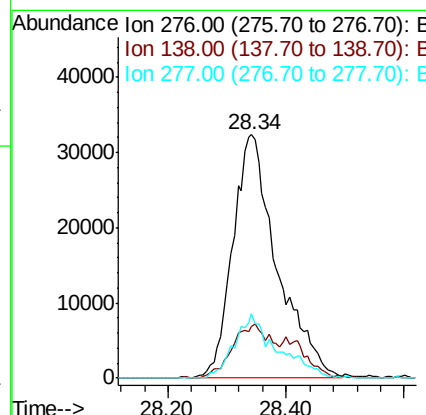
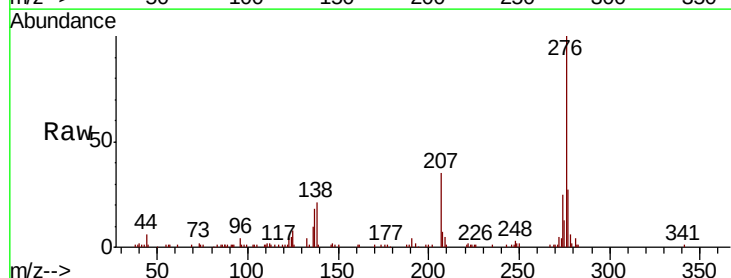
Manual Integrations
APPROVED

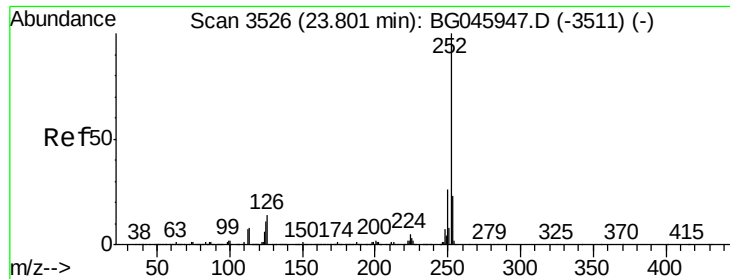
mohammad
7/10/2020 11:47:10 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.408 ng
RT: 28.34 min Scan# 4299
Delta R.T. -0.04 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.4	24.6
277	25.3	20.6	31.0





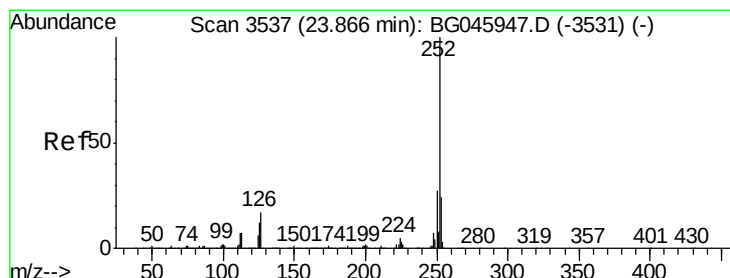
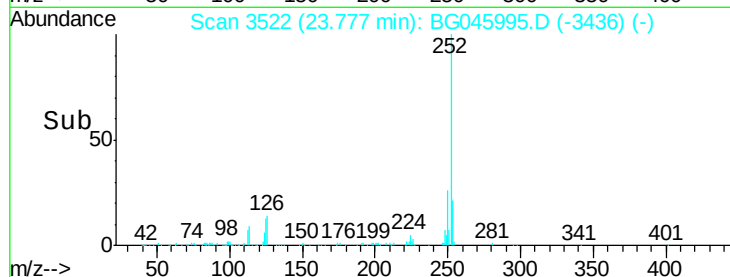
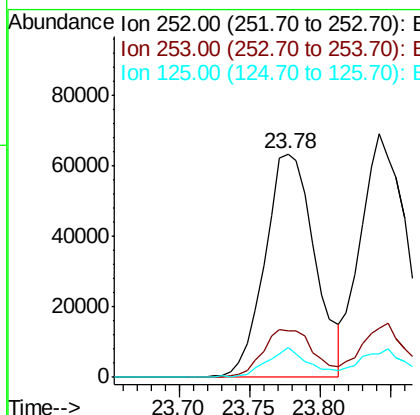
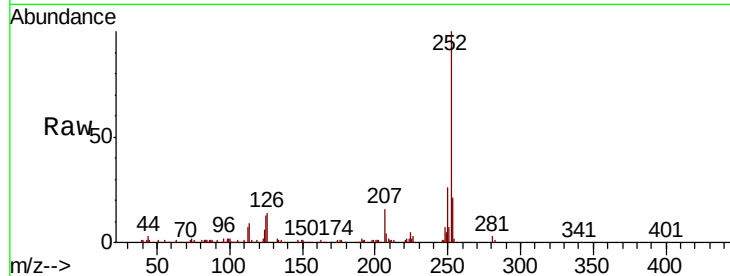
#88
Benzo(b)fluoranthene
Concen: 3.636 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.5	27.7
125	13.1	9.2	13.8

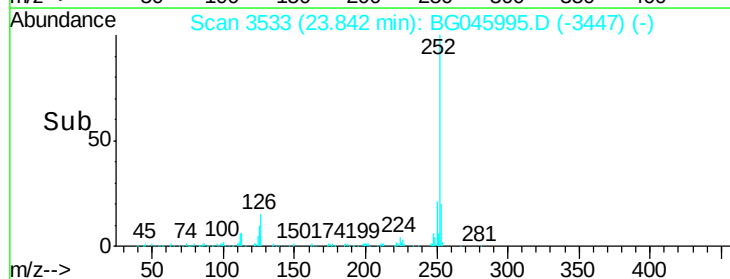
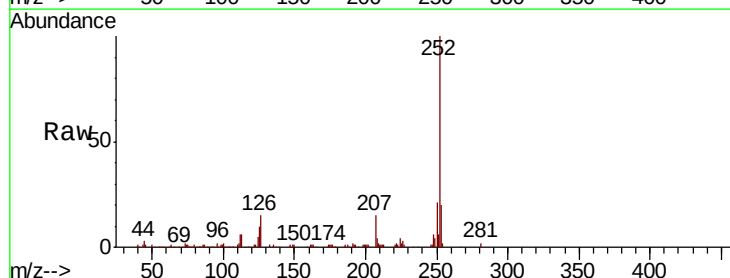
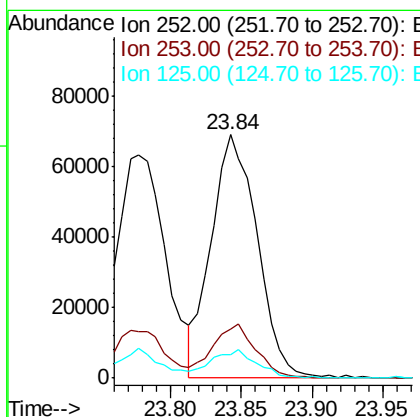
Manual Integrations
APPROVED

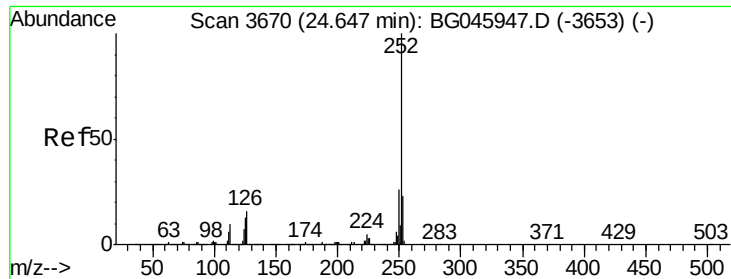
mohammad
7/10/2020 11:47:10 AM



#89
Benzo(k)fluoranthene
Concen: 3.821 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.9	28.3
125	9.7	9.6	14.4





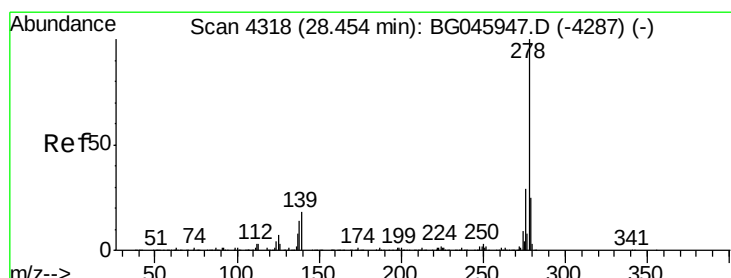
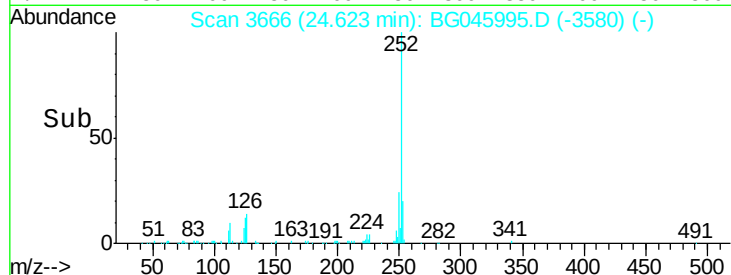
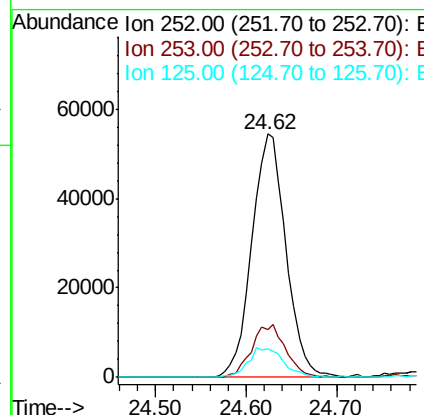
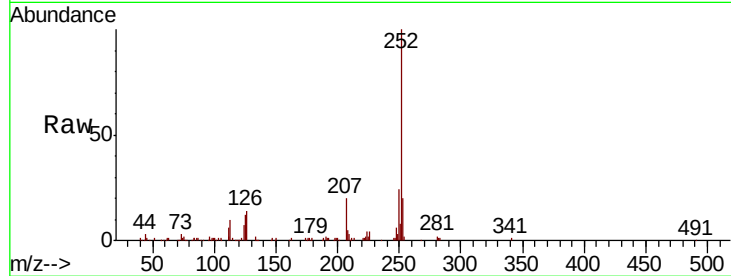
#90
Benzo(a)pyrene
Concen: 3.512 ng
RT: 24.62 min Scan# 3666
Delta R.T. -0.02 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.6	28.0
125	11.6	10.5	15.7

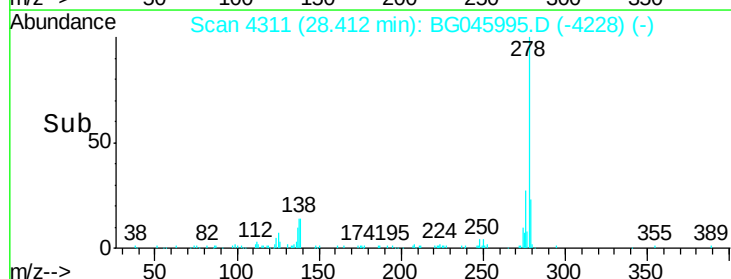
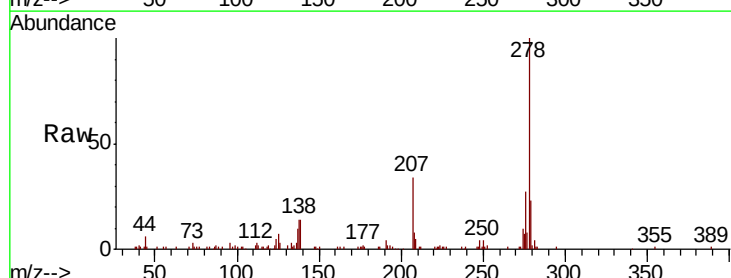
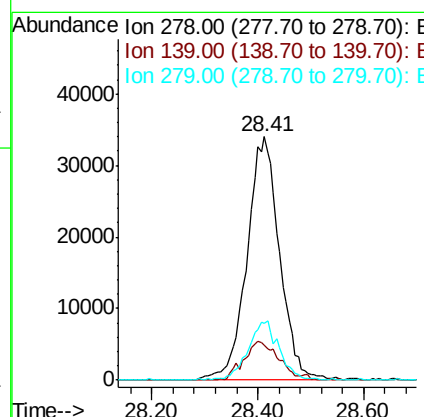
Manual Integrations
APPROVED

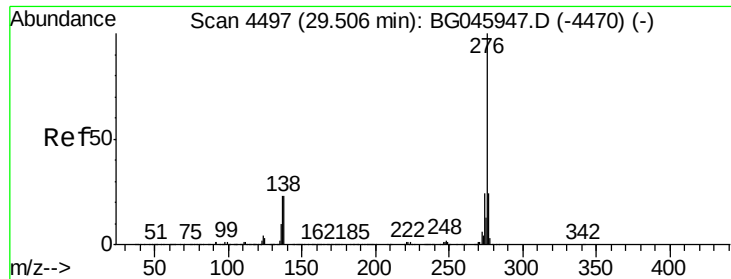
mohammad
7/10/2020 11:47:10 AM



#91
Dibenzo(a,h)anthracene
Concen: 3.629 ng
RT: 28.41 min Scan# 4311
Delta R.T. -0.04 min
Lab File: BG045995.D
Acq: 9 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	14.3	21.5
279	23.4	19.8	29.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.493 ng
 RT: 29.46 min Scan# 4489
 Delta R.T. -0.05 min
 Lab File: BG045995.D
 Acq: 9 Jul 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.0
138	20.7	18.6	28.0

Manual Integrations
 APPROVED

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

