

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
 Data File : BM019931.D
 Acq On : 16 Apr 2019 13:35
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Manual Integrations
 APPROVED

Sohil
 4/17/2019 4:05:17 PM

Quant Time: Apr 16 17:06:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	117399	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	533741	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	314088	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	669019	20.00	ng	0.00
76) Chrysene-d12	21.17	240	605754	20.00	ng	0.00
87) Perylene-d12	23.37	264	593224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	806705	111.36	ng	0.00
7) Phenol-d6	6.72	99	1174053	107.69	ng	0.00
23) Nitrobenzene-d5	8.70	82	804003	67.37	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	563586	111.47	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1740623	69.06	ng	0.00
79) Terphenyl-d14	19.60	244	2493657	72.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	54458	17.421	ng	98
3) Pyridine	3.53	79	145320	16.599	ng	97
4) n-Nitrosodimethylamine	3.46	42	44921	15.929	ng	# 87
6) Aniline	6.88	93	224442	15.939	ng	99
8) 2-Chlorophenol	7.10	128	148274	16.457	ng	97
9) Benzaldehyde	6.70	77	128763	17.317	ng	100
10) Phenol	6.75	94	191578	16.084	ng	93
11) bis(2-Chloroethyl)ether	6.98	93	139280	15.982	ng	100
12) 1,3-Dichlorobenzene	7.42	146	156057	16.499	ng	100
13) 1,4-Dichlorobenzene	7.56	146	158812	16.549	ng	99
14) 1,2-Dichlorobenzene	7.87	146	155167	16.307	ng	98
15) Benzyl Alcohol	7.80	79	155755	15.715	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.05	45	137735	16.579	ng	98
17) 2-Methylphenol	7.99	107	121073	15.358	ng	98
18) Hexachloroethane	8.57	117	60909	16.328	ng	95
19) n-Nitroso-di-n-propylamine	8.34	70	148828	15.530	ng	98
20) 3+4-Methylphenols	8.32	107	162362	14.993	ng	97
22) Acetophenone	8.37	105	237999	16.371	ng	99
24) Nitrobenzene	8.75	77	212821	17.214	ng	98
25) Isophorone	9.26	82	374440	16.117	ng	99
26) 2-Nitrophenol	9.45	139	80770	15.330	ng	99
27) 2,4-Dimethylphenol	9.51	122	111518	14.970	ng	95
28) bis(2-Chloroethoxy)methane	9.75	93	207879	15.979	ng	99
29) 2,4-Dichlorophenol	9.99	162	131667	15.562	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	149499	16.417	ng	99
31) Naphthalene	10.36	128	479385	16.745	ng	99
32) Benzoic acid	9.67	122	73120	14.392	ng	98
33) 4-Chloroaniline	10.51	127	183618	15.569	ng	99
34) Hexachlorobutadiene	10.61	225	89959	16.750	ng	96
35) Caprolactam	11.33	113	47805m	14.927	ng	
36) 4-Chloro-3-methylphenol	11.63	107	166010	15.791	ng	98
37) 2-Methylnaphthalene	11.98	142	340780	16.350	ng	99
38) 1-Methylnaphthalene	12.20	142	339449	16.495	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	162932	16.815	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
 Data File : BM019931.D
 Acq On : 16 Apr 2019 13:35
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

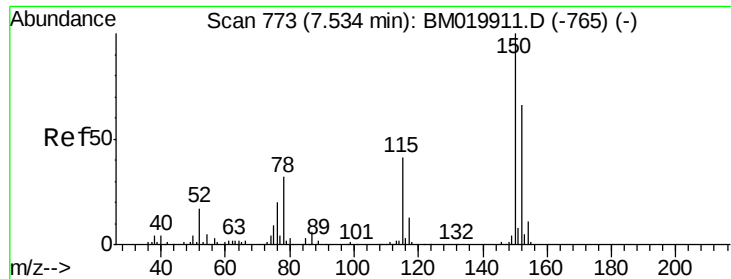
Manual Integrations
 APPROVED

Sohil
 4/17/2019 4:05:17 PM

Quant Time: Apr 16 17:06:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	21437	17.002	ng	90
43) 2,4,6-Trichlorophenol	12.62	196	105297	16.029	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	108950	15.935	ng	98
46) 1,1'-Biphenyl	13.02	154	462733	17.010	ng	100
47) 2-Chloronaphthalene	13.06	162	347769	16.759	ng	99
48) 2-Nitroaniline	13.31	65	117835	15.754	ng	97
49) Acenaphthylene	13.92	152	593255	16.432	ng	99
50) Dimethylphthalate	13.67	163	461039	16.641	ng	100
51) 2,6-Dinitrotoluene	13.80	165	100963	16.480	ng	89
52) Acenaphthene	14.26	154	336626	16.816	ng	99
53) 3-Nitroaniline	14.15	138	94175	15.395	ng	91
54) 2,4-Dinitrophenol	14.39	184	34698	16.076	ng	96
55) Dibenzofuran	14.60	168	542348	16.568	ng	99
56) 4-Nitrophenol	14.49	139	53482m	16.128	ng	
57) 2,4-Dinitrotoluene	14.62	165	135445	15.381	ng	99
58) Fluorene	15.25	166	443238	15.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	101033	16.195	ng	97
60) Diethylphthalate	15.03	149	471912	16.378	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	211453	15.833	ng	96
62) 4-Nitroaniline	15.33	138	82625	13.709	ng	99
63) Azobenzene	15.54	77	513925	16.688	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	58843	13.785	ng	91
66) n-Nitrosodiphenylamine	15.47	169	369730	16.904	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	127463	16.571	ng	98
68) Hexachlorobenzene	16.25	284	153189	16.598	ng	98
69) Atrazine	16.44	200	122323	16.475	ng	98
70) Pentachlorophenol	16.62	266	68970	14.626	ng	99
71) Phenanthrene	17.00	178	660643	16.640	ng	99
72) Anthracene	17.10	178	641728	16.238	ng	100
73) Carbazole	17.39	167	584191	15.833	ng	99
74) Di-n-butylphthalate	17.93	149	732702	15.121	ng	99
75) Fluoranthene	19.03	202	704658	15.423	ng	99
77) Benzidine	19.25	184	209654	12.544	ng	99
78) Pyrene	19.40	202	722398	18.008	ng	99
80) Butylbenzylphthalate	20.30	149	304859	15.675	ng	99
81) Benzo(a)anthracene	21.16	228	637737	16.619	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	234899	16.453	ng	99
83) Chrysene	21.22	228	617349	16.776	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	428520	14.800	ng	100
85) Di-n-octyl phthalate	21.94	149	713601	15.189	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	723860	19.996	ng	100
88) Benzo(b)fluoranthene	22.71	252	620986	15.765	ng	99
89) Benzo(k)fluoranthene	22.76	252	600035	16.180	ng	98
90) Benzo(a)pyrene	23.28	252	576841	16.527	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	597236	17.748	ng	99
92) Benzo(g,h,i)perylene	26.26	276	574018	18.833	ng	99

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



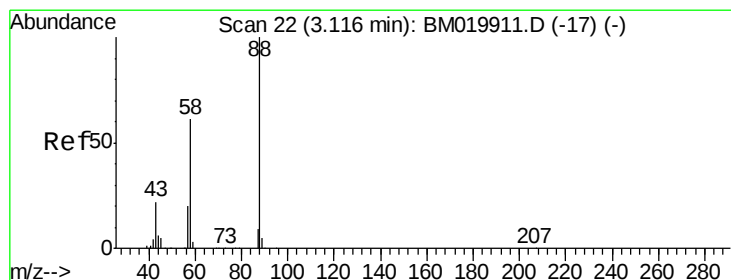
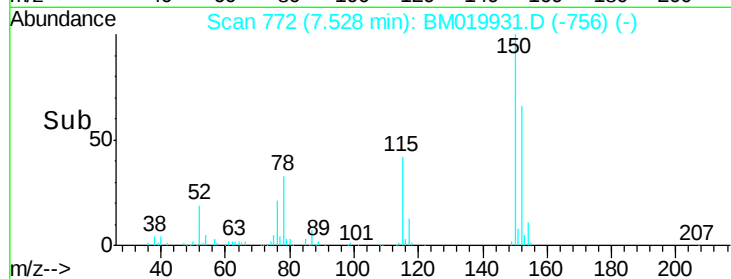
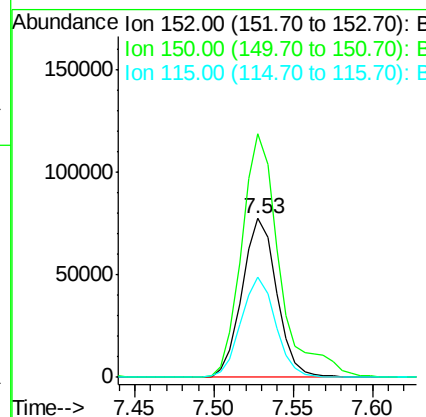
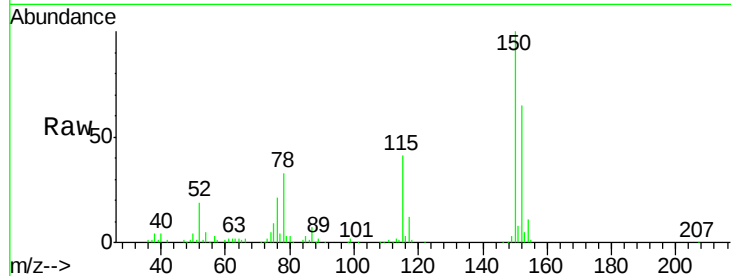
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.1	183.1
115	63.2	50.0	75.0

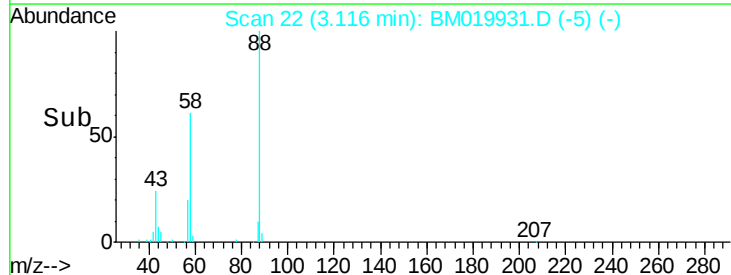
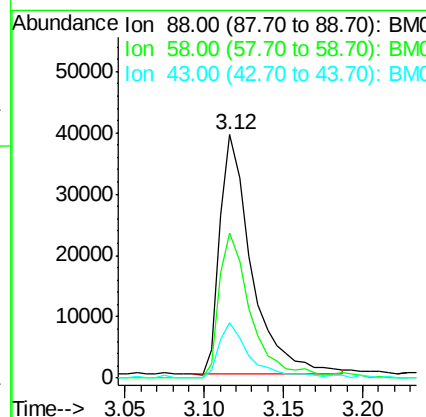
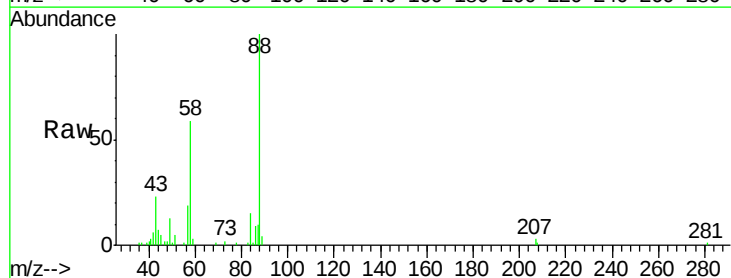
Manual Integrations
 APPROVED

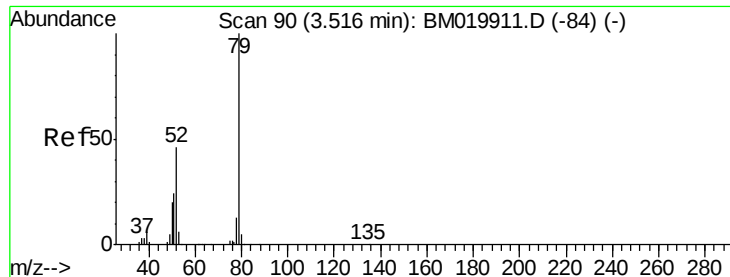
Sohil
 4/17/2019 4:05:17 PM



#2
 1,4-Dioxane
 Concen: 17.421 ng
 RT: 3.12 min Scan# 22
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.6	74.4
43	23.4	18.6	27.8





#3

Pyridine

Concen: 16.599 ng

RT: 3.53 min Scan# 93

Delta R.T. 0.02 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

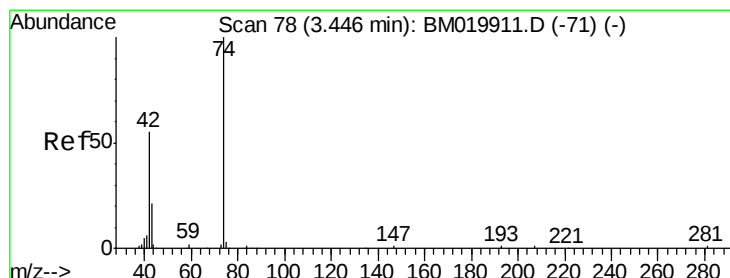
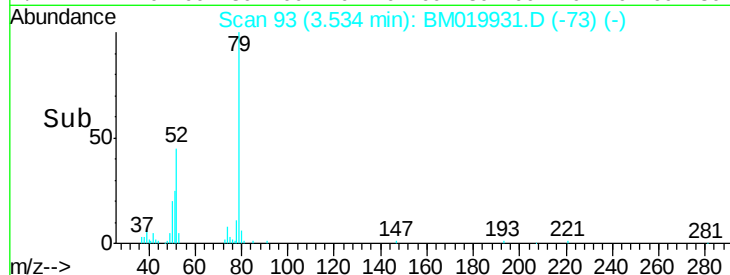
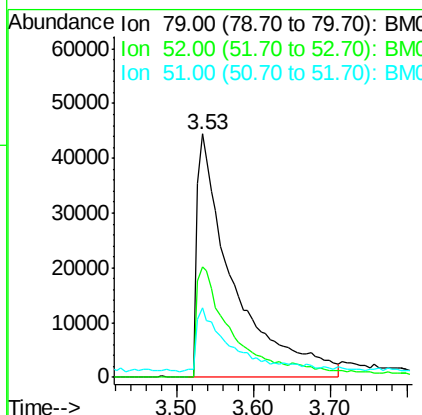
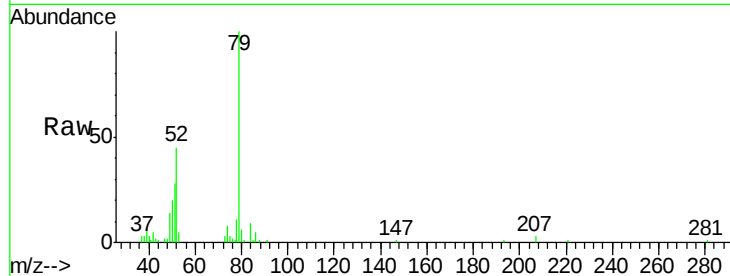
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	79	Resp:	145320
Ion Ratio		Lower	Upper
79	100		
52	45.5	36.9	55.3
51	28.3	20.0	30.0

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#4

n-Nitrosodimethylamine

Concen: 15.929 ng

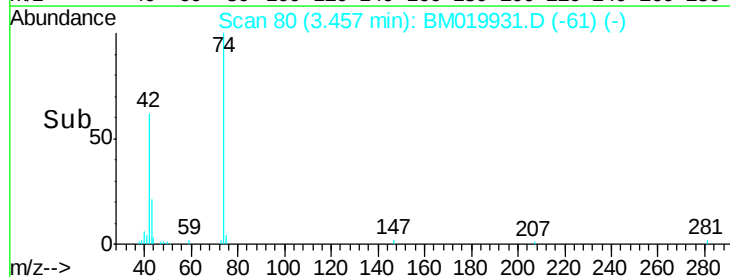
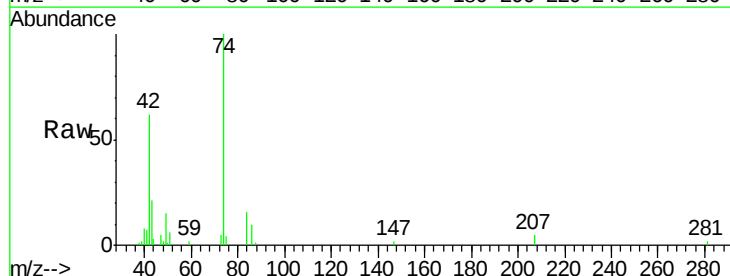
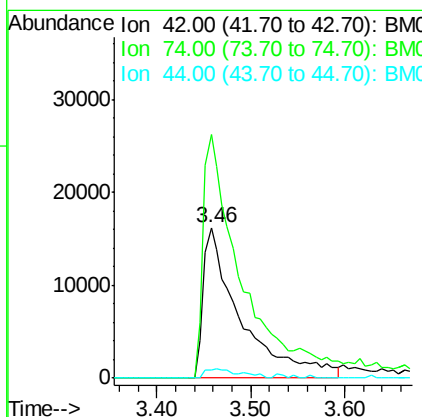
RT: 3.46 min Scan# 80

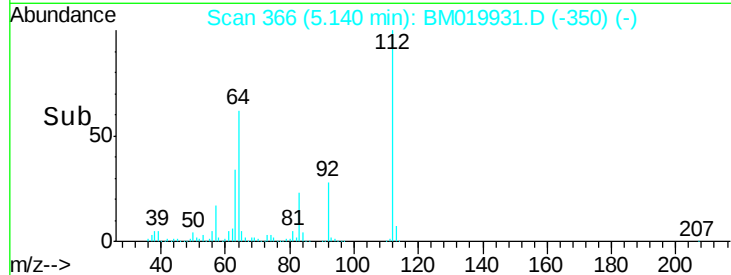
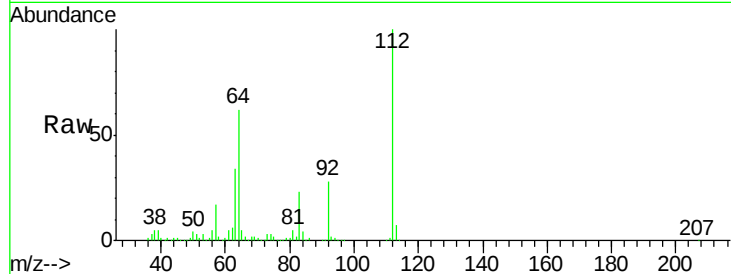
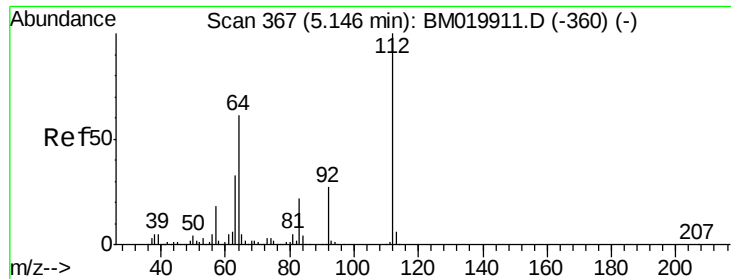
Delta R.T. 0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	42	Resp:	44921
Ion Ratio		Lower	Upper
42	100		
74	161.5	144.6	217.0
44	5.4	5.4	8.2#





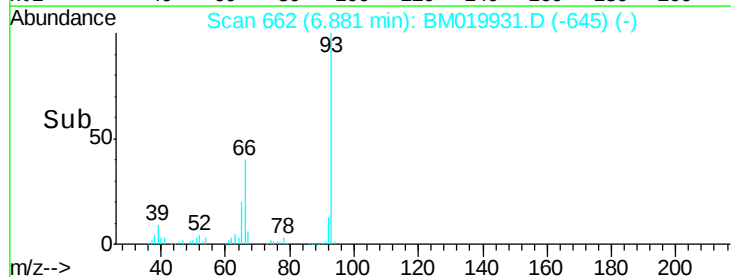
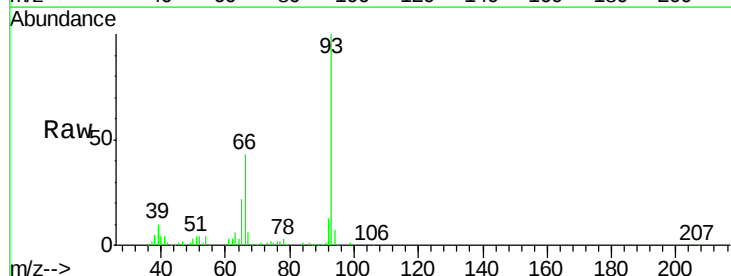
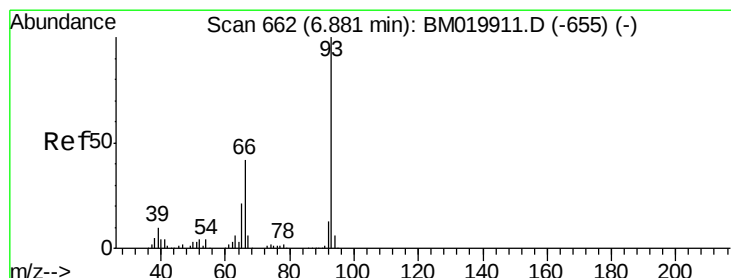
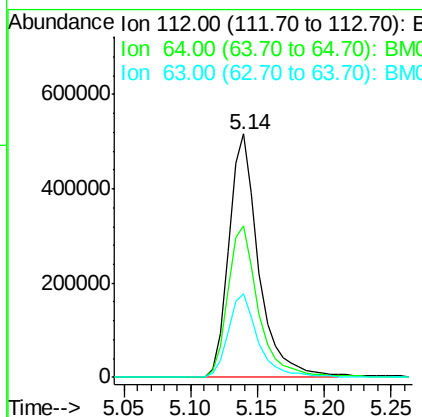
#5
2-Fluorophenol
Concen: 111.363 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	806705		
64	62.4	49.1	73.7	
63	34.4	26.5	39.7	

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

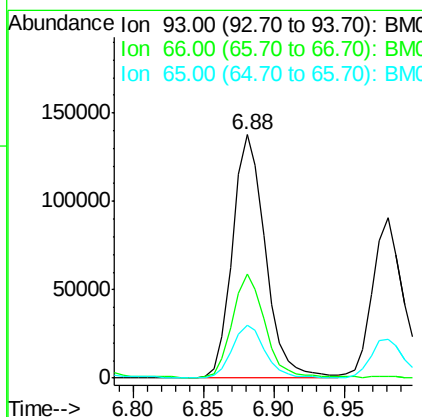
Manual Integrations
APPROVED

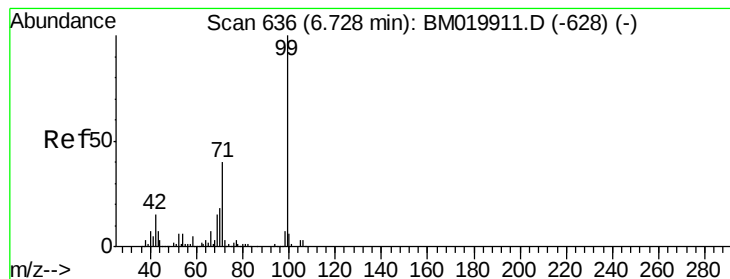
Sohil
4/17/2019 4:05:17 PM



#6
Aniline
Concen: 15.939 ng
RT: 6.88 min Scan# 662
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	224442		
66	42.8	33.9	50.9	
65	21.7	17.0	25.6	





#7

Phenol-d6

Concen: 107.691 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion: 99 Resp: 1174053

Ion Ratio Lower Upper

99 100

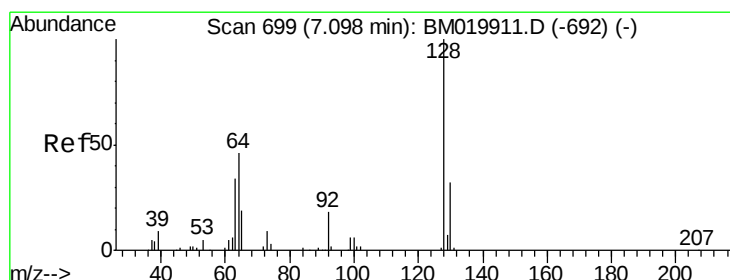
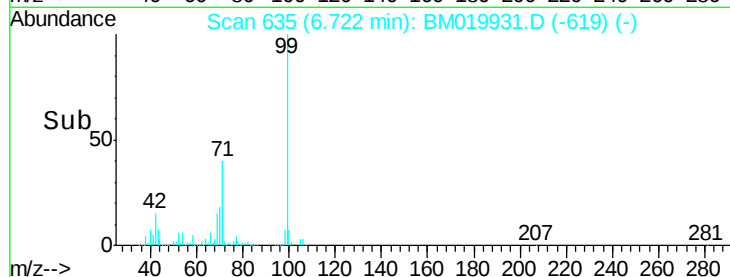
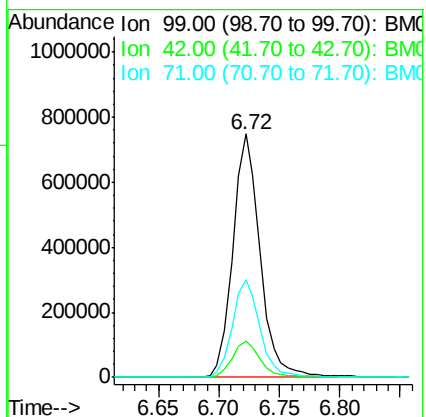
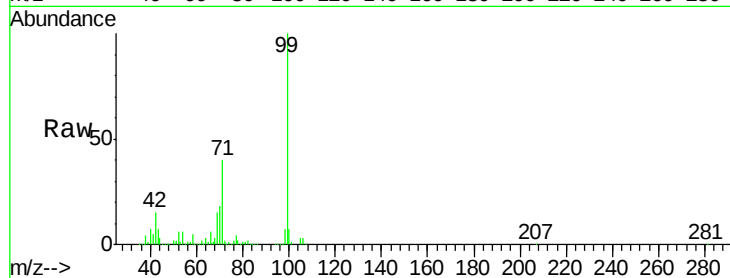
42 14.7 11.8 17.8

71 40.1 32.0 48.0

Manual Integrations
APPROVED

Sohil

4/17/2019 4:05:17 PM



#8

2-Chlorophenol

Concen: 16.457 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

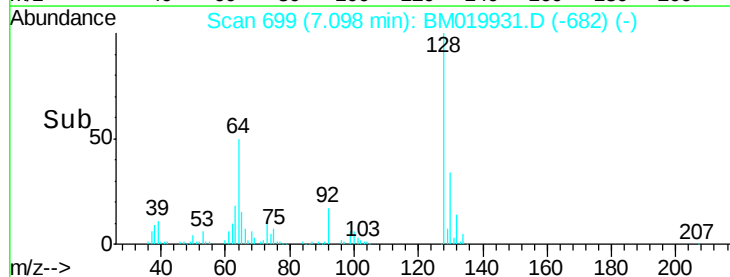
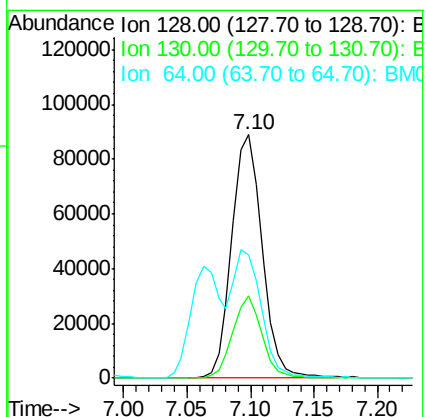
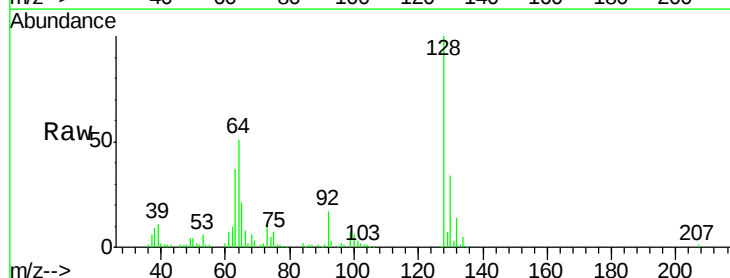
Tgt Ion: 128 Resp: 148274

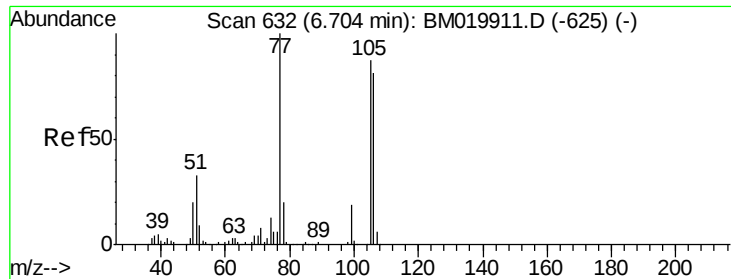
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 50.9 33.0 73.0





#9

Benzaldehyde

Concen: 17.317 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019931.D

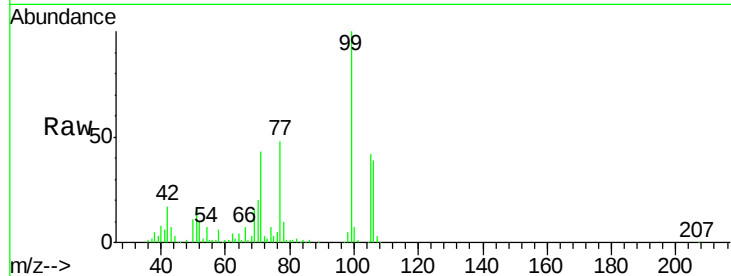
Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

ClientSampleId :

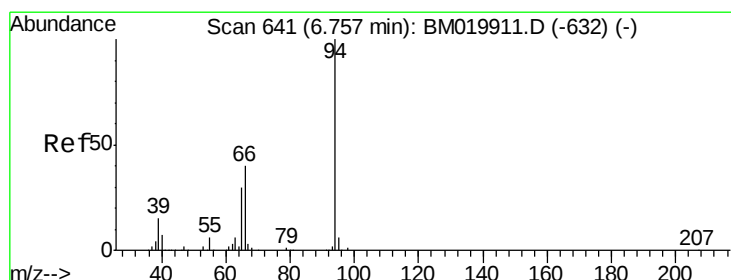
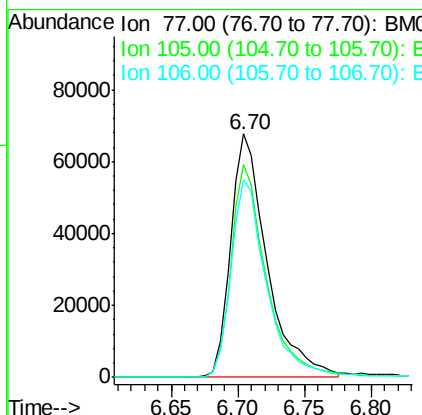
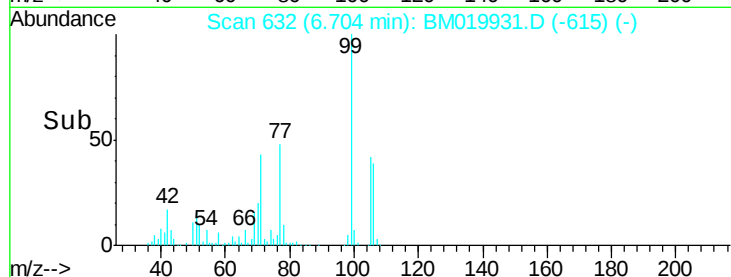
LOQ-WATER-02-QT1-2019



Tgt Ion:	77	Resp:	128763
Ion	Ratio	Lower	Upper
77	100		
105	87.4	67.3	107.3
106	81.1	60.6	100.6

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#10

Phenol

Concen: 16.084 ng

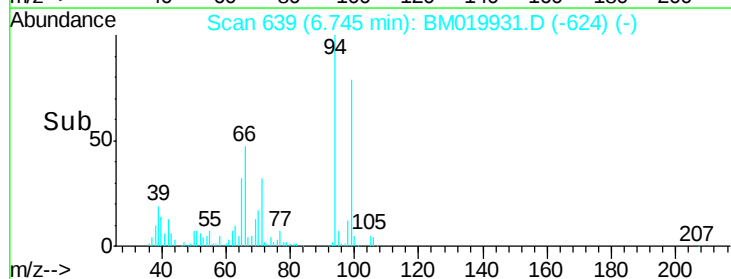
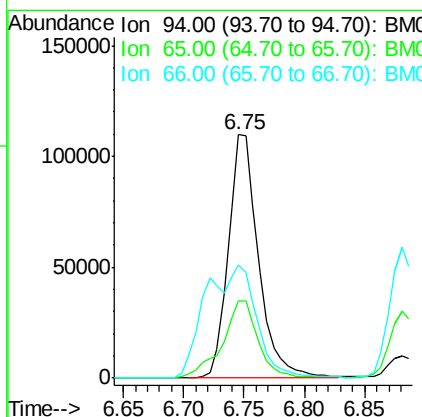
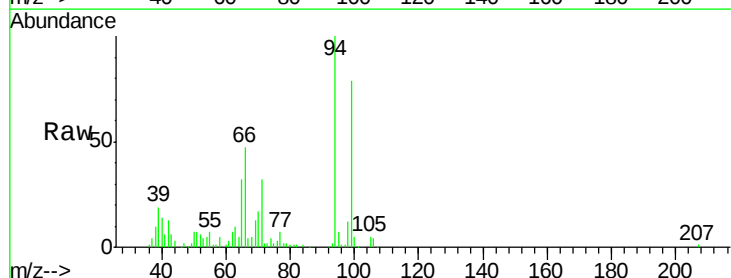
RT: 6.75 min Scan# 639

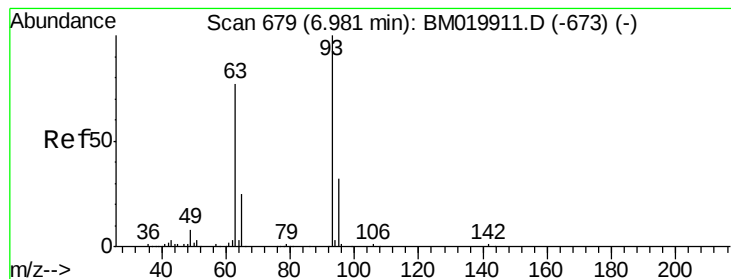
Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	94	Resp:	191578
Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.0	50.0
66	46.7	20.2	60.2





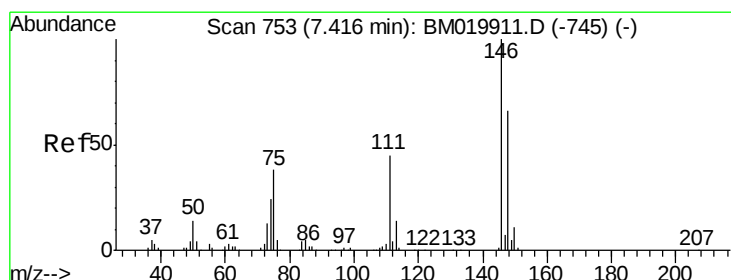
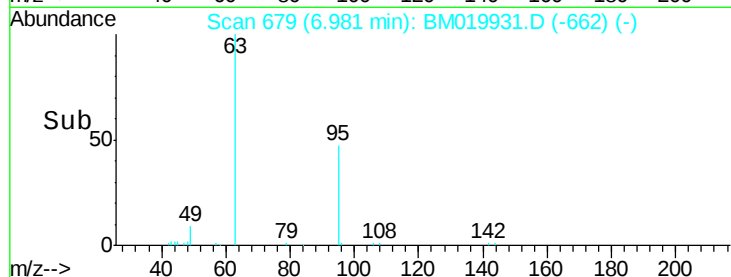
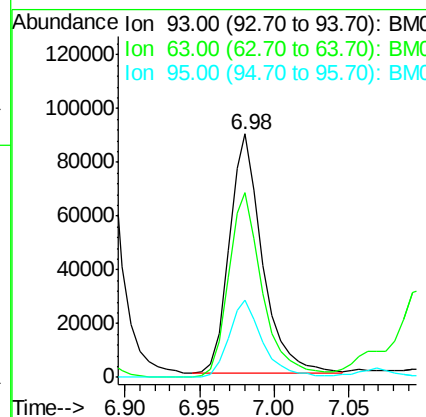
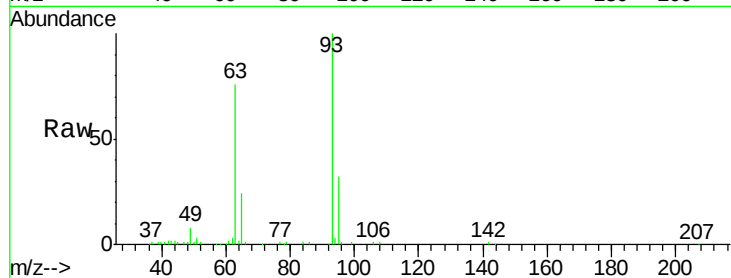
#11
bis(2-Chloroethyl)ether
Concen: 15.982 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.8	95.8
95	31.7	11.6	51.6

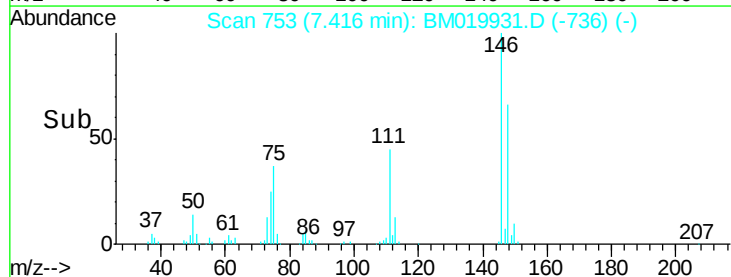
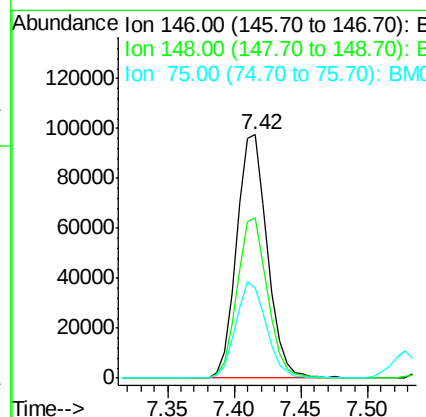
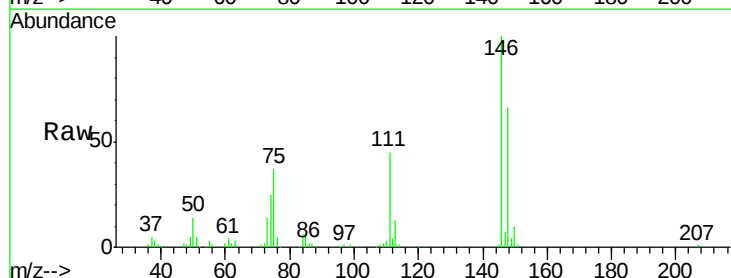
Manual Integrations
APPROVED

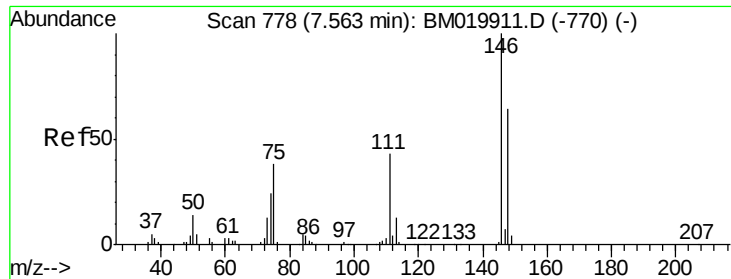
Sohil
4/17/2019 4:05:17 PM



#12
1,3-Dichlorobenzene
Concen: 16.499 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	78.8
75	37.0	30.0	45.0





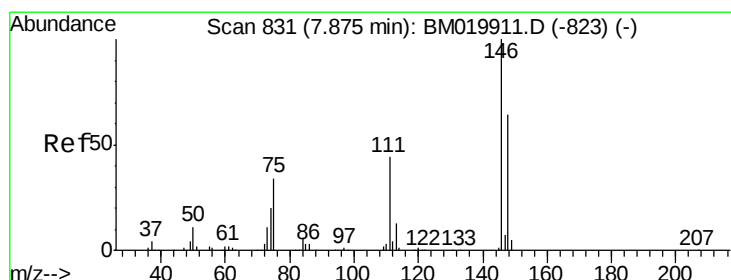
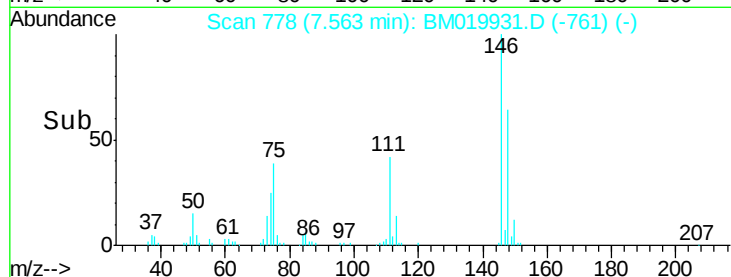
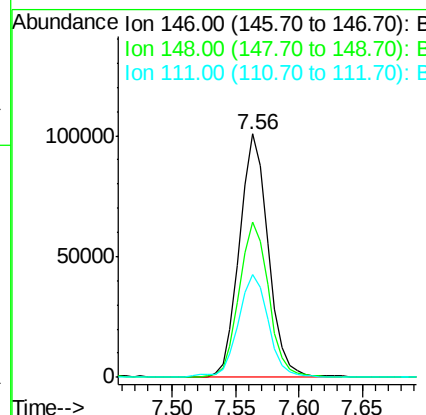
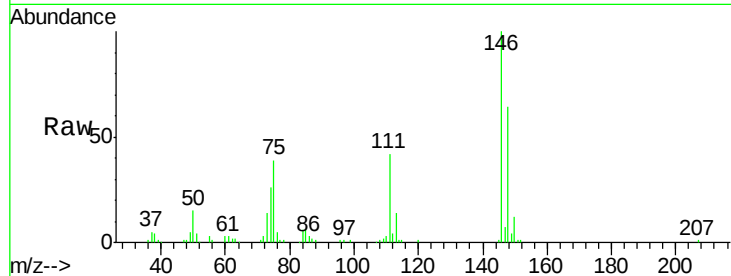
#13
 1,4-Dichlorobenzene
 Concen: 16.549 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158812		
148	63.5	51.1	76.7	
111	42.5	34.6	51.8	

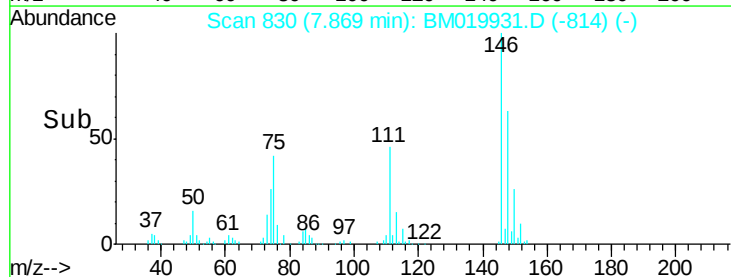
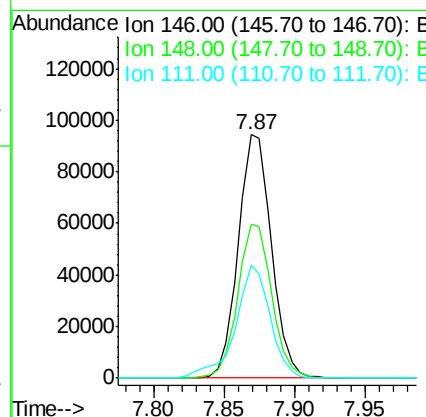
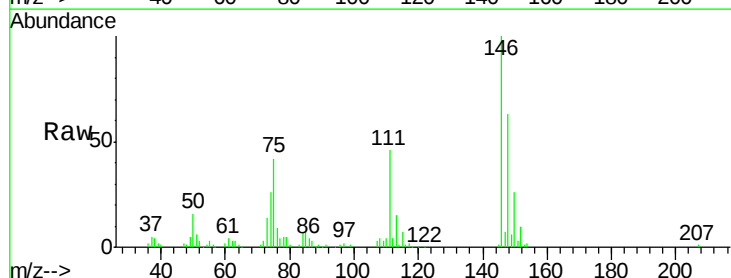
Manual Integrations
 APPROVED

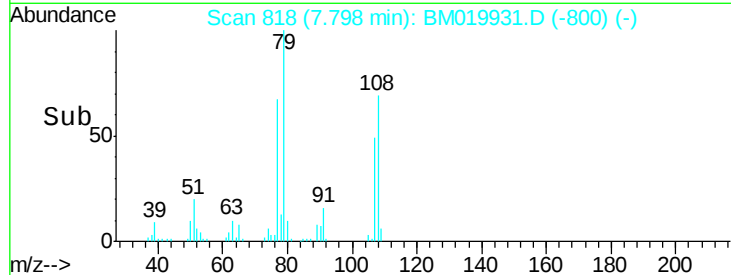
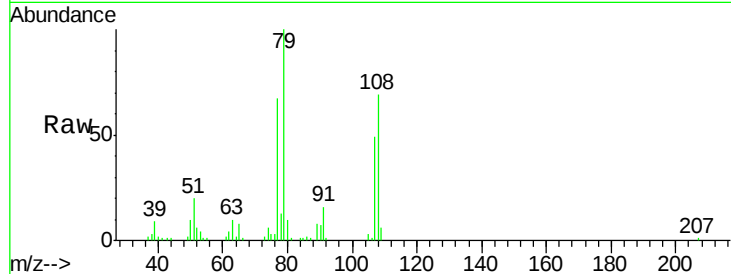
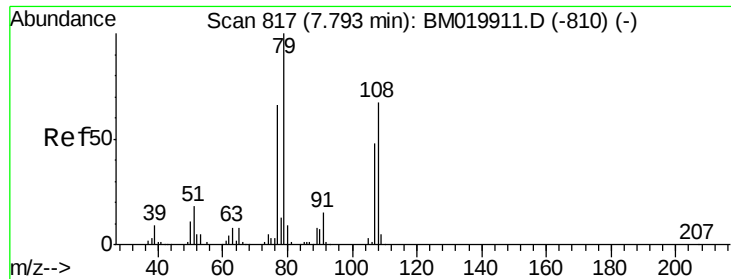
Sohil
 4/17/2019 4:05:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 16.307 ng
 RT: 7.87 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155167		
148	63.0	51.4	77.2	
111	46.5	35.4	53.0	





#15

Benzyl Alcohol

Concen: 15.715 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	79	Resp:	155755
Ion Ratio	Lower	Upper	
79	100		
108	69.2	53.9	80.9
77	67.3	53.1	79.7

Instrument :

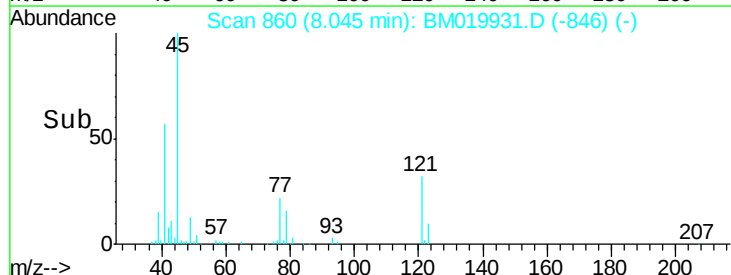
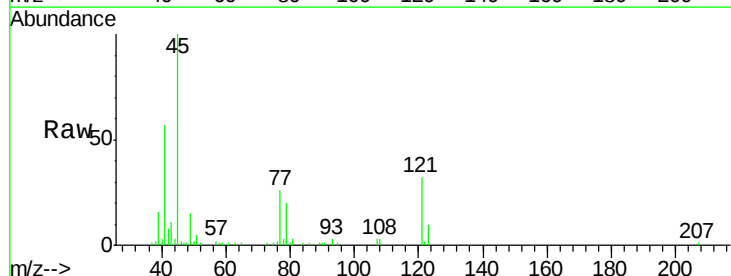
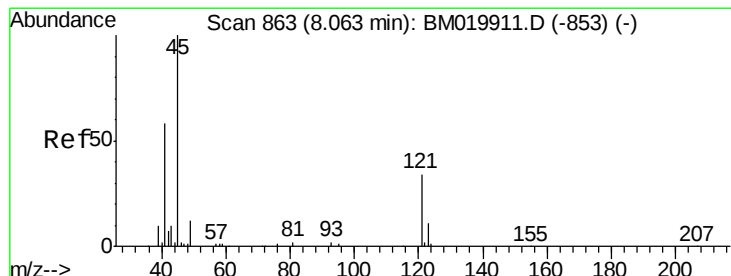
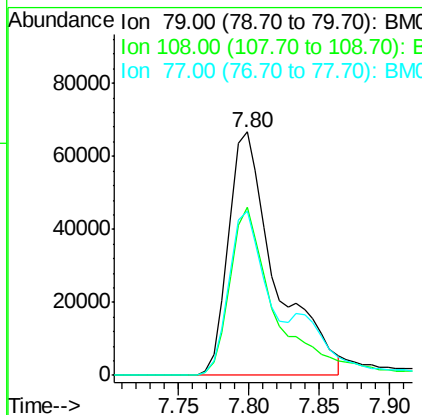
BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2019

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.579 ng

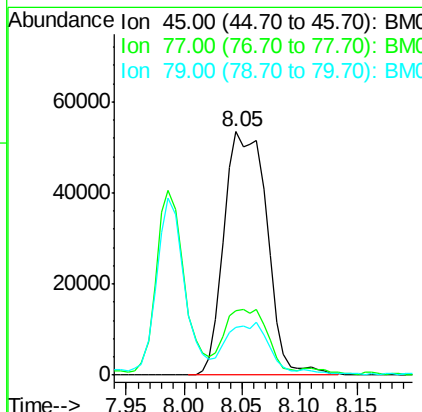
RT: 8.05 min Scan# 860

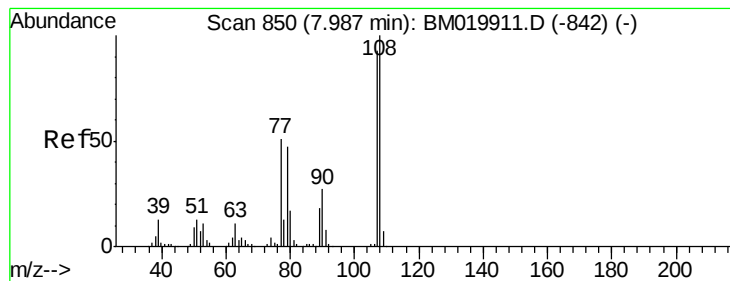
Delta R.T. -0.02 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

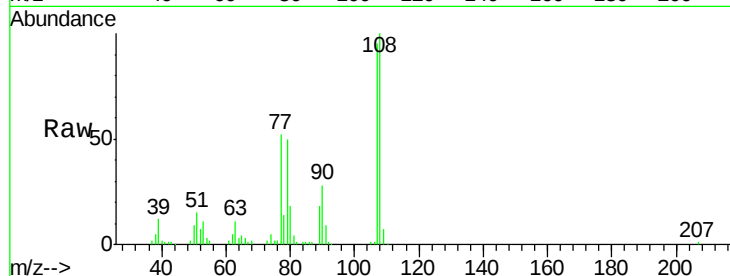
Tgt Ion:	45	Resp:	137735
Ion Ratio	Lower	Upper	
45	100		
77	26.5	7.2	47.2
79	19.8	1.2	41.2





#17
2-Methylphenol
Concen: 15.358 ng
RT: 7.99 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

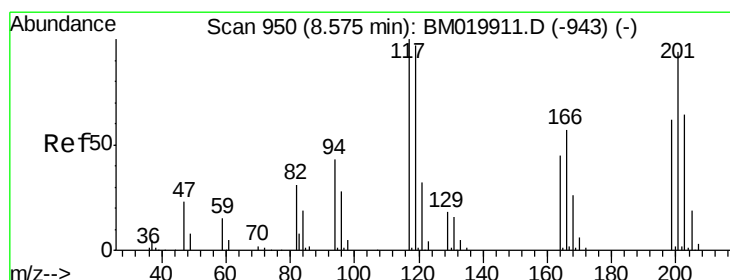
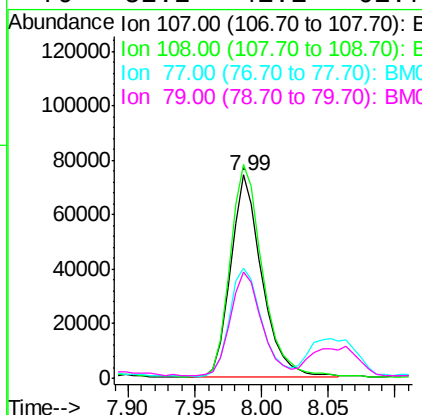
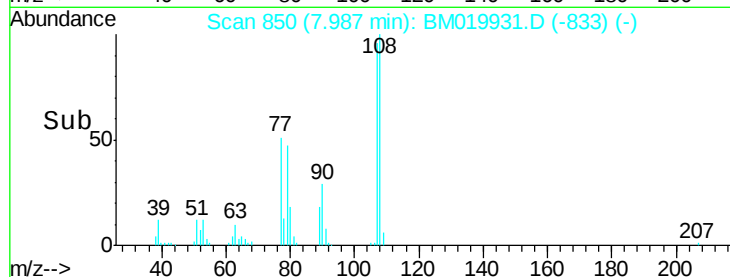
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	121073		
108	105.1	85.9	128.9	
77	54.4	43.8	65.6	
79	52.2	41.1	61.7	

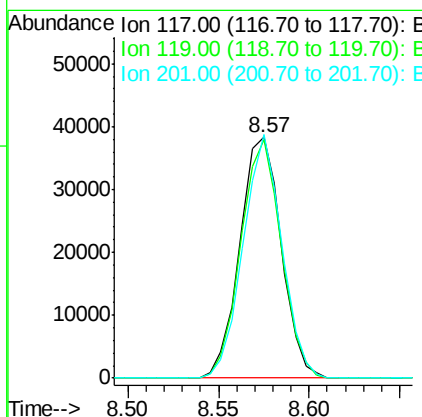
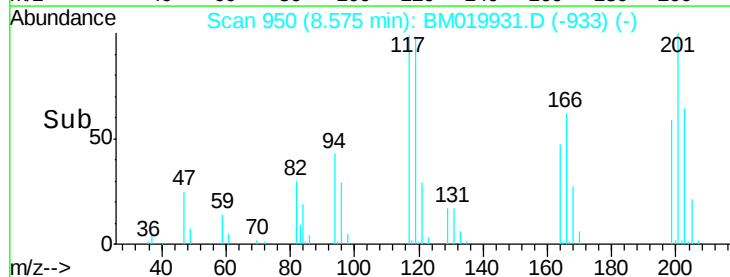
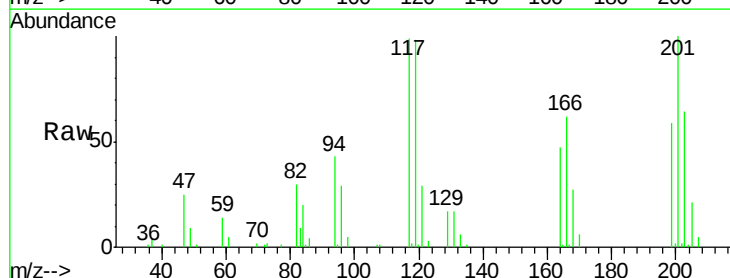
Manual Integrations
APPROVED

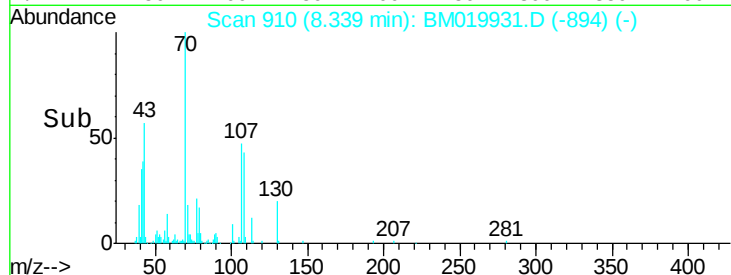
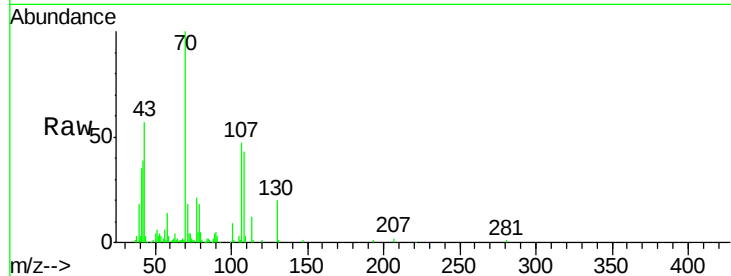
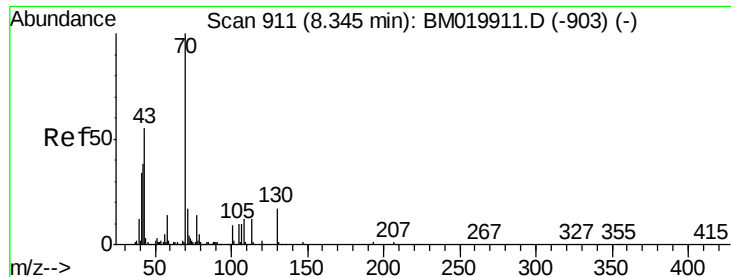
Sohil
4/17/2019 4:05:17 PM



#18
Hexachloroethane
Concen: 16.328 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60909		
119	99.1	77.6	116.4	
201	101.2	75.4	113.2	





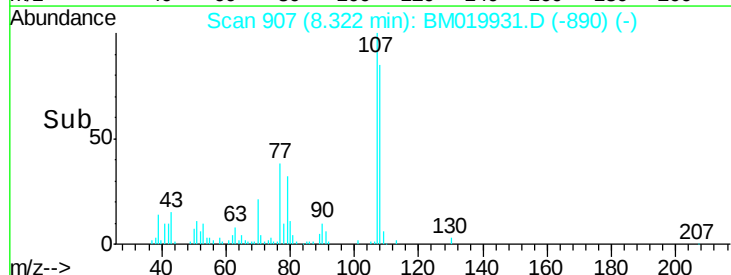
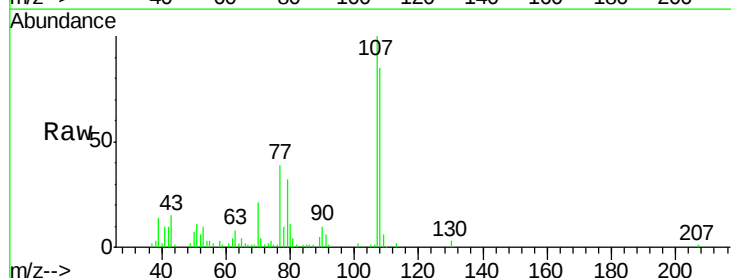
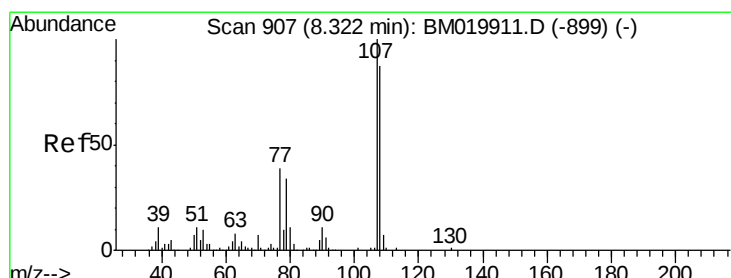
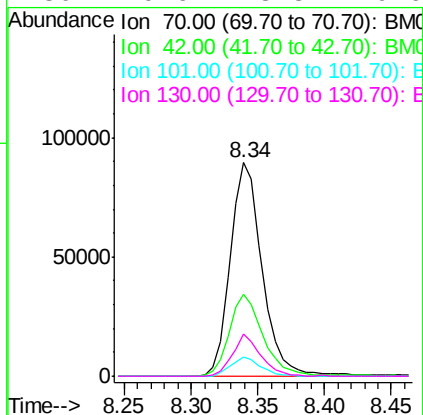
#19
n-Nitroso-di-n-propylamine
Concen: 15.530 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.7	30.3	45.5
101	8.9	6.9	10.3
130	19.6	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

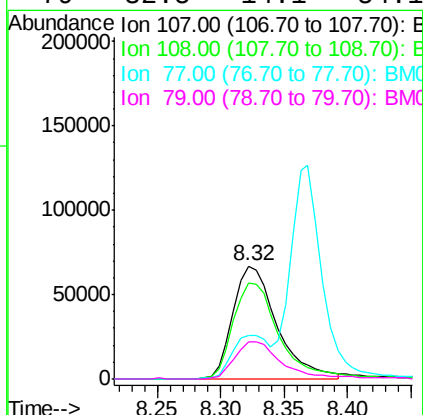
Manual Integrations
APPROVED

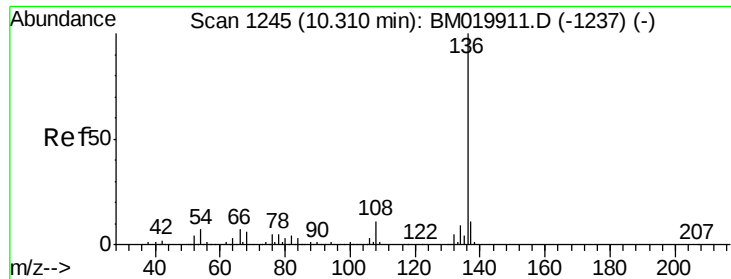
Sohil
4/17/2019 4:05:17 PM



#20
3+4-Methylphenols
Concen: 14.993 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	67.4	107.4
77	38.6	19.7	59.7
79	32.5	14.1	54.1





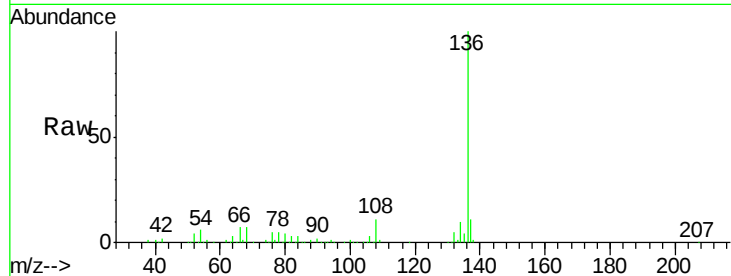
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

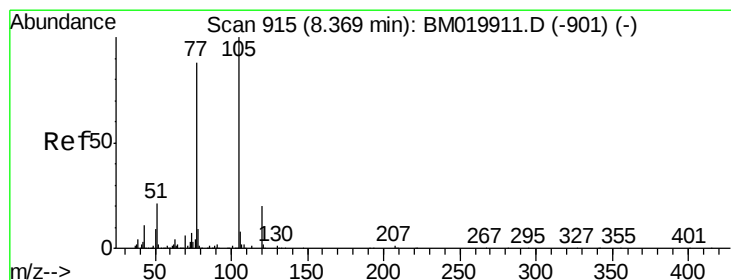
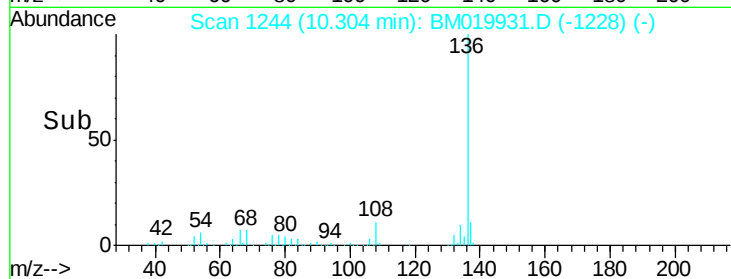
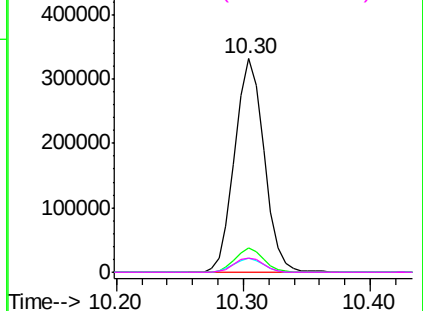
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	533741		
137	11.5	9.0	13.6	
54	6.4	5.3	7.9	
68	6.7	5.2	7.8	

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



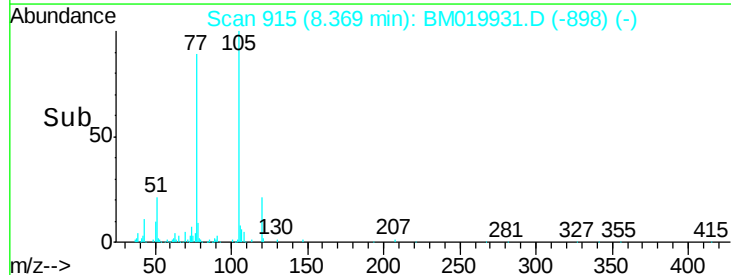
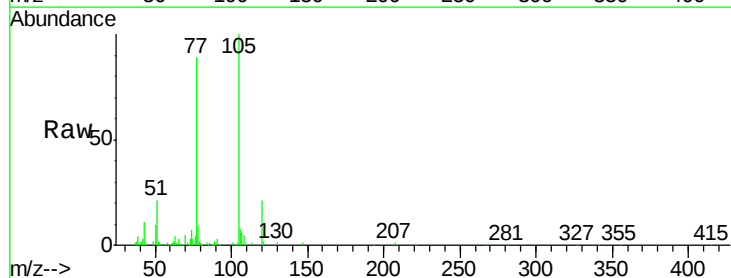
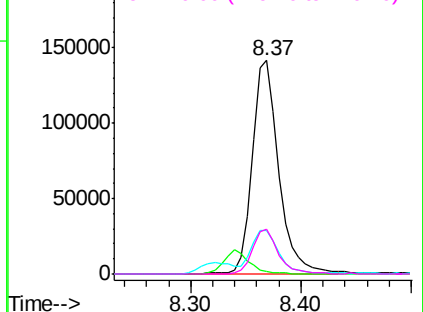
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

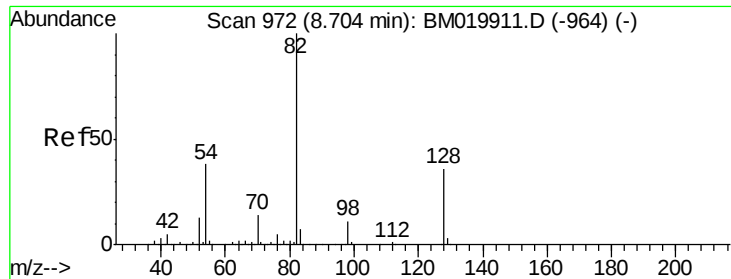


#22
Acetophenone
Concen: 16.371 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237999		
71	0.9	0.8	1.2	
51	20.5	16.9	25.3	
120	20.8	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





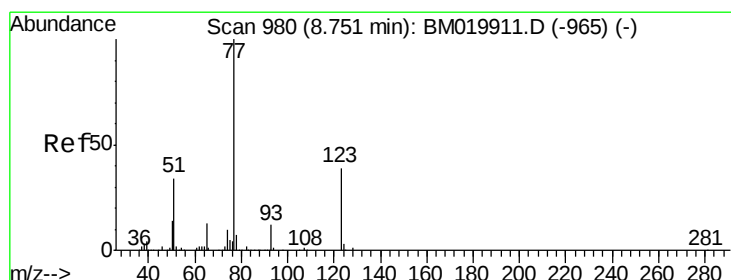
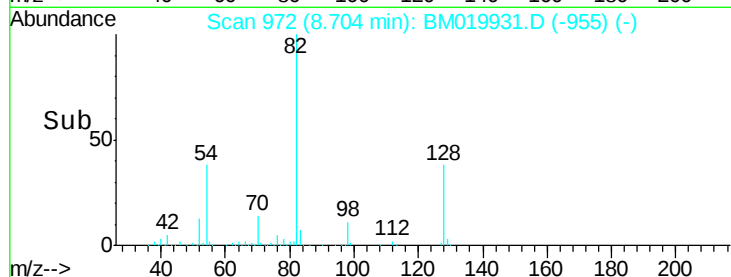
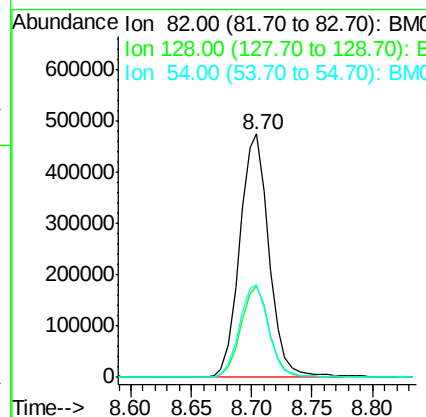
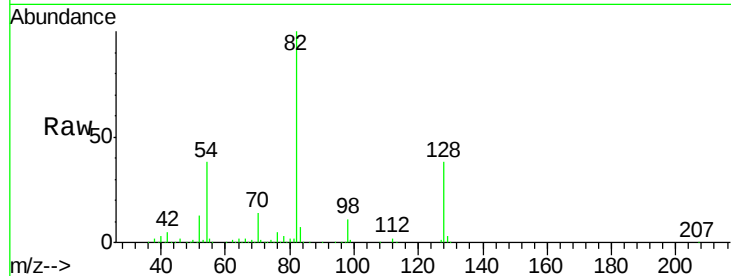
#23
 Nitrobenzene-d5
 Concen: 67.366 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	804003		
128	37.6	29.0	43.4	
54	38.1	30.2	45.4	

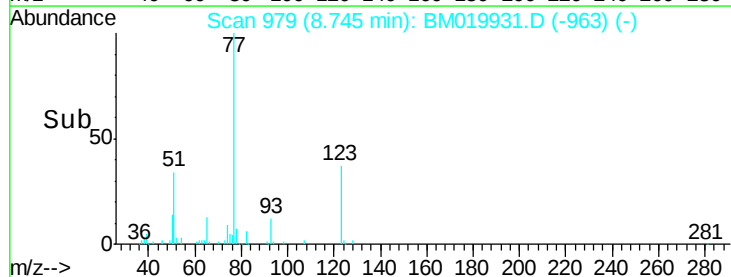
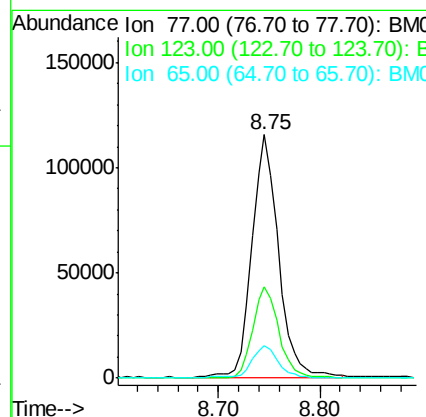
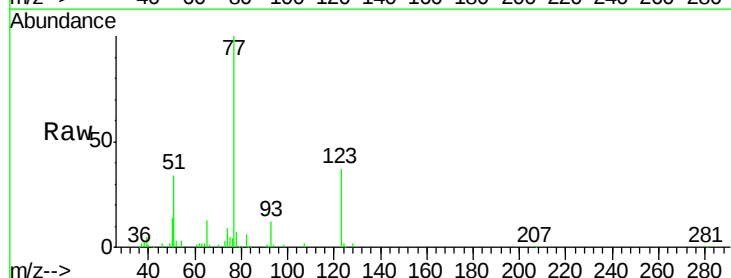
Manual Integrations
 APPROVED

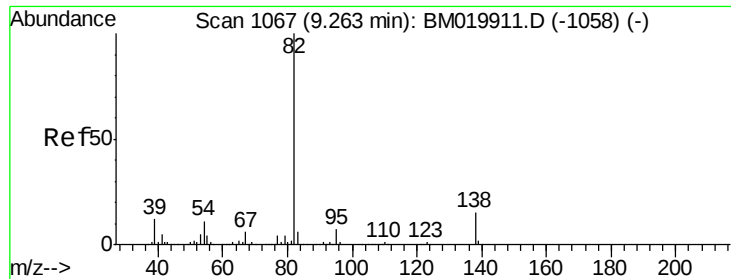
Sohil
 4/17/2019 4:05:17 PM



#24
 Nitrobenzene
 Concen: 17.214 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	212821		
123	37.3	31.0	46.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 16.117 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

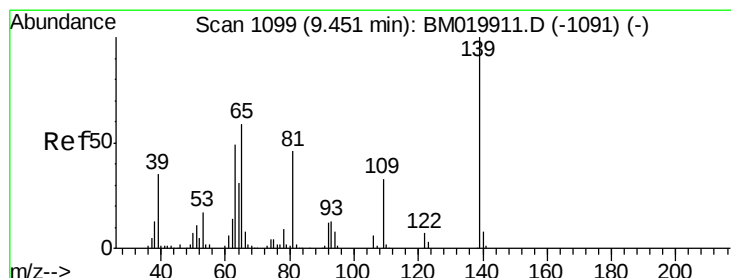
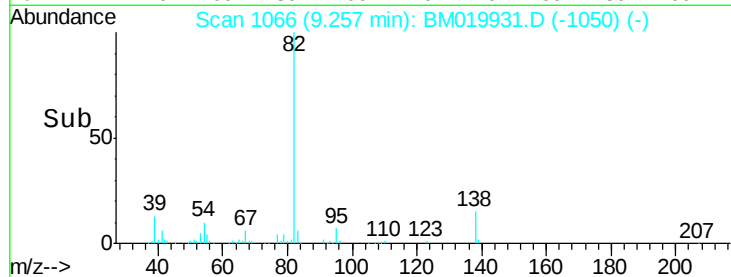
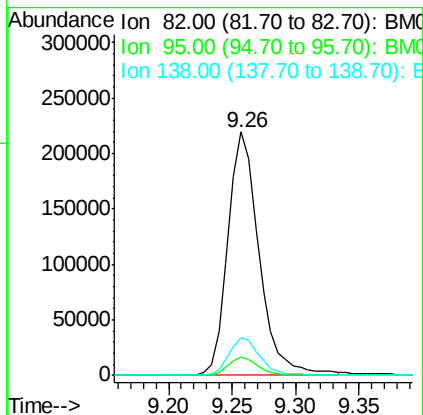
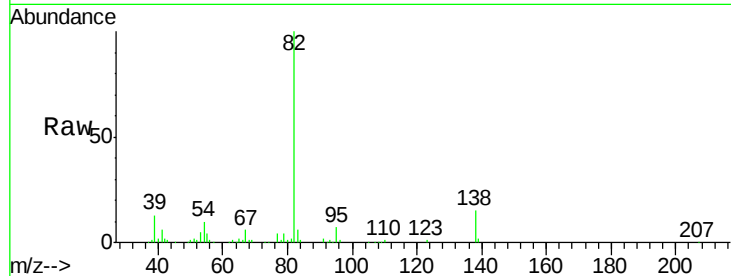
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	82	Resp:	374440
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	15.4	12.2	18.2

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#26

2-Nitrophenol

Concen: 15.330 ng

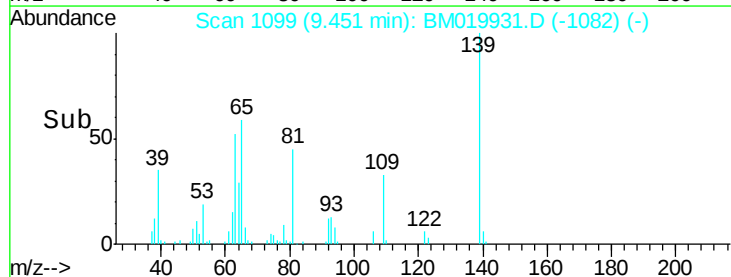
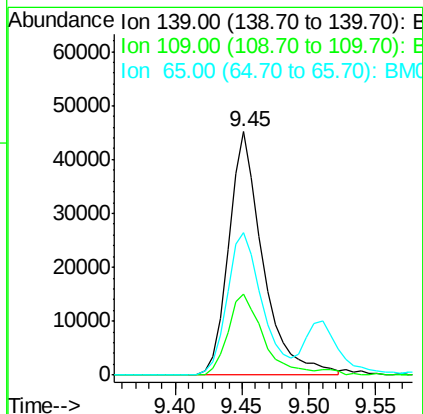
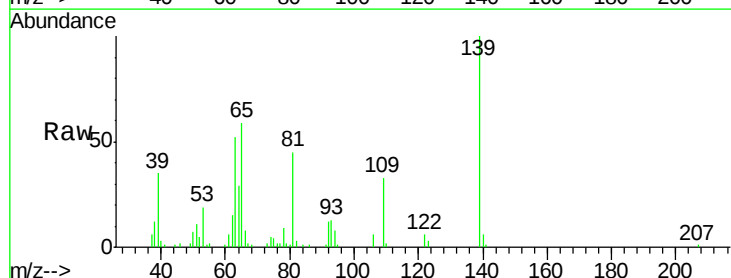
RT: 9.45 min Scan# 1099

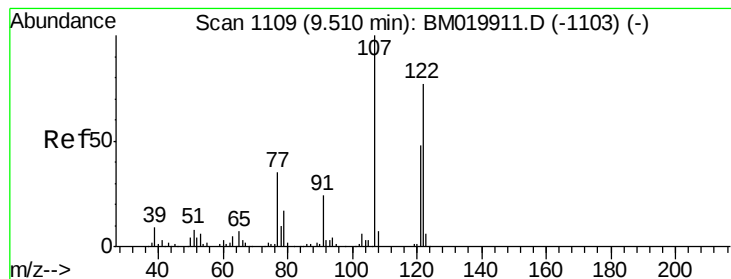
Delta R.T. -0.00 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	139	Resp:	80770
Ion Ratio	Lower	Upper	
139	100		
109	33.2	26.3	39.5
65	58.8	47.4	71.2





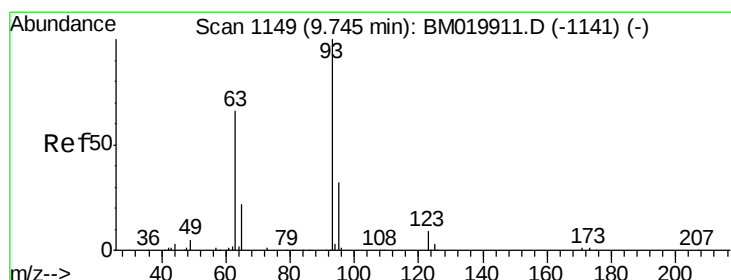
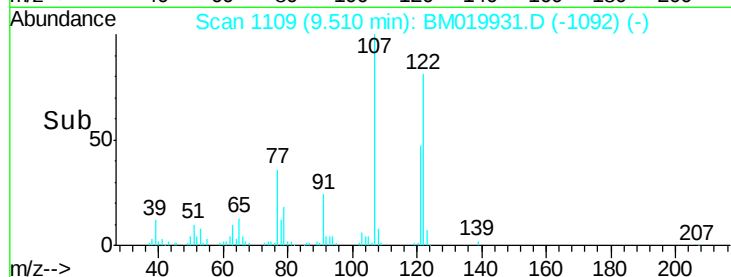
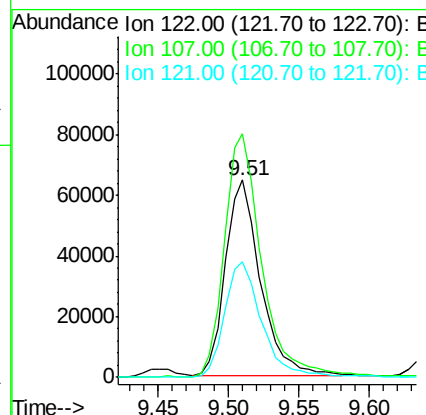
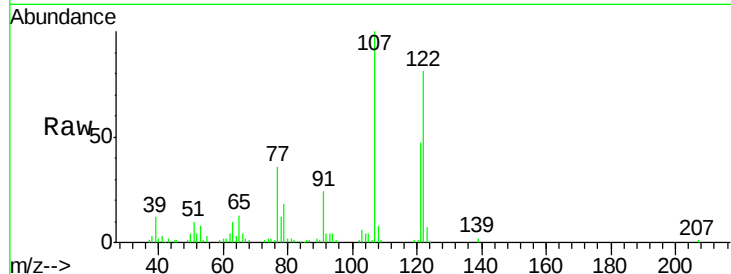
#27
2,4-Dimethylphenol
Concen: 14.970 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111518		
107	123.4	103.1	154.7	
121	58.3	49.8	74.8	

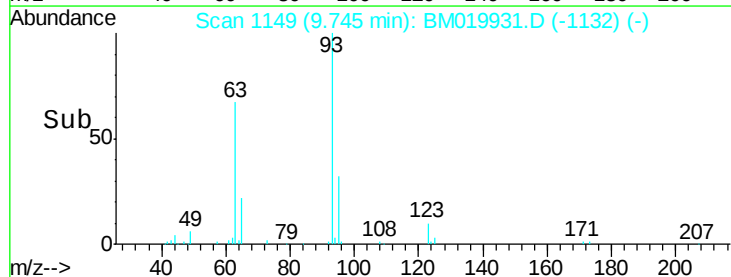
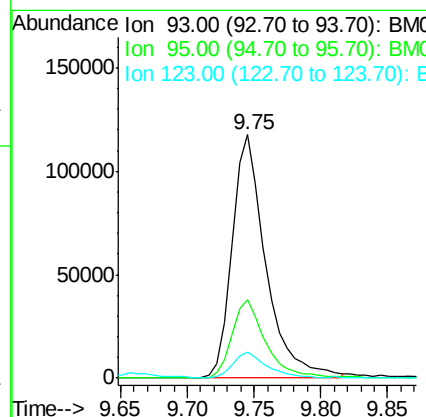
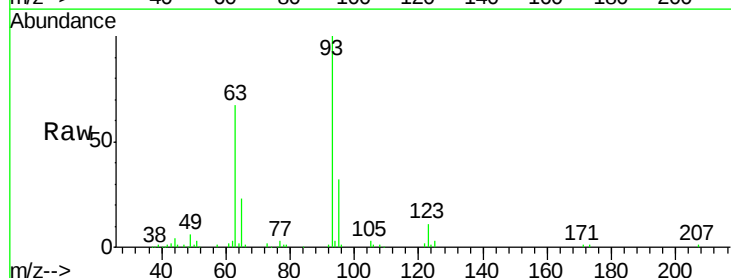
Manual Integrations
APPROVED

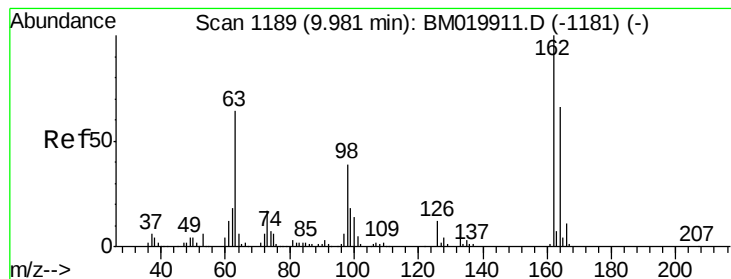
Sohil
4/17/2019 4:05:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 15.979 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207879		
95	32.4	25.8	38.8	
123	10.9	8.2	12.2	





#29

2,4-Dichlorophenol

Concen: 15.562 ng

RT: 9.99 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

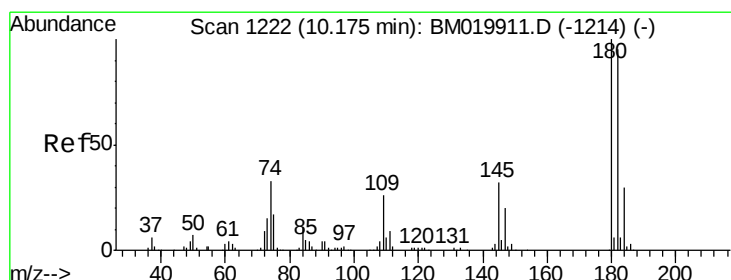
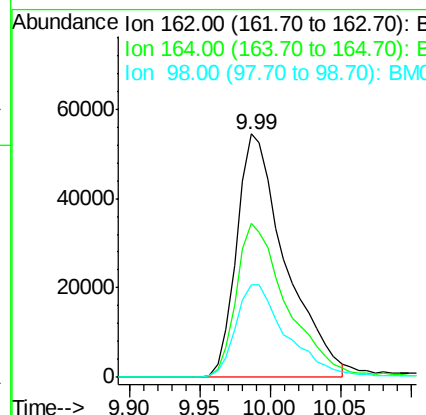
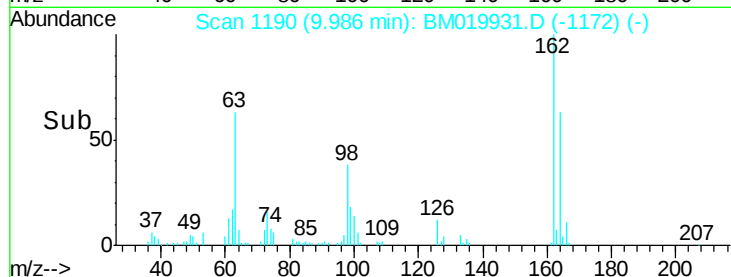
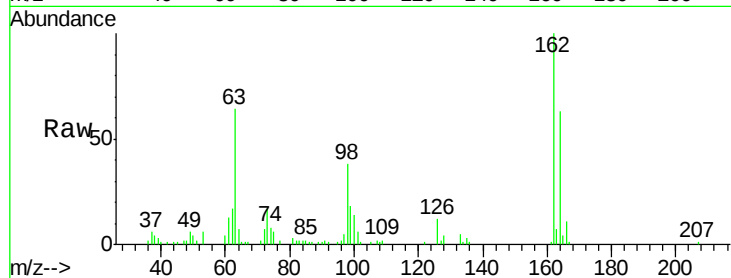
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	162	Resp:	131667
Ion Ratio	Lower	Upper	
162	100		
164	63.1	46.3	86.3
98	38.0	19.2	59.2

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#30

1,2,4-Trichlorobenzene

Concen: 16.417 ng

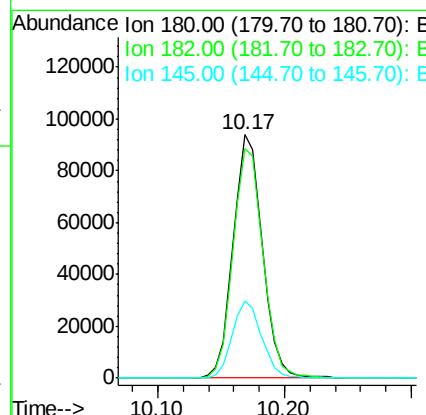
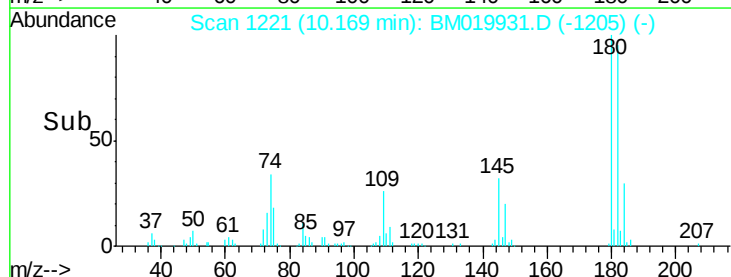
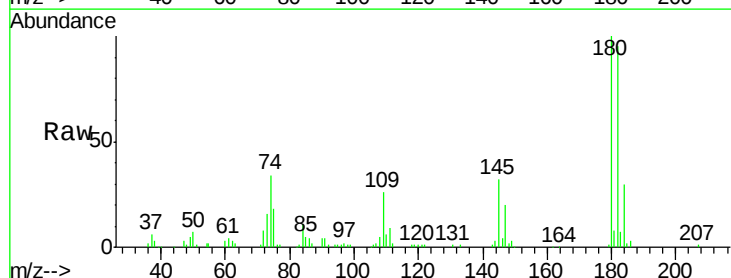
RT: 10.17 min Scan# 1221

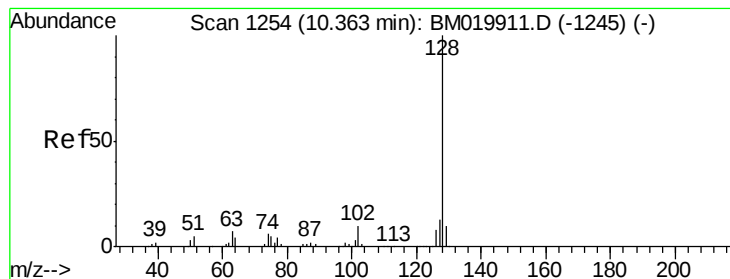
Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	180	Resp:	149499
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.3	114.5
145	31.7	25.5	38.3





#31

Naphthalene

Concen: 16.745 ng

RT: 10.36 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

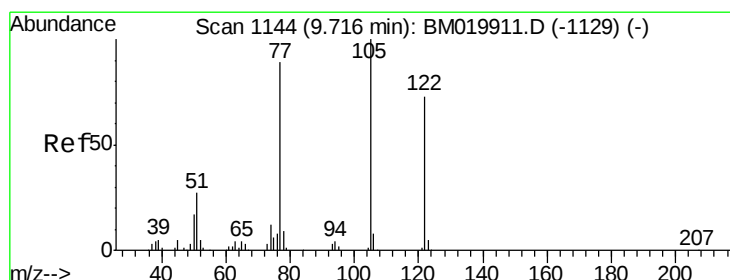
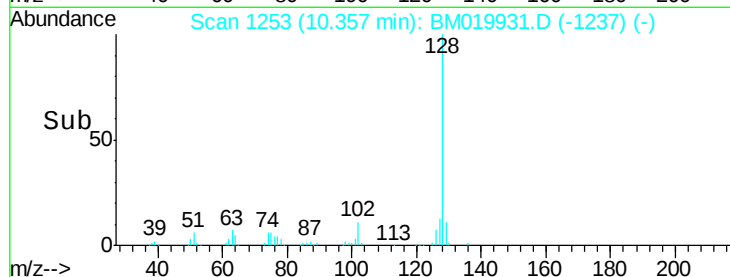
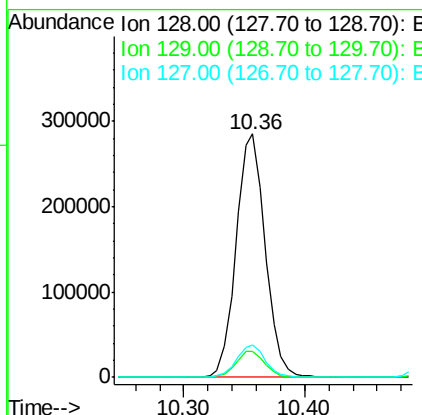
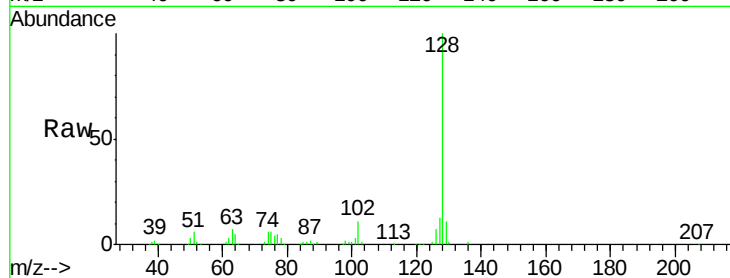
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	128	Resp:	479385
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.3	12.5
127	13.1	10.4	15.6

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#32

Benzoic acid

Concen: 14.392 ng

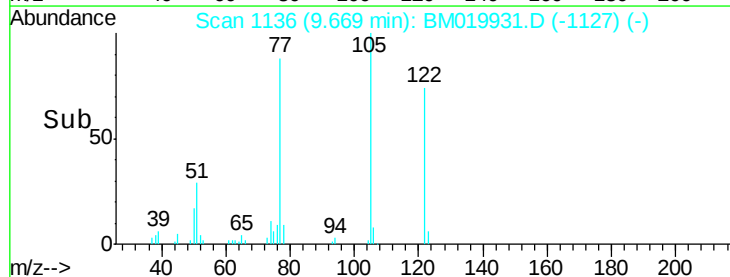
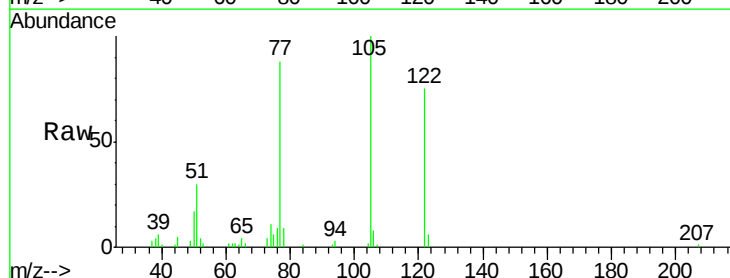
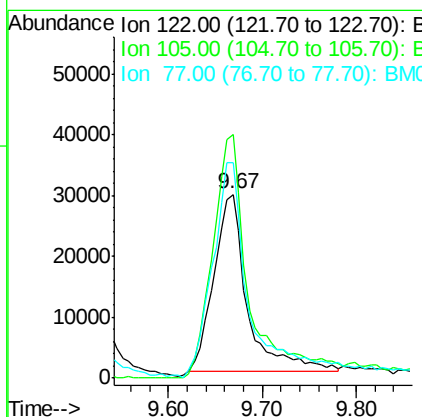
RT: 9.67 min Scan# 1136

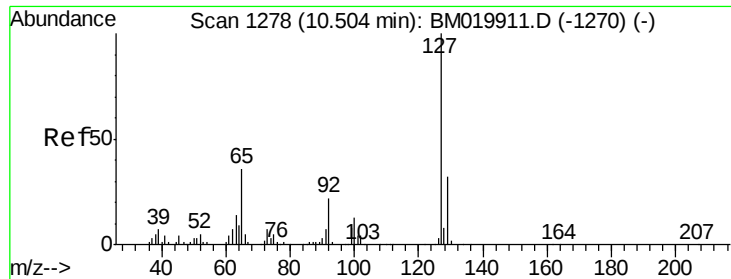
Delta R.T. -0.05 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	122	Resp:	73120
Ion Ratio	Lower	Upper	
122	100		
105	132.7	114.8	154.8
77	117.2	100.2	140.2





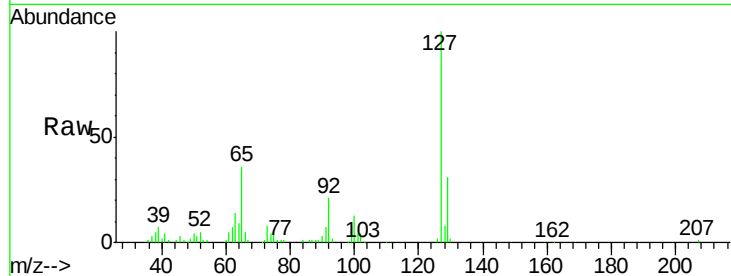
#33
4-Chloroaniline
Concen: 15.569 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

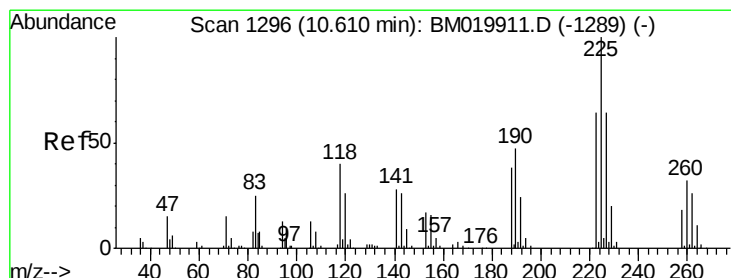
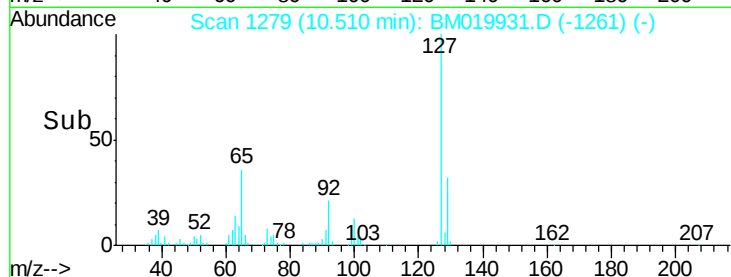
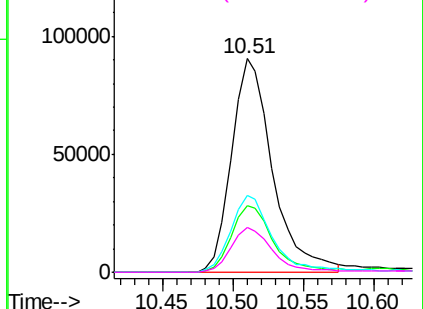
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	183618		
129	31.4	25.4	38.0	
65	36.1	29.2	43.8	
92	20.7	17.5	26.3	

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM

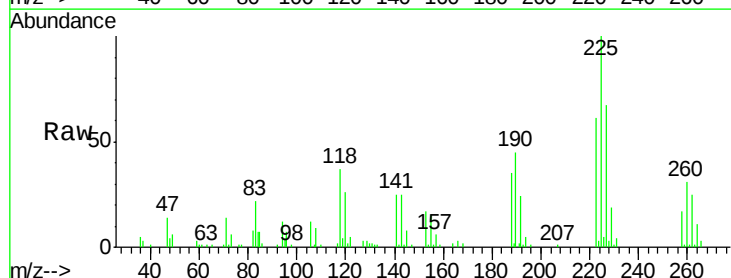


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

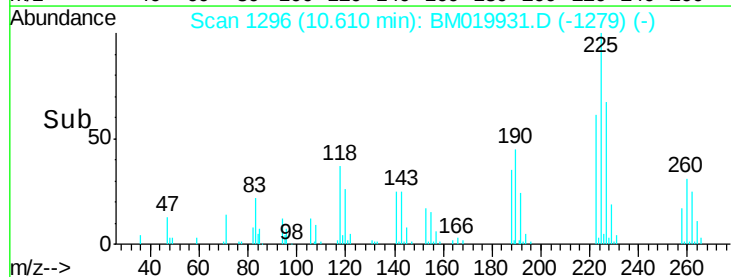
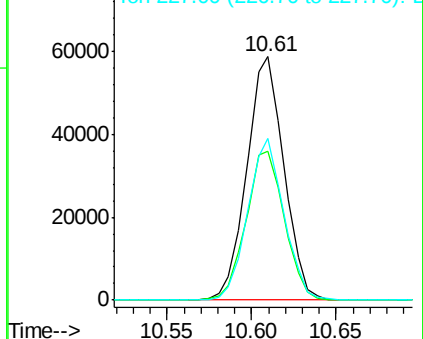


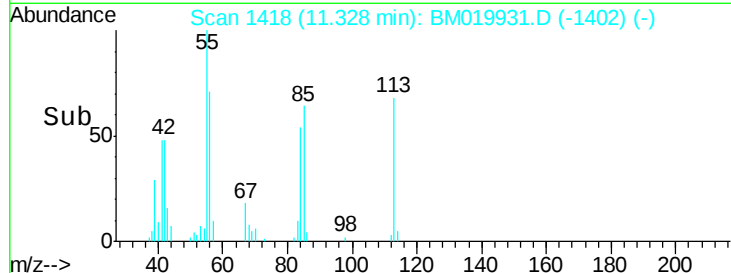
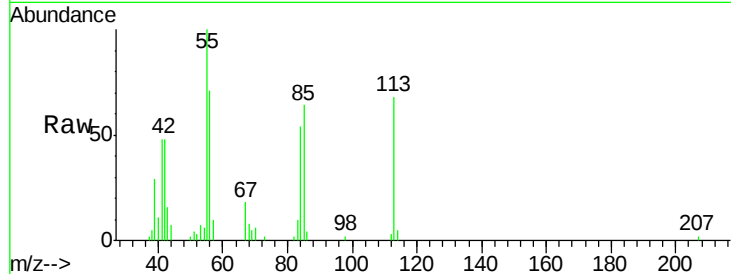
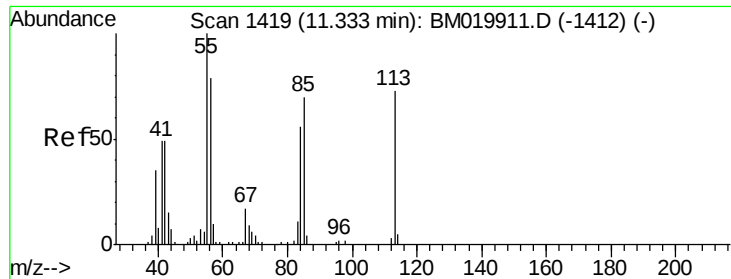
#34
Hexachlorobutadiene
Concen: 16.750 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89959		
223	61.2	51.4	77.2	
227	66.5	51.0	76.6	



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





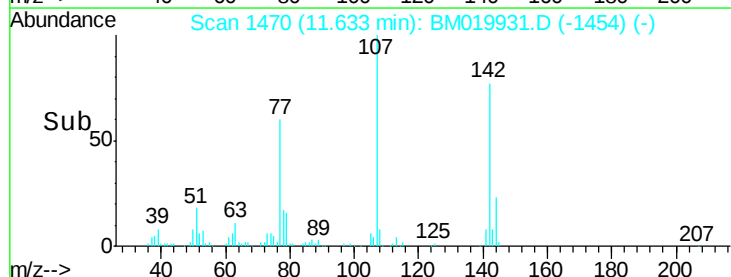
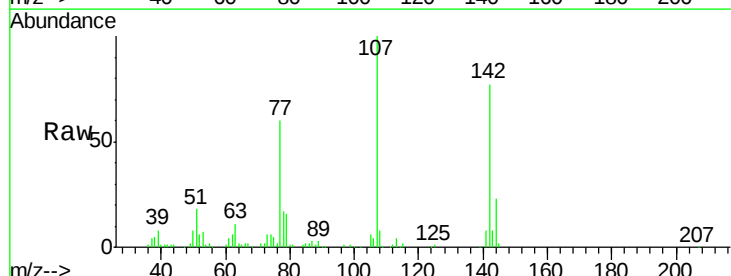
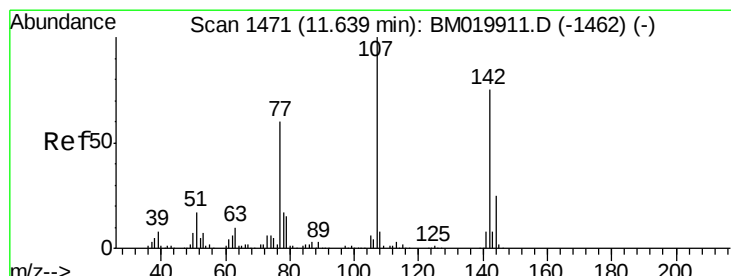
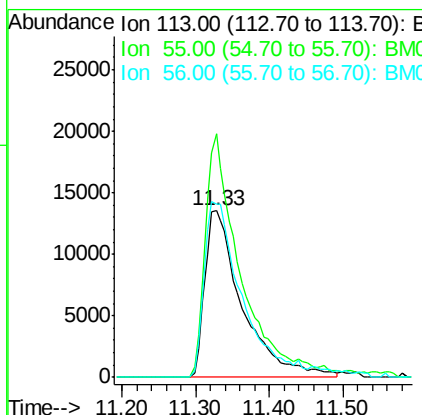
#35
Caprolactam
Concen: 14.927 ng m
RT: 11.33 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:113 Resp: 47805
Ion Ratio Lower Upper
113 100
55 146.2 117.1 157.1
56 103.7 88.2 128.2

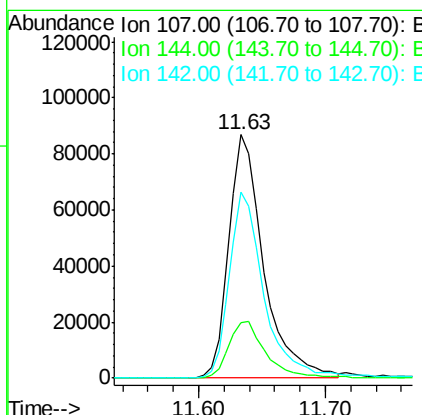
Manual Integrations
APPROVED

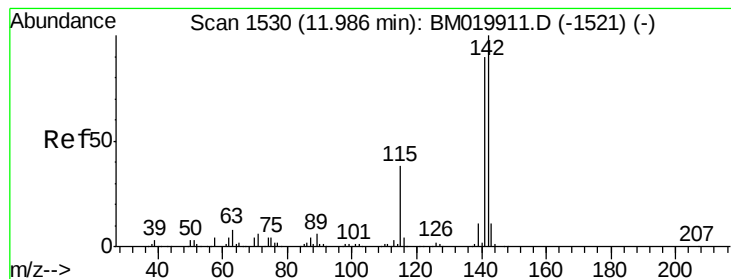
Sohil
4/17/2019 4:05:17 PM



#36
4-Chloro-3-methylphenol
Concen: 15.791 ng
RT: 11.63 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion:107 Resp: 166010
Ion Ratio Lower Upper
107 100
144 22.9 19.8 29.8
142 76.5 60.3 90.5





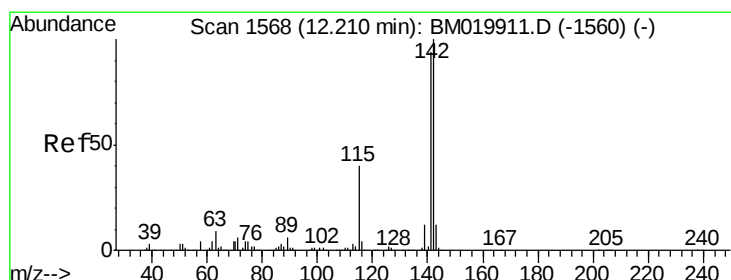
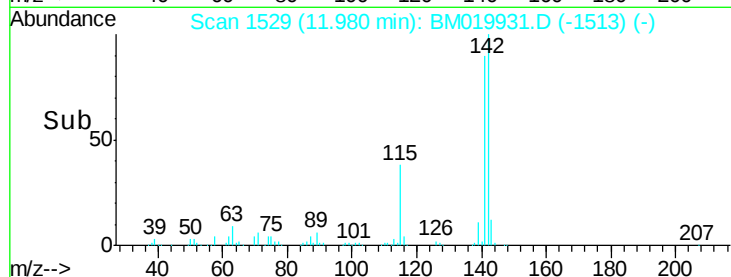
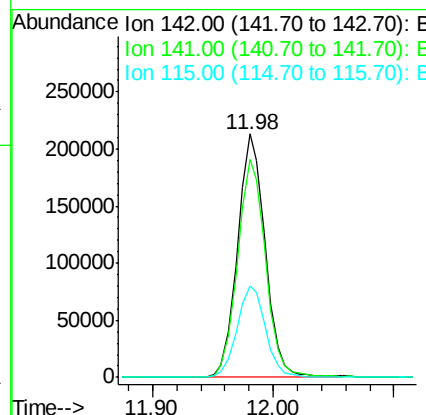
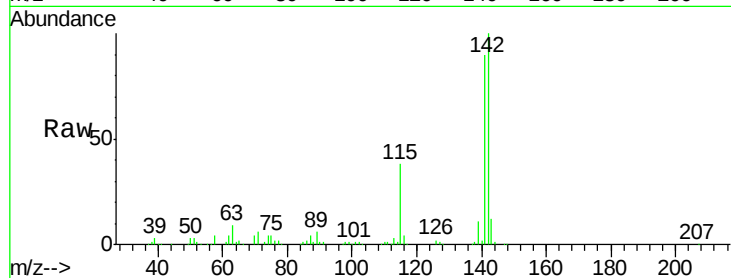
#37
2-Methylnaphthalene
Concen: 16.350 ng
RT: 11.98 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	340780		
141	89.5	72.3	108.5	
115	37.7	30.5	45.7	

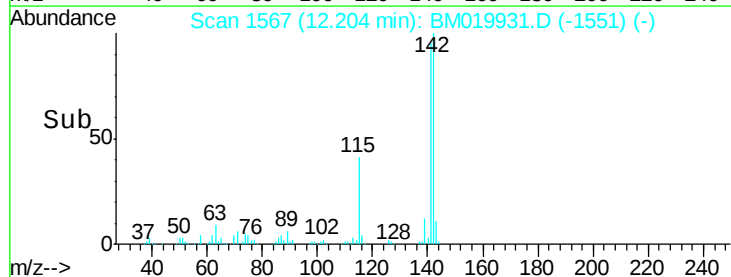
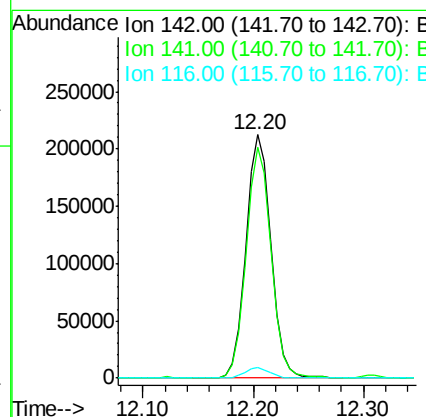
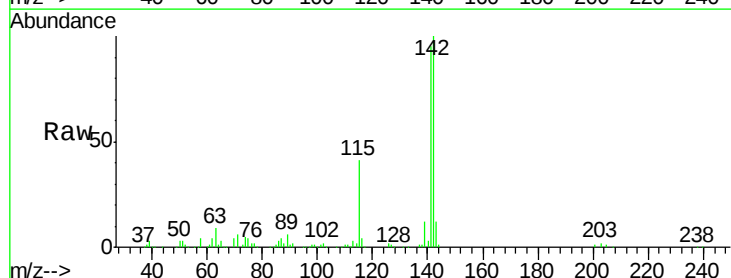
Manual Integrations
APPROVED

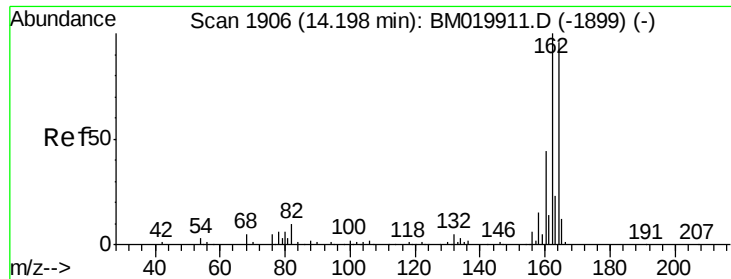
Sohil
4/17/2019 4:05:17 PM



#38
1-Methylnaphthalene
Concen: 16.495 ng
RT: 12.20 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	339449		
141	94.8	75.7	113.5	
116	4.1	3.4	5.2	





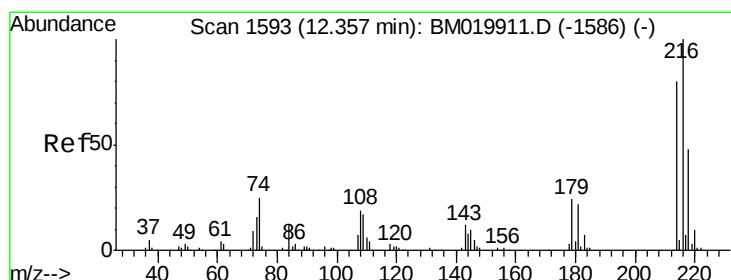
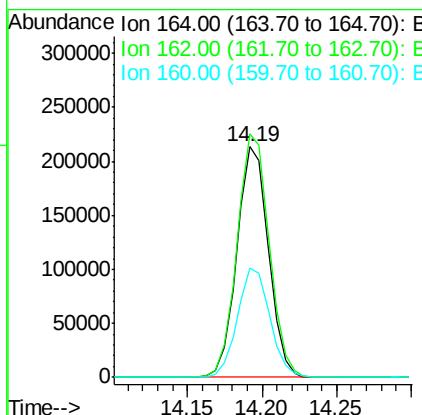
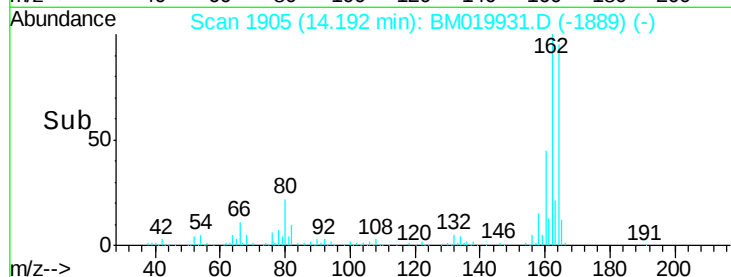
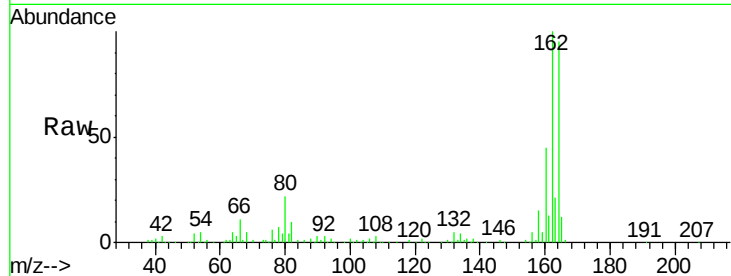
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	83.0	124.4	
160	47.5	36.6	55.0	

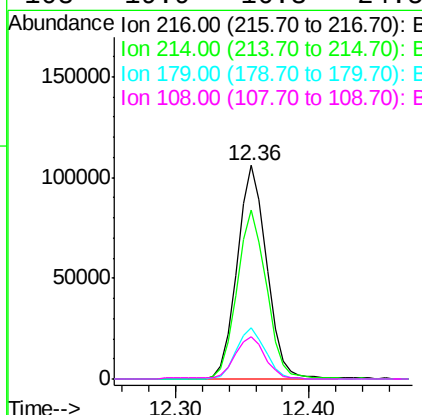
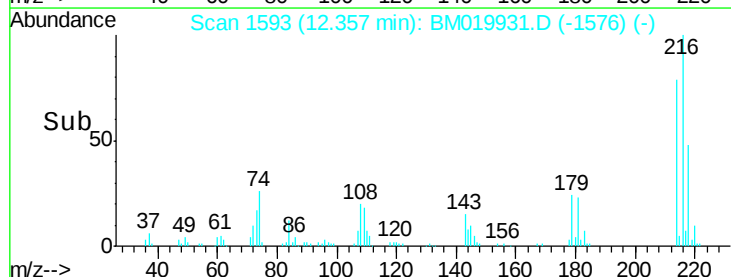
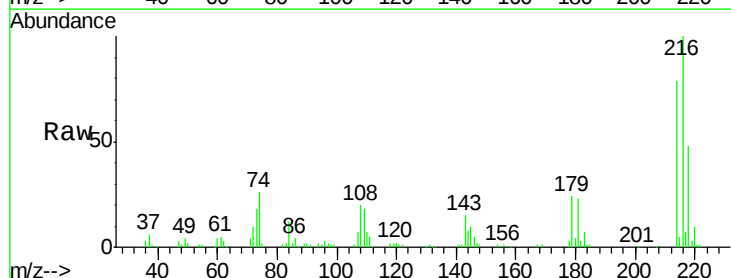
Manual Integrations
APPROVED

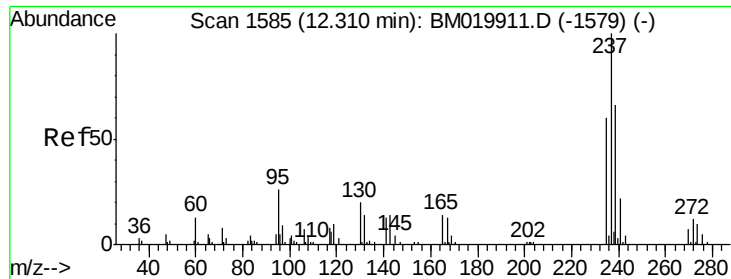
Sohil
4/17/2019 4:05:17 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 16.815 ng
RT: 12.36 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.1	94.7	
179	23.7	19.0	28.6	
108	19.9	16.3	24.5	





#41

Hexachlorocyclopentadiene

Concen: 17.002 ng

RT: 12.30 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

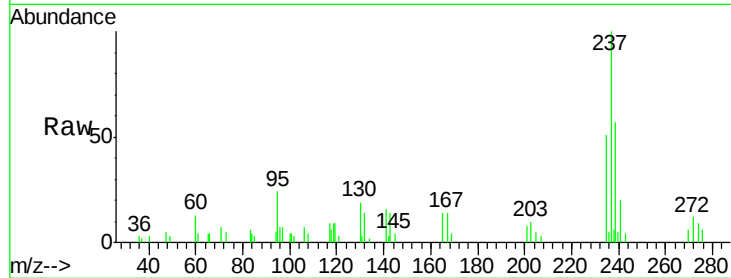
ClientSampleId :

LOQ-WATER-02-QT1-2019

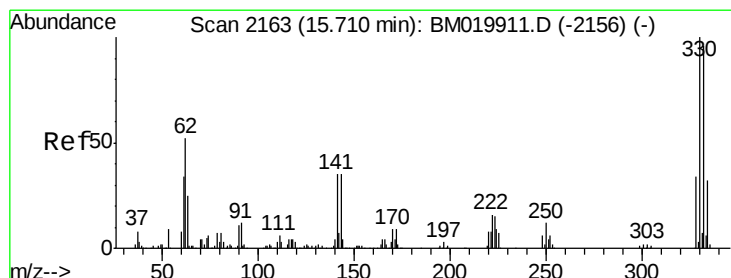
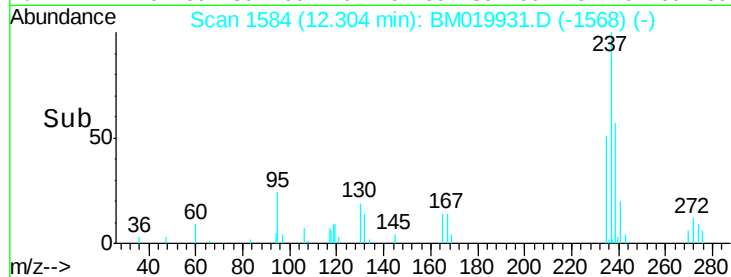
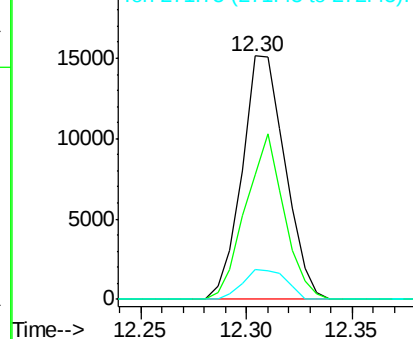
Tgt Ion:	237	Resp:	21437
Ion Ratio	Lower	Upper	
237	100		
235	51.3	40.4	80.4
272	12.3	0.0	32.3

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.470 ng

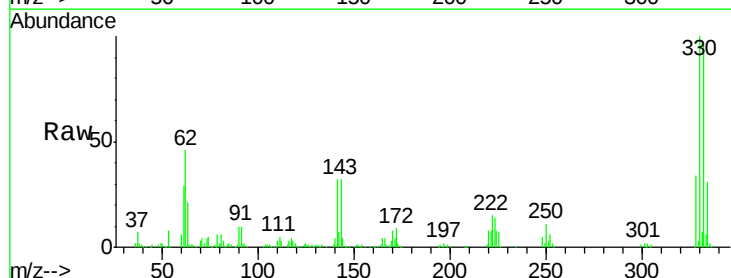
RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

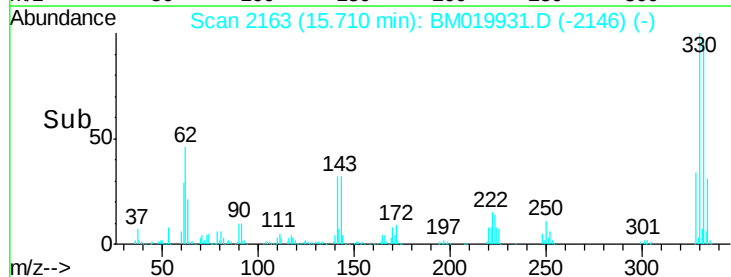
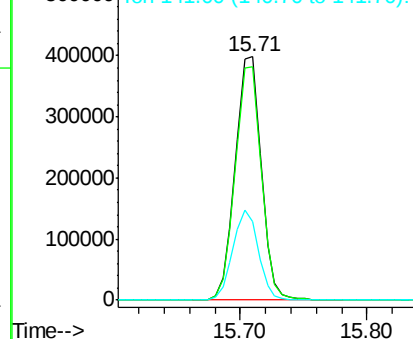
Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	330	Resp:	563586
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	36.7	29.0	43.4



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





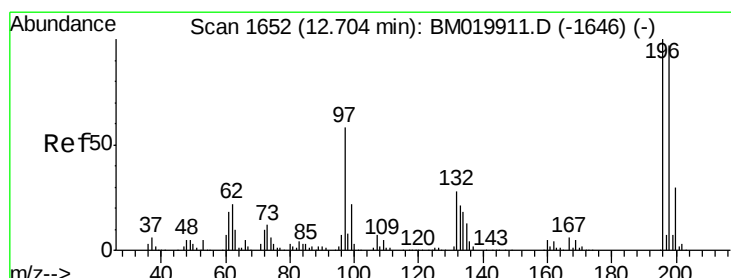
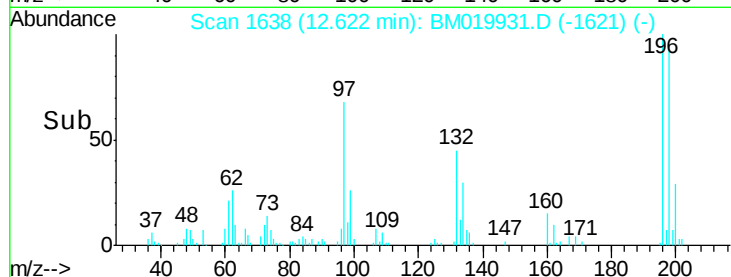
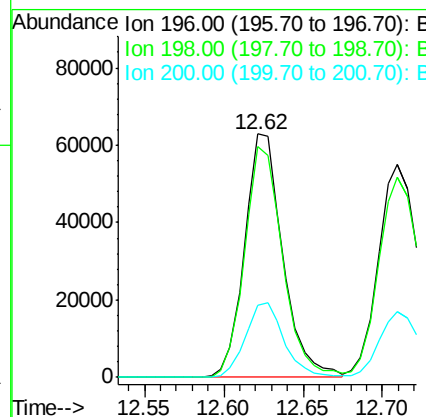
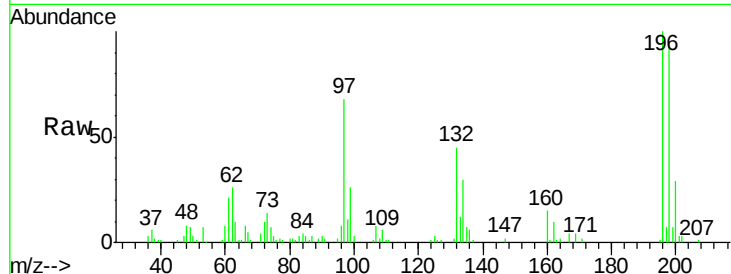
#43
 2,4,6-Trichlorophenol
 Concen: 16.029 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105297		
198	94.9	76.8	115.2	
200	29.5	24.6	37.0	

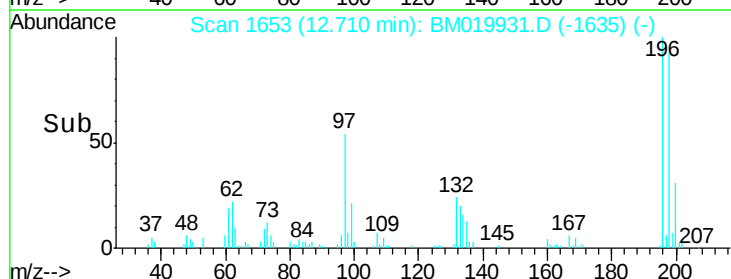
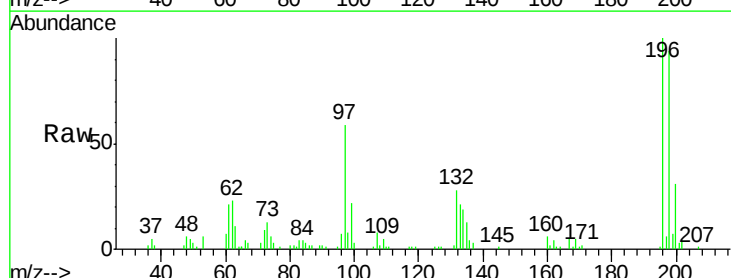
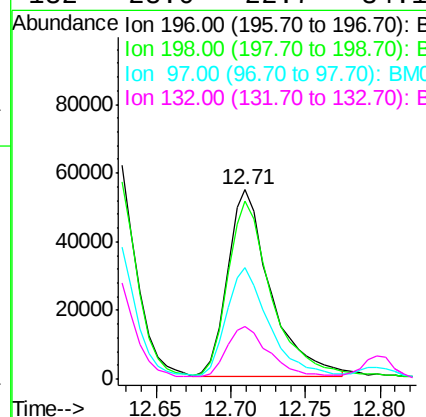
Manual Integrations
 APPROVED

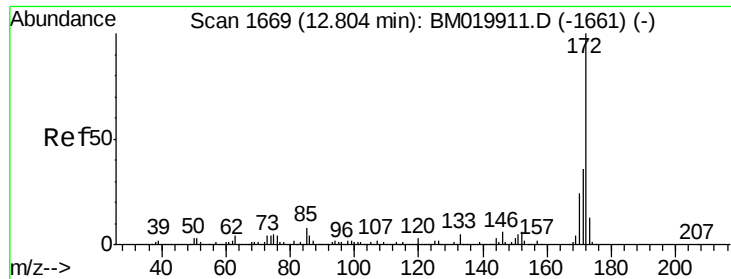
Sohil
 4/17/2019 4:05:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 15.935 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108950		
198	94.1	77.8	116.8	
97	58.8	46.2	69.2	
132	28.0	22.7	34.1	





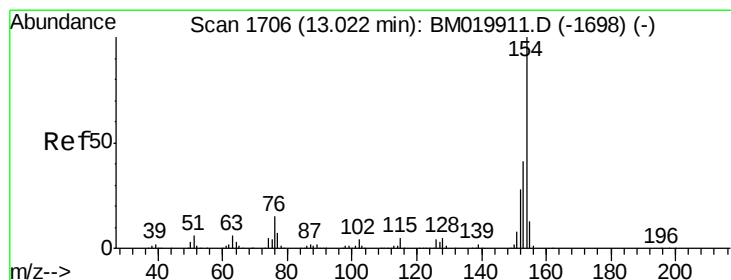
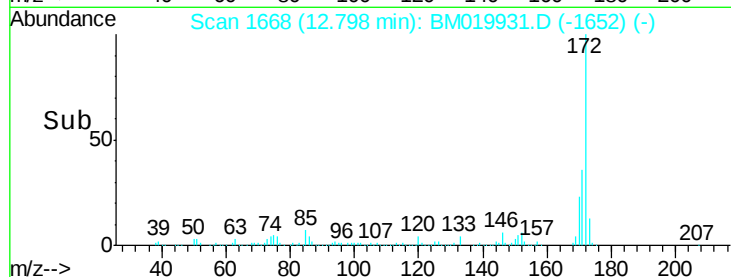
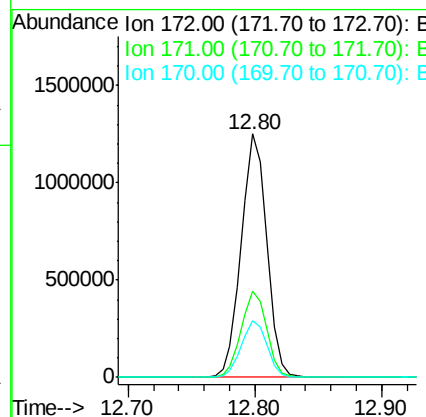
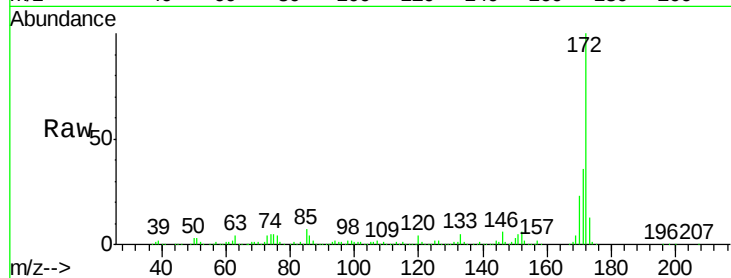
#45
2-Fluorobiphenyl
Concen: 69.064 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:172 Resp: 1740623
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.3 19.0 28.4

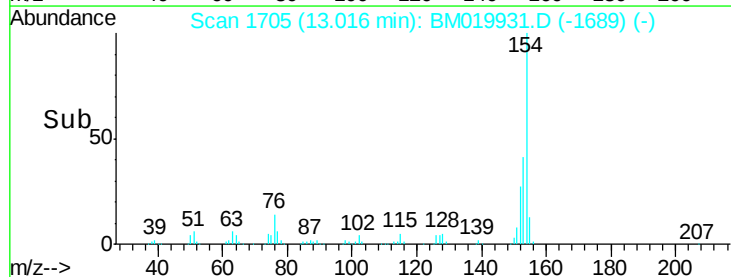
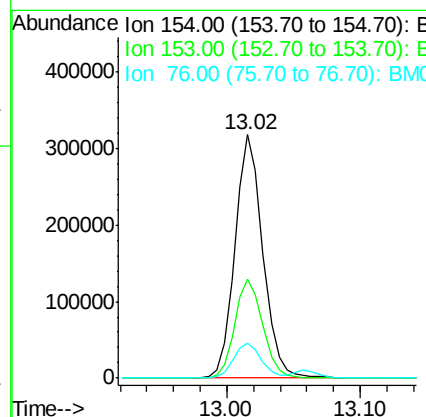
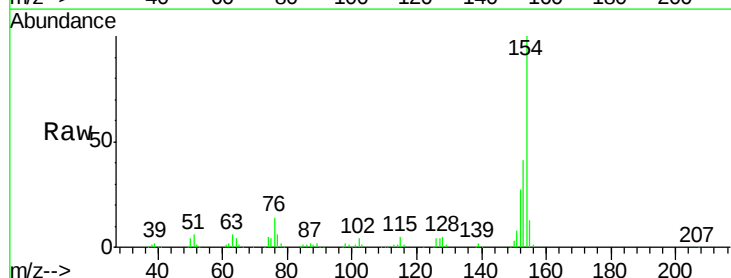
Manual Integrations
APPROVED

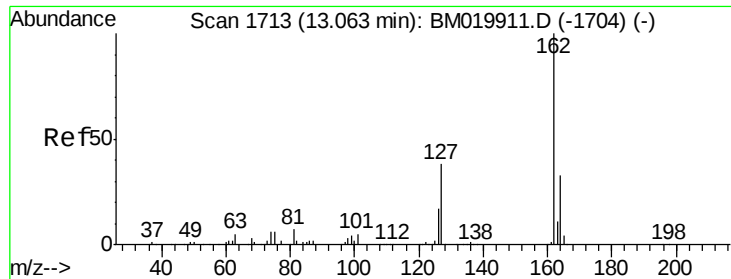
Sohil
4/17/2019 4:05:17 PM



#46
1,1'-Biphenyl
Concen: 17.010 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion:154 Resp: 462733
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 14.5 0.0 34.8





#47

2-Chloronaphthalene

Concen: 16.759 ng

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

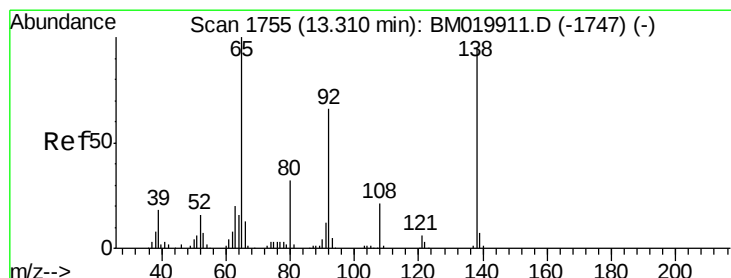
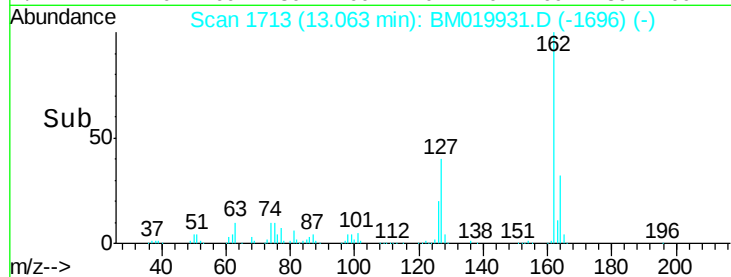
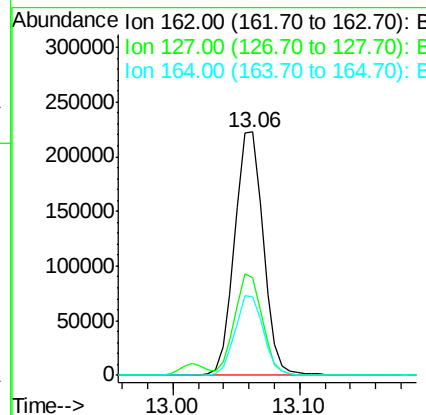
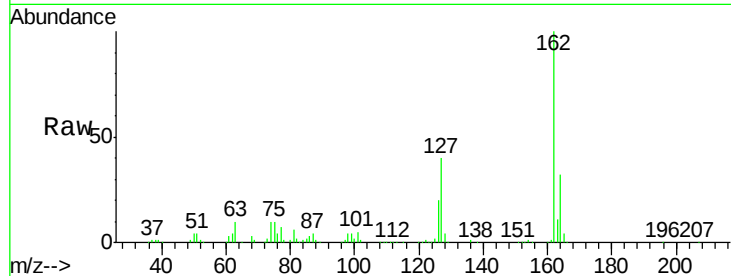
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	162	Resp:	347769
Ion Ratio		Lower	Upper
162	100		
127	40.0	32.3	48.5
164	32.5	26.3	39.5

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#48

2-Nitroaniline

Concen: 15.754 ng

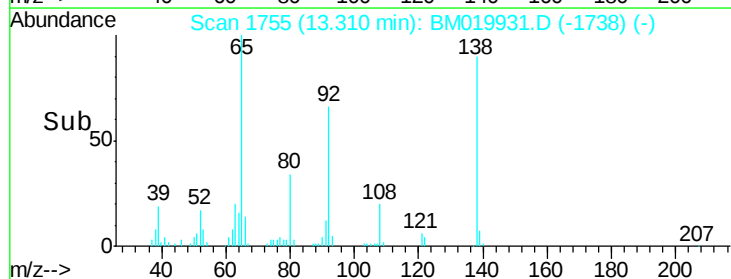
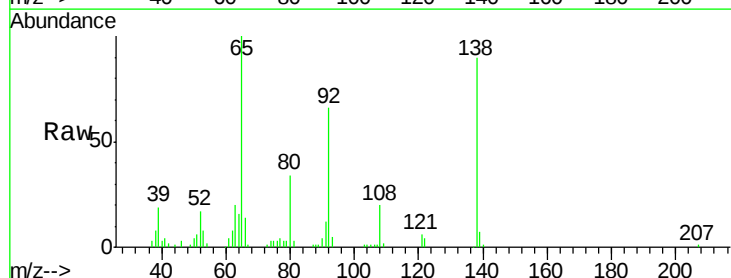
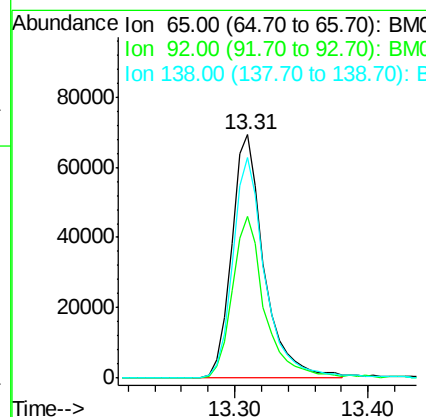
RT: 13.31 min Scan# 1755

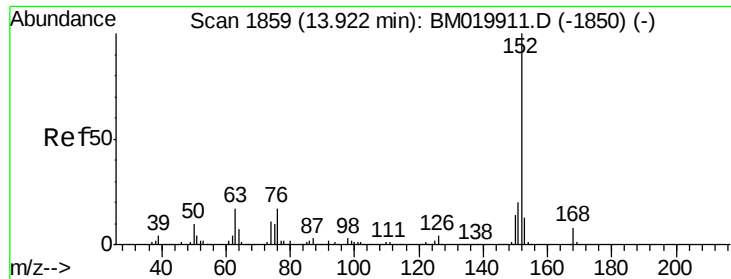
Delta R.T. -0.00 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	65	Resp:	117835
Ion Ratio		Lower	Upper
65	100		
92	66.5	52.9	79.3
138	90.4	75.8	113.6





#49

Acenaphthylene

Concen: 16.432 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

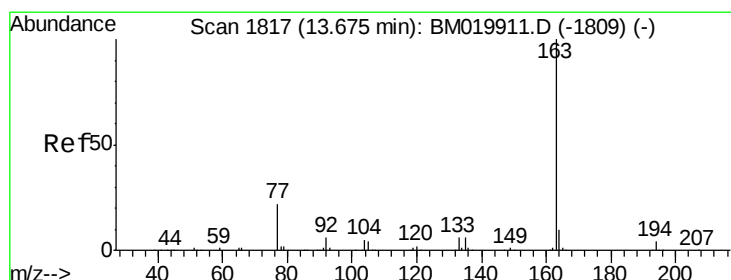
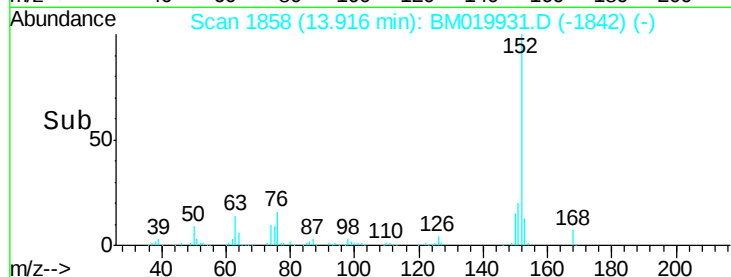
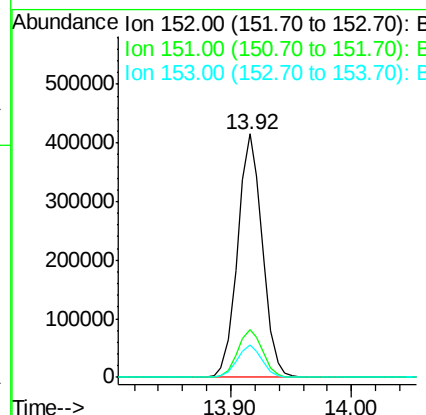
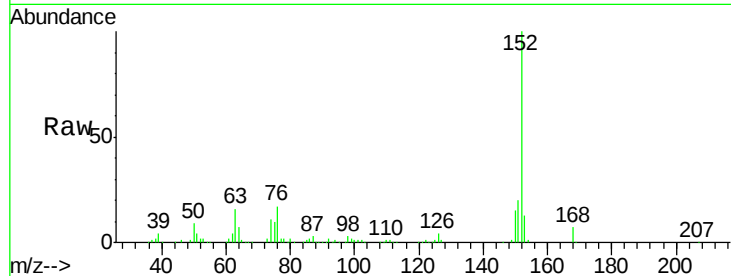
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	152	Resp:	593255
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#50

Dimethylphthalate

Concen: 16.641 ng

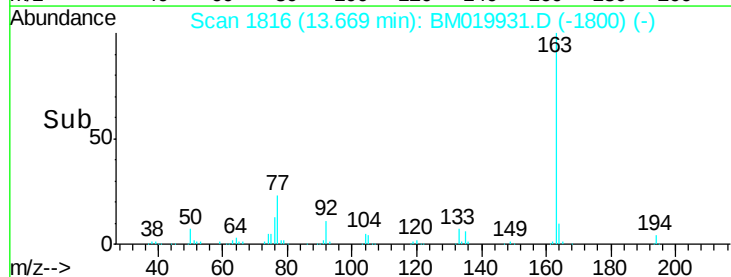
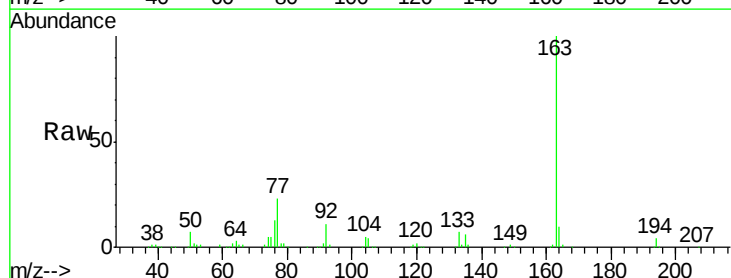
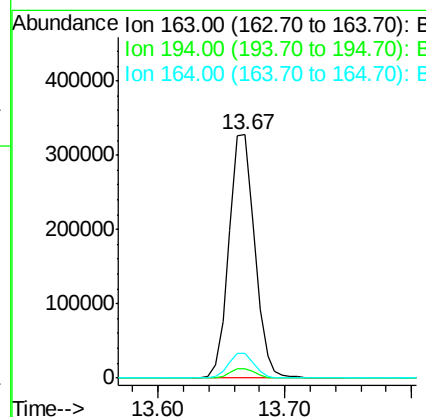
RT: 13.67 min Scan# 1816

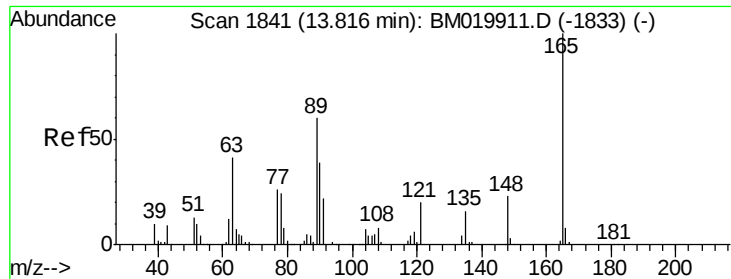
Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	163	Resp:	461039
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.0	7.9	11.9





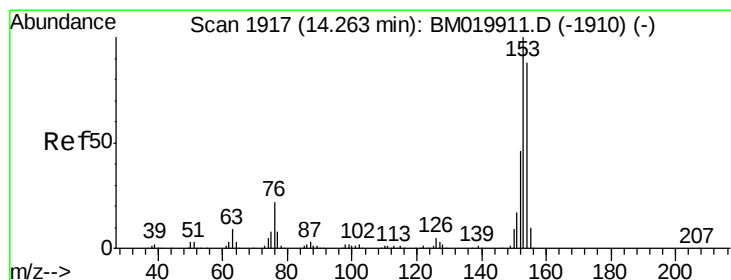
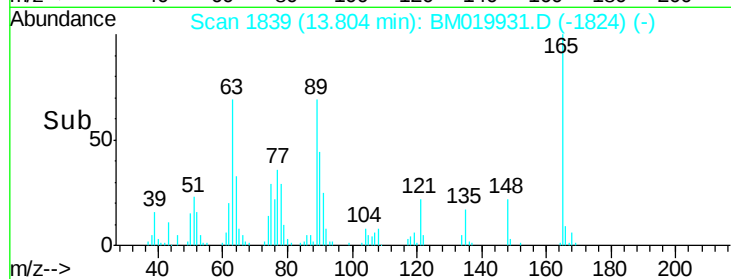
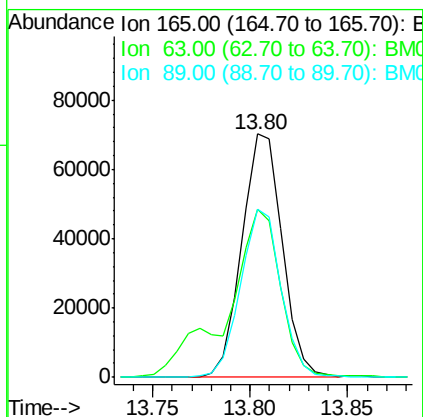
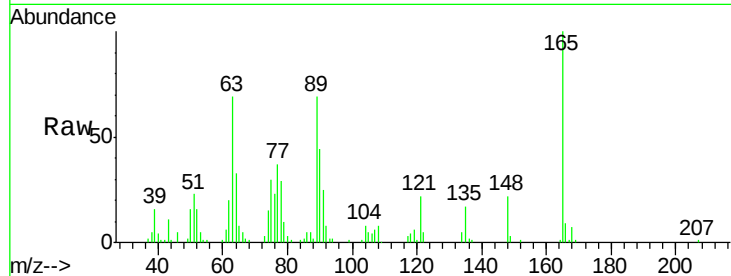
#51
2,6-Dinitrotoluene
Concen: 16.480 ng
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100963		
63	69.2	48.5	72.7	
89	68.9	48.2	72.4	

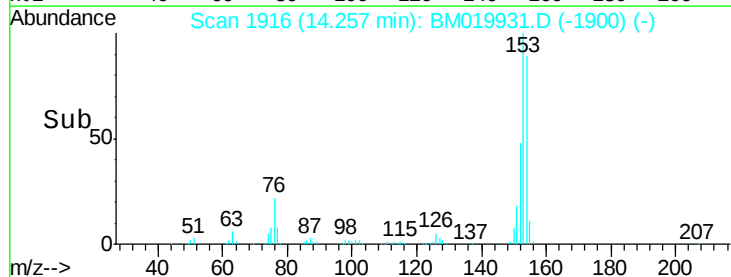
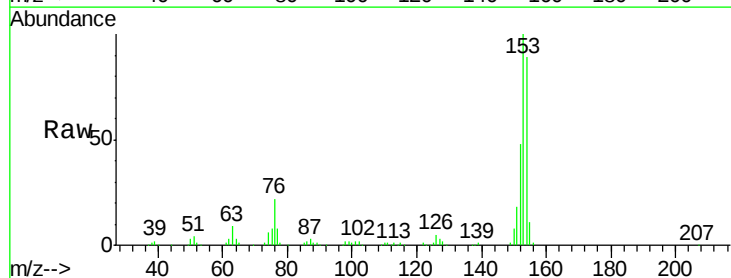
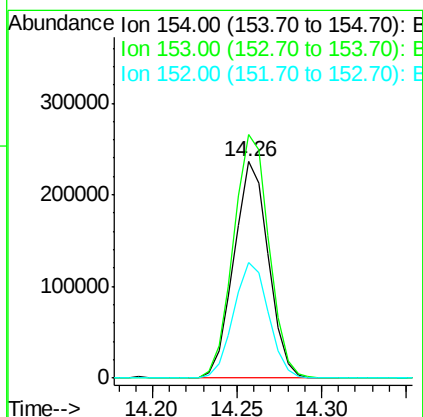
Manual Integrations
APPROVED

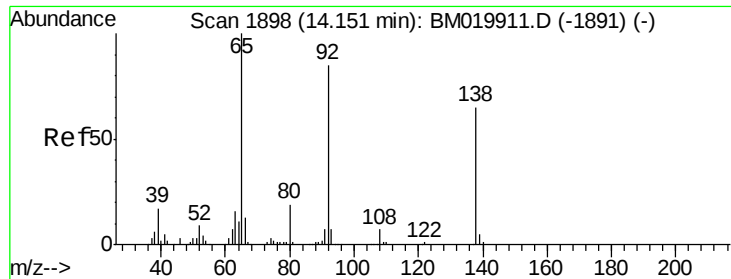
Sohil
4/17/2019 4:05:17 PM



#52
Acenaphthene
Concen: 16.816 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	336626		
153	112.5	91.0	136.4	
152	53.7	42.2	63.2	





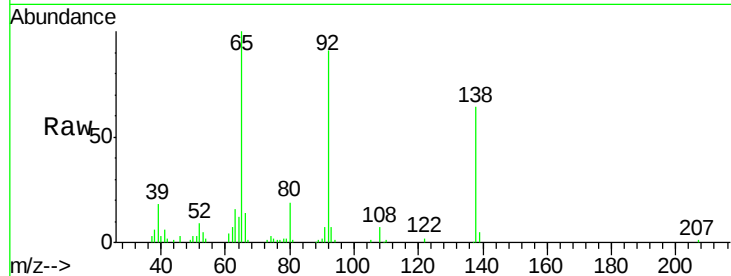
#53
3-Nitroaniline
Concen: 15.395 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

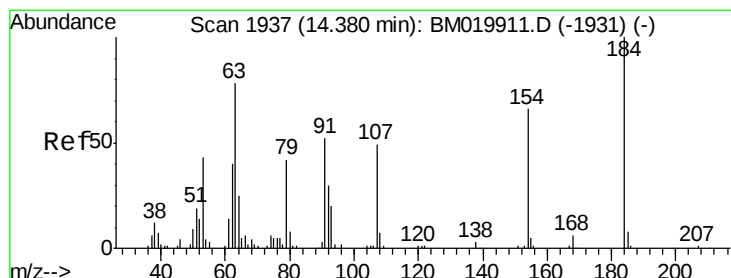
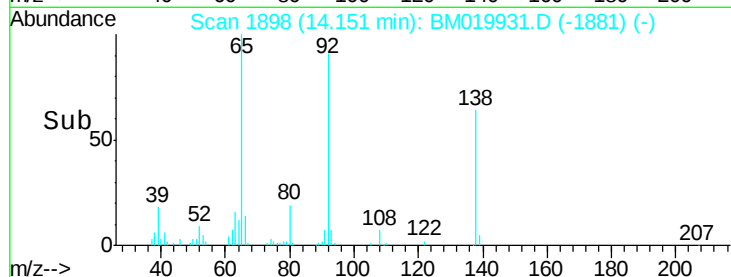
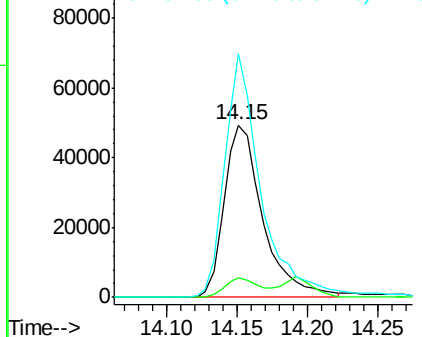
Tgt Ion:138 Resp: 94175
Ion Ratio Lower Upper
138 100
108 11.4 8.9 13.3
92 141.2 103.8 155.8

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



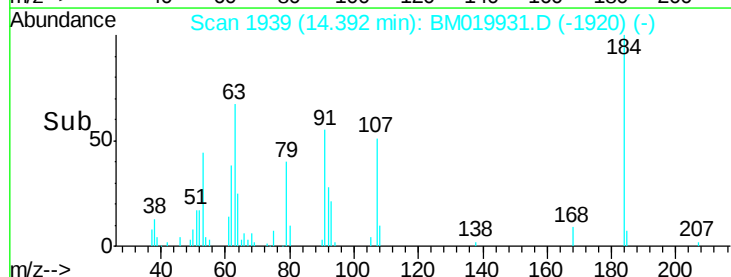
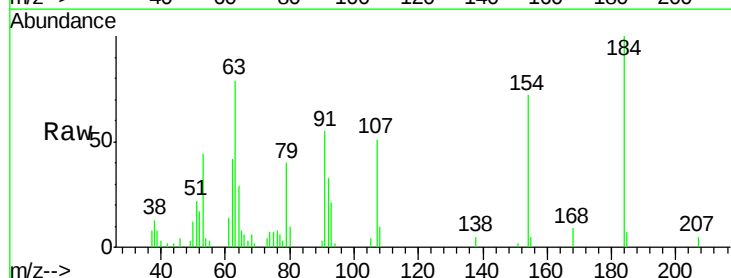
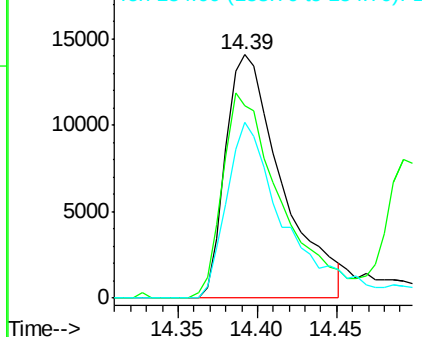
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

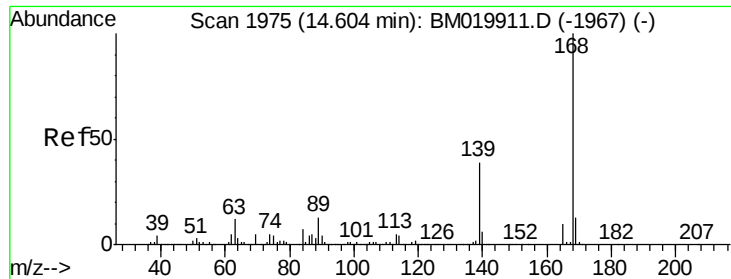


#54
2,4-Dinitrophenol
Concen: 16.076 ng
RT: 14.39 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion:184 Resp: 34698
Ion Ratio Lower Upper
184 100
63 79.1 62.3 93.5
154 72.4 53.0 79.6

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





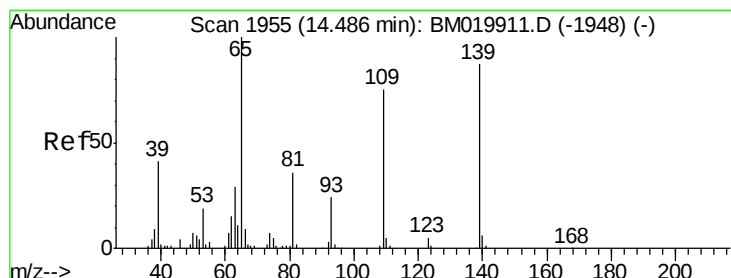
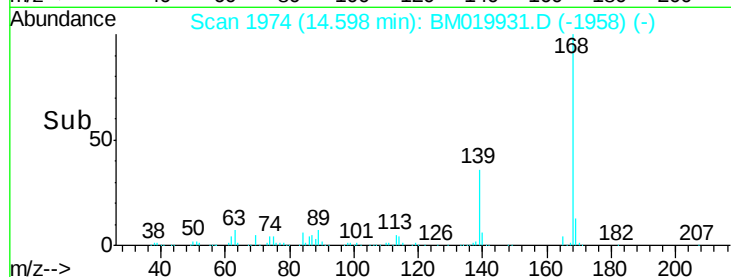
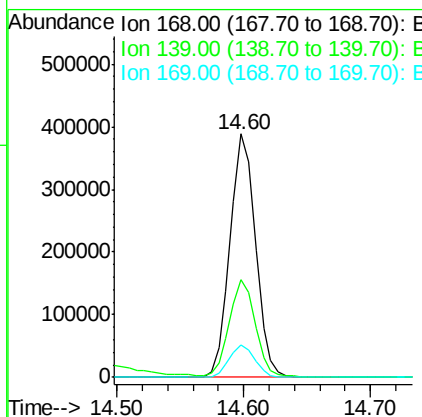
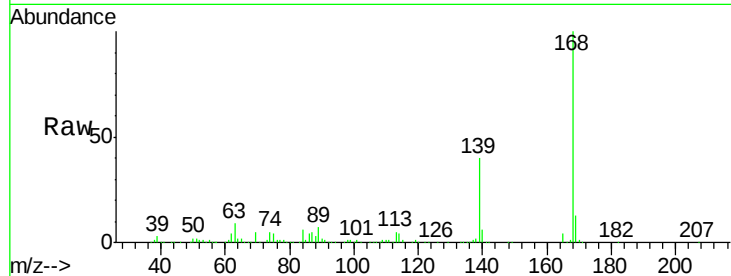
#55
Dibenzenofuran
Concen: 16.568 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	542348		
139	40.0	31.5	47.3	
169	13.1	10.6	16.0	

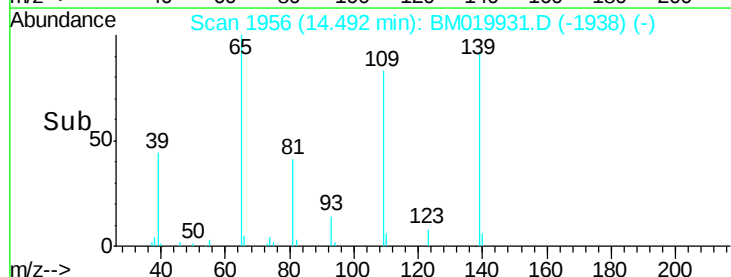
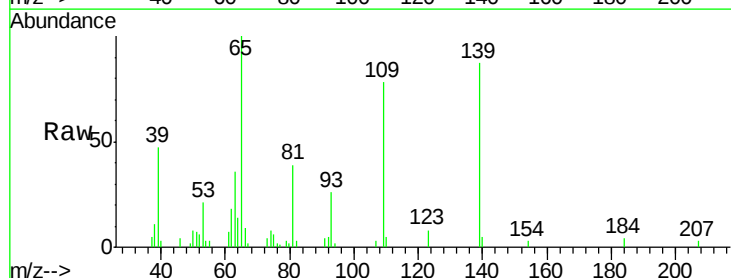
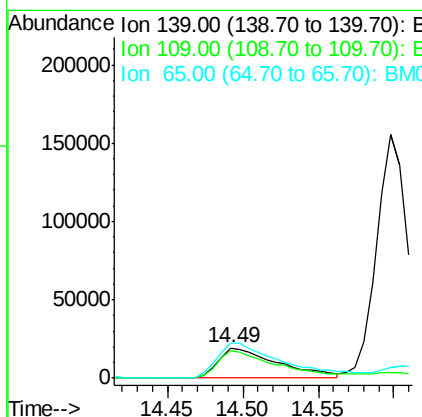
Manual Integrations
APPROVED

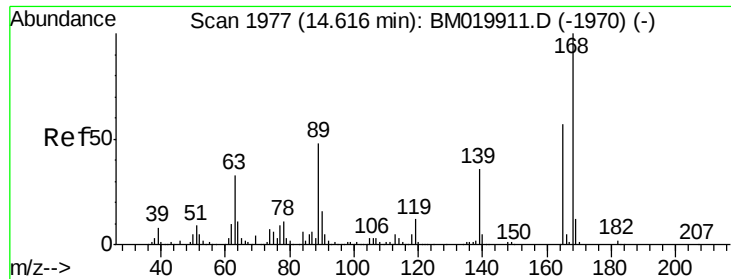
Sohil
4/17/2019 4:05:17 PM



#56
4-Nitrophenol
Concen: 16.128 ng m
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	53482		
109	90.2	65.3	105.3	
65	115.1	94.9	134.9	





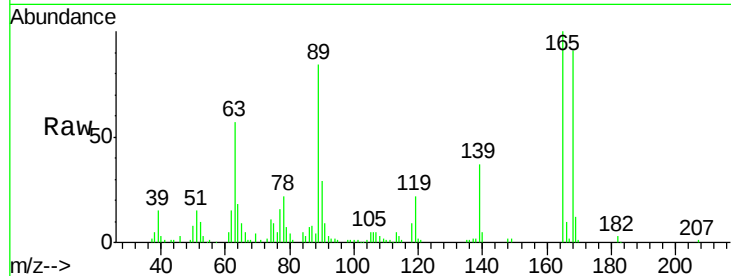
#57
 2,4-Dinitrotoluene
 Concen: 15.381 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	135445		
63	56.7	46.0	69.0	
89	84.1	67.5	101.3	
182	2.8	2.4	3.6	

Manual Integrations
 APPROVED

Sohil
 4/17/2019 4:05:17 PM

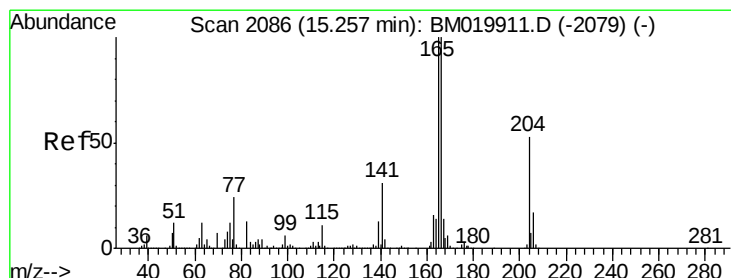
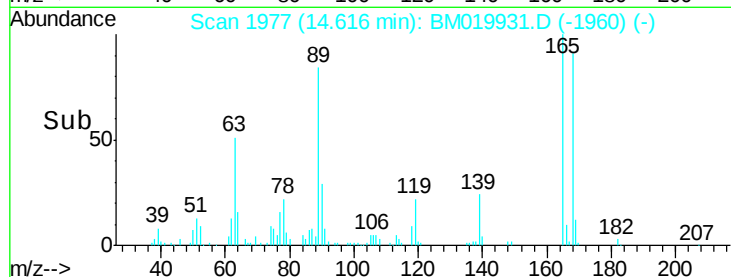
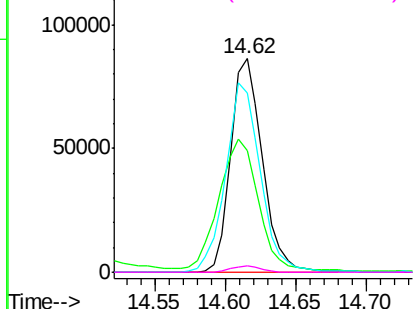


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM019931.D (-1960) (-)

Ion 89.00 (88.70 to 89.70): BM019931.D (-1960) (-)

Ion 182.00 (181.70 to 182.70): E



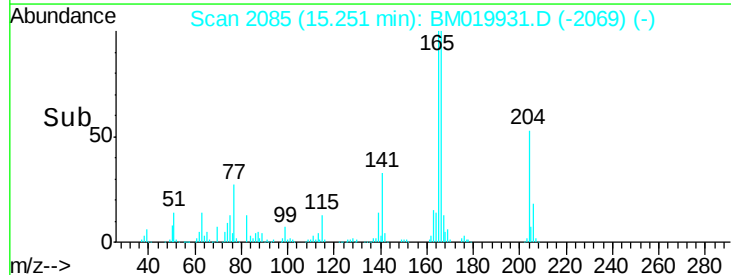
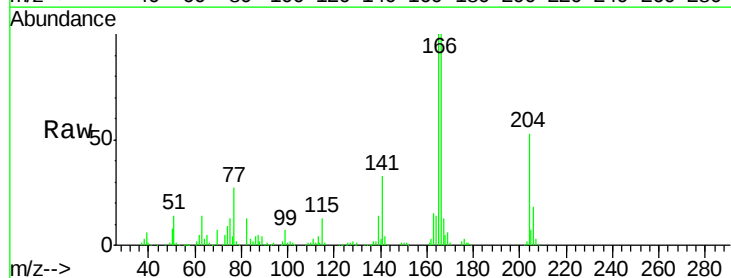
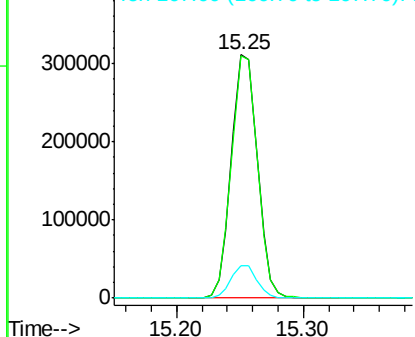
#58
 Fluorene
 Concen: 15.979 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

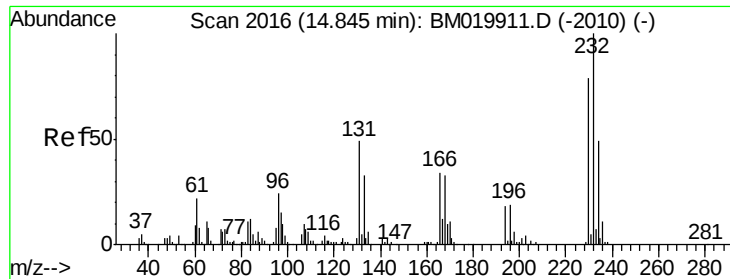
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	443238		
165	99.6	80.1	120.1	
167	13.4	11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





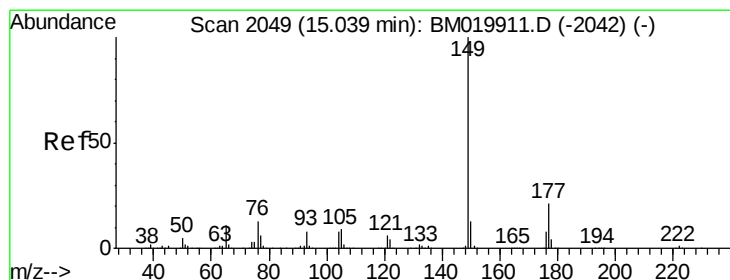
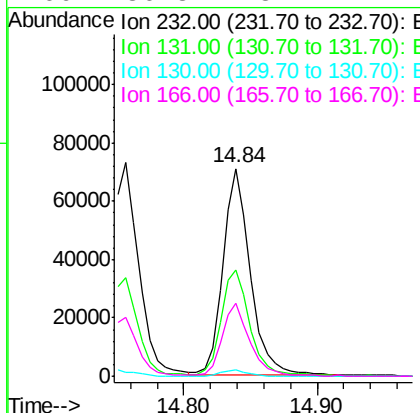
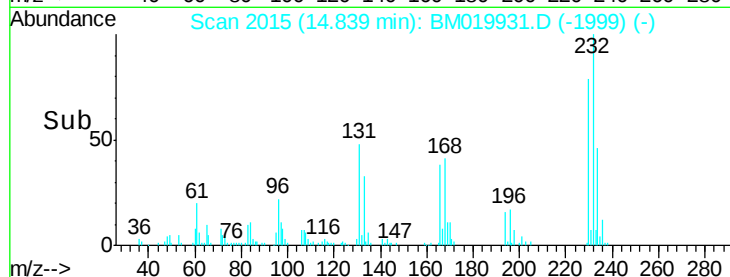
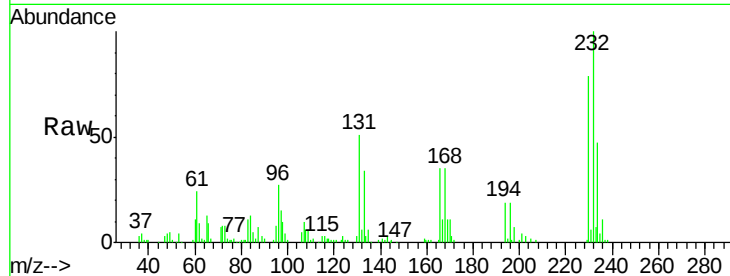
#59
2,3,4,6-Tetrachlorophenol
Concen: 16.195 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	101033		
131	55.2	42.1	63.1	
130	2.9	2.2	3.4	
166	36.3	28.1	42.1	

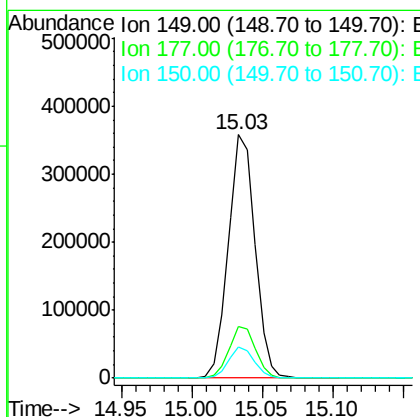
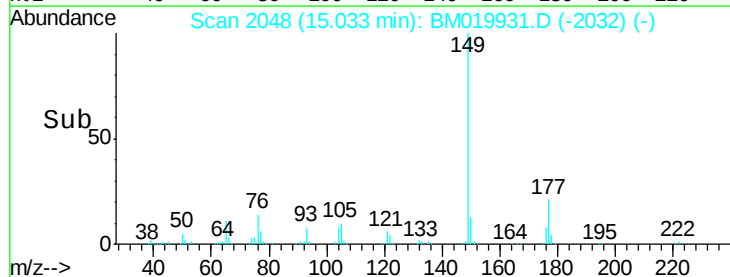
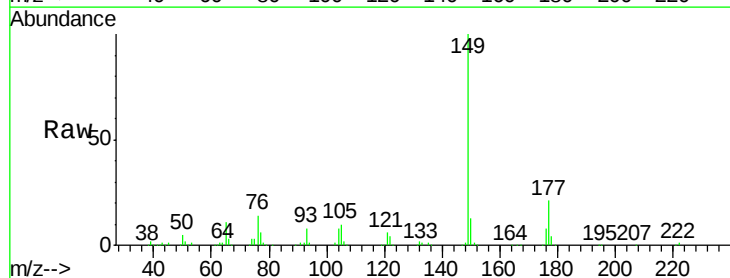
Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#60
Diethylphthalate
Concen: 16.378 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	471912		
177	21.2	16.6	25.0	
150	12.6	10.0	15.0	





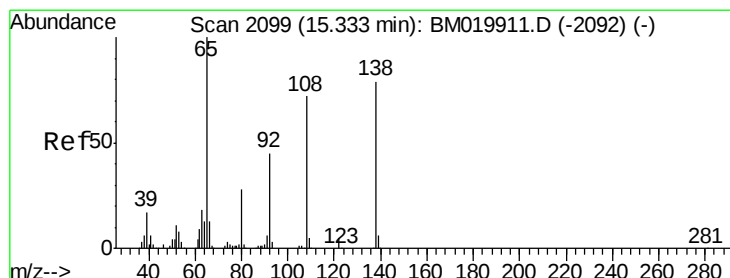
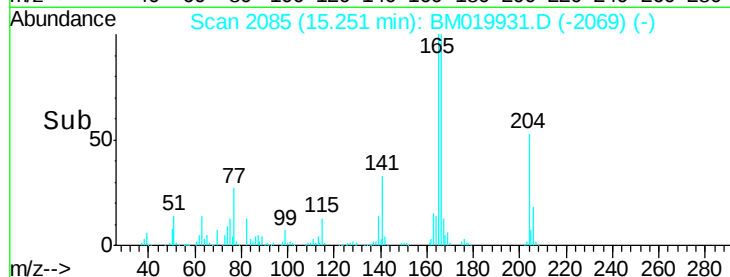
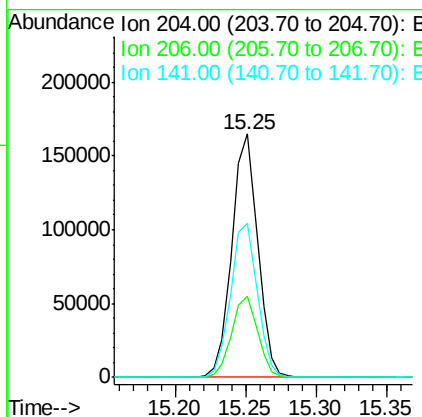
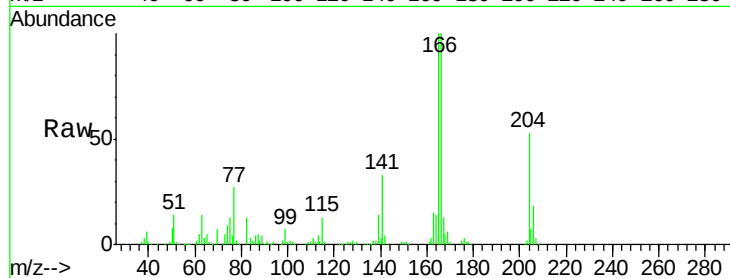
#61
4-Chlorophenyl-phenylether
Concen: 15.833 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	211453		
206	33.0	25.8	38.8	
141	63.2	47.0	70.4	

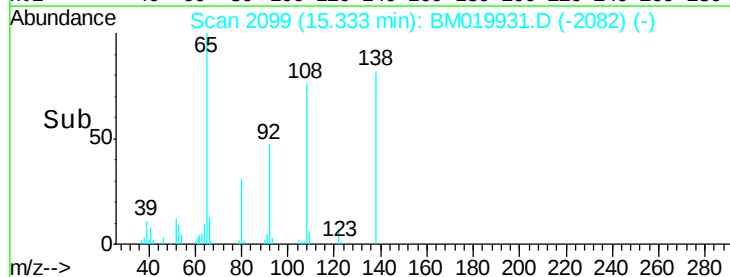
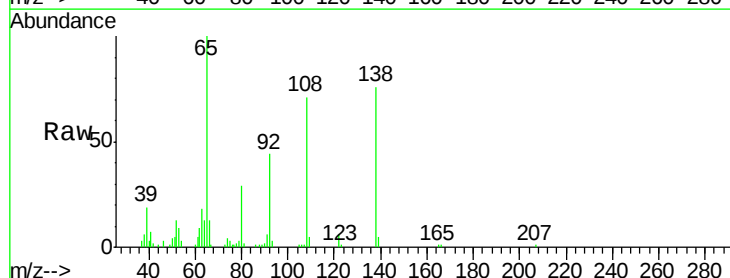
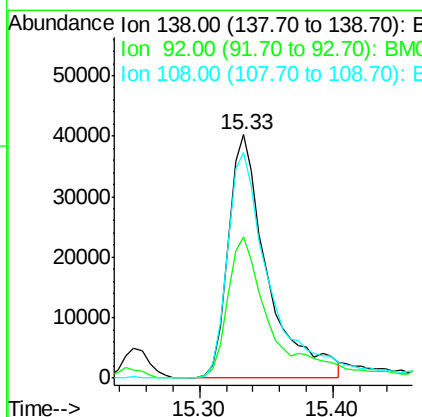
Manual Integrations
APPROVED

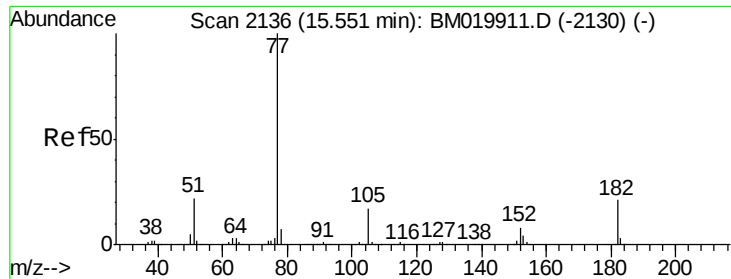
Sohil
4/17/2019 4:05:17 PM



#62
4-Nitroaniline
Concen: 13.709 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	82625		
92	58.0	36.8	76.8	
108	92.4	71.5	111.5	





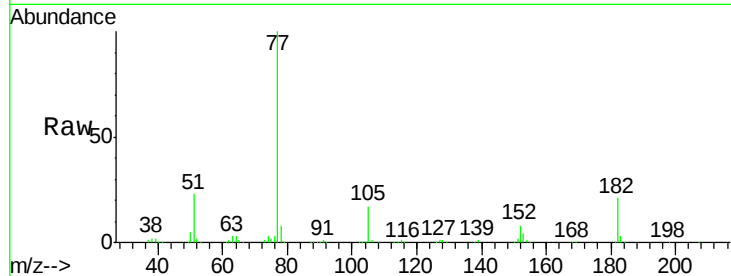
#63
Azobenzene
Concen: 16.688 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	513925		
182	20.8	1.0	41.0	
105	17.3	0.0	37.1	
51	22.7	2.1	42.1	

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM

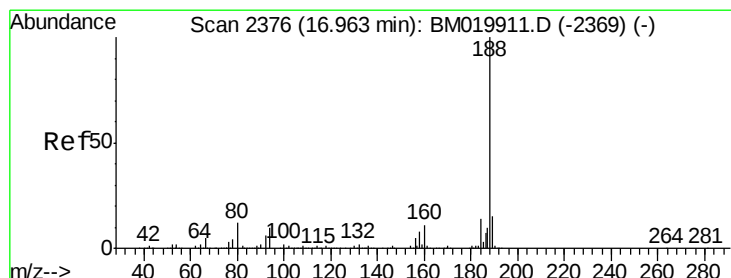
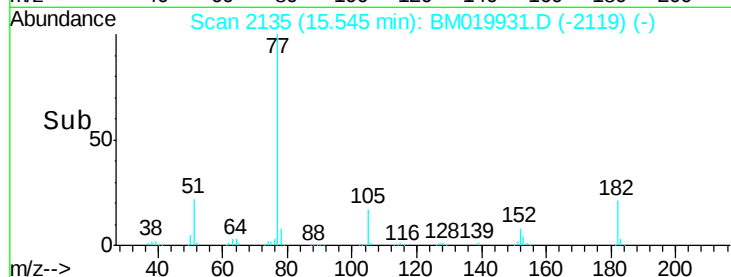
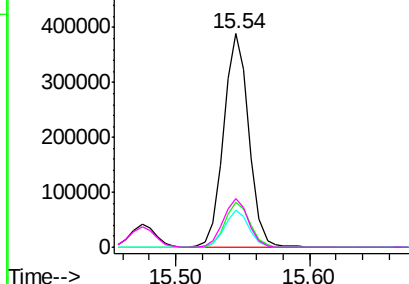


Abundance Ion 77.00 (76.70 to 77.70): BM019931.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM019931.D (-2130) (-)

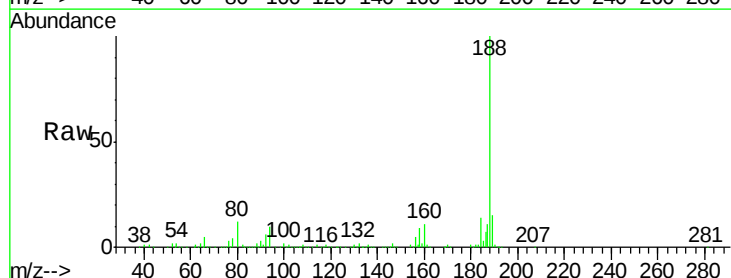
Ion 105.00 (104.70 to 105.70): BM019931.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019931.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

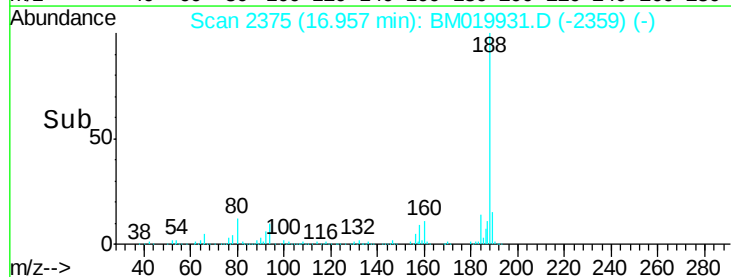
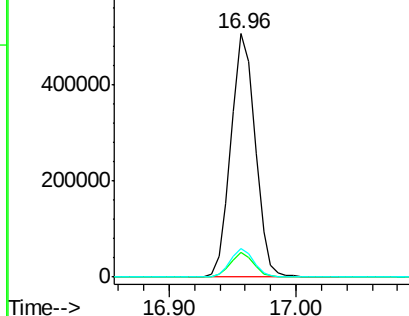
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	669019		
94	9.9	7.6	11.4	
80	12.0	9.4	14.0	

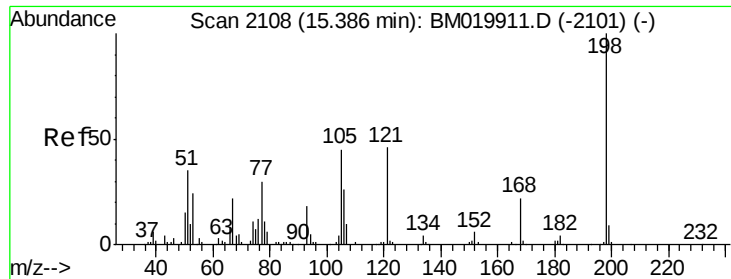


Abundance Ion 188.00 (187.70 to 188.70): BM019931.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019931.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019931.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 13.785 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

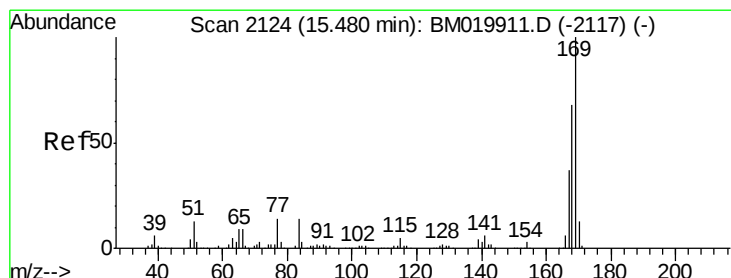
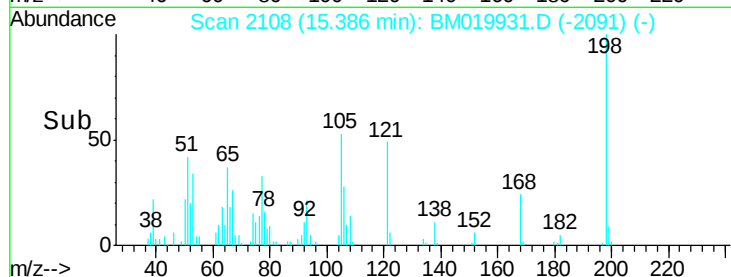
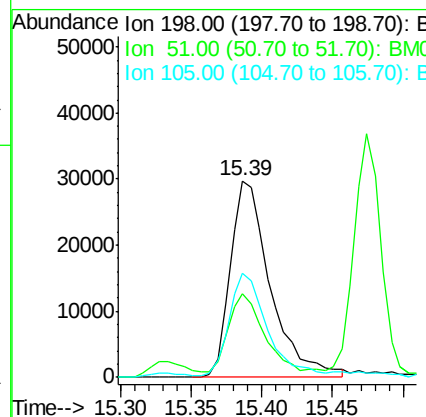
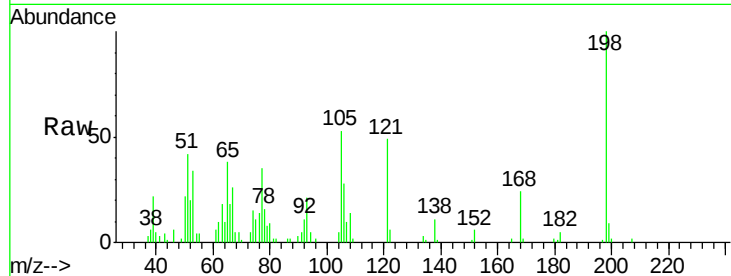
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	198	Resp:	58843
Ion Ratio	Lower	Upper	
198	100		
51	42.3	17.9	57.9
105	52.8	26.1	66.1

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#66

n-Nitrosodiphenylamine

Concen: 16.904 ng

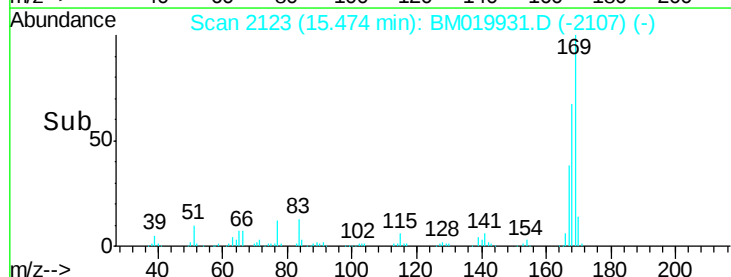
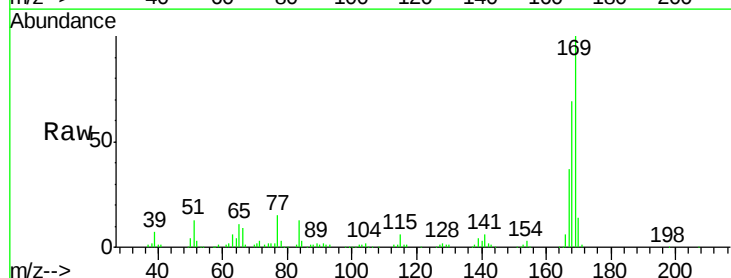
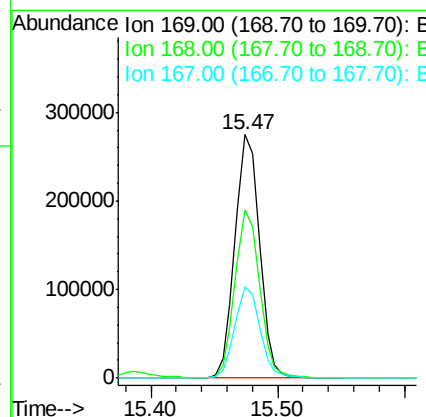
RT: 15.47 min Scan# 2123

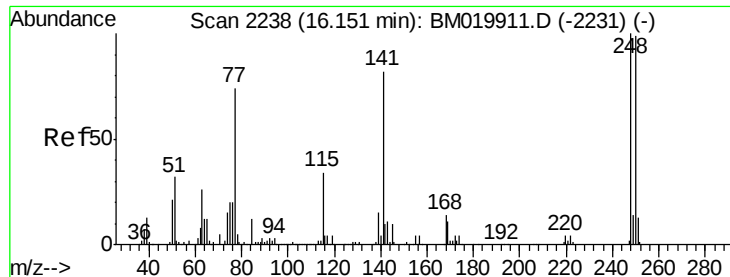
Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	169	Resp:	369730
Ion Ratio	Lower	Upper	
169	100		
168	69.2	54.7	82.1
167	37.4	29.4	44.0





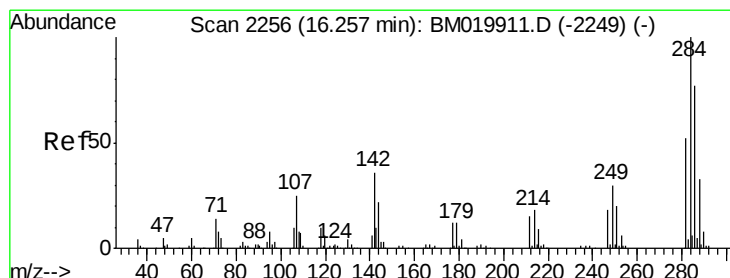
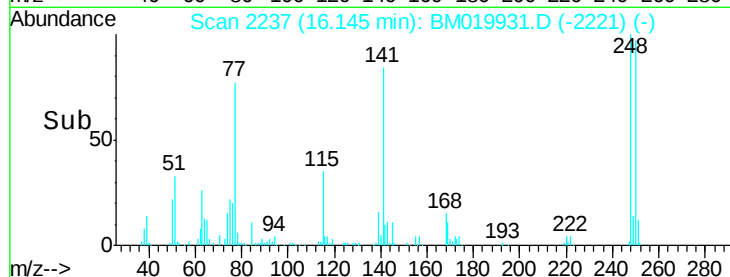
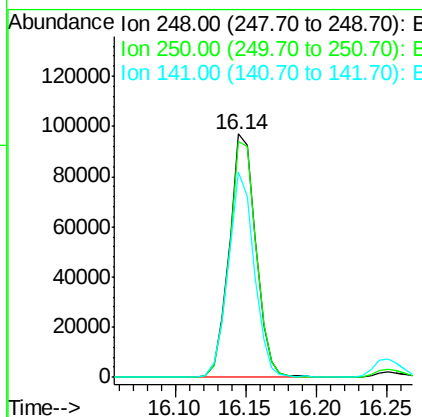
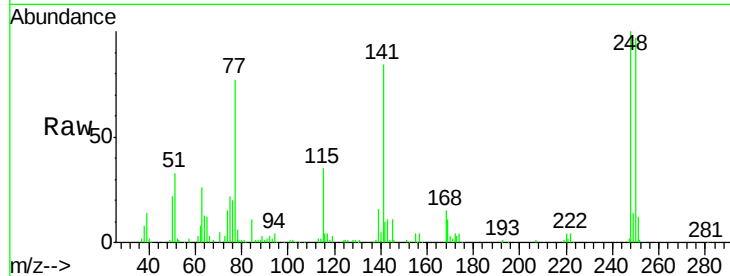
#67
 4-Bromophenyl-phenylether
 Concen: 16.571 ng
 RT: 16.14 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.9	118.3
141	84.2	65.6	98.4

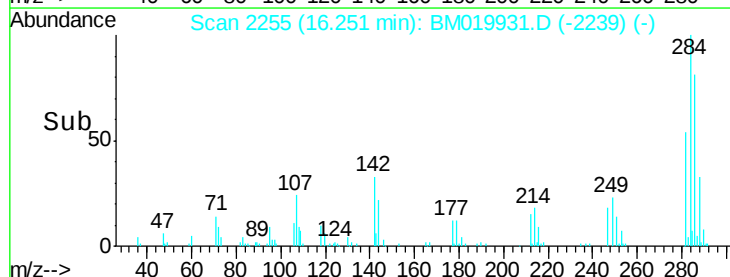
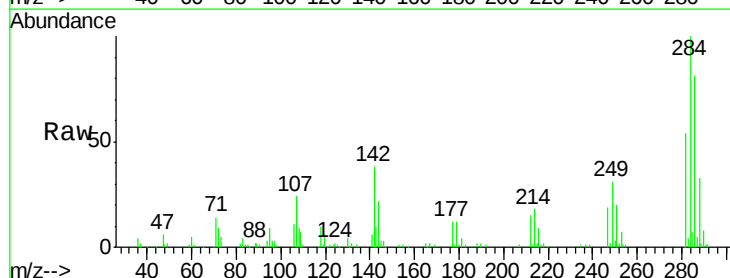
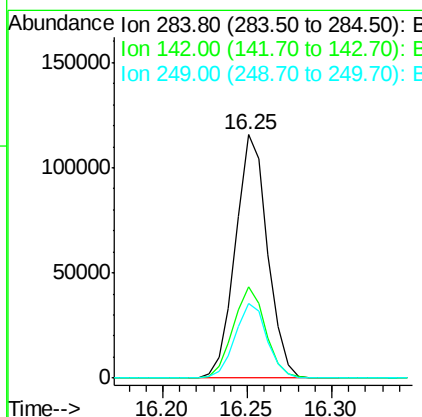
Manual Integrations
 APPROVED

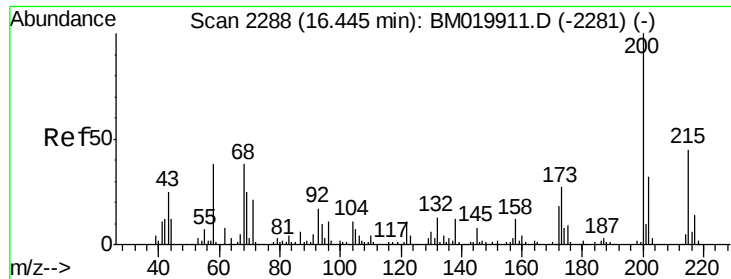
Sohil
 4/17/2019 4:05:17 PM



#68
 Hexachlorobenzene
 Concen: 16.598 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	28.9	43.3
249	30.5	23.8	35.6





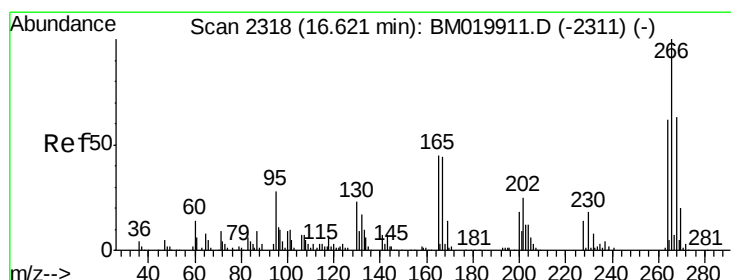
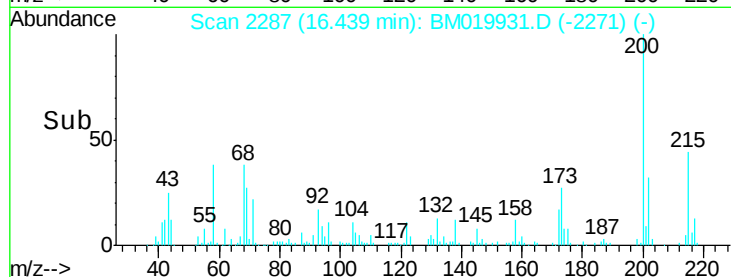
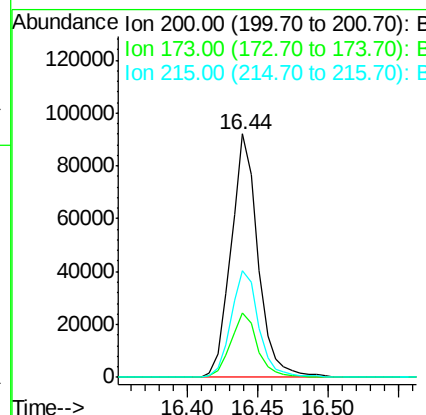
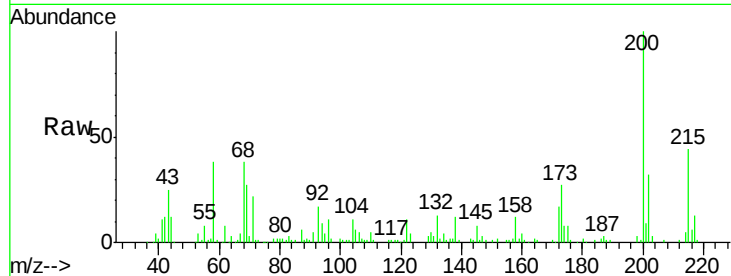
#69
 Atrazine
 Concen: 16.475 ng
 RT: 16.44 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	122323		
173	26.5	7.2	47.2	
215	44.1	25.4	65.4	

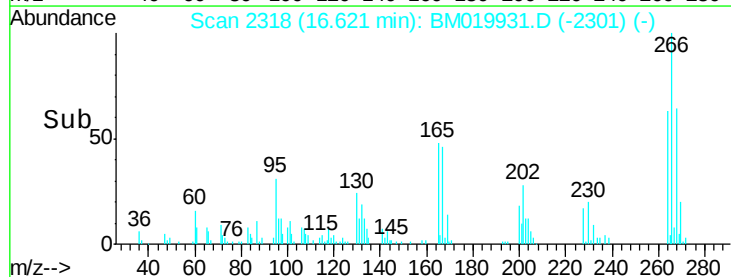
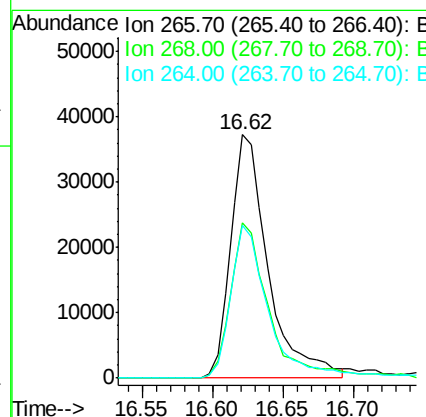
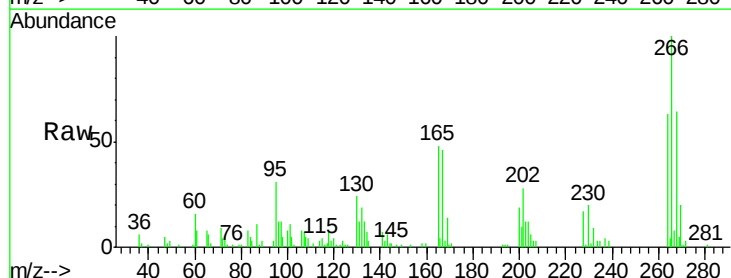
Manual Integrations
 APPROVED

Sohil
 4/17/2019 4:05:17 PM



#70
 Pentachlorophenol
 Concen: 14.626 ng
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68970		
268	63.5	50.3	75.5	
264	62.6	49.8	74.8	





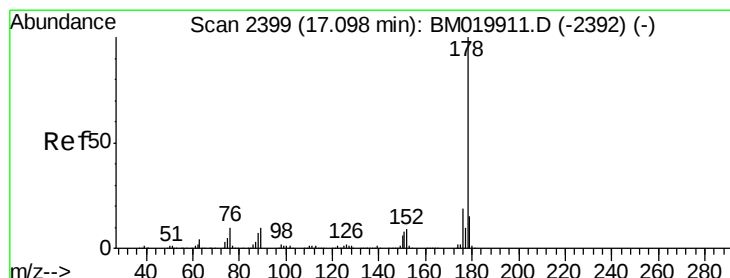
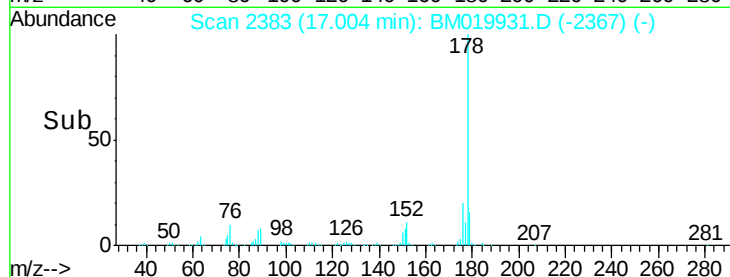
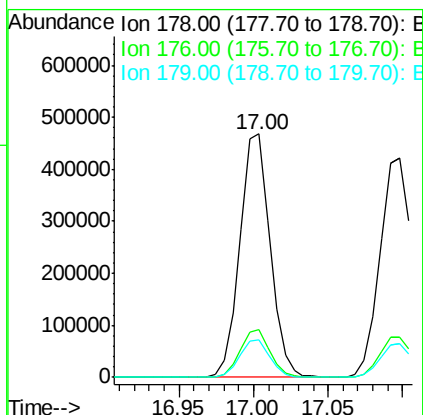
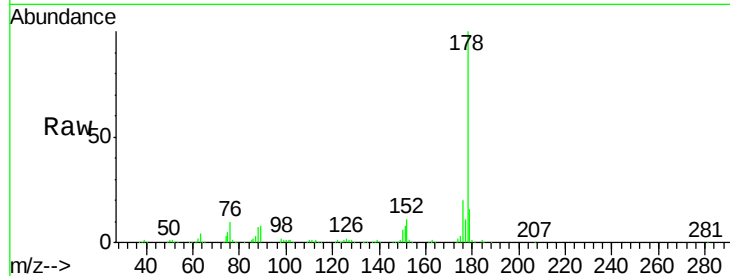
#71
Phenanthrene
Concen: 16.640 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:178 Resp: 660643
Ion Ratio Lower Upper
178 100
176 19.9 15.2 22.8
179 15.5 12.2 18.4

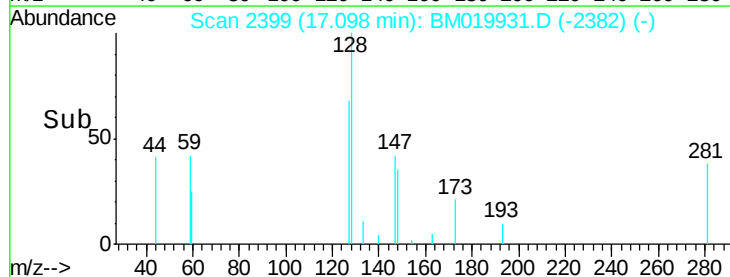
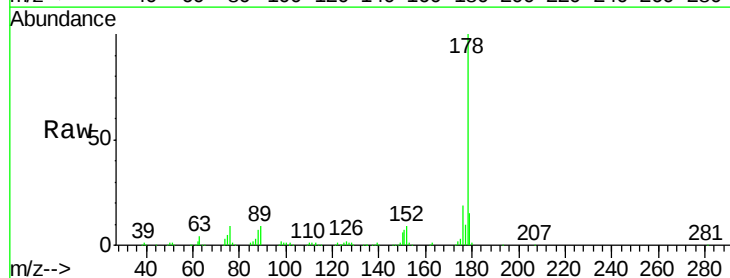
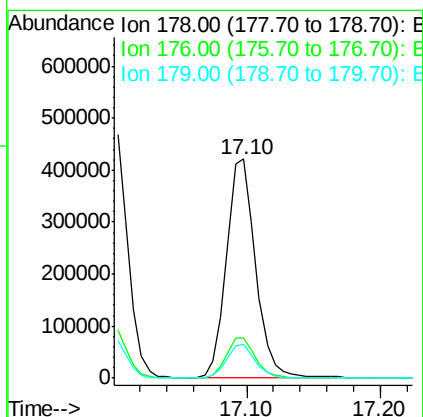
Manual Integrations
APPROVED

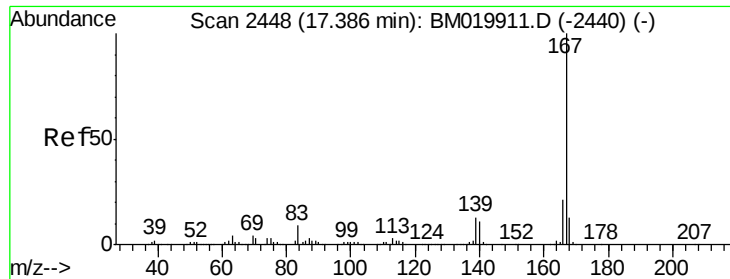
Sohil
4/17/2019 4:05:17 PM



#72
Anthracene
Concen: 16.238 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion:178 Resp: 641728
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.3 12.2 18.4





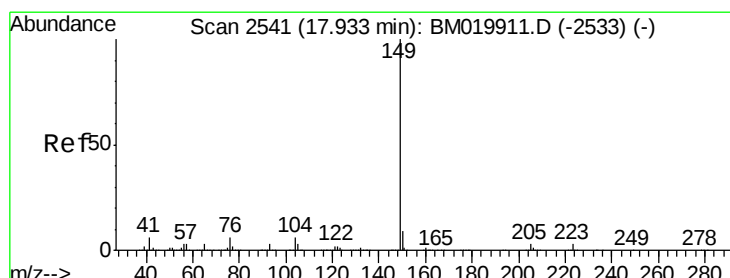
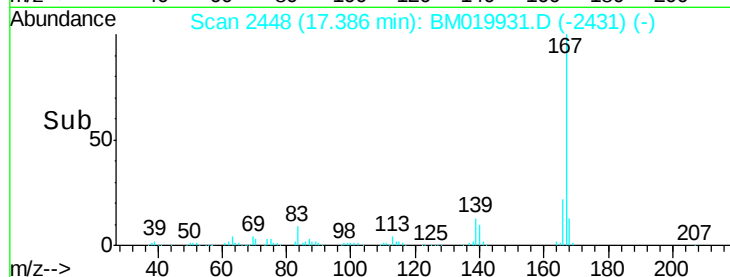
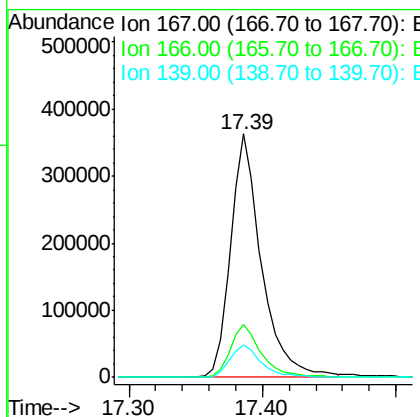
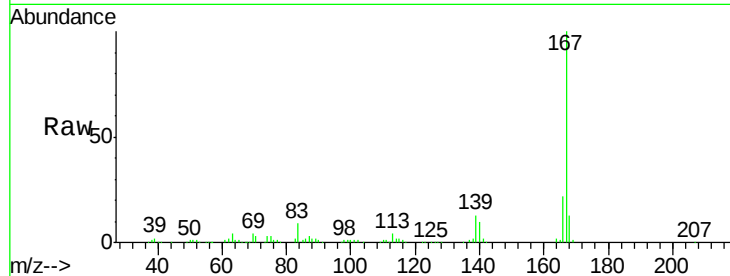
#73
 Carbazole
 Concen: 15.833 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	584191		
166	22.0		17.2	25.8
139	13.5		10.7	16.1

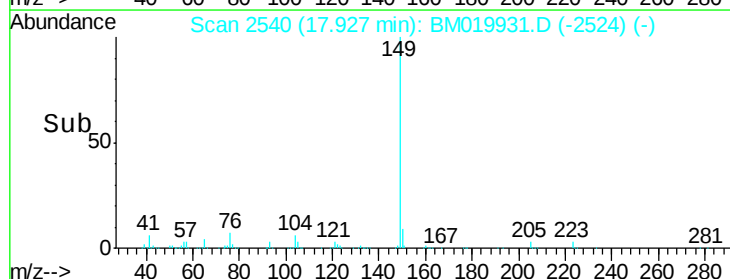
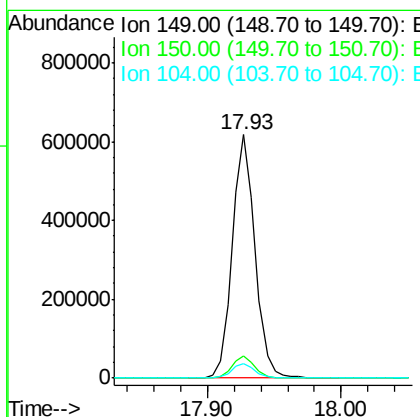
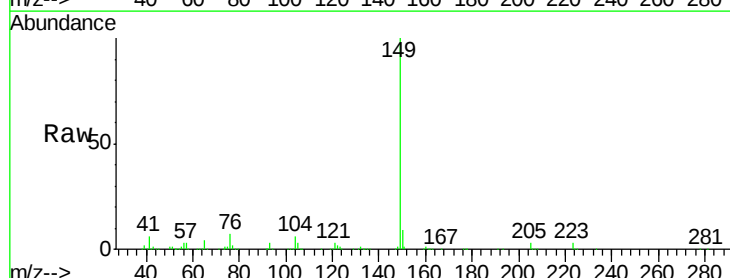
Manual Integrations
 APPROVED

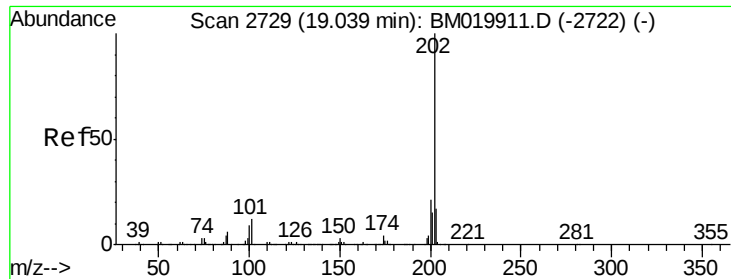
Sohil
 4/17/2019 4:05:17 PM



#74
 Di-n-butylphthalate
 Concen: 15.121 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	732702		
150	9.2		7.2	10.8
104	6.1		4.6	7.0





#75

Fluoranthene

Concen: 15.423 ng

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

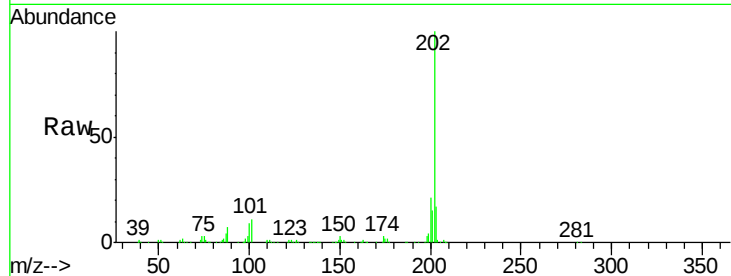
ClientSampleId :

LOQ-WATER-02-QT1-2019

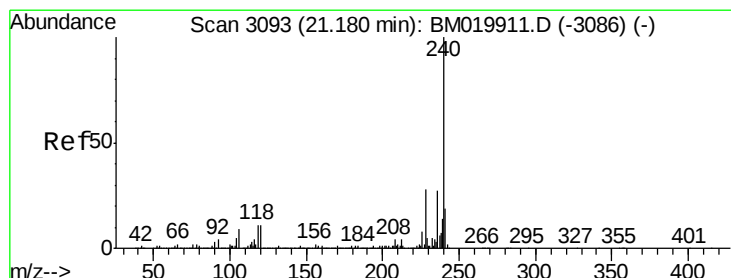
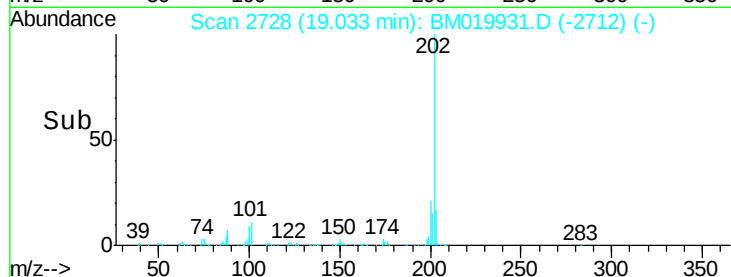
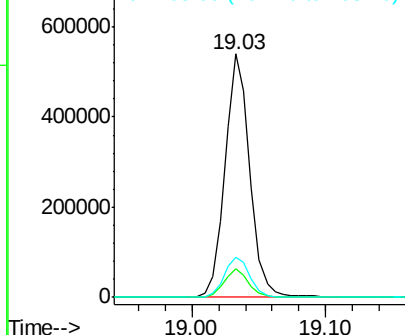
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		704658		
101	11.5	0.0	31.7		
203	16.6	0.0	37.4		

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

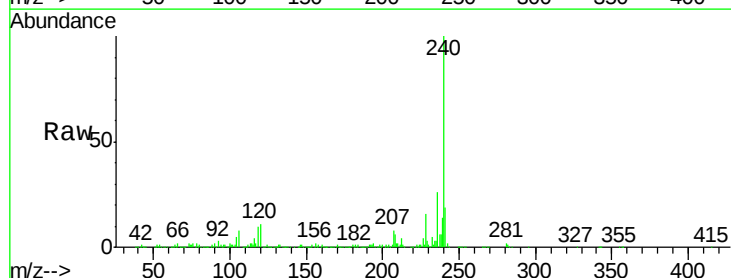
RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

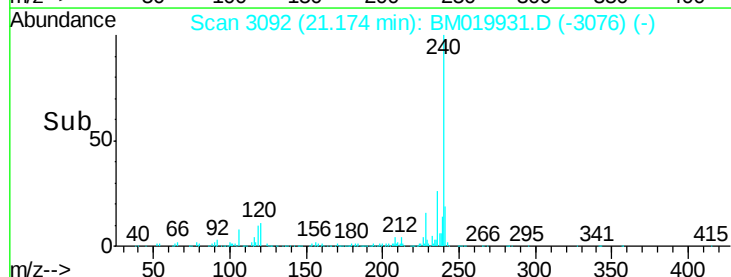
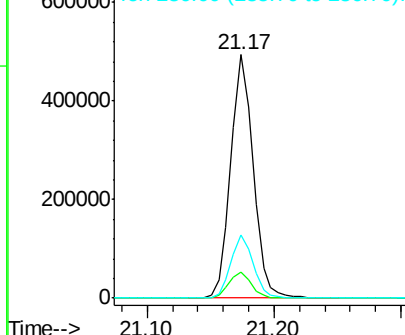
Lab File: BM019931.D

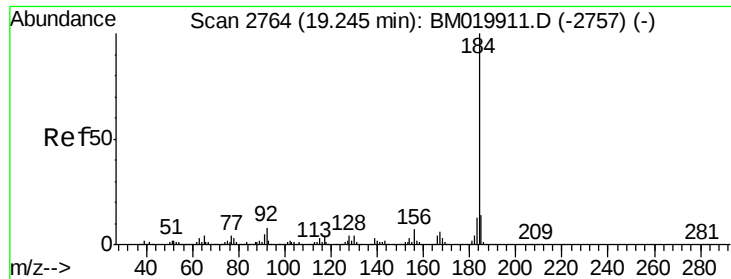
Acq: 16 Apr 2019 13:35

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		605754		
120	10.7	8.6	13.0		
236	26.1	21.4	32.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





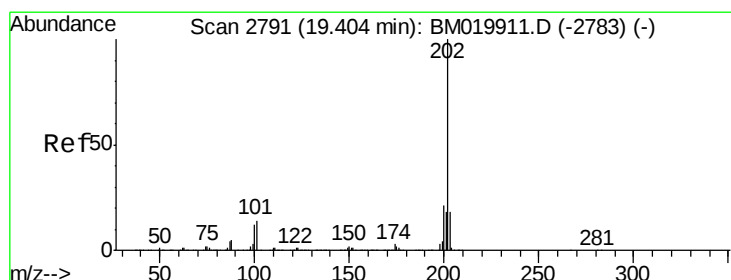
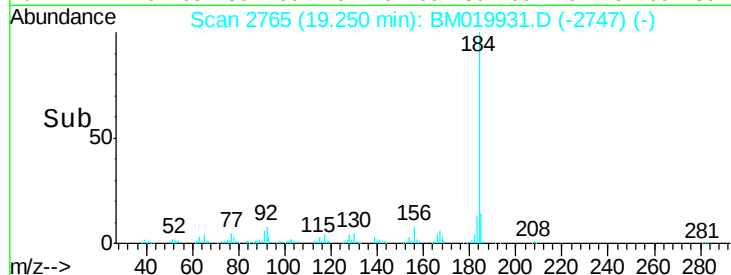
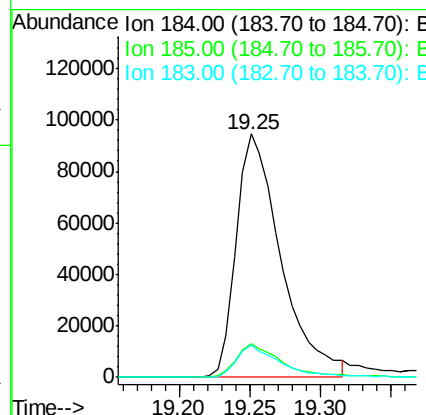
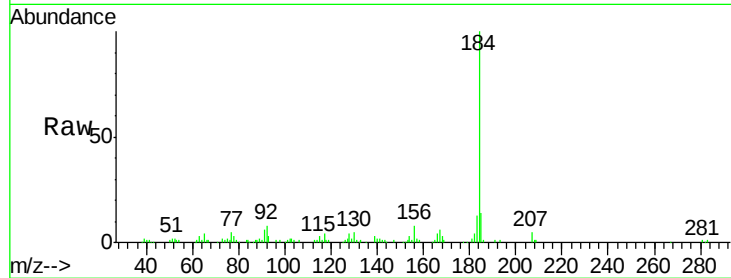
#77
Benzidine
Concen: 12.544 ng
RT: 19.25 min Scan# 2765
Delta R.T. 0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	209654		
185	13.9	11.0	16.6	
183	13.4	10.1	15.1	

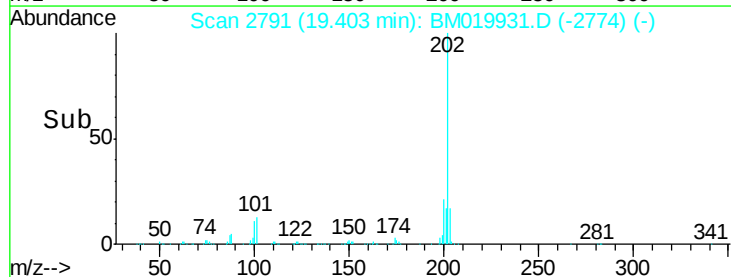
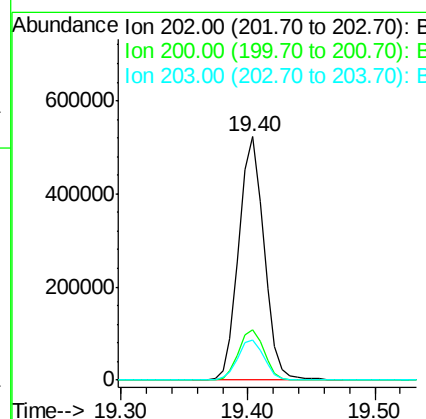
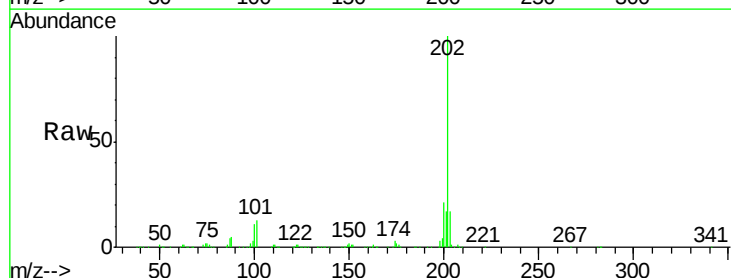
Manual Integrations
APPROVED

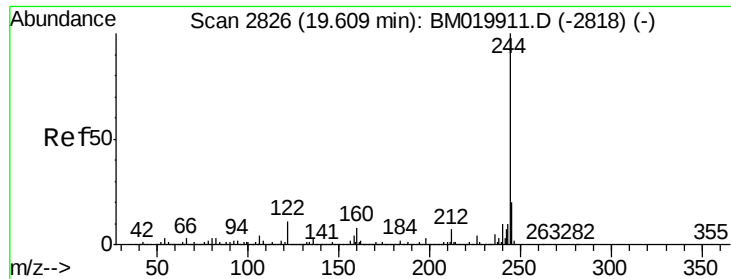
Sohil
4/17/2019 4:05:17 PM



#78
Pyrene
Concen: 18.008 ng
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	722398		
200	20.6	17.0	25.4	
203	16.7	14.0	21.0	





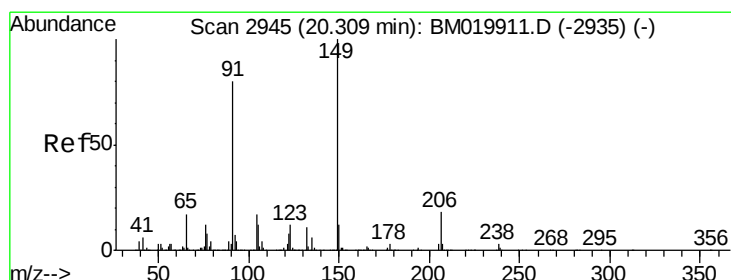
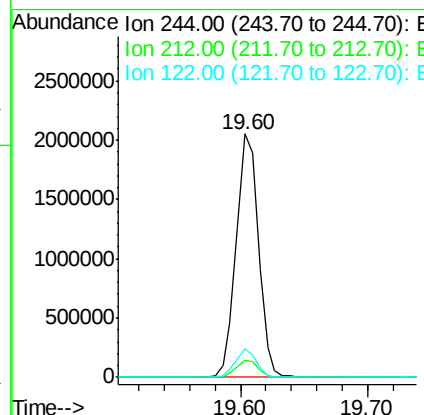
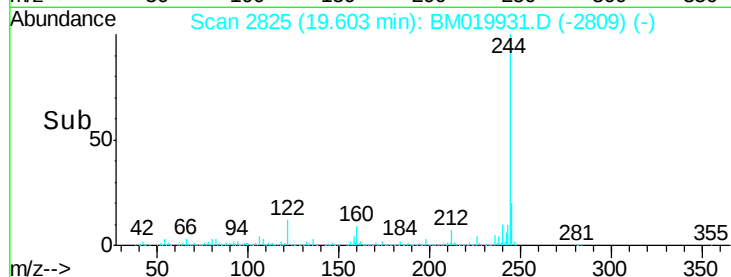
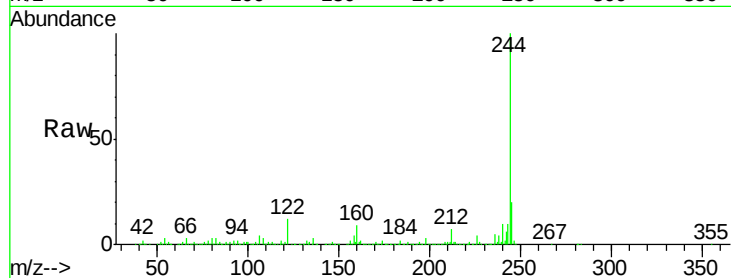
#79
 Terphenyl-d14
 Concen: 72.610 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:244 Resp: 2493657
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.7 9.1 13.7

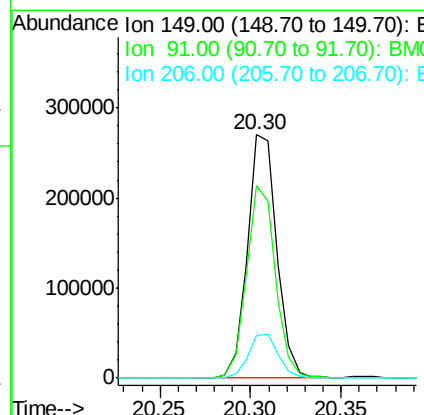
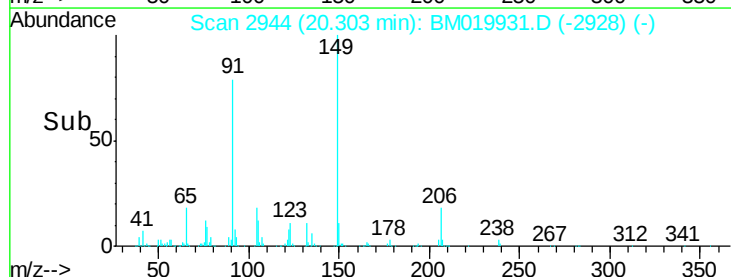
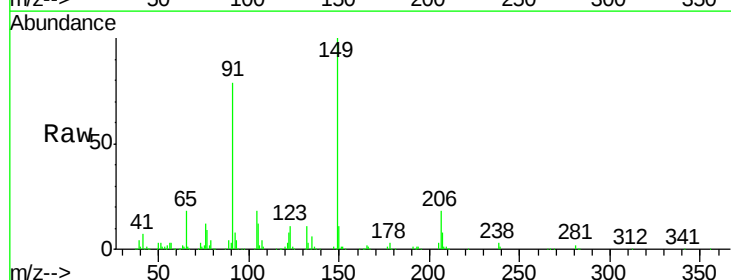
Manual Integrations
 APPROVED

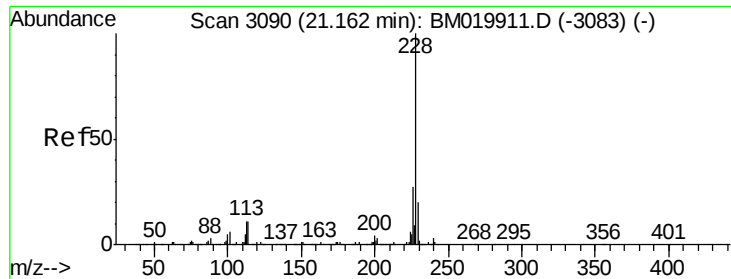
Sohil
 4/17/2019 4:05:17 PM



#80
 Butylbenzylphthalate
 Concen: 15.675 ng
 RT: 20.30 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BM019931.D
 Acq: 16 Apr 2019 13:35

Tgt Ion:149 Resp: 304859
 Ion Ratio Lower Upper
 149 100
 91 79.1 63.7 95.5
 206 17.6 14.6 21.8





#81

Benzo(a)anthracene

Concen: 16.619 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

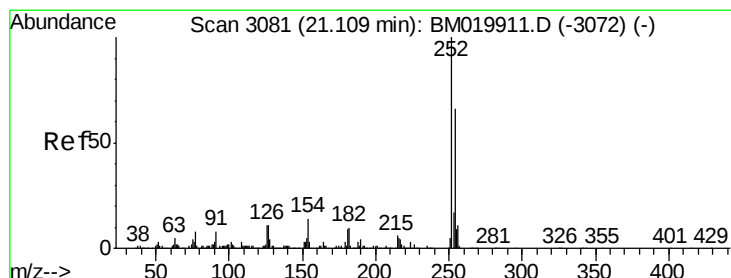
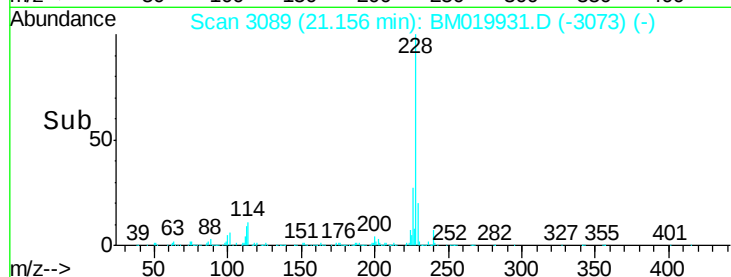
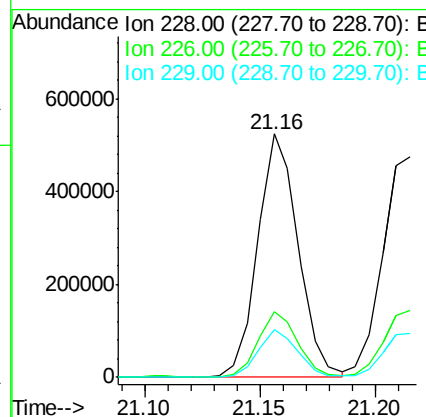
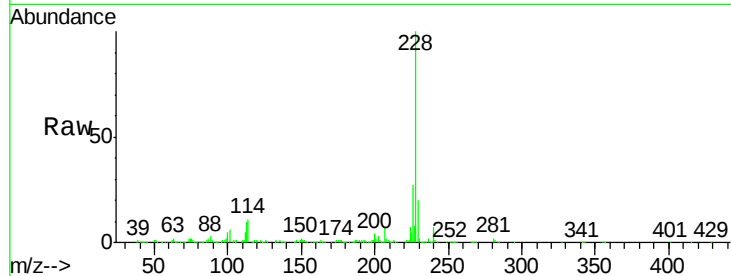
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	228	Resp:	637737
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.6
229	19.6	15.9	23.9

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#82

3,3'-Dichlorobenzidine

Concen: 16.453 ng

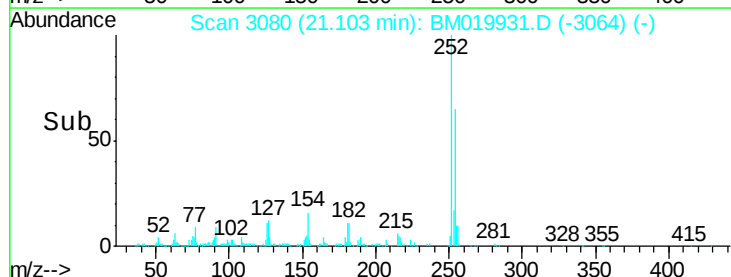
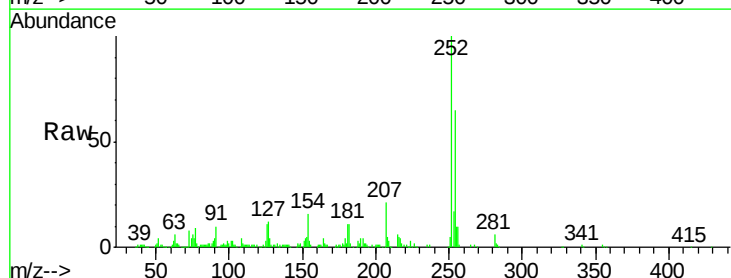
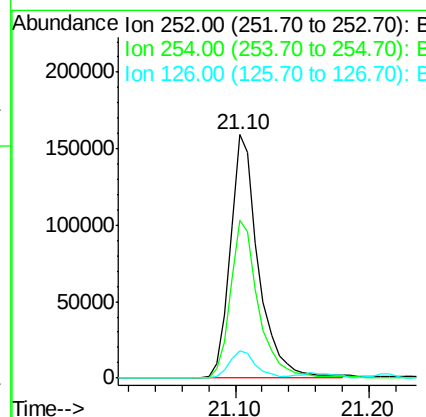
RT: 21.10 min Scan# 3080

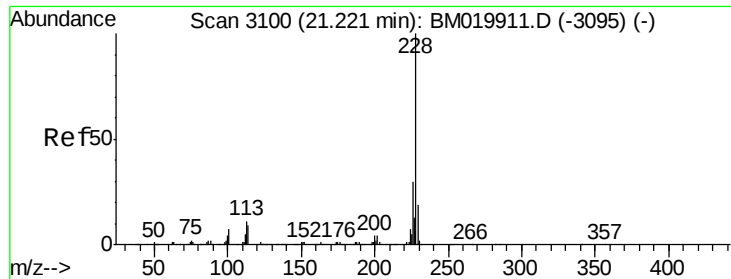
Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	252	Resp:	234899
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.6	78.8
126	11.2	8.6	12.8





#83

Chrysene

Concen: 16.776 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Instrument :

BNA_M

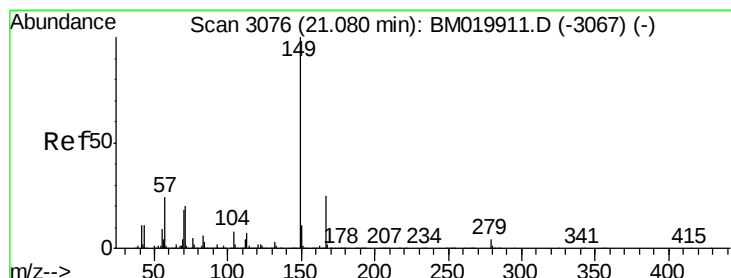
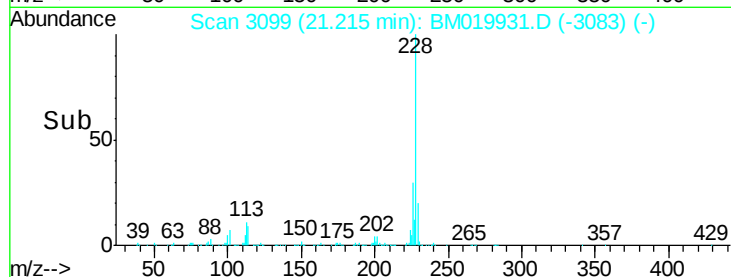
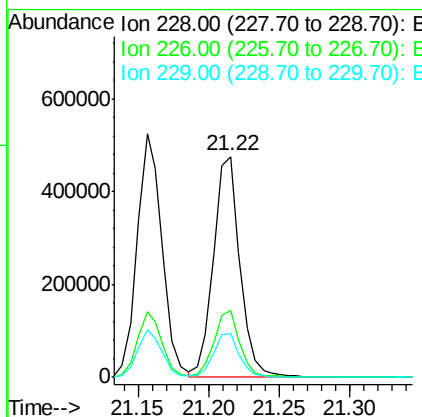
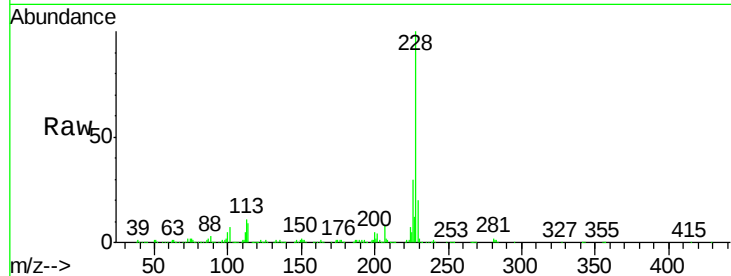
ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	228	Resp:	617349
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	19.7	15.6	23.4

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.800 ng

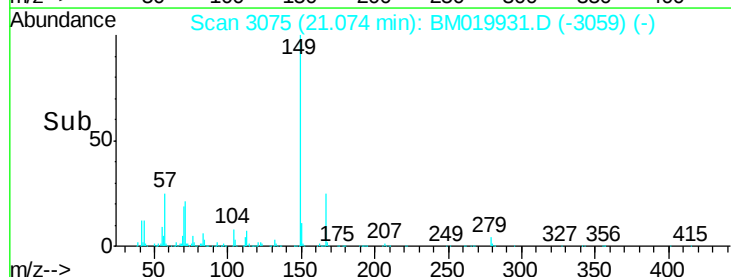
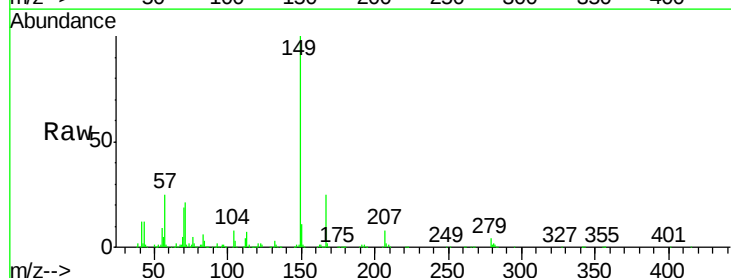
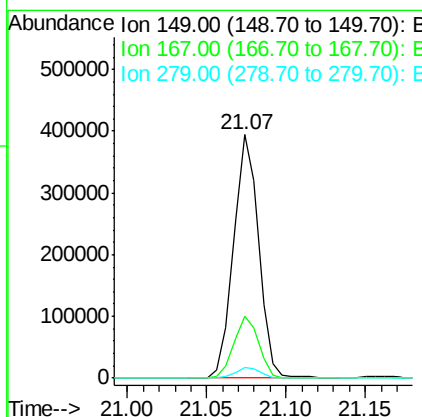
RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019931.D

Acq: 16 Apr 2019 13:35

Tgt Ion:	149	Resp:	428520
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.3	30.5
279	4.3	3.4	5.2





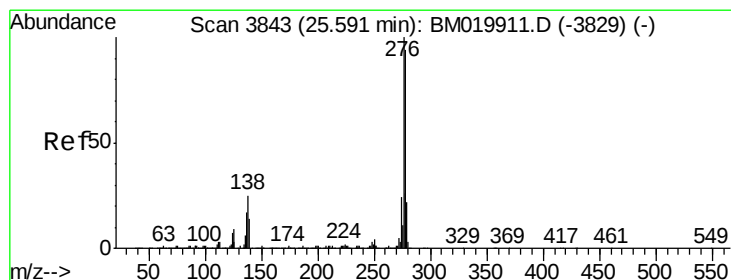
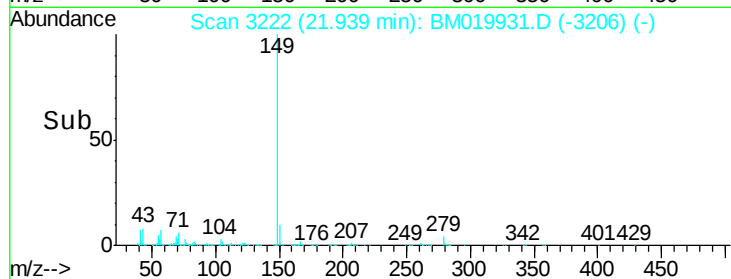
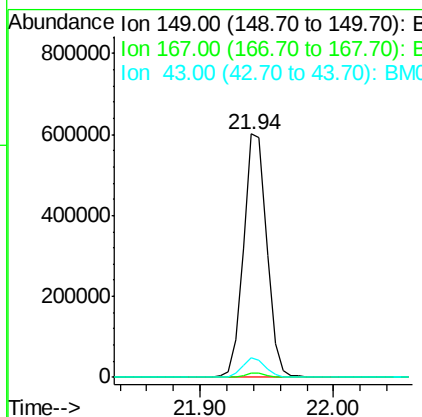
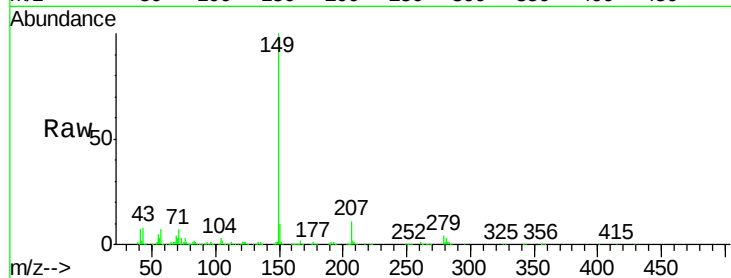
#85
Di-n-octyl phthalate
Concen: 15.189 ng
RT: 21.94 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.0	9.0

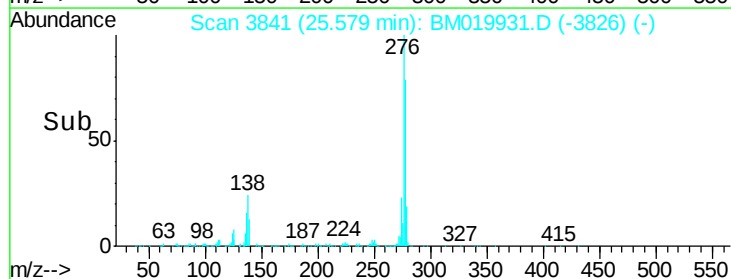
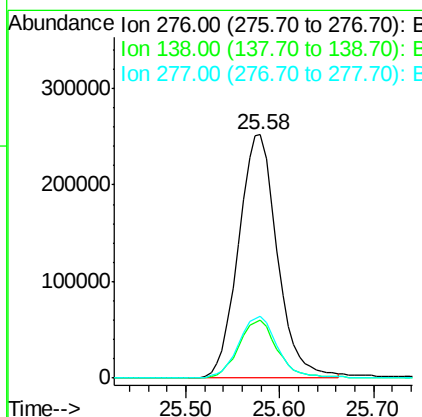
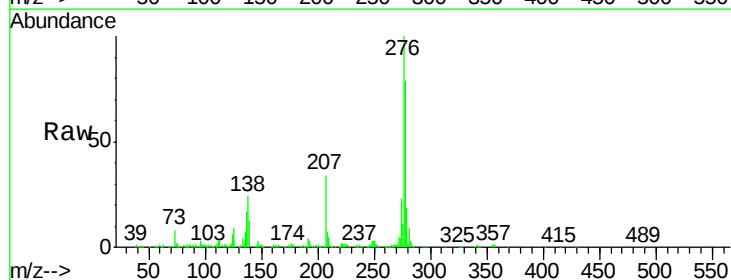
Manual Integrations
APPROVED

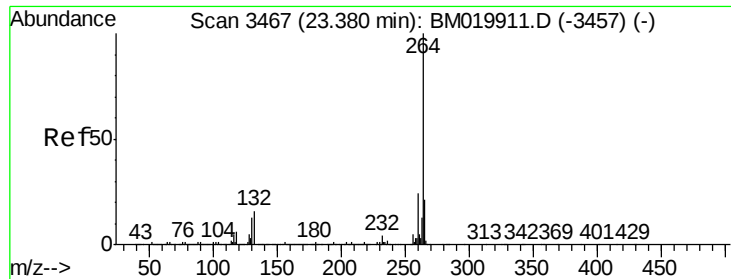
Sohil
4/17/2019 4:05:17 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 19.996 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.8	19.0	28.6
277	25.4	20.3	30.5





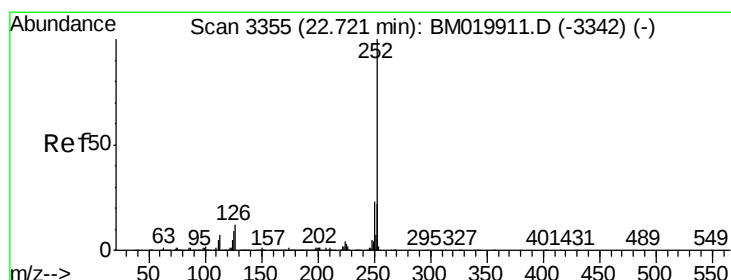
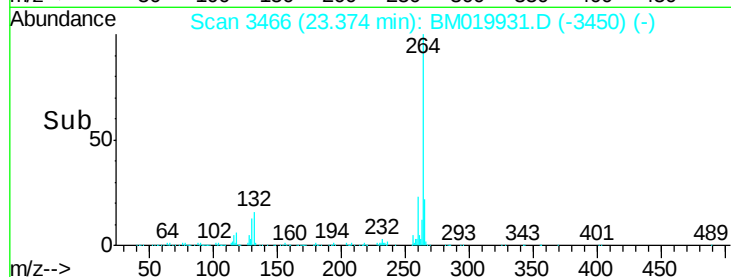
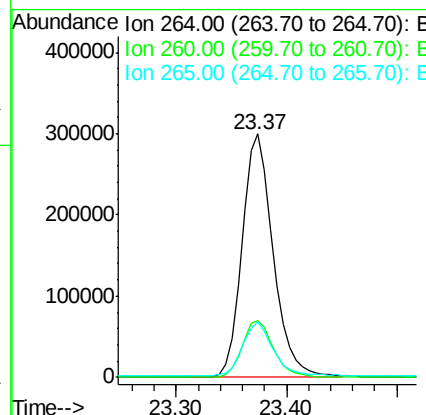
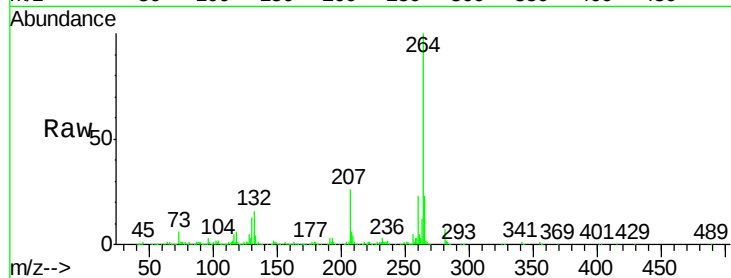
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.2	25.8

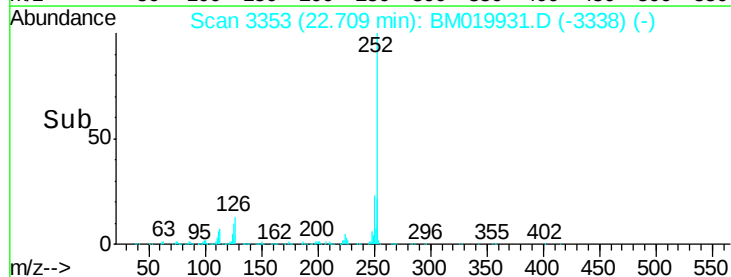
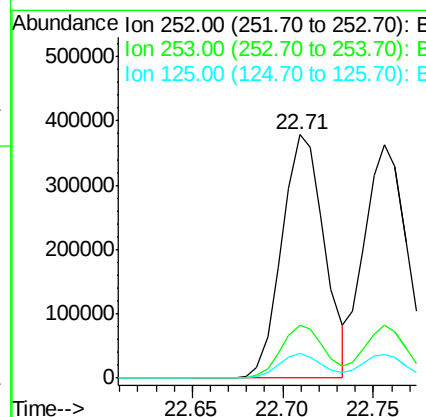
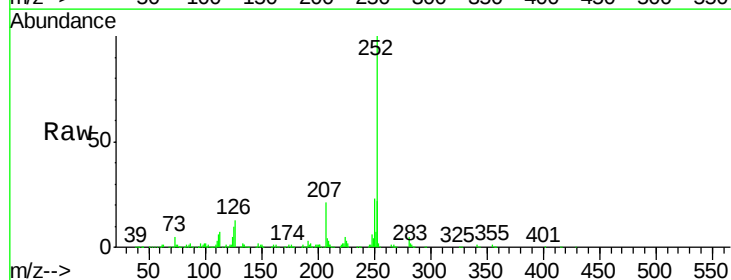
Manual Integrations
APPROVED

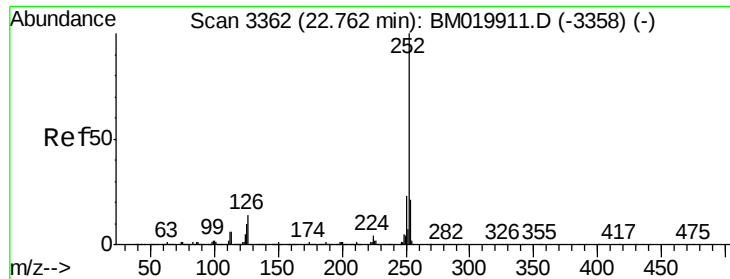
Sohil
4/17/2019 4:05:17 PM



#88
Benzo(b)fluoranthene
Concen: 15.765 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.9	7.6	11.4





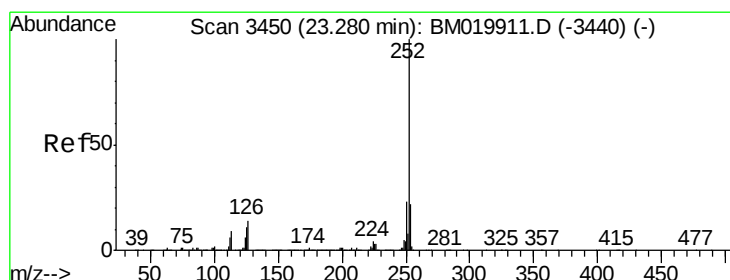
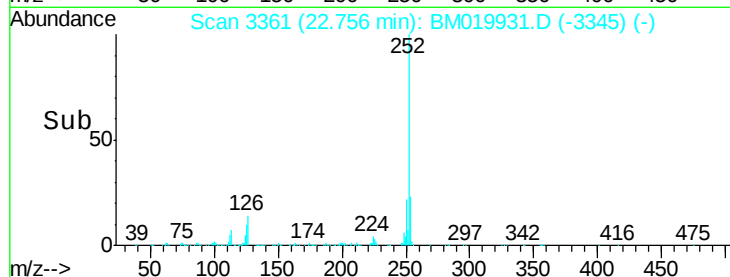
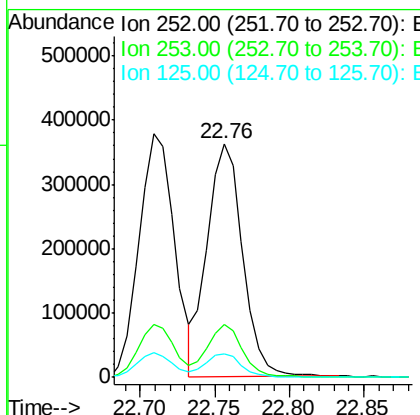
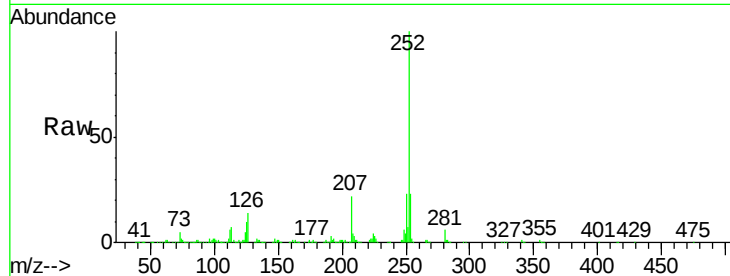
#89
Benzo(k)fluoranthene
Concen: 16.180 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	10.0	8.2	12.4

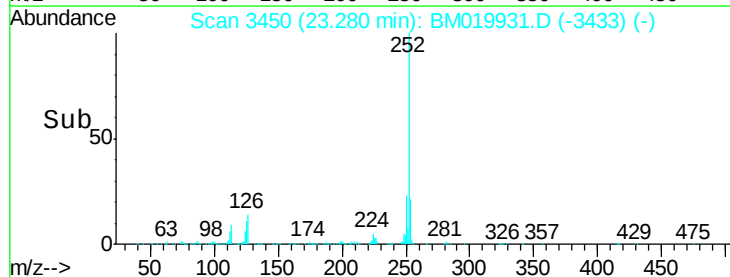
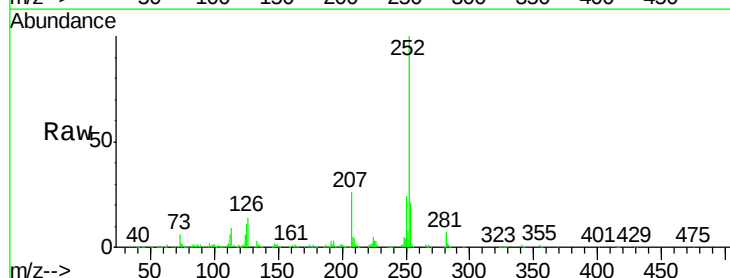
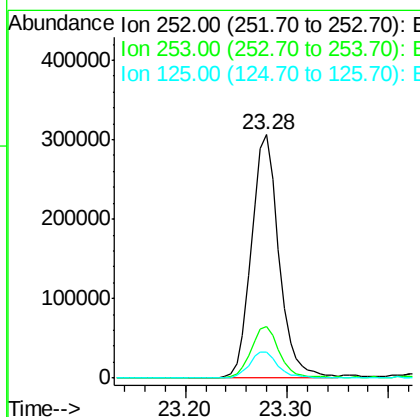
Manual Integrations
APPROVED

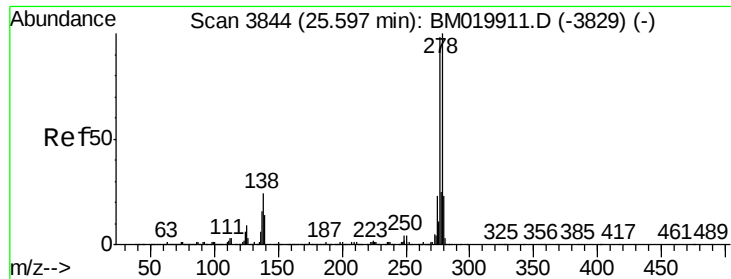
Sohil
4/17/2019 4:05:17 PM



#90
Benzo(a)pyrene
Concen: 16.527 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	10.8	9.1	13.7





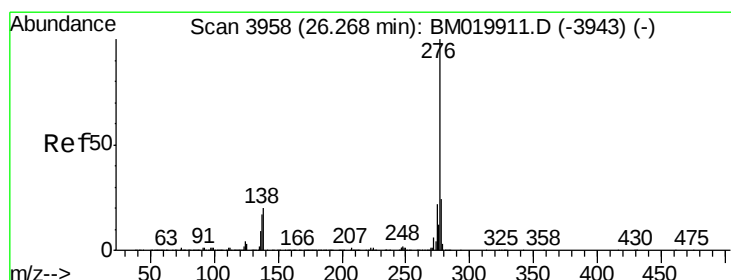
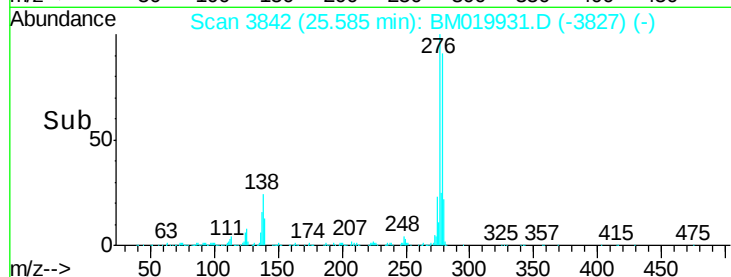
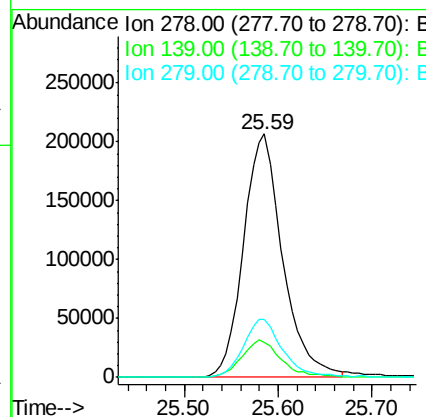
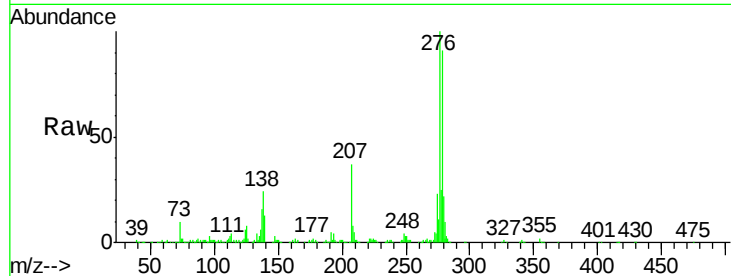
#91
Dibenzo(a,h)anthracene
Concen: 17.748 ng
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.6	17.4
279	24.0	18.4	27.6

Manual Integrations
APPROVED

Sohil
4/17/2019 4:05:17 PM



#92
Benzo(g,h,i)perylene
Concen: 18.833 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM019931.D
Acq: 16 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.1	16.2	24.4

