

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002398.D
 Acq On : 12 Jun 2020 14:18
 Operator : CG/JU
 Sample : L1161-09
 Misc : MDL-MDL-W-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:47:03 AM

Quant Time: Jun 12 15:00:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157961	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	617905	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	379120	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	818178	20.00	ng	0.00
76) Chrysene-d12	21.10	240	792150	20.00	ng	-0.01
86) Perylene-d12	23.30	264	883948	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1409902	165.16	ng	0.00
7) Phenol-d6	6.78	99	1904218	167.54	ng	0.00
23) Nitrobenzene-d5	8.73	82	1268322	122.58	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	657709	181.20	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2585488	114.67	ng	0.00
79) Terphenyl-d14	19.59	244	3473885	114.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	34127	8.679	ng	99
3) Pyridine	3.55	79	79193	7.410	ng	98
4) n-Nitrosodimethylamine	3.46	42	33653	7.641	ng	94
6) Aniline	6.92	93	129454	8.375	ng	97
8) 2-Chlorophenol	7.16	128	79427	8.275	ng	97
9) Benzaldehyde	6.73	77	75535	13.008	ng	97
10) Phenol	6.80	94	101948	8.270	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	83371	8.101	ng	96
12) 1,3-Dichlorobenzene	7.48	146	86739	7.848	ng	98
13) 1,4-Dichlorobenzene	7.62	146	88961	8.000	ng	97
14) 1,2-Dichlorobenzene	7.94	146	86528	8.123	ng	95
15) Benzyl Alcohol	7.83	79	63862	7.250	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114791	7.861	ng	99
17) 2-Methylphenol	8.04	107	65621	7.285	ng	99
18) Hexachloroethane	8.66	117	31177	7.696	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	62840	8.272	ng	97
20) 3+4-Methylphenols	8.36	107	86815	7.142	ng	97
22) Acetophenone	8.40	105	130229	9.381	ng	99
24) Nitrobenzene	8.77	77	100315	9.019	ng	98
25) Isophorone	9.30	82	175127	8.310	ng	99
26) 2-Nitrophenol	9.48	139	35880	7.239	ng	91
27) 2,4-Dimethylphenol	9.56	122	59513	7.654	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	111678	8.897	ng	98
29) 2,4-Dichlorophenol	10.02	162	67883	7.756	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	81007	8.303	ng	98
31) Naphthalene	10.41	128	253448	8.829	ng	99
32) Benzoic acid	9.63	122	14253m	2.409	ng	
33) 4-Chloroaniline	10.52	127	101131	8.070	ng	98
34) Hexachlorobutadiene	10.72	225	45208	7.941	ng	99
35) Caprolactam	11.26	113	23770	7.700	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	74609	7.878	ng	100
37) 2-Methylnaphthalene	12.03	142	180531	8.860	ng	98
38) 1-Methylnaphthalene	12.26	142	170551	8.918	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	89288	8.934	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002398.D
 Acq On : 12 Jun 2020 14:18
 Operator : CG/JU
 Sample : L1161-09
 Misc : MDL-MDL-W-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 MDL-WATER-03-QT1-2020

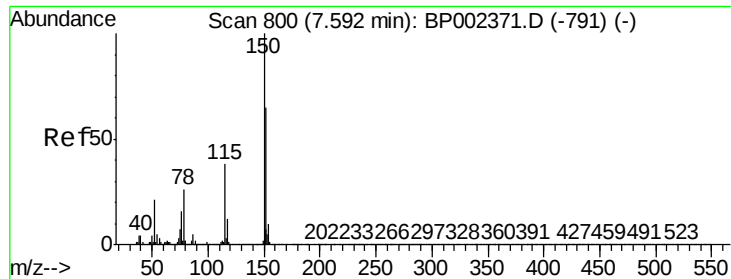
Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:47:03 AM

Quant Time: Jun 12 15:00:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	35752	6.729	nq	94
43) 2,4,6-Trichlorophenol	12.66	196	52007	7.353	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	56678	6.920	nq	99
46) 1,1'-Biphenyl	13.06	154	236722	9.527	nq	100
47) 2-Chloronaphthalene	13.10	162	178565	8.786	nq	97
48) 2-Nitroaniline	13.30	65	45059	6.945	nq	96
49) Acenaphthylene	13.95	152	279109	8.604	nq	99
50) Dimethylphthalate	13.70	163	211870	8.156	nq	99
51) 2,6-Dinitrotoluene	13.81	165	42247	7.489	nq	93
52) Acenaphthene	14.30	154	172093	9.056	nq	96
53) 3-Nitroaniline	14.14	138	42766	6.639	nq	97
54) 2,4-Dinitrophenol	14.35	184	11875	3.838	nq	95
55) Dibenzofuran	14.64	168	273968	8.954	nq	99
56) 4-Nitrophenol	14.46	139	30820	6.026	nq	97
57) 2,4-Dinitrotoluene	14.60	165	53269	6.937	nq	95
58) Fluorene	15.29	166	213684	8.879	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	48603	7.476	nq	96
60) Diethylphthalate	15.08	149	210836	8.100	nq	98
61) 4-Chlorophenyl-phenylether	15.30	204	109640	9.399	nq	96
62) 4-Nitroaniline	15.30	138	43782	7.073	nq	97
63) Azobenzene	15.59	77	229180	8.846	nq	95
65) 4,6-Dinitro-2-methylphenol	15.37	198	25966	6.014	nq	91
66) n-Nitrosodiphenylamine	15.51	169	188023	8.996	nq	98
67) 4-Bromophenyl-phenylether	16.19	248	62239	8.030	nq	100
68) Hexachlorobenzene	16.30	284	72333	8.795	nq	97
69) Atrazine	16.47	200	66656	9.776	nq	99
70) Pentachlorophenol	16.65	266	29034	5.901	nq	97
71) Phenanthrene	17.03	178	350122	9.148	nq	98
72) Anthracene	17.13	178	336596	8.853	nq	99
73) Carbazole	17.40	167	315192	8.427	nq	99
74) Di-n-butylphthalate	17.99	149	341154	7.708	nq	98
75) Fluoranthene	19.02	202	406466	8.897	nq	98
77) Benzidine	19.20	184	163642	9.245	nq	98
78) Pyrene	19.37	202	427441	8.809	nq	99
80) Butylbenzylphthalate	20.27	149	141847	6.576	nq	99
81) Benzo(a)anthracene	21.09	228	412591	9.125	nq	97
82) 3,3'-Dichlorobenzidine	21.02	252	143018	8.511	nq	95
83) Chrysene	21.13	228	399391	9.323	nq	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	240600	7.668	nq	97
85) Di-n-octyl phthalate	21.91	149	383285	6.965	nq	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	461659	8.350	nq	97
88) Benzo(b)fluoranthene	22.64	252	383761	8.051	nq	97
89) Benzo(k)fluoranthene	22.68	252	423956m	9.360	nq	
90) Benzo(a)pyrene	23.20	252	357583	8.005	nq	98
91) Dibenzo(a,h)anthracene	25.52	278	392268	8.845	nq	95
92) Benzo(g,h,i)perylene	26.17	276	384454	8.370	nq	99

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



#1

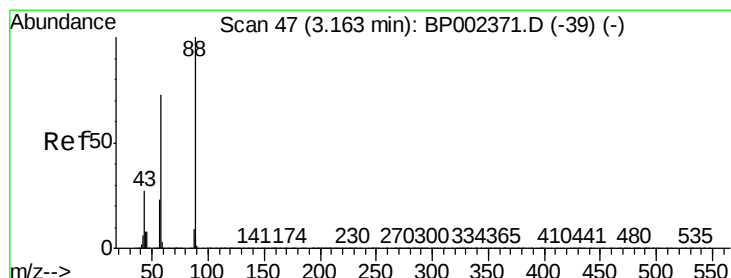
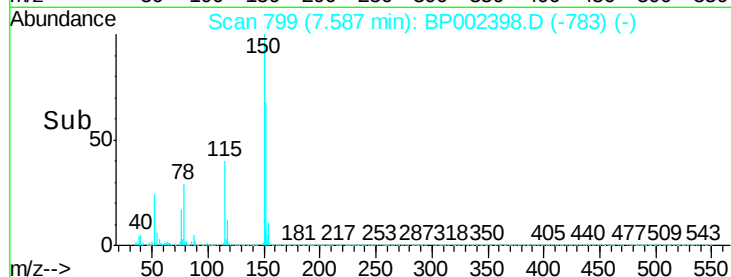
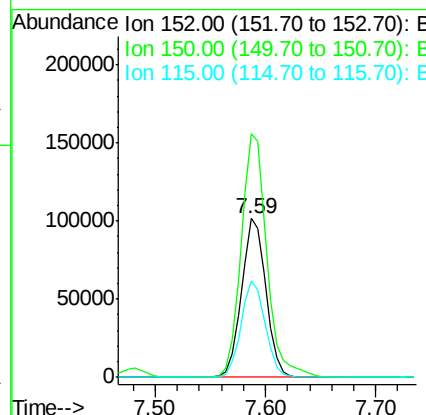
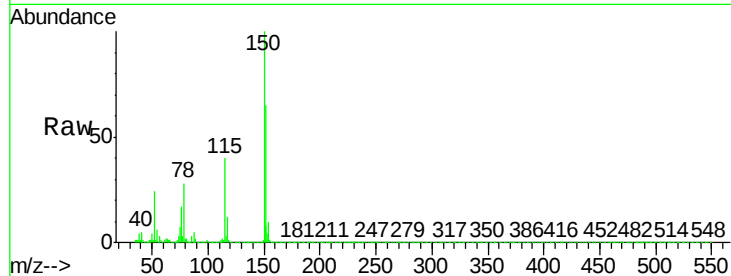
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.0	186.0
115	60.6	47.4	71.0

Manual Integrations
APPROVED

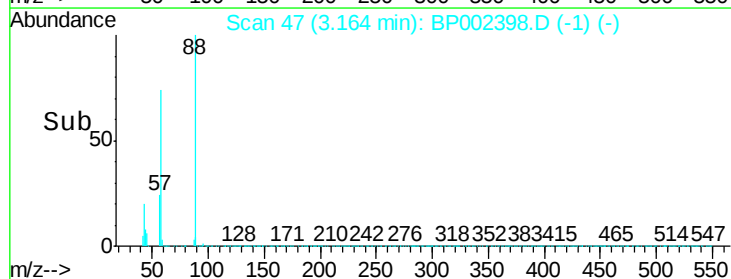
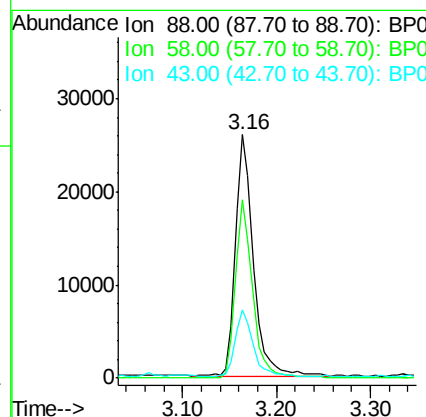
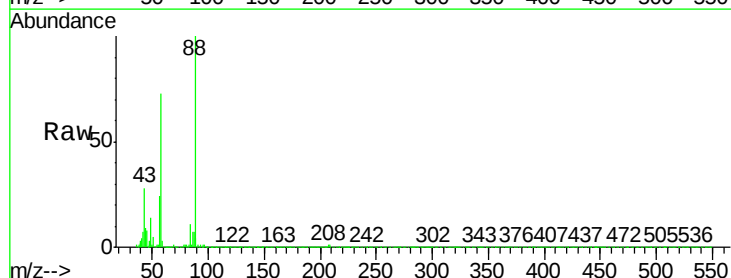
mohammad
6/15/2020 8:47:03 AM



#2

1,4-Dioxane
Concen: 8.679 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.2	87.4
43	27.1	21.8	32.8





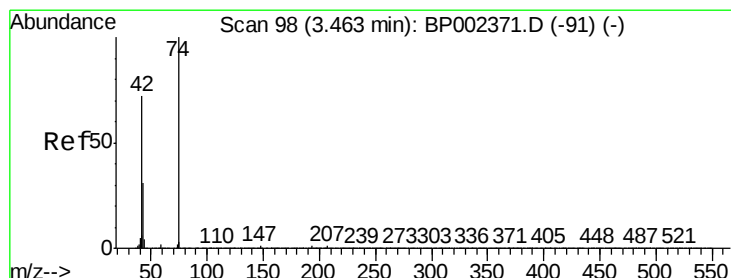
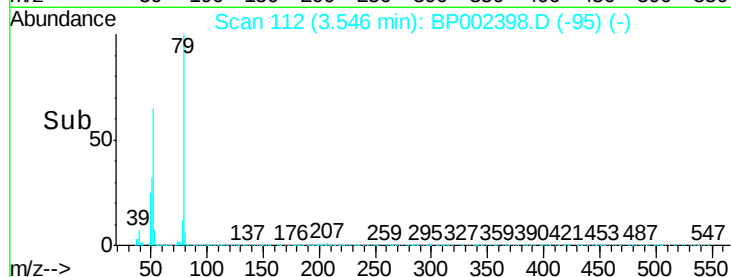
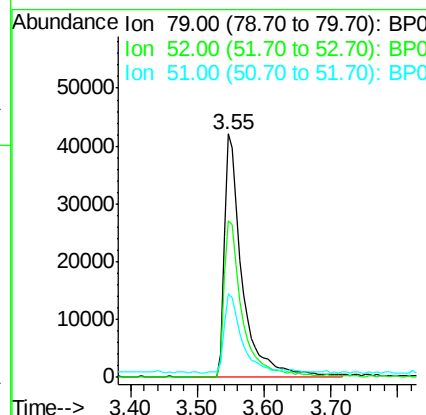
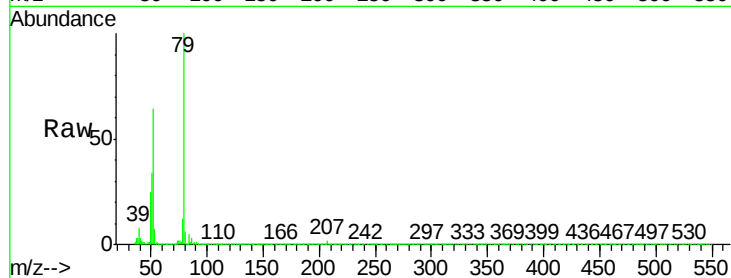
#3
Pvridine
Concen: 7.410 ng
RT: 3.55 min Scan# 112
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	52.5	78.7
51	34.3	26.1	39.1

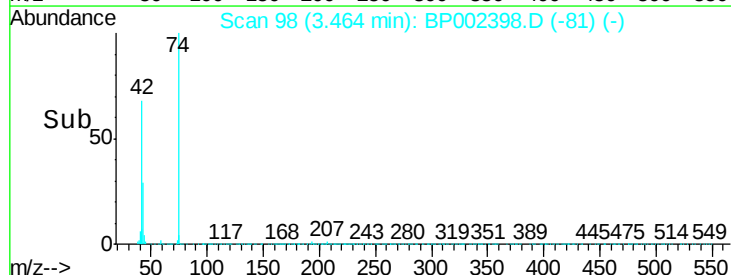
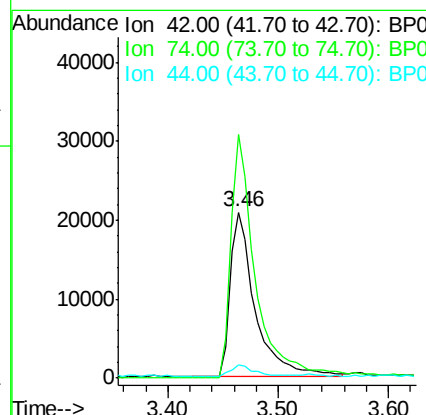
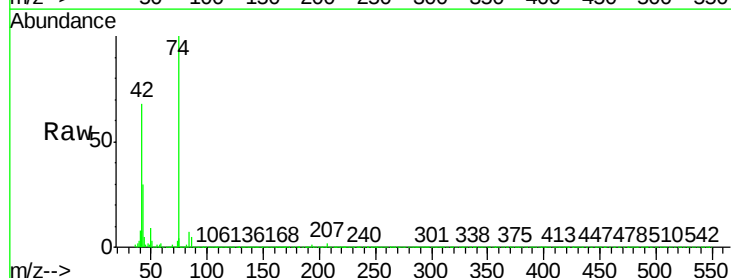
Manual Integrations
APPROVED

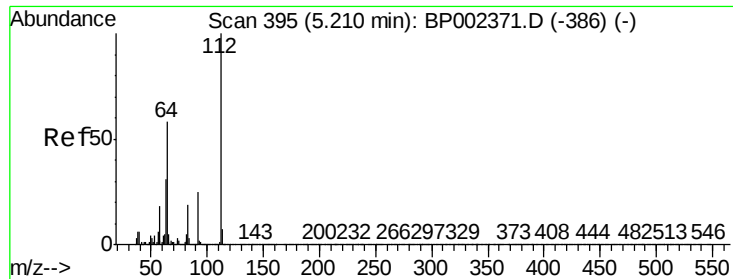
mohammad
6/15/2020 8:47:03 AM



#4
n-Nitrosodimethylamine
Concen: 7.641 ng
RT: 3.46 min Scan# 98
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.5	111.1	166.7
44	7.7	5.4	8.0





#5

2-Fluorophenol

Concen: 165.161 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

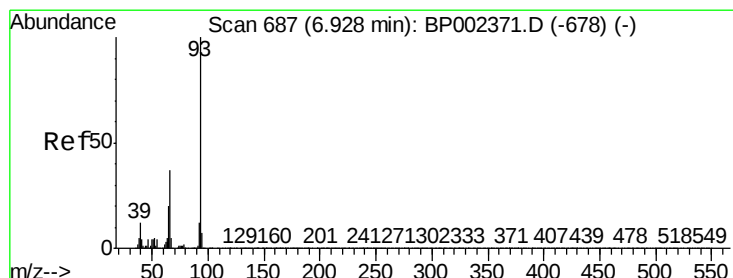
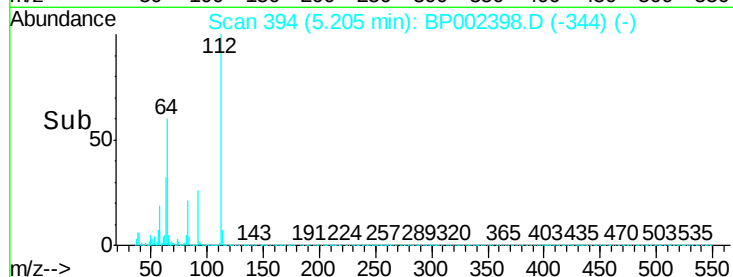
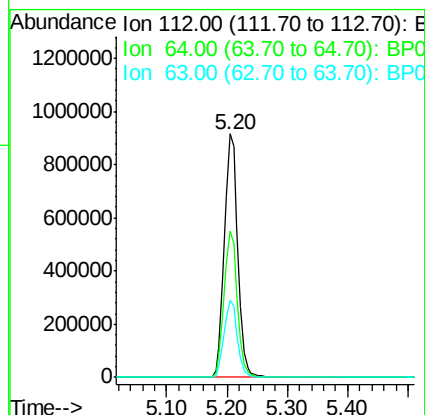
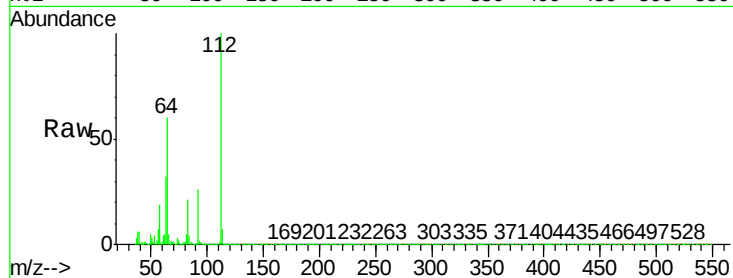
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	112	Resp:	1409902
Ion Ratio	Lower	Upper	
112	100		
64	60.3	46.2	69.2
63	31.6	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#6

Aniline

Concen: 8.375 ng

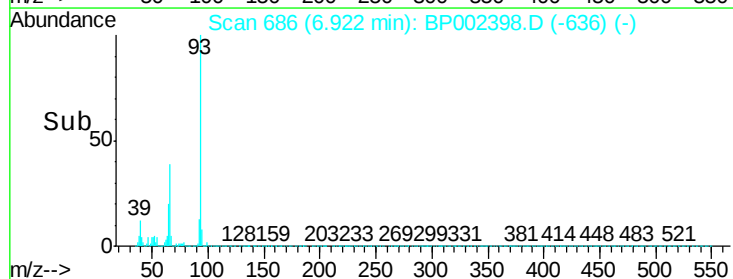
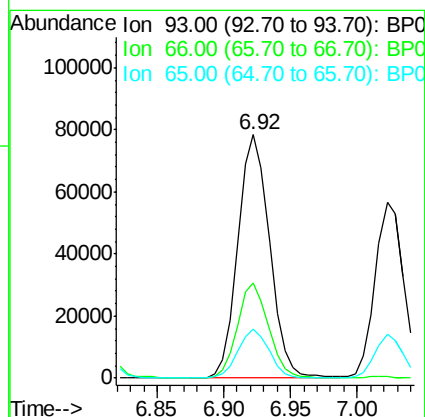
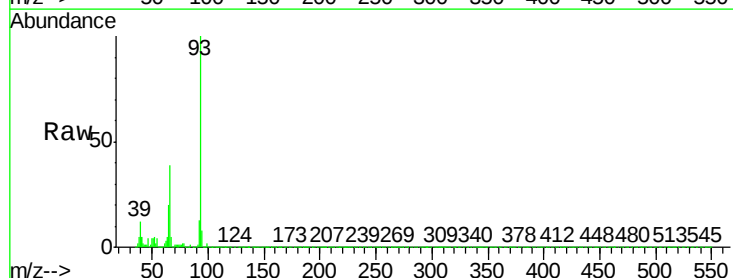
RT: 6.92 min Scan# 686

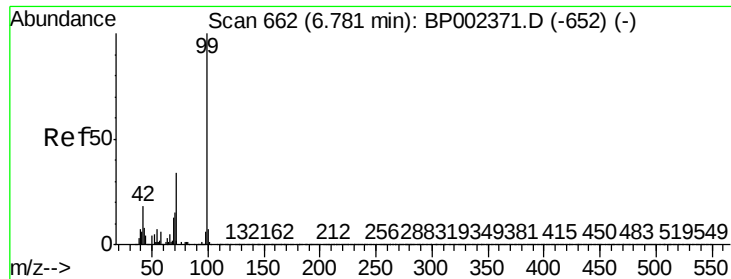
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	93	Resp:	129454
Ion Ratio	Lower	Upper	
93	100		
66	39.3	29.8	44.6
65	20.0	15.7	23.5





#7

Phenol-d6

Concen: 167.544 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion: 99 Resp: 1904218

Ion Ratio Lower Upper

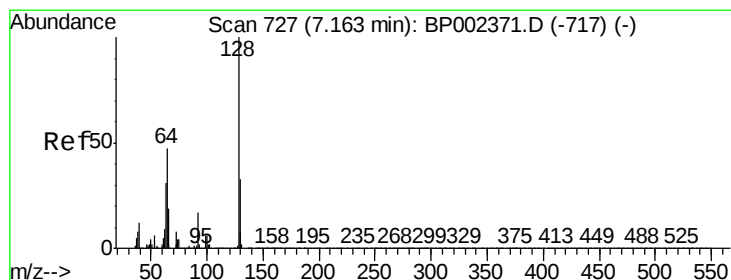
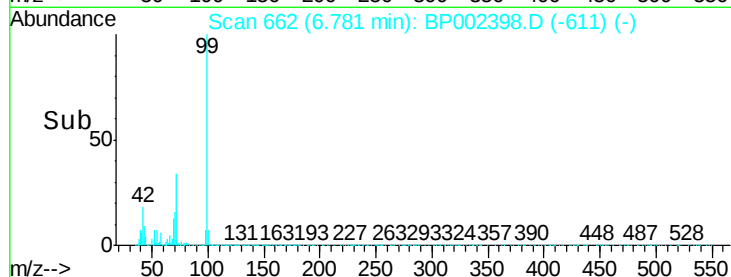
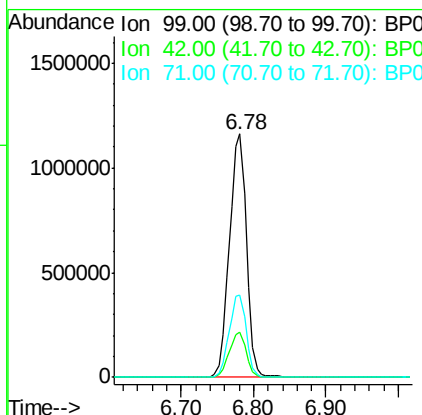
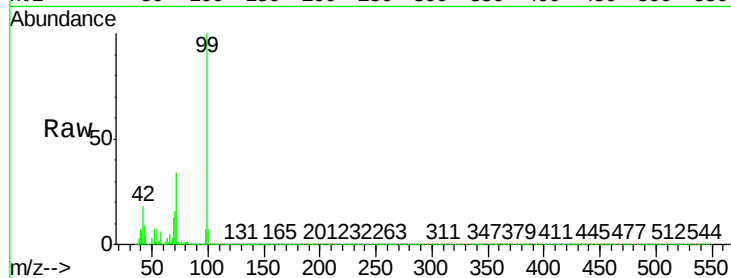
99 100

42 18.4 14.6 22.0

71 34.0 27.2 40.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#8

2-Chlorophenol

Concen: 8.275 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

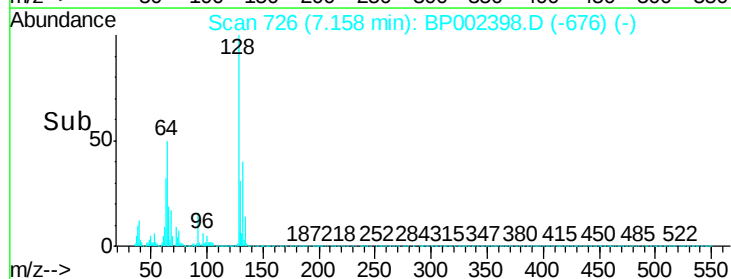
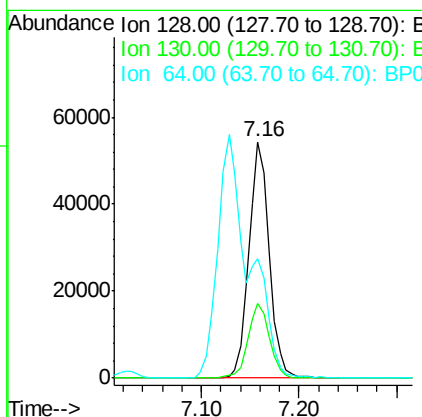
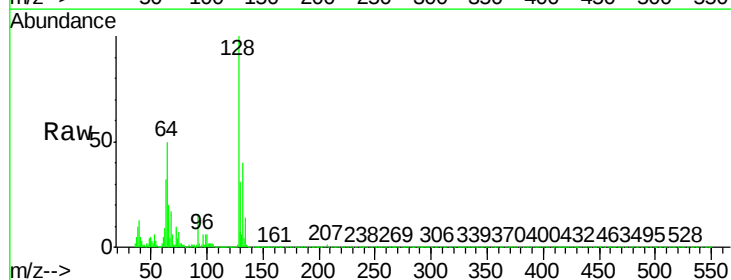
Tgt Ion: 128 Resp: 79427

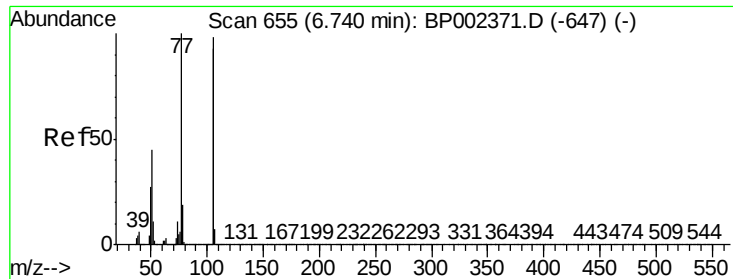
Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

64 50.4 27.7 67.7





#9

Benzaldehyde

Concen: 13.008 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

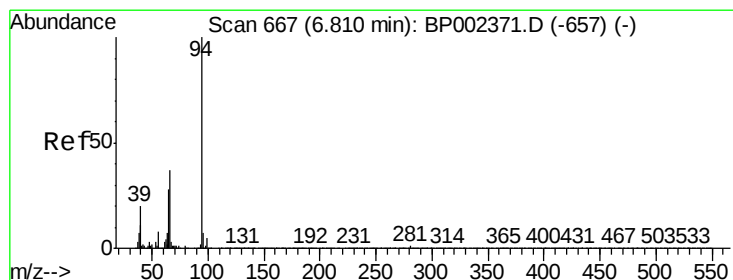
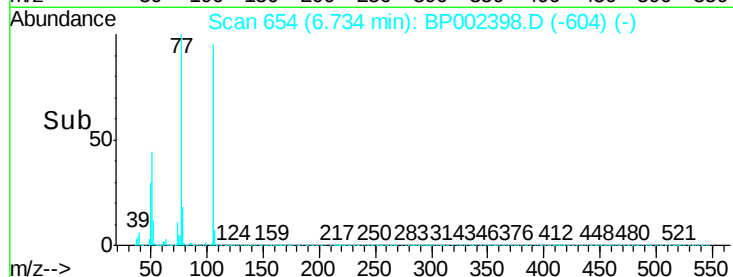
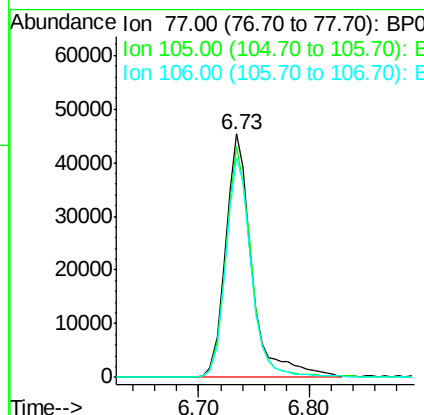
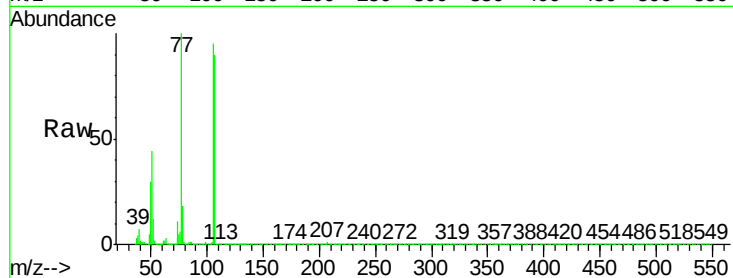
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	77	Resp:	75535
Ion Ratio	Lower	Upper	
77	100		
105	94.7	78.1	118.1
106	89.9	73.2	113.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#10

Phenol

Concen: 8.270 ng

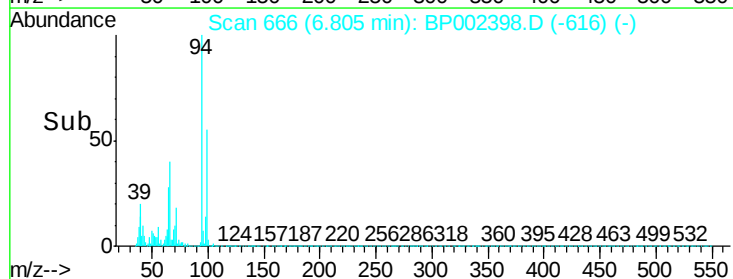
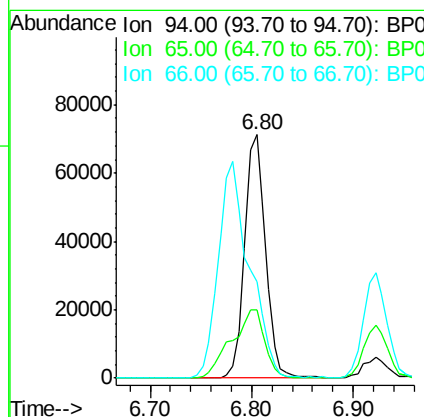
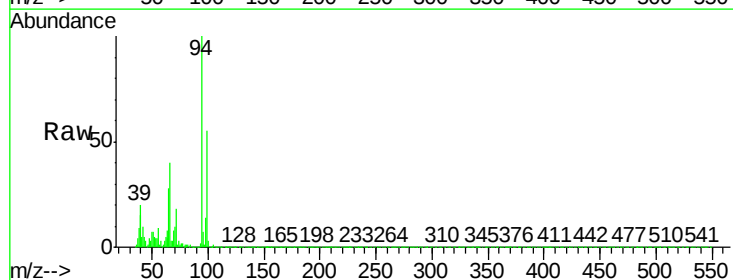
RT: 6.80 min Scan# 666

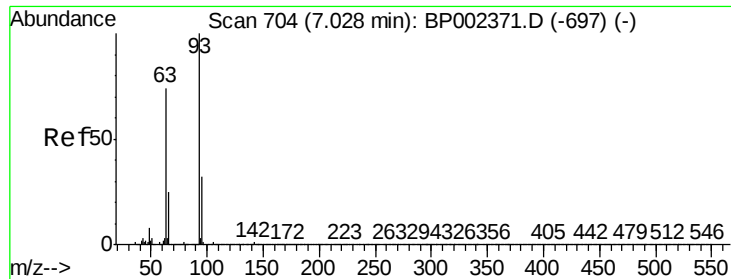
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	94	Resp:	101948
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.7	47.7
66	39.6	16.9	56.9





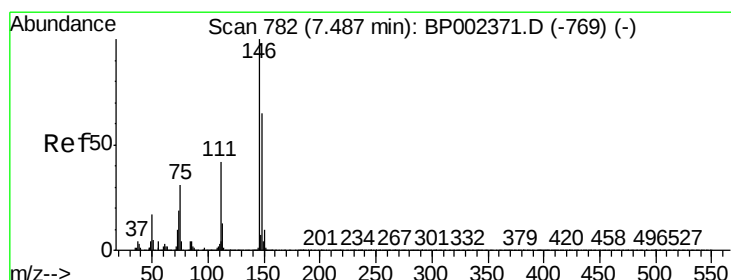
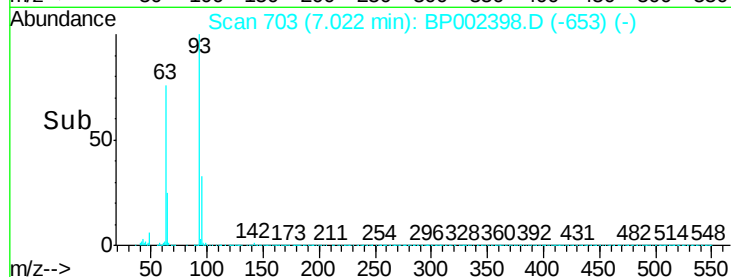
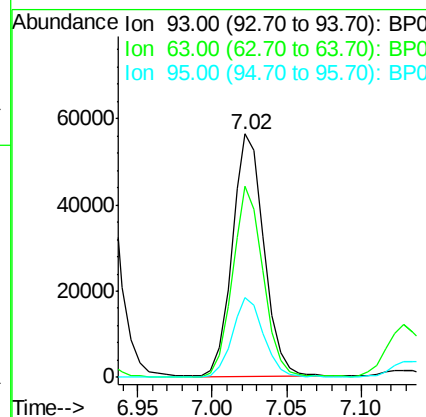
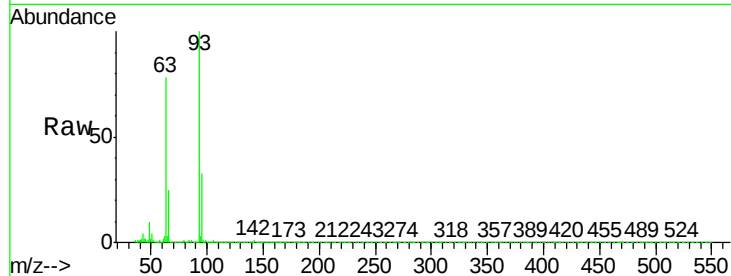
#11
bis(2-Chloroethyl)ether
Concen: 8.101 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	54.2	94.2
95	32.6	11.8	51.8

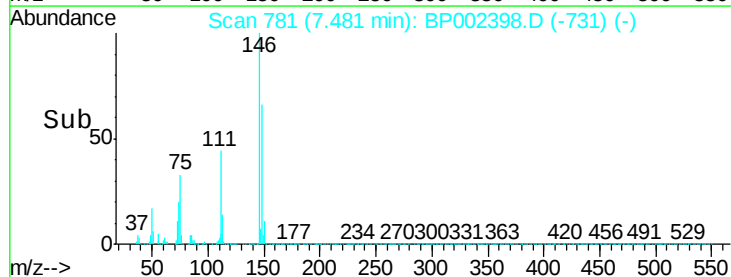
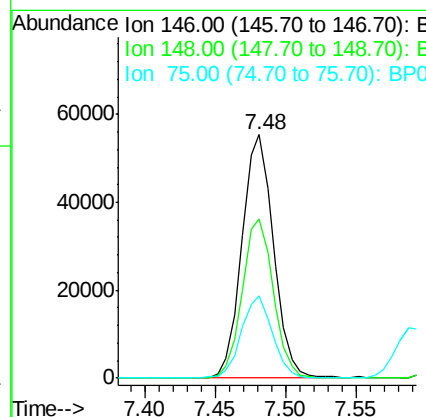
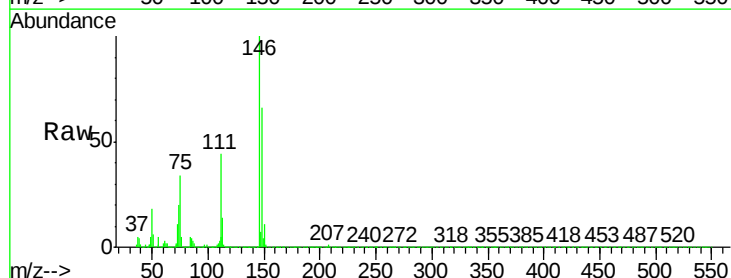
Manual Integrations
APPROVED

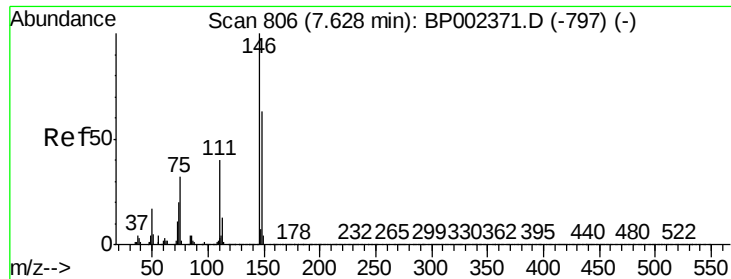
mohammad
6/15/2020 8:47:03 AM



#12
1,3-Dichlorobenzene
Concen: 7.848 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
75	33.6	25.0	37.4





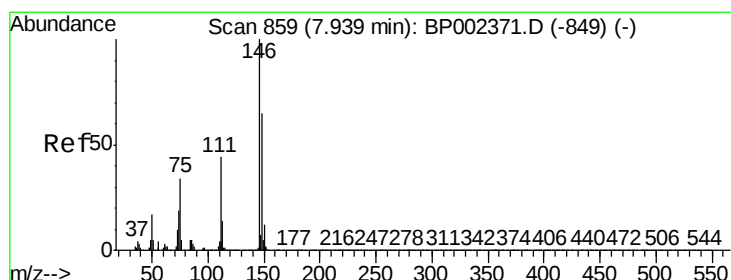
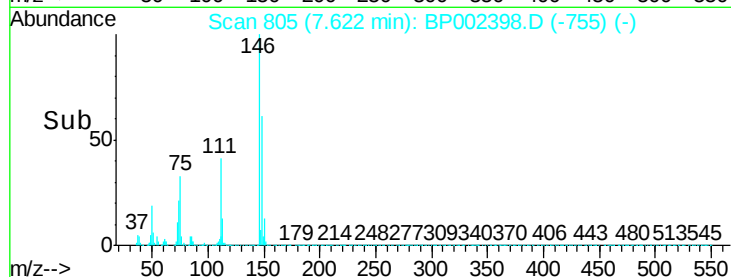
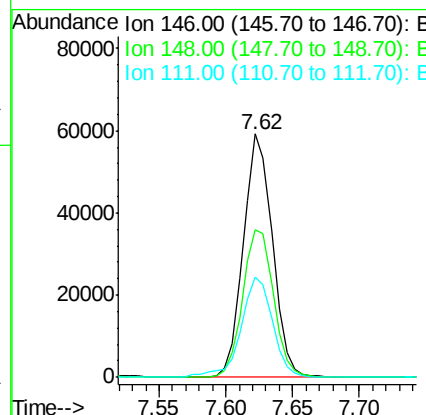
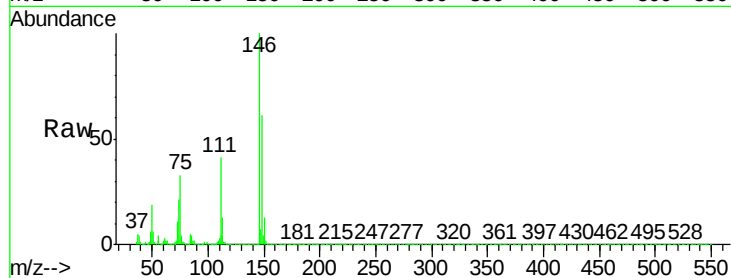
#13
1,4-Dichlorobenzene
Concen: 8.000 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.7	76.1
111	41.3	32.2	48.2

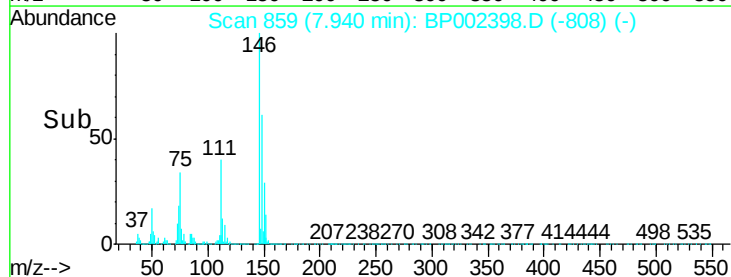
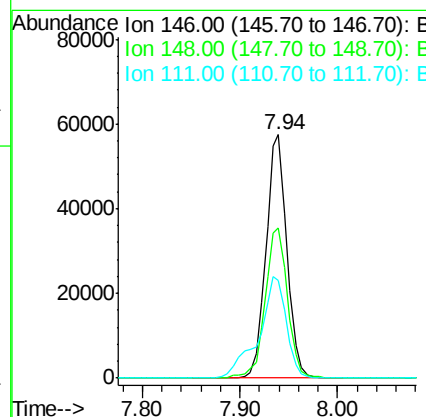
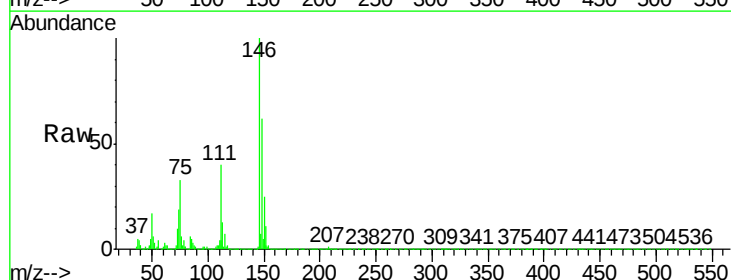
Manual Integrations
APPROVED

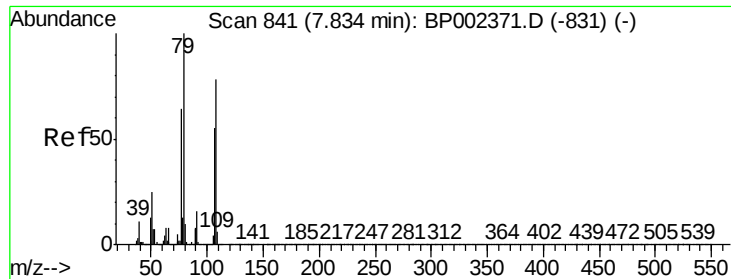
mohammad
6/15/2020 8:47:03 AM



#14
1,2-Dichlorobenzene
Concen: 8.123 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.8	77.6
111	40.3	35.4	53.2





#15

Benzyl Alcohol

Concen: 7.250 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

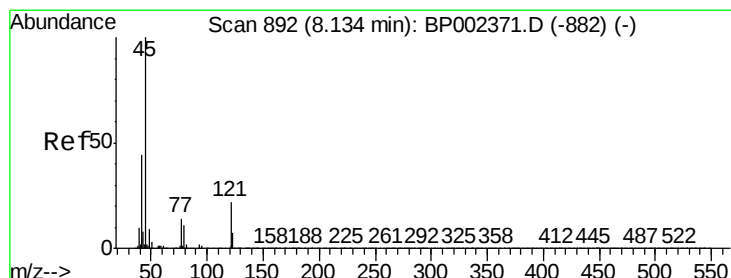
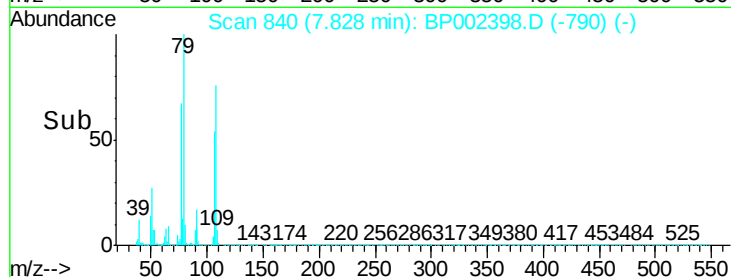
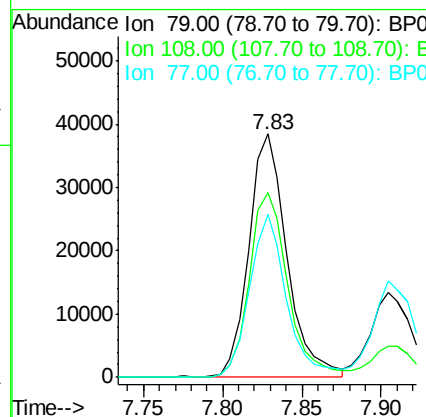
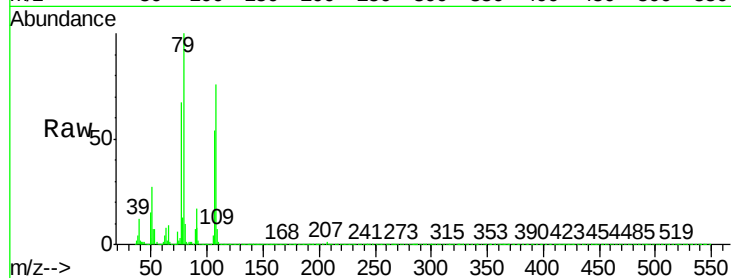
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	79	Resp:	63862
Ion Ratio	Lower	Upper	
79	100		
108	75.9	62.6	94.0
77	66.9	51.5	77.3

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.861 ng

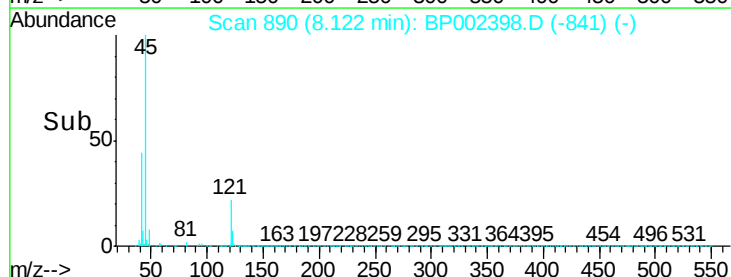
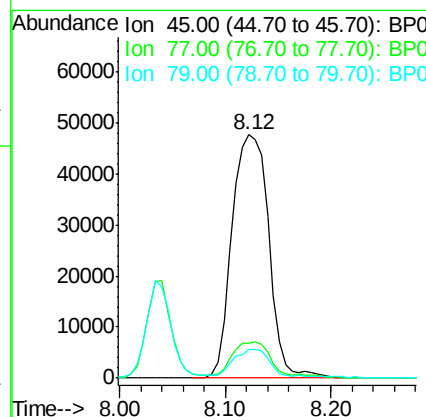
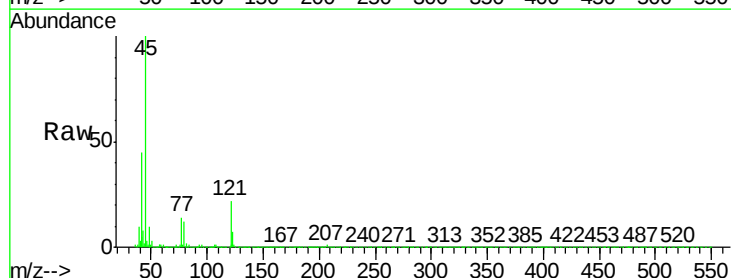
RT: 8.12 min Scan# 890

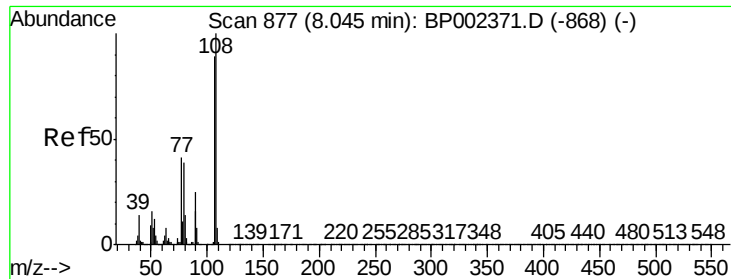
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	45	Resp:	114791
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	35.0
79	11.6	0.0	32.0





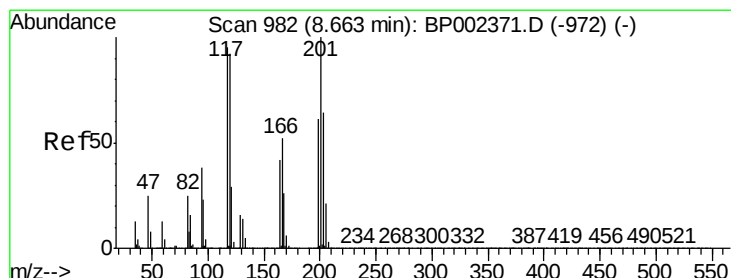
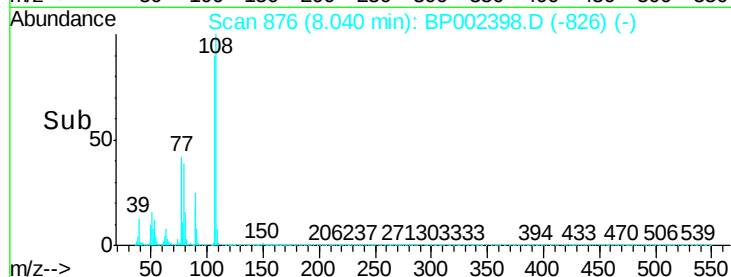
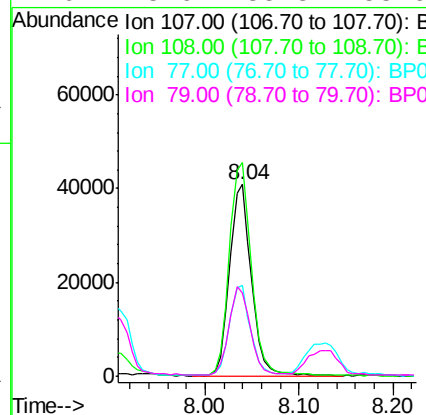
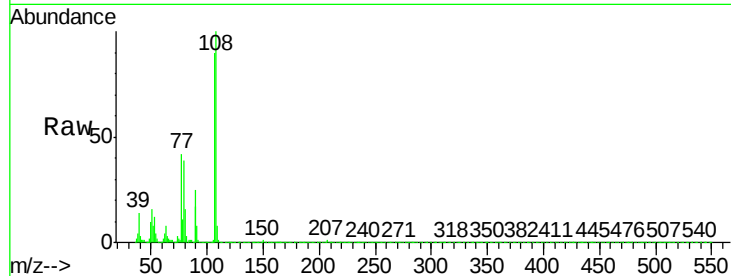
#17
2-Methylphenol
Concen: 7.285 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	90.3	135.5	
77	47.2	37.1	55.7	
79	43.6	35.8	53.6	

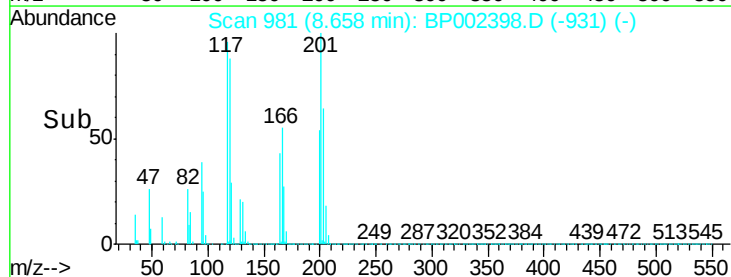
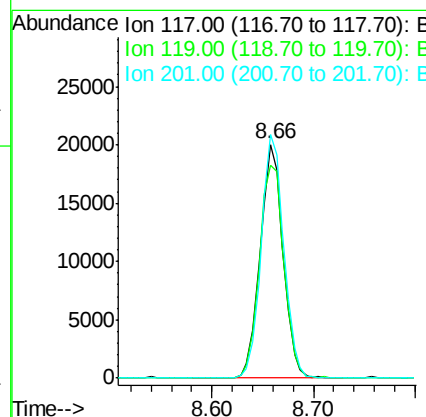
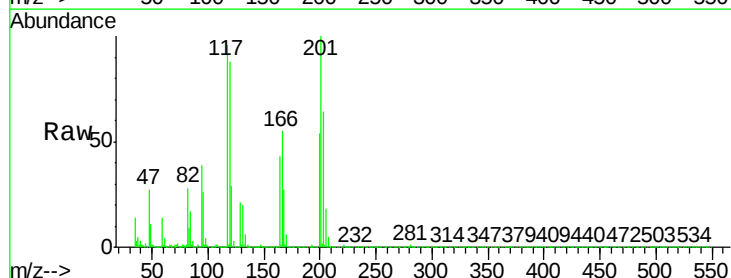
Manual Integrations
APPROVED

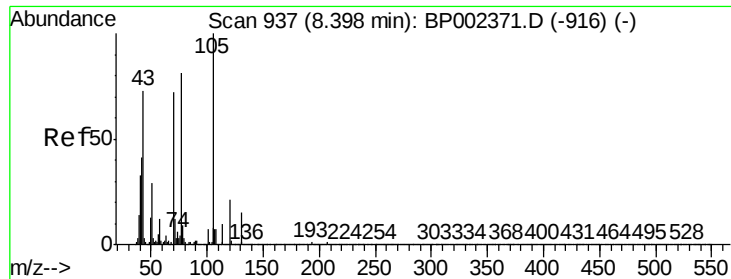
mohammad
6/15/2020 8:47:03 AM



#18
Hexachloroethane
Concen: 7.696 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	77.8	116.8	
201	104.3	84.2	126.4	





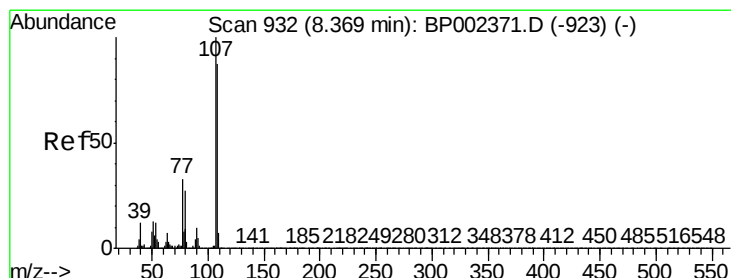
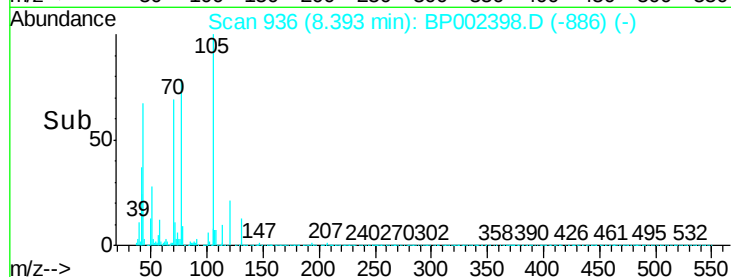
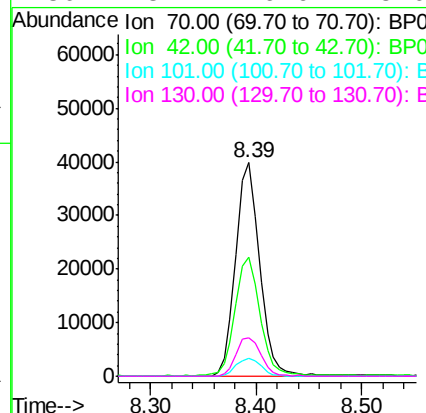
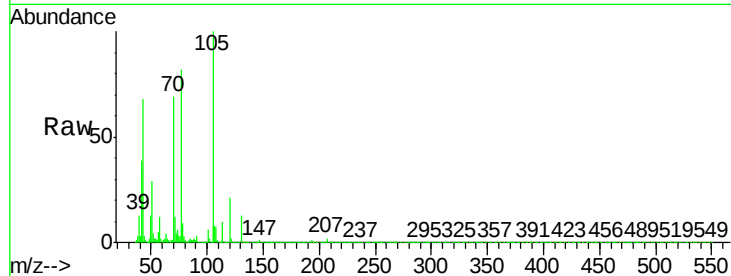
#19
n-Nitroso-di-n-propylamine
Concen: 8.272 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	45.7	68.5
101	8.6	7.5	11.3
130	18.2	16.6	25.0

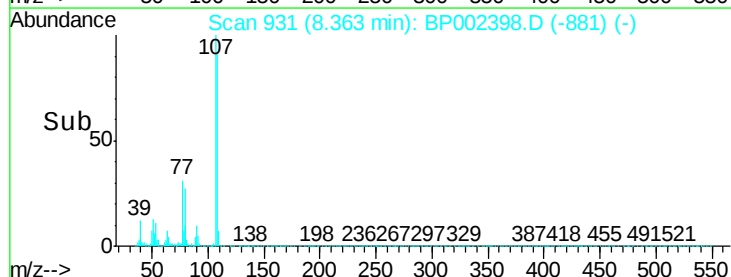
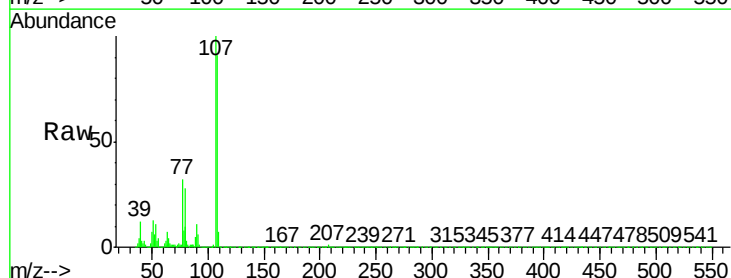
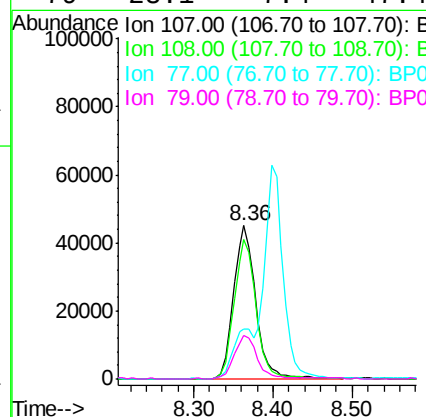
Manual Integrations
APPROVED

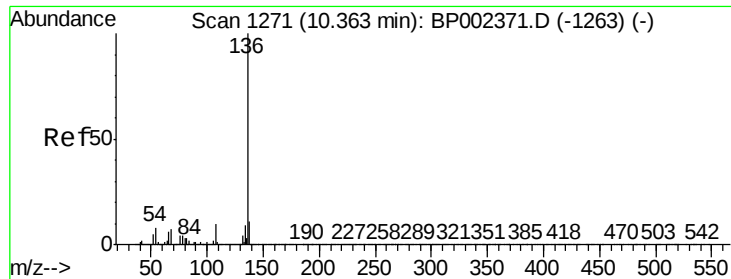
mohammad
6/15/2020 8:47:03 AM



#20
3+4-Methylphenols
Concen: 7.142 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	67.5	107.5
77	32.3	13.5	53.5
79	28.1	7.4	47.4





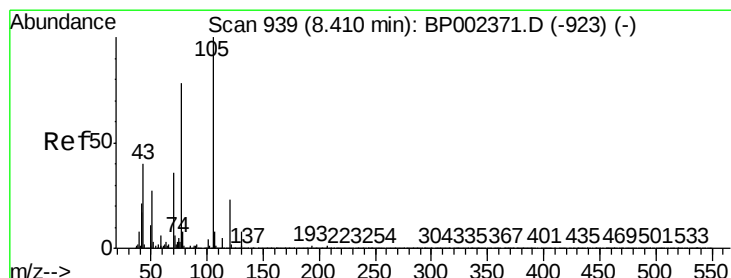
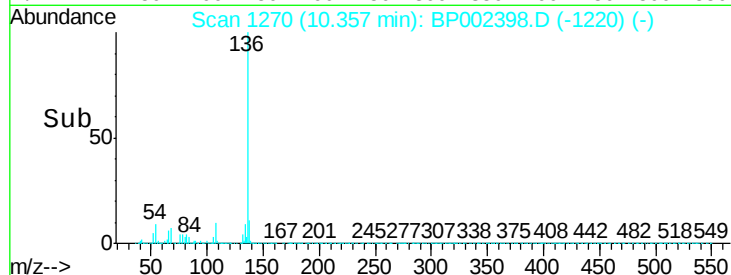
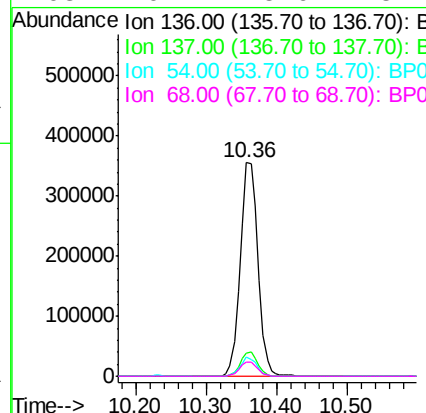
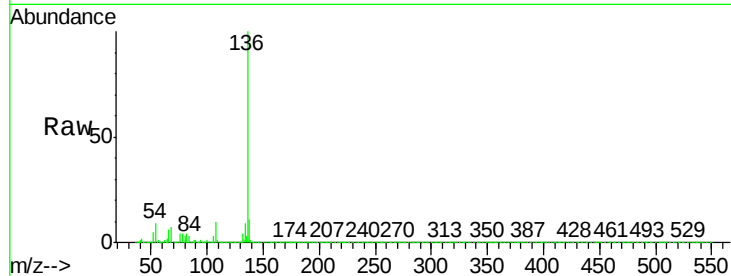
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	617905		
137	10.7		8.8	13.2
54	8.8		6.4	9.6
68	6.7		5.6	8.4

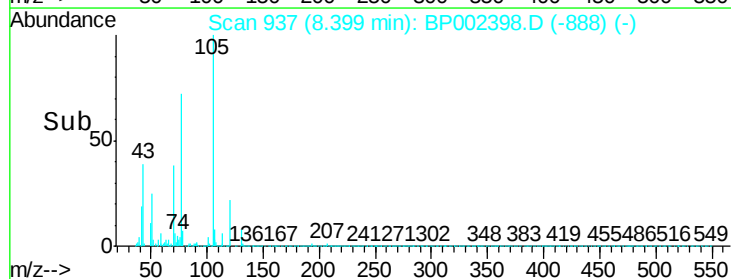
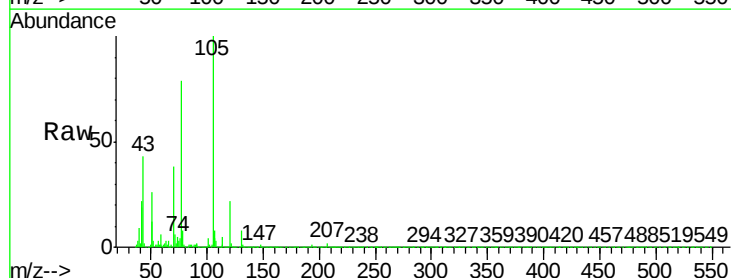
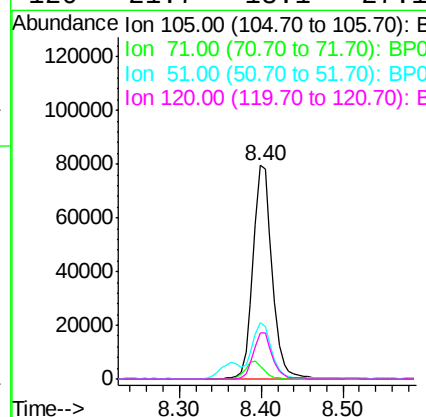
Manual Integrations
APPROVED

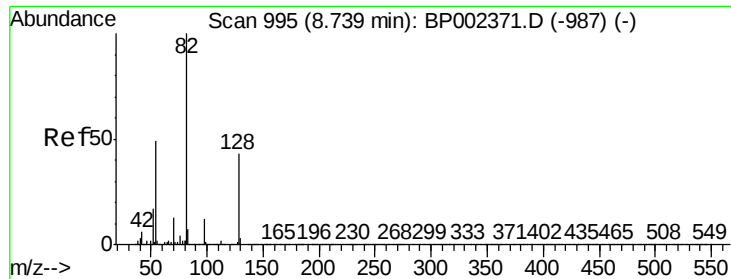
mohammad
6/15/2020 8:47:03 AM



#22
Acetophenone
Concen: 9.381 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130229		
71	6.0		4.7	7.1
51	26.5		21.4	32.0
120	21.7		18.1	27.1





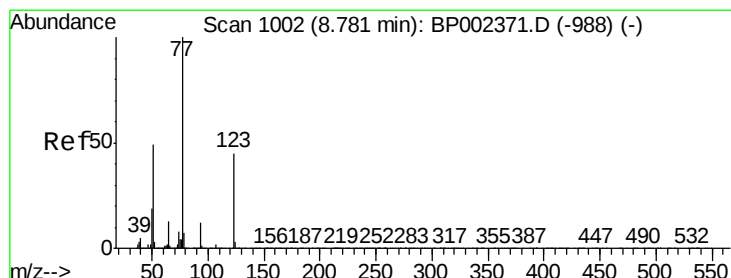
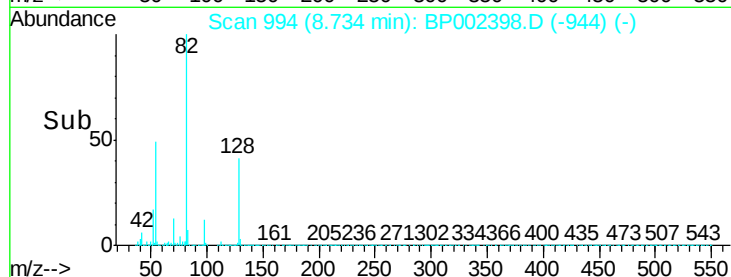
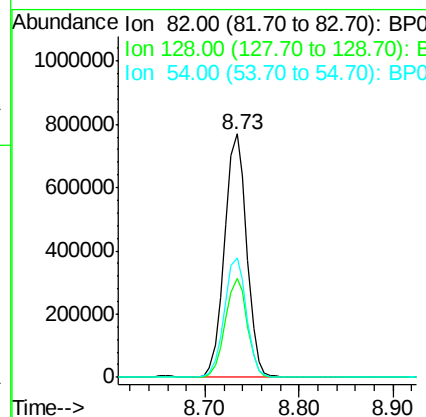
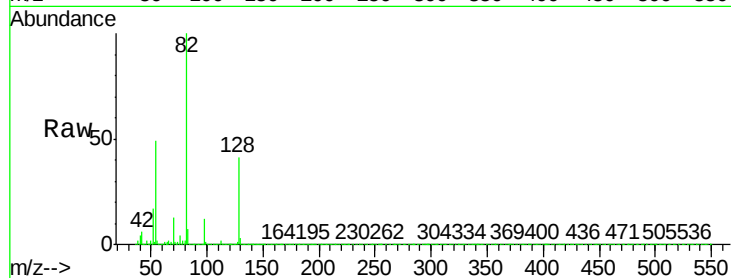
#23
Nitrobenzene-d5
Concen: 122.580 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.5	51.7
54	48.8	39.4	59.2

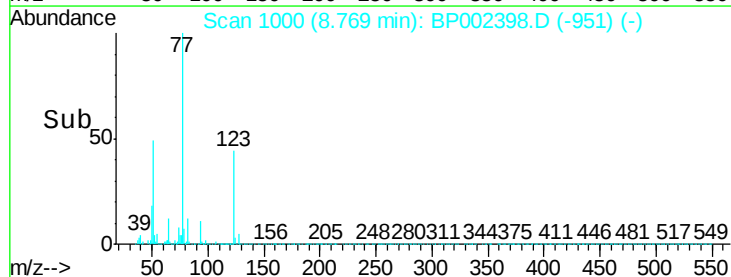
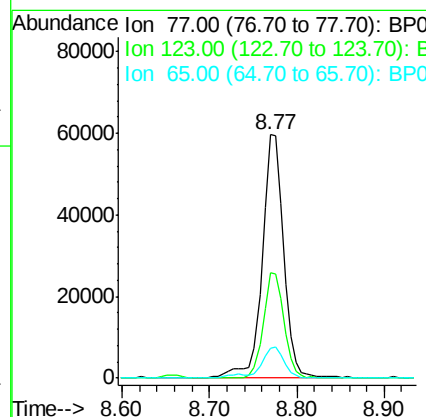
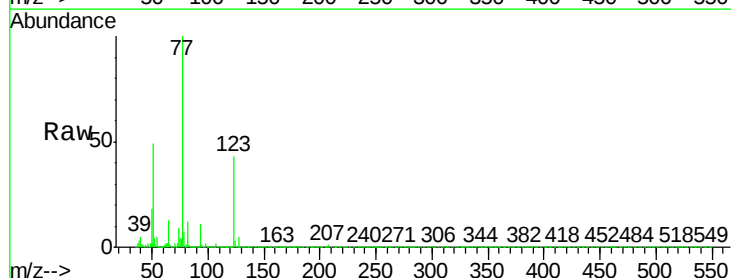
Manual Integrations
APPROVED

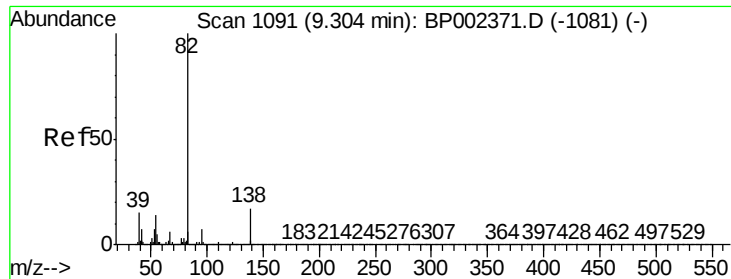
mohammad
6/15/2020 8:47:03 AM



#24
Nitrobenzene
Concen: 9.019 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.8	53.8
65	12.5	10.5	15.7





#25

Isophorone

Concen: 8.310 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

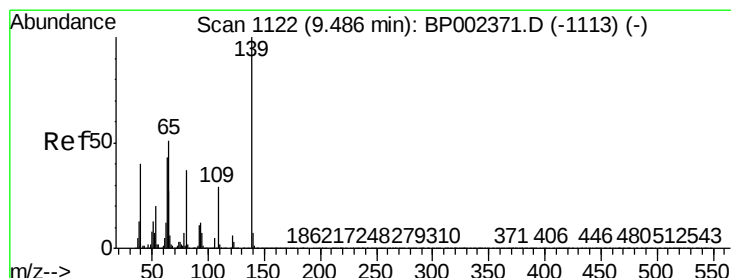
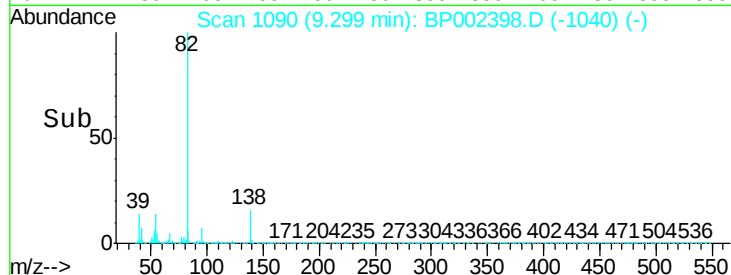
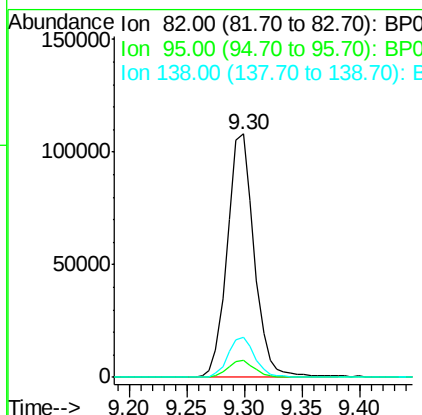
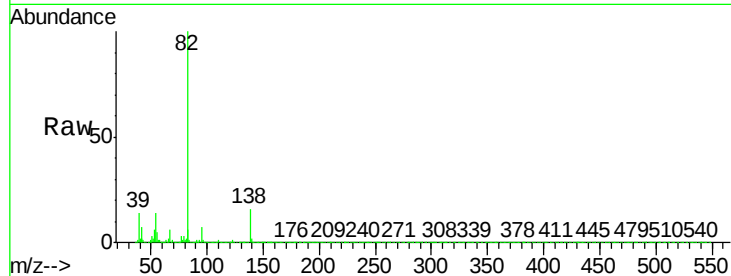
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	82	Resp:	175127
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.3	13.4	20.0

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#26

2-Nitrophenol

Concen: 7.239 ng

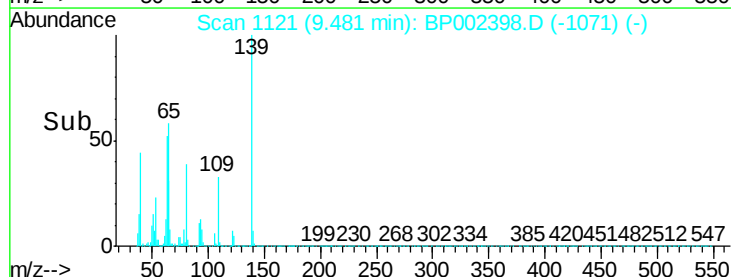
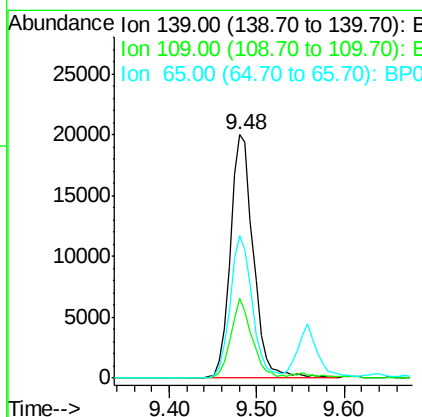
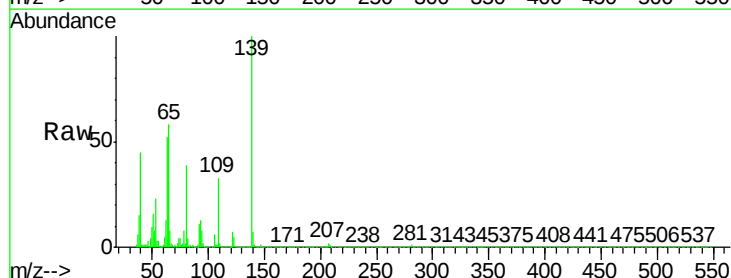
RT: 9.48 min Scan# 1121

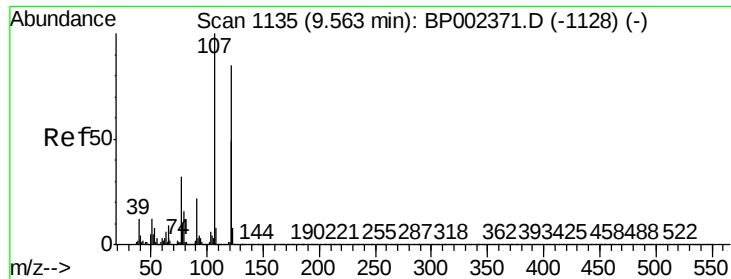
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	139	Resp:	35880
Ion Ratio	Lower	Upper	
139	100		
109	32.7	23.4	35.2
65	58.4	41.1	61.7





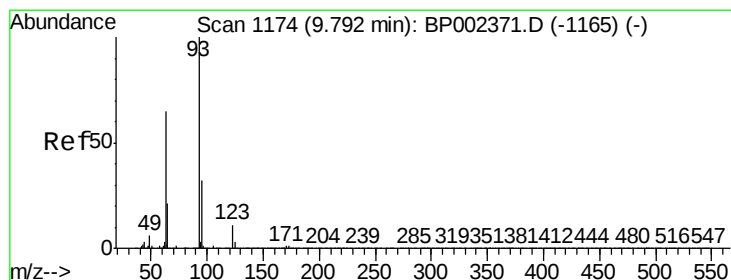
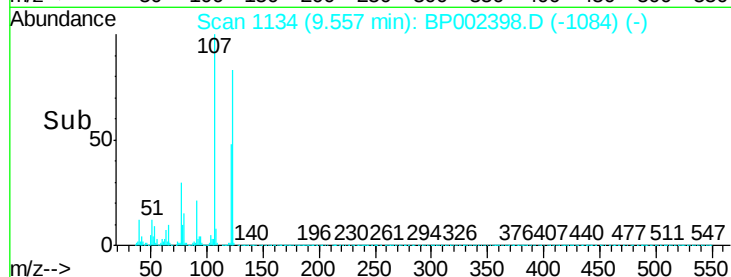
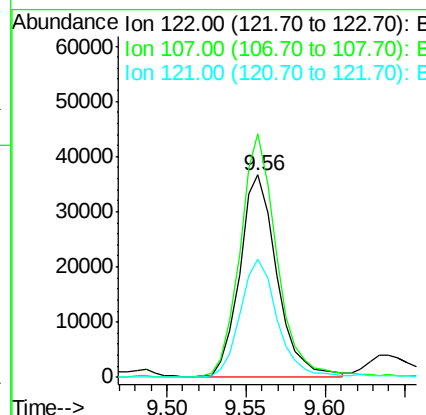
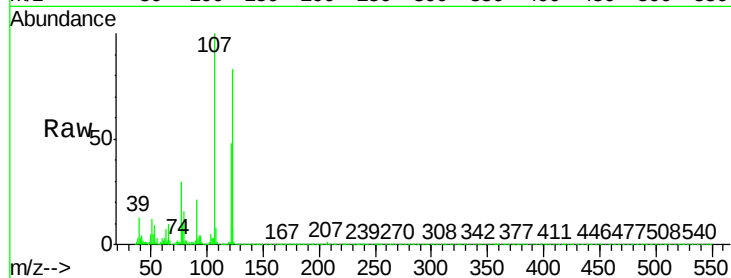
#27
2,4-Dimethylphenol
Concen: 7.654 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	94.0	141.0
121	58.3	46.4	69.6

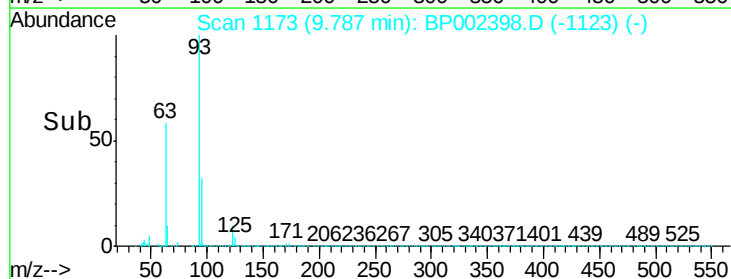
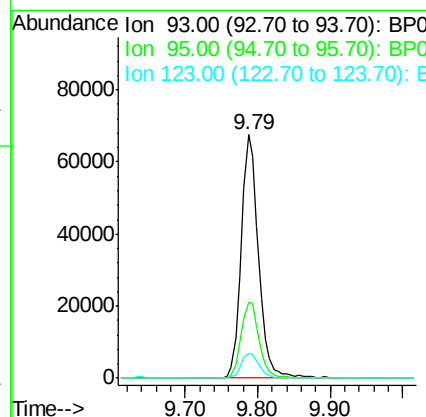
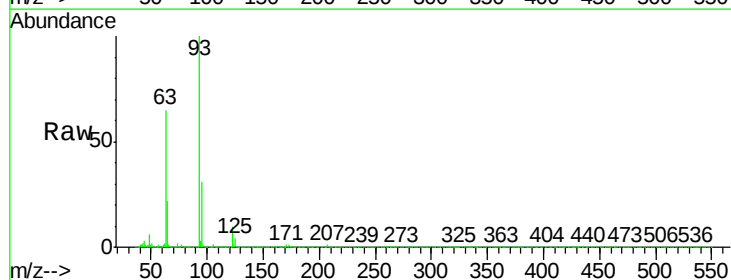
Manual Integrations
APPROVED

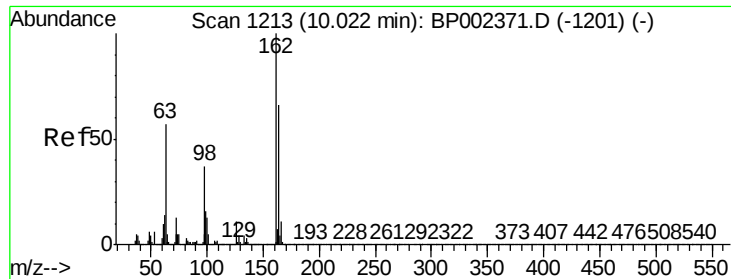
mohammad
6/15/2020 8:47:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 8.897 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.8
123	10.1	8.7	13.1





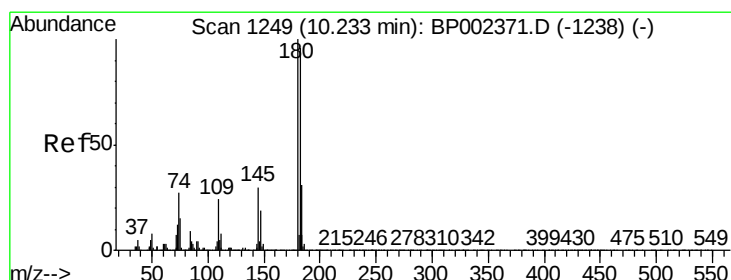
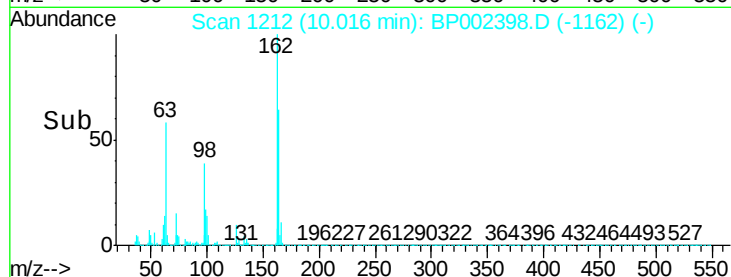
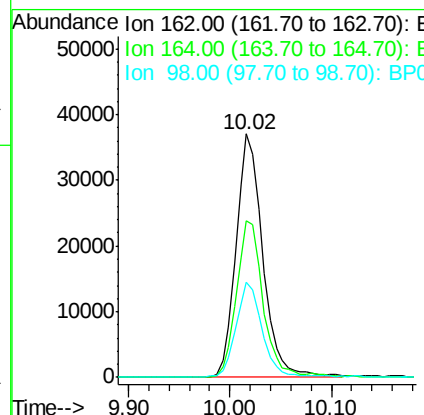
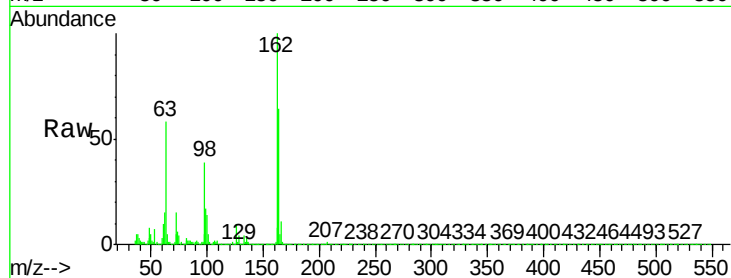
#29
2,4-Dichlorophenol
Concen: 7.756 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	67883		
164	64.4	45.5	85.5	
98	39.3	16.6	56.6	

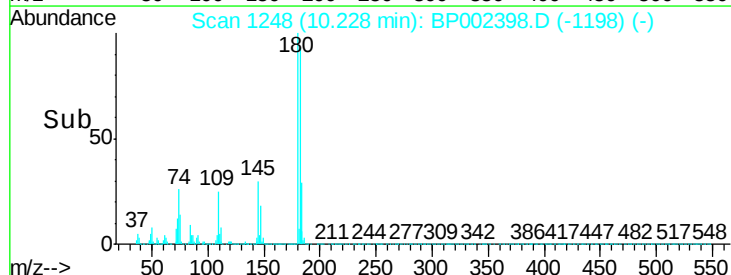
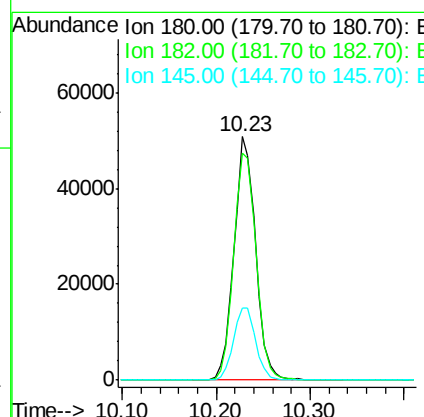
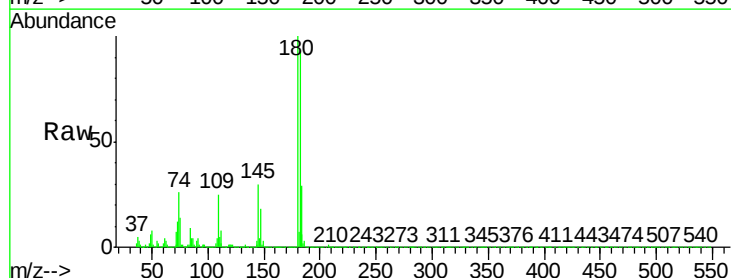
Manual Integrations
APPROVED

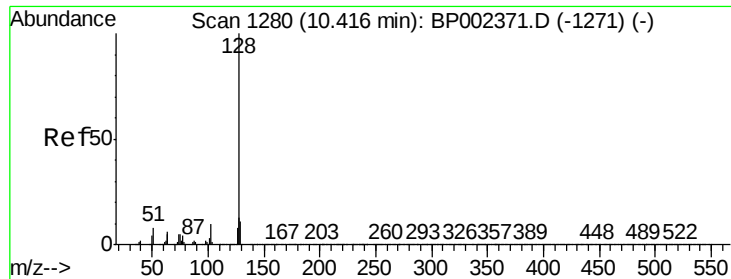
mohammad
6/15/2020 8:47:03 AM



#30
1,2,4-Trichlorobenzene
Concen: 8.303 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81007		
182	93.5	77.1	115.7	
145	29.7	23.8	35.6	





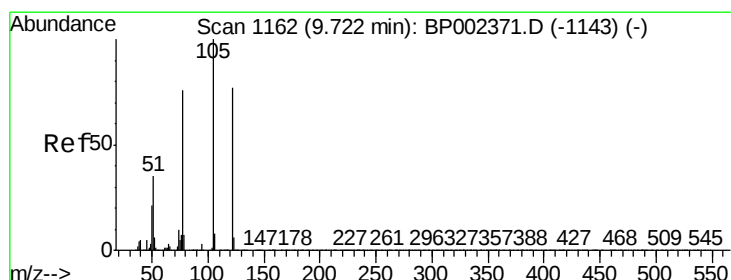
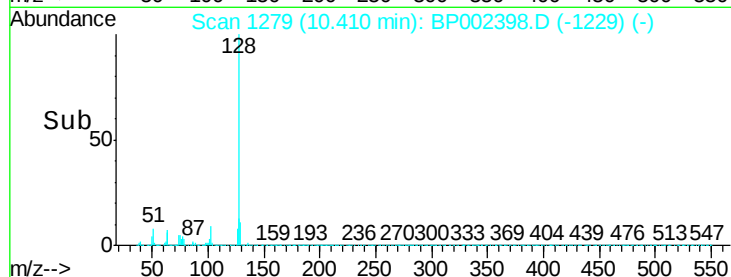
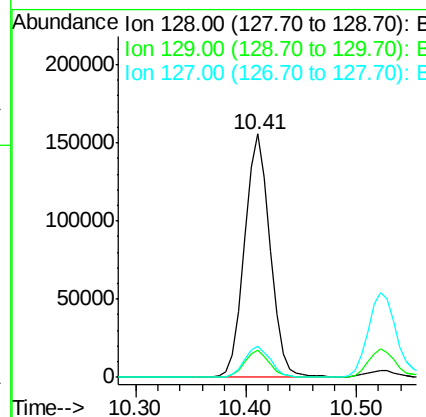
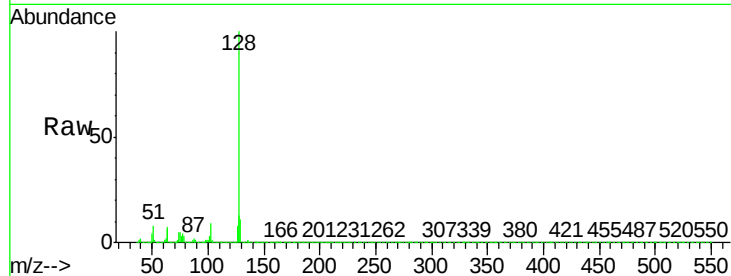
#31
Naphthalene
Concen: 8.829 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	253448		
129	11.1	8.7	13.1	
127	12.6	10.3	15.5	

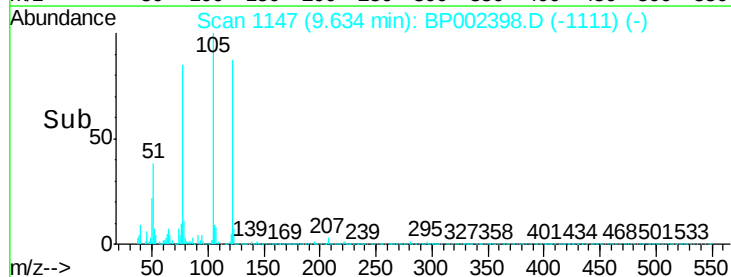
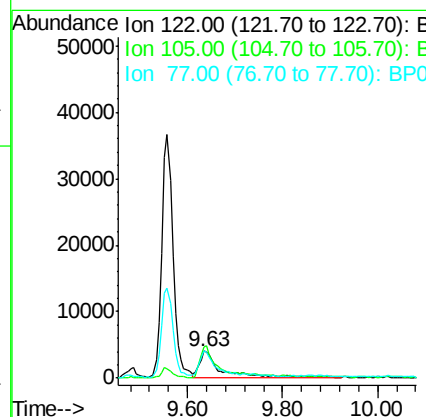
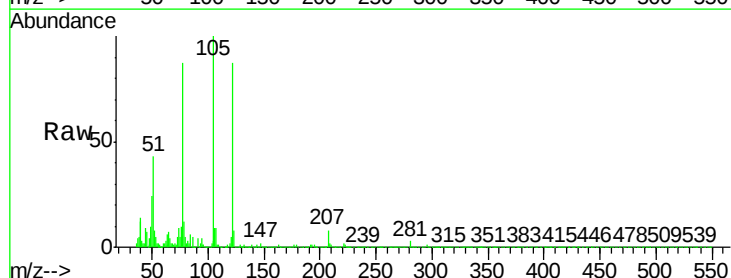
Manual Integrations
APPROVED

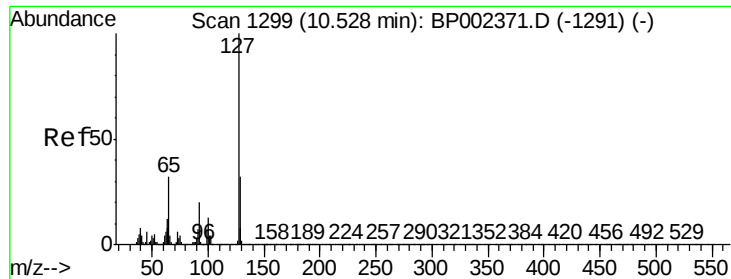
mohammad
6/15/2020 8:47:03 AM



#32
Benzoic acid
Concen: 2.409 ng m
RT: 9.63 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14253		
105	114.8	106.3	146.3	
77	99.3	77.5	117.5	





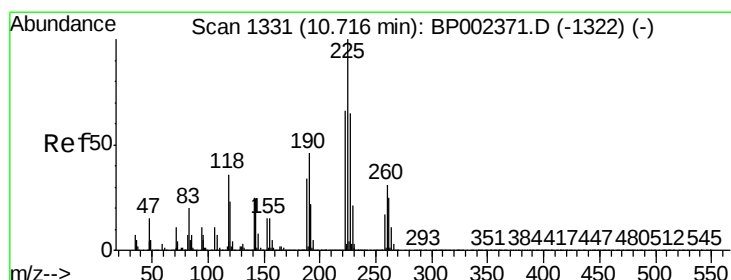
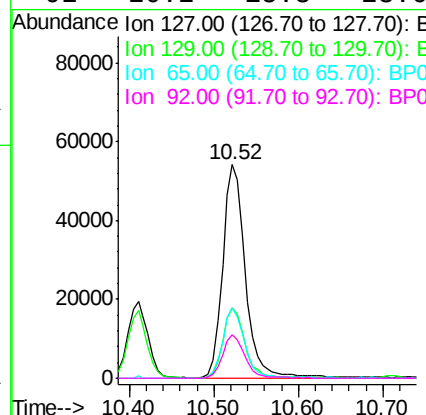
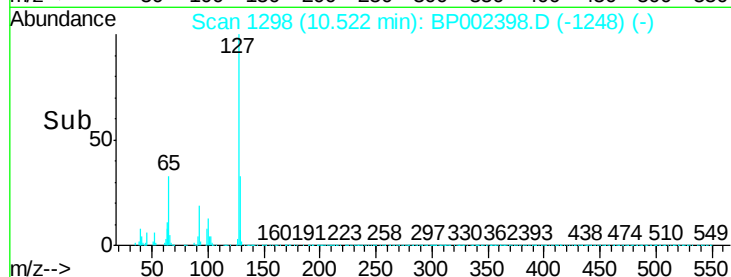
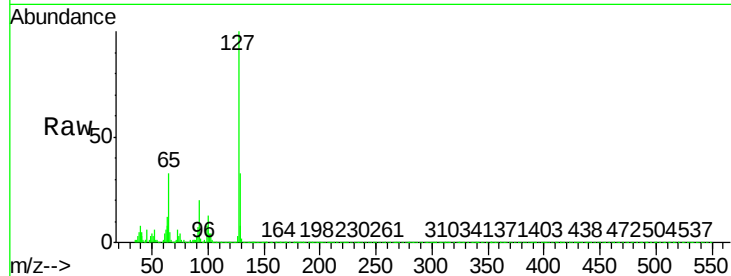
#33
4-Chloroaniline
Concen: 8.070 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.2
65	33.2	25.3	37.9
92	20.2	15.8	23.6

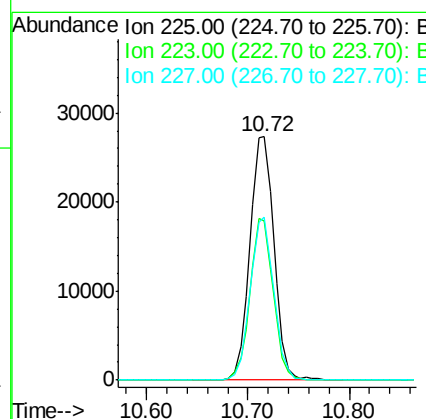
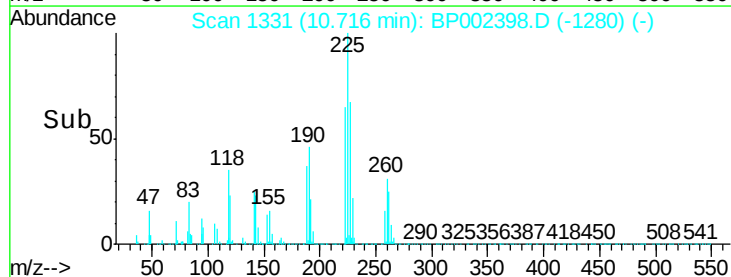
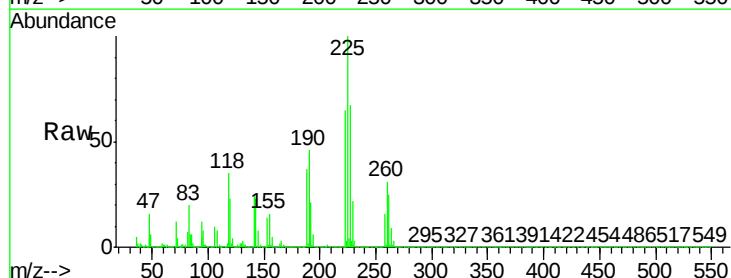
Manual Integrations
APPROVED

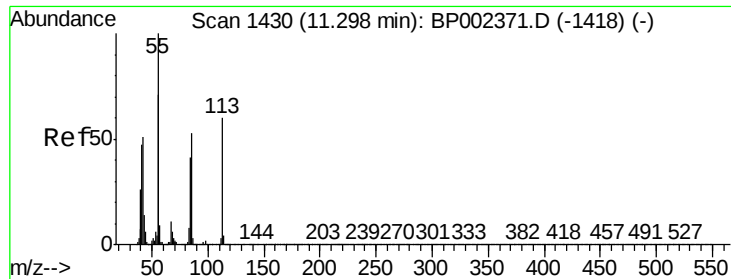
mohammad
6/15/2020 8:47:03 AM



#34
Hexachlorobutadiene
Concen: 7.941 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.6	78.8
227	66.8	52.2	78.2





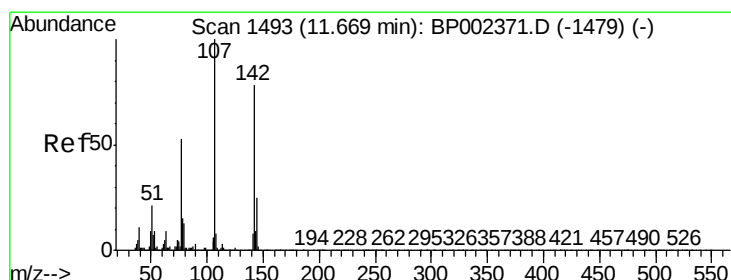
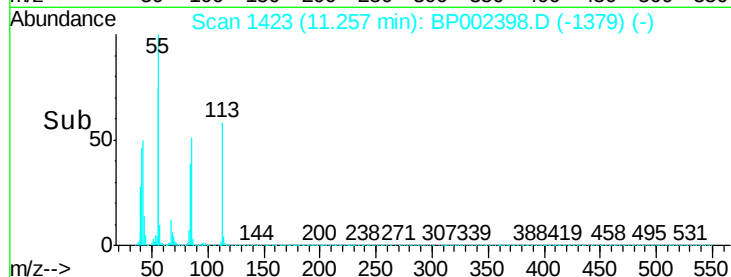
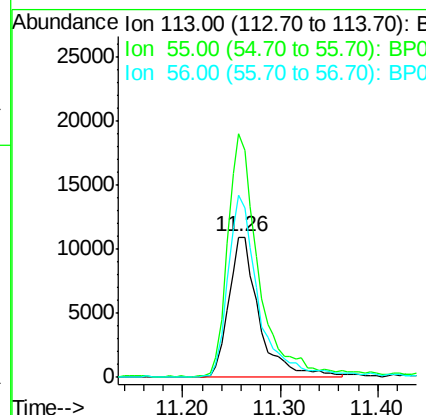
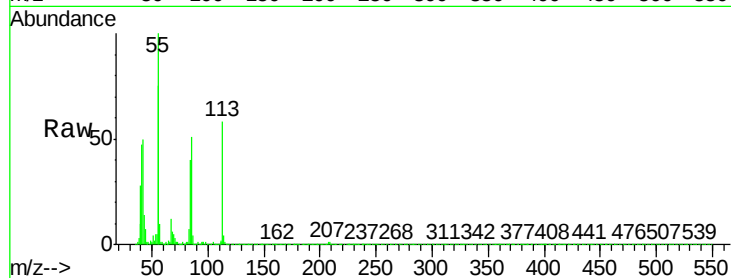
#35
Caprolactam
Concen: 7.700 ng
RT: 11.26 min Scan# 1423
Delta R.T. -0.04 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		23770		
55	173.4		147.9	187.9	
56	129.8		99.9	139.9	

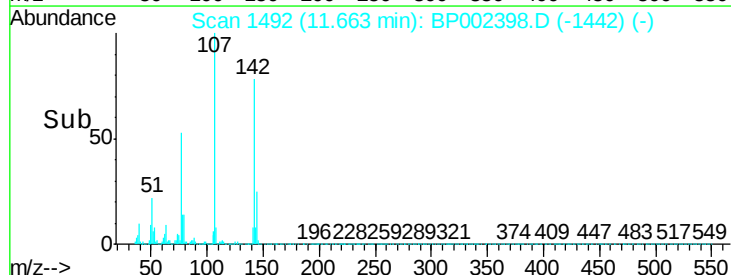
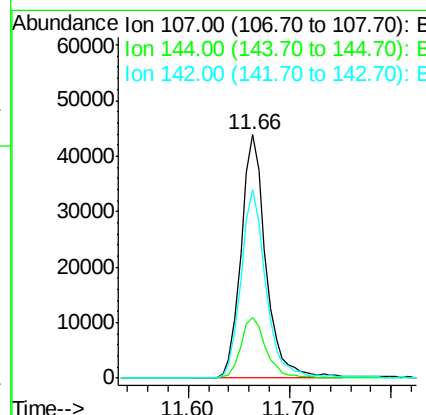
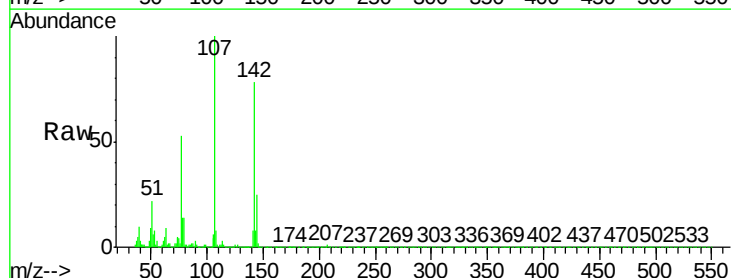
Manual Integrations
APPROVED

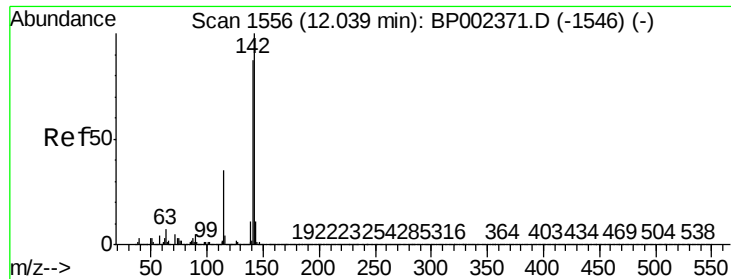
mohammad
6/15/2020 8:47:03 AM



#36
4-Chloro-3-methylphenol
Concen: 7.878 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		74609		
144	24.8		20.4	30.6	
142	77.7		62.2	93.4	





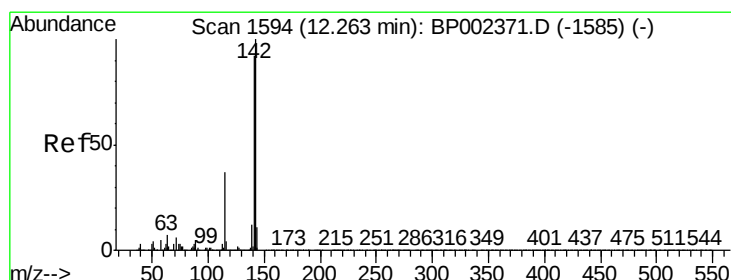
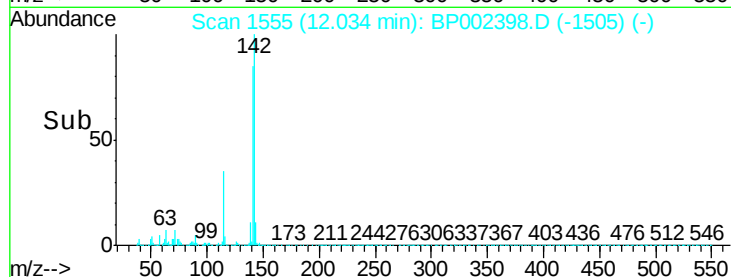
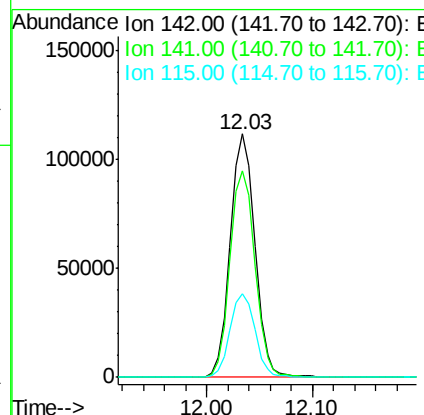
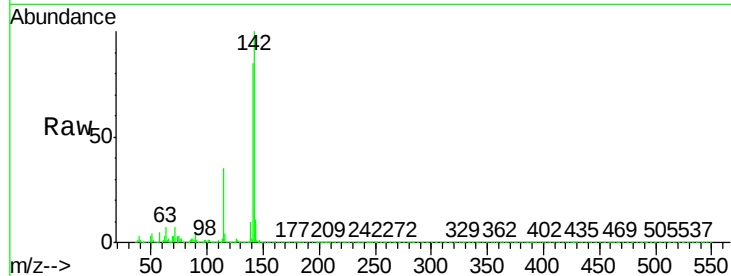
#37
2-Methylnaphthalene
Concen: 8.860 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	84.8	69.7	104.5
115	34.6	27.8	41.8

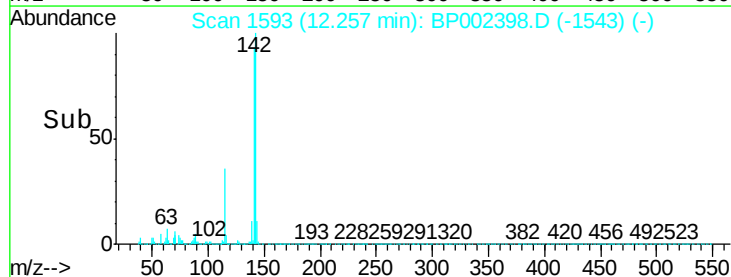
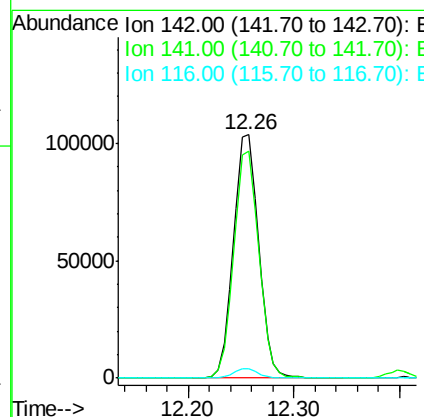
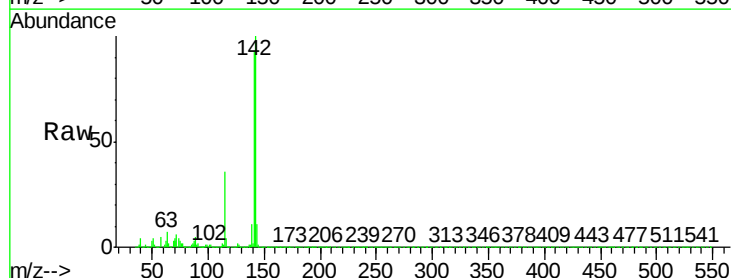
Manual Integrations
APPROVED

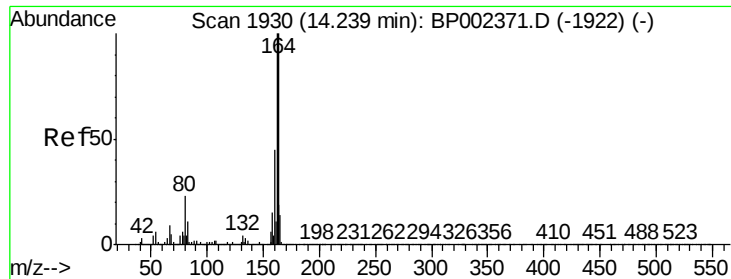
mohammad
6/15/2020 8:47:03 AM



#38
1-Methylnaphthalene
Concen: 8.918 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	93.5	73.6	110.4
116	3.6	3.1	4.7





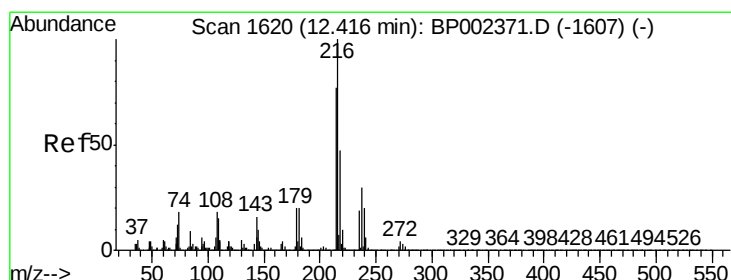
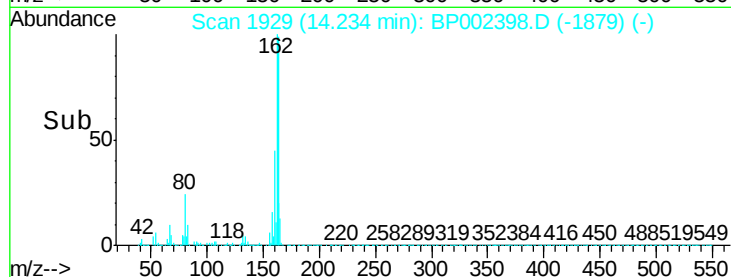
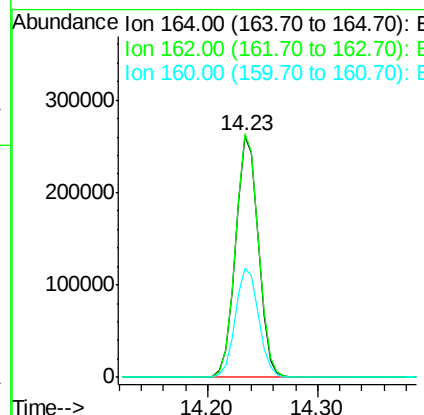
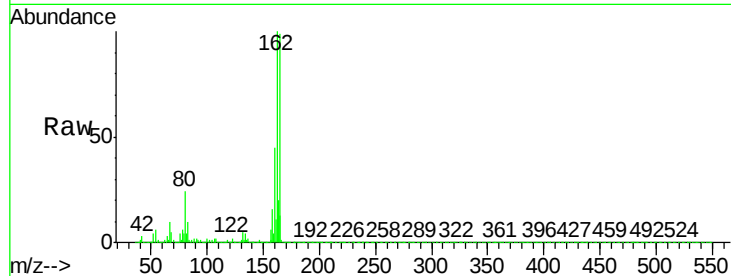
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.8	119.8
160	45.1	36.2	54.2

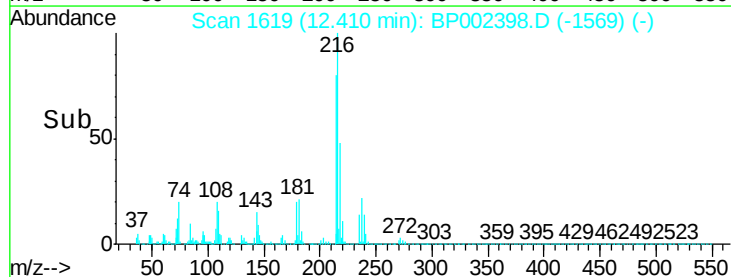
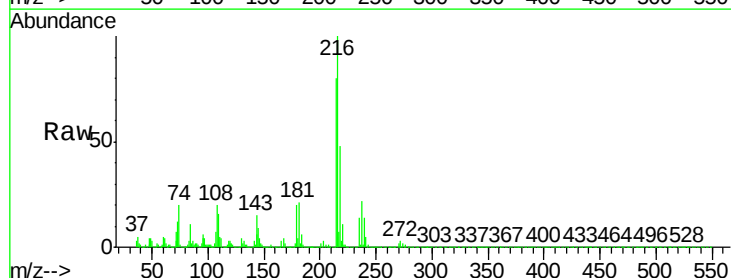
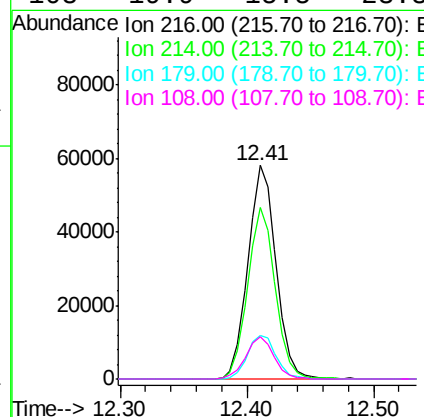
Manual Integrations
APPROVED

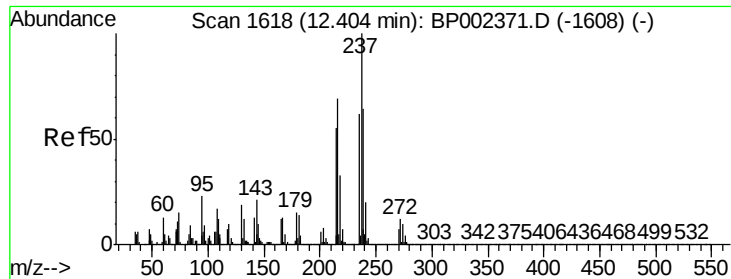
mohammad
6/15/2020 8:47:03 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.934 ng
RT: 12.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	94.0
179	21.1	16.4	24.6
108	19.9	15.5	23.3





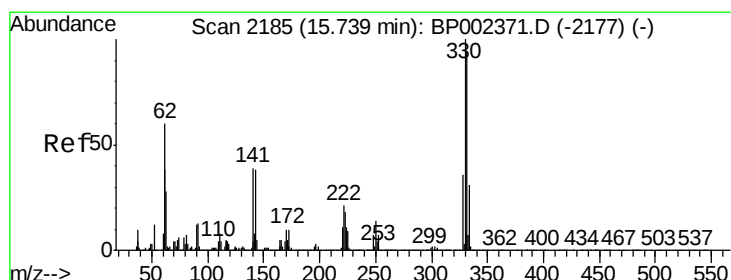
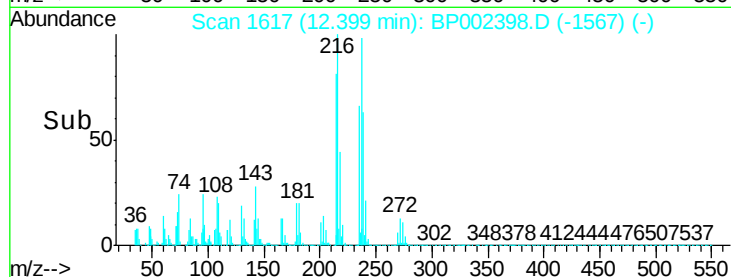
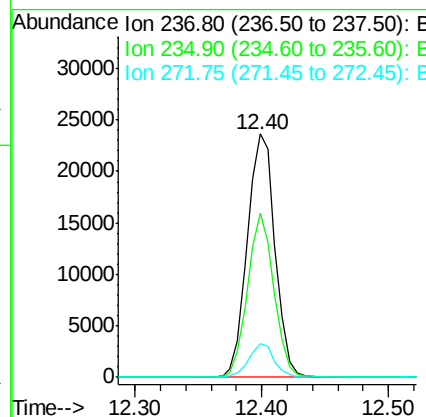
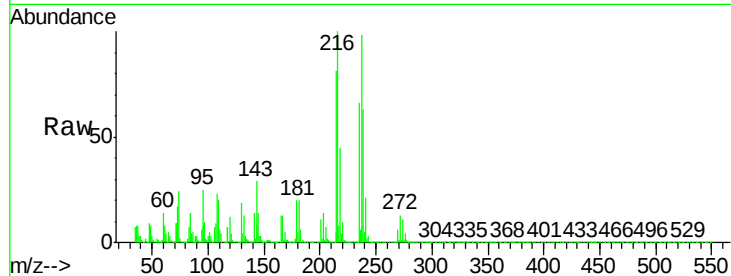
#41
Hexachlorocyclopentadiene
Concen: 6.729 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	67.5	42.0	82.0
272	13.6	0.0	32.5

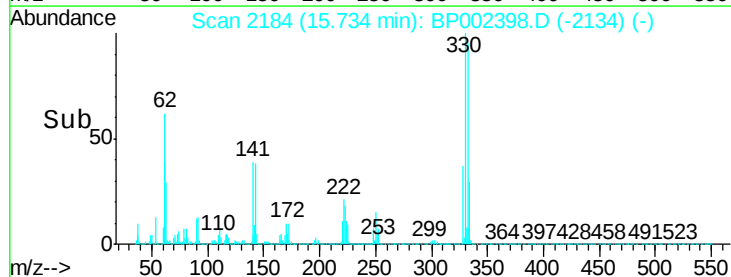
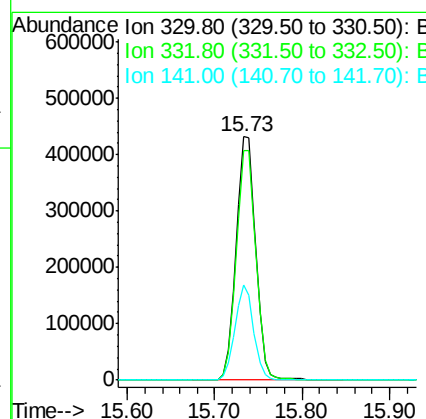
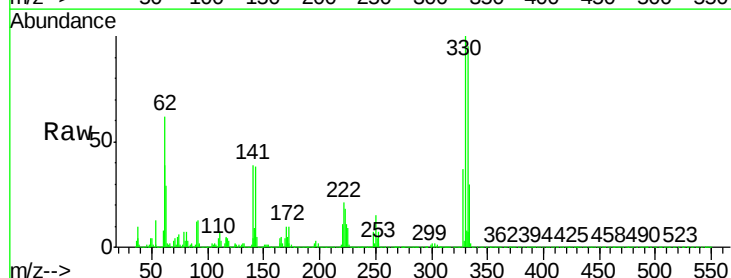
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#42
2,4,6-Tribromophenol
Concen: 181.197 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	37.6	30.3	45.5





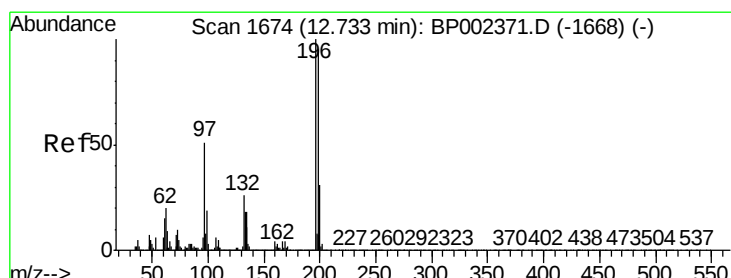
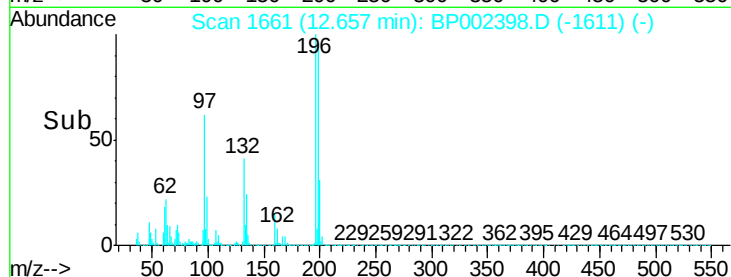
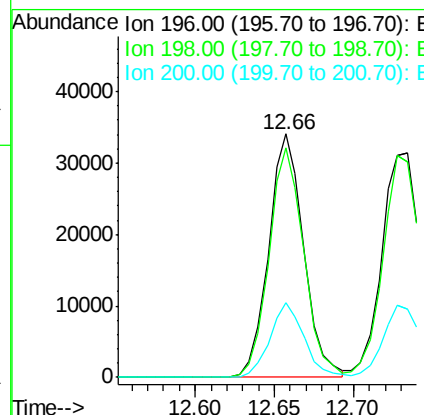
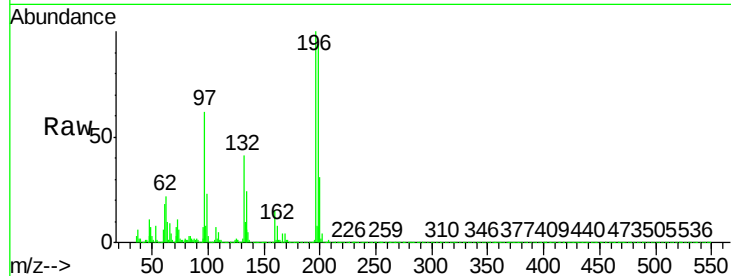
#43
2,4,6-Trichlorophenol
Concen: 7.353 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.6	115.0
200	30.6	24.7	37.1

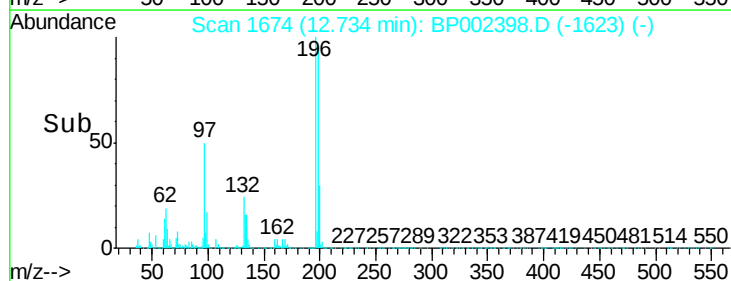
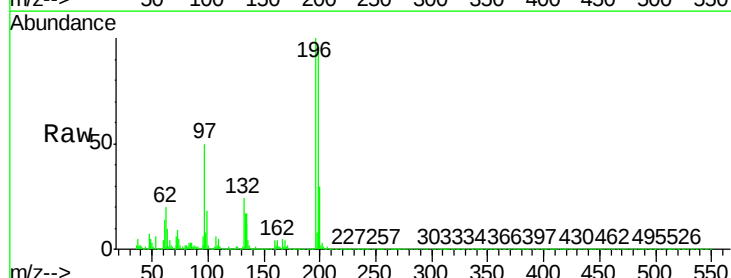
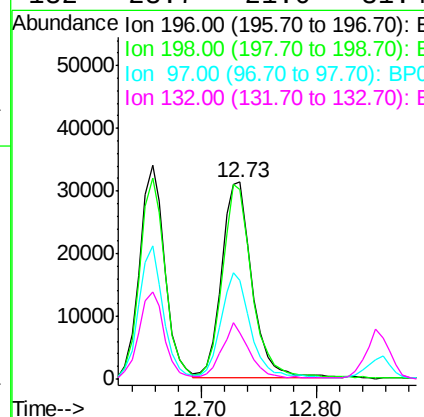
Manual Integrations
APPROVED

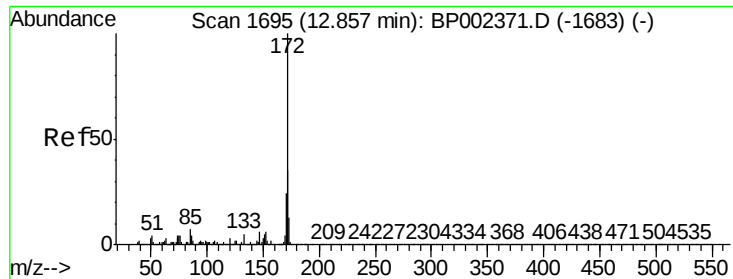
mohammad
6/15/2020 8:47:03 AM



#44
2,4,5-Trichlorophenol
Concen: 6.920 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
97	50.4	40.6	61.0
132	23.7	21.0	31.4





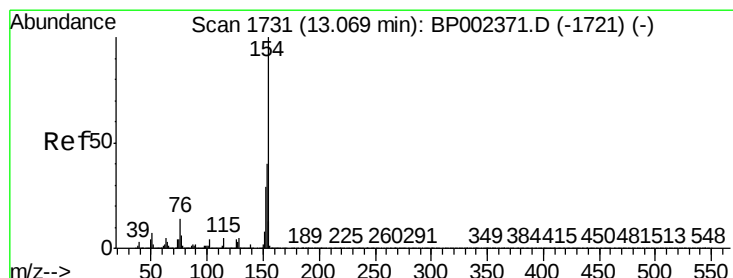
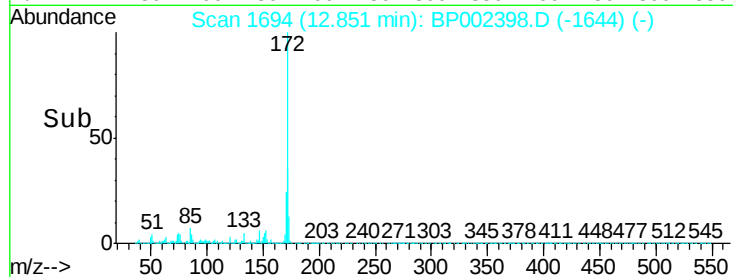
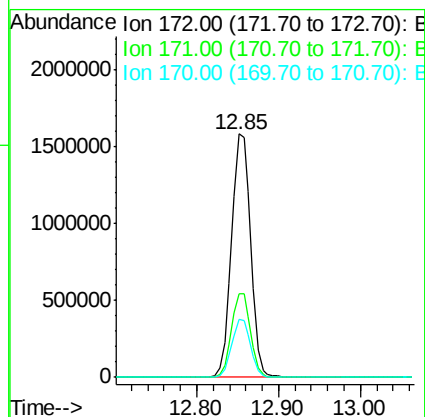
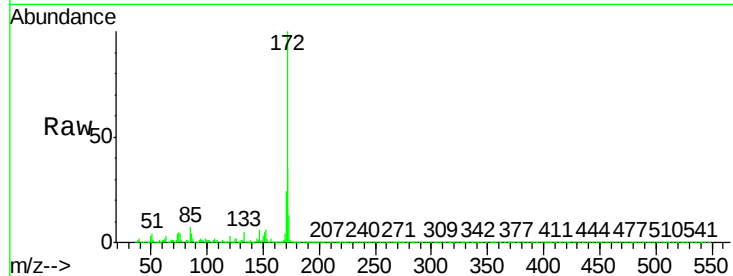
#45
2-Fluorobiphenyl
Concen: 114.668 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.7	19.0	28.6

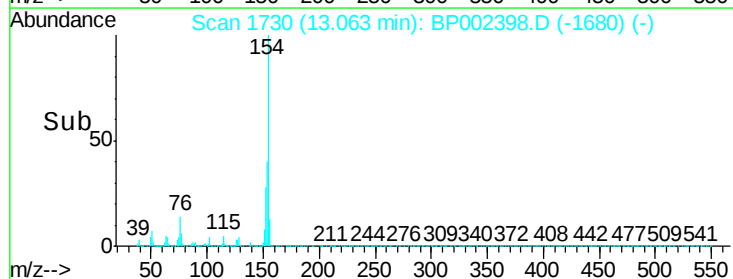
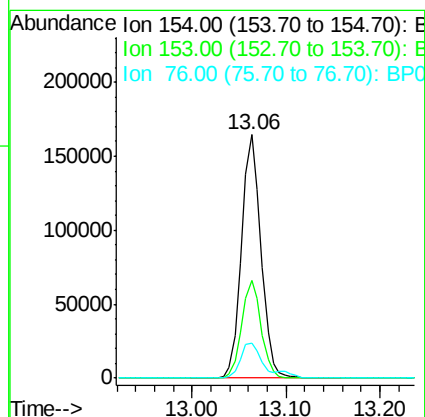
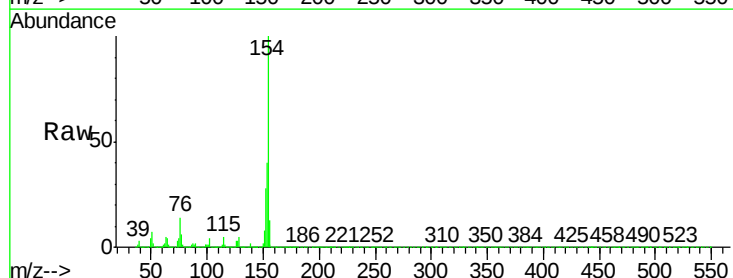
Manual Integrations
APPROVED

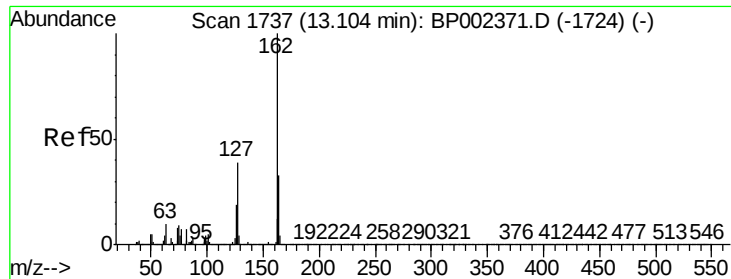
mohammad
6/15/2020 8:47:03 AM



#46
1,1'-Biphenyl
Concen: 9.527 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	14.1	0.0	34.2





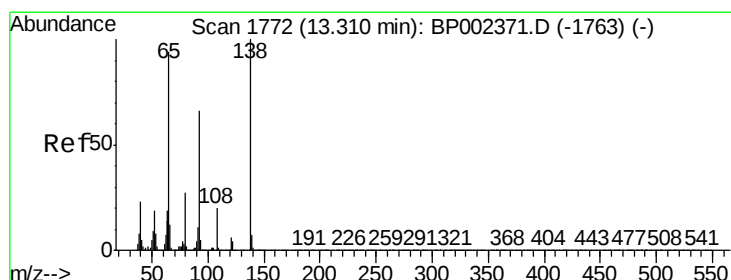
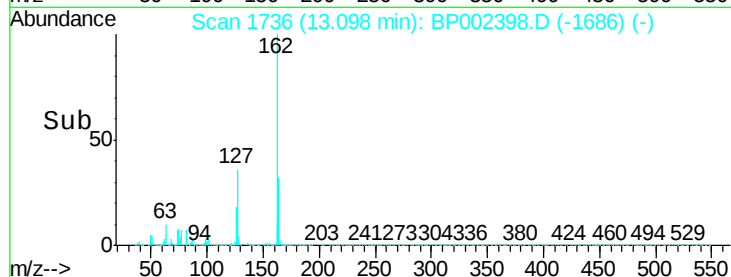
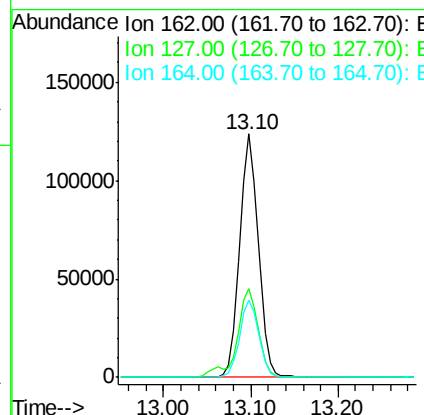
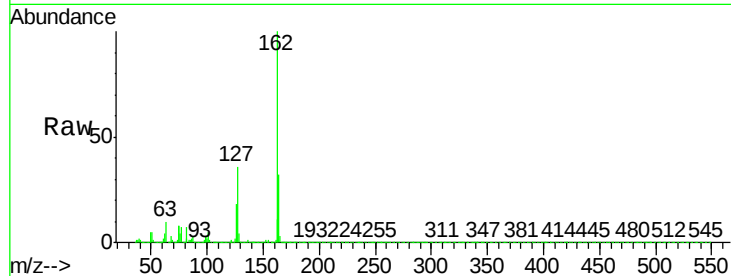
#47
2-Chloronaphthalene
Concen: 8.786 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.3	31.0	46.4
164	31.8	26.6	40.0

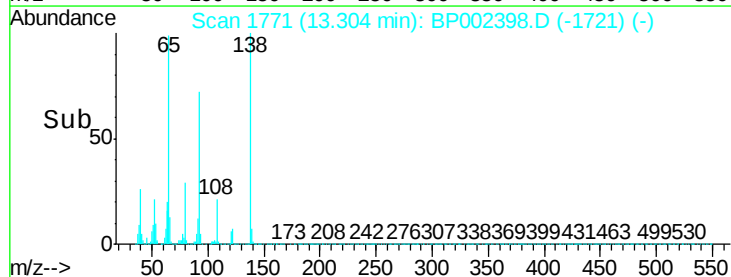
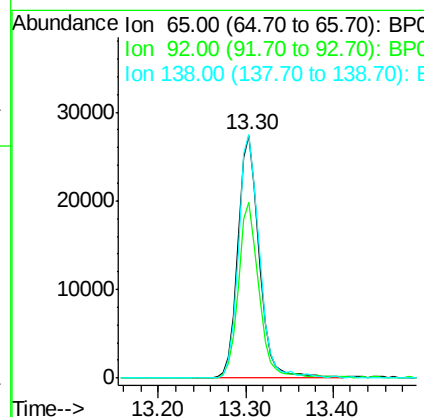
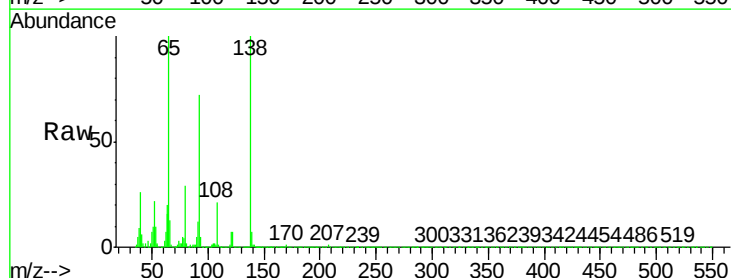
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#48
2-Nitroaniline
Concen: 6.945 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.6	56.3	84.5
138	100.4	85.0	127.6





#49

Acenaphthylene

Concen: 8.604 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

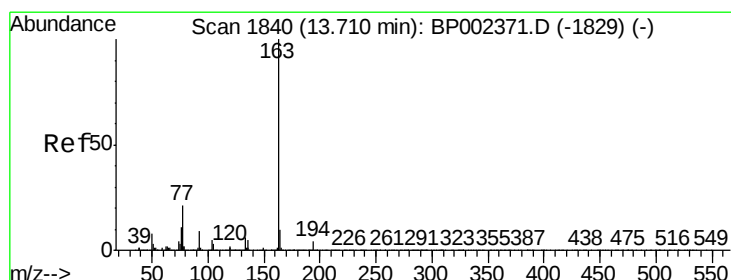
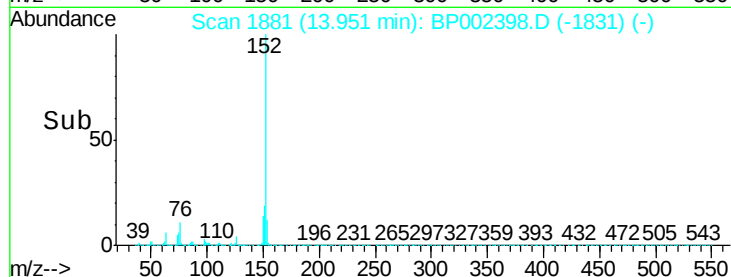
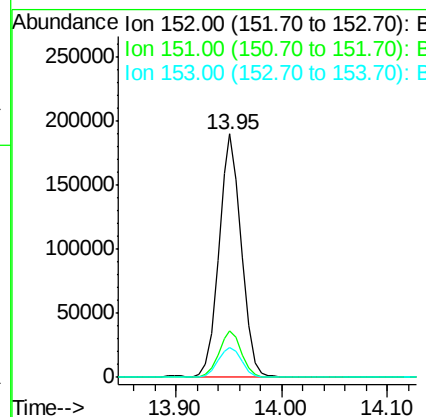
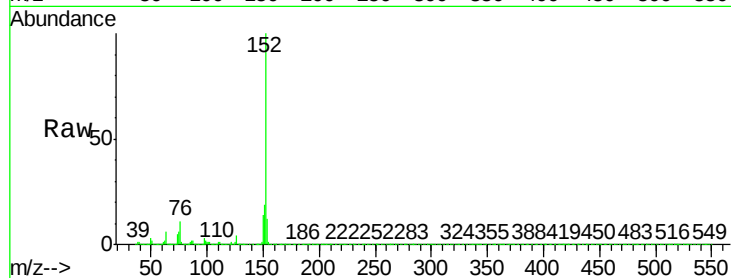
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.3	10.5	15.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#50

Dimethylphthalate

Concen: 8.156 ng

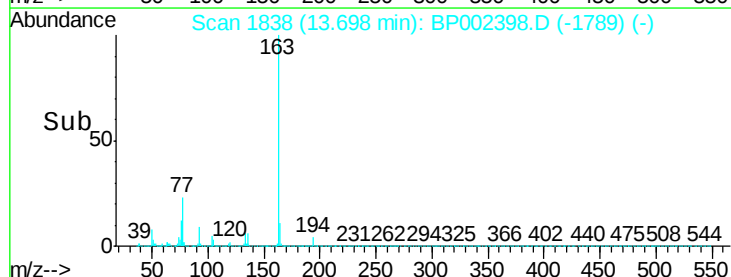
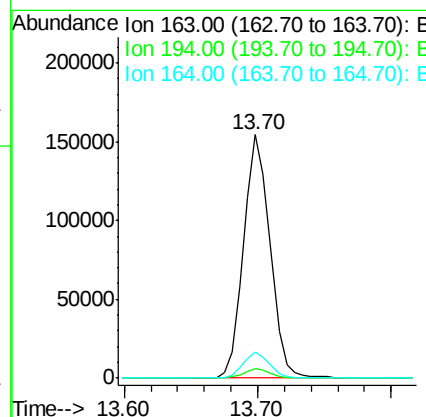
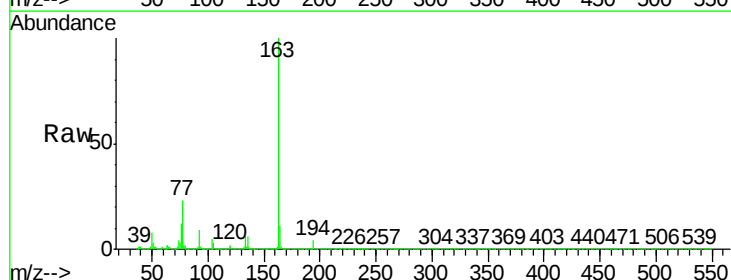
RT: 13.70 min Scan# 1838

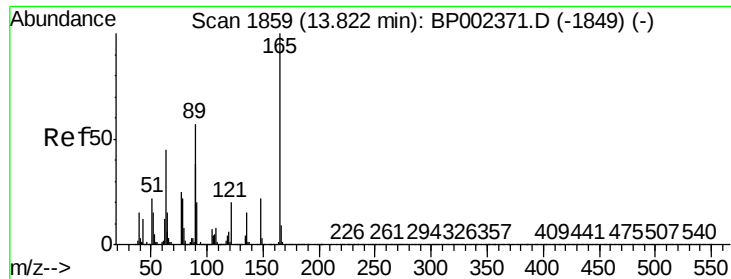
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	8.1	12.1





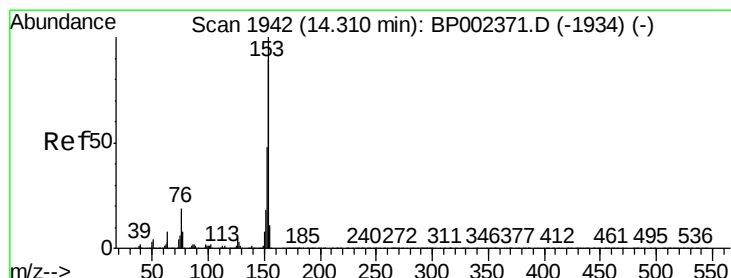
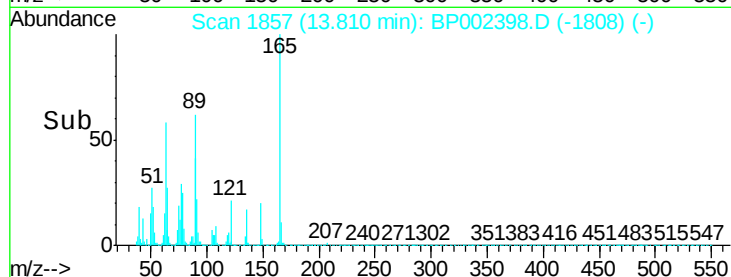
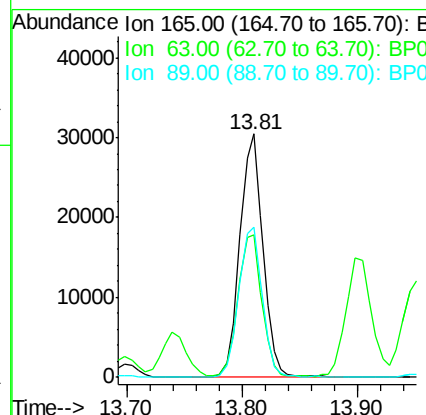
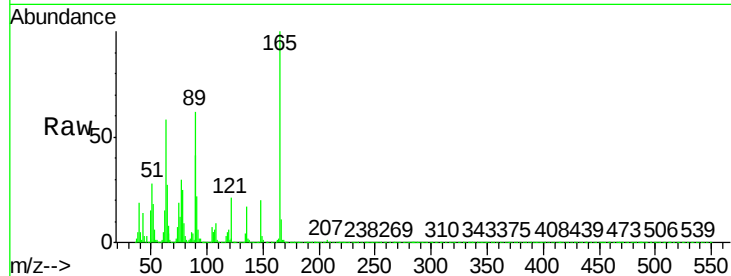
#51
2,6-Dinitrotoluene
Concen: 7.489 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	43.1	64.7
89	61.9	45.3	67.9

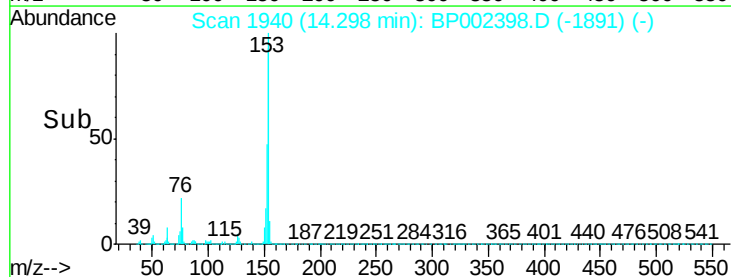
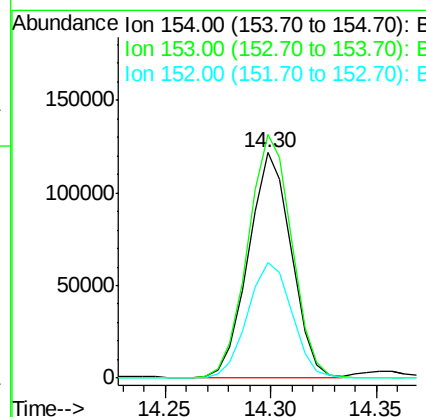
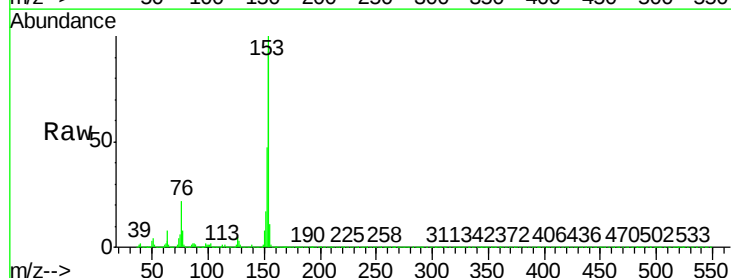
Manual Integrations
APPROVED

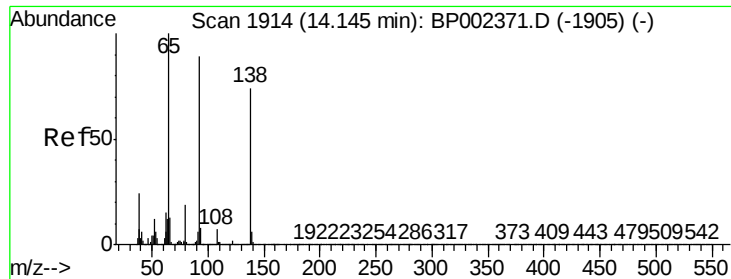
mohammad
6/15/2020 8:47:03 AM



#52
Acenaphthene
Concen: 9.056 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.0	89.5	134.3
152	51.1	43.3	64.9





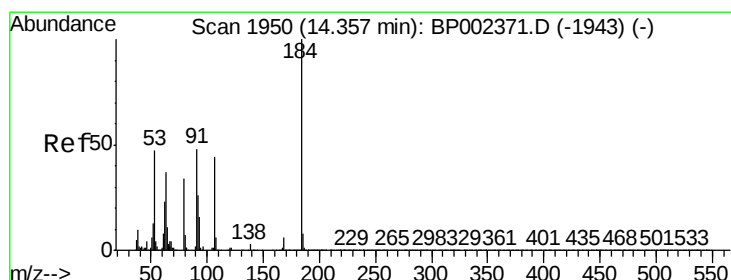
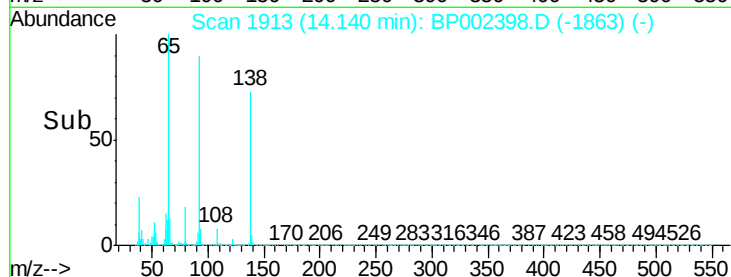
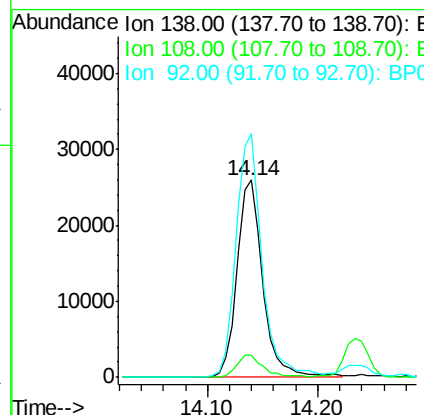
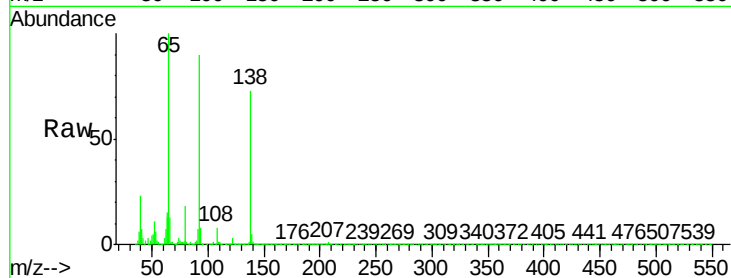
#53
3-Nitroaniline
Concen: 6.639 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	123.4	96.2	144.2

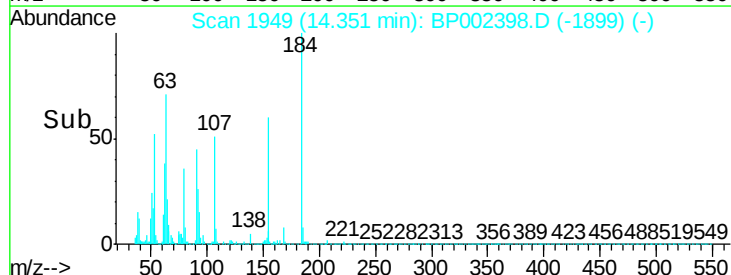
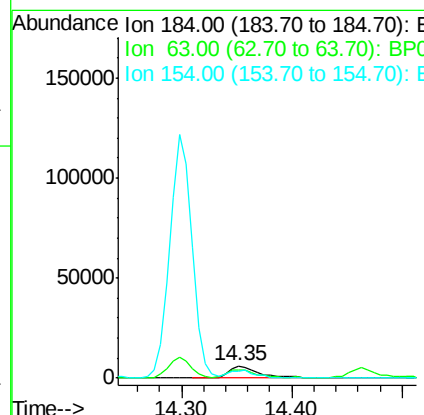
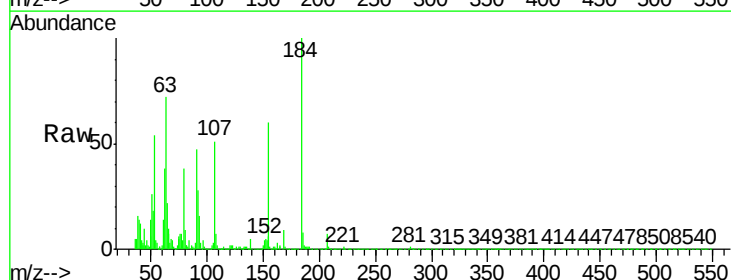
Manual Integrations
APPROVED

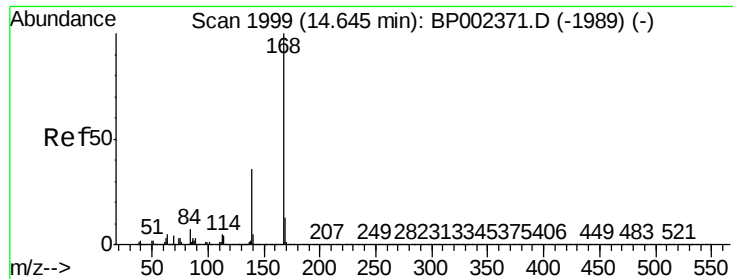
mohammad
6/15/2020 8:47:03 AM



#54
2,4-Dinitrophenol
Concen: 3.838 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.2	52.3	78.5
154	60.1	48.6	72.8





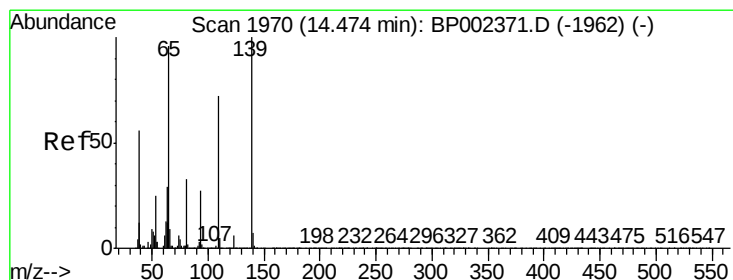
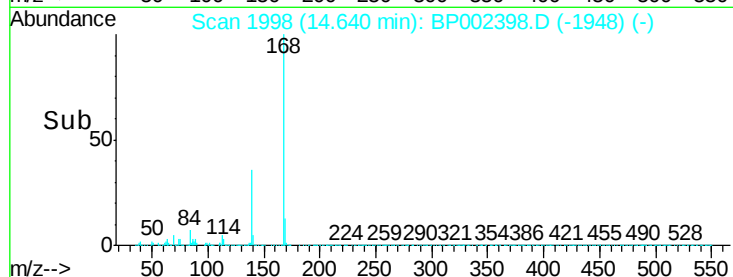
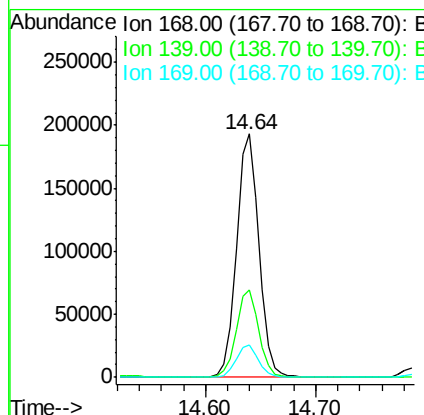
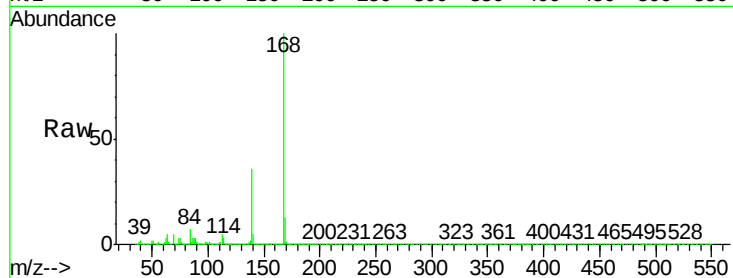
#55
Dibenzofuran
Concen: 8.954 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.9	43.3
169	13.1	10.6	15.8

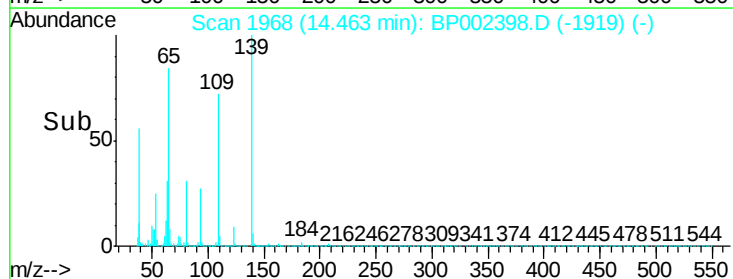
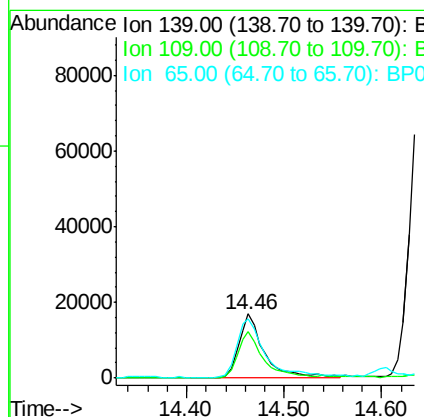
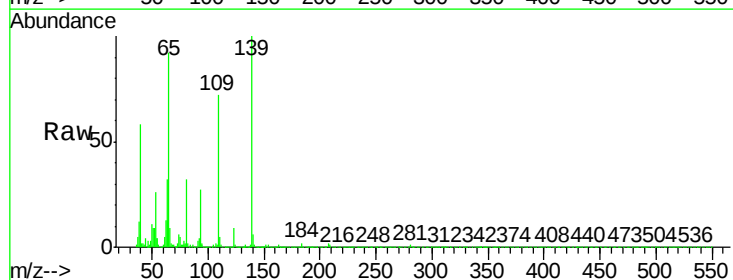
Manual Integrations
APPROVED

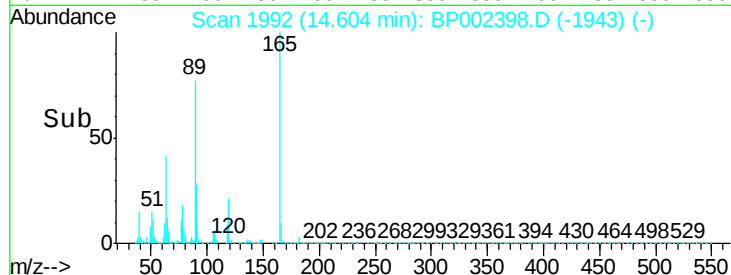
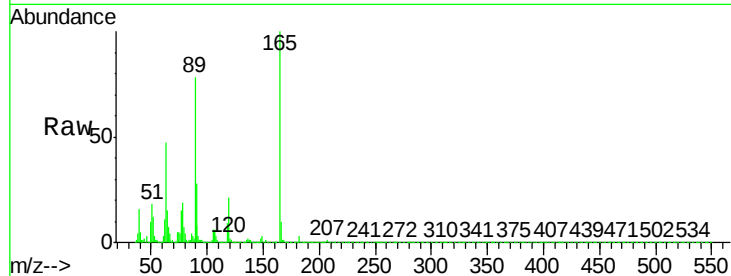
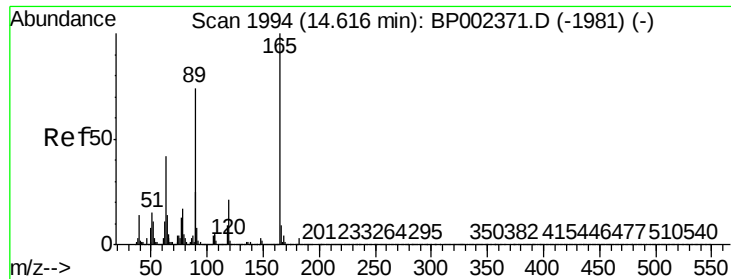
mohammad
6/15/2020 8:47:03 AM



#56
4-Nitrophenol
Concen: 6.026 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	52.0	92.0
65	91.8	76.3	116.3





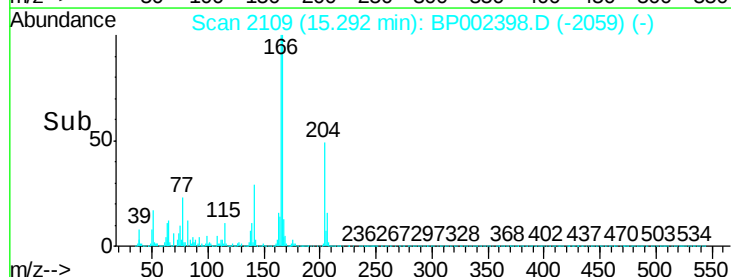
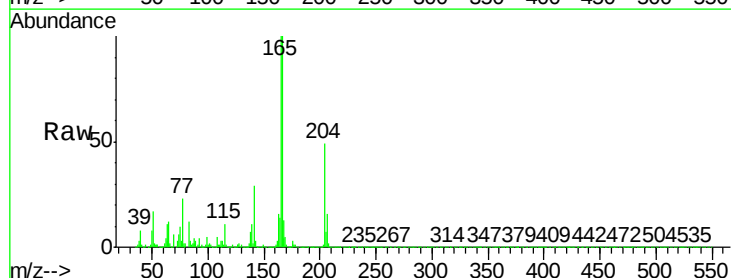
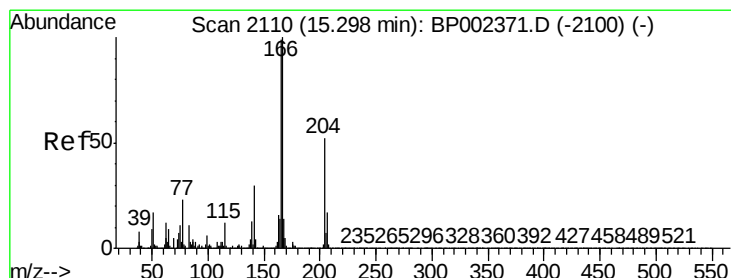
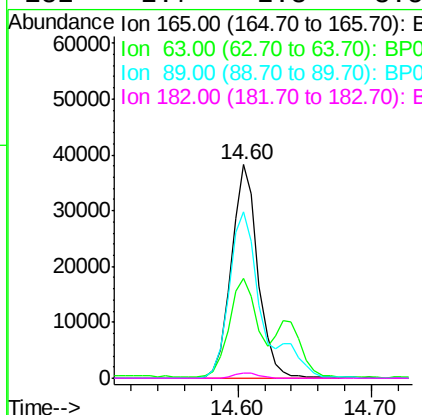
#57
2,4-Dinitrotoluene
Concen: 6.937 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	34.2	51.2
89	78.1	59.3	88.9
182	2.7	2.3	3.5

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

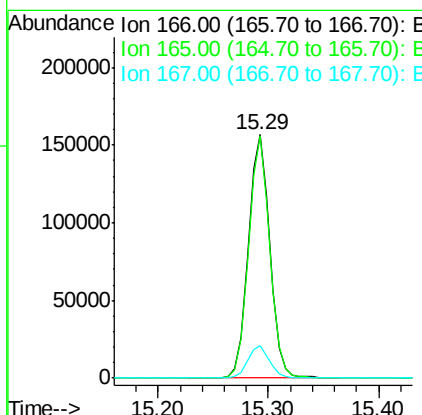
Manual Integrations
APPROVED

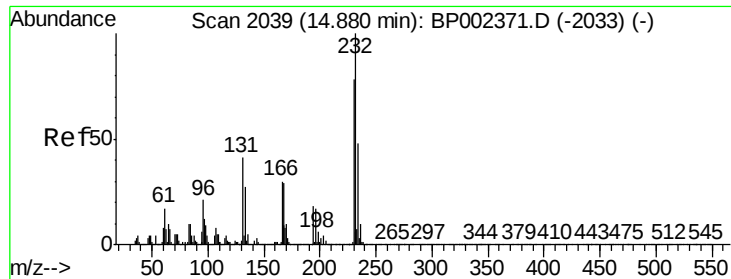
mohammad
6/15/2020 8:47:03 AM



#58
Fluorene
Concen: 8.879 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	13.1	11.0	16.4





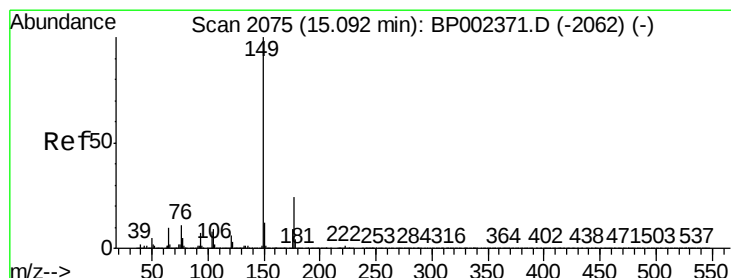
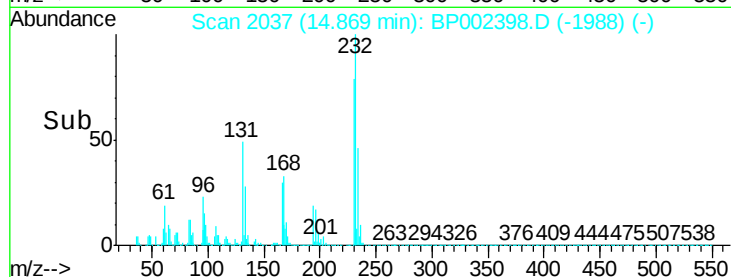
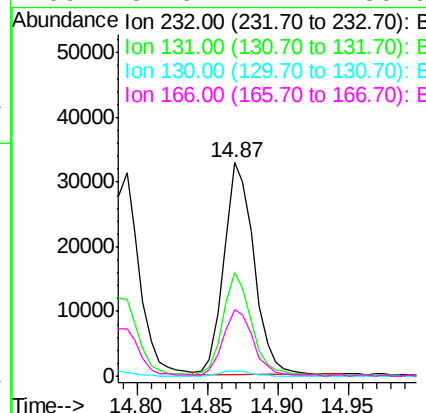
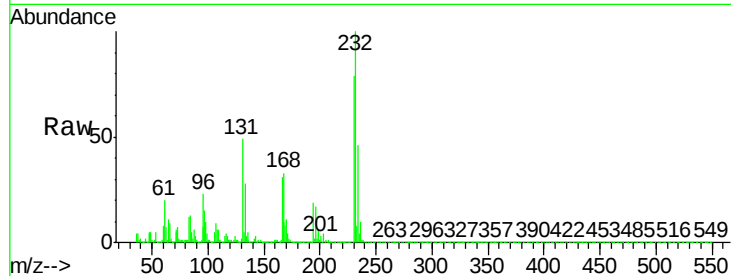
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.476 ng
RT: 14.87 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	35.1	52.7
130	2.6	1.8	2.8
166	31.6	24.4	36.6

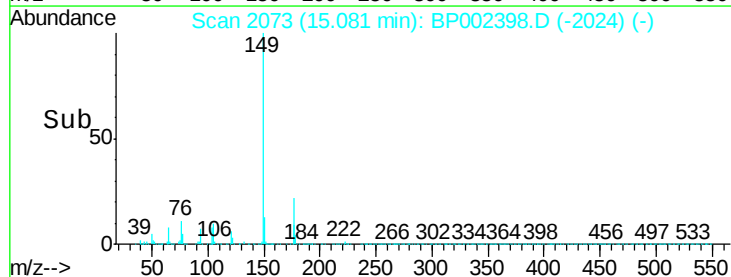
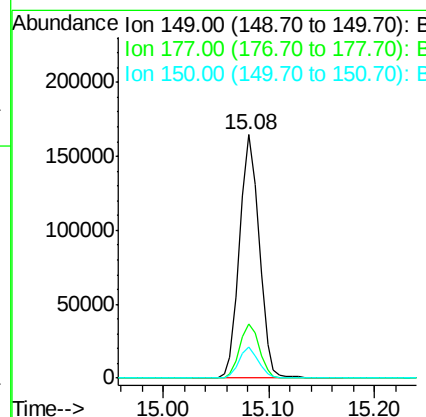
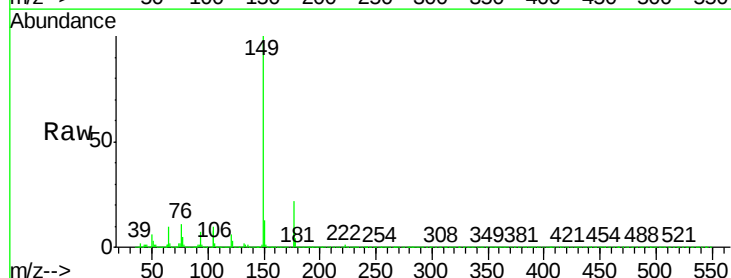
Manual Integrations
APPROVED

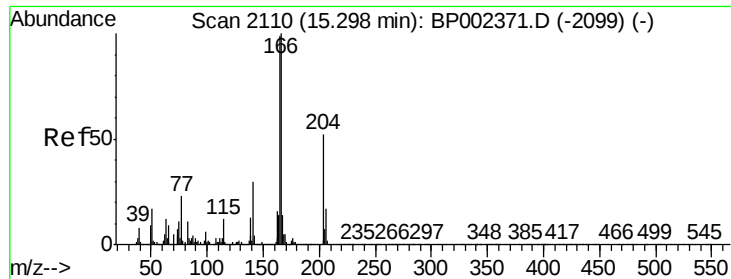
mohammad
6/15/2020 8:47:03 AM



#60
Diethylphthalate
Concen: 8.100 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.9	28.3
150	12.7	9.9	14.9





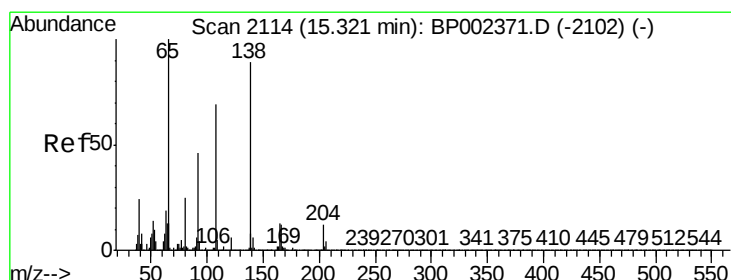
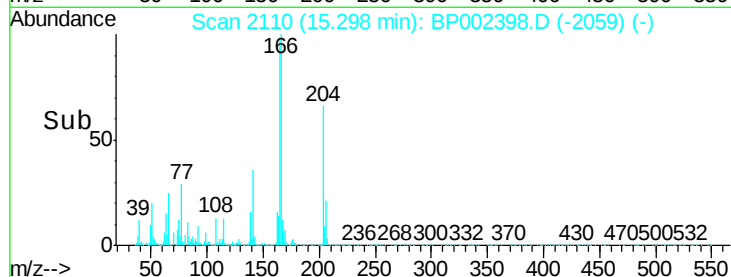
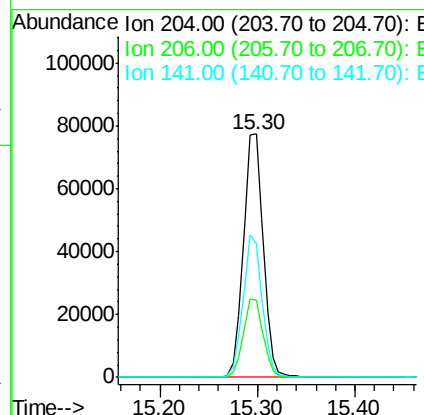
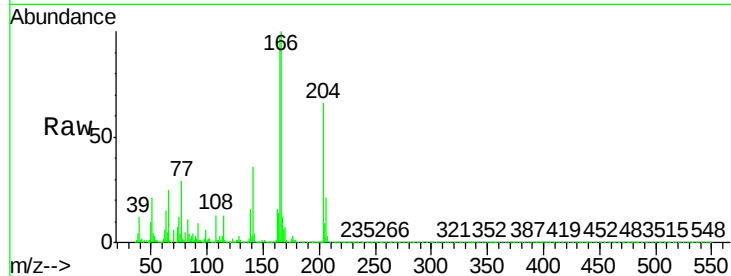
#61
4-Chlorophenyl-phenylether
Concen: 9.399 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.8	40.2
141	54.6	46.6	69.8

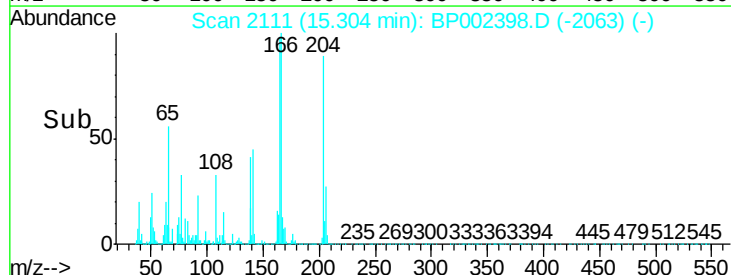
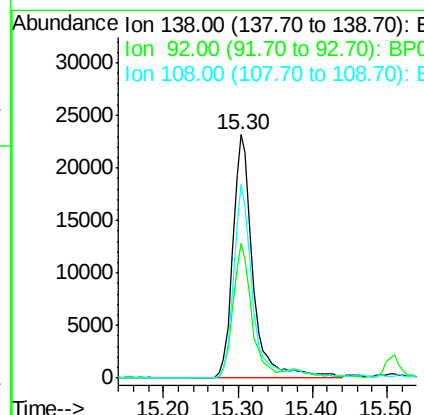
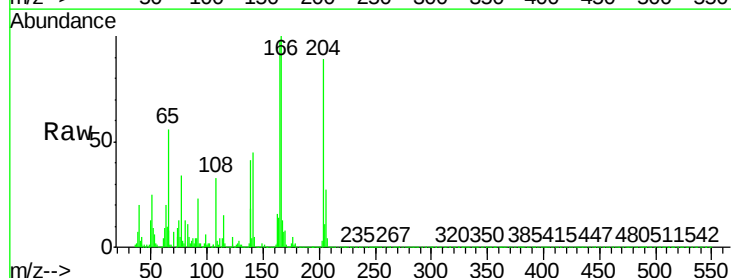
Manual Integrations
APPROVED

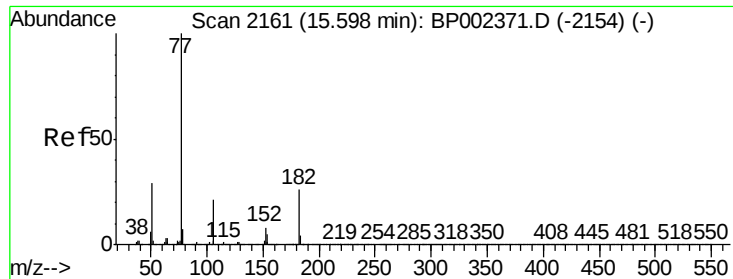
mohammad
6/15/2020 8:47:03 AM



#62
4-Nitroaniline
Concen: 7.073 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	31.7	71.7
108	79.4	57.5	97.5





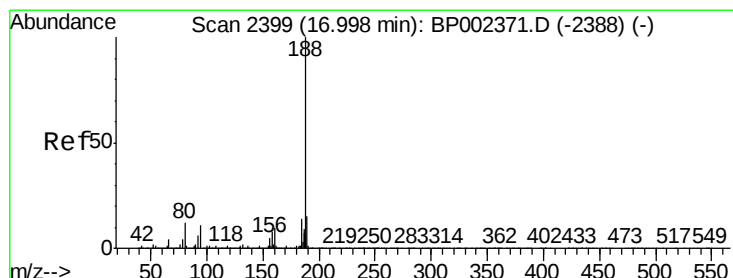
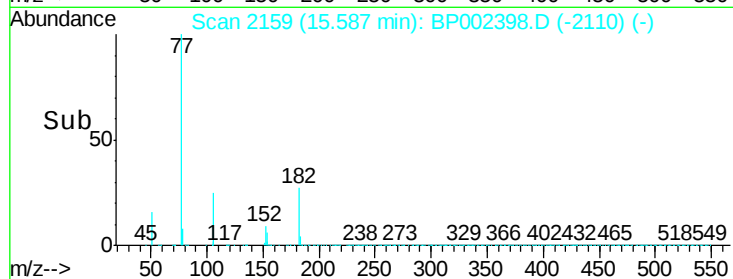
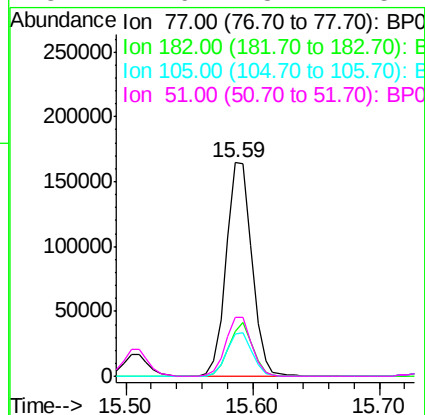
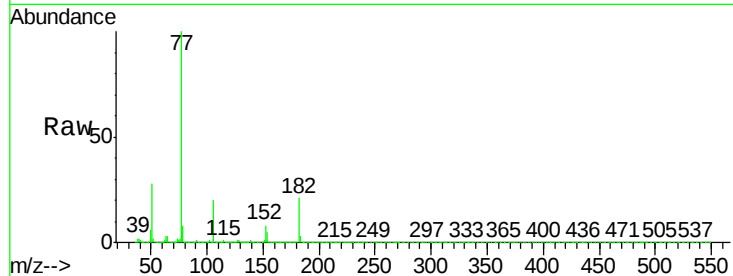
#63
Azobenzene
Concen: 8.846 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		229180		
182	21.2	6.0	46.0		
105	20.0	1.3	41.3		
51	27.6	8.7	48.7		

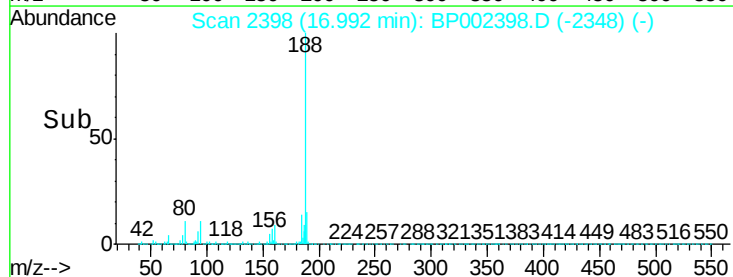
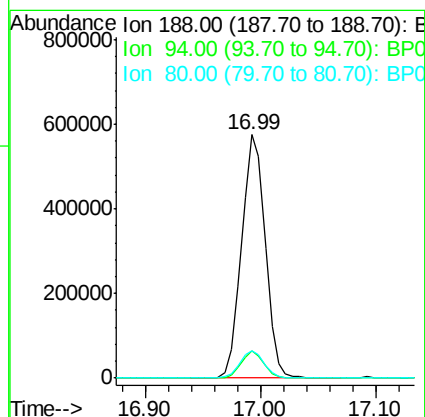
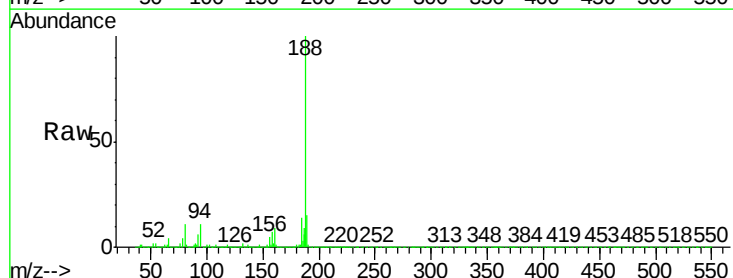
Manual Integrations
APPROVED

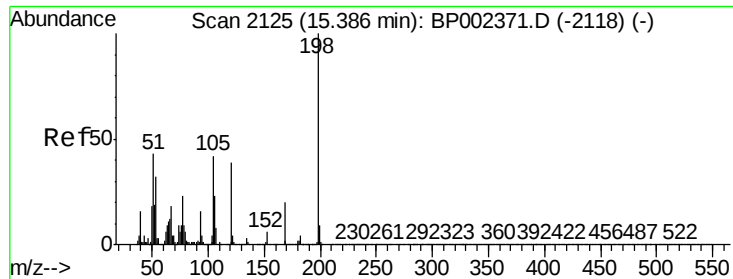
mohammad
6/15/2020 8:47:03 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		818178		
94	11.0	8.5	12.7		
80	11.2	9.4	14.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 6.014 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

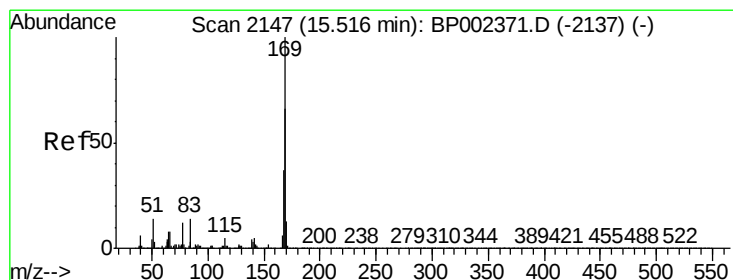
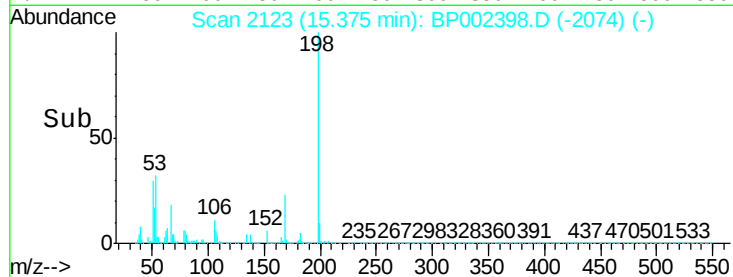
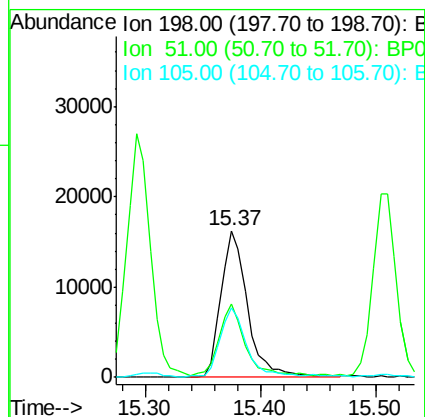
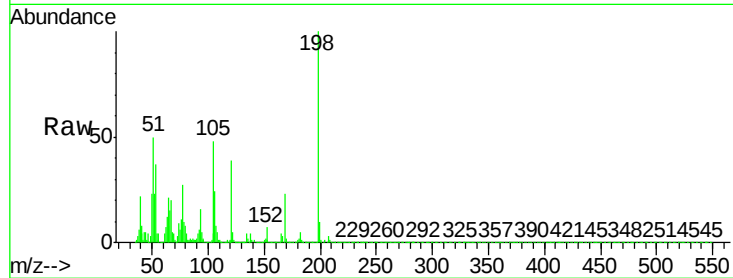
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	198	Resp:	25966
Ion Ratio	Lower	Upper	
198	100		
51	50.1	23.4	63.4
105	47.7	22.5	62.5

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#66

n-Nitrosodiphenylamine

Concen: 8.996 ng

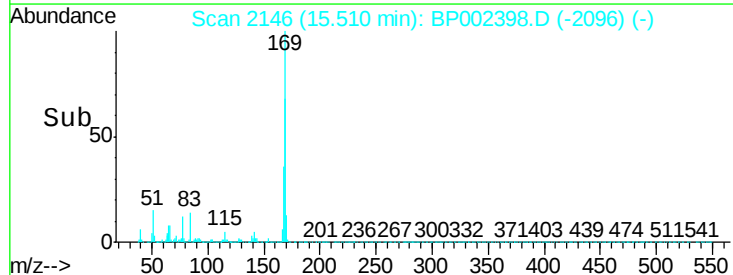
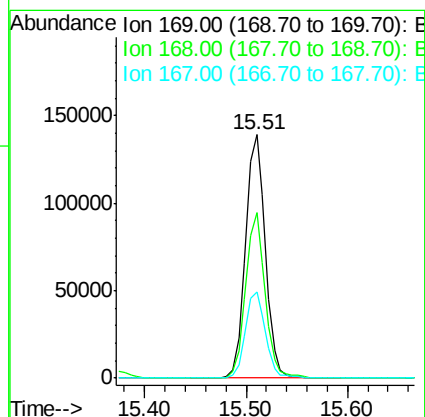
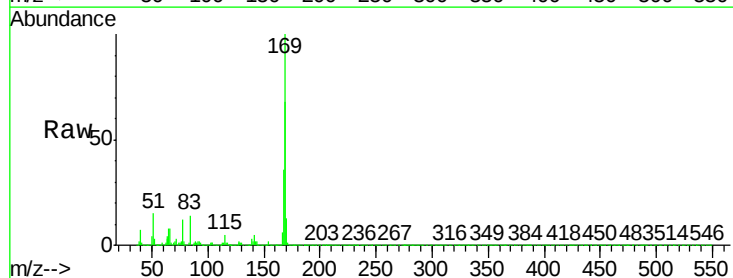
RT: 15.51 min Scan# 2146

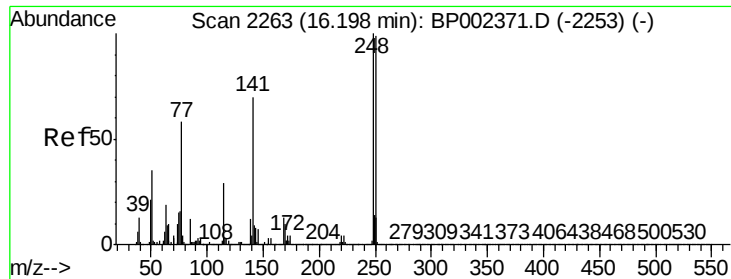
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	169	Resp:	188023
Ion Ratio	Lower	Upper	
169	100		
168	68.1	52.8	79.2
167	35.5	29.4	44.0





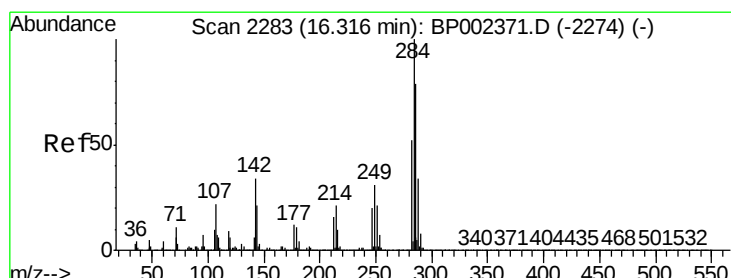
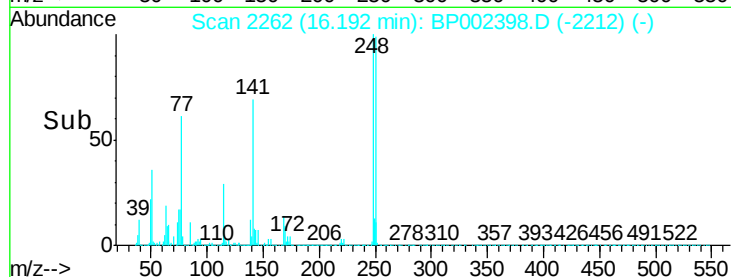
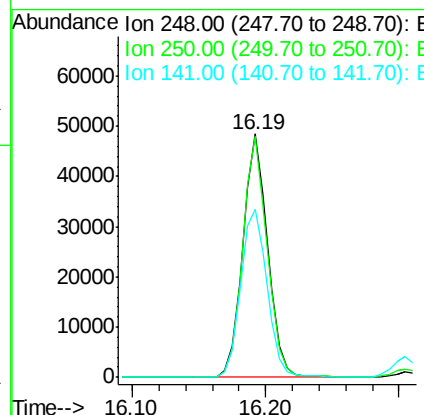
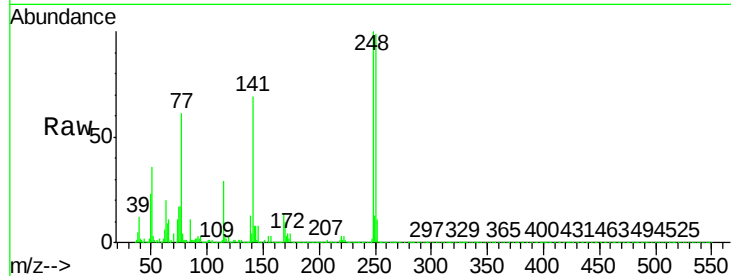
#67
4-Bromophenyl-phenylether
Concen: 8.030 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.3	118.9
141	69.1	55.7	83.5

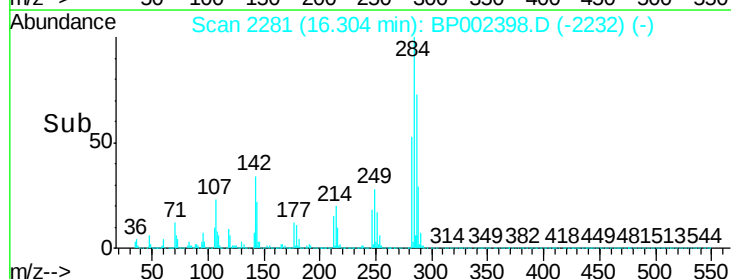
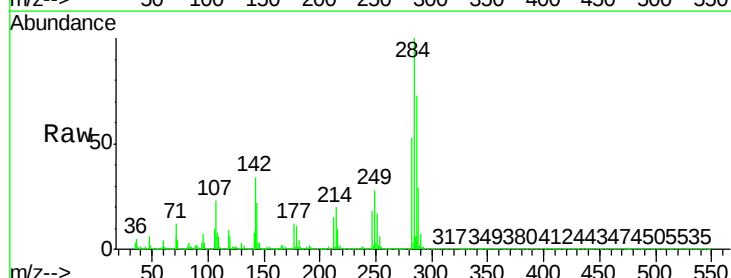
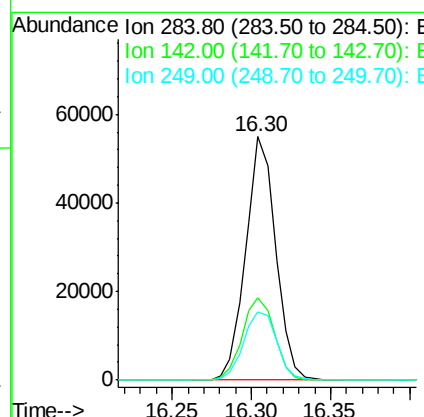
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#68
Hexachlorobenzene
Concen: 8.795 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	27.4	41.0
249	28.2	24.9	37.3





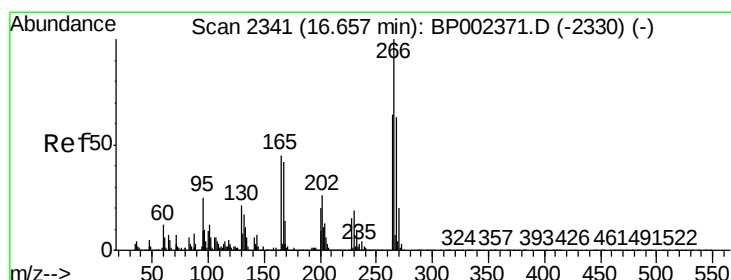
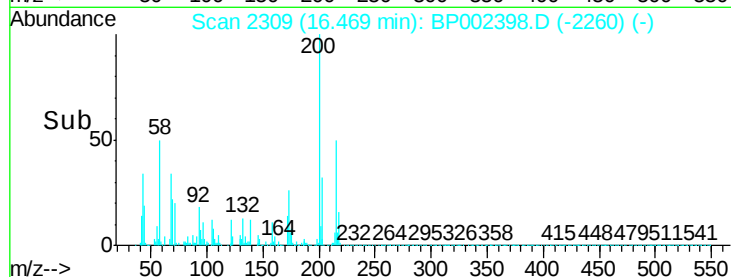
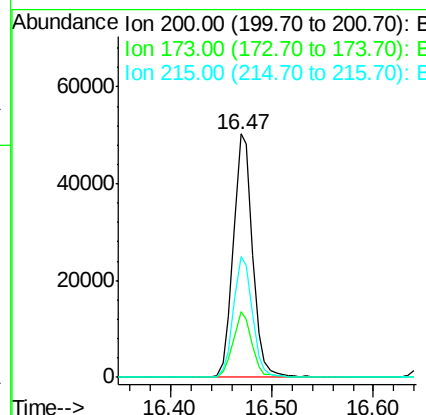
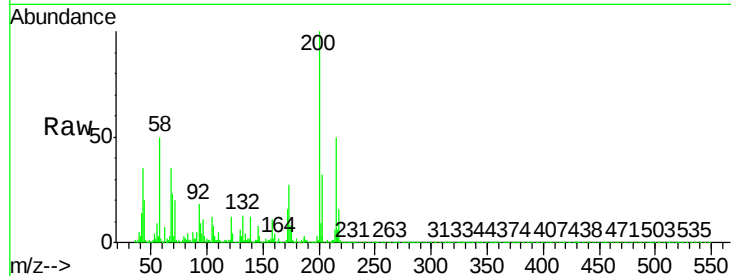
#69
Atrazine
Concen: 9.776 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.4	46.4
215	49.6	29.3	69.3

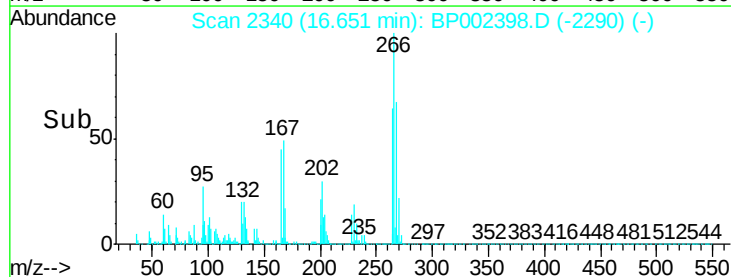
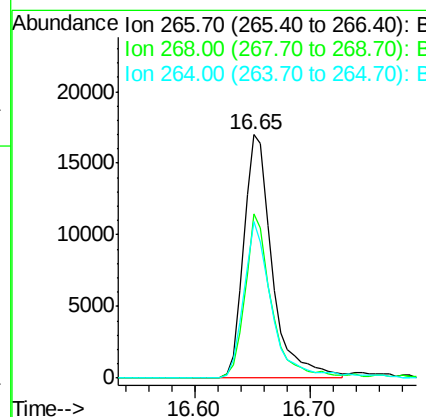
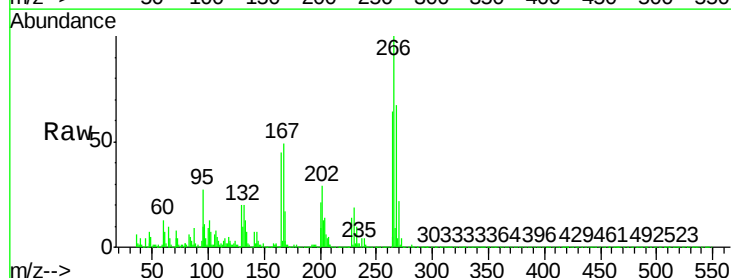
Manual Integrations
APPROVED

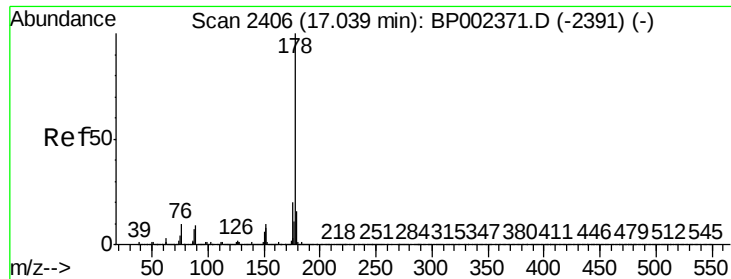
mohammad
6/15/2020 8:47:03 AM



#70
Pentachlorophenol
Concen: 5.901 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	50.5	75.7
264	64.3	51.4	77.0





#71

Phenanthrene

Concen: 9.148 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

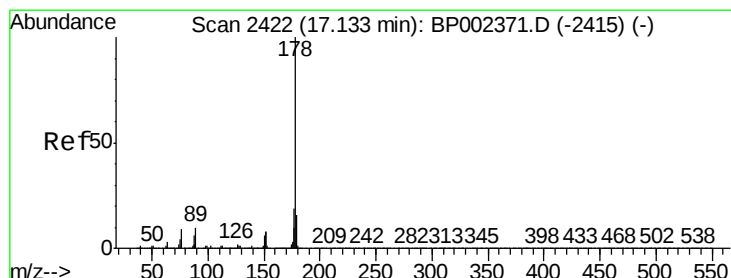
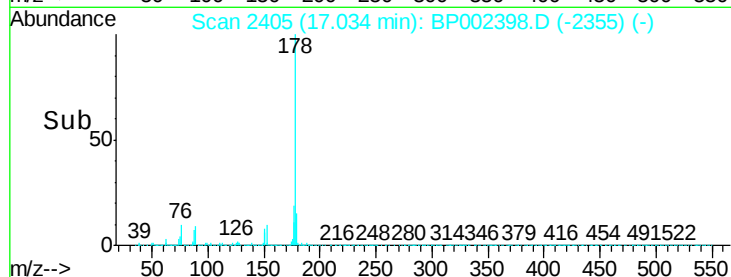
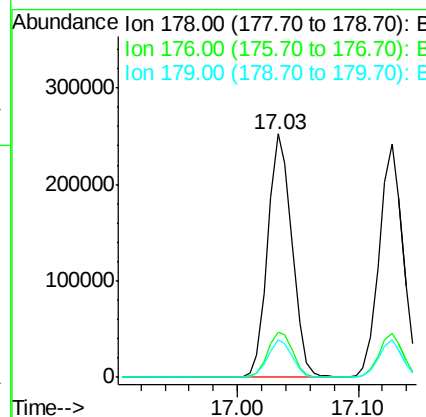
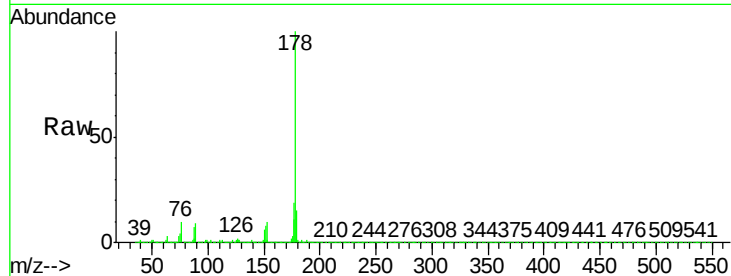
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	178	Resp:	350122
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.6
179	15.3	12.5	18.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#72

Anthracene

Concen: 8.853 ng

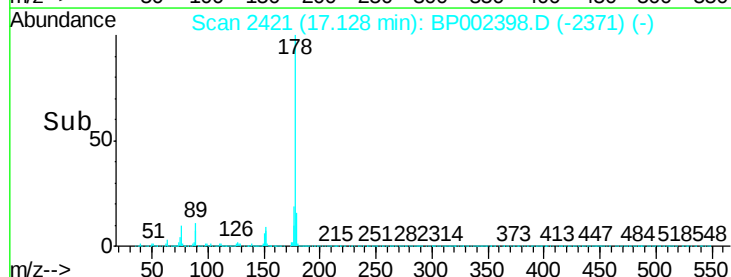
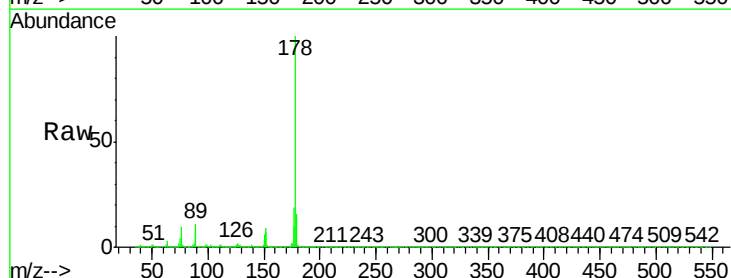
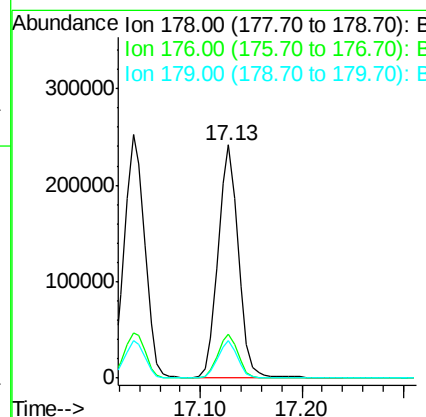
RT: 17.13 min Scan# 2421

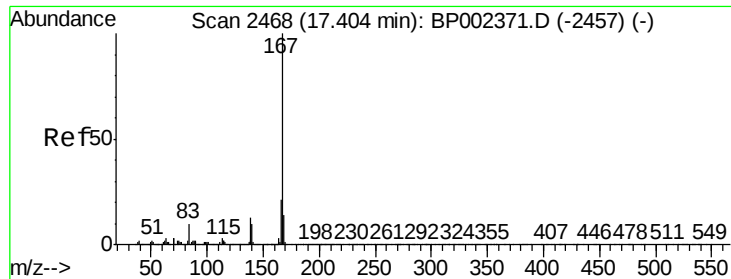
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	178	Resp:	336596
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.5	23.3
179	16.0	13.0	19.4





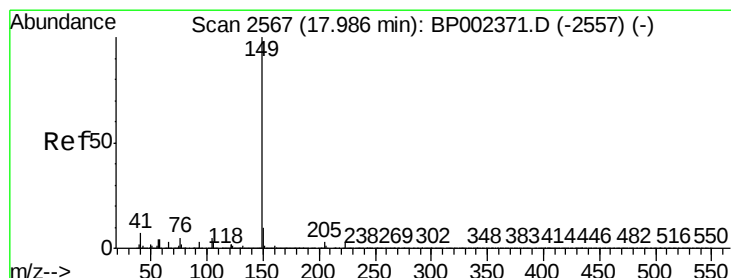
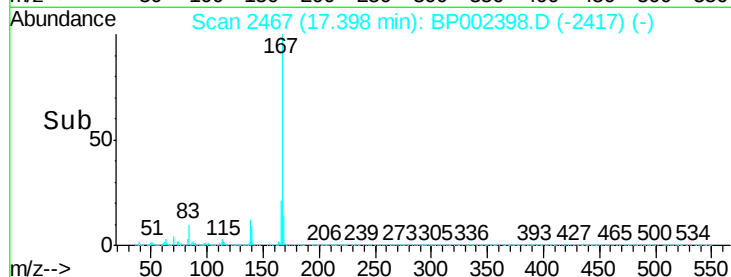
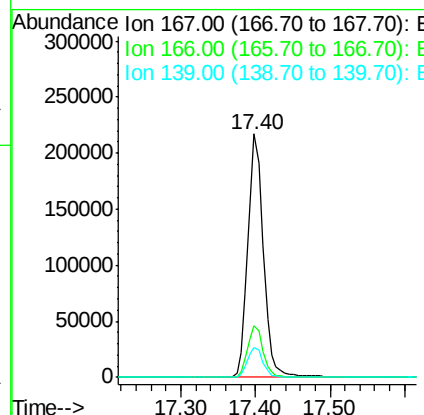
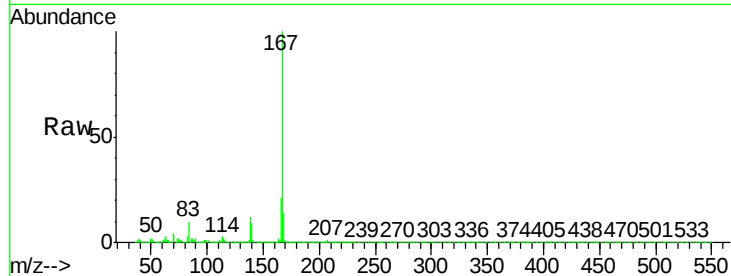
#73
 Carbazole
 Concen: 8.427 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002398.D
 Acq: 12 Jun 2020 14:18

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.2	10.3	15.5

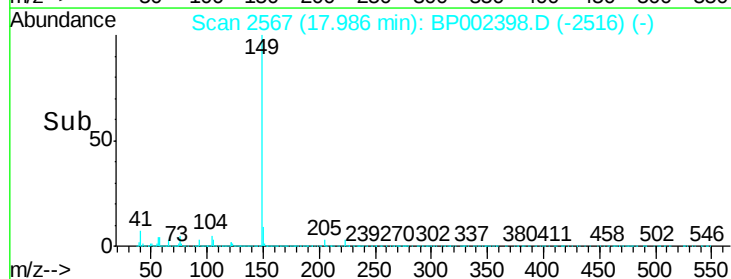
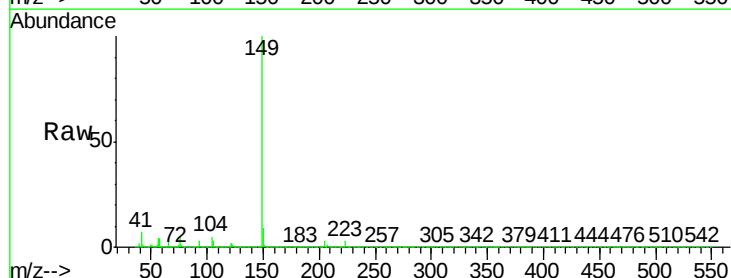
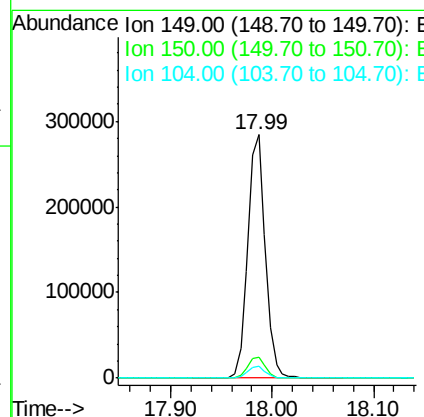
Manual Integrations
 APPROVED

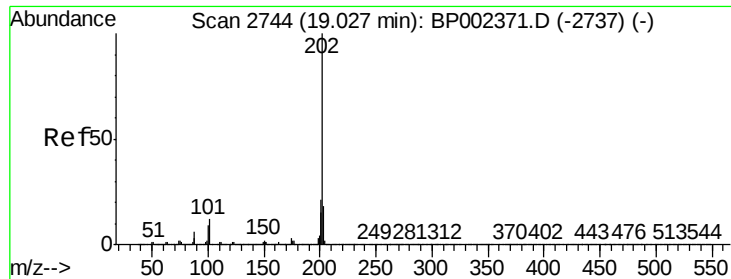
mohammad
 6/15/2020 8:47:03 AM



#74
 Di-n-butylphthalate
 Concen: 7.708 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002398.D
 Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.7	11.5
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 8.897 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

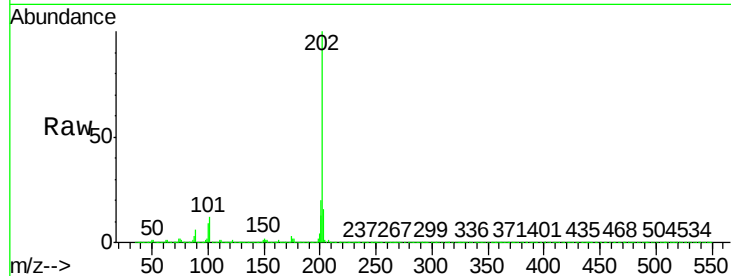
ClientSampleId :

MDL-WATER-03-QT1-2020

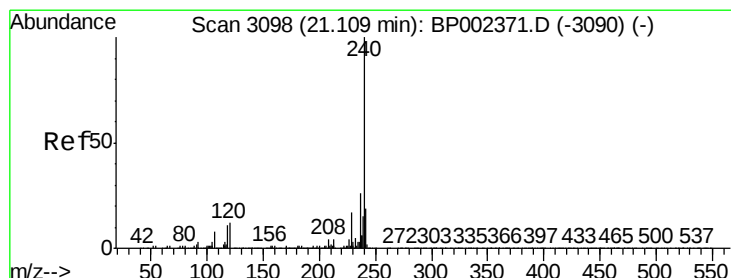
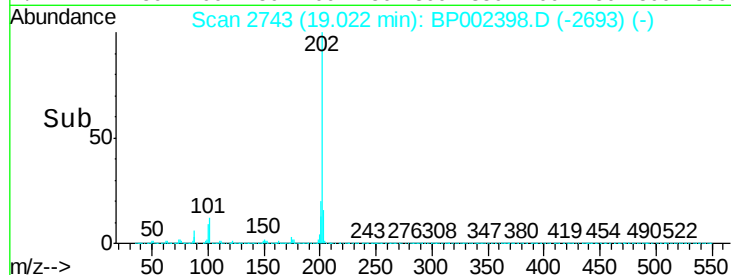
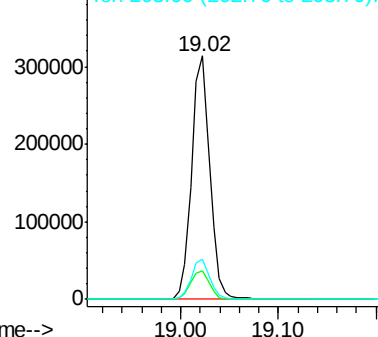
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.9	0.0	31.8		
203	16.5	0.0	38.0		

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



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: 21.10 min Scan# 3096

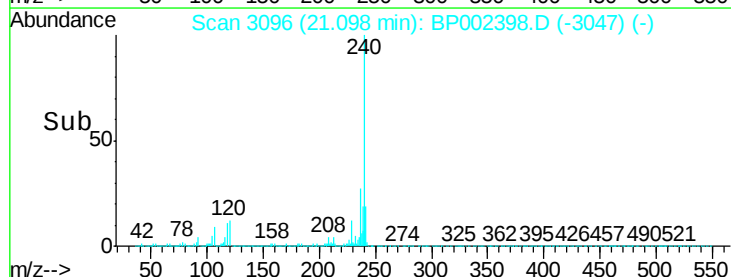
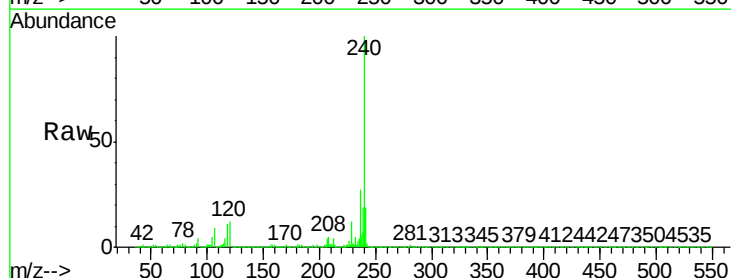
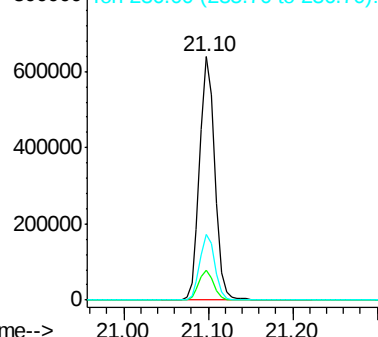
Delta R.T. -0.01 min

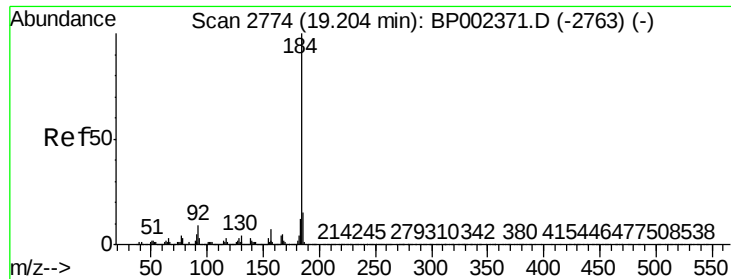
Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.2	9.3	13.9		
236	26.7	21.0	31.6		

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: 9.245 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

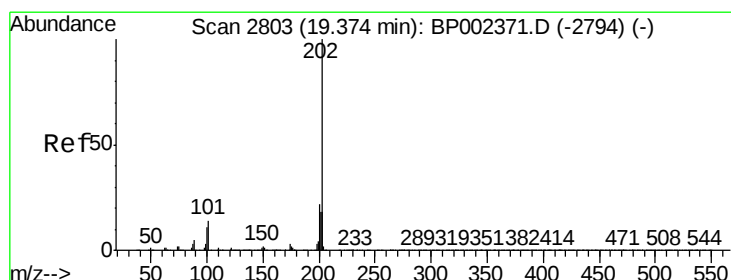
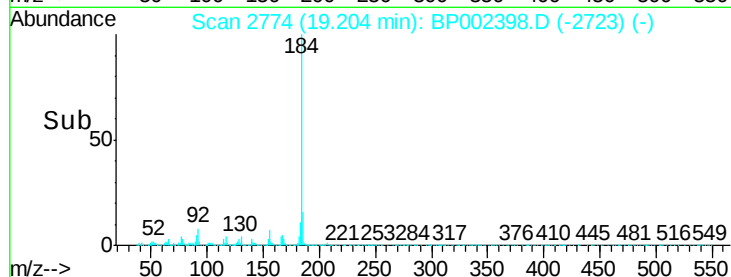
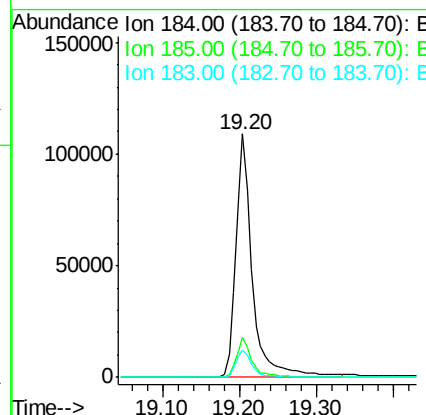
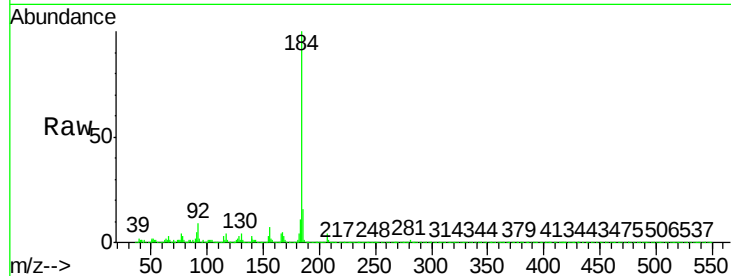
ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:	184	Resp:	163642
Ion Ratio	Lower	Upper	
184	100		
185	16.3	11.8	17.8
183	11.4	9.2	13.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#78

Pyrene

Concen: 8.809 ng

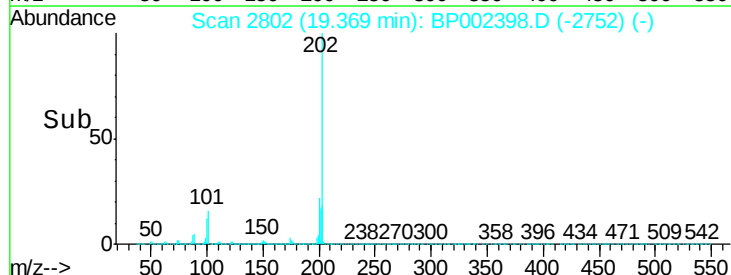
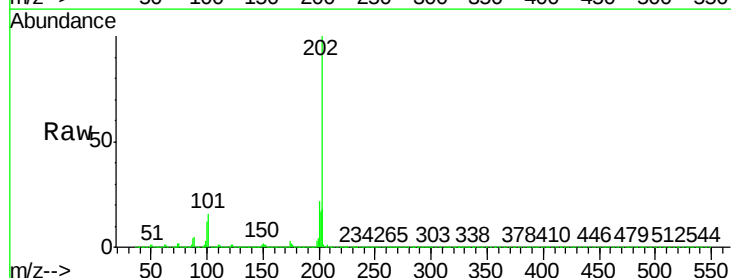
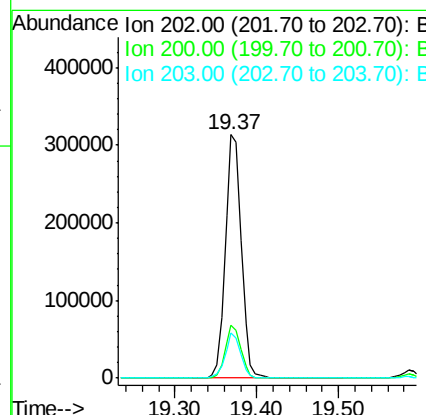
RT: 19.37 min Scan# 2802

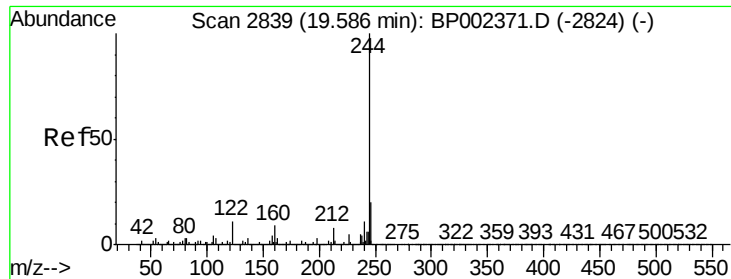
Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Tgt Ion:	202	Resp:	427441
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	18.4	14.6	22.0





#79

Terphenyl-d14

Concen: 114.906 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:244 Resp: 3473885

Ion Ratio Lower Upper

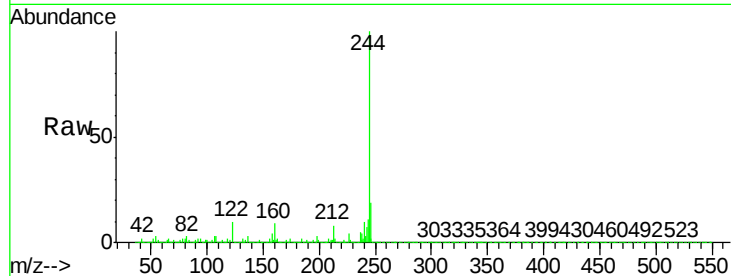
244 100

212 8.3 6.6 10.0

122 10.2 8.8 13.2

Manual Integrations
APPROVED

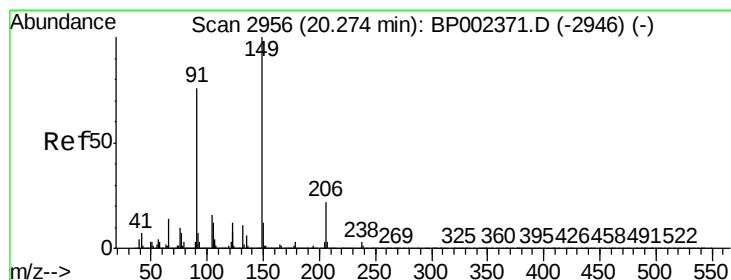
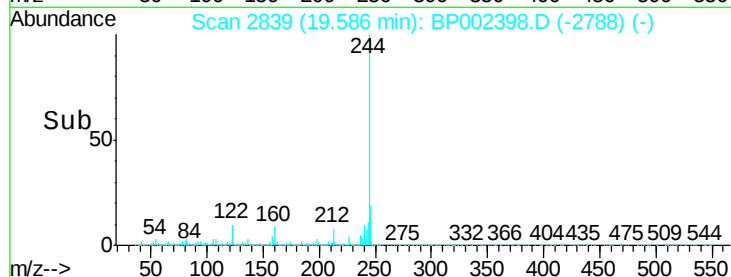
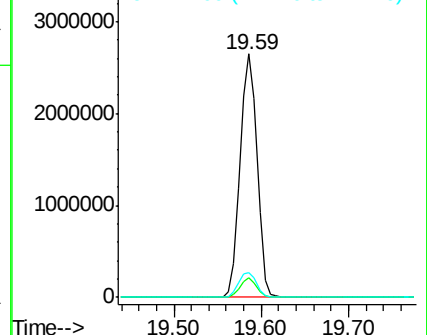
mohammad
6/15/2020 8:47:03 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.576 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002398.D

Acq: 12 Jun 2020 14:18

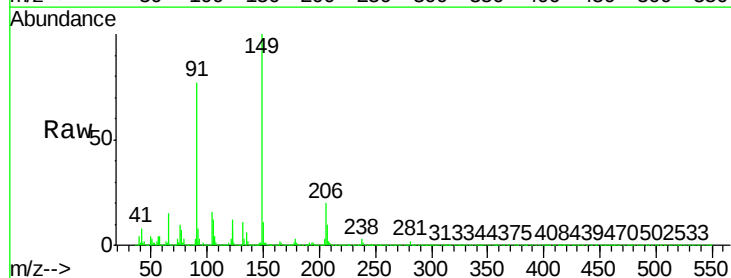
Tgt Ion:149 Resp: 141847

Ion Ratio Lower Upper

149 100

91 76.7 61.2 91.8

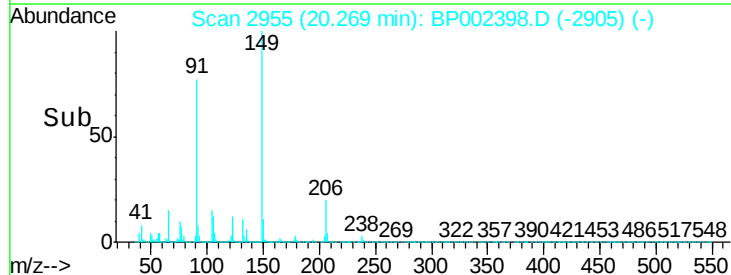
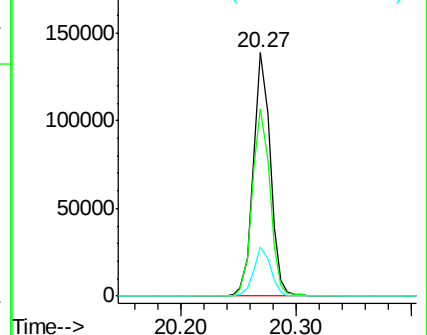
206 19.9 17.8 26.6

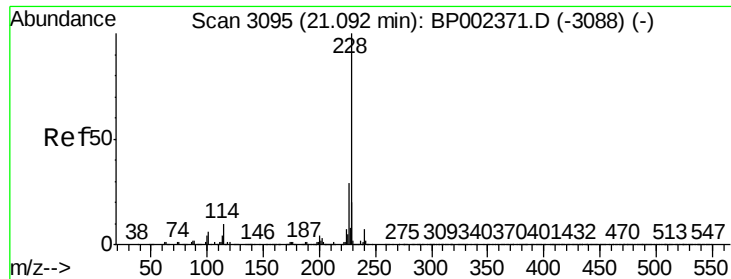


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





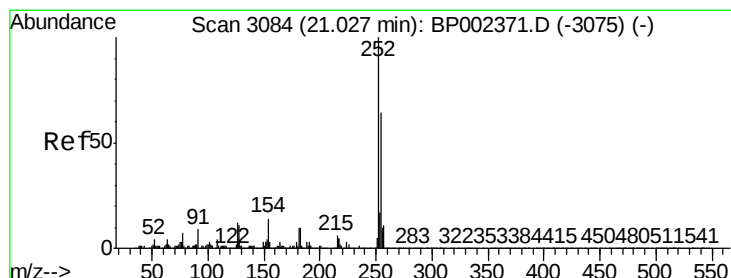
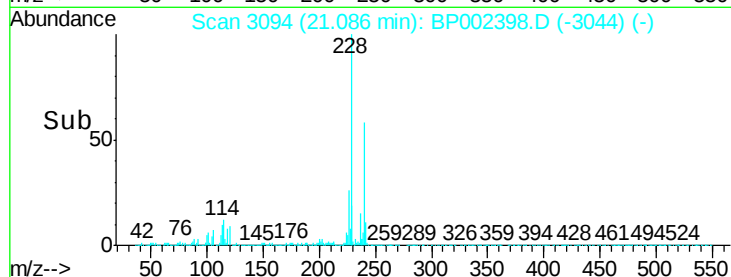
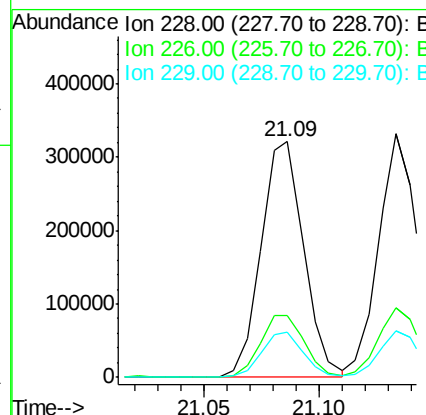
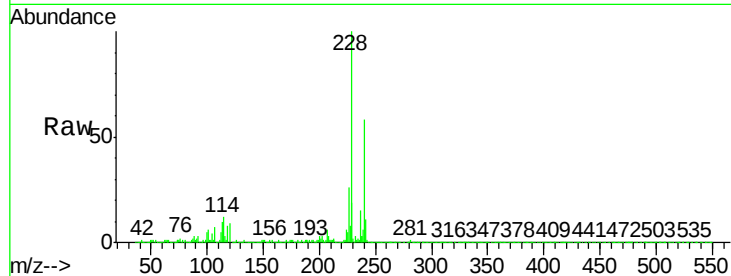
#81
Benzo(a)anthracene
Concen: 9.125 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.8	34.2
229	19.3	16.2	24.2

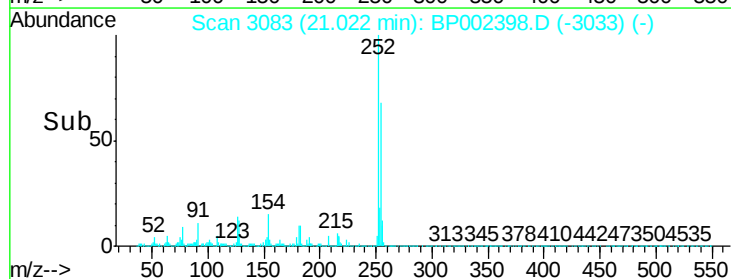
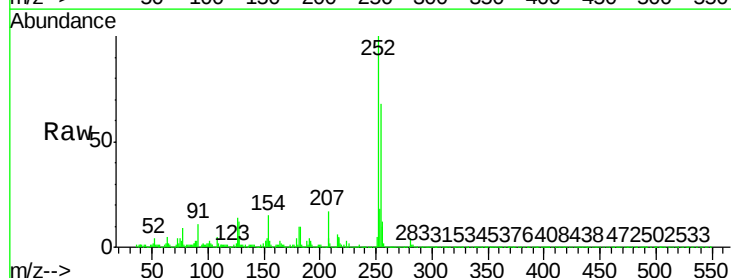
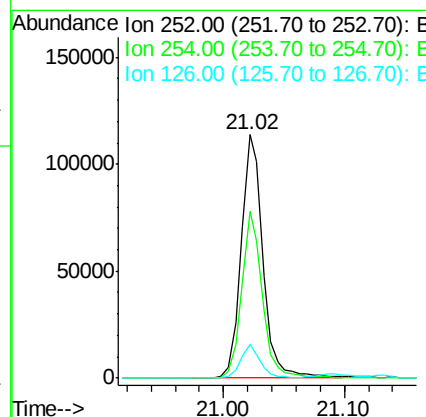
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#82
3,3'-Dichlorobenzidine
Concen: 8.511 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.4	51.4	77.2
126	13.6	9.2	13.8





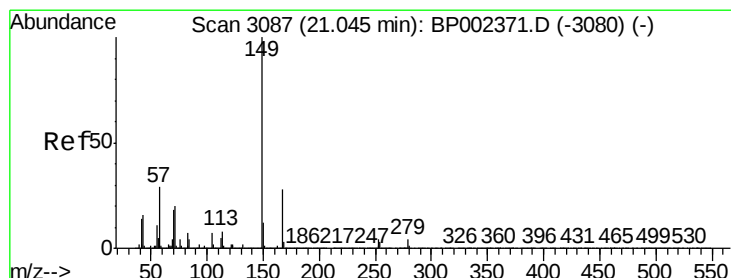
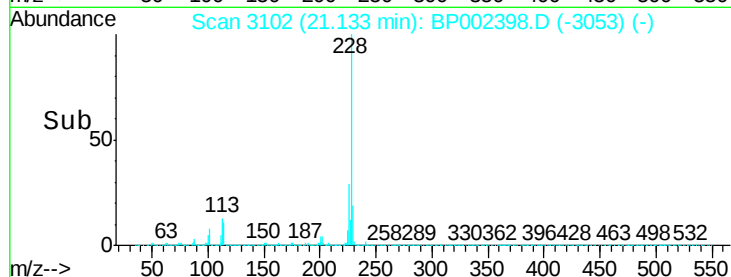
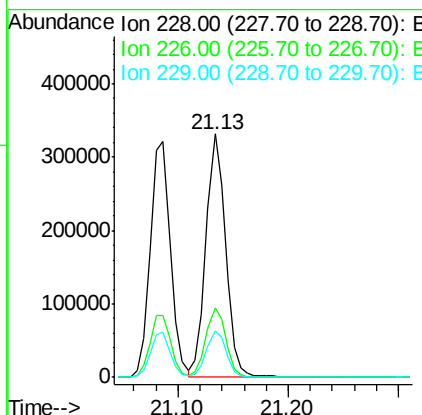
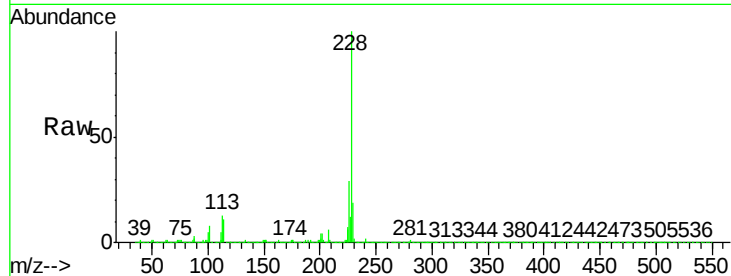
#83
Chrysene
Concen: 9.323 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:	228	Resp:	399391
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.2	37.8
229	19.2	16.1	24.1

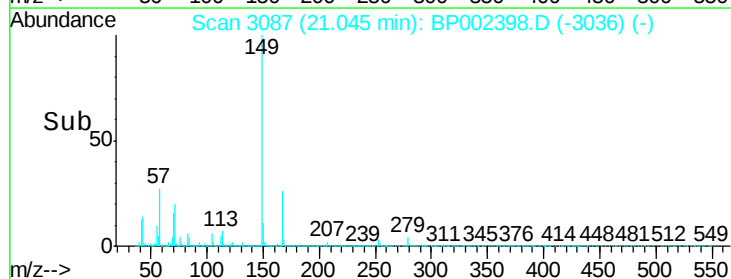
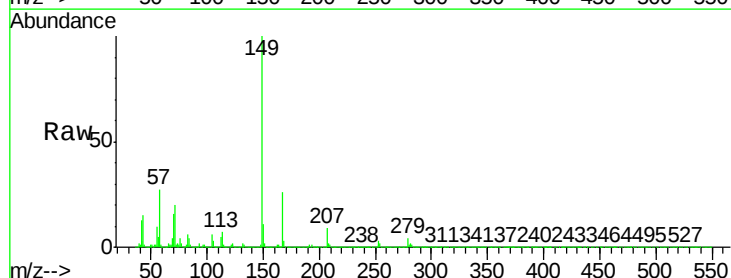
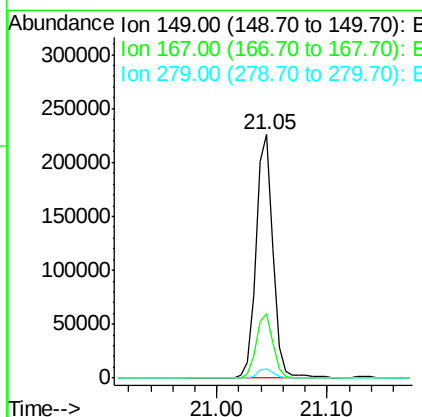
Manual Integrations
APPROVED

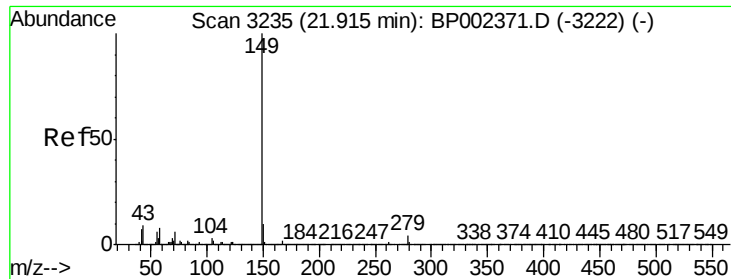
mohammad
6/15/2020 8:47:03 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.668 ng
RT: 21.05 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion:	149	Resp:	240600
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.3	33.5
279	4.0	3.2	4.8





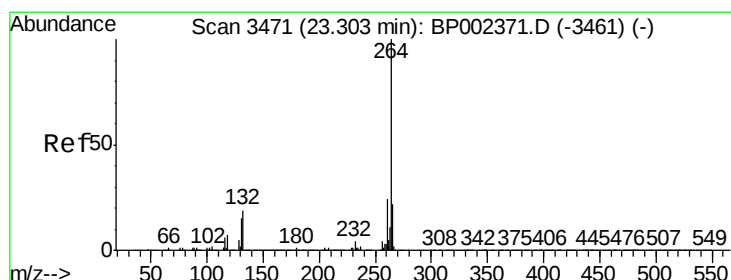
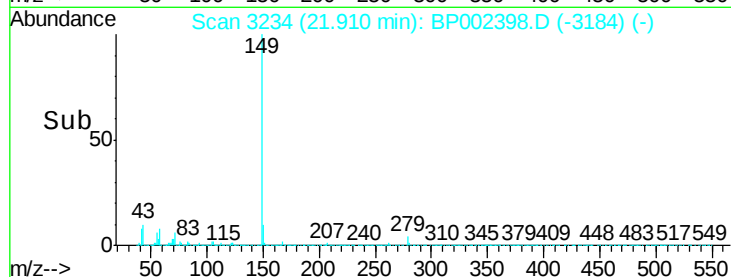
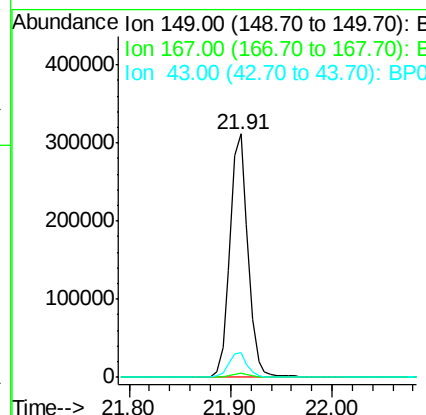
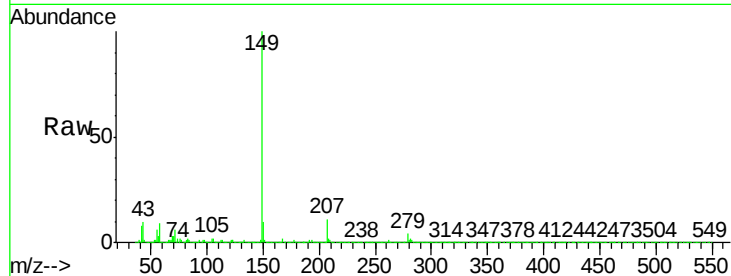
#85
Di-n-octyl phthalate
Concen: 6.965 ng
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	7.8	11.6

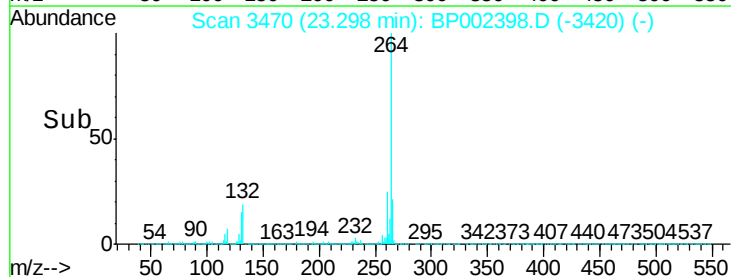
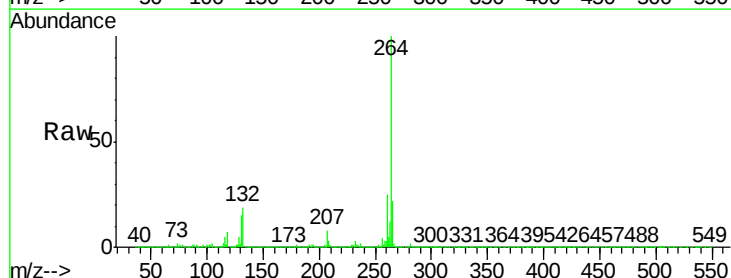
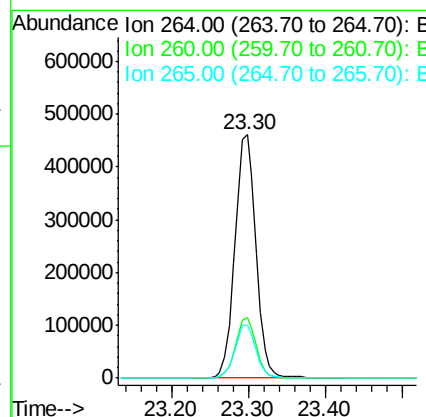
Manual Integrations
APPROVED

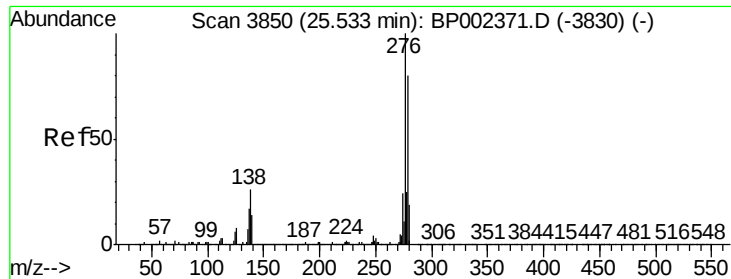
mohammad
6/15/2020 8:47:03 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	19.4	29.0
265	21.6	17.4	26.2





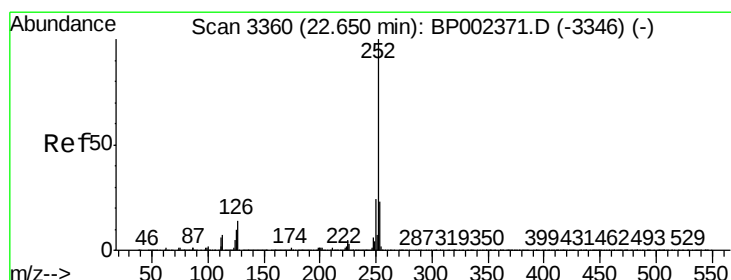
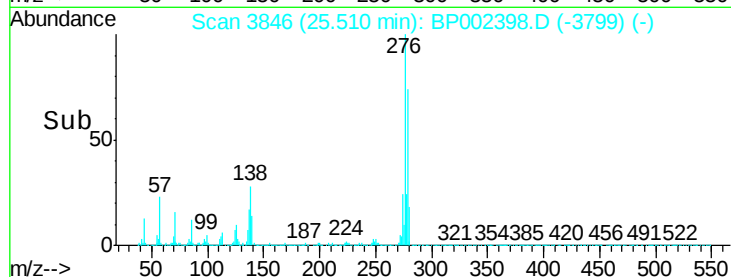
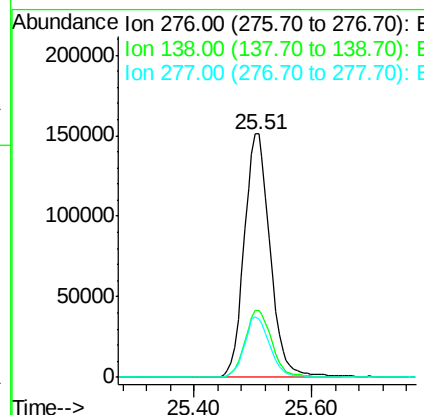
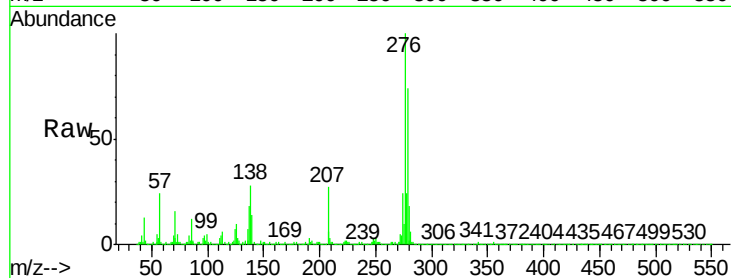
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.350 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002398.D
 Acq: 12 Jun 2020 14:18

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:	276	Resp:	461659
Ion Ratio		Lower	Upper
276	100		
138	28.5	21.2	31.8
277	24.4	20.3	30.5

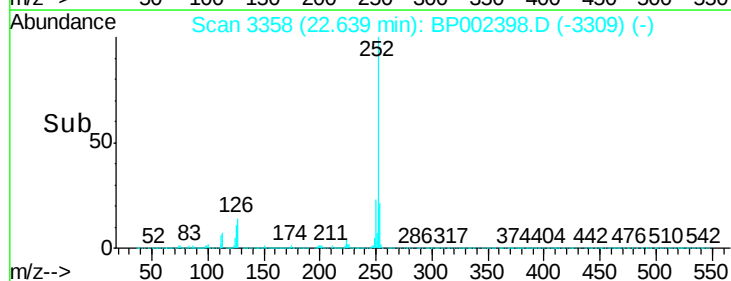
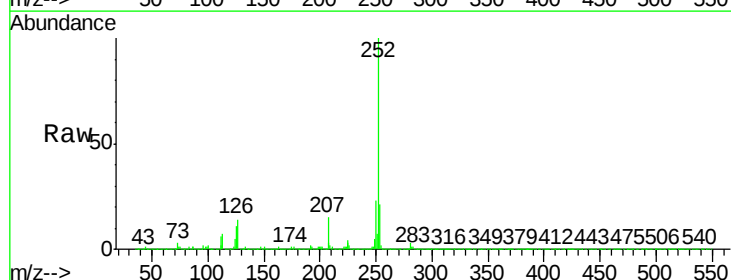
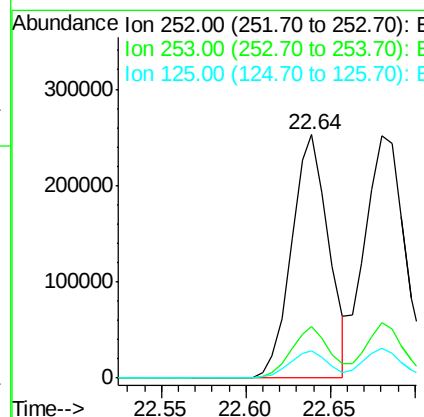
Manual Integrations
 APPROVED

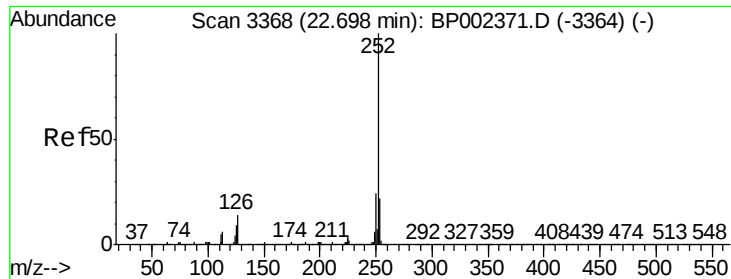
mohammad
 6/15/2020 8:47:03 AM



#88
 Benzo(b)fluoranthene
 Concen: 8.051 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002398.D
 Acq: 12 Jun 2020 14:18

Tgt Ion:	252	Resp:	383761
Ion Ratio		Lower	Upper
252	100		
253	21.0	18.1	27.1
125	11.0	8.2	12.2





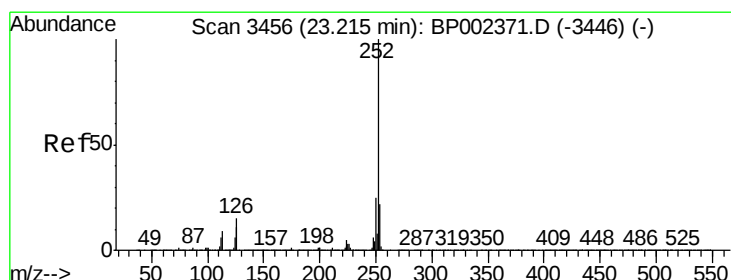
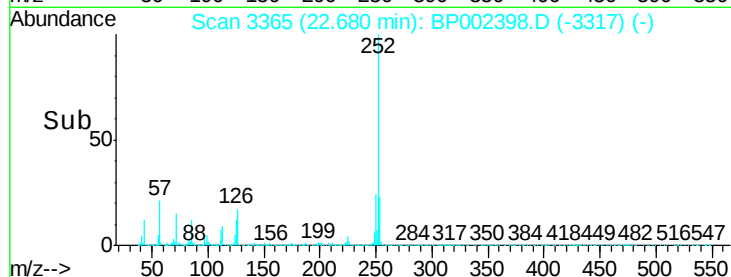
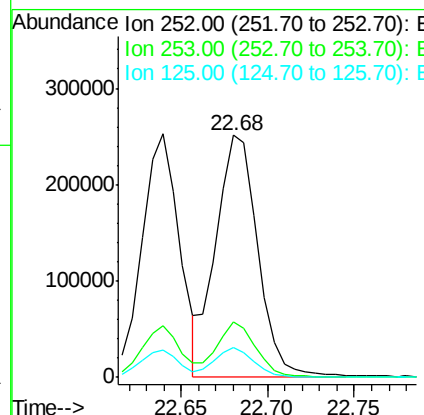
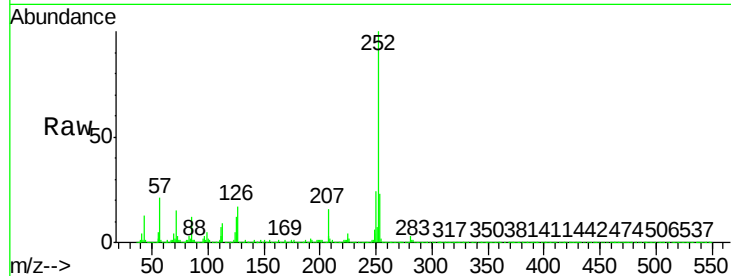
#89
Benzo(k)fluoranthene
Concen: 9.360 ng m
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	12.3	7.8	11.8

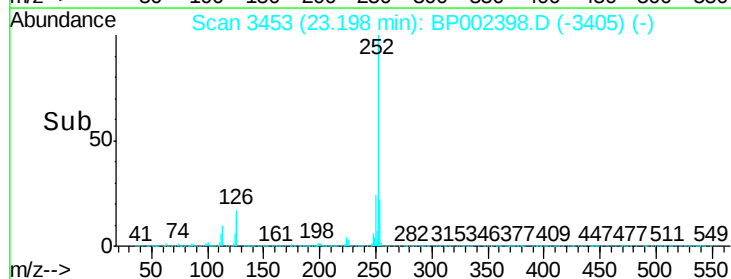
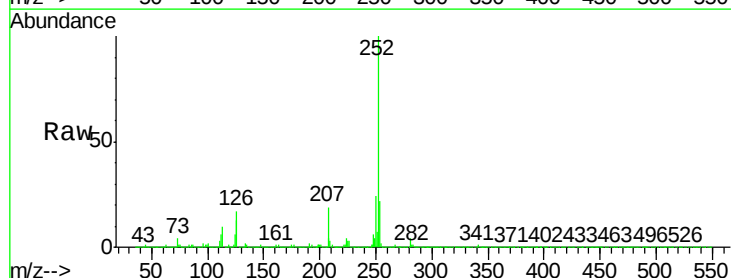
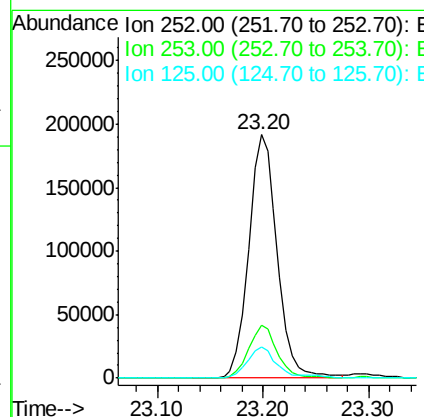
Manual Integrations
APPROVED

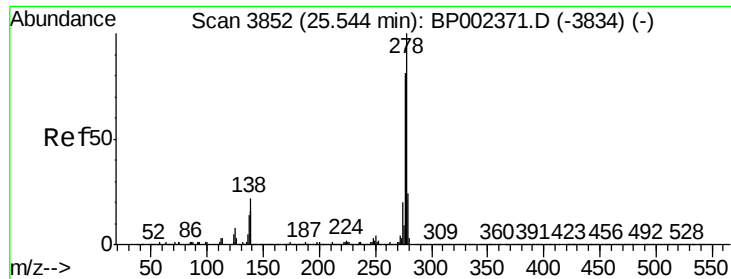
mohammad
6/15/2020 8:47:03 AM



#90
Benzo(a)pyrene
Concen: 8.005 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.8	9.2	13.8





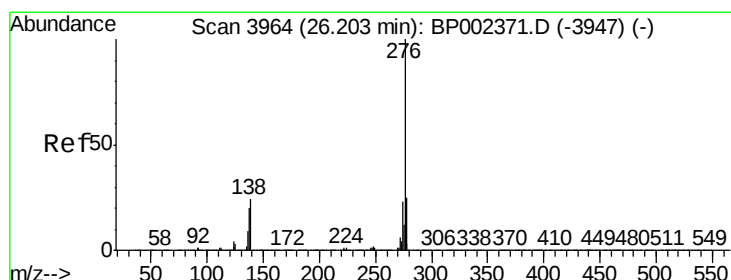
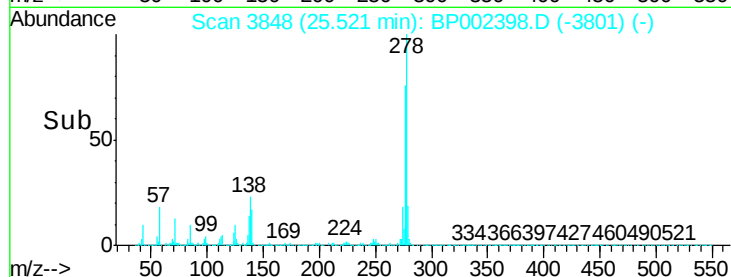
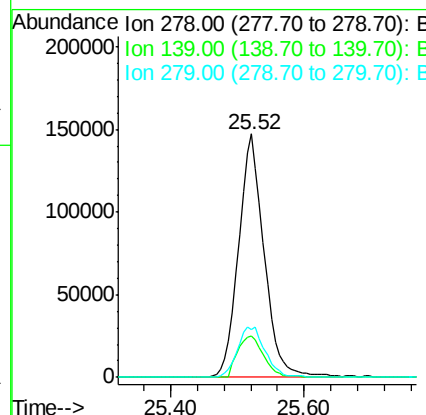
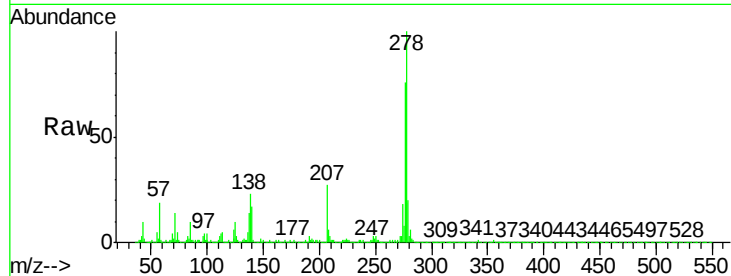
#91
Dibenzo(a,h)anthracene
Concen: 8.845 ng
RT: 25.52 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	19.5	18.9	28.3

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:03 AM



#92
Benzo(g,h,i)perylene
Concen: 8.370 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BP002398.D
Acq: 12 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.8	29.6
138	24.1	19.2	28.8

