

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
 Data File : BP002416.D
 Acq On : 16 Jun 2020 15:36
 Operator : CG/JU
 Sample : L2182-09
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Quant Time: Jun 16 16:12:17 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	163808	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	647316	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	396964	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	845870	20.00	ng	0.00
76) Chrysene-d12	21.10	240	817521	20.00	ng	-0.01
86) Perylene-d12	23.29	264	902778	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1504948	170.00	ng	0.00
7) Phenol-d6	6.78	99	2049780	173.91	ng	0.00
23) Nitrobenzene-d5	8.73	82	1388231	128.07	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	715987	188.39	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2758483	116.84	ng	0.00
79) Terphenyl-d14	19.59	244	3710642	118.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	36946	9.060	ng	99
3) Pyridine	3.55	79	88301	7.967	ng	98
4) n-Nitrosodimethylamine	3.46	42	37476	8.205	ng	98
6) Aniline	6.92	93	140164	8.744	ng	99
8) 2-Chlorophenol	7.16	128	85454	8.585	ng	98
9) Benzaldehyde	6.73	77	82861	13.760	ng	97
10) Phenol	6.80	94	112422	8.795	ng	93
11) bis(2-Chloroethyl)ether	7.02	93	92382	8.656	ng	97
12) 1,3-Dichlorobenzene	7.48	146	94763	8.268	ng	97
13) 1,4-Dichlorobenzene	7.62	146	95933	8.319	ng	99
14) 1,2-Dichlorobenzene	7.93	146	93052	8.424	ng	97
15) Benzyl Alcohol	7.83	79	69065	7.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	127690	8.432	ng	99
17) 2-Methylphenol	8.03	107	70845	7.585	ng	97
18) Hexachloroethane	8.66	117	34402	8.189	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	68866	8.741	ng	98
20) 3+4-Methylphenols	8.36	107	94279	7.479	ng	97
22) Acetophenone	8.40	105	139877	9.618	ng	99
24) Nitrobenzene	8.77	77	110545	9.487	ng	96
25) Isophorone	9.29	82	191634	8.681	ng	97
26) 2-Nitrophenol	9.48	139	39578	7.623	ng	94
27) 2,4-Dimethylphenol	9.56	122	61549	7.556	ng	94
28) bis(2-Chloroethoxy)methane	9.79	93	123247	9.373	ng	99
29) 2,4-Dichlorophenol	10.02	162	73882	8.058	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	89556	8.762	ng	97
31) Naphthalene	10.41	128	278709	9.268	ng	99
32) Benzoic acid	9.63	122	9411	1.519	ng	92
33) 4-Chloroaniline	10.52	127	107706	8.204	ng	98
34) Hexachlorobutadiene	10.72	225	49440	8.289	ng	93
35) Caprolactam	11.26	113	25185	7.788	ng	91
36) 4-Chloro-3-methylphenol	11.66	107	80774	8.142	ng	95
37) 2-Methylnaphthalene	12.03	142	199094	9.327	ng	96
38) 1-Methylnaphthalene	12.25	142	186282	9.298	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	98176	9.382	ng	98

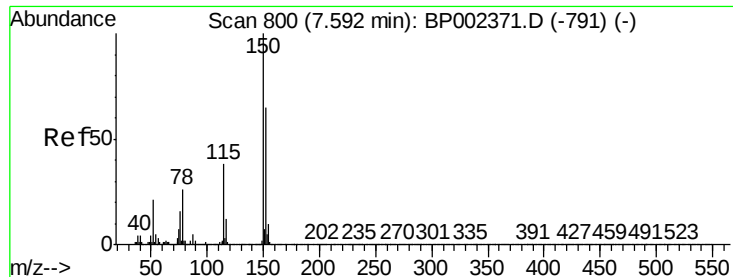
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	35397	6.363	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	57374	7.747	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	61155	7.131	ng	96
46) 1,1'-Biphenyl	13.06	154	261992	10.070	ng	99
47) 2-Chloronaphthalene	13.10	162	191025	8.976	ng	99
48) 2-Nitroaniline	13.30	65	48747	7.176	ng	94
49) Acenaphthylene	13.95	152	301606	8.880	ng	99
50) Dimethylphthalate	13.70	163	235036	8.641	ng	100
51) 2,6-Dinitrotoluene	13.80	165	47580	8.055	ng	94
52) Acenaphthene	14.30	154	184338	9.264	ng	99
53) 3-Nitroaniline	14.13	138	46592	6.908	ng	97
54) 2,4-Dinitrophenol	14.35	184	13923	4.297	ng	94
55) Dibenzofuran	14.64	168	303065	9.460	ng	99
56) 4-Nitrophenol	14.46	139	33845	6.320	ng	96
57) 2,4-Dinitrotoluene	14.60	165	59337	7.380	ng	98
58) Fluorene	15.29	166	230822	9.160	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	53493	7.858	ng	97
60) Diethylphthalate	15.08	149	232629	8.536	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	118494	9.701	ng	97
62) 4-Nitroaniline	15.30	138	47749	7.368	ng	96
63) Azobenzene	15.59	77	251070	9.255	ng	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	27723	6.211	ng	90
66) n-Nitrosodiphenylamine	15.51	169	203656	9.425	ng	97
67) 4-Bromophenyl-phenylether	16.19	248	69849	8.717	ng	93
68) Hexachlorobenzene	16.30	284	76319	8.976	ng	97
69) Atrazine	16.47	200	71148	10.093	ng	99
70) Pentachlorophenol	16.65	266	31694	6.230	ng	99
71) Phenanthrene	17.03	178	379058	9.580	ng	99
72) Anthracene	17.13	178	371873	9.461	ng	97
73) Carbazole	17.40	167	342163	8.849	ng	98
74) Di-n-butylphthalate	17.99	149	363312	7.939	ng	98
75) Fluoranthene	19.02	202	438734	9.289	ng	98
77) Benzidine	19.20	184	175006	9.580	ng	99
78) Pyrene	19.37	202	463810	9.262	ng	98
80) Butylbenzylphthalate	20.27	149	148339	6.664	ng	97
81) Benzo(a)anthracene	21.08	228	446296	9.564	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	154300	8.897	ng	99
83) Chrysene	21.13	228	436015	9.862	ng	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	252487	7.798	ng	100
85) Di-n-octyl phthalate	21.90	149	404275	7.118	ng	98
87) Indeno(1,2,3-cd)pyrene	25.50	276	484252	8.576	ng	98
88) Benzo(b)fluoranthene	22.64	252	408840	8.398	ng	99
89) Benzo(k)fluoranthene	22.68	252	446807	9.659	ng	97
90) Benzo(a)pyrene	23.20	252	378186	8.289	ng	97
91) Dibenzo(a,h)anthracene	25.52	278	404242	8.925	ng	96
92) Benzo(g,h,i)perylene	26.17	276	407663	8.690	ng	97

(#) = 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: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

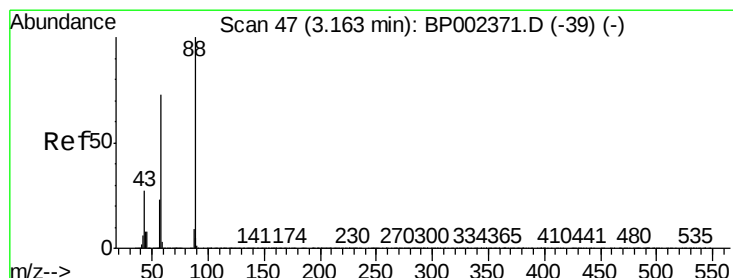
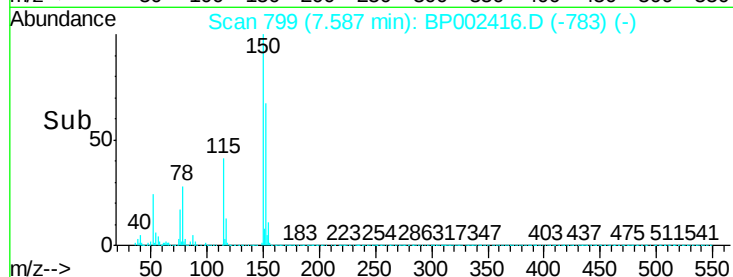
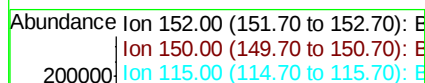
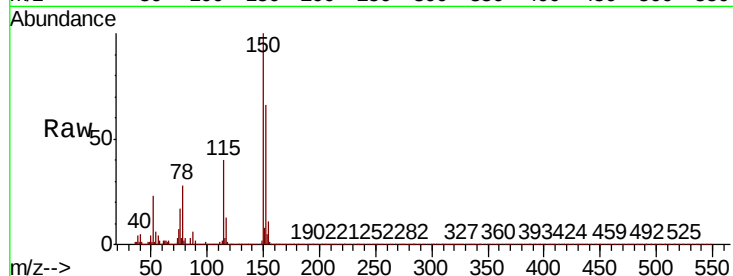
Tot Ion:152 Resp: 163808

Ion Ratio Lower Upper

152 100

150 151.2 124.0 186.0

115 60.5 47.4 71.0



#2

1,4-Dioxane

Concen: 9.060 ng

RT: 3.16 min Scan# 47

Delta R.T. 0.00 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

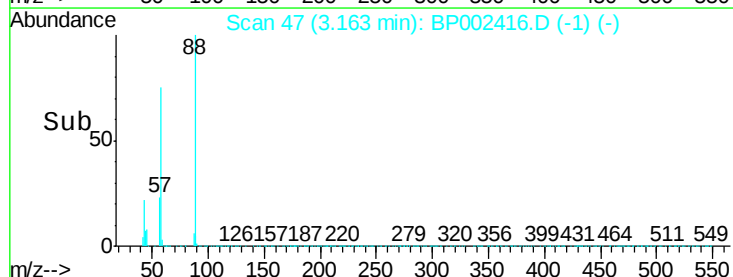
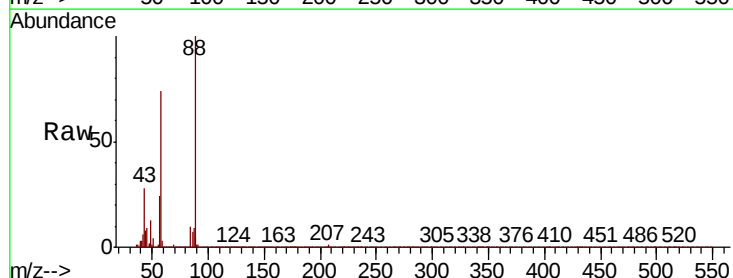
Tgt Ion: 88 Resp: 36946

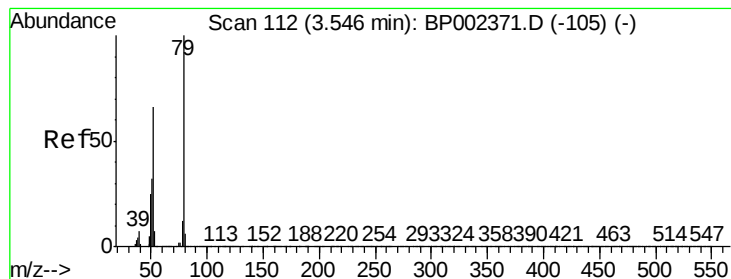
Ion Ratio Lower Upper

88 100

58 71.9 58.2 87.4

43 26.7 21.8 32.8





#3

Pvridine

Concen: 7.967 ng

RT: 3.55 min Scan# 112

Delta R.T. 0.00 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

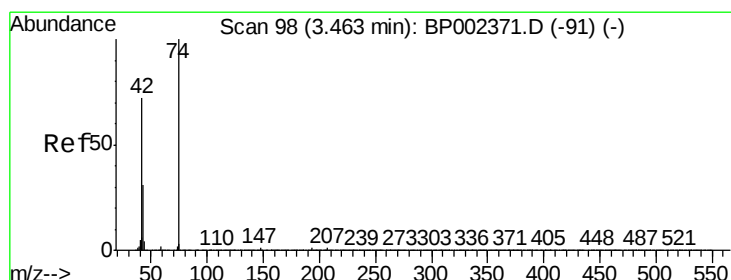
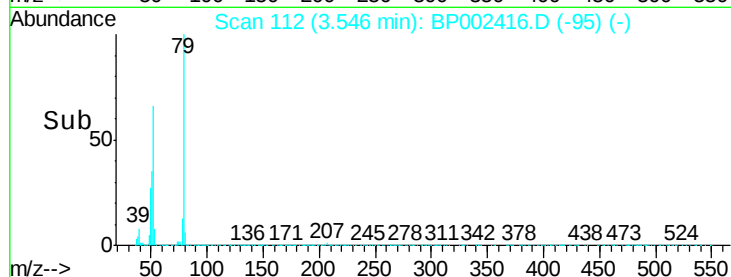
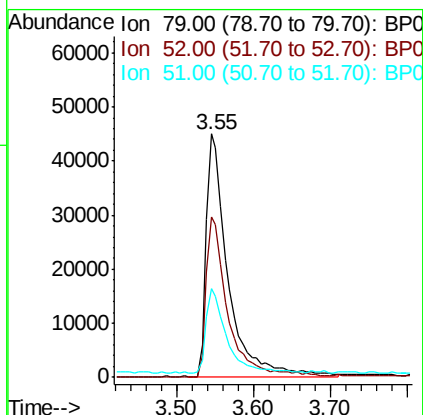
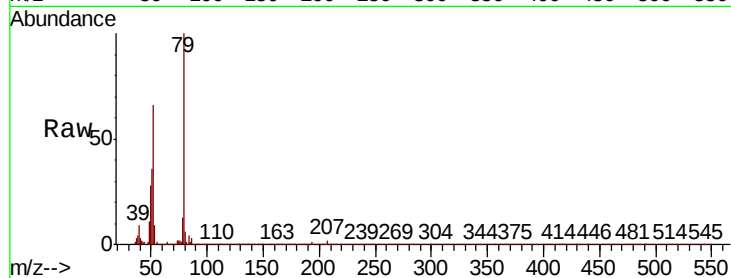
Tot Ion: 79 Resp: 88301

Ion Ratio Lower Upper

79 100

52 65.8 52.5 78.7

51 36.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 8.205 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

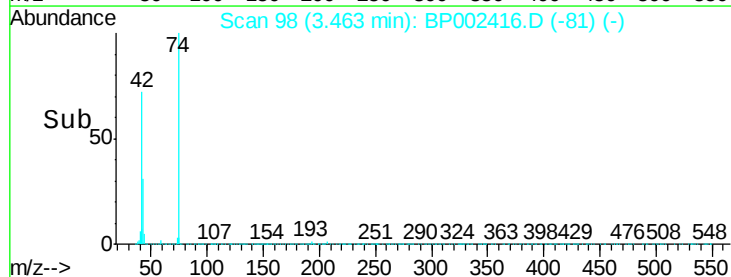
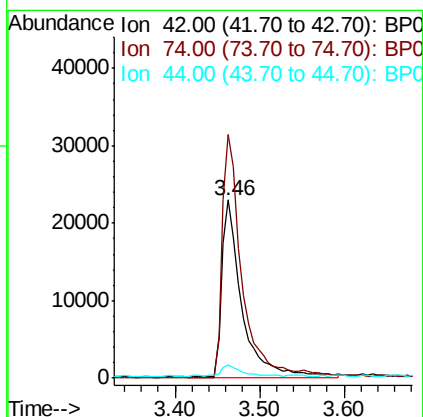
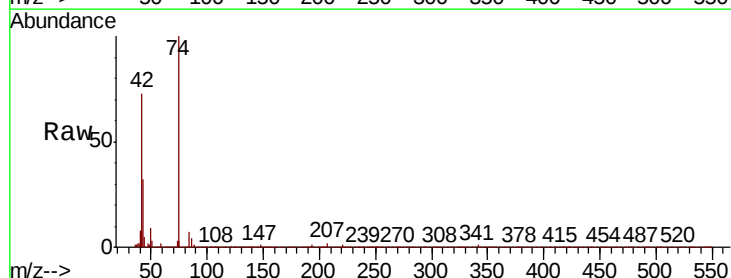
Tgt Ion: 42 Resp: 37476

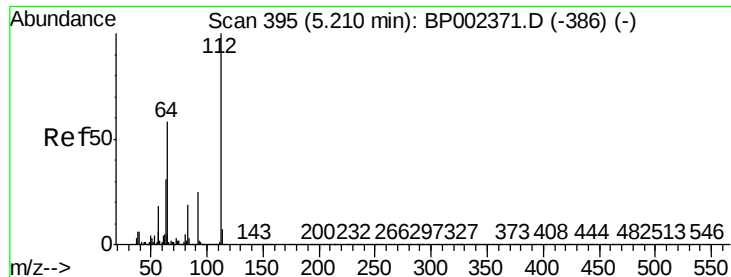
Ion Ratio Lower Upper

42 100

74 137.0 111.1 166.7

44 7.2 5.4 8.0





#5

2-Fluorophenol

Concen: 170.002 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

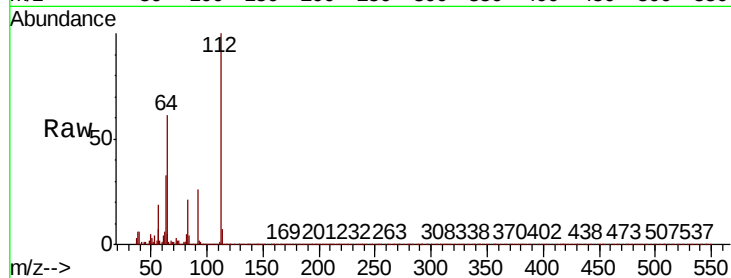
Tot Ion:112 Resp: 1504948

Ion Ratio Lower Upper

112 100

64 61.4 46.2 69.2

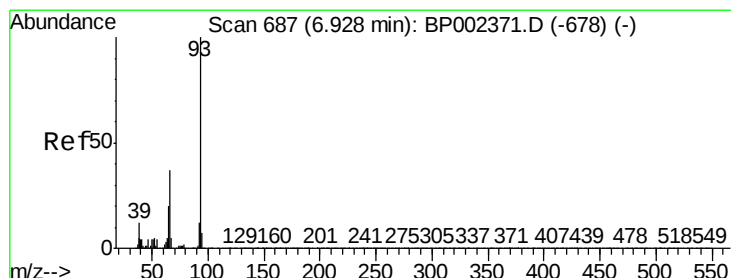
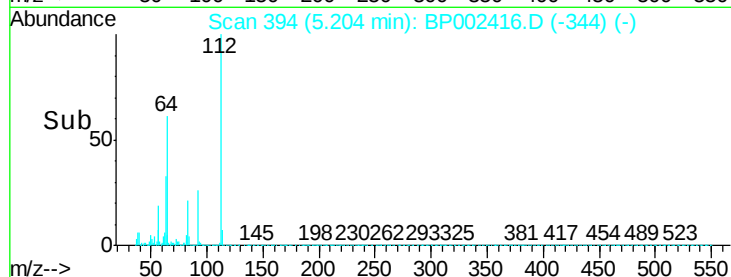
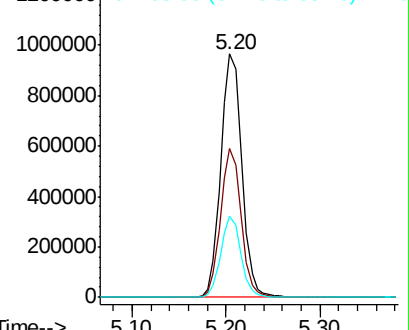
63 33.2 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 8.744 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

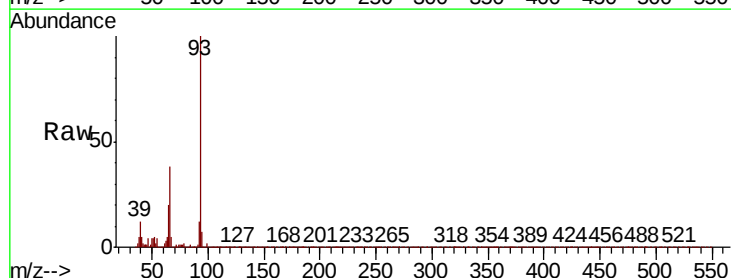
Tgt Ion: 93 Resp: 140164

Ion Ratio Lower Upper

93 100

66 37.7 29.8 44.6

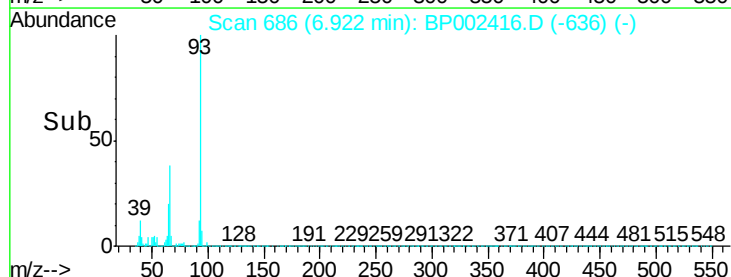
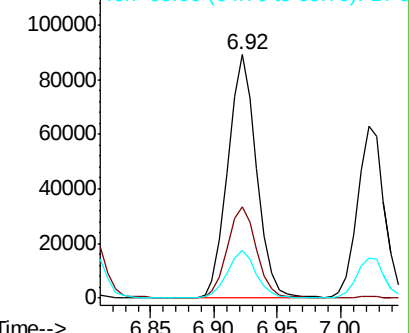
65 19.8 15.7 23.5



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 173.914 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

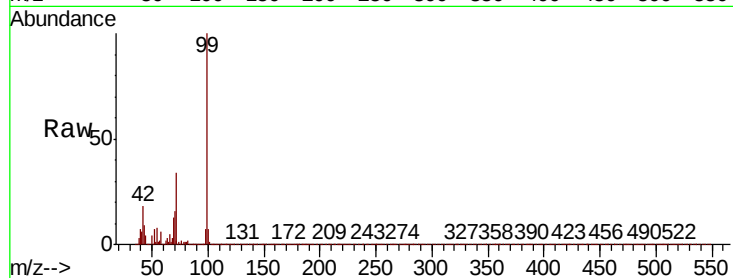
BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

Tot Ion: 99 Resp: 2049780

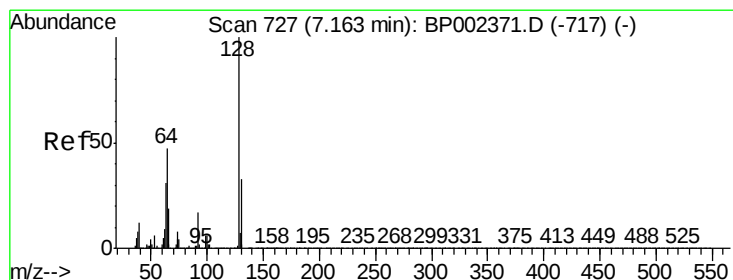
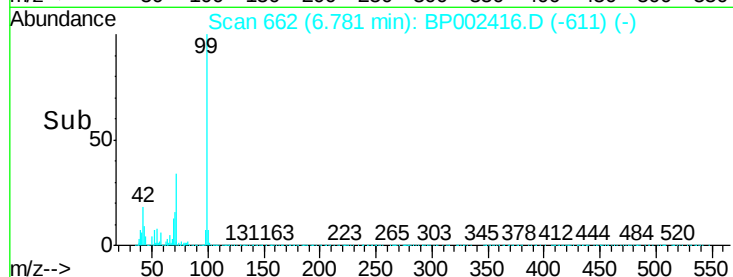
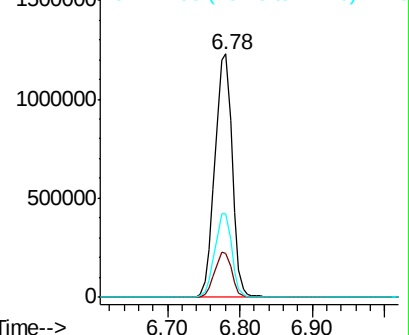
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	34.5	27.2	40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 8.585 ng

RT: 7.16 min Scan# 726

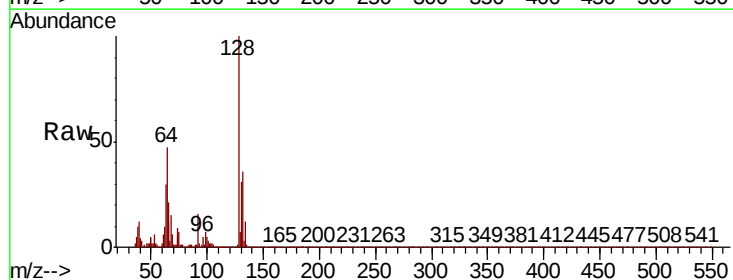
Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Tgt Ion: 128 Resp: 85454

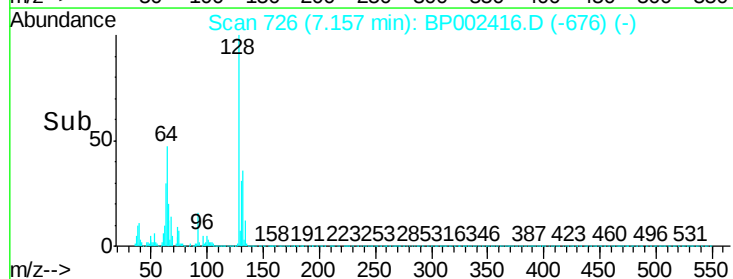
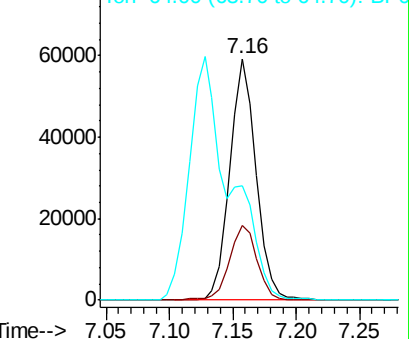
Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.5	52.5
64	47.1	27.7	67.7

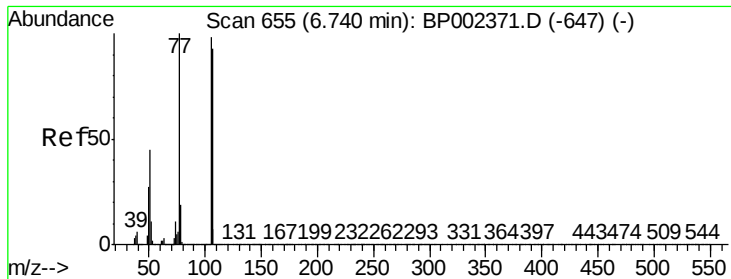


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 13.760 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

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MDL-WATER-03-QT2-2020

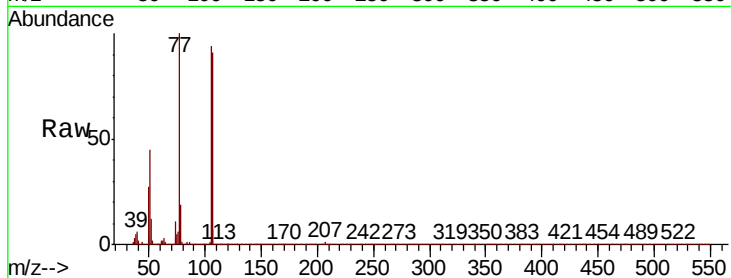
Tot Ion: 77 Resp: 82861

Ion Ratio Lower Upper

77 100

105 93.9 78.1 118.1

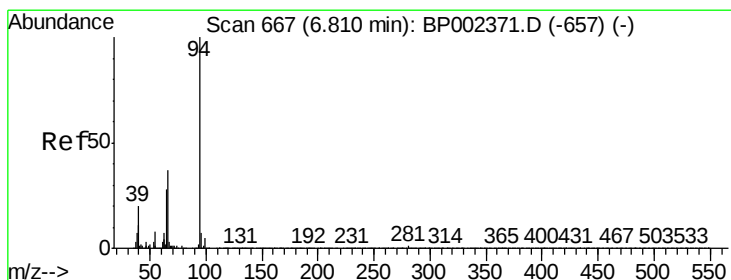
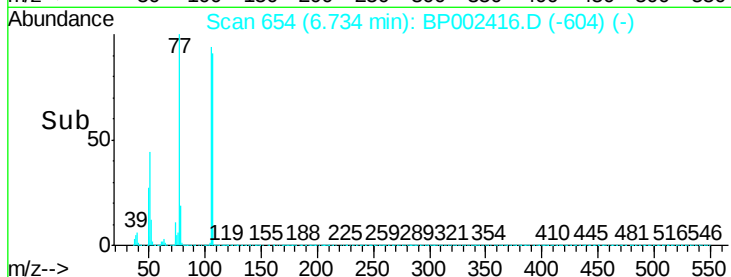
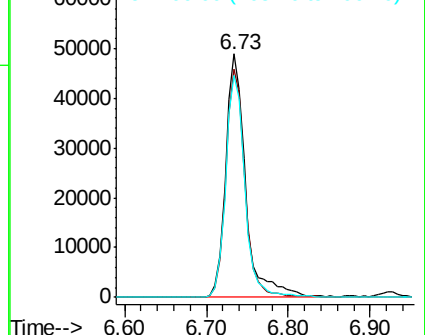
106 90.9 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 8.795 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

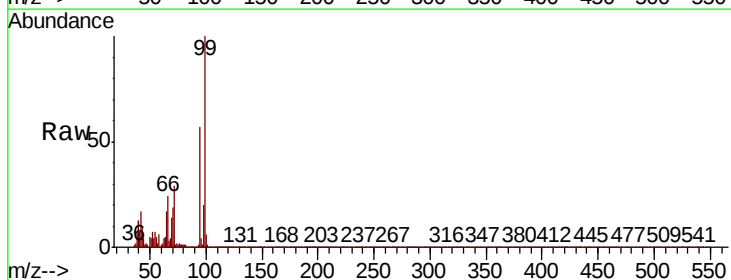
Tgt Ion: 94 Resp: 112422

Ion Ratio Lower Upper

94 100

65 29.6 7.7 47.7

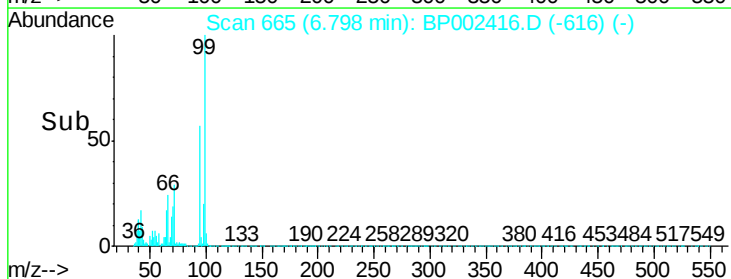
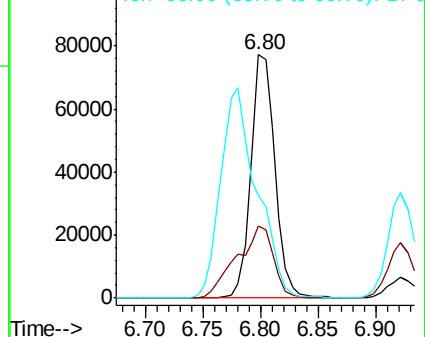
66 42.5 16.9 56.9

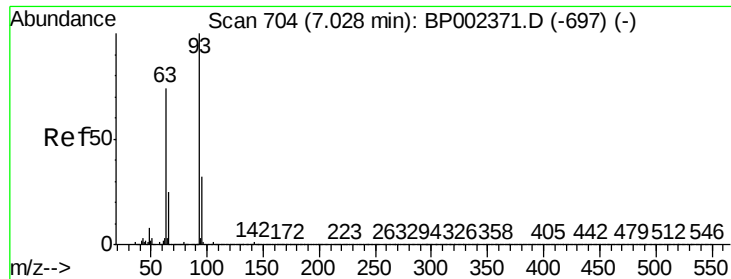


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

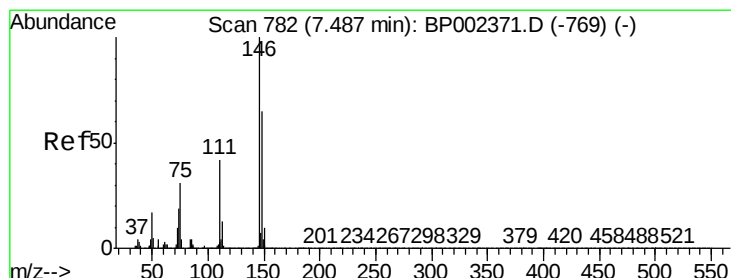
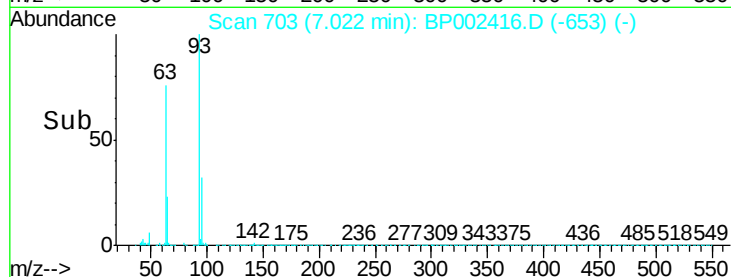
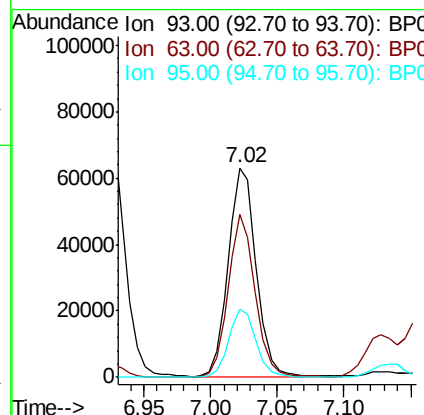
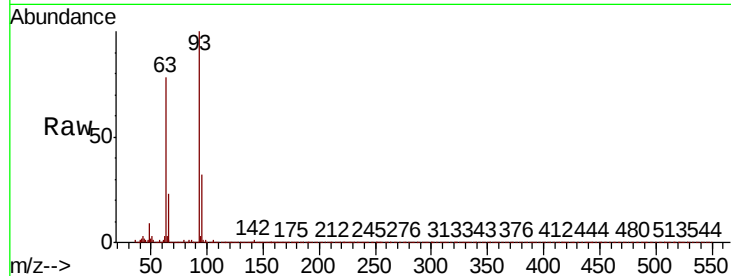




#11
bis(2-Chloroethyl)ether
Concen: 8.656 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

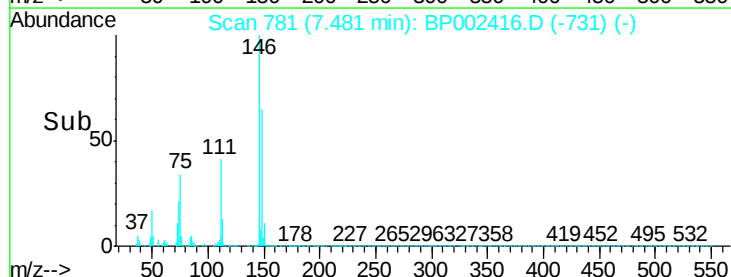
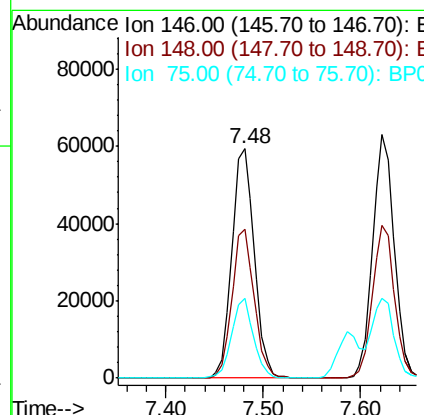
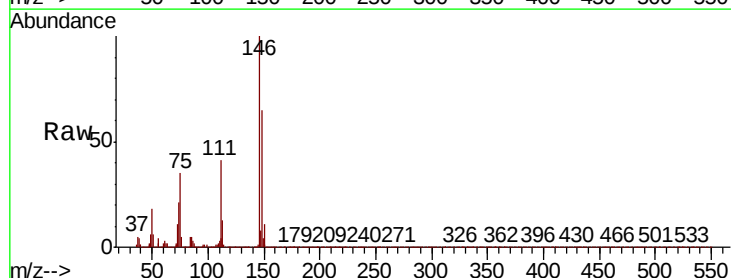
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

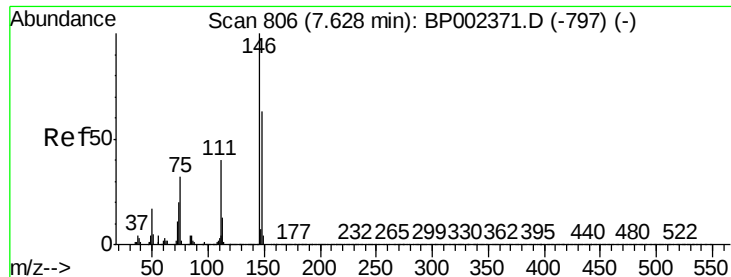
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	54.2	94.2
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 8.268 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
75	34.6	25.0	37.4

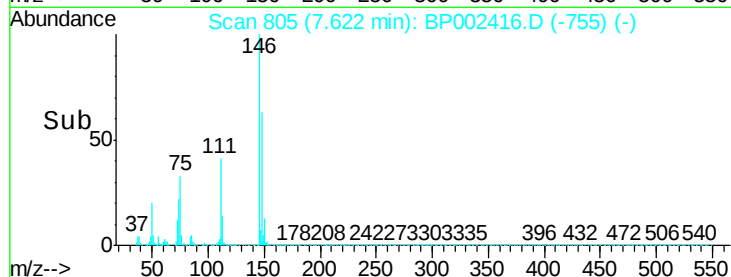
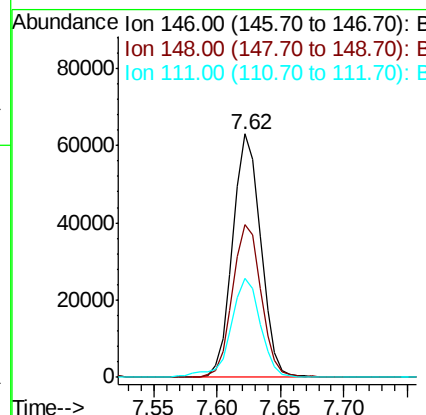
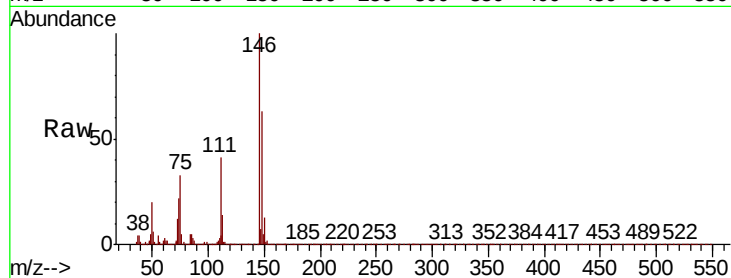




#13
1,4-Dichlorobenzene
Concen: 8.319 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

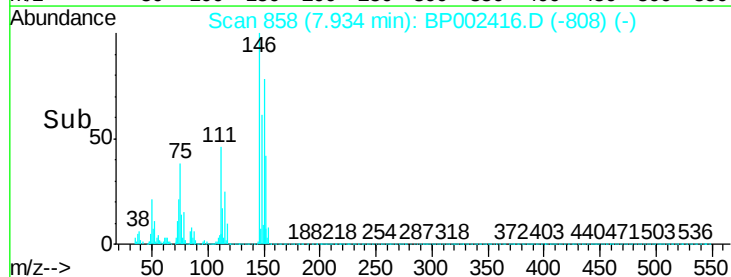
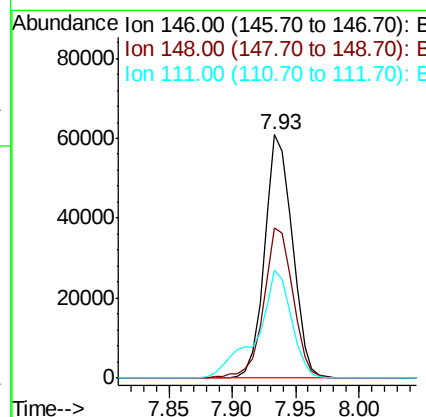
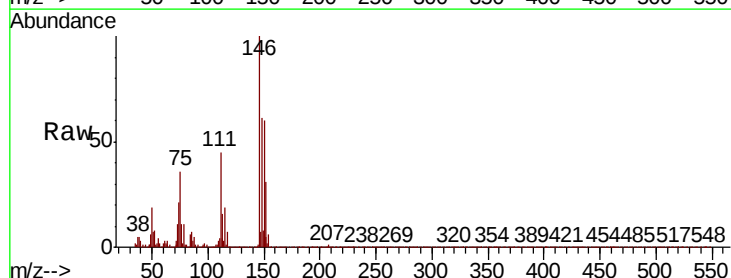
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

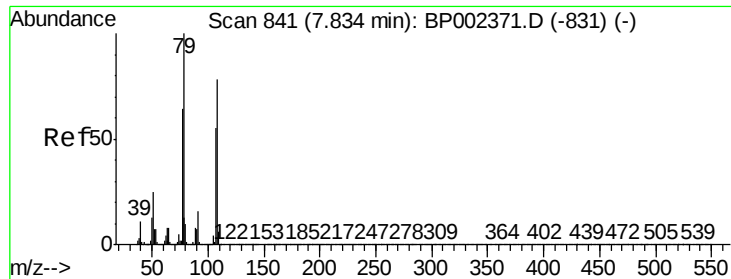
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	40.9	32.2	48.2



#14
1,2-Dichlorobenzene
Concen: 8.424 ng
RT: 7.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.8	77.6
111	44.6	35.4	53.2

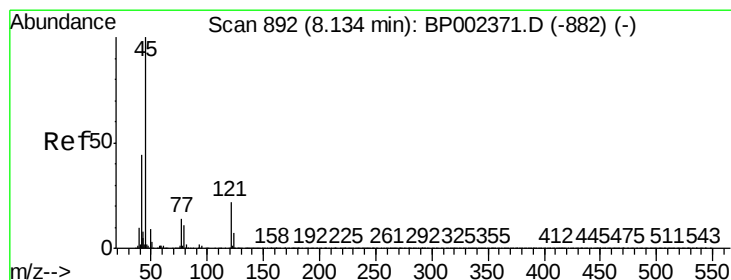
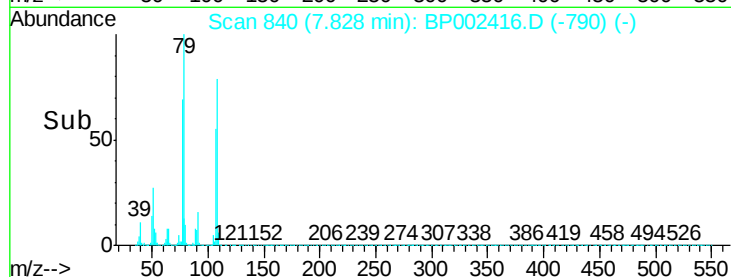
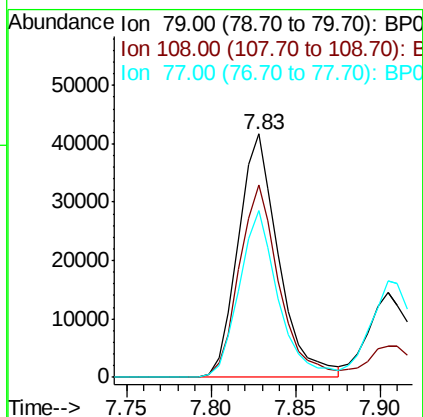
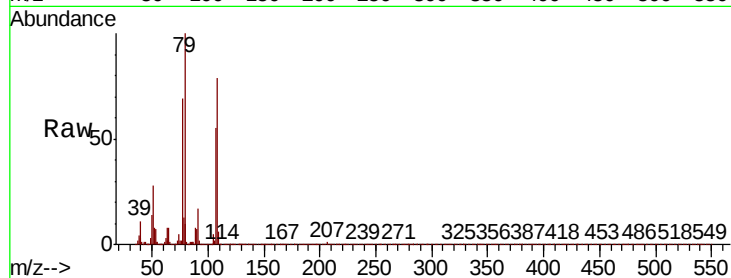




#15
Benzyl Alcohol
Concen: 7.560 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

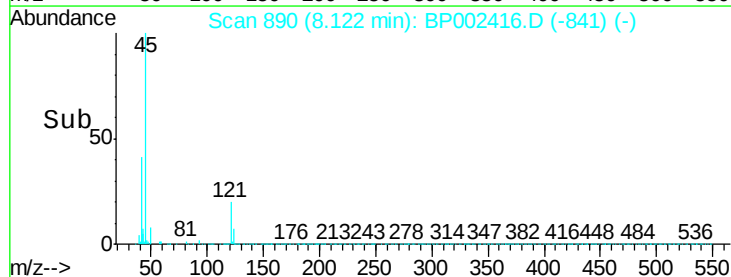
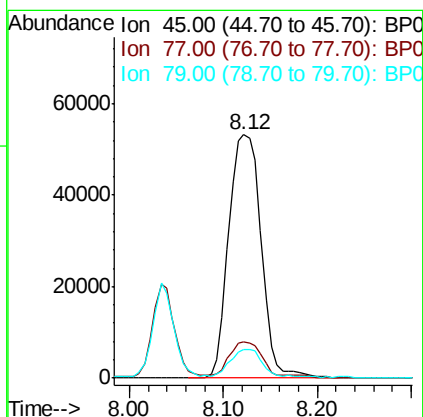
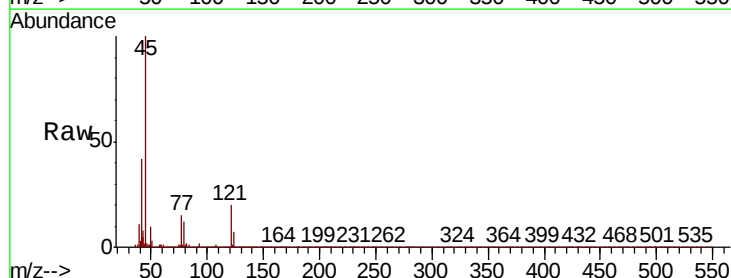
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

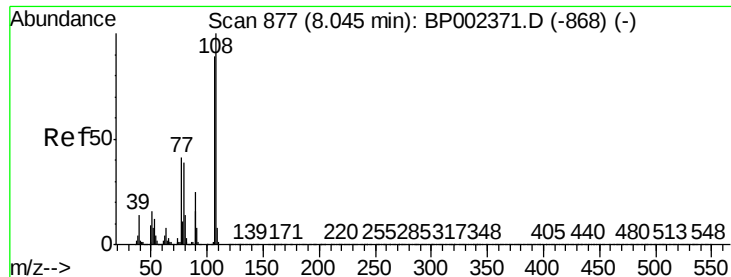
Tot Ion: 79 Resp: 69065
Ion Ratio Lower Upper
79 100
108 79.1 62.6 94.0
77 68.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.432 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion: 45 Resp: 127690
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.0
79 11.5 0.0 32.0





#17

2-Methylphenol

Concen: 7.585 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

Tot Ion:107 Resp: 70845

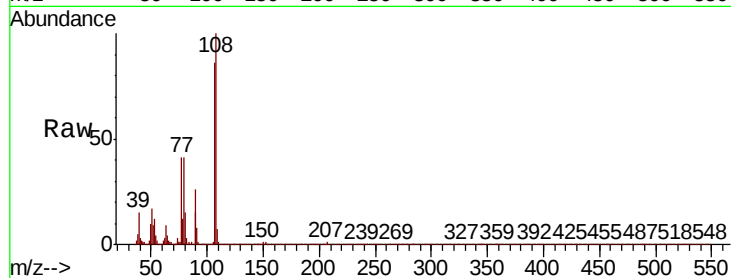
Ion Ratio Lower Upper

107 100

108 116.0 90.3 135.5

77 47.6 37.1 55.7

79 48.0 35.8 53.6



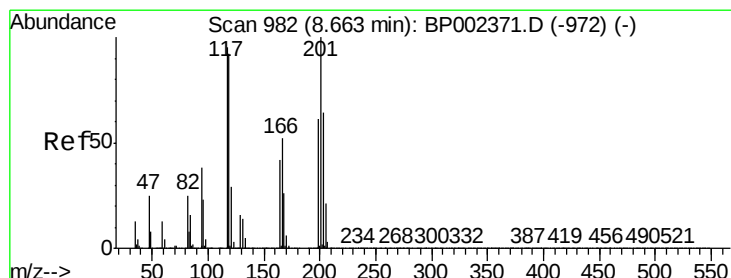
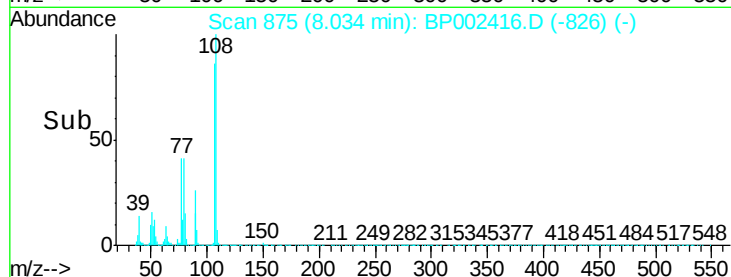
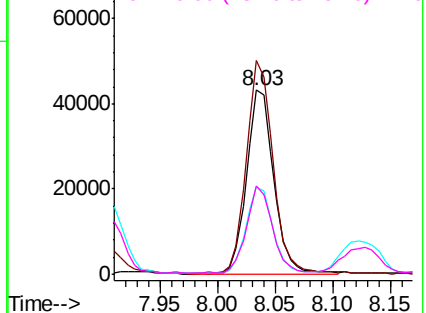
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 8.189 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

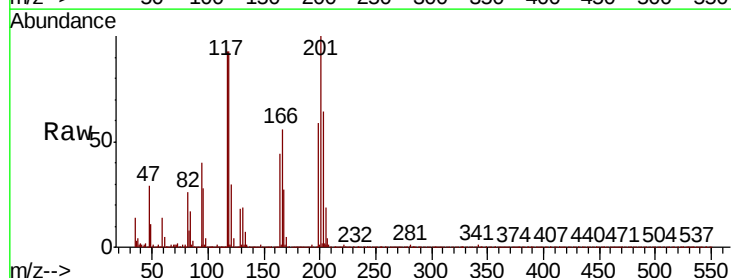
Tgt Ion:117 Resp: 34402

Ion Ratio Lower Upper

117 100

119 100.4 77.8 116.8

201 107.5 84.2 126.4

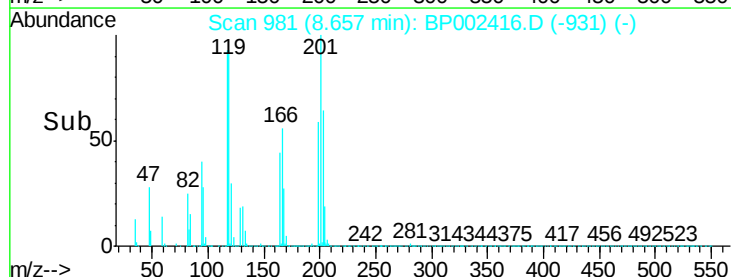
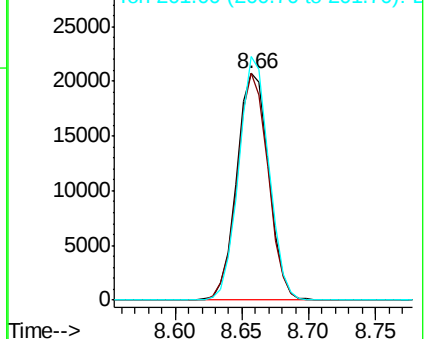


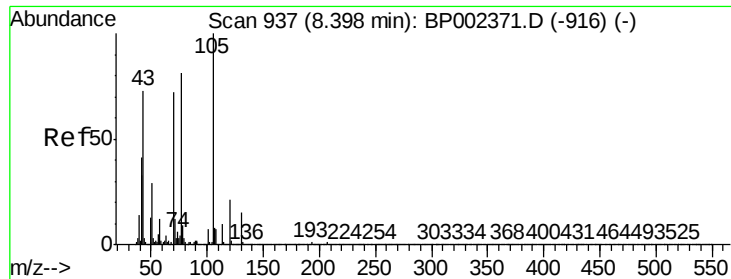
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

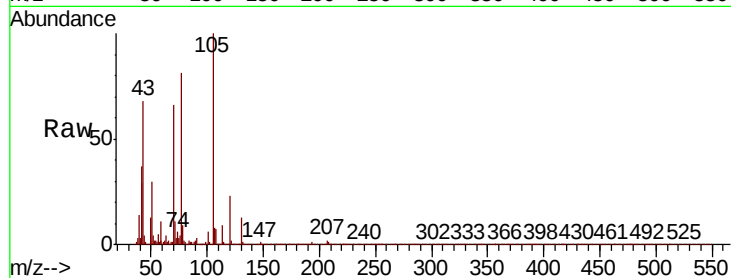




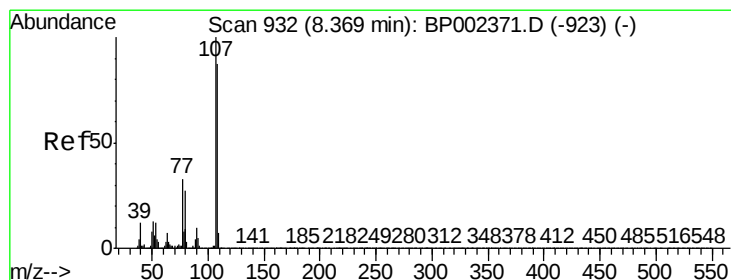
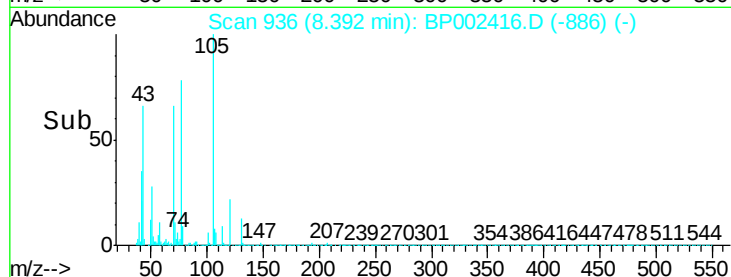
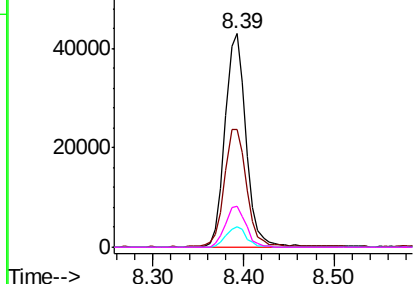
#19
n-Nitroso-di-n-propylamine
Concen: 8.741 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:	70	Resp:	68866
Ion	Ratio	Lower	Upper
70	100		
42	55.2	45.7	68.5
101	9.7	7.5	11.3
130	19.4	16.6	25.0

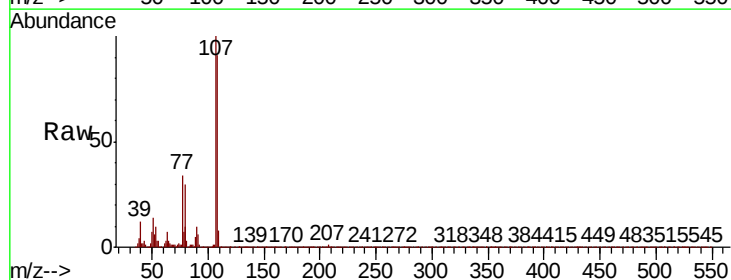


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

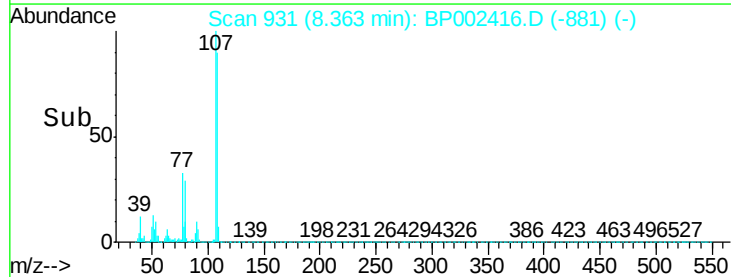
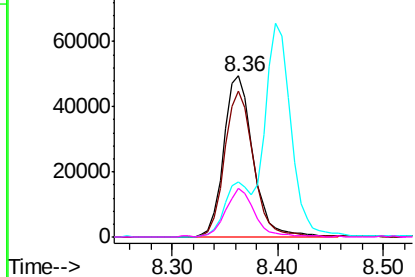


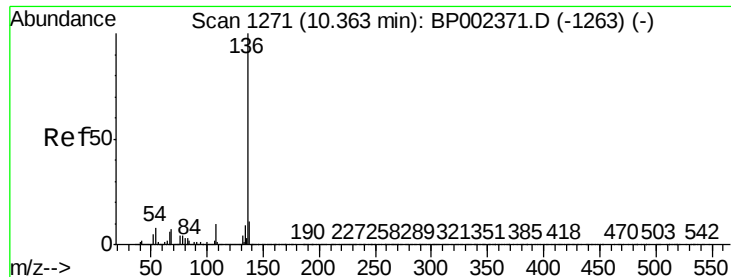
#20
3+4-Methylphenols
Concen: 7.479 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:	107	Resp:	94279
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.5	107.5
77	33.8	13.5	53.5
79	30.0	7.4	47.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

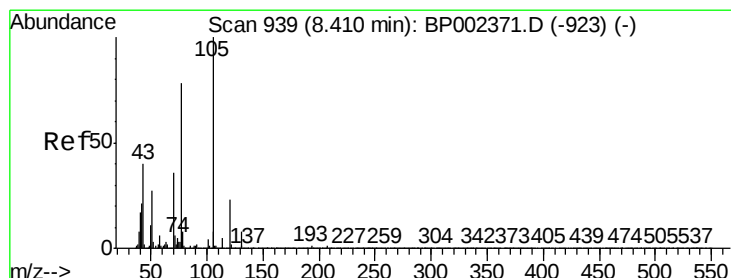
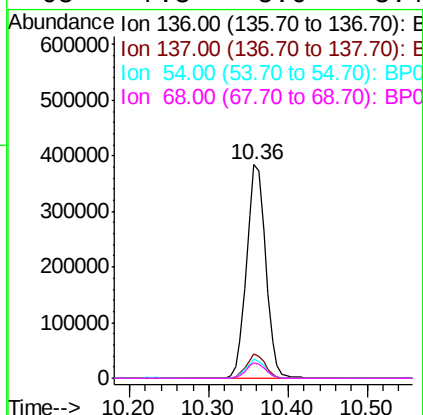
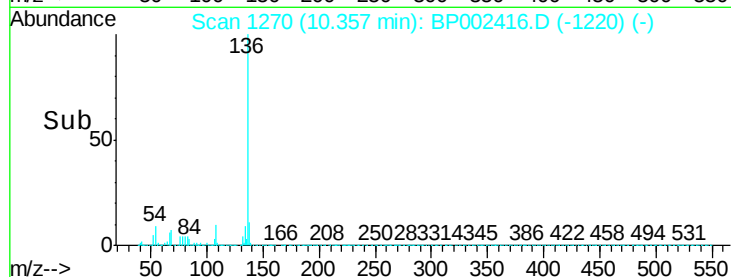
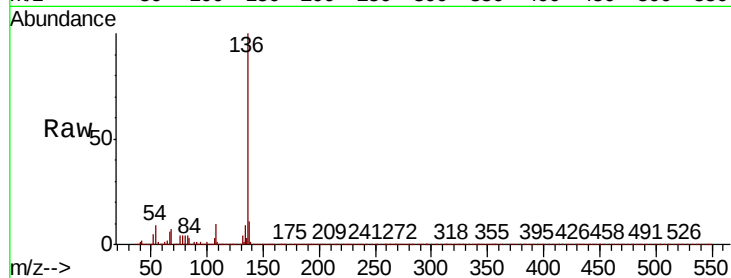




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

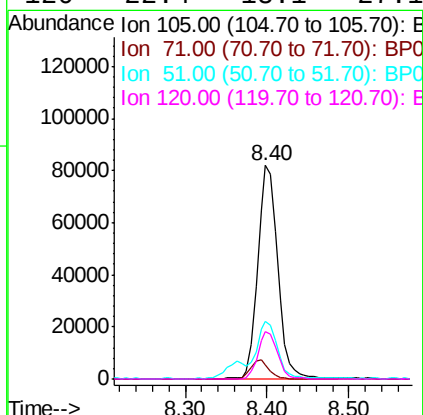
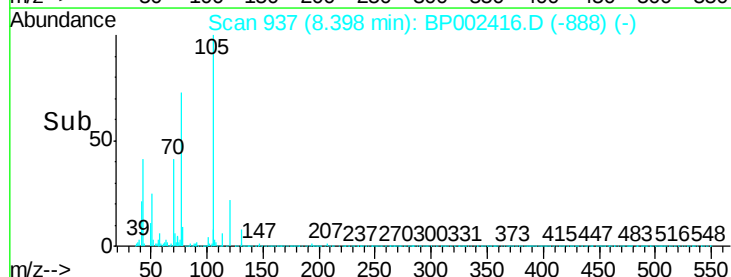
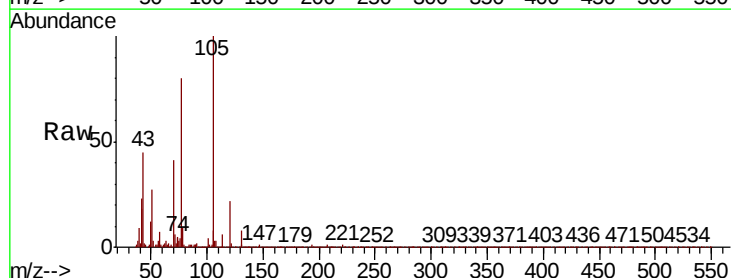
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

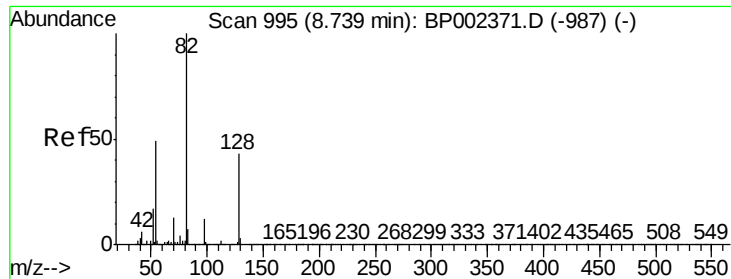
Tot Ion:136	Resp:	647316	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 9.0	6.4	9.6	
68 7.3	5.6	8.4	



#22
Acetophenone
Concen: 9.618 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt	Ion:105	Resp:	139877
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.7	7.1
51	27.0	21.4	32.0
120	22.4	18.1	27.1

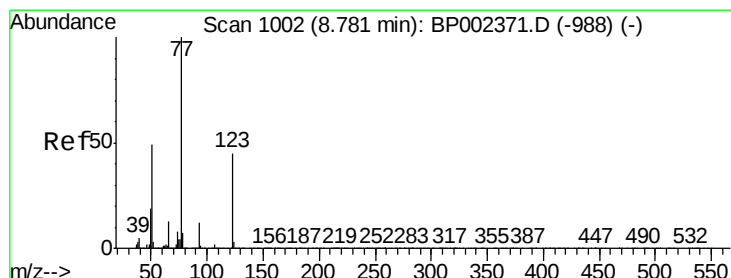
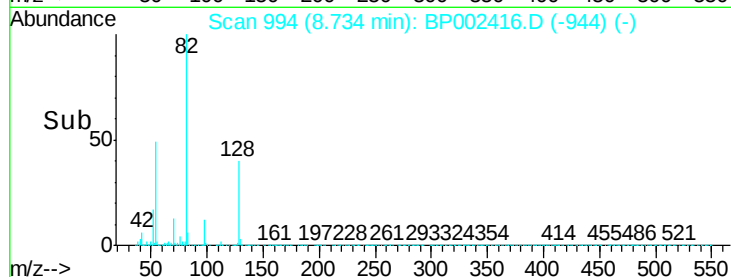
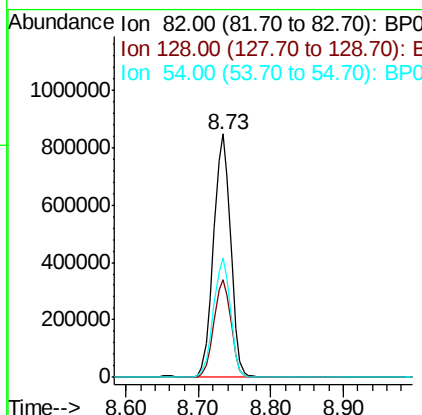
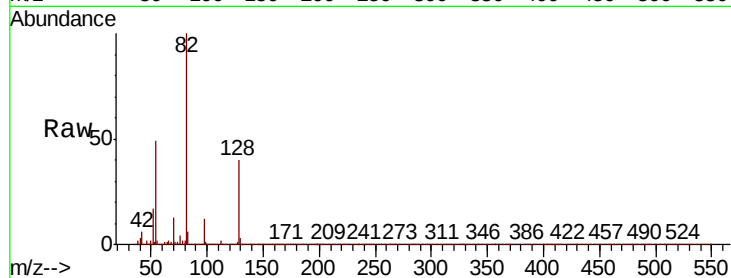




#23
Nitrobenzene-d5
Concen: 128.073 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

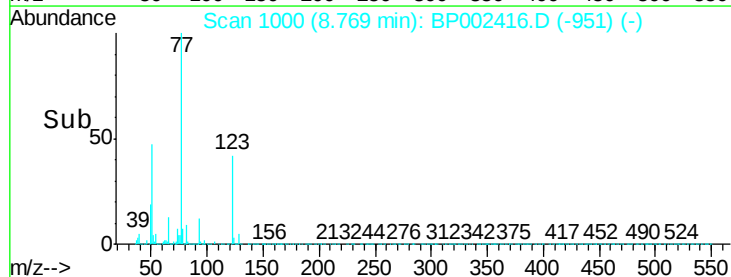
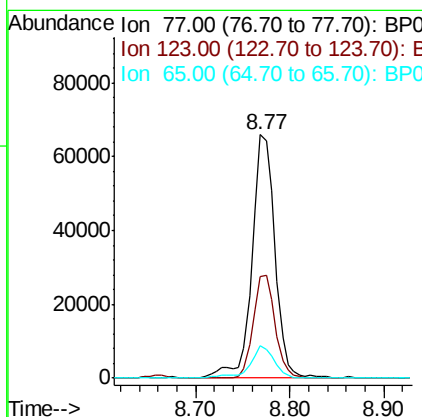
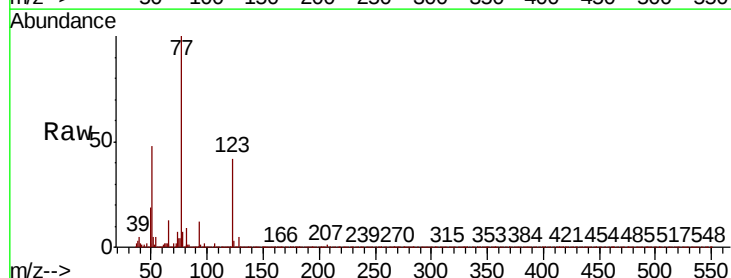
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion: 82 Resp: 1388231
Ion Ratio Lower Upper
82 100
128 39.9 34.5 51.7
54 49.0 39.4 59.2



#24
Nitrobenzene
Concen: 9.487 ng
RT: 8.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion: 77 Resp: 110545
Ion Ratio Lower Upper
77 100
123 41.8 35.8 53.8
65 13.1 10.5 15.7





#25

Isophorone

Concen: 8.681 ng

RT: 9.29 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

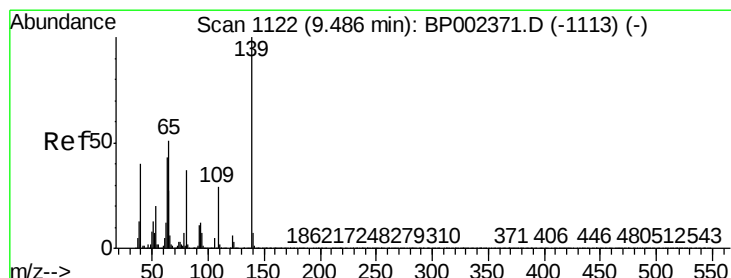
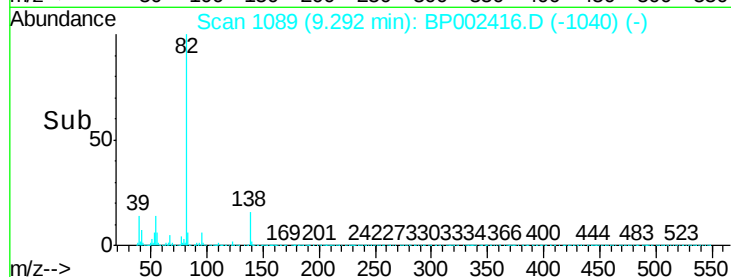
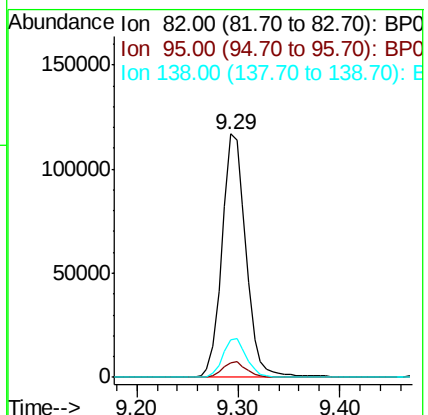
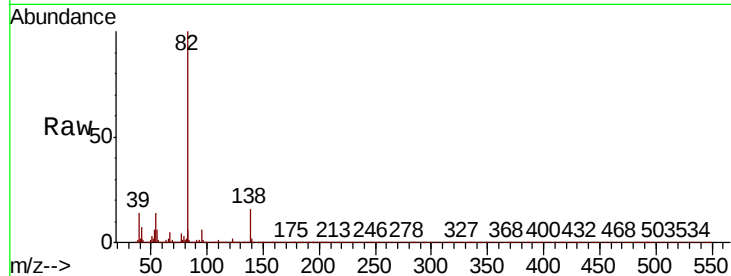
Tot Ion: 82 Resp: 191634

Ion Ratio Lower Upper

82 100

95 6.0 5.4 8.2

138 15.5 13.4 20.0



#26

2-Nitrophenol

Concen: 7.623 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

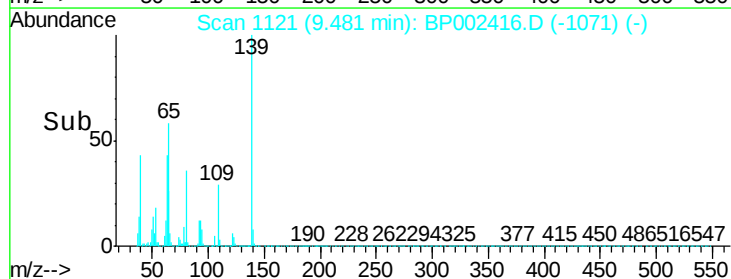
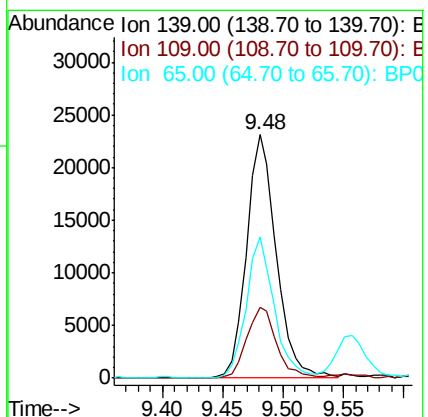
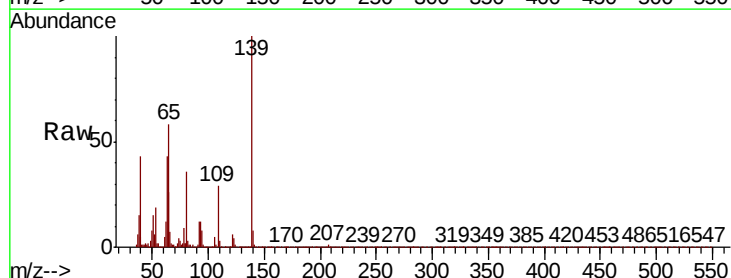
Tgt Ion: 139 Resp: 39578

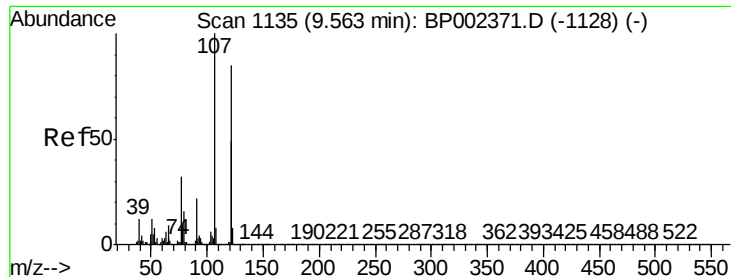
Ion Ratio Lower Upper

139 100

109 29.3 23.4 35.2

65 58.2 41.1 61.7

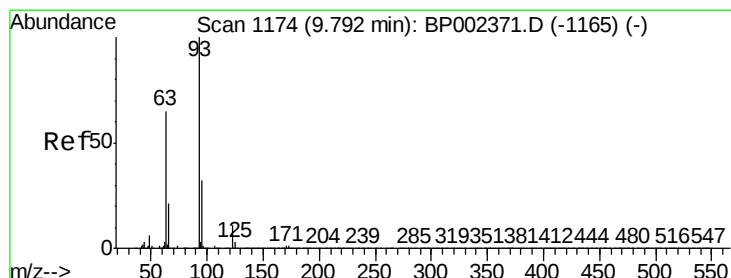
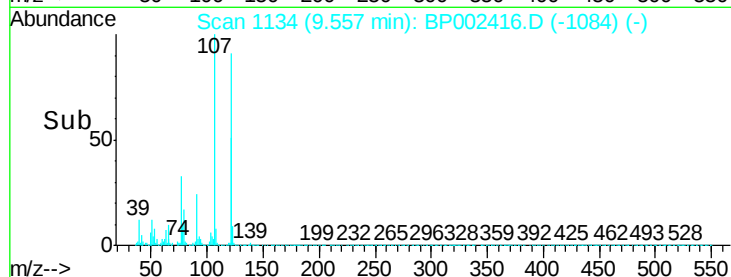
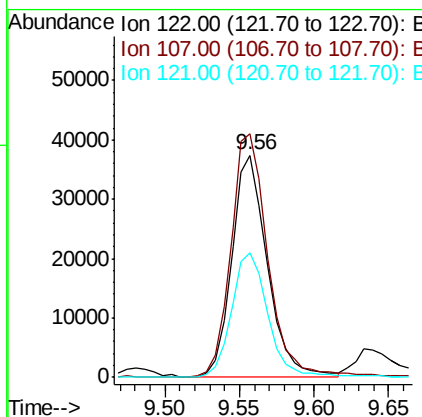
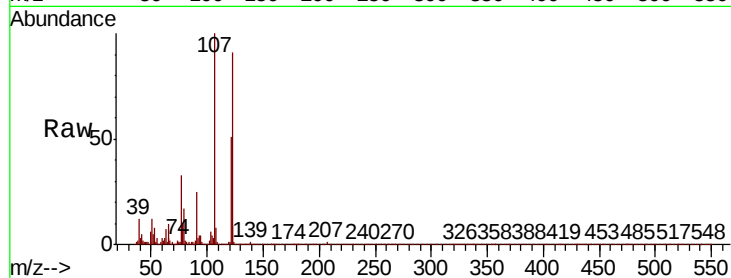




#27
2,4-Dimethylphenol
Concen: 7.556 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

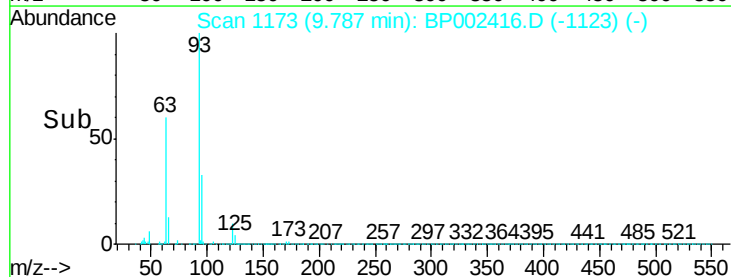
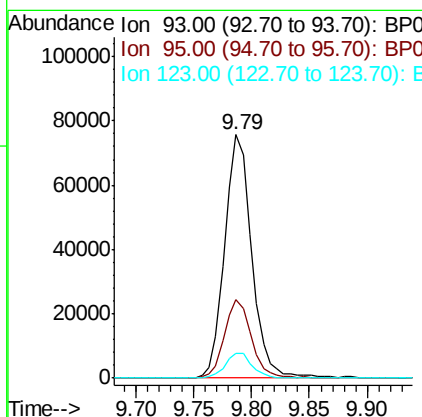
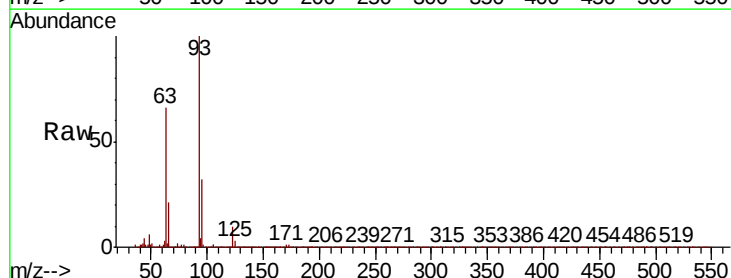
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

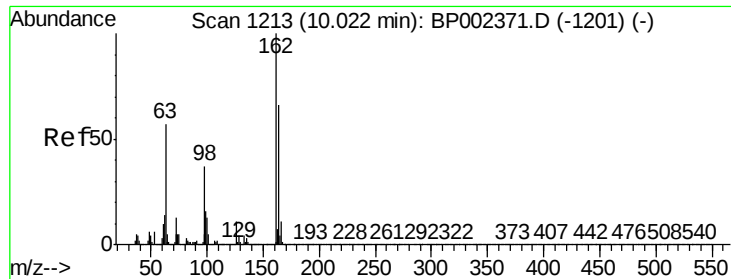
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	94.0	141.0
121	56.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 9.373 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	10.1	8.7	13.1

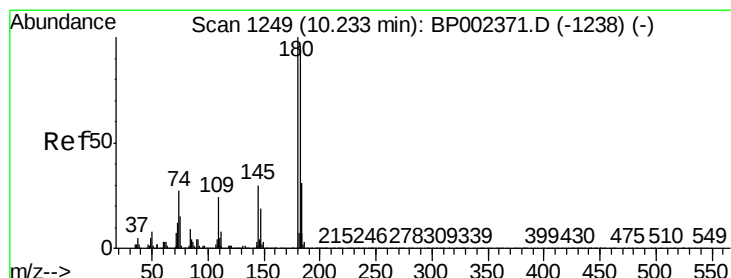
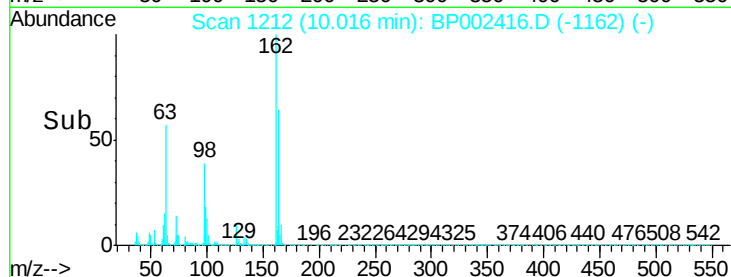
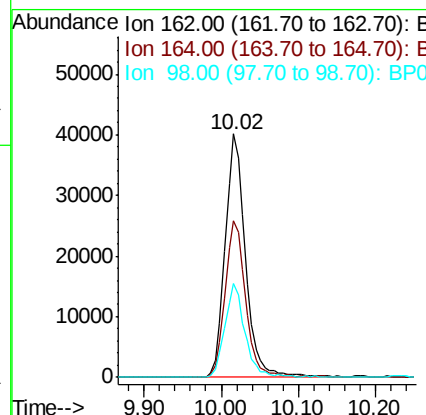
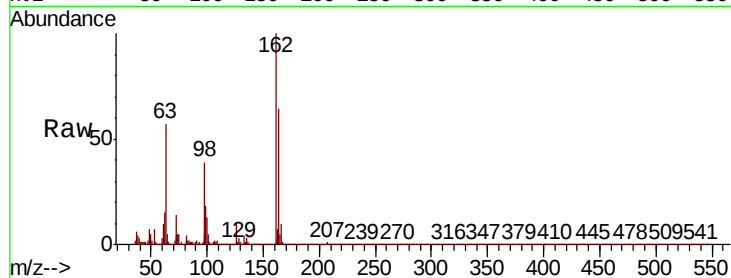




#29
2,4-Dichlorophenol
Concen: 8.058 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

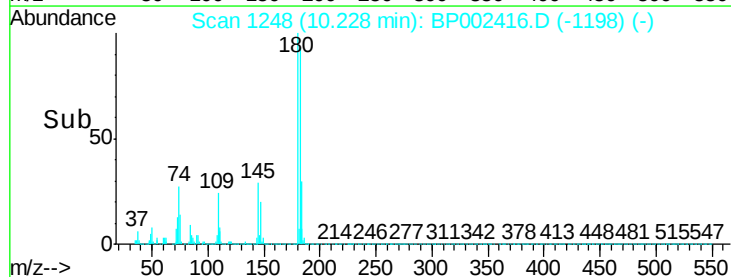
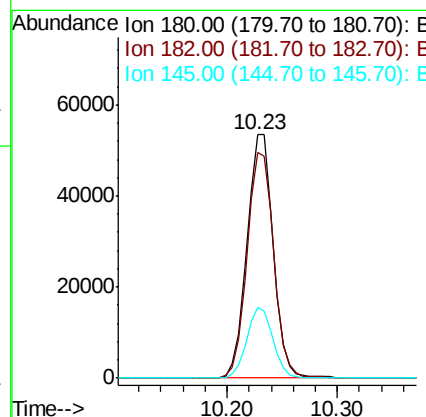
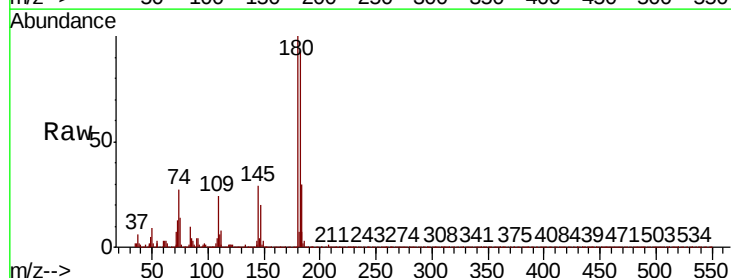
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

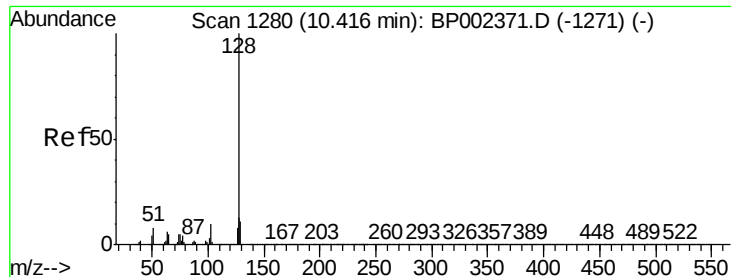
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.5	85.5
98	38.7	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 8.762 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.1	115.7
145	28.9	23.8	35.6

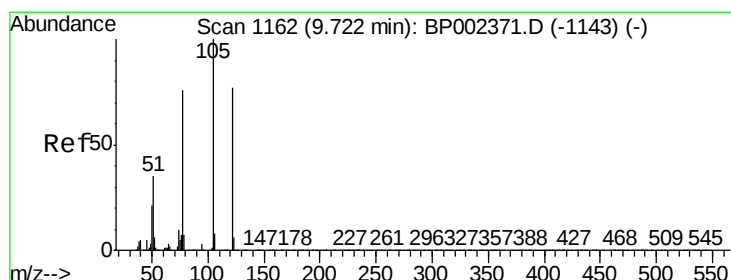
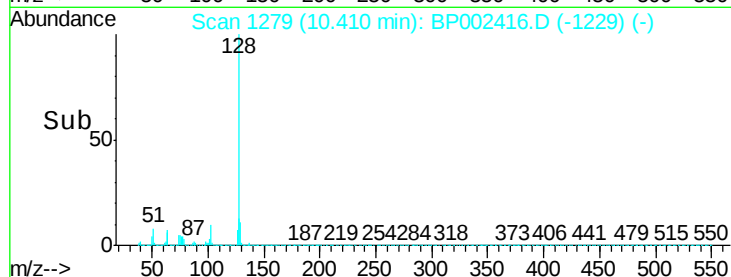
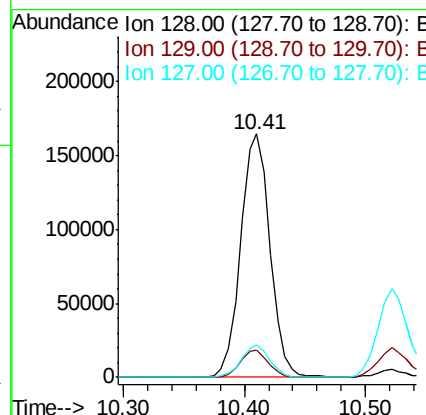
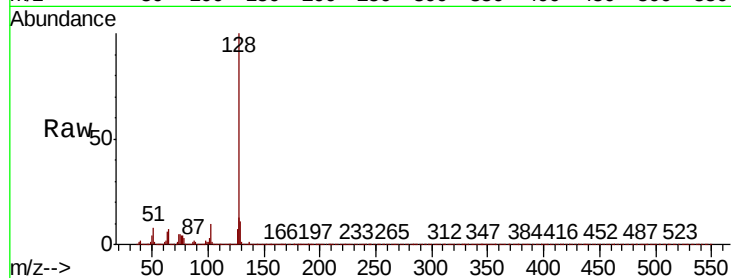




#31
Naphthalene
Concen: 9.268 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

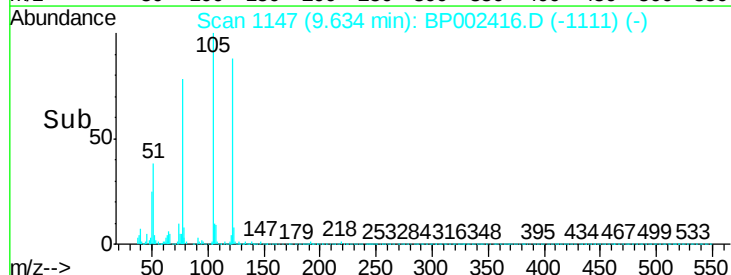
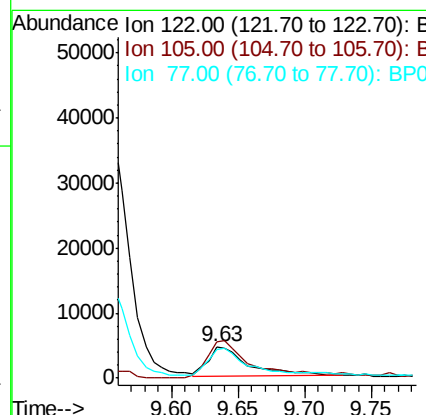
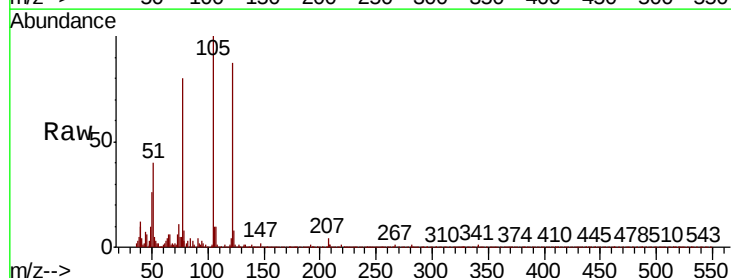
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

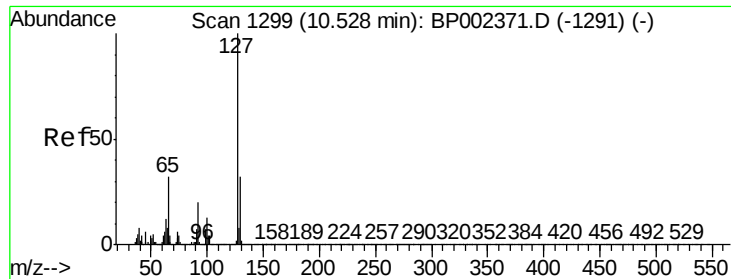
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.3	15.5



#32
Benzoic acid
Concen: 1.519 ng
RT: 9.63 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.8	106.3	146.3
77	91.5	77.5	117.5

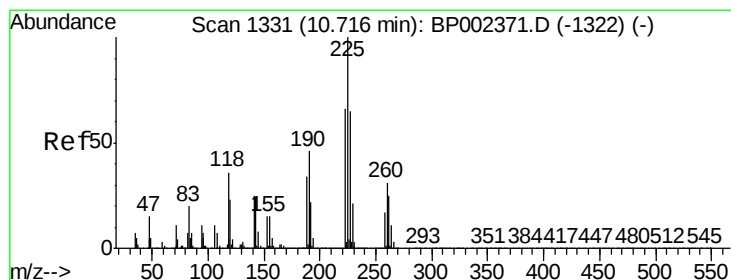
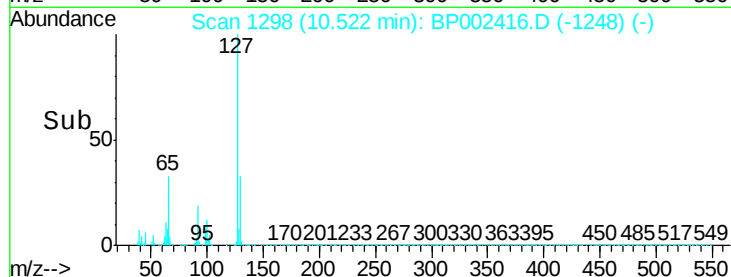
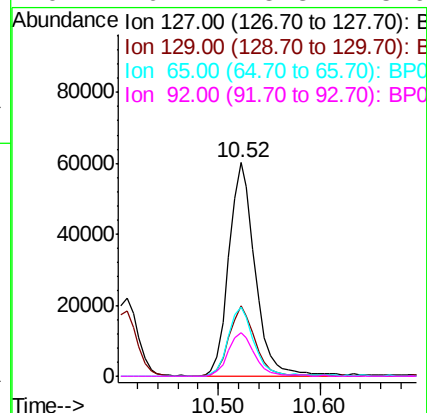
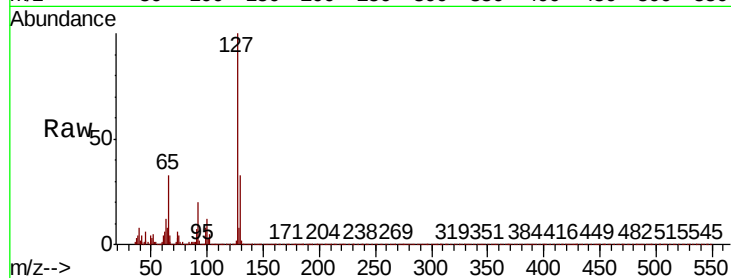




#33
4-Chloroaniline
Concen: 8.204 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

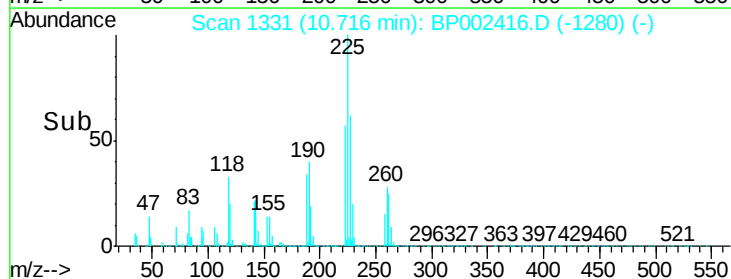
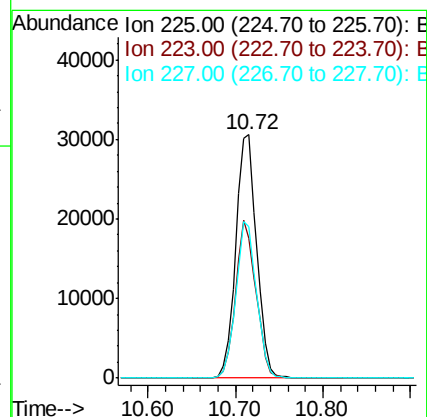
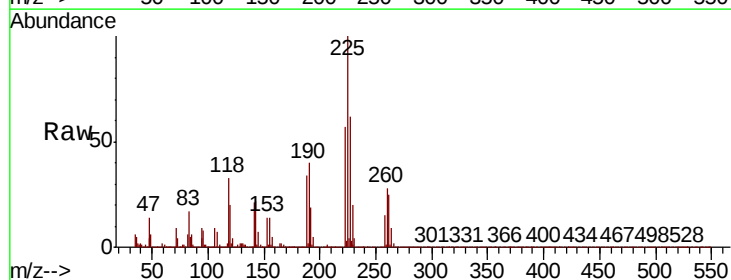
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

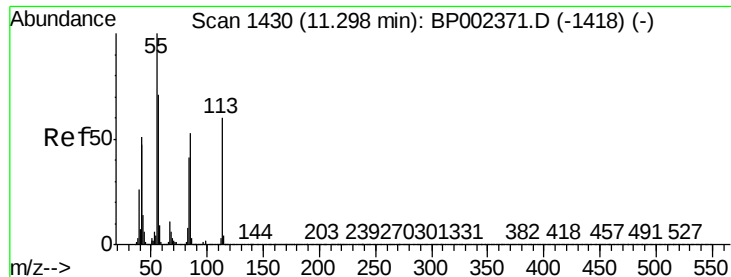
Tot Ion:	127	Resp:	107706
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	32.6	25.3	37.9
92	20.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 8.289 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:	225	Resp:	49440
Ion	Ratio	Lower	Upper
225	100		
223	57.3	52.6	78.8
227	62.4	52.2	78.2

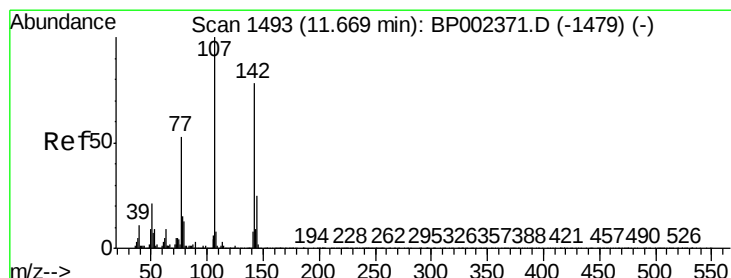
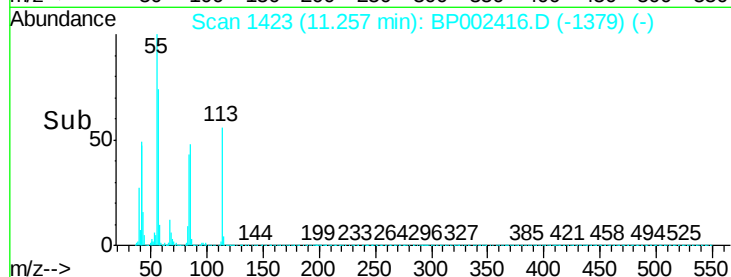
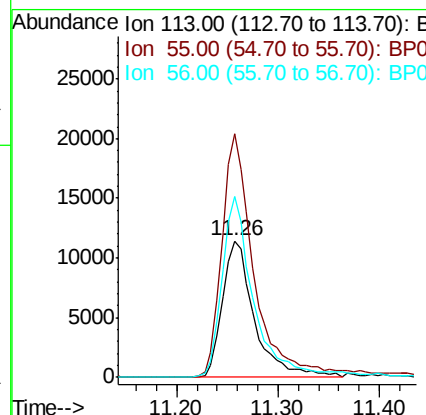
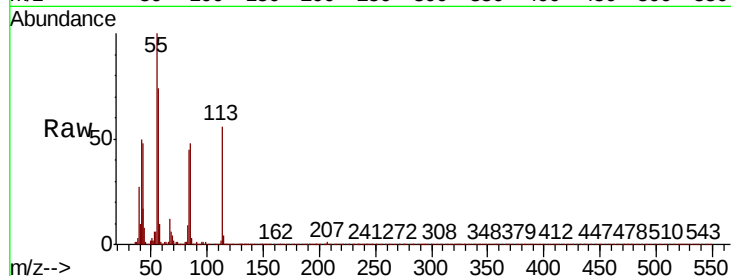




#35
Caprolactam
Concen: 7.788 ng
RT: 11.26 min Scan# 1423
Delta R.T. -0.04 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

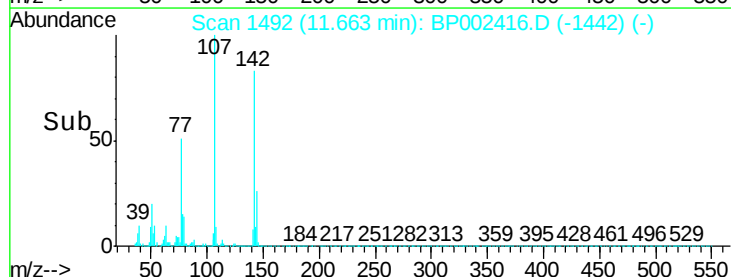
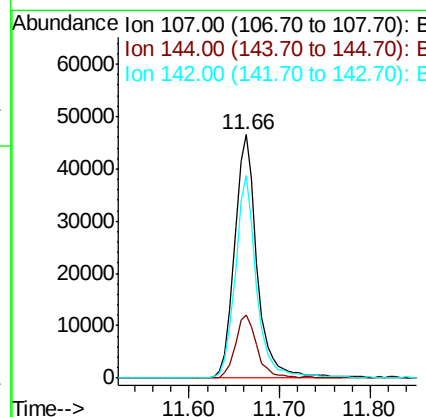
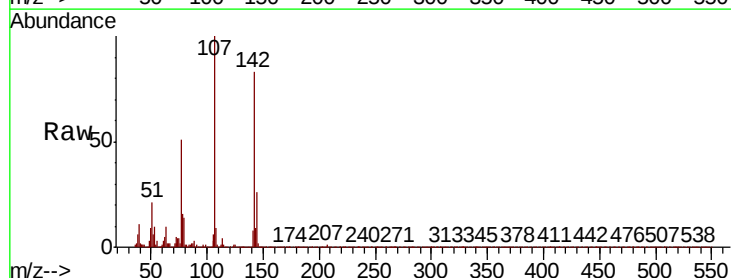
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

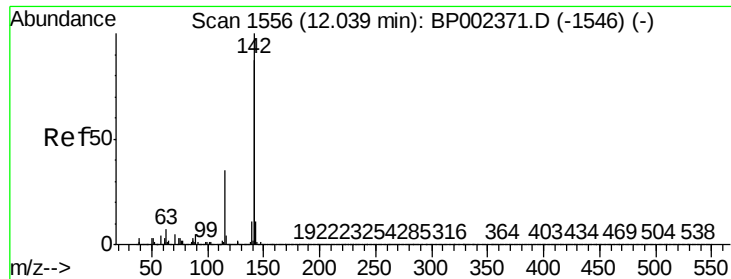
Tot Ion:113 Resp: 25185
Ion Ratio Lower Upper
113 100
55 178.8 147.9 187.9
56 132.8 99.9 139.9



#36
4-Chloro-3-methylphenol
Concen: 8.142 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:107 Resp: 80774
Ion Ratio Lower Upper
107 100
144 26.2 20.4 30.6
142 83.3 62.2 93.4

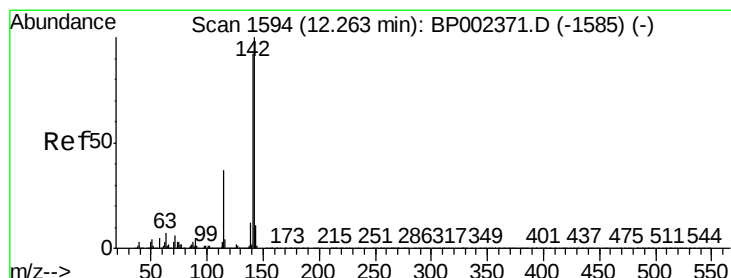
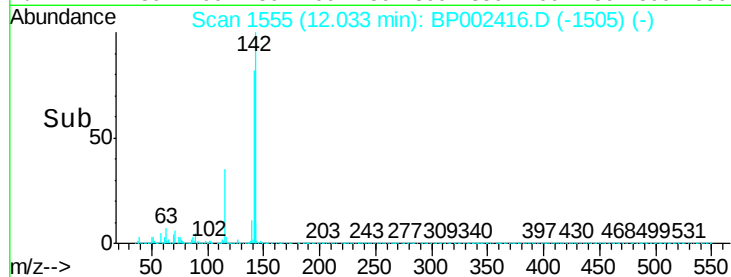
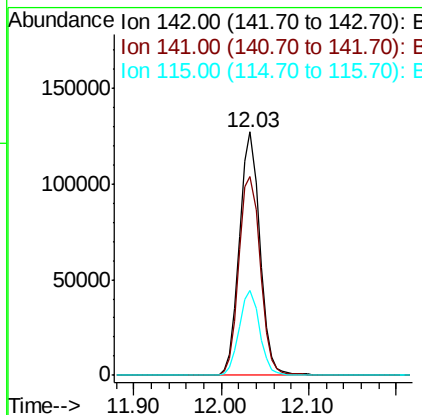
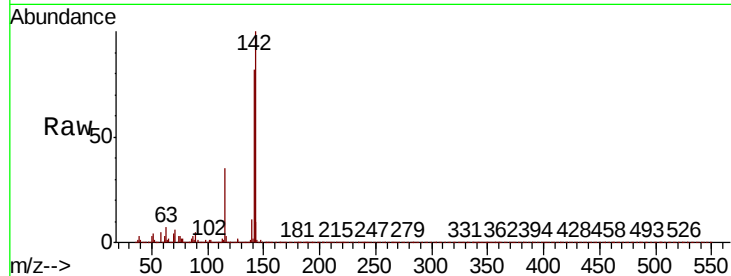




#37
2-Methylnaphthalene
Concen: 9.327 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

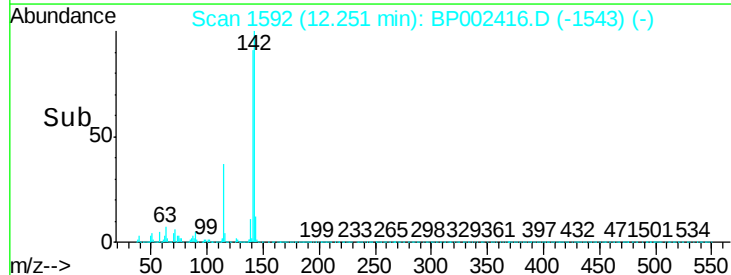
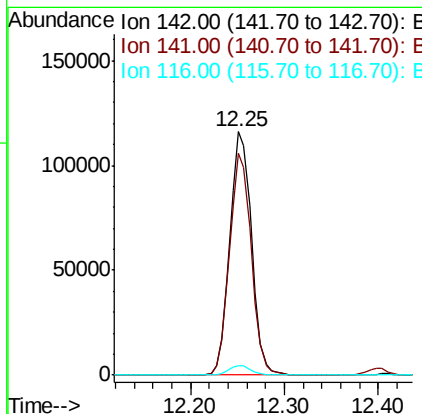
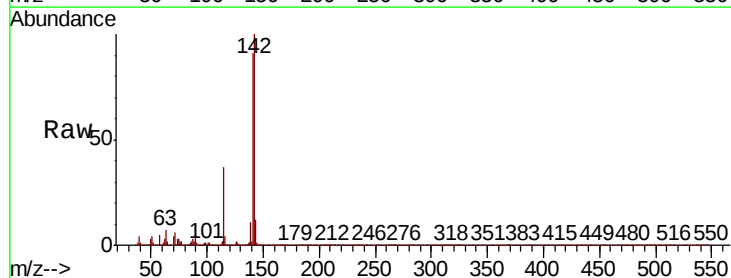
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

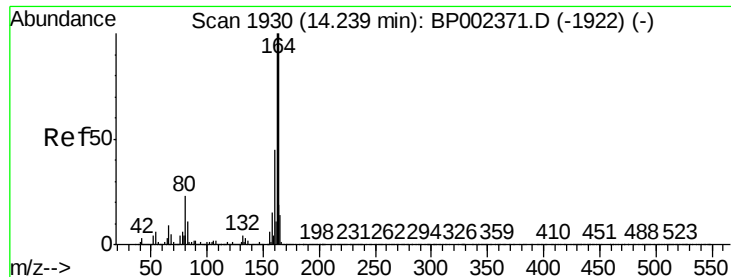
Tot Ion	Ratio	Lower	Upper
142	100		
141	81.6	69.7	104.5
115	34.8	27.8	41.8



#38
1-Methylnaphthalene
Concen: 9.298 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.6	110.4
116	3.7	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: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

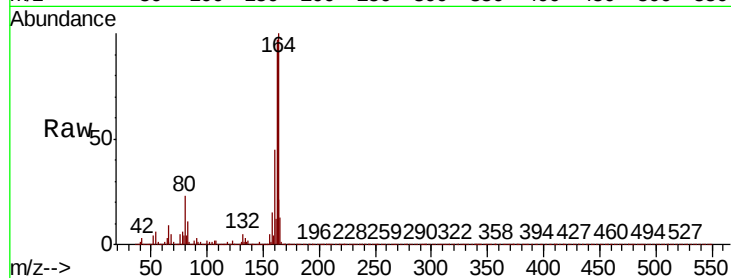
Tot Ion:164 Resp: 396964

Ion Ratio Lower Upper

164 100

162 96.6 79.8 119.8

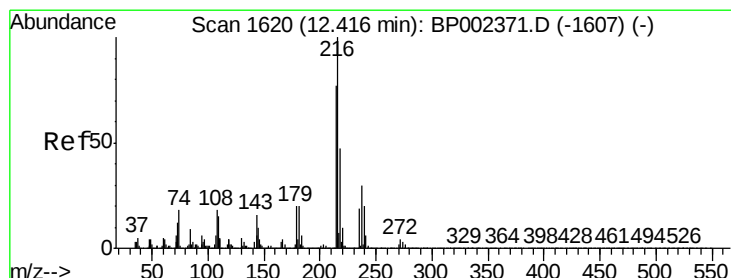
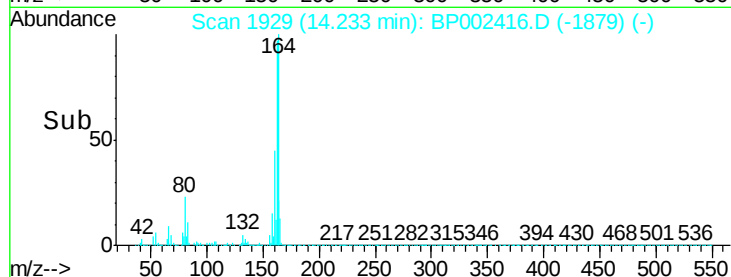
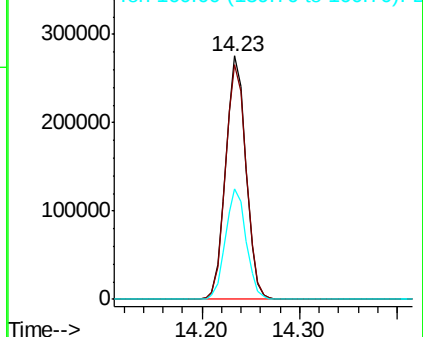
160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.382 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Tgt Ion:216 Resp: 98176

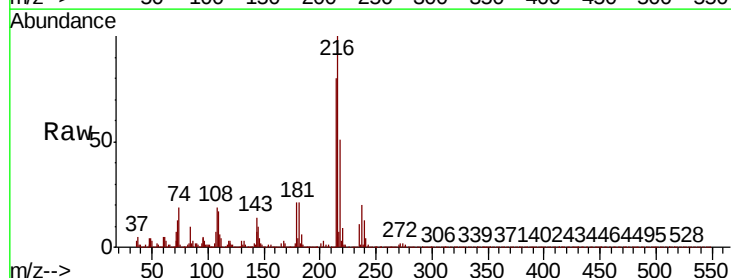
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 20.5 16.4 24.6

108 19.9 15.5 23.3

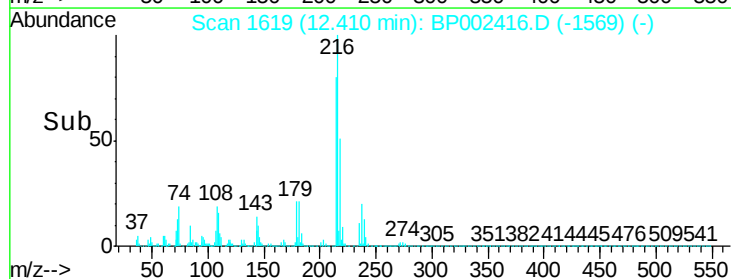
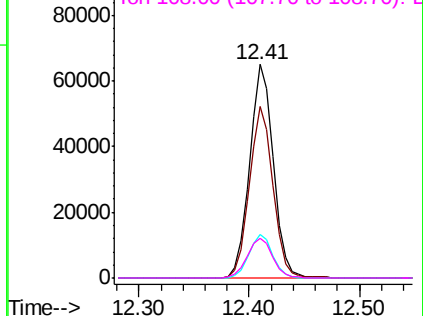


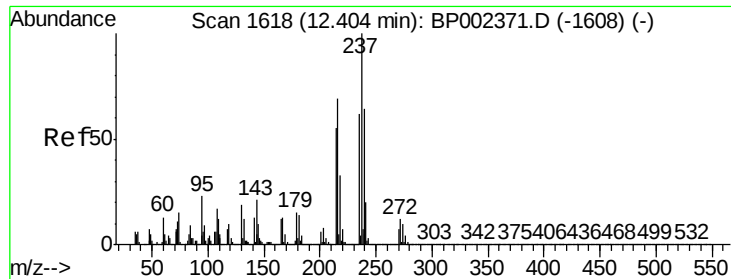
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

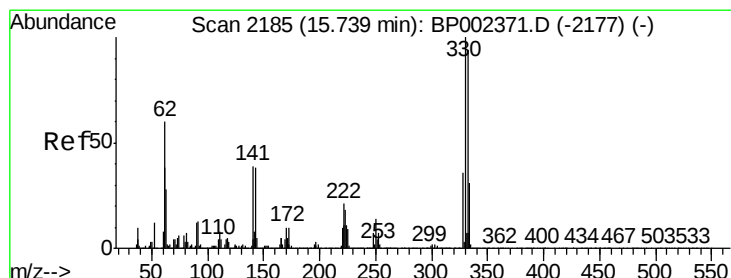
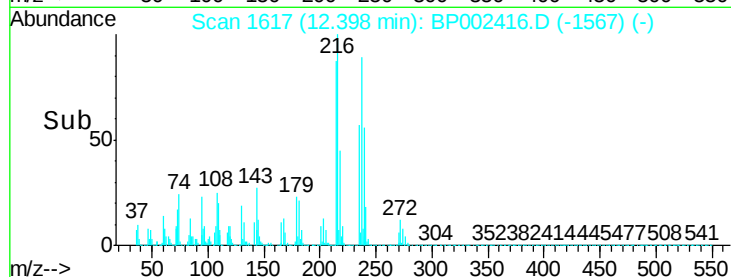
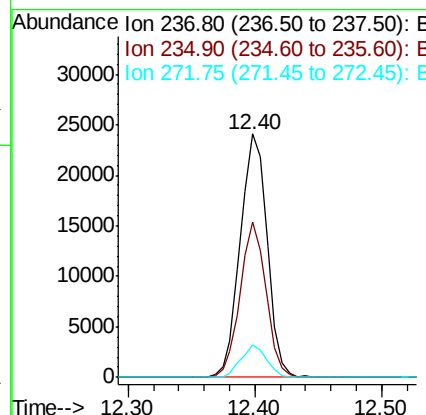
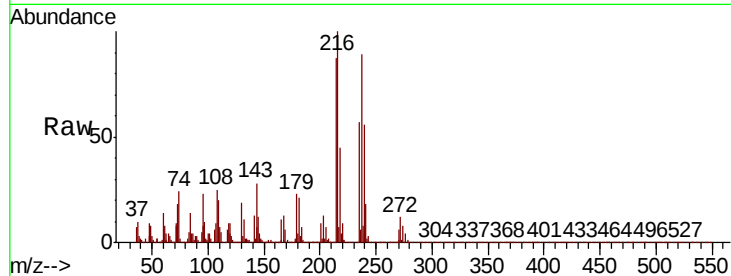




#41
Hexachlorocyclopentadiene
Concen: 6.363 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

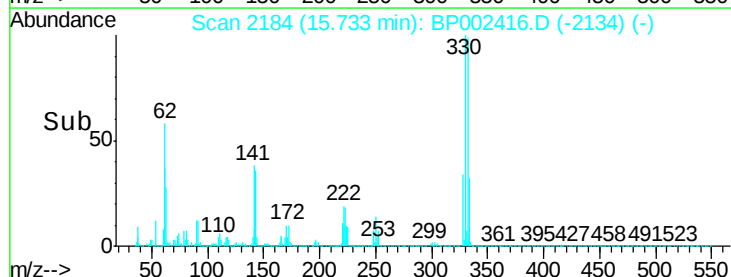
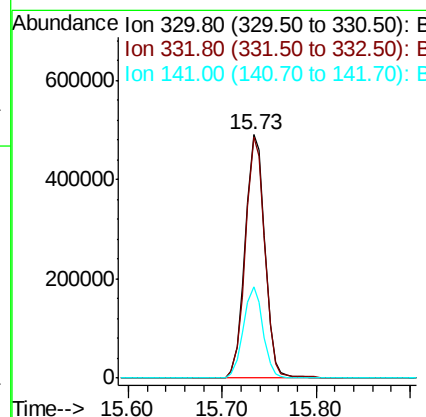
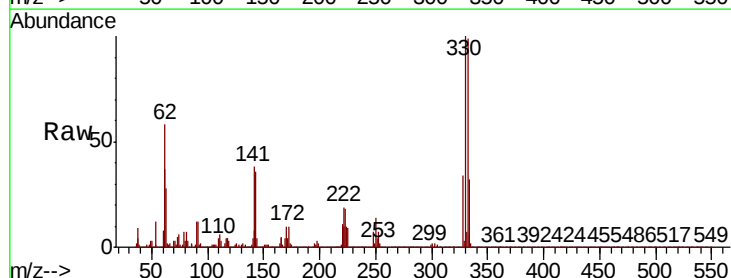
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

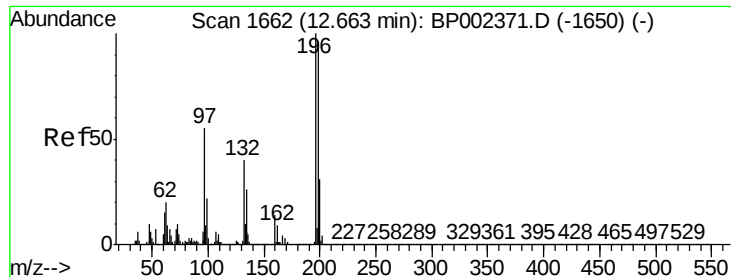
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	13.3	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 188.386 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	37.5	30.3	45.5

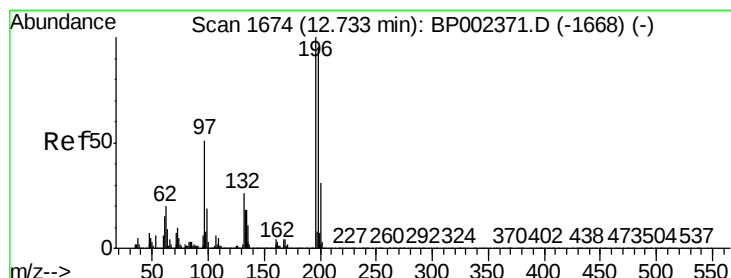
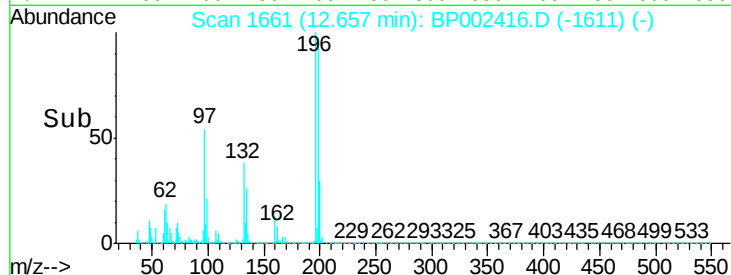
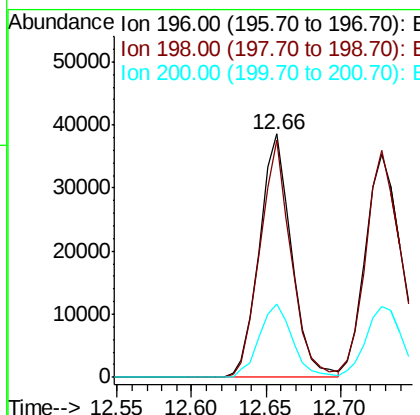
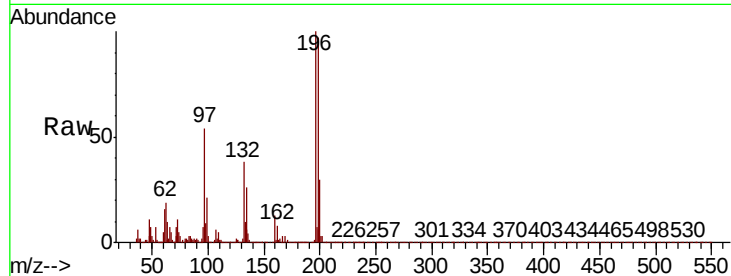




#43
 2,4,6-Trichlorophenol
 Concen: 7.747 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

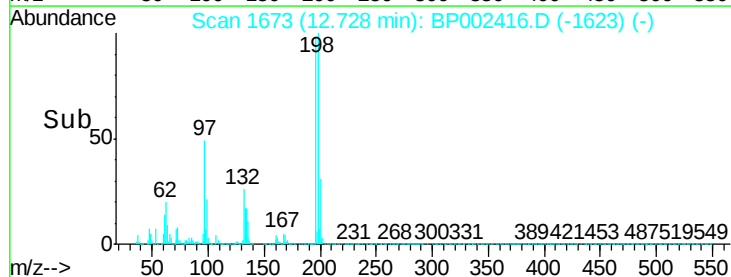
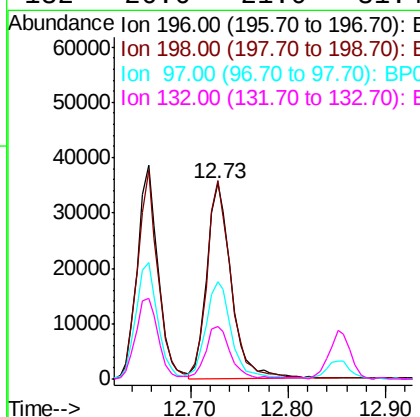
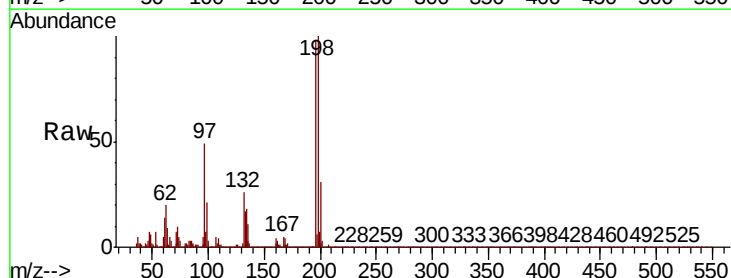
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2020

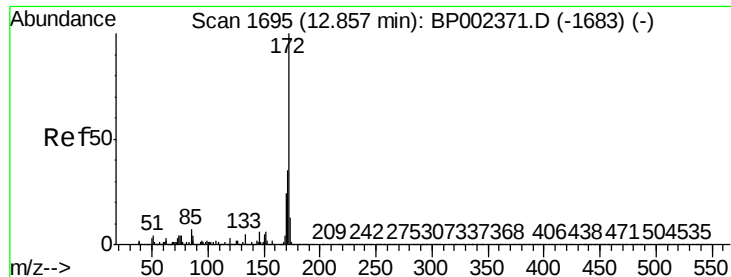
Tot Ion:196 Resp: 57374
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 30.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 7.131 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

Tgt Ion:196 Resp: 61155
 Ion Ratio Lower Upper
 196 100
 198 101.6 76.2 114.2
 97 50.0 40.6 61.0
 132 26.6 21.0 31.4

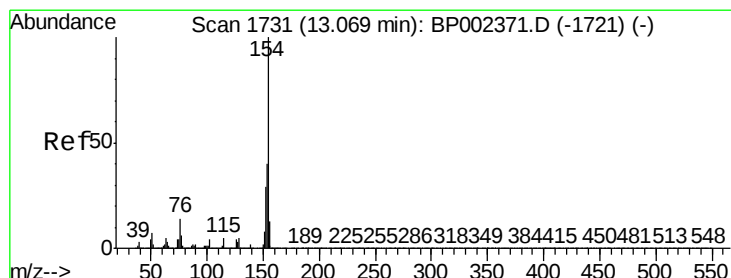
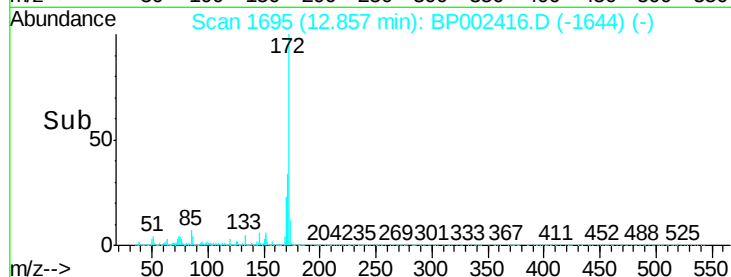
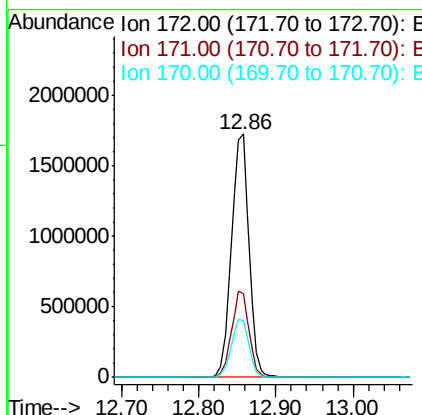
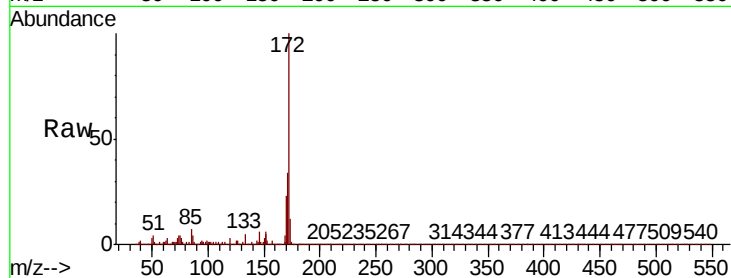




#45
2-Fluorobiphenyl
Concen: 116.841 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

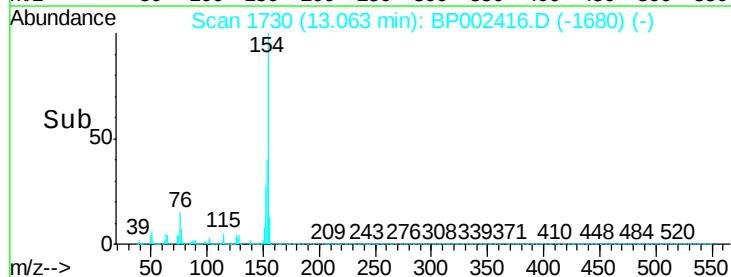
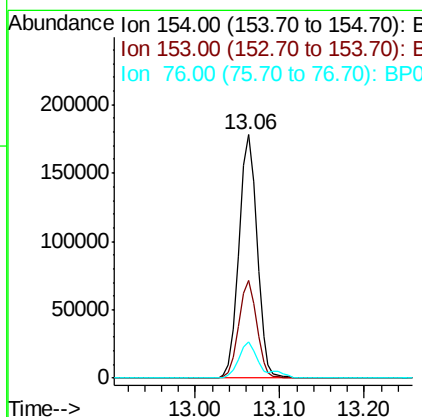
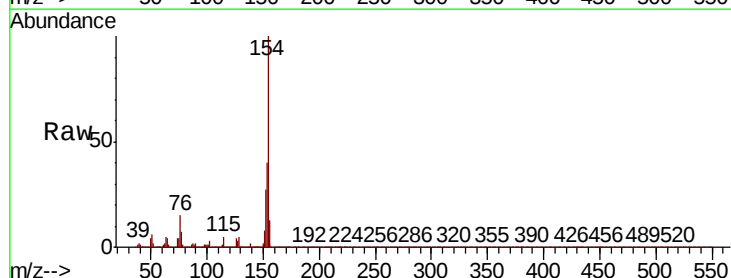
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:172 Resp: 2758483
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 10.070 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:154 Resp: 261992
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 14.8 0.0 34.2

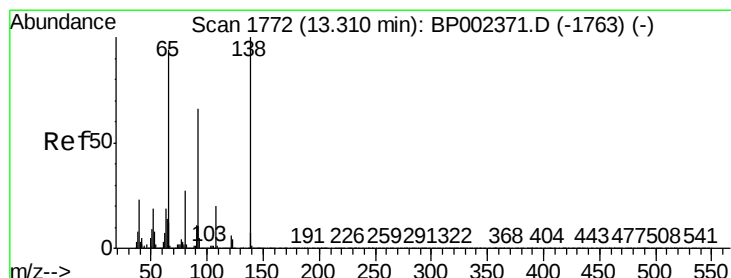
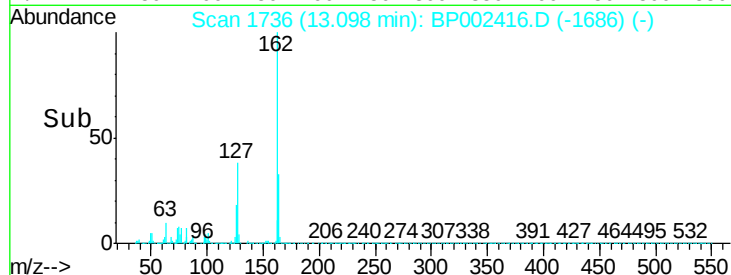
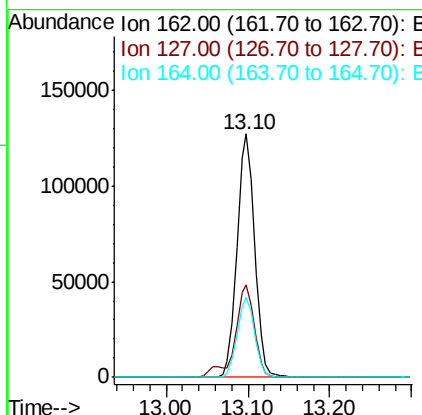
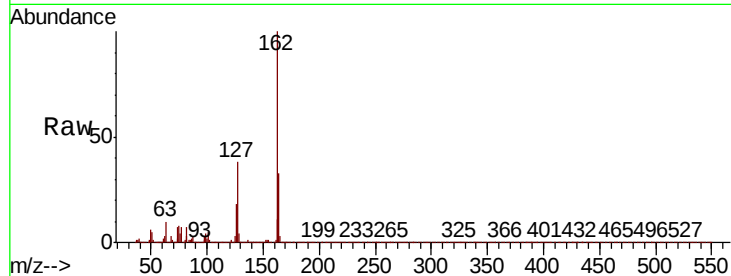




#47
2-Chloronaphthalene
Concen: 8.976 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

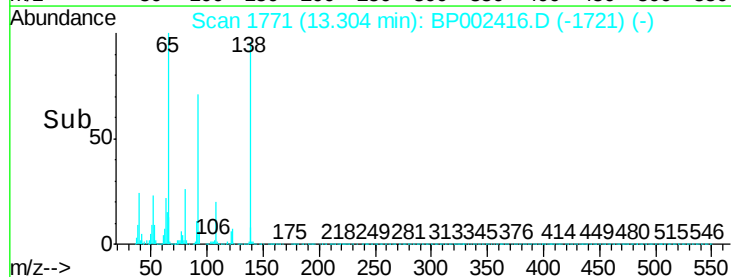
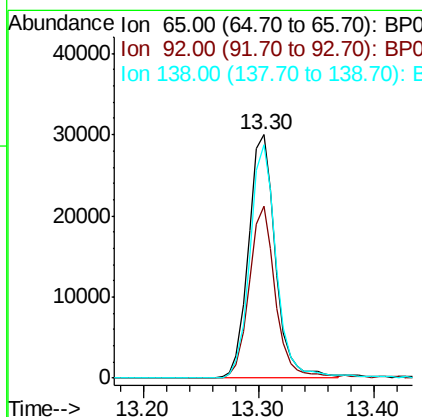
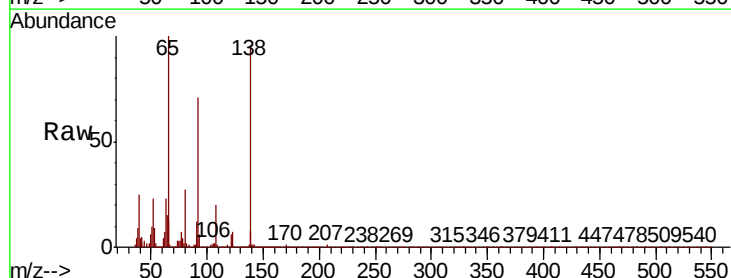
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

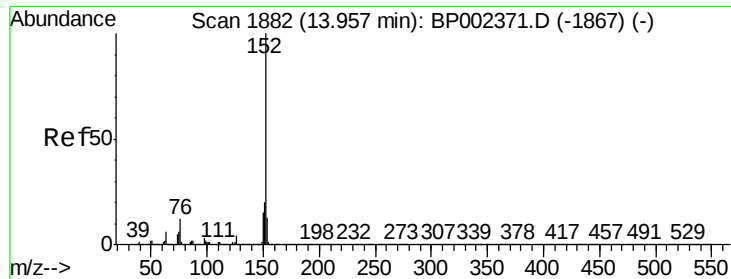
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.4
164	33.0	26.6	40.0



#48
2-Nitroaniline
Concen: 7.176 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.3	84.5
138	96.0	85.0	127.6





#49

Acenaphthylene

Concen: 8.880 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

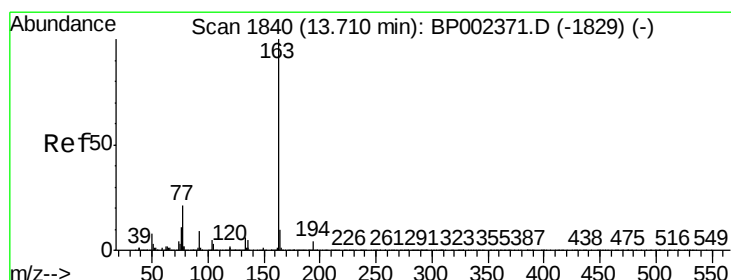
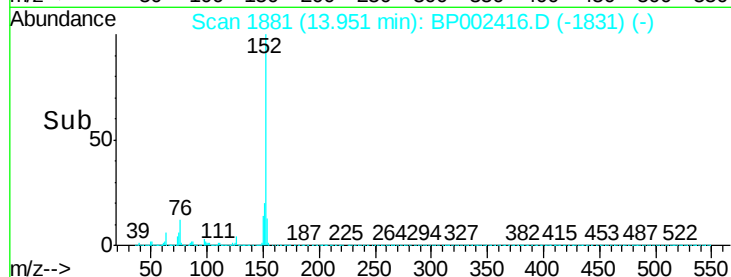
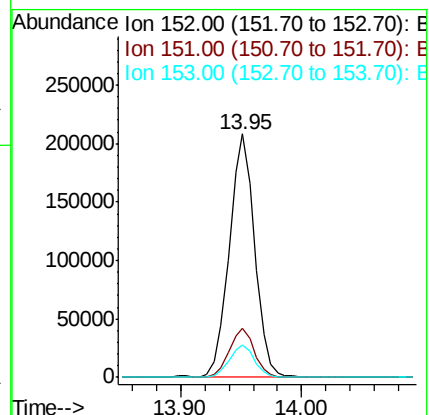
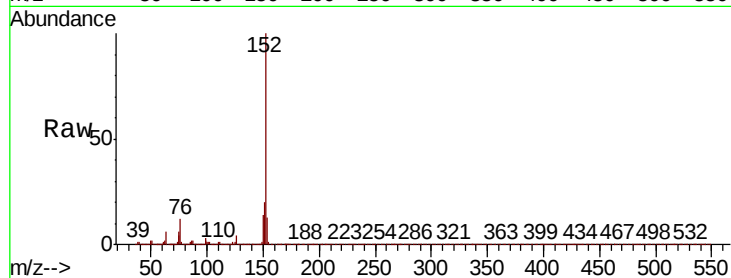
Tot Ion:152 Resp: 301606

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 8.641 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

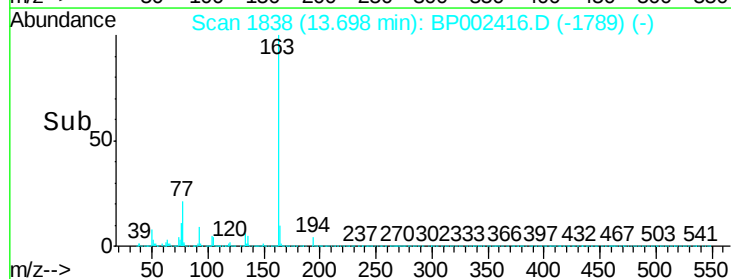
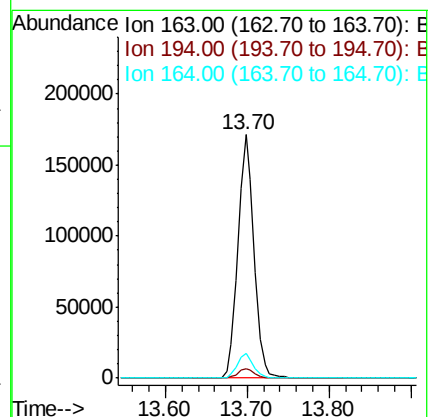
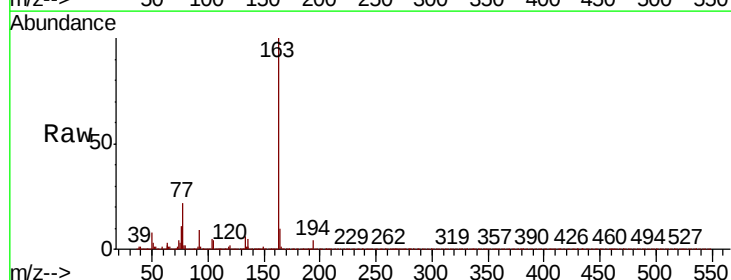
Tgt Ion:163 Resp: 235036

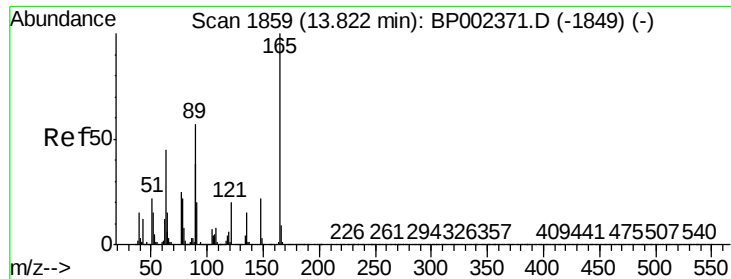
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.1 12.1

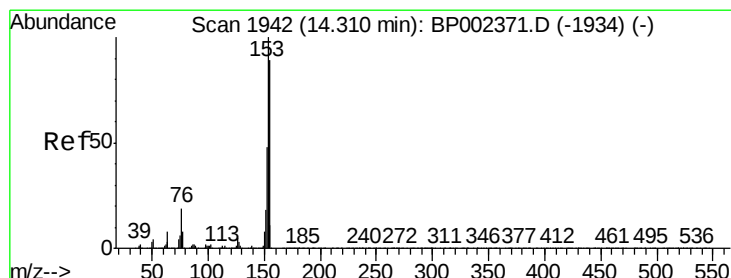
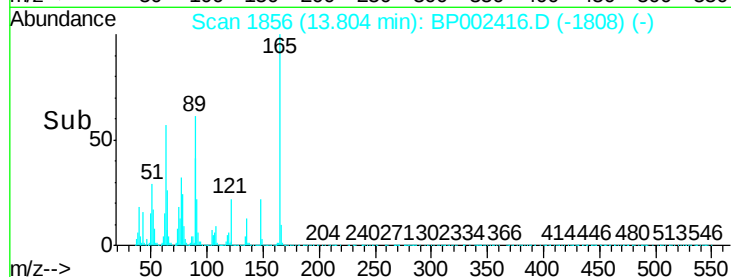
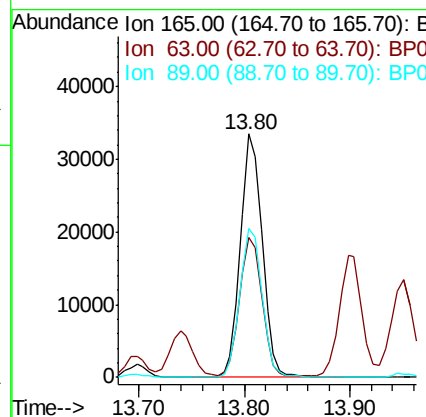
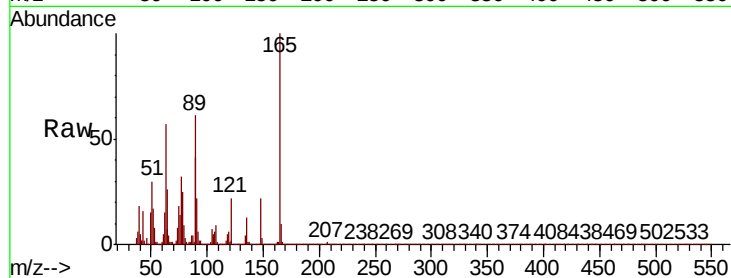




#51
2,6-Dinitrotoluene
Concen: 8.055 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

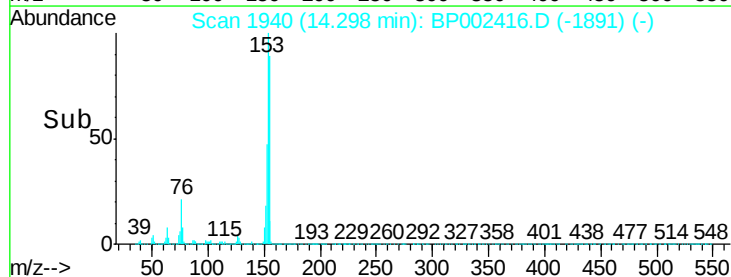
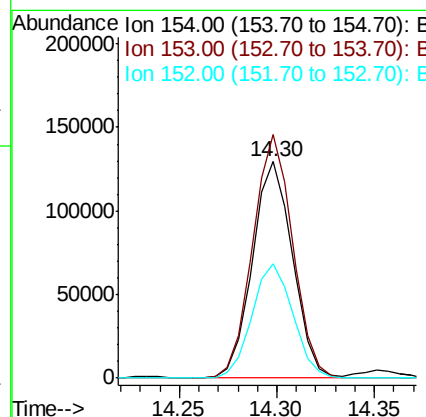
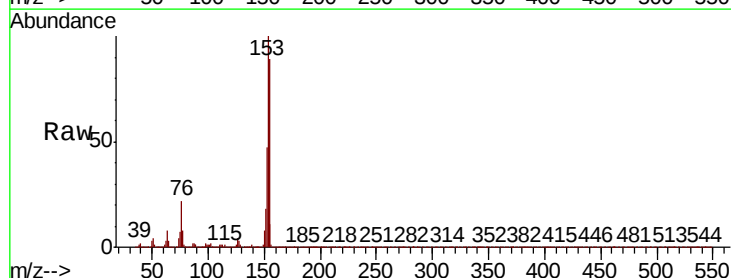
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

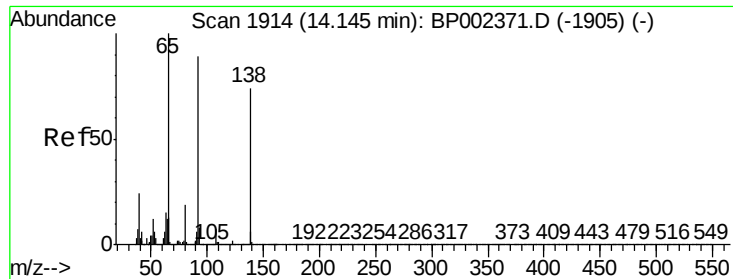
Tot Ion:165 Resp: 47580
Ion Ratio Lower Upper
165 100
63 57.4 43.1 64.7
89 61.3 45.3 67.9



#52
Acenaphthene
Concen: 9.264 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:154 Resp: 184338
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.1 43.3 64.9

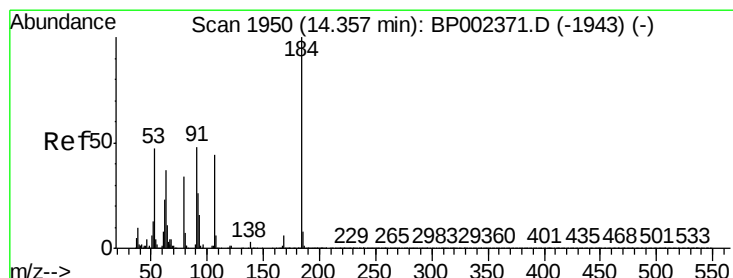
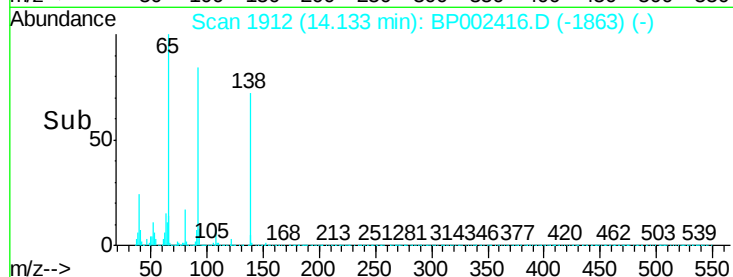
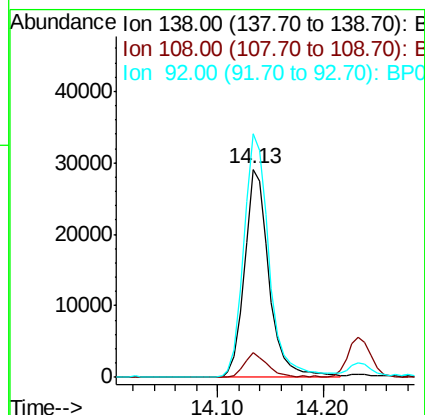
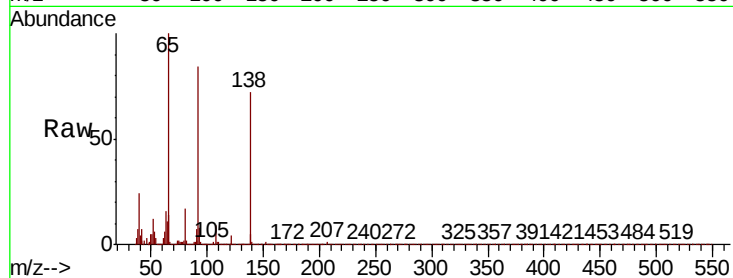




#53
3-Nitroaniline
Concen: 6.908 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

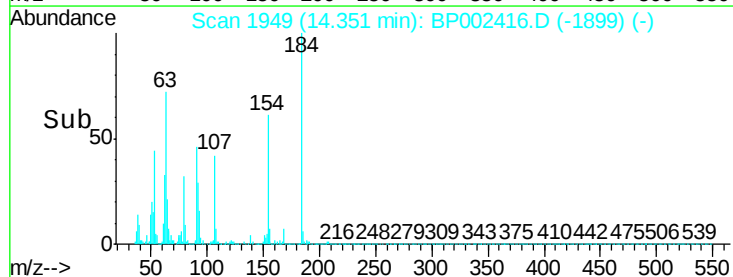
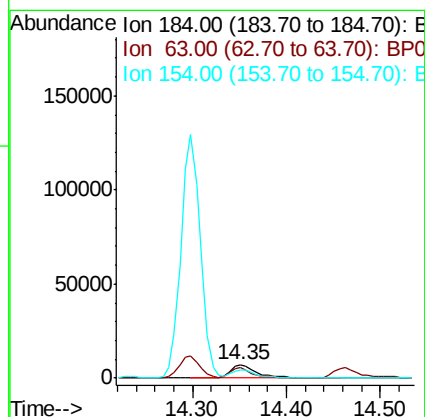
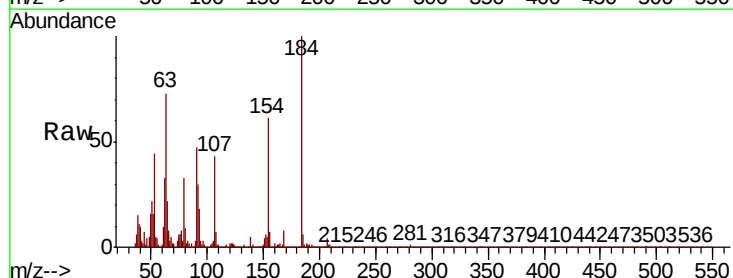
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

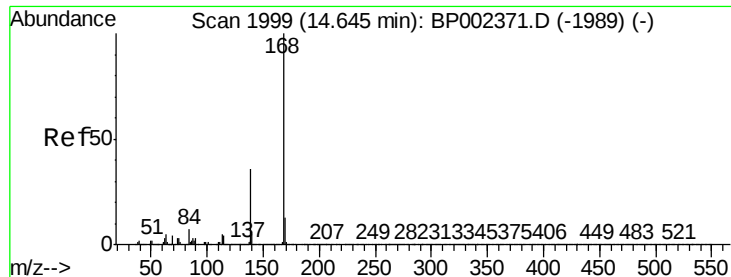
Tot Ion:138 Resp: 46592
Ion Ratio Lower Upper
138 100
108 11.9 8.0 12.0
92 117.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 4.297 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:184 Resp: 13923
Ion Ratio Lower Upper
184 100
63 73.2 52.3 78.5
154 61.4 48.6 72.8





#55

Dibenzenofuran

Concen: 9.460 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

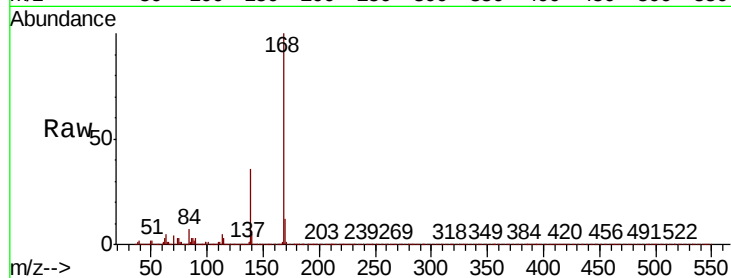
Tot Ion:168 Resp: 303065

Ion Ratio Lower Upper

168 100

139 36.2 28.9 43.3

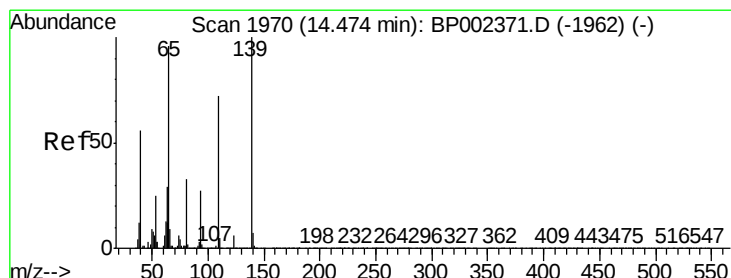
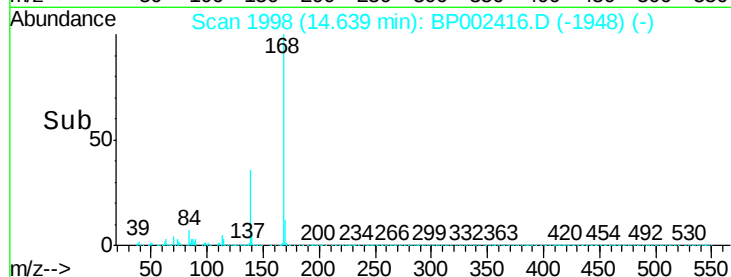
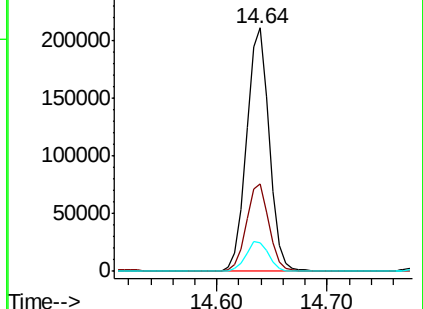
169 12.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.320 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

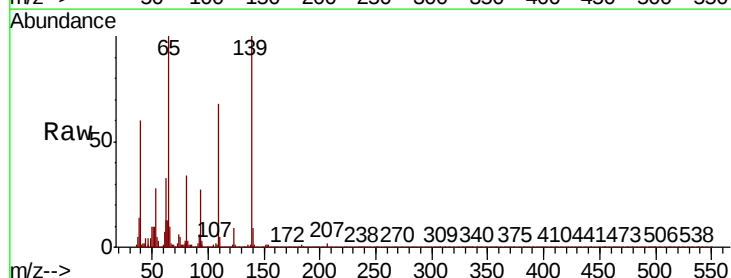
Tgt Ion:139 Resp: 33845

Ion Ratio Lower Upper

139 100

109 68.8 52.0 92.0

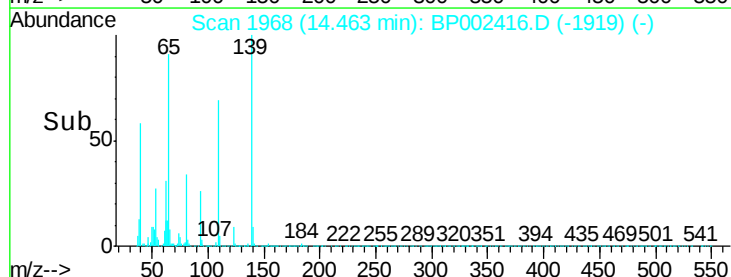
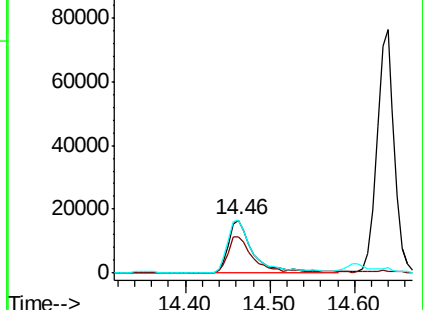
65 100.5 76.3 116.3

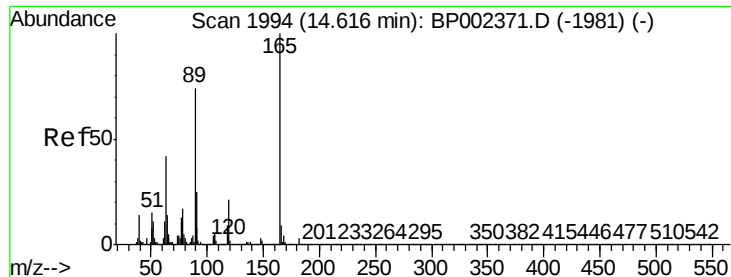


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

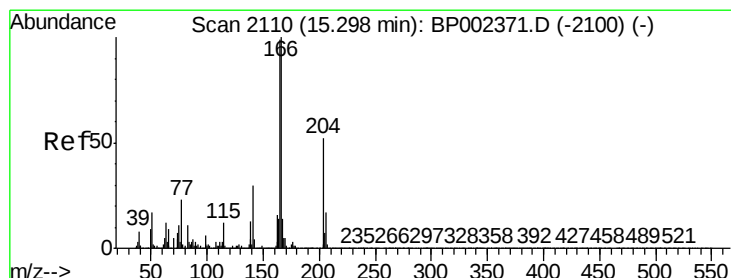
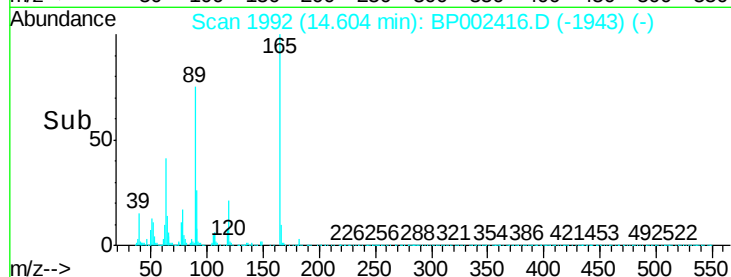
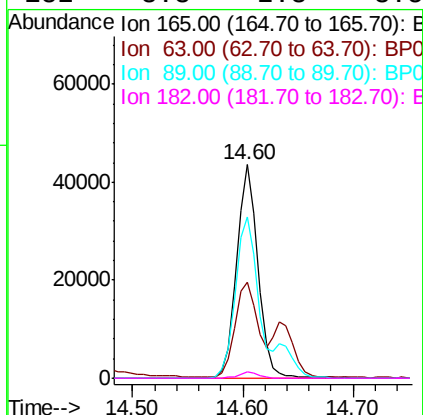
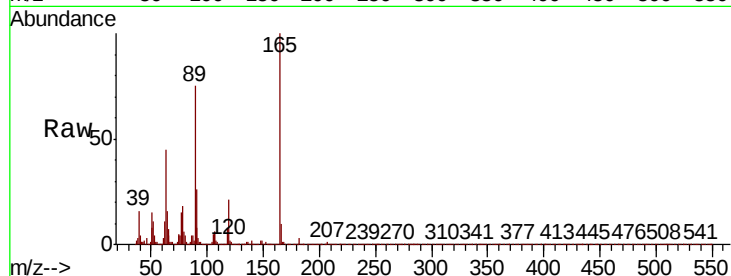




#57
2,4-Dinitrotoluene
Concen: 7.380 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

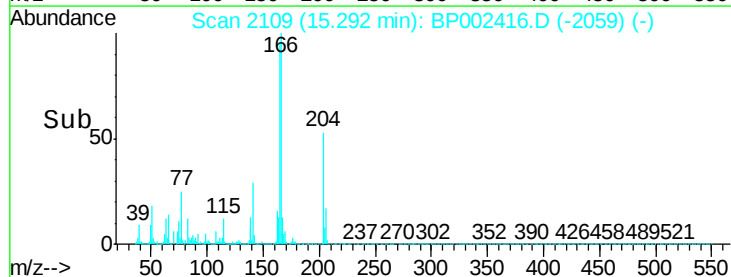
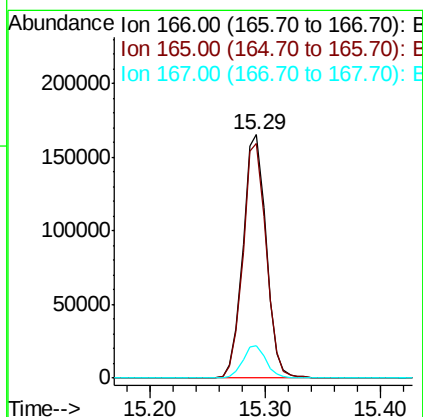
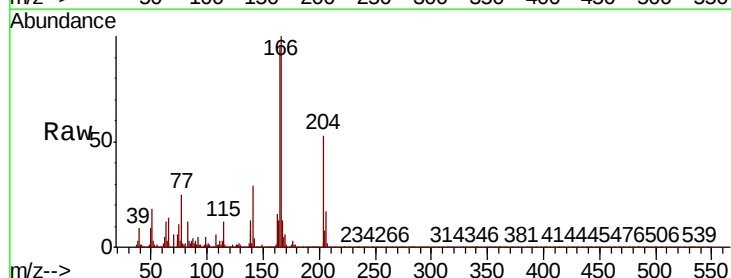
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

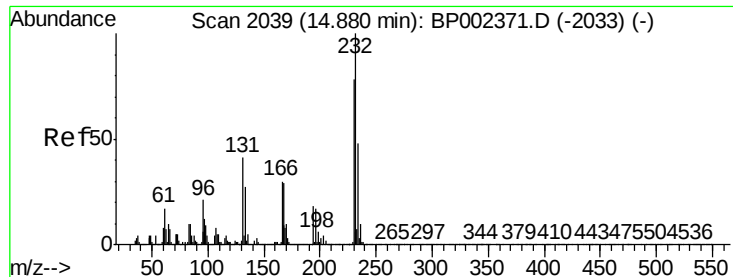
Tot Ion:165	Resp:	59337
Ion Ratio	Lower	Upper
165	100	
63	45.2	34.2 51.2
89	75.5	59.3 88.9
182	3.3	2.3 3.5



#58
Fluorene
Concen: 9.160 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:166	Resp:	230822
Ion Ratio	Lower	Upper
166	100	
165	96.4	79.1 118.7
167	13.2	11.0 16.4

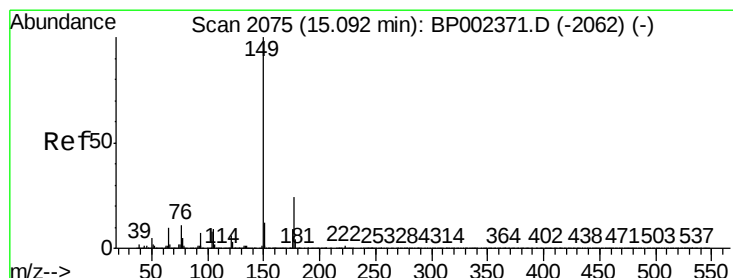
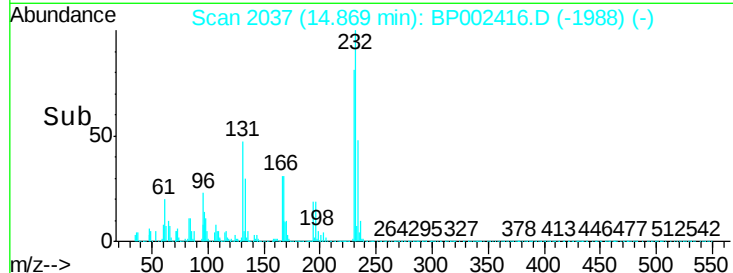
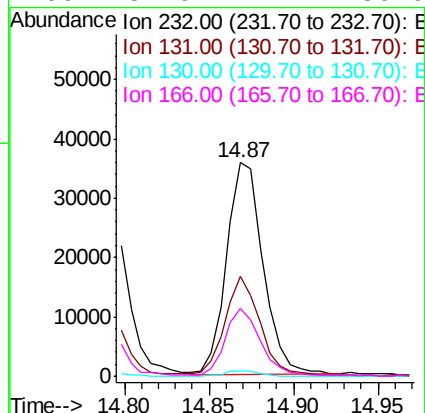
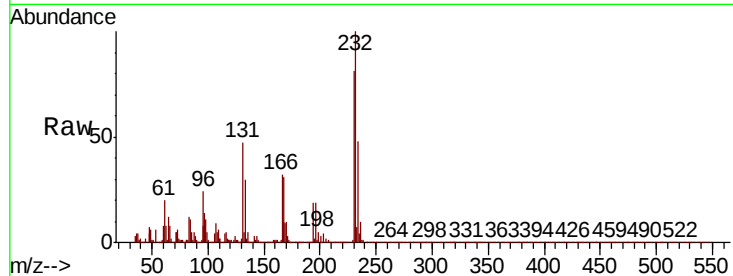




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.858 ng
RT: 14.87 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

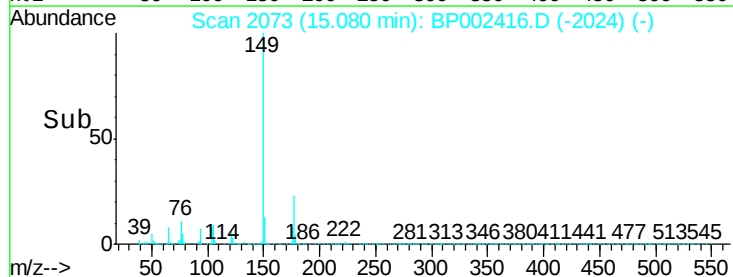
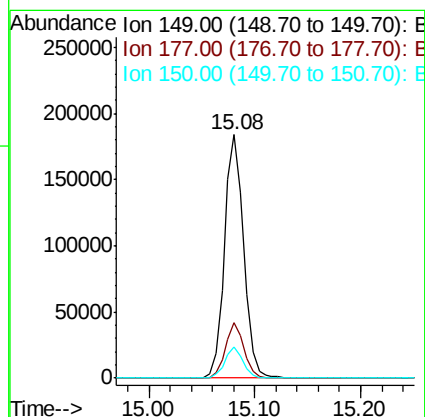
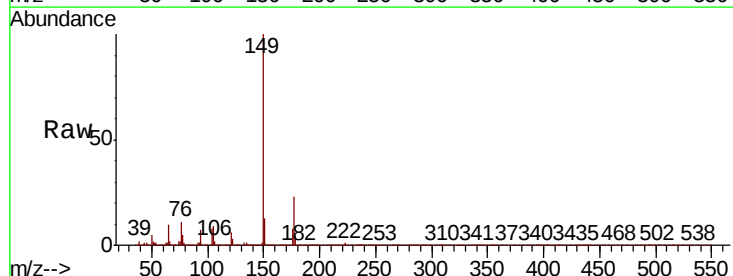
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

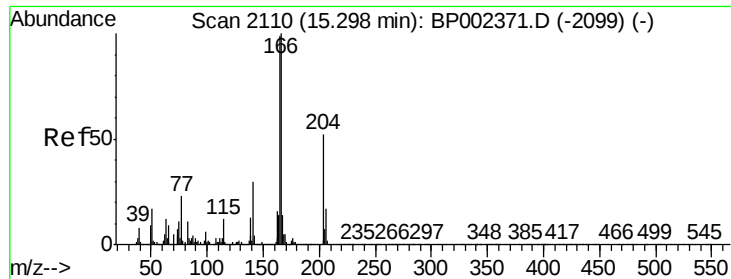
Tot Ion:	232	Resp:	53493
Ion	Ratio	Lower	Upper
232	100		
131	46.0	35.1	52.7
130	2.4	1.8	2.8
166	31.6	24.4	36.6



#60
Diethylphthalate
Concen: 8.536 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:	149	Resp:	232629
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.7	9.9	14.9

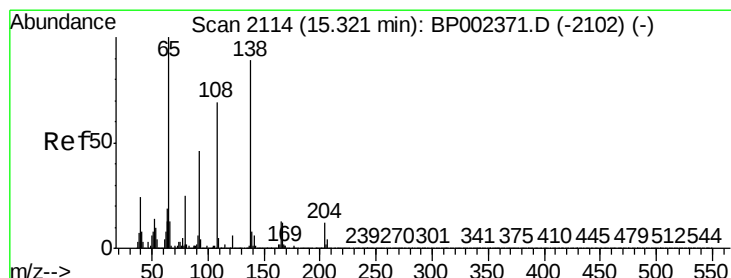
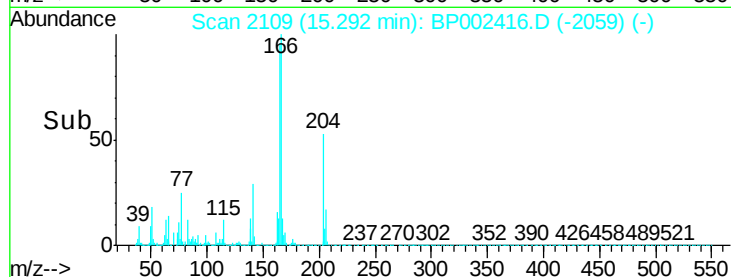
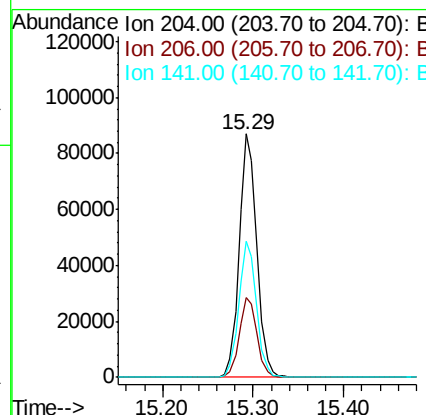
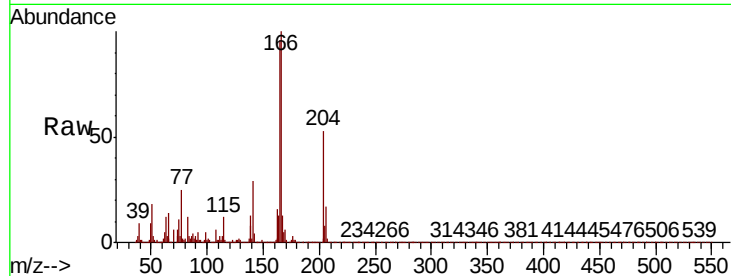




#61
4-Chlorophenyl-phenylether
Concen: 9.701 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

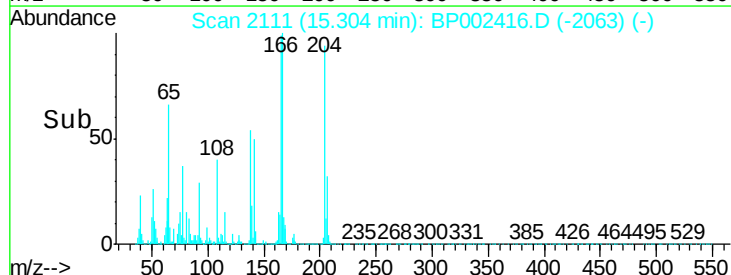
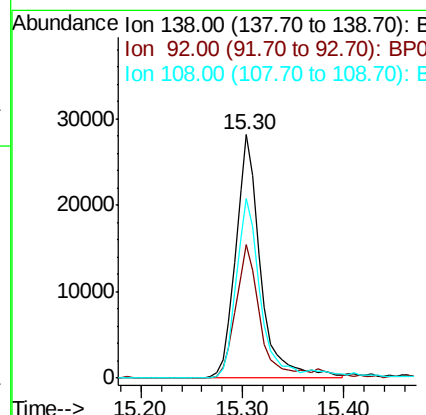
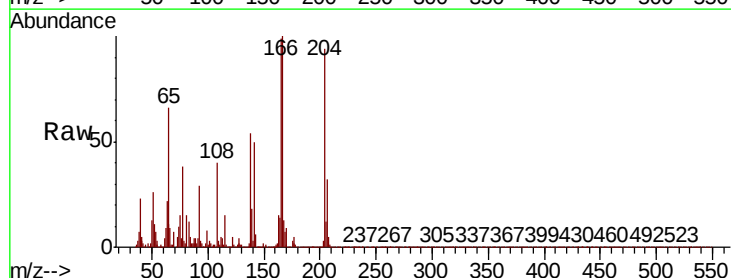
Instrument :
BNA_P
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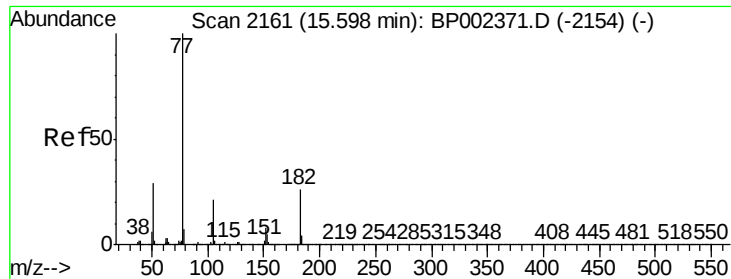
Tot Ion:204 Resp: 118494
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 55.9 46.6 69.8



#62
4-Nitroaniline
Concen: 7.368 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:138 Resp: 47749
Ion Ratio Lower Upper
138 100
92 54.6 31.7 71.7
108 73.6 57.5 97.5

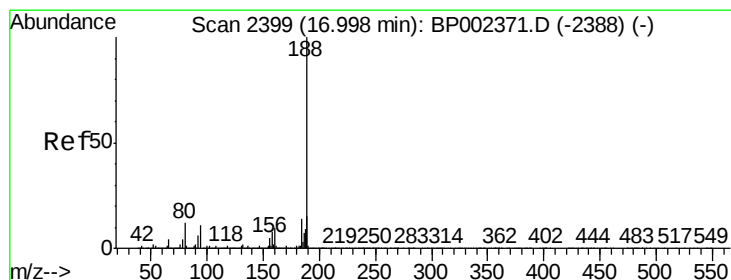
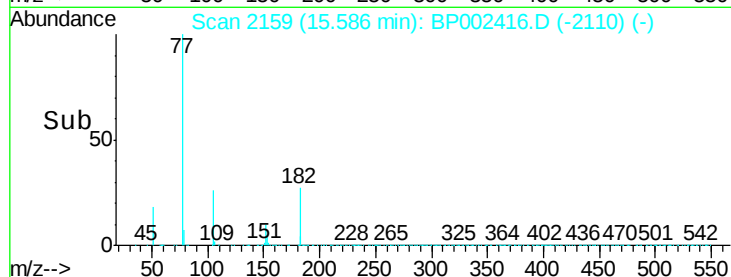
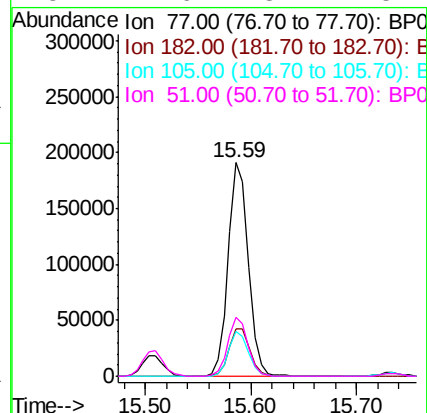
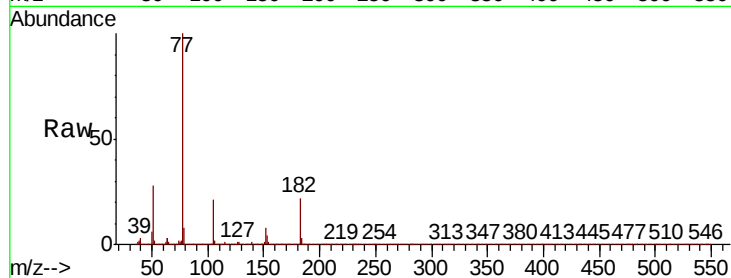




#63
Azobenzene
Concen: 9.255 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

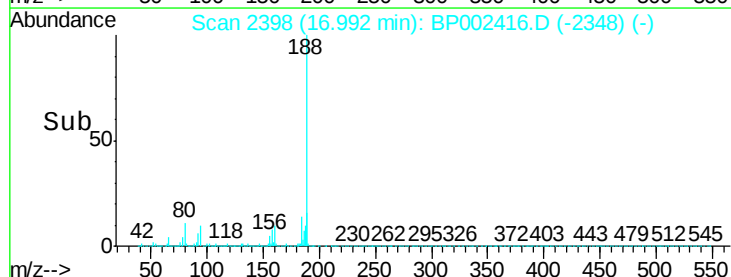
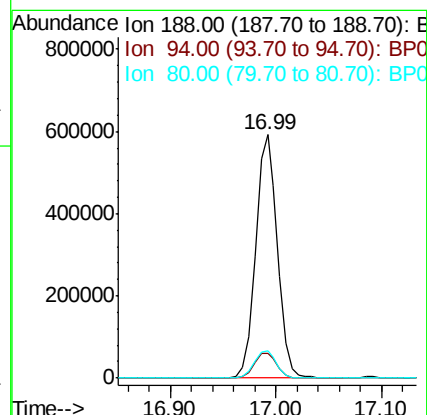
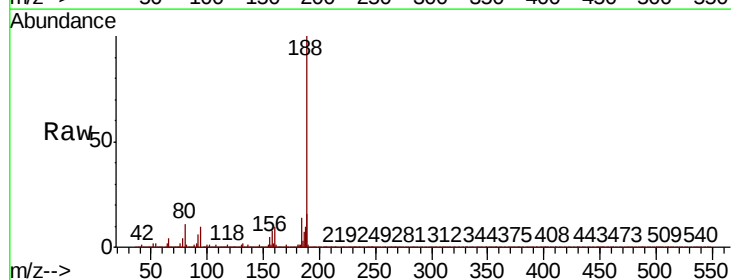
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

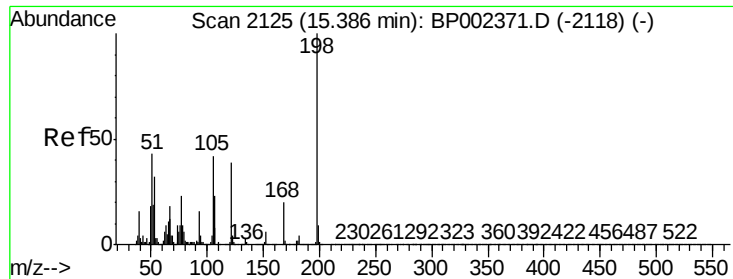
Tot Ion:	77	Resp:	251070
Ion	Ratio	Lower	Upper
77	100		
182	22.0	6.0	46.0
105	20.9	1.3	41.3
51	27.6	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:	188	Resp:	845870
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.4	14.0

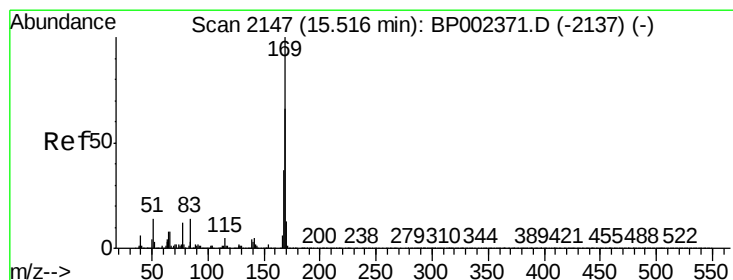
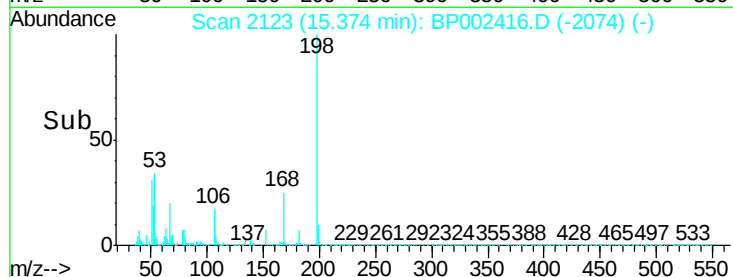
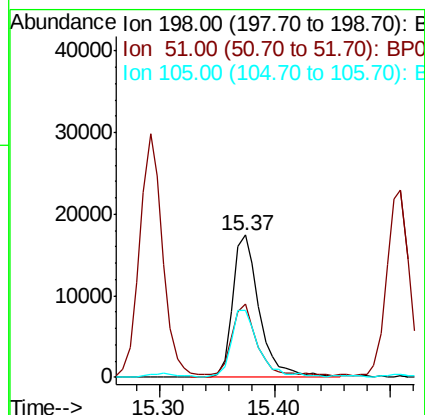
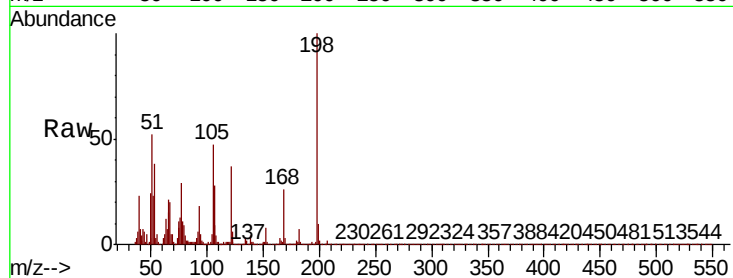




#65
4,6-Dinitro-2-methylphenol
Concen: 6.211 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

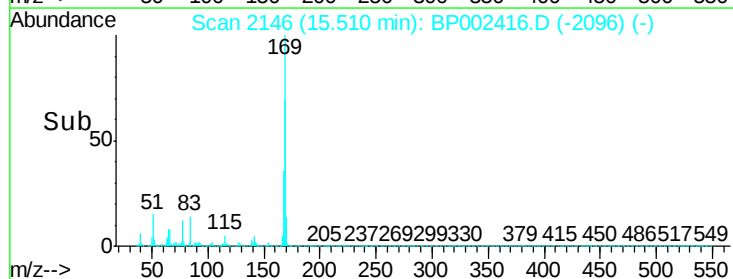
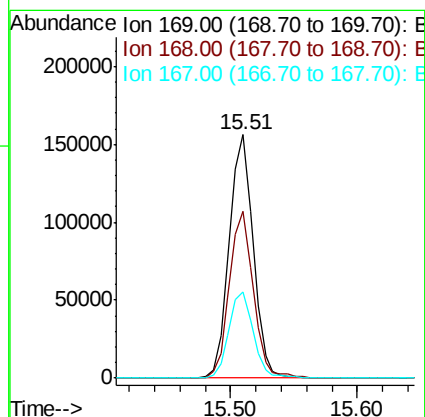
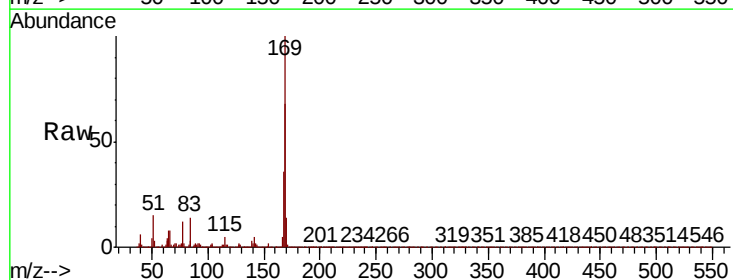
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

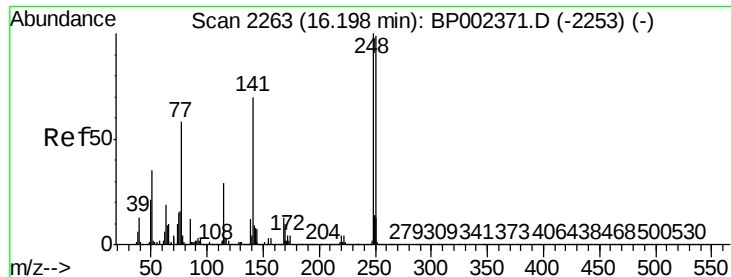
Tot Ion:198 Resp: 27723
Ion Ratio Lower Upper
198 100
51 51.5 23.4 63.4
105 46.8 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 9.425 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:169 Resp: 203656
Ion Ratio Lower Upper
169 100
168 68.5 52.8 79.2
167 35.6 29.4 44.0

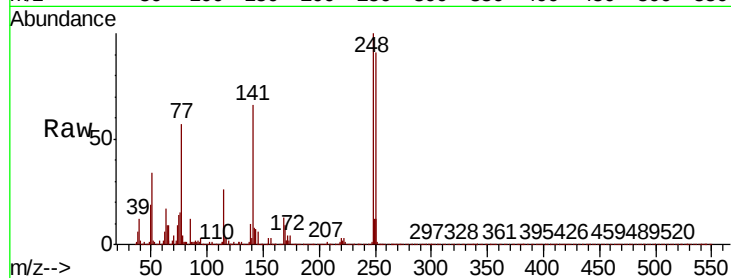




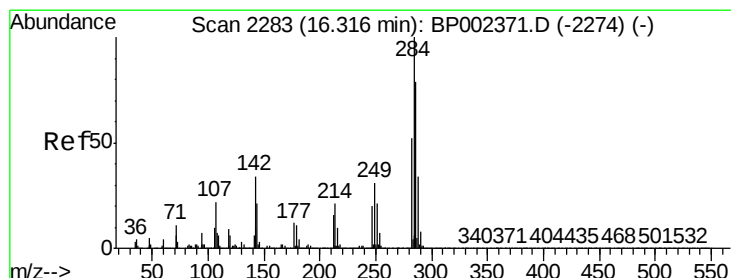
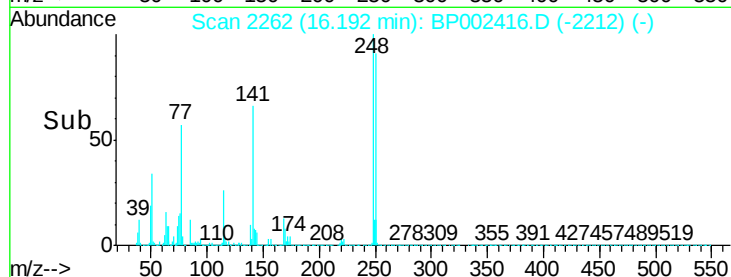
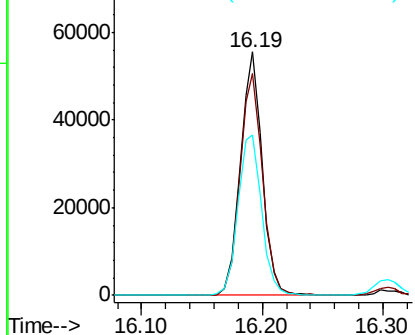
#67
4-Bromophenyl-phenylether
Concen: 8.717 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:248 Resp: 69849
Ion Ratio Lower Upper
248 100
250 91.0 79.3 118.9
141 66.0 55.7 83.5

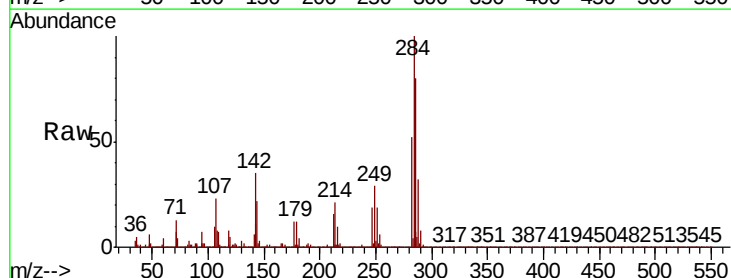


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

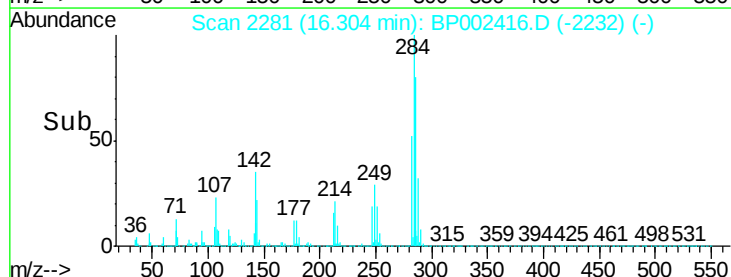
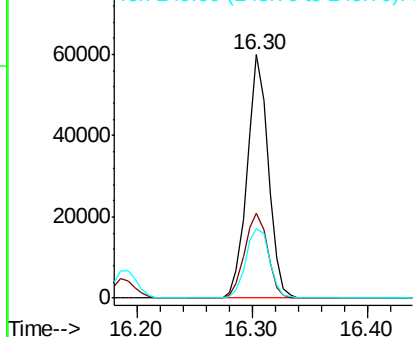


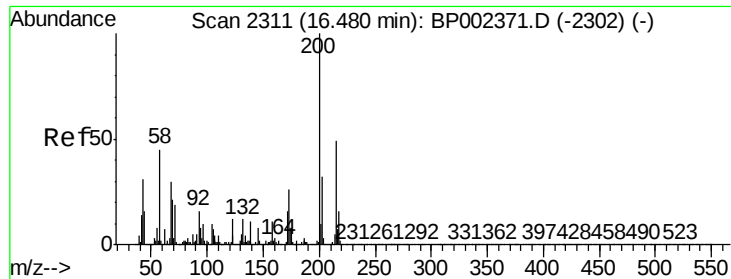
#68
Hexachlorobenzene
Concen: 8.976 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:284 Resp: 76319
Ion Ratio Lower Upper
284 100
142 35.0 27.4 41.0
249 28.8 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 10.093 ng

RT: 16.47 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

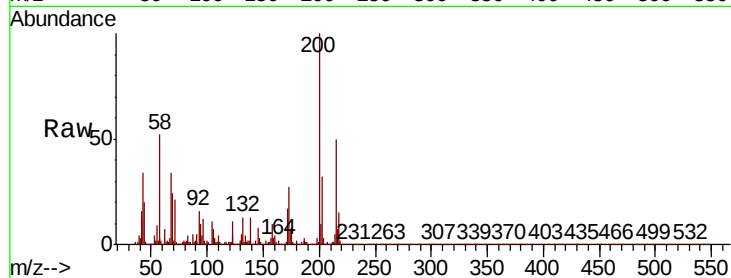
Tot Ion:200 Resp: 71148

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

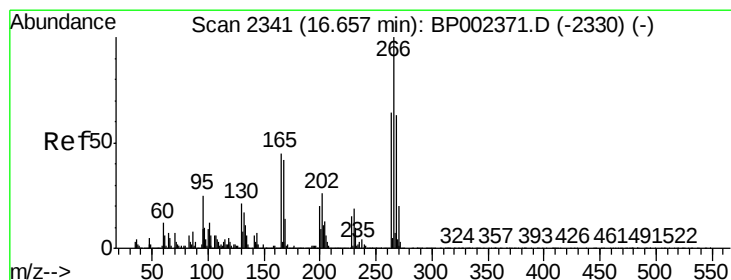
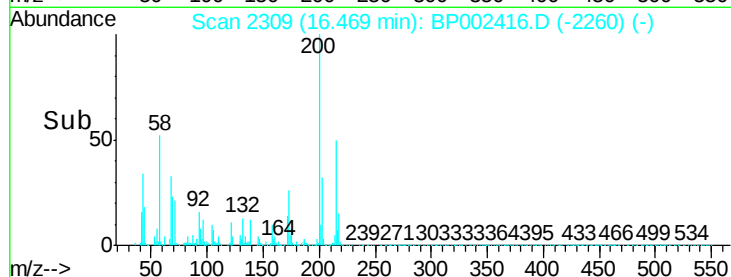
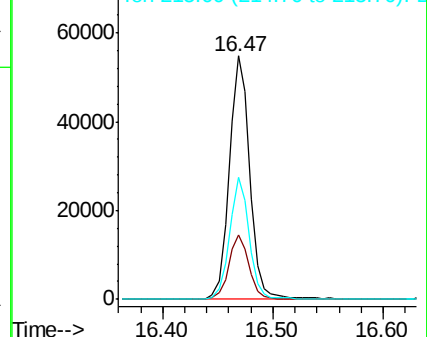
215 49.9 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.230 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

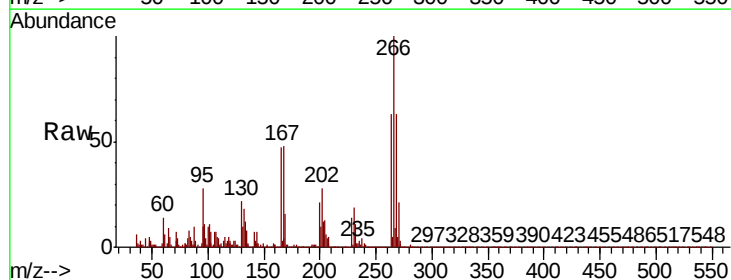
Tgt Ion:266 Resp: 31694

Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

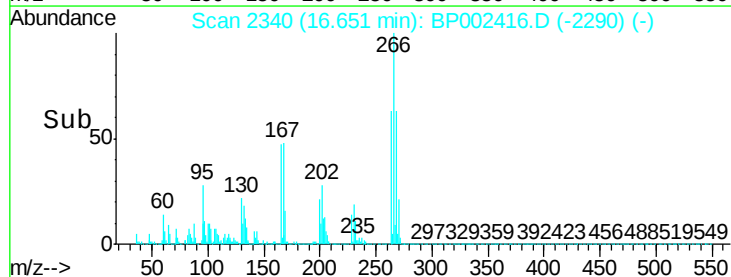
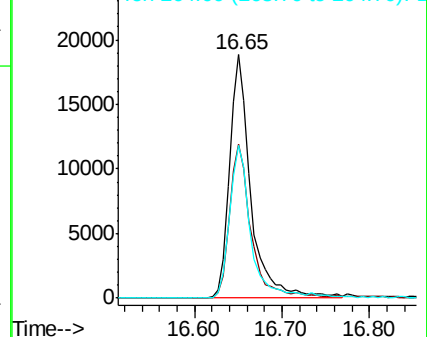
264 62.8 51.4 77.0

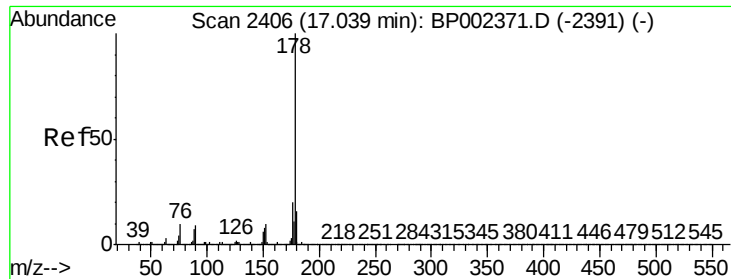


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

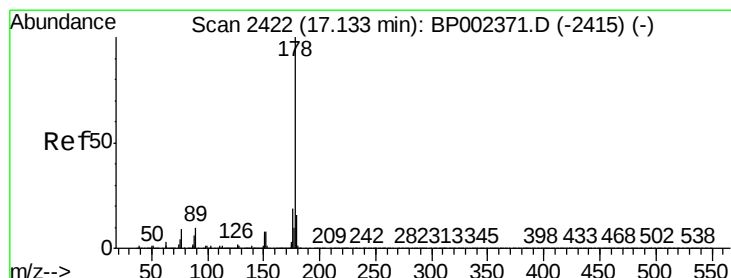
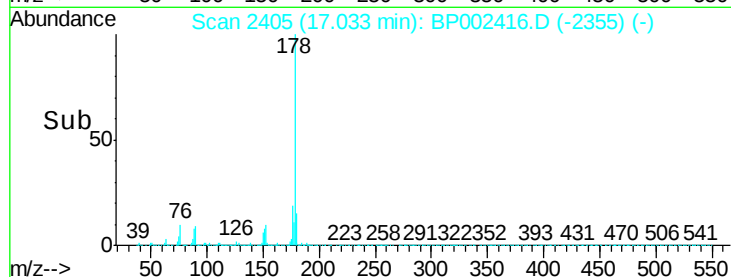
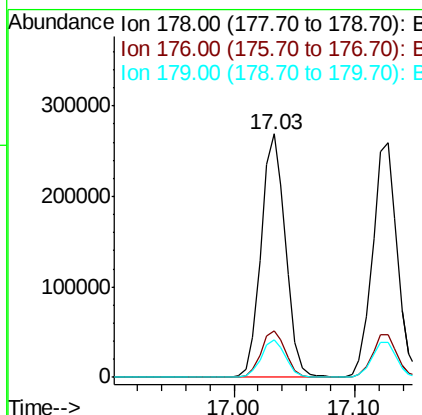
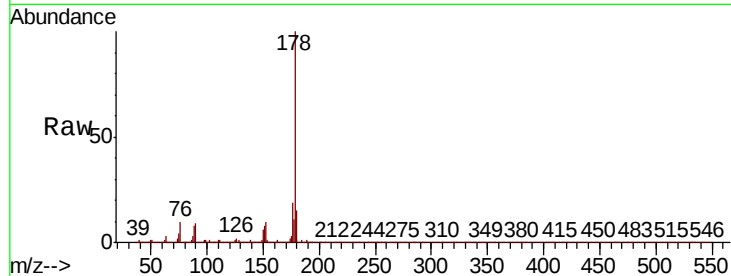




#71
Phenanthrene
Concen: 9.580 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

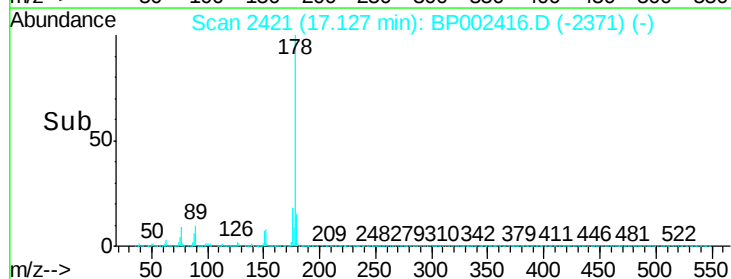
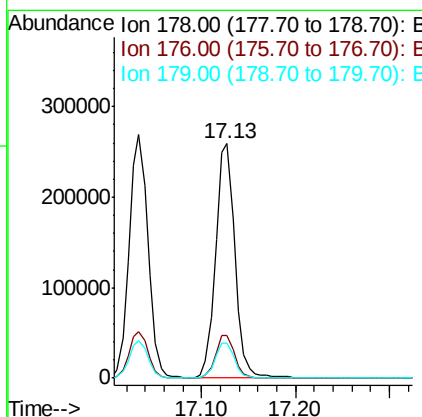
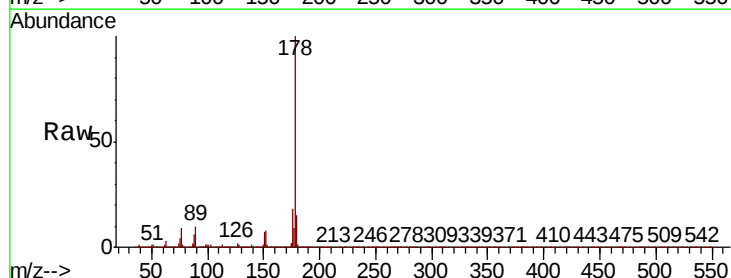
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

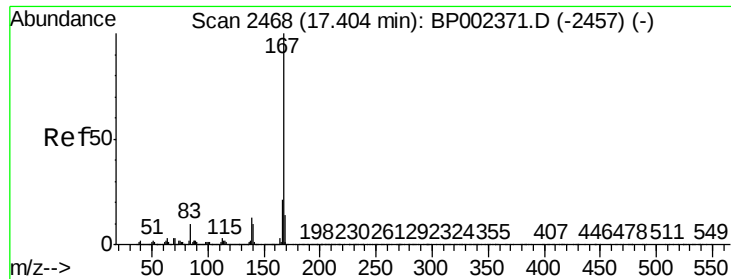
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.3	12.5	18.7



#72
Anthracene
Concen: 9.461 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.7	13.0	19.4

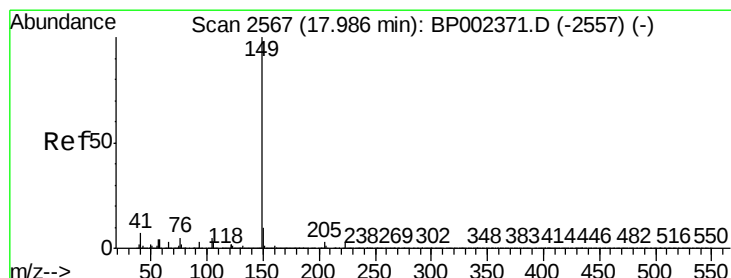
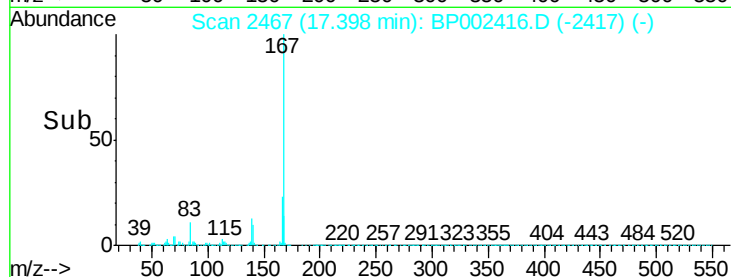
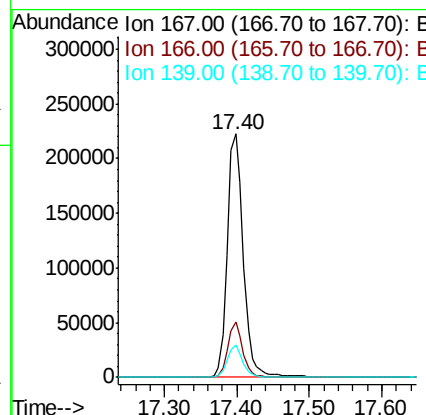
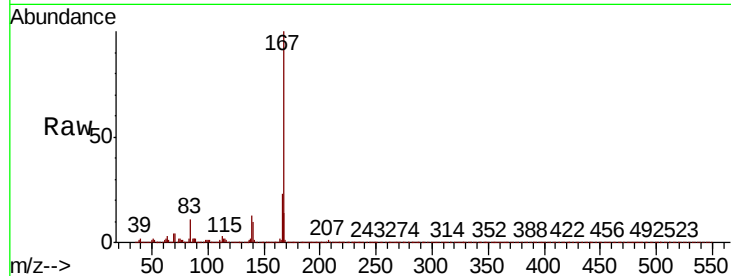




#73
 Carbazole
 Concen: 8.849 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

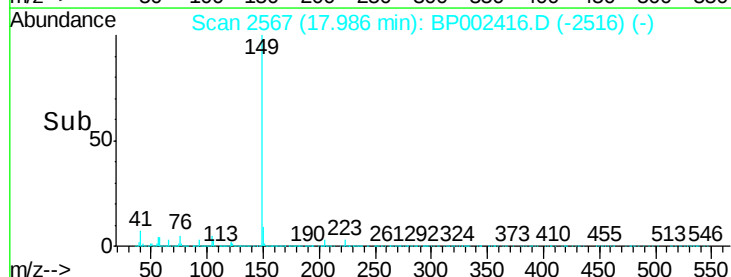
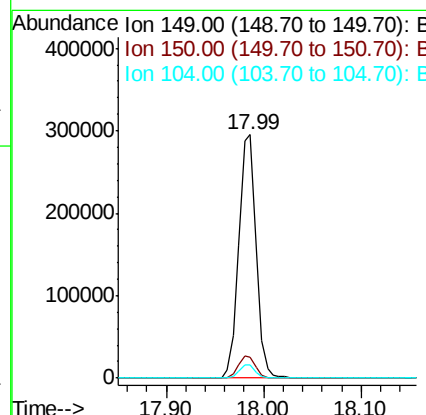
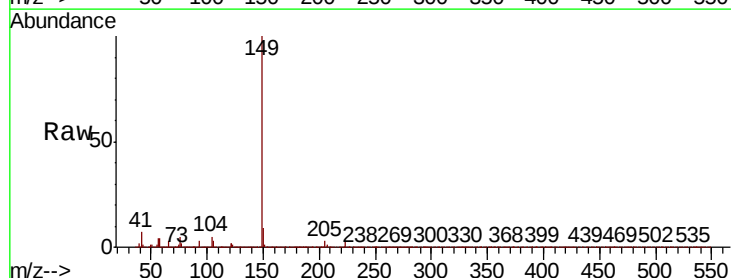
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2020

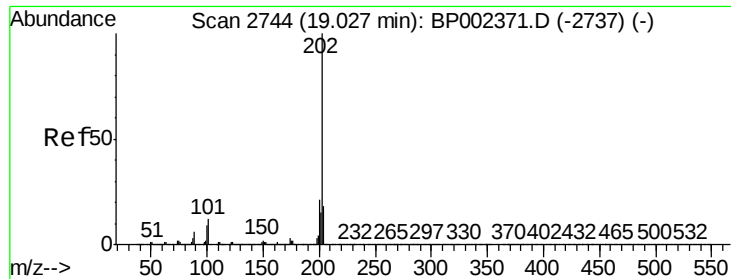
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	13.1	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 7.939 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 9.289 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

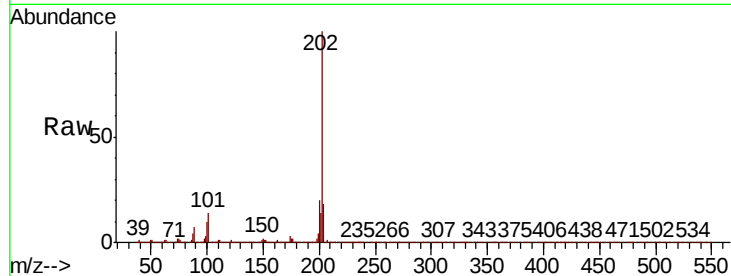
Tot Ion:202 Resp: 438734

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.8

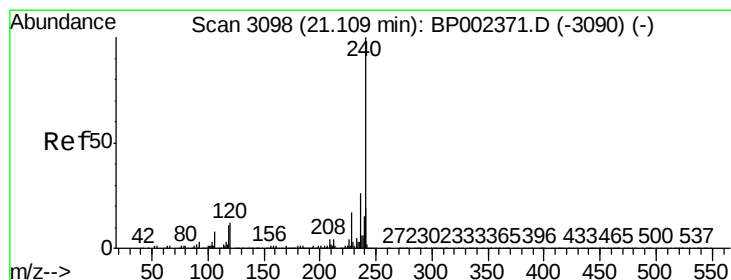
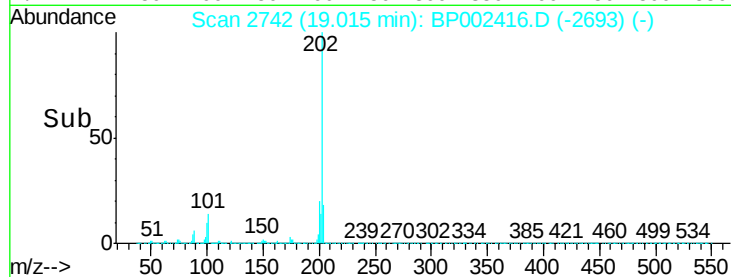
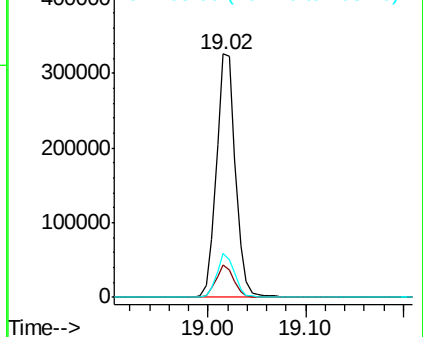
203 17.9 0.0 38.0



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: BP002416.D

Acq: 16 Jun 2020 15:36

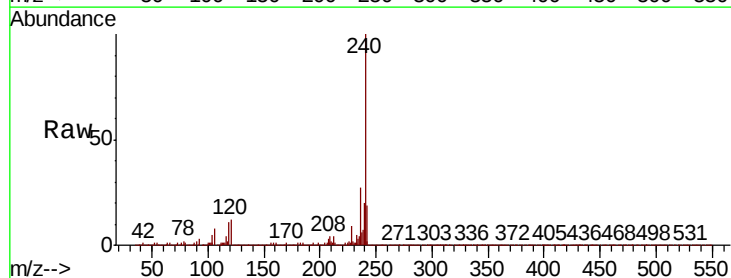
Tgt Ion:240 Resp: 817521

Ion Ratio Lower Upper

240 100

120 11.7 9.3 13.9

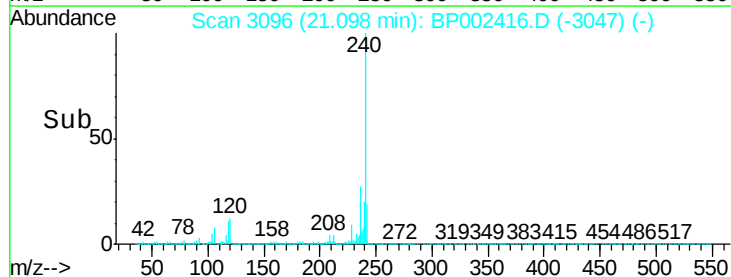
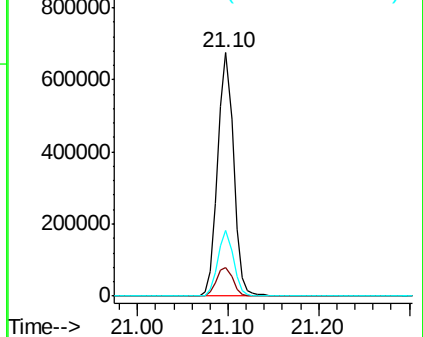
236 27.0 21.0 31.6

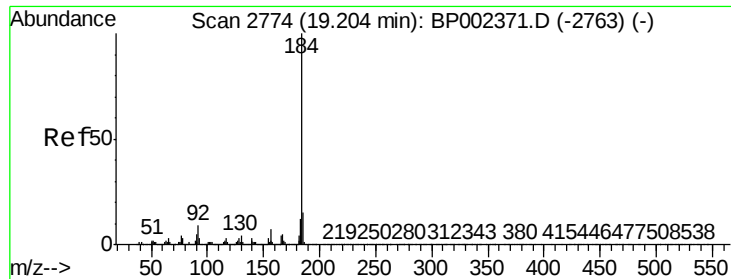


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

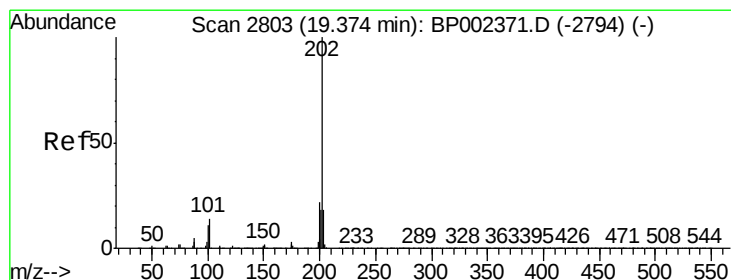
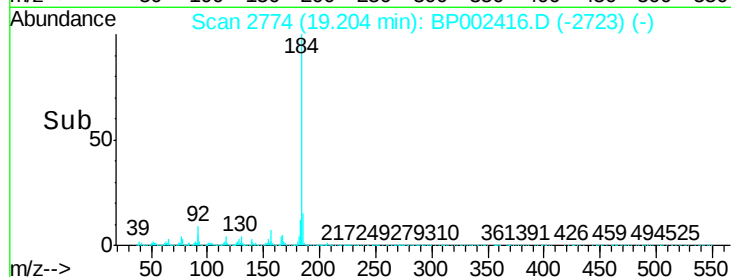
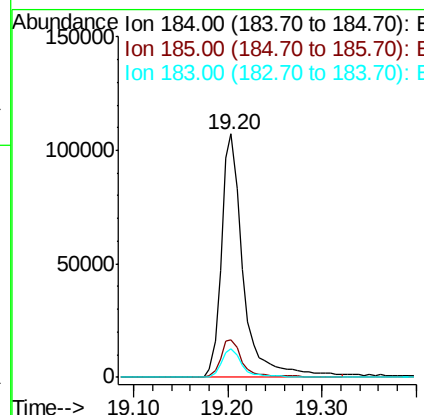
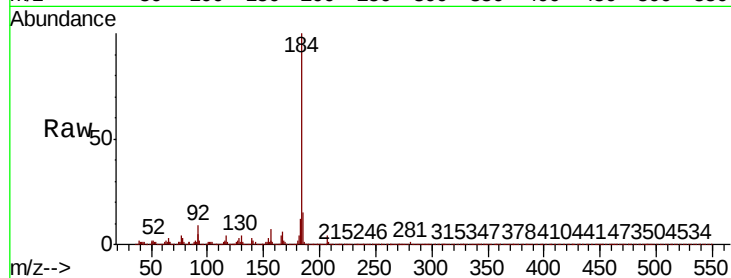




#77
Benzidine
Concen: 9.580 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

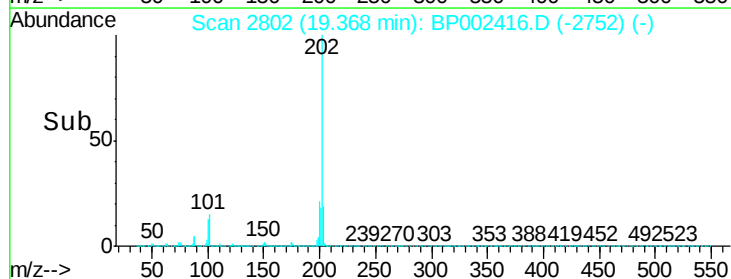
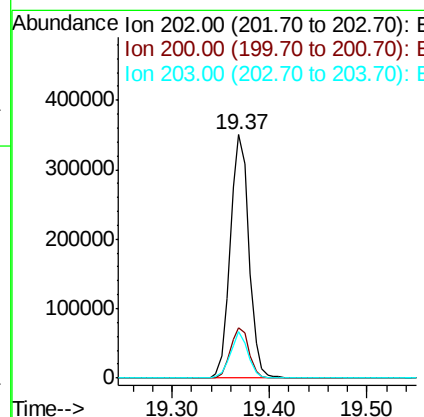
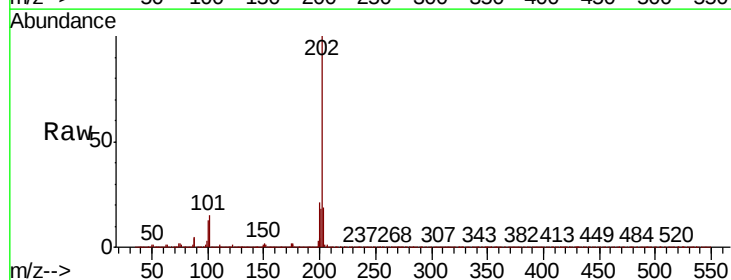
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

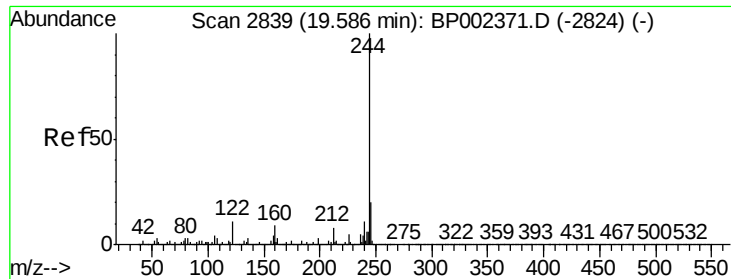
Tot Ion:184 Resp: 175006
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 11.9 9.2 13.8



#78
Pyrene
Concen: 9.262 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:202 Resp: 463810
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.8 14.6 22.0





#79

Terphenyl-d14

Concen: 118.928 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

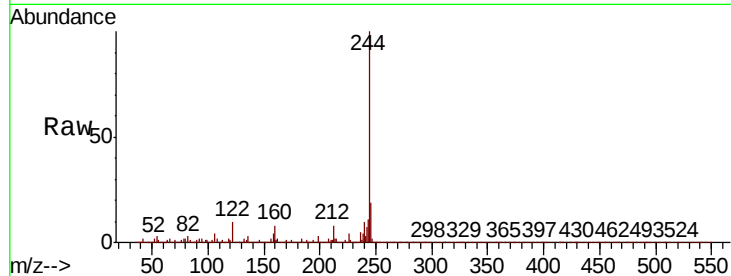
Tot Ion:244 Resp: 3710642

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

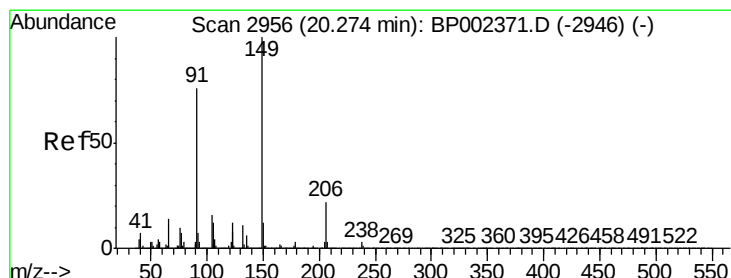
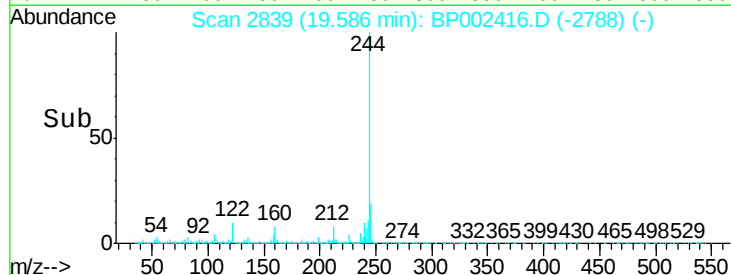
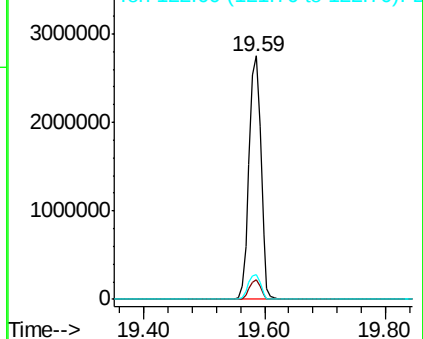
122 9.9 8.8 13.2



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: 6.664 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

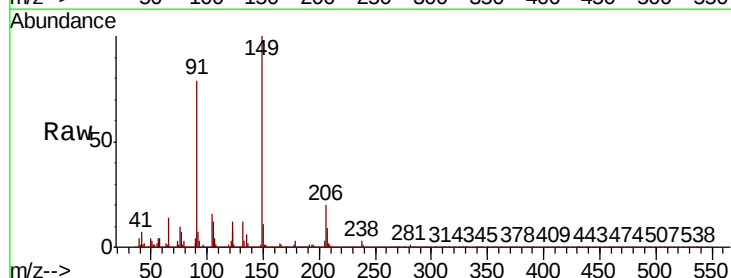
Tgt Ion:149 Resp: 148339

Ion Ratio Lower Upper

149 100

91 78.9 61.2 91.8

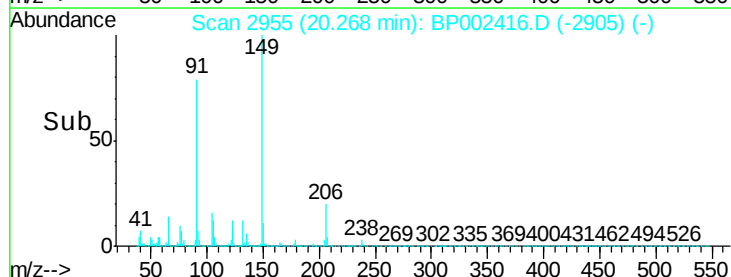
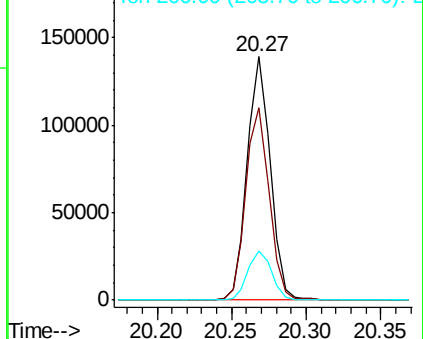
206 19.9 17.8 26.6

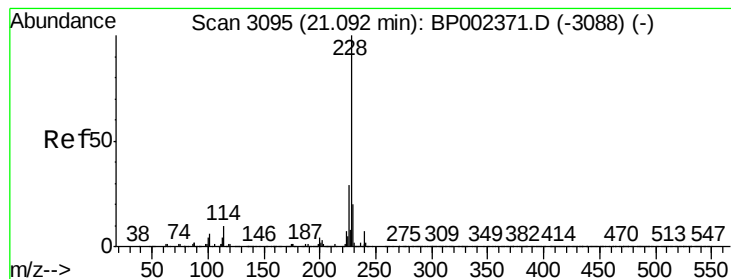


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.564 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

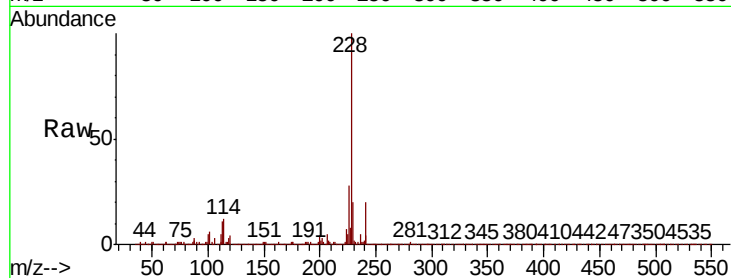
Tot Ion:228 Resp: 446296

Ion Ratio Lower Upper

228 100

226 27.7 22.8 34.2

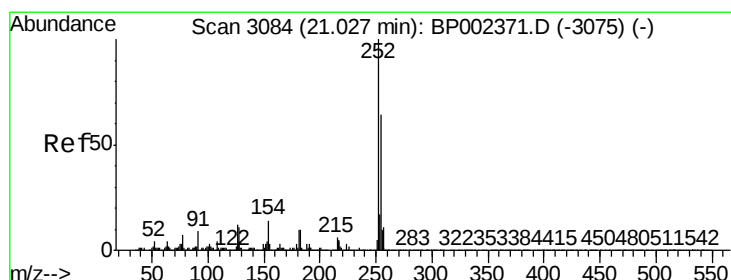
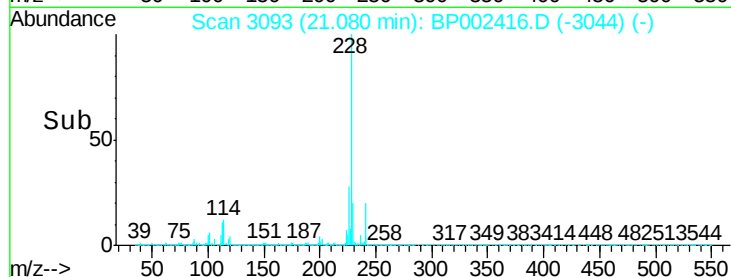
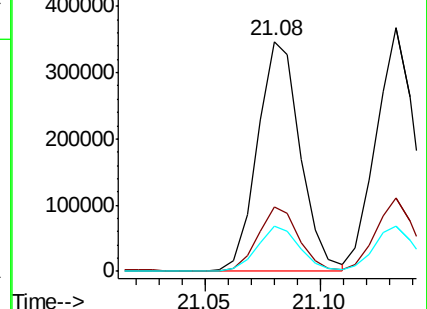
229 19.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.897 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

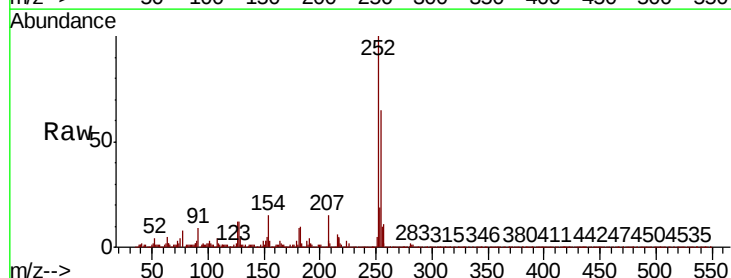
Tgt Ion:252 Resp: 154300

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

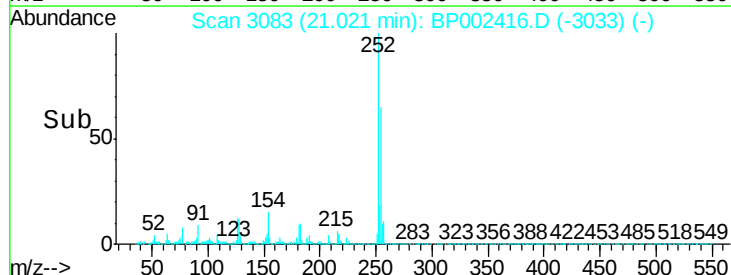
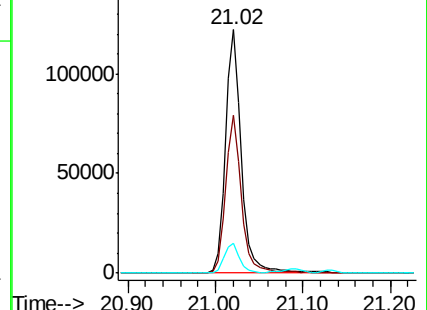
126 12.2 9.2 13.8

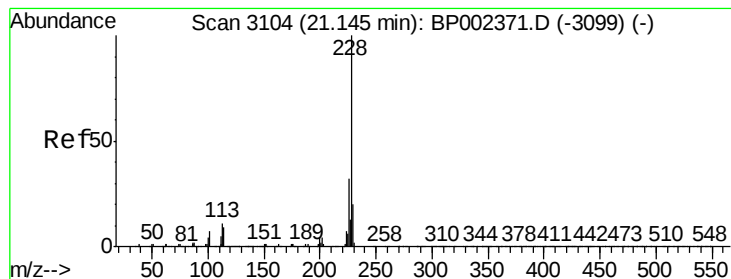


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 9.862 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2020

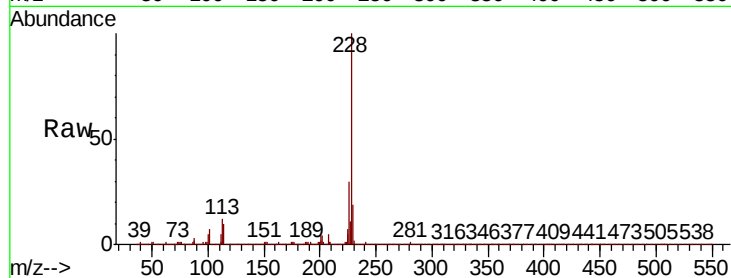
Tot Ion:228 Resp: 436015

Ion Ratio Lower Upper

228 100

226 30.0 25.2 37.8

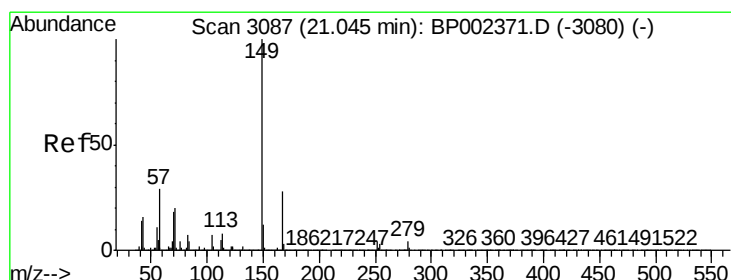
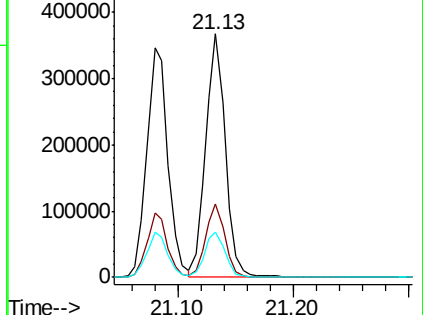
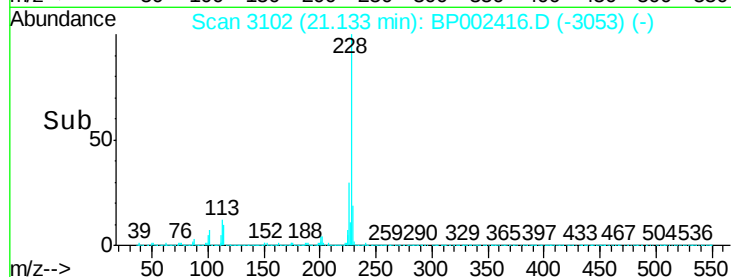
229 18.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.798 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002416.D

Acq: 16 Jun 2020 15:36

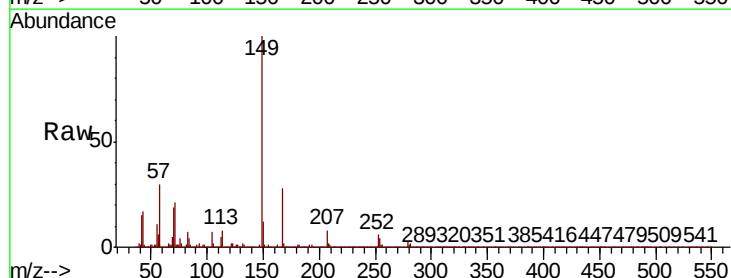
Tgt Ion:149 Resp: 252487

Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

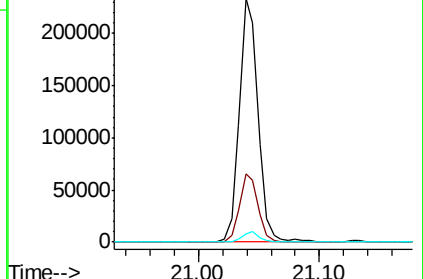
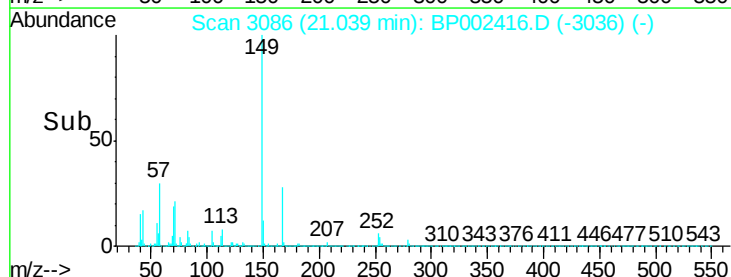
279 3.5 3.2 4.8

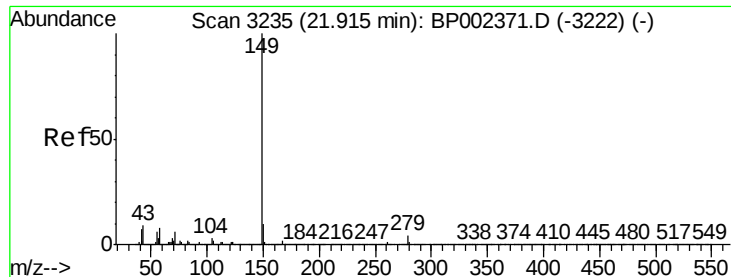


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

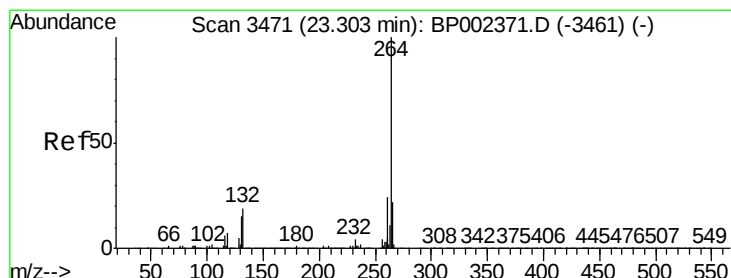
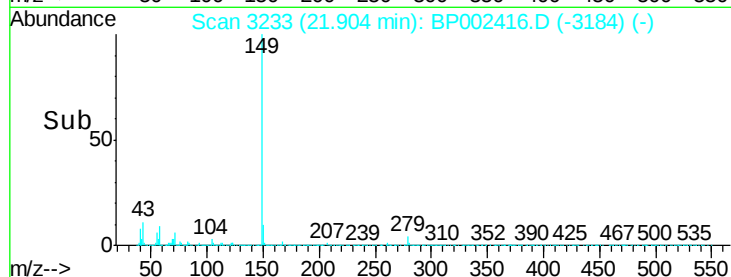
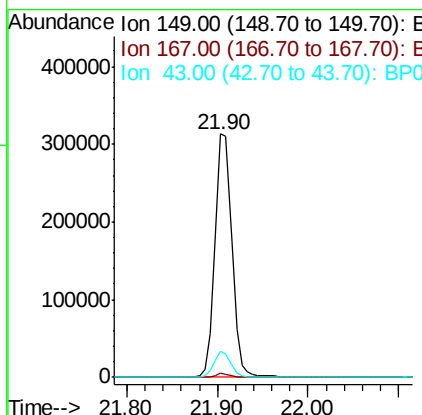
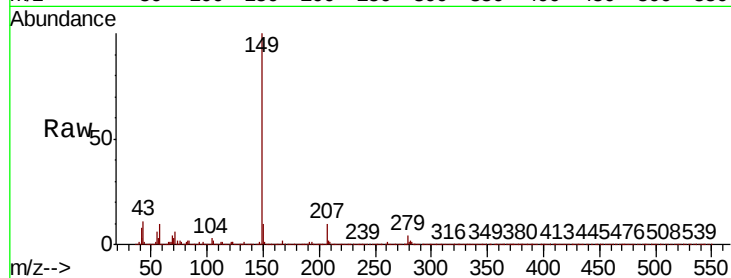




#85
Di-n-octyl phthalate
Concen: 7.118 ng
RT: 21.90 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

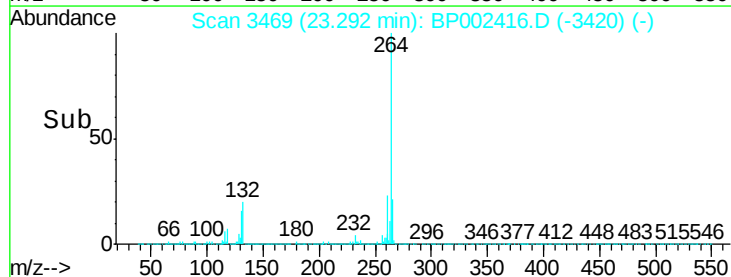
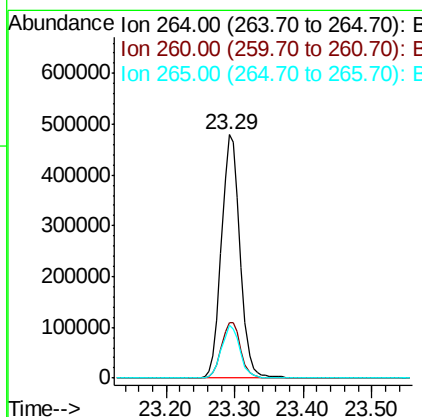
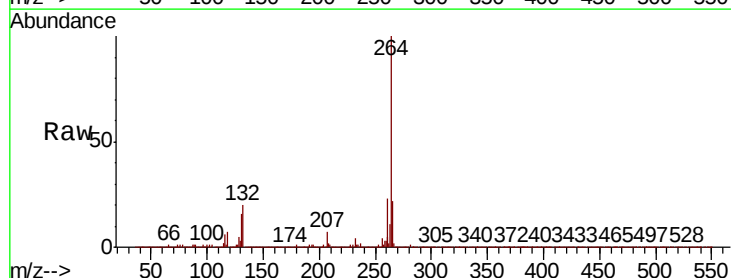
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	7.8	11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.5	17.4	26.2

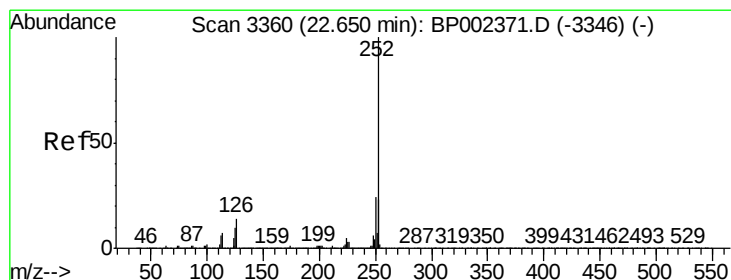
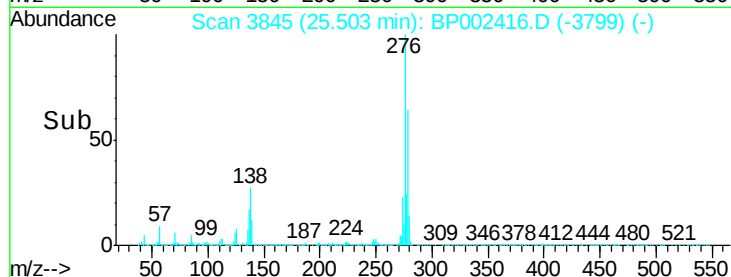
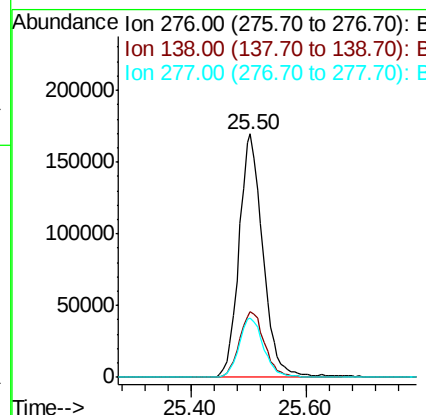
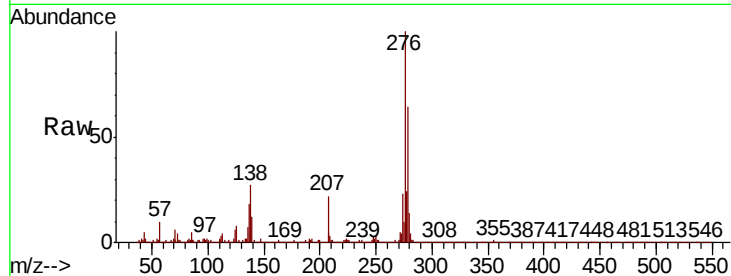




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.576 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.03 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

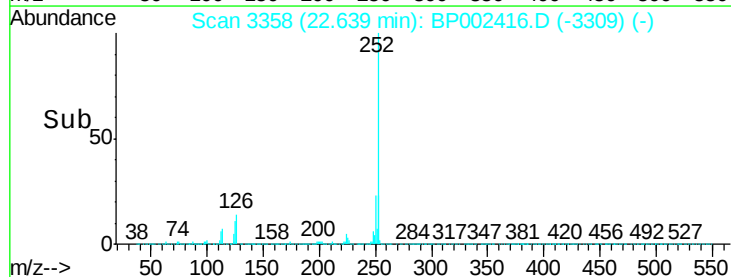
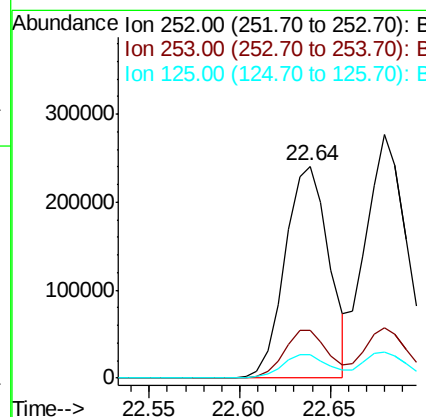
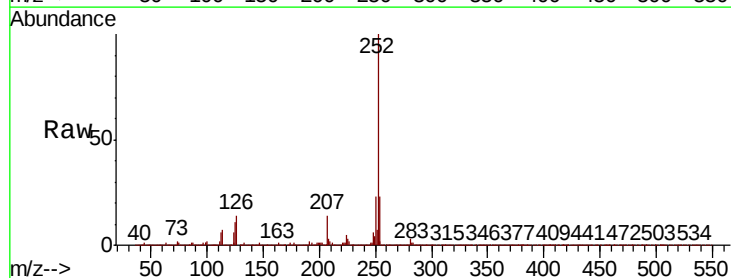
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2020

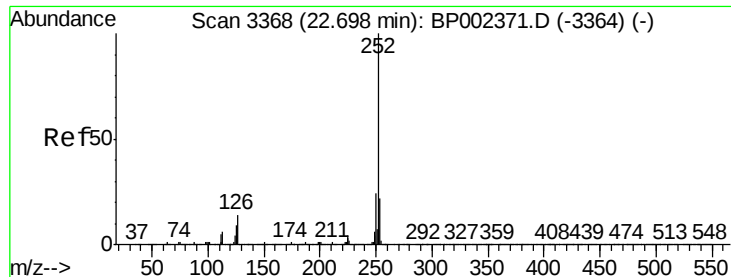
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.2	31.8
277	25.1	20.3	30.5



#88
 Benzo(b)fluoranthene
 Concen: 8.398 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002416.D
 Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.3	8.2	12.2

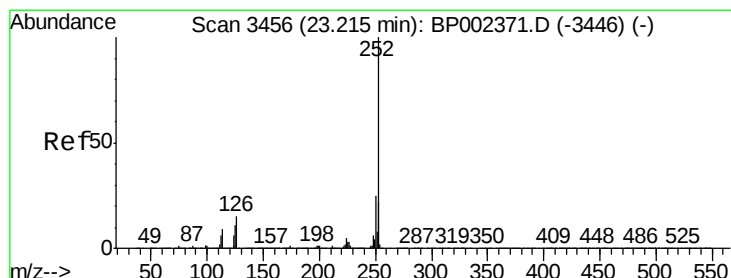
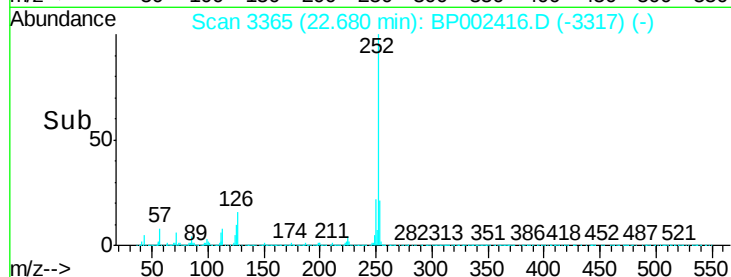
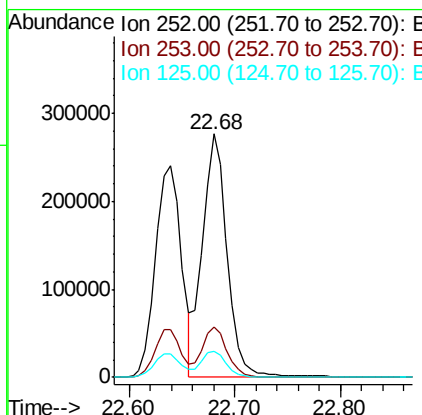
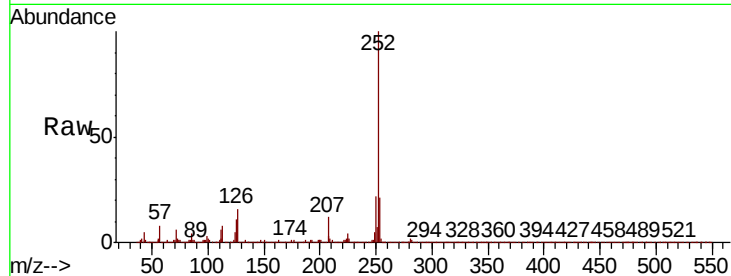




#89
Benzo(k)fluoranthene
Concen: 9.659 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

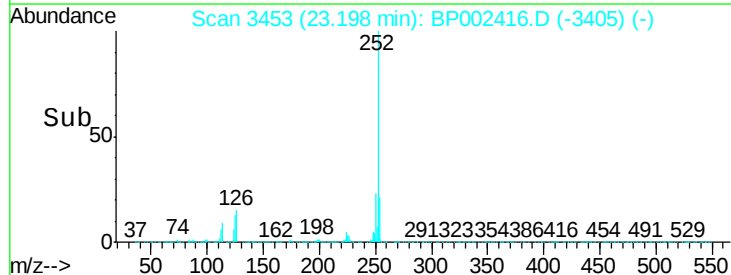
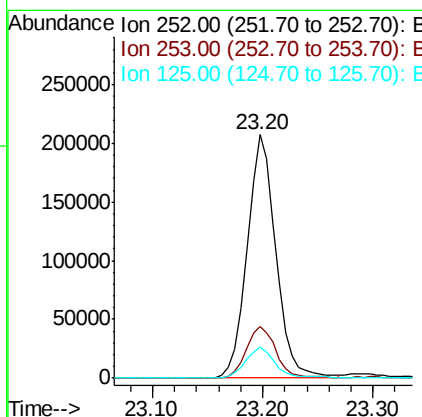
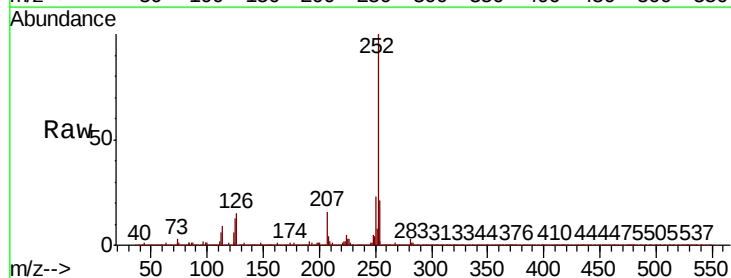
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

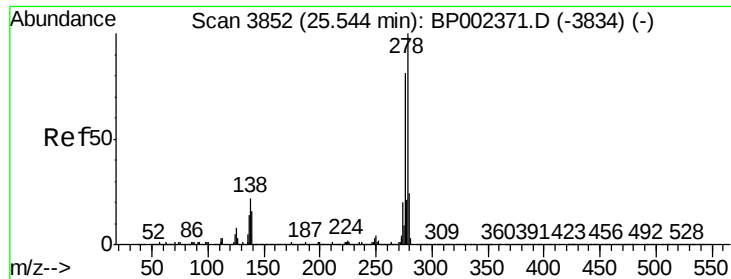
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.6
125	10.6	7.8	11.8



#90
Benzo(a)pyrene
Concen: 8.289 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	12.6	9.2	13.8

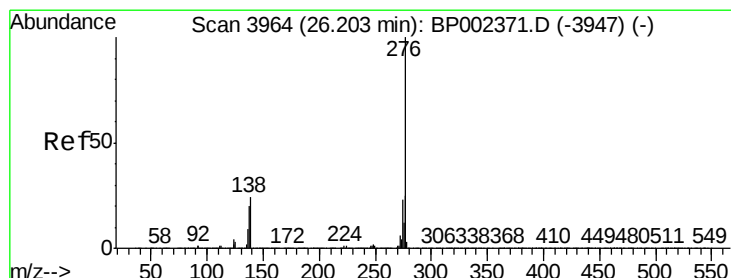
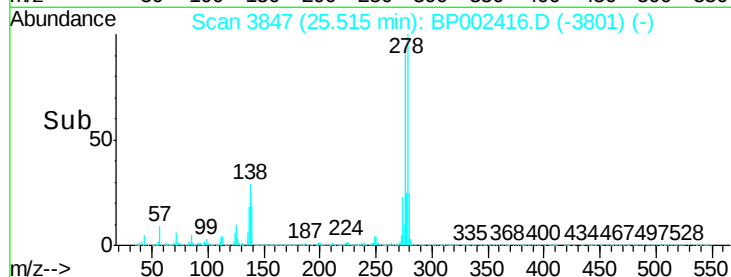
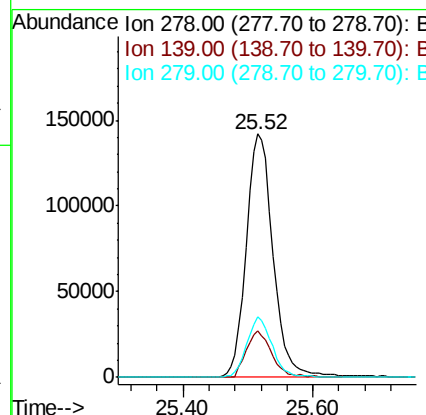
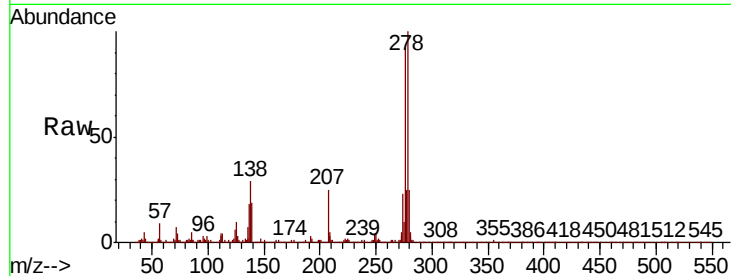




#91
Dibenzo(a,h)anthracene
Concen: 8.925 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.03 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:278 Resp: 404242
Ion Ratio Lower Upper
278 100
139 19.2 13.1 19.7
279 24.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 8.690 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BP002416.D
Acq: 16 Jun 2020 15:36

Tgt Ion:276 Resp: 407663
Ion Ratio Lower Upper
276 100
277 22.5 19.8 29.6
138 23.2 19.2 28.8

