

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002645.D
 Acq On : 06 Jul 2020 15:28
 Operator : CG/JU
 Sample : L2182-07
 Misc : LOD-MDL-WATER-01-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Quant Time: Jul 06 16:00:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	228104	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	828001	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	498547	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1049786	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1140136	20.00	ng	0.00
86) Perylene-d12	23.29	264	1237727	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1477601	109.68	ng	0.00
7) Phenol-d6	6.76	99	1894698	100.76	ng	0.00
23) Nitrobenzene-d5	8.72	82	1672378	104.07	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	768892	126.80	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3545453	104.67	ng	0.00
79) Terphenyl-d14	19.58	244	4576971	86.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	22238	3.851	ng	99
3) Pyridine	3.53	79	49936	2.918	ng	95
4) n-Nitrosodimethylamine	3.45	42	22843	3.144	ng	# 97
6) Aniline	6.90	93	85180	3.606	ng	99
8) 2-Chlorophenol	7.15	128	56432	3.771	ng	96
9) Benzaldehyde	6.72	77	49820	4.000	ng	95
10) Phenol	6.79	94	70442	3.715	ng	97
11) bis(2-Chloroethyl)ether	7.00	93	54990	3.533	ng	99
12) 1,3-Dichlorobenzene	7.46	146	64981	3.763	ng	99
13) 1,4-Dichlorobenzene	7.60	146	65506	3.723	ng	99
14) 1,2-Dichlorobenzene	7.92	146	62473	3.689	ng	99
15) Benzyl Alcohol	7.82	79	40154	2.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	75394	3.477	ng	98
17) 2-Methylphenol	8.03	107	44401	3.128	ng	96
18) Hexachloroethane	8.64	117	22510	3.545	ng	97
19) n-Nitroso-di-n-propylamine	8.38	70	38801	3.145	ng	98
20) 3+4-Methylphenols	8.36	107	57876	3.024	ng	98
22) Acetophenone	8.39	105	83312	3.975	ng	# 97
24) Nitrobenzene	8.76	77	60701	3.569	ng	98
25) Isophorone	9.28	82	104126	3.233	ng	99
26) 2-Nitrophenol	9.48	139	24430	3.149	ng	95
27) 2,4-Dimethylphenol	9.55	122	45181	3.844	ng	93
28) bis(2-Chloroethoxy)methane	9.78	93	67516	3.649	ng	99
29) 2,4-Dichlorophenol	10.02	162	46142	3.406	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	60230	3.949	ng	96
31) Naphthalene	10.39	128	165486	3.775	ng	99
32) Benzoic acid	9.67	122	5308	9.170	ng	# 76
33) 4-Chloroaniline	10.52	127	62705	3.271	ng	96
34) Hexachlorobutadiene	10.69	225	36324	3.891	ng	99
35) Caprolactam	11.26	113	13135	2.884	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	47139	3.175	ng	98
37) 2-Methylnaphthalene	12.02	142	118887	3.720	ng	96
38) 1-Methylnaphthalene	12.24	142	113018	3.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	68853	4.423	ng	97

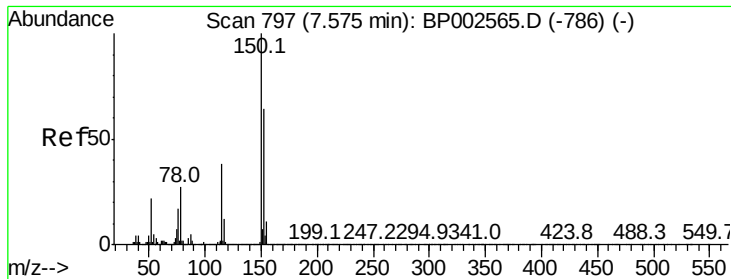
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	11626	5.734	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	35886	3.407	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	38428	3.169	ng	97
46) 1,1'-Biphenyl	13.05	154	163435	4.334	ng	98
47) 2-Chloronaphthalene	13.09	162	117140	3.816	ng	96
48) 2-Nitroaniline	13.30	65	25127	2.566	ng	94
49) Acenaphthylene	13.94	152	178748	3.700	ng	99
50) Dimethylphthalate	13.69	163	133666	3.414	ng	100
51) 2,6-Dinitrotoluene	13.80	165	24938	2.949	ng	96
52) Acenaphthene	14.29	154	106806	3.747	ng	99
53) 3-Nitroaniline	14.14	138	23782	2.583	ng	96
54) 2,4-Dinitrophenol	14.39	184	2780	6.497	ng	# 85
55) Dibenzofuran	14.63	168	176261	3.816	ng	99
56) 4-Nitrophenol	14.51	139	11808	4.011	ng	89
57) 2,4-Dinitrotoluene	14.60	165	29471	2.591	ng	96
58) Fluorene	15.29	166	135684	3.857	ng	94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	31906	3.257	ng	94
60) Diethylphthalate	15.07	149	130899	3.362	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	74221	3.934	ng	92
62) 4-Nitroaniline	15.31	138	22398	2.434	ng	90
63) Azobenzene	15.58	77	120579	3.203	ng	94
65) 4,6-Dinitro-2-methylphenol	15.39	198	11201	4.274	ng	96
66) n-Nitrosodiphenylamine	15.50	169	117188	3.824	ng	98
67) 4-Bromophenyl-phenylether	16.18	248	44481	3.771	ng	94
68) Hexachlorobenzene	16.30	284	53278	4.216	ng	99
69) Atrazine	16.46	200	41950	4.266	ng	99
70) Pentachlorophenol	16.66	266	13538	4.474	ng	95
71) Phenanthrene	17.03	178	221961	3.930	ng	100
72) Anthracene	17.12	178	216245	3.847	ng	99
73) Carbazole	17.40	167	191897	3.533	ng	99
74) Di-n-butylphthalate	17.97	149	207521	3.244	ng	99
75) Fluoranthene	19.02	202	253772	3.712	ng	100
77) Benzidine	19.20	184	103414	5.742	ng	98
78) Pyrene	19.37	202	269092	3.467	ng	99
80) Butylbenzylphthalate	20.26	149	91816	2.710	ng	98
81) Benzo(a)anthracene	21.08	228	277051	3.717	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	110235	4.040	ng	99
83) Chrysene	21.13	228	268857	3.762	ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	152834	3.141	ng	# 99
85) Di-n-octyl phthalate	21.89	149	266096	3.097	ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	365634	4.103	ng	99
88) Benzo(b)fluoranthene	22.63	252	281523	3.565	ng	99
89) Benzo(k)fluoranthene	22.67	252	281945	3.827	ng	99
90) Benzo(a)pyrene	23.20	252	261126	3.603	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	299036	4.106	ng	98
92) Benzo(g,h,i)perylene	26.18	276	300017	4.119	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.57 min Scan# 796

Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

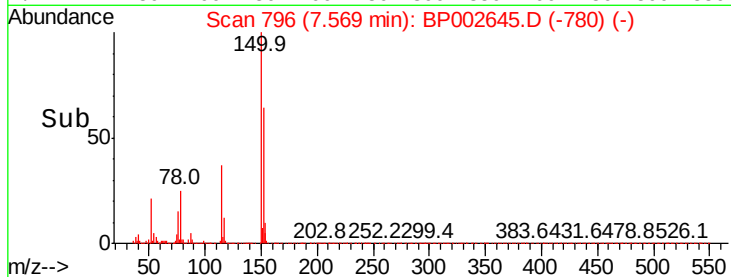
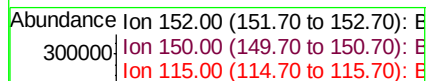
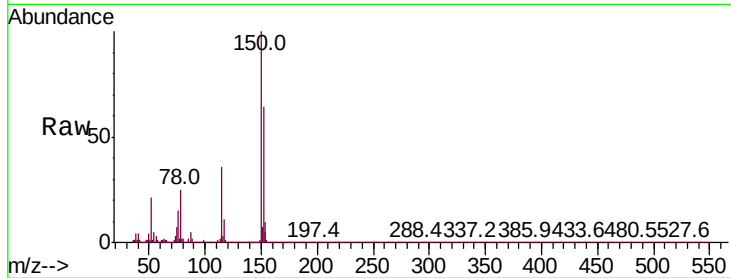
Tot Ion:152 Resp: 228104

Ion Ratio Lower Upper

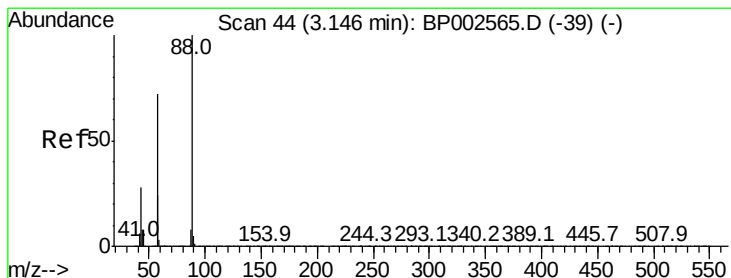
152 100

150 156.8 124.2 186.2

115 57.1 47.1 70.7



Time-->



#2

1,4-Dioxane

Concen: 3.851 ng

RT: 3.15 min Scan# 44

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

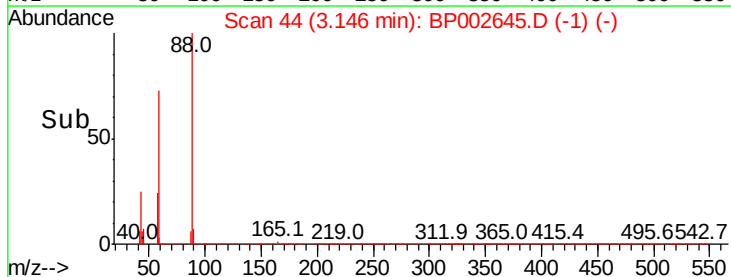
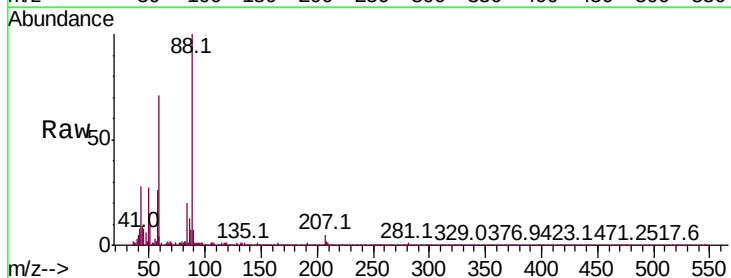
Tgt Ion: 88 Resp: 22238

Ion Ratio Lower Upper

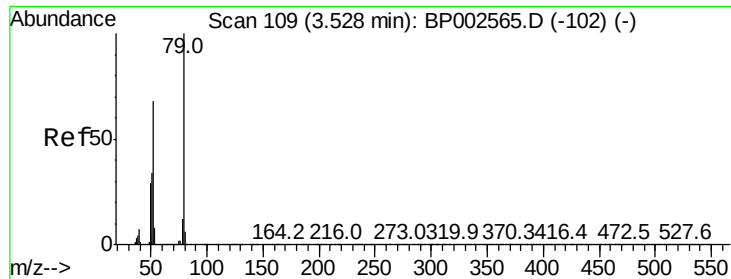
88 100

58 73.1 58.1 87.1

43 29.8 23.2 34.8



Time-->



#3

Pvridine

Concen: 2.918 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

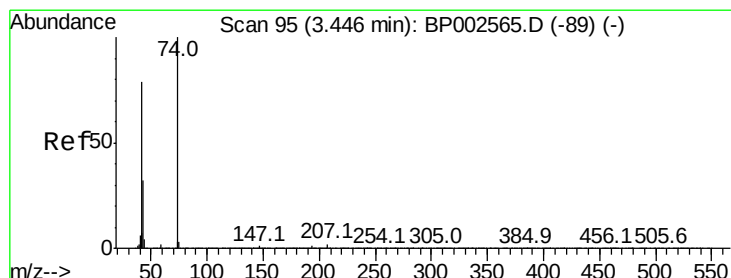
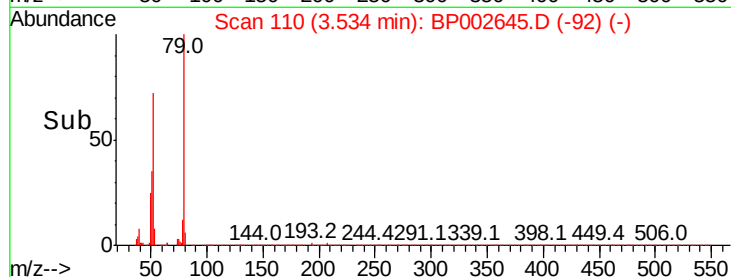
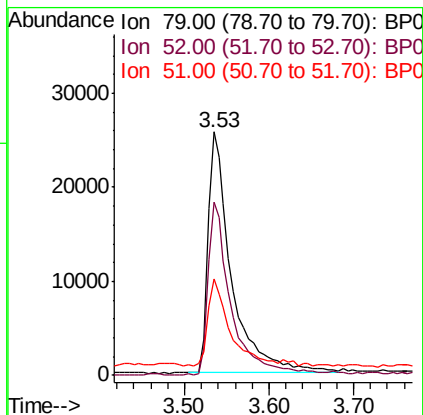
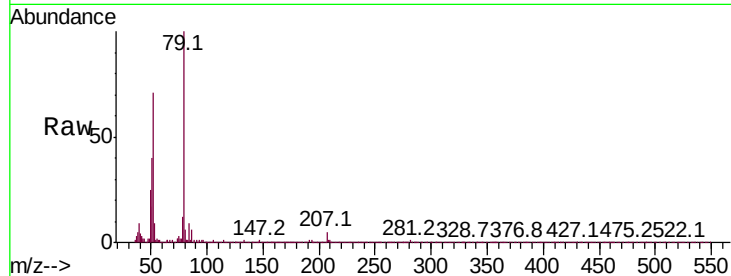
Tot Ion: 79 Resp: 49936

Ion Ratio Lower Upper

79 100

52 70.9 54.5 81.7

51 39.7 27.8 41.6



#4

n-Nitrosodimethylamine

Concen: 3.144 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

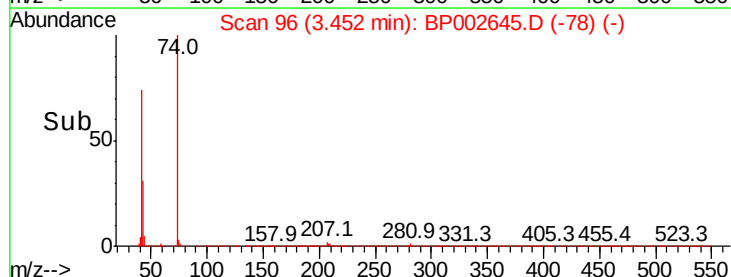
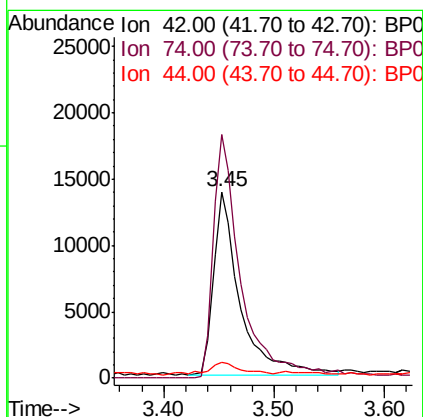
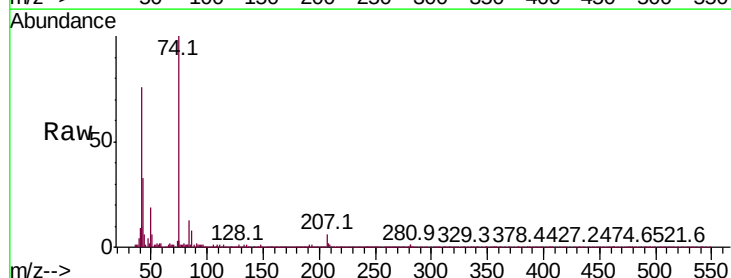
Tgt Ion: 42 Resp: 22843

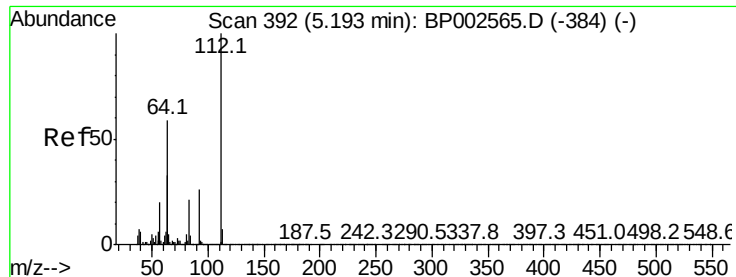
Ion Ratio Lower Upper

42 100

74 130.9 101.7 152.5

44 8.2 4.9 7.3#





#5

2-Fluorophenol

Concen: 109.676 ng

RT: 5.19 min Scan# 392

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

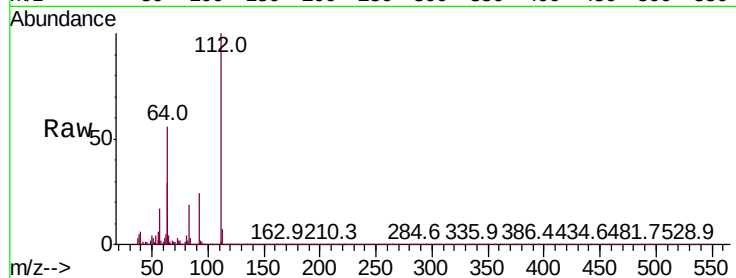
Tot Ion:112 Resp: 1477601

Ion Ratio Lower Upper

112 100

64 56.3 47.0 70.6

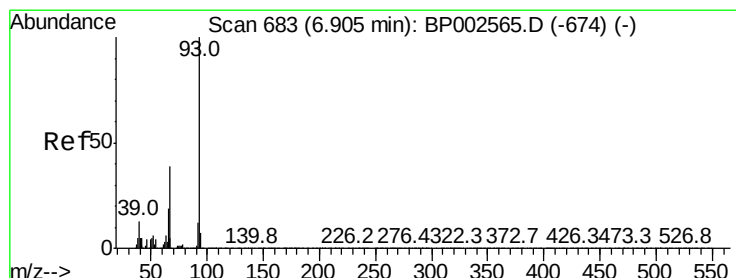
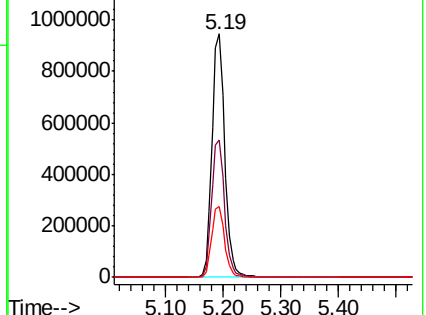
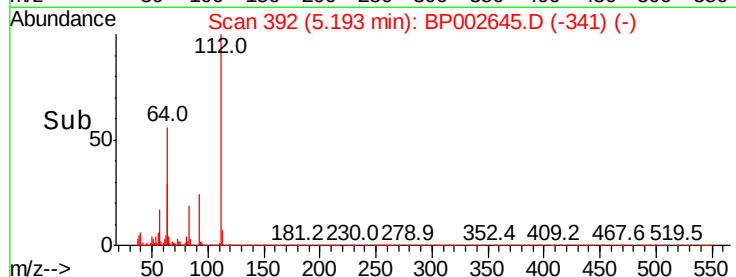
63 29.3 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 3.606 ng

RT: 6.90 min Scan# 683

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

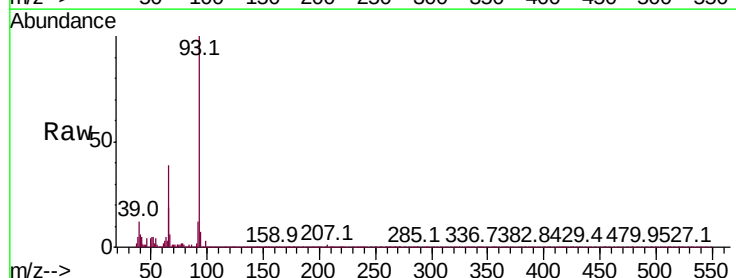
Tgt Ion: 93 Resp: 85180

Ion Ratio Lower Upper

93 100

66 38.6 31.6 47.4

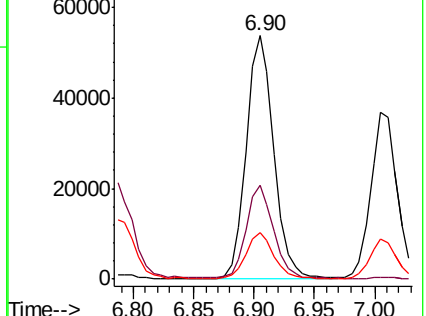
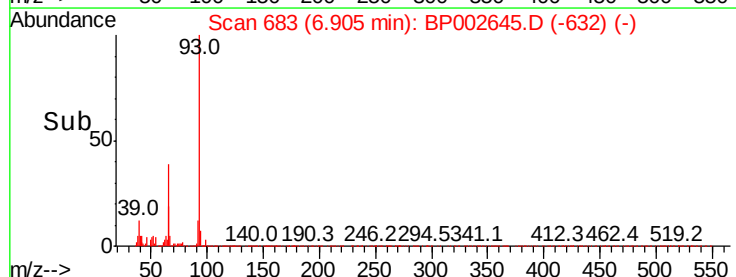
65 19.1 15.7 23.5

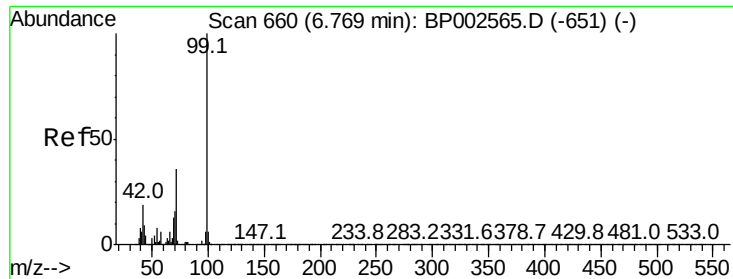


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 100.760 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

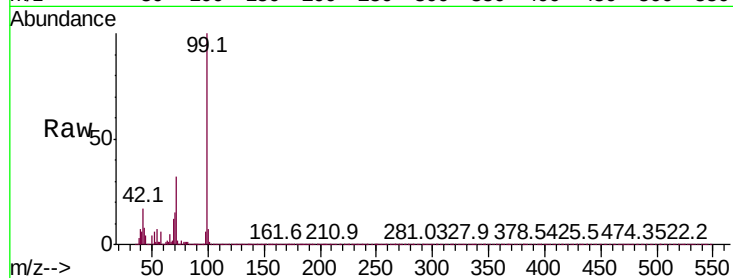
Tot Ion: 99 Resp: 1894698

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.5	23.3
71	31.7	28.9	43.3

99 100

42 17.0 15.5 23.3

71 31.7 28.9 43.3

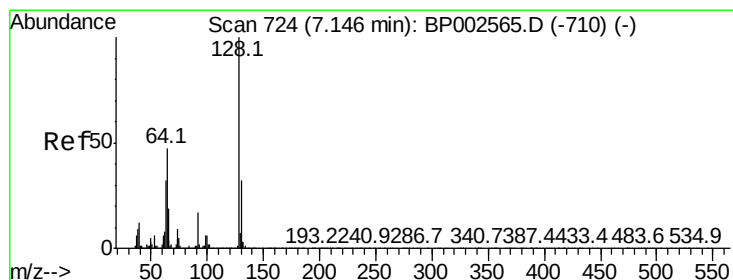
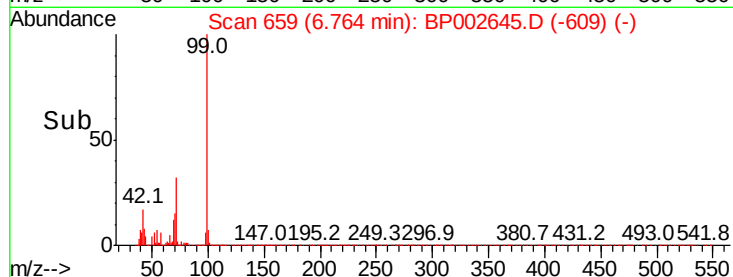
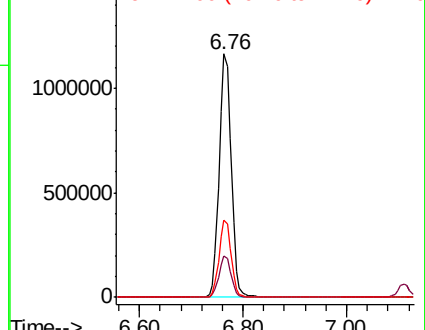


Abundance

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: 3.771 ng

RT: 7.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

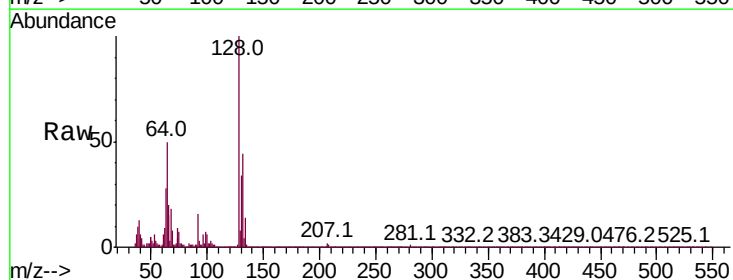
Tgt Ion: 128 Resp: 56432

Ion	Ratio	Lower	Upper
128	100		
130	34.0	11.8	51.8
64	49.7	26.9	66.9

128 100

130 34.0 11.8 51.8

64 49.7 26.9 66.9

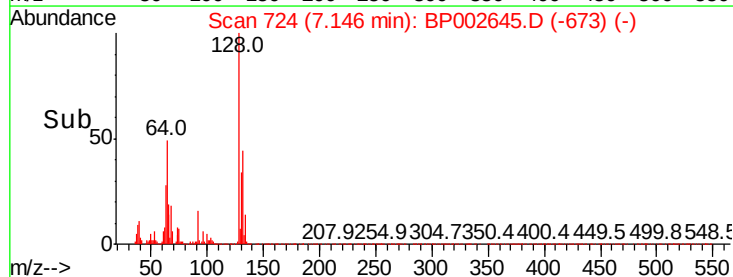
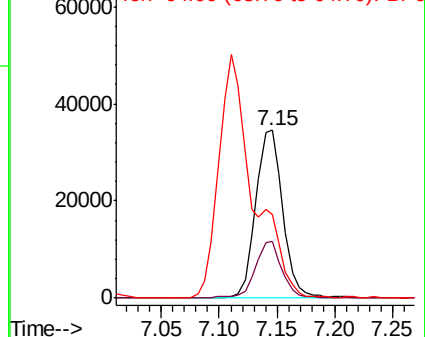


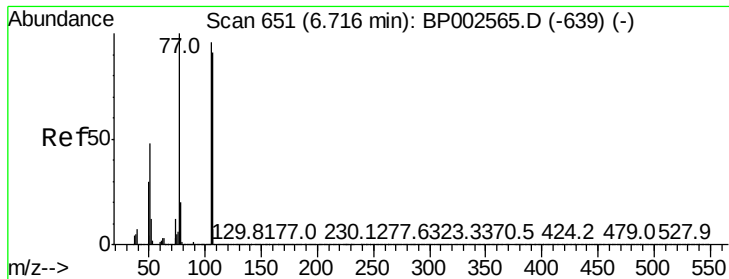
Abundance

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: 4.000 ng

RT: 6.72 min Scan# 652

Delta R.T. 0.01 min

Lab File: BP002645.D

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Instrument :

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LOD-MDL-WATER-01-QT2-2020

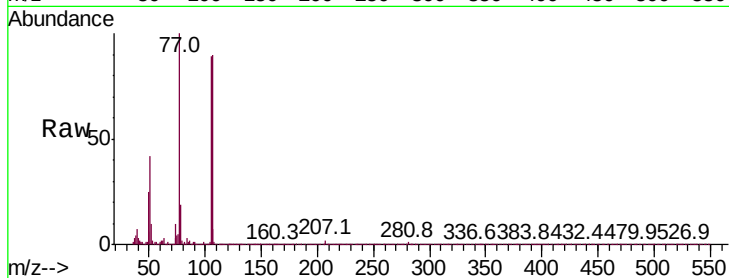
Tot Ion: 77 Resp: 49820

Ion Ratio Lower Upper

77 100

105 88.9 76.5 116.5

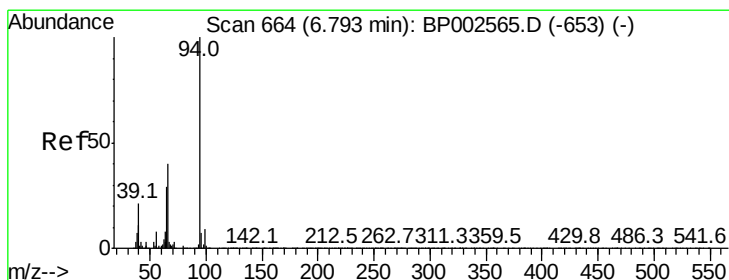
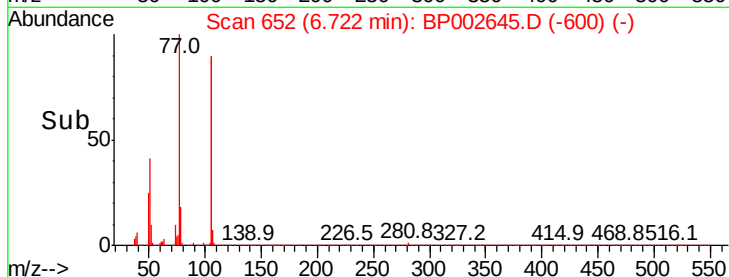
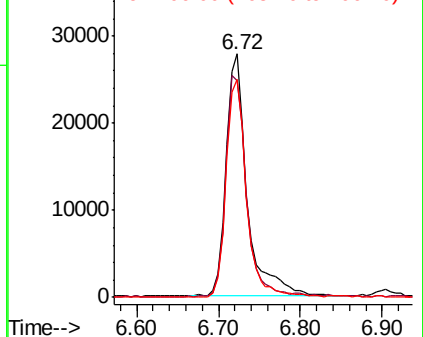
106 89.6 70.9 110.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 3.715 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

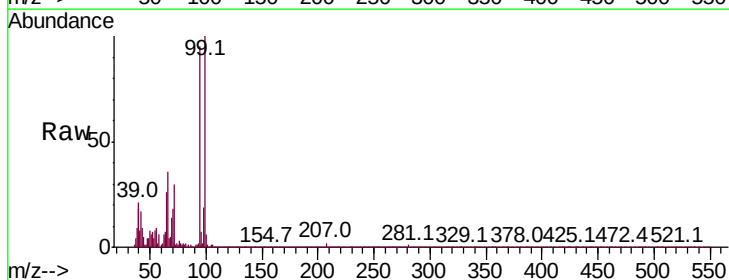
Tgt Ion: 94 Resp: 70442

Ion Ratio Lower Upper

94 100

65 27.7 8.8 48.8

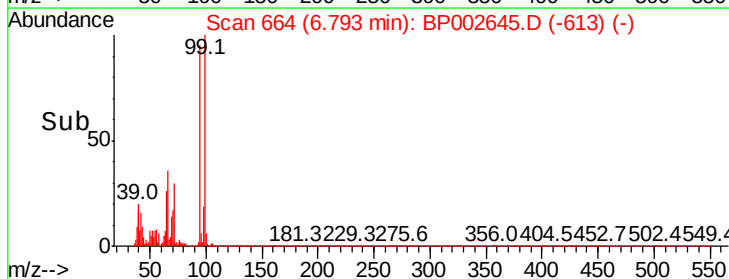
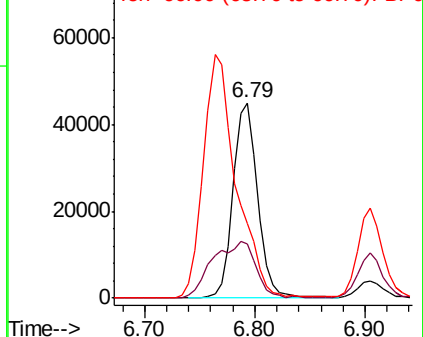
66 38.1 19.9 59.9

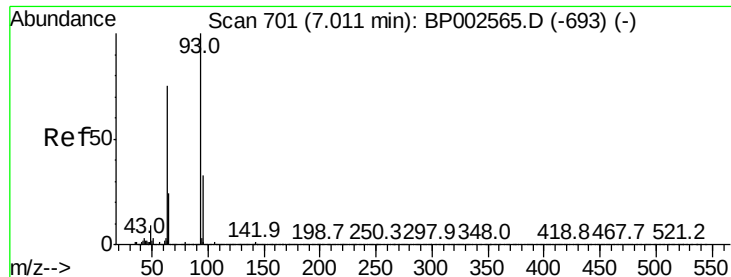


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

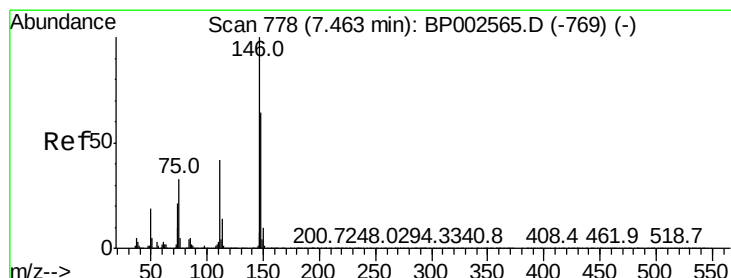
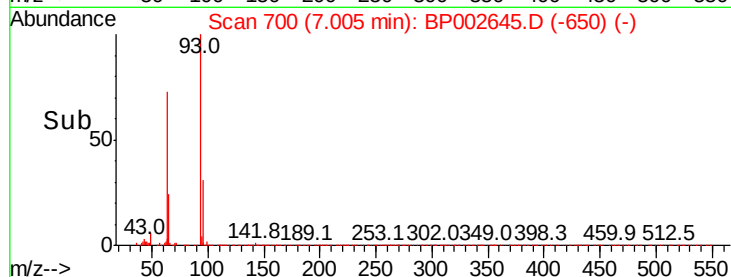
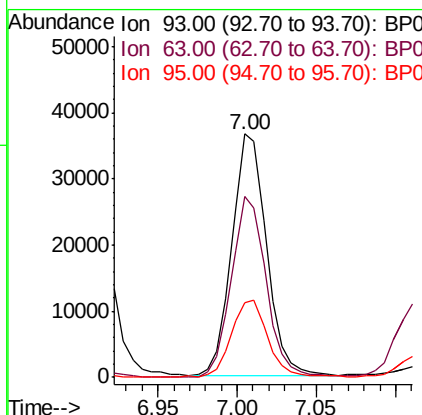
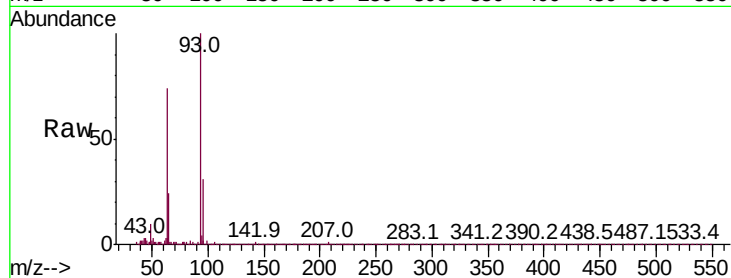




#11
bis(2-Chloroethyl)ether
Concen: 3.533 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

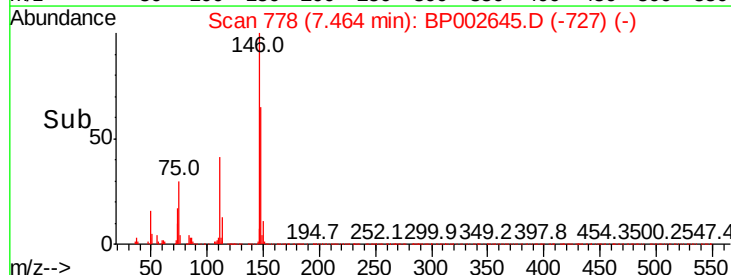
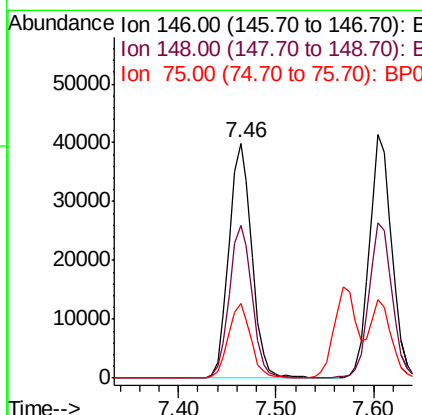
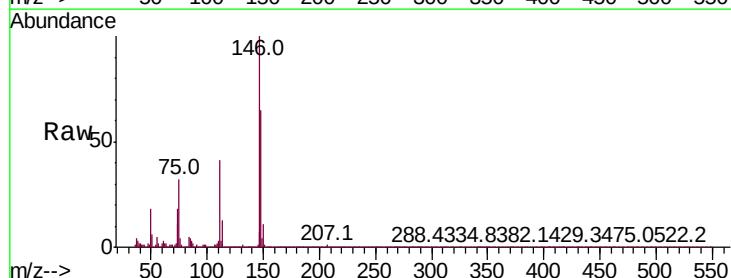
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

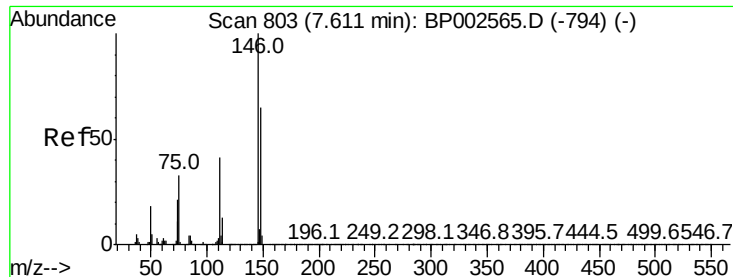
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.5	54.5	94.5
95	30.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 3.763 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
75	31.6	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 3.723 ng

RT: 7.60 min Scan# 802

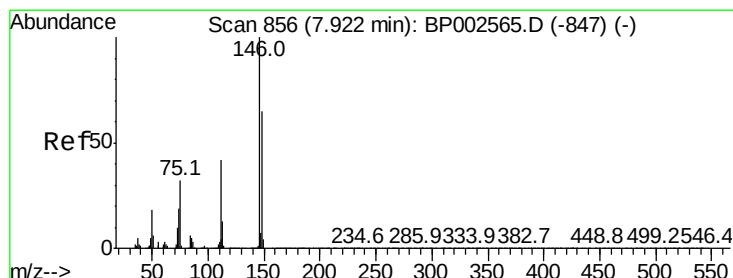
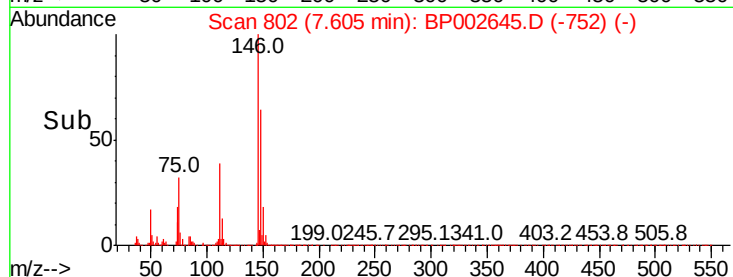
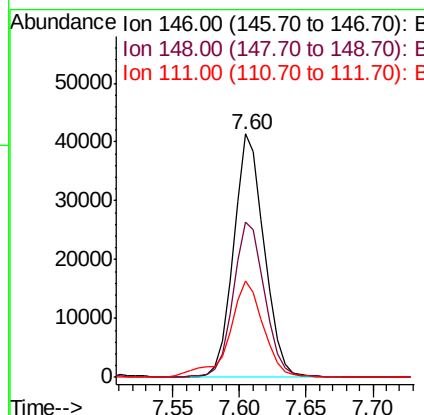
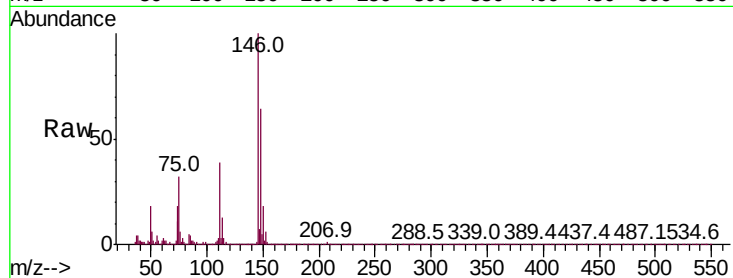
Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	39.4	32.8	49.2



#14

1,2-Dichlorobenzene

Concen: 3.689 ng

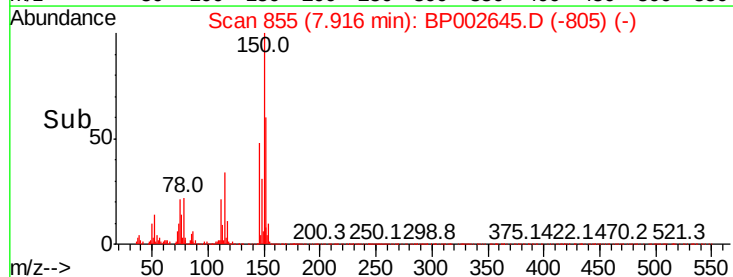
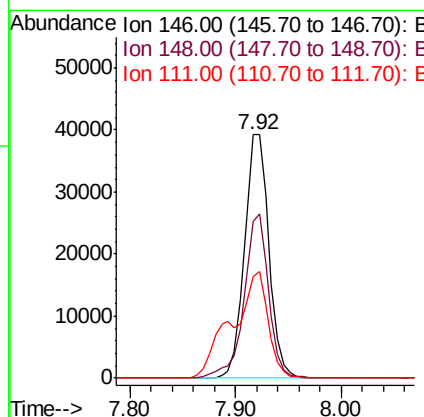
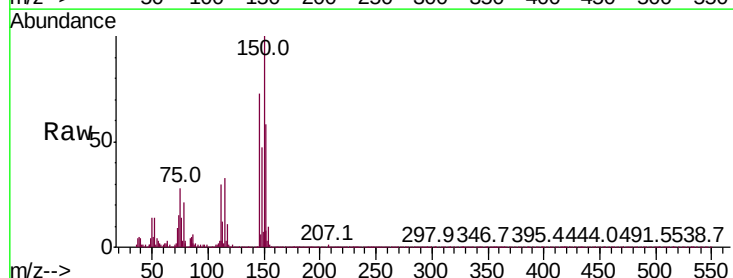
RT: 7.92 min Scan# 855

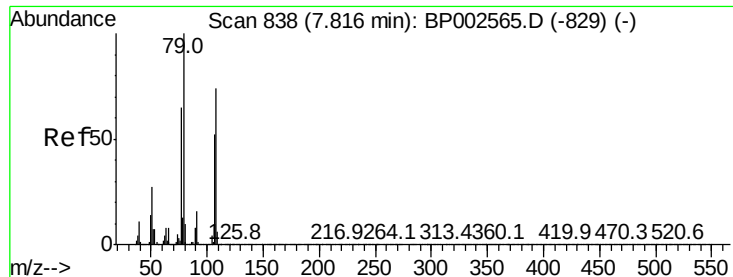
Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	41.6	34.1	51.1





#15

Benzyl Alcohol

Concen: 2.842 ng

RT: 7.82 min Scan# 838

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

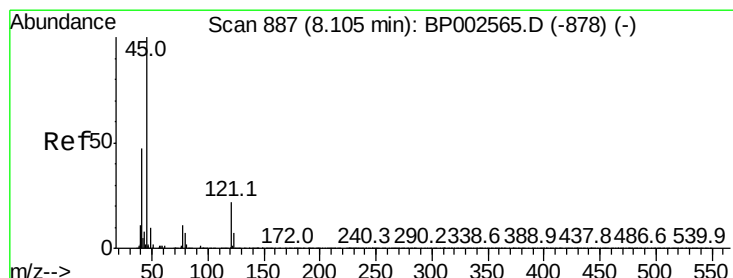
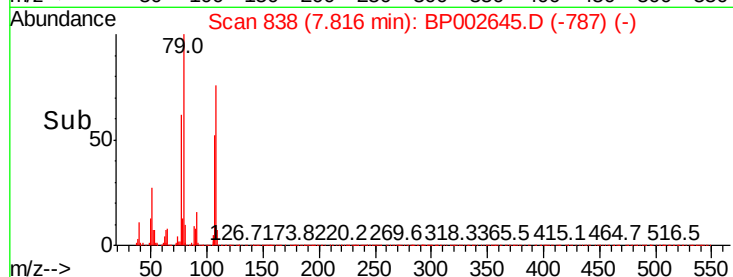
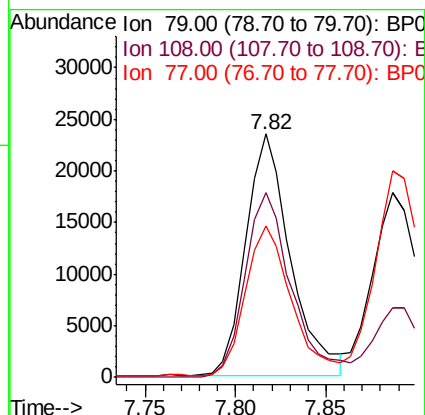
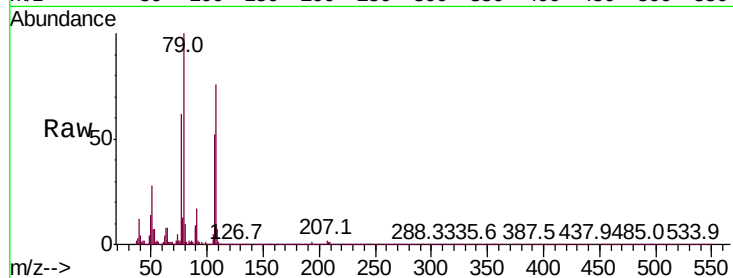
Tot Ion: 79 Resp: 40154

Ion Ratio Lower Upper

79 100

108 76.1 59.4 89.2

77 62.3 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.477 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

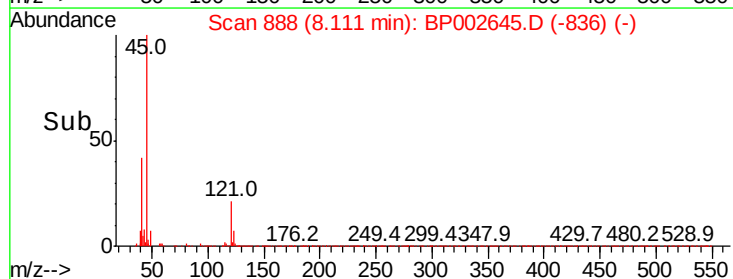
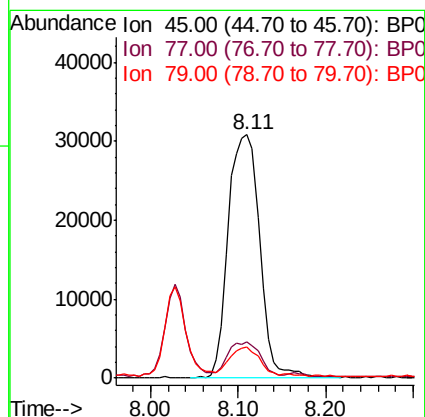
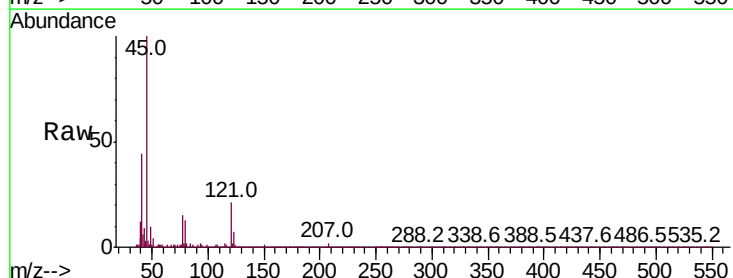
Tgt Ion: 45 Resp: 75394

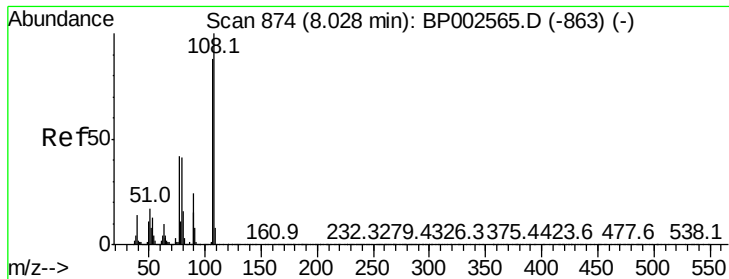
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.0

79 12.8 0.0 31.1

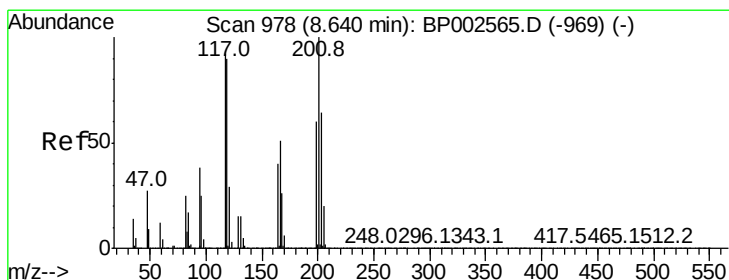
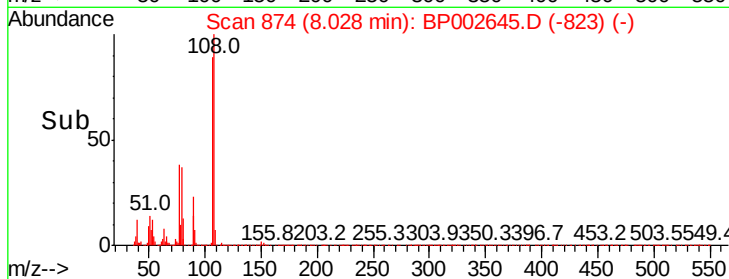
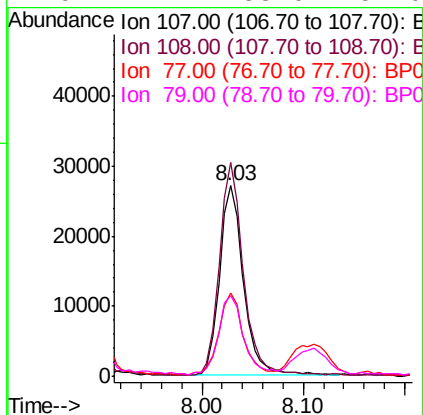
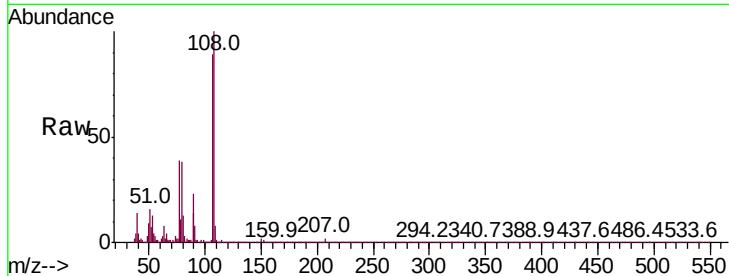




#17
2-Methylphenol
Concen: 3.128 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

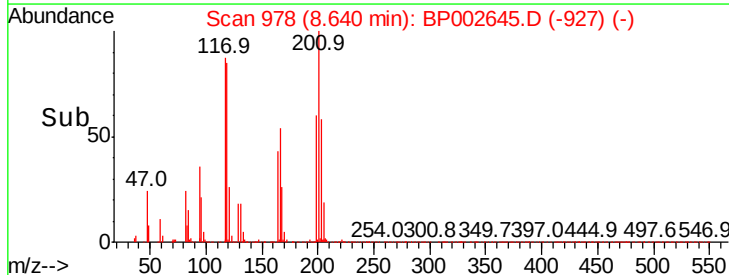
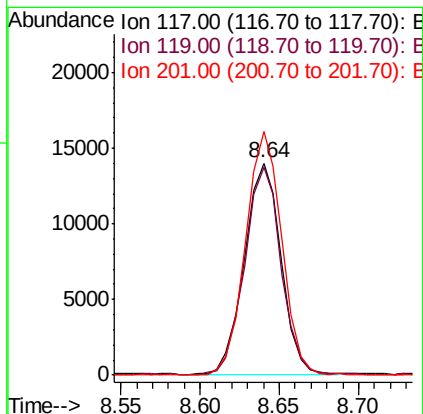
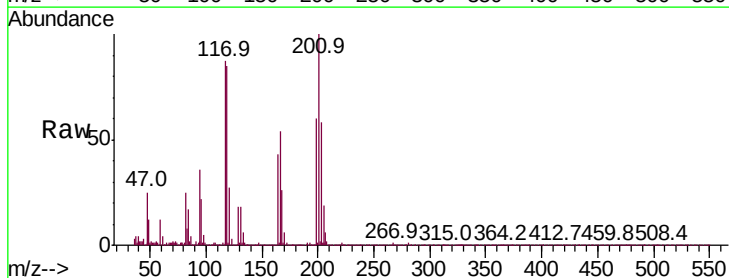
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

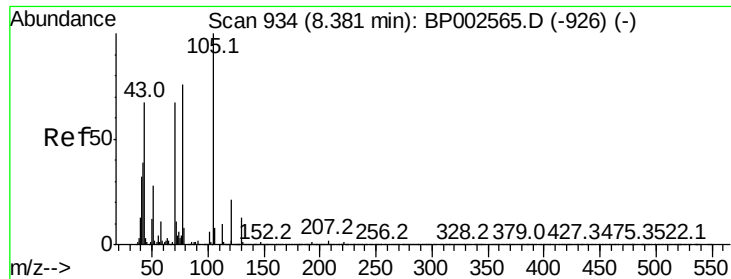
Tot Ion:	107	Resp:	44401
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.4	137.0
77	43.5	38.7	58.1
79	42.7	38.0	57.0



#18
Hexachloroethane
Concen: 3.545 ng
RT: 8.64 min Scan# 978
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:	117	Resp:	22510
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
201	114.8	87.0	130.6

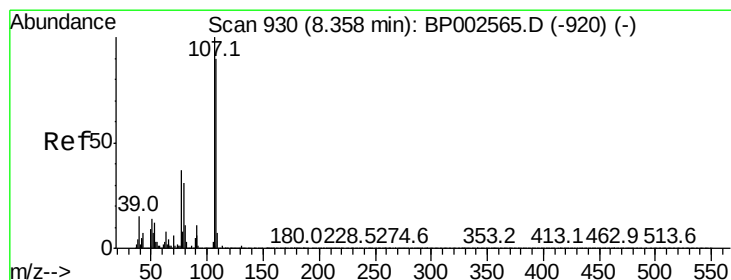
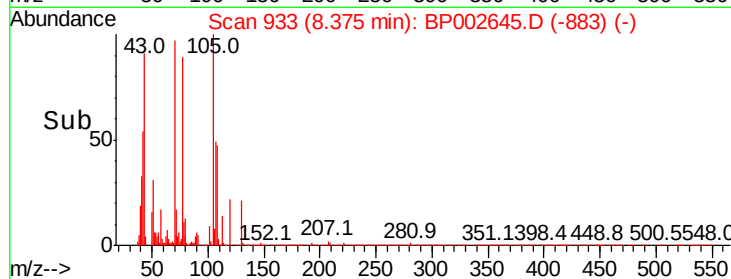
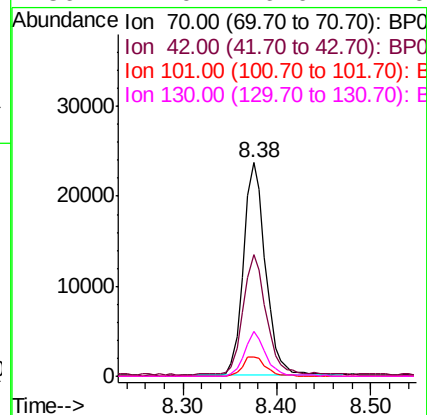
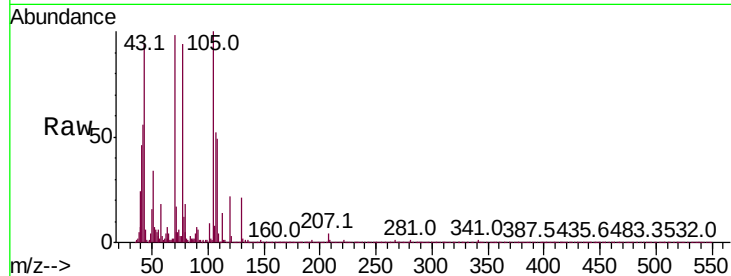




#19
n-Nitroso-di-n-propylamine
Concen: 3.145 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

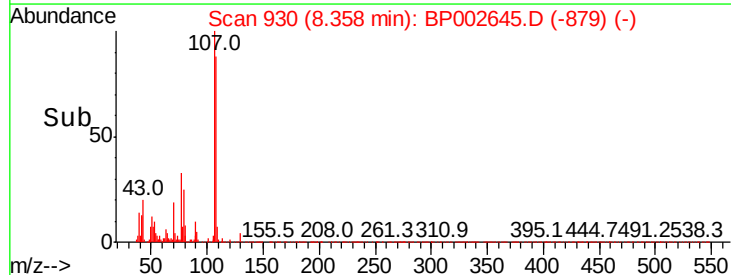
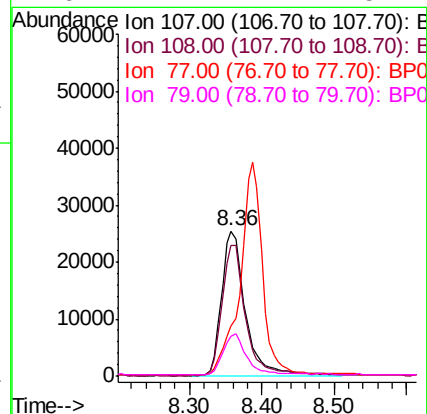
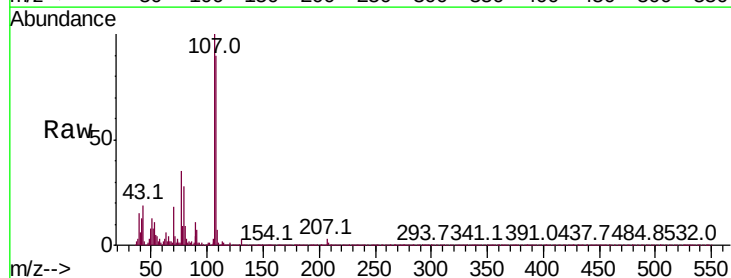
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

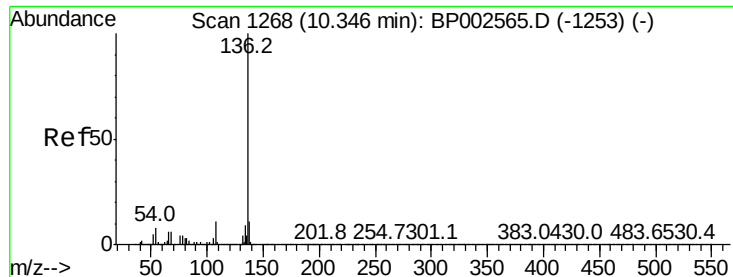
Tot Ion:	70	Resp:	38801
Ion	Ratio	Lower	Upper
70	100		
42	57.1	46.7	70.1
101	9.3	7.5	11.3
130	21.0	16.0	24.0



#20
3+4-Methylphenols
Concen: 3.024 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:	107	Resp:	57876
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.4	110.4
77	34.7	16.7	56.7
79	27.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:136 Resp: 828001

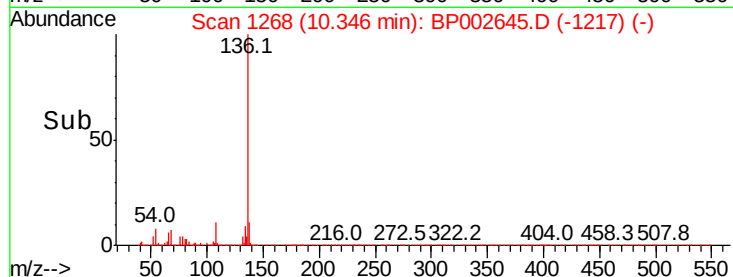
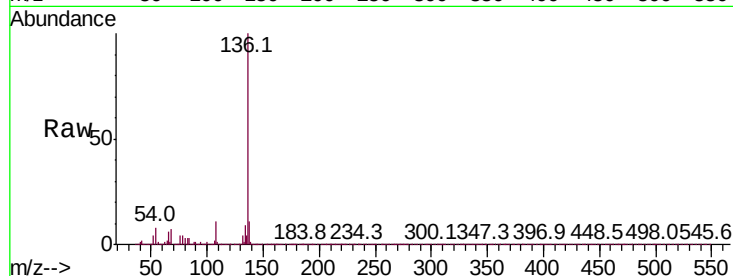
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 6.4 9.6

68 6.9 5.1 7.7

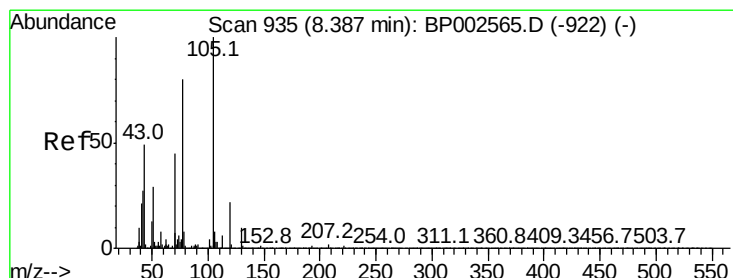
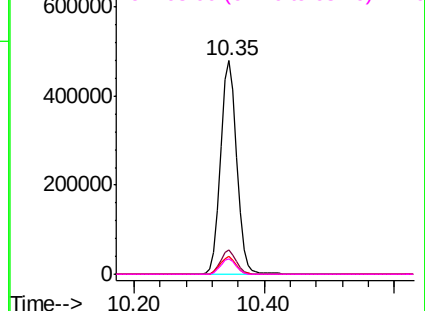


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 3.975 ng

RT: 8.39 min Scan# 935

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:105 Resp: 83312

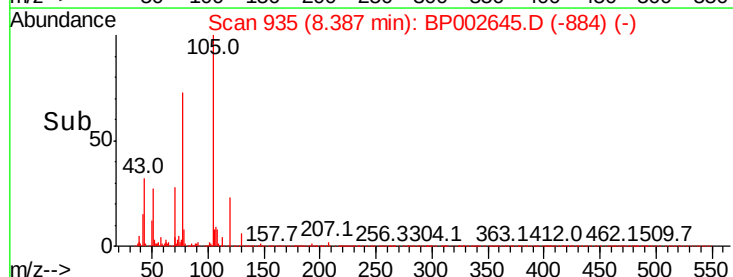
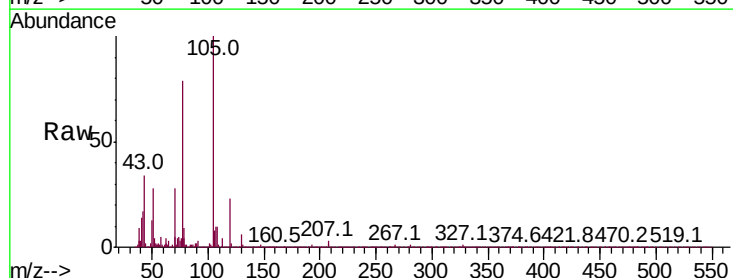
Ion Ratio Lower Upper

105 100

71 4.8 5.8 8.8#

51 28.5 23.3 34.9

120 23.0 17.4 26.0

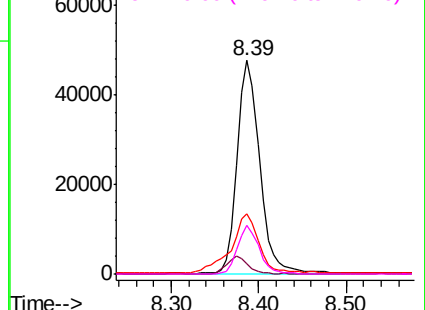


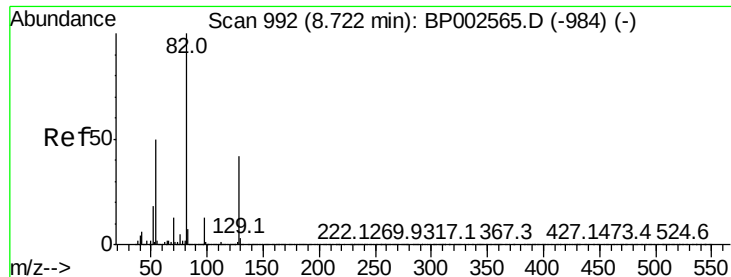
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

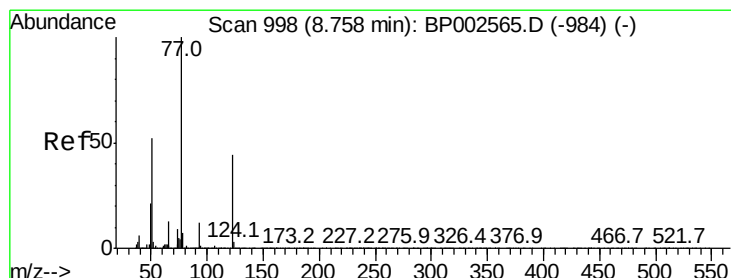
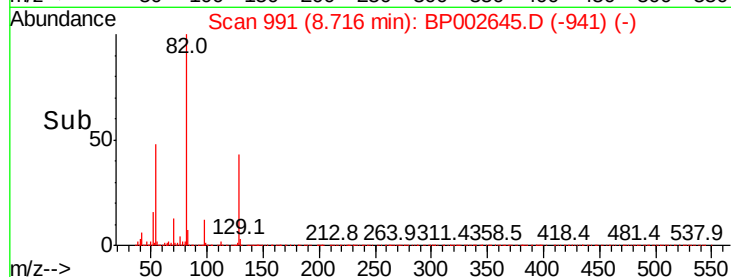
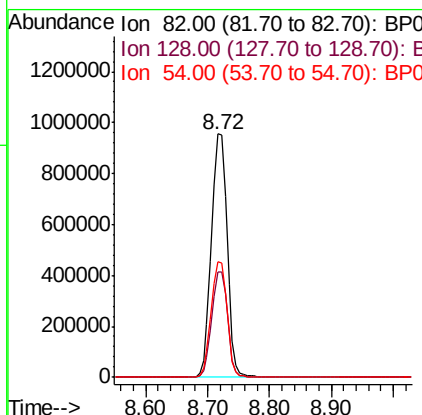
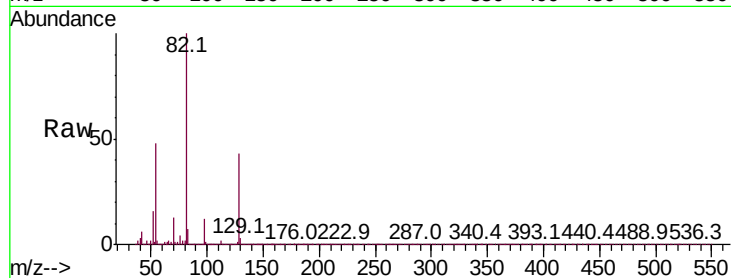




#23
Nitrobenzene-d5
Concen: 104.070 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

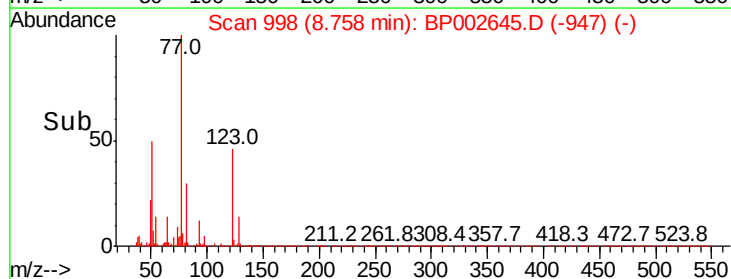
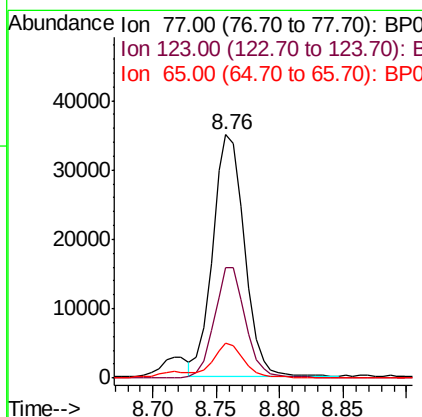
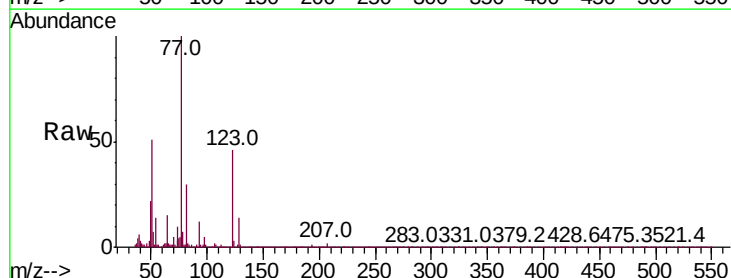
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

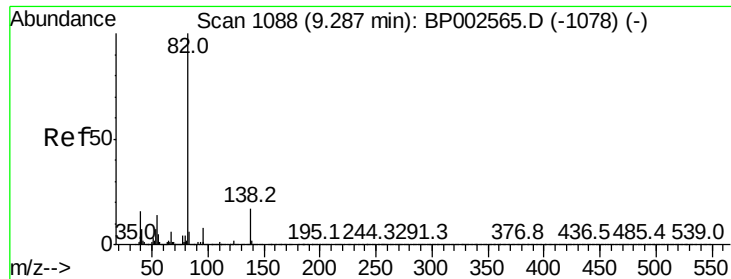
Tot Ion: 82 Resp: 1672378
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.2
54 47.7 40.1 60.1



#24
Nitrobenzene
Concen: 3.569 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion: 77 Resp: 60701
Ion Ratio Lower Upper
77 100
123 45.6 35.3 52.9
65 14.5 10.6 16.0





#25

Isophorone

Concen: 3.233 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

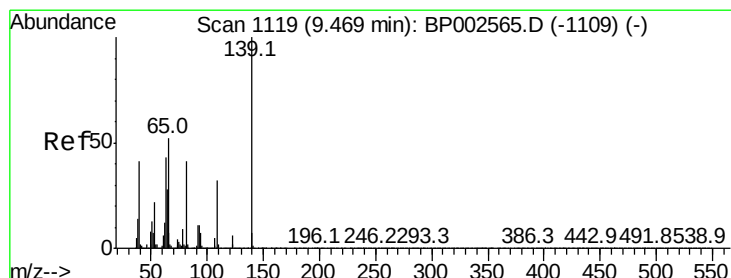
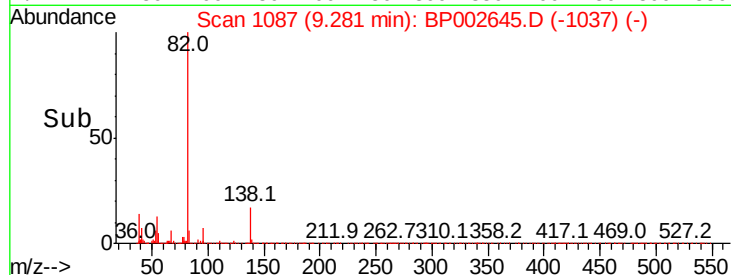
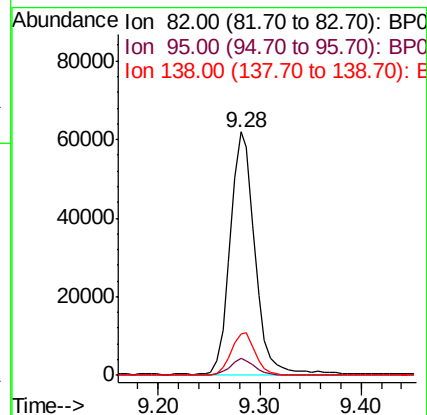
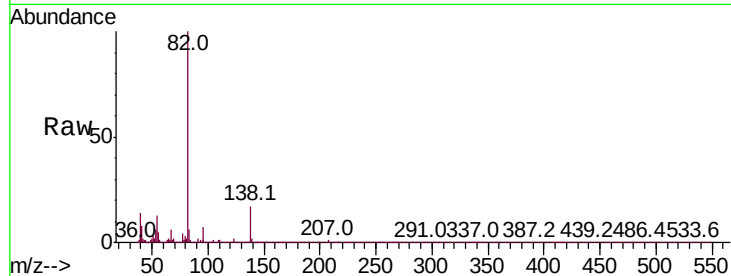
Tot Ion: 82 Resp: 104126

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 16.9 13.8 20.8



#26

2-Nitrophenol

Concen: 3.149 ng

RT: 9.48 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

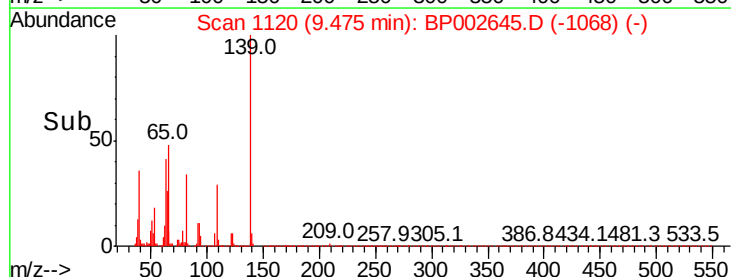
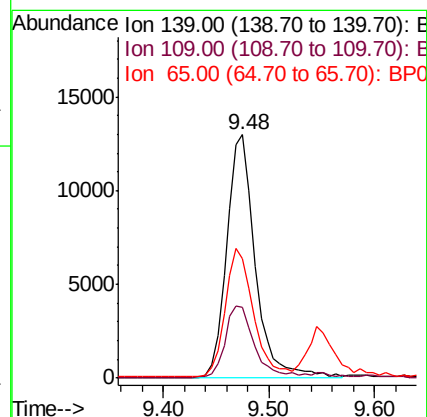
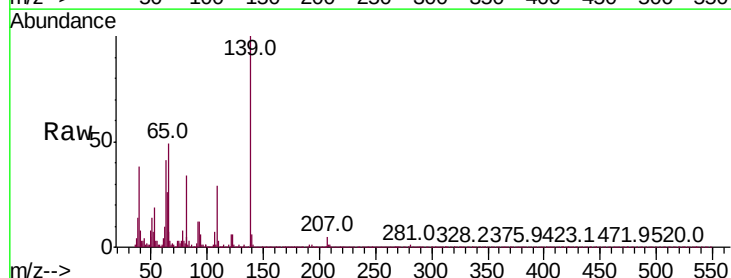
Tgt Ion: 139 Resp: 24430

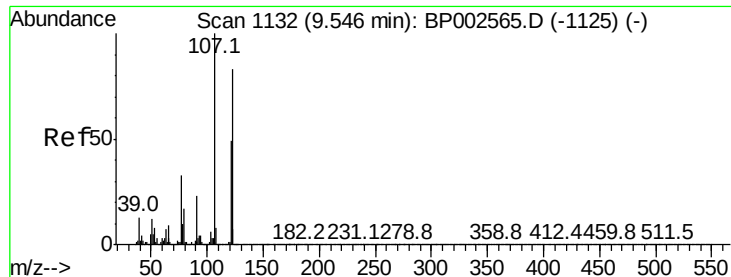
Ion Ratio Lower Upper

139 100

109 29.0 26.0 39.0

65 49.0 41.9 62.9

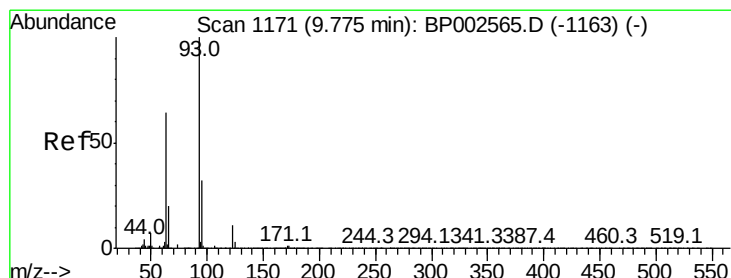
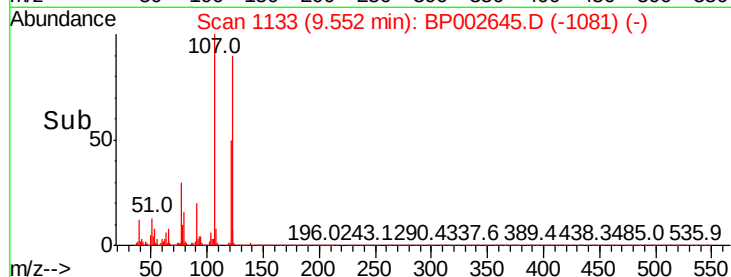
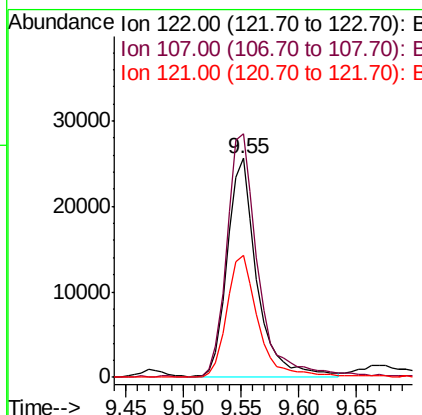
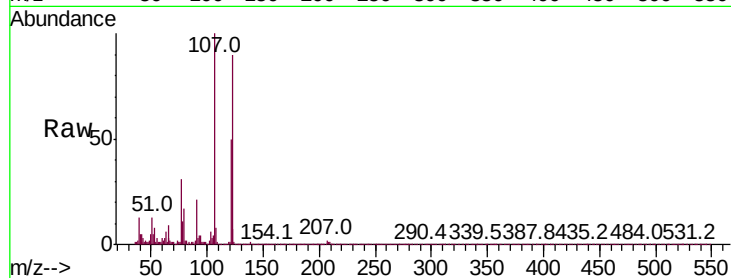




#27
2,4-Dimethylphenol
Concen: 3.844 ng
RT: 9.55 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

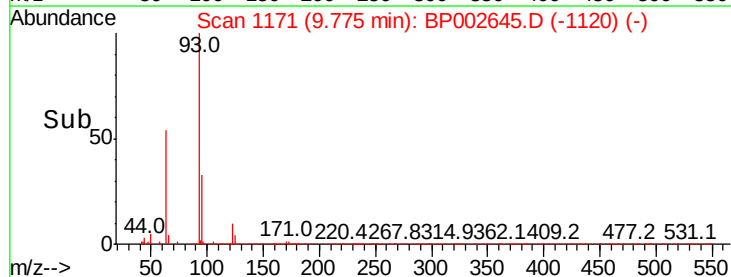
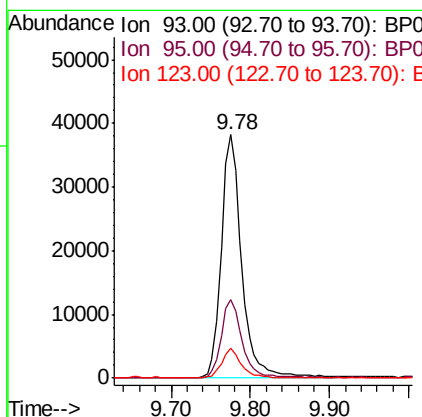
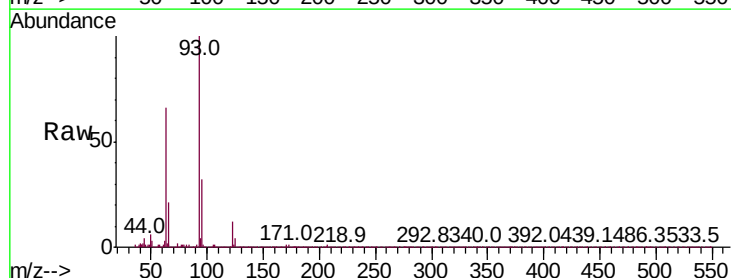
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

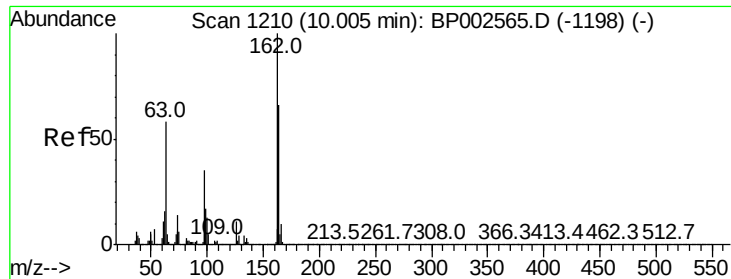
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	95.9	143.9
121	55.4	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.649 ng
RT: 9.78 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.2	8.7	13.1

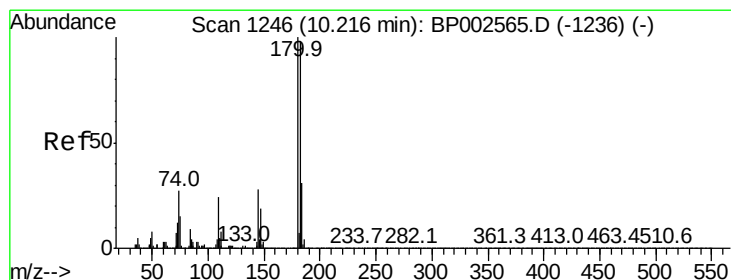
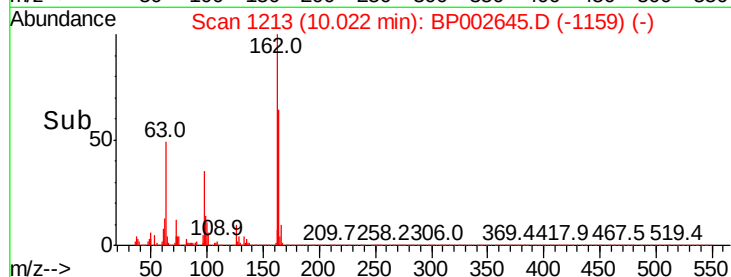
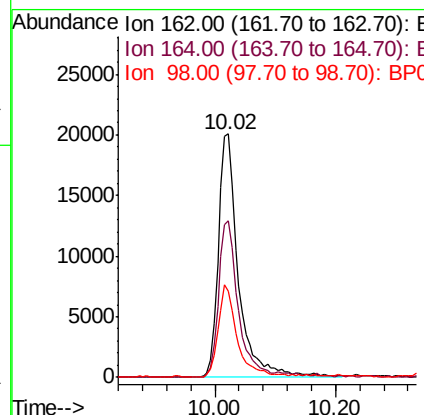
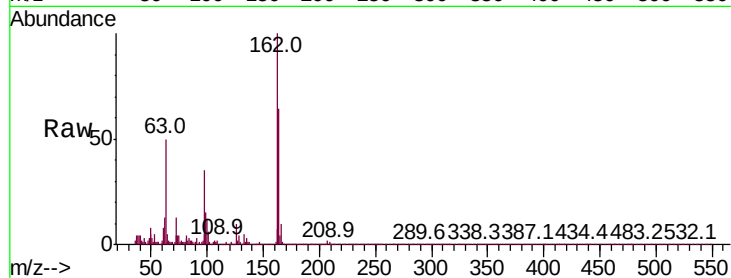




#29
 2,4-Dichlorophenol
 Concen: 3.406 ng
 RT: 10.02 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

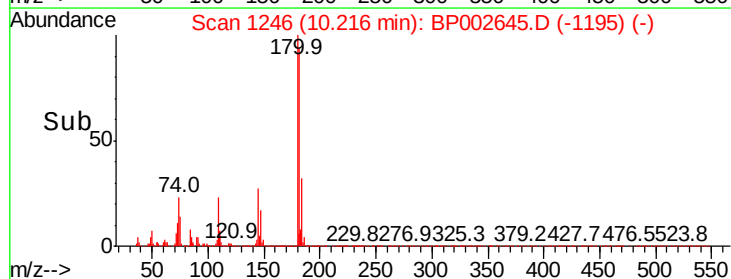
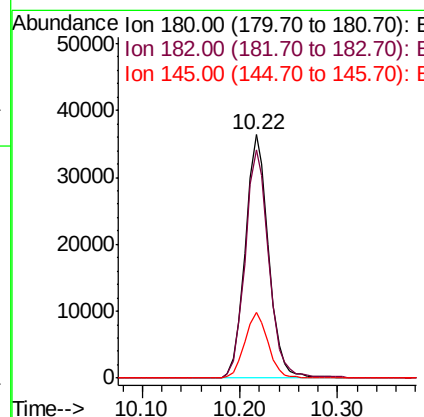
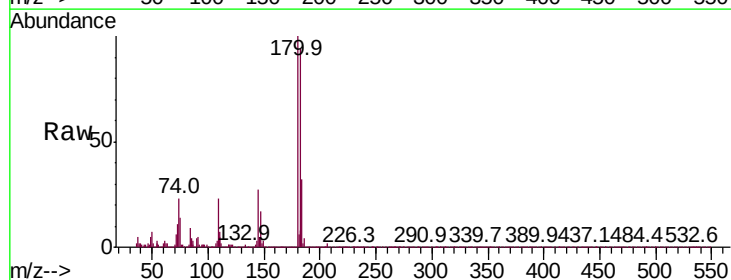
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

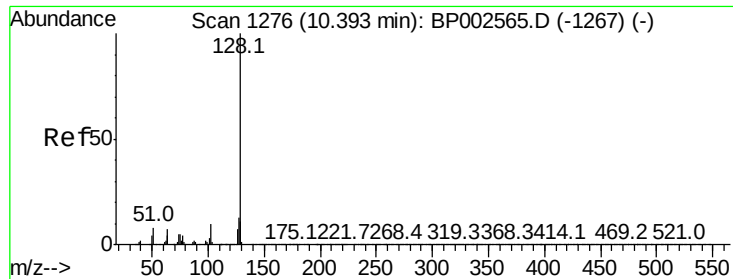
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.1	86.1
98	35.2	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 3.949 ng
 RT: 10.22 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.2	117.2
145	27.1	22.6	34.0





#31

Naphthalene

Concen: 3.775 ng

RT: 10.39 min Scan# 1276

Delta R.T. 0.00 min

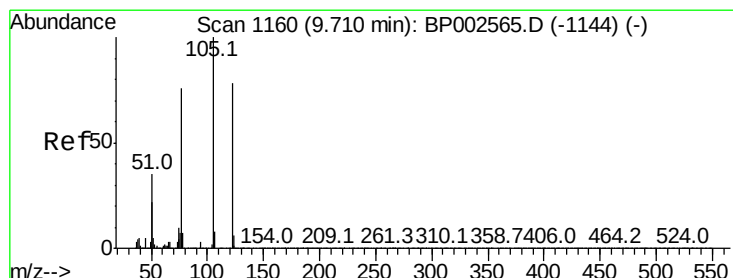
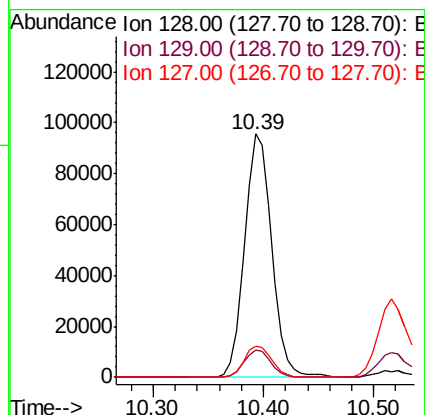
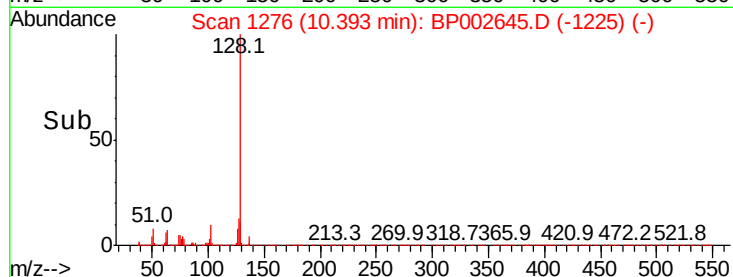
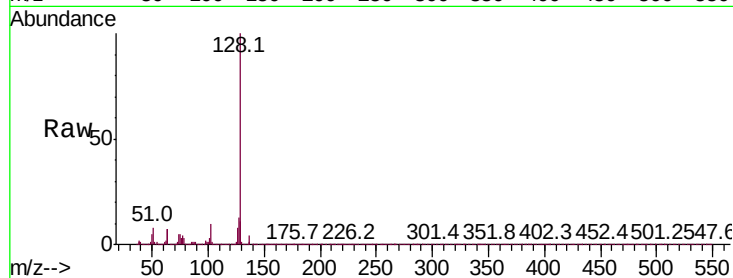
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:128 Resp: 165486

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	12.7	10.3	15.5



#32

Benzoic acid

Concen: 9.170 ng

RT: 9.67 min Scan# 1153

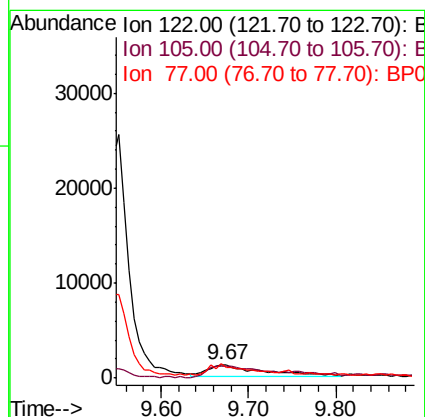
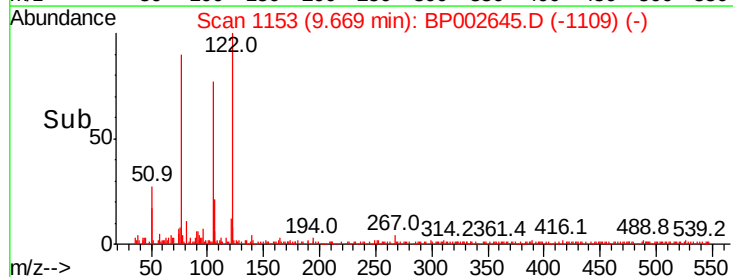
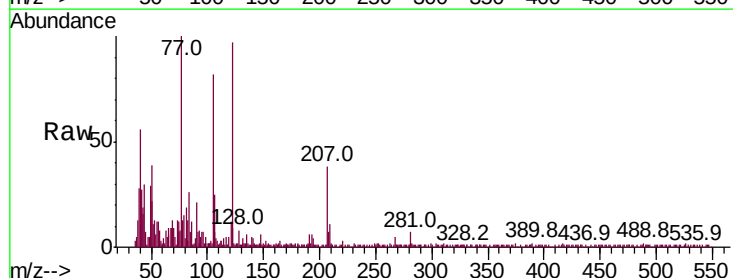
Delta R.T. -0.04 min

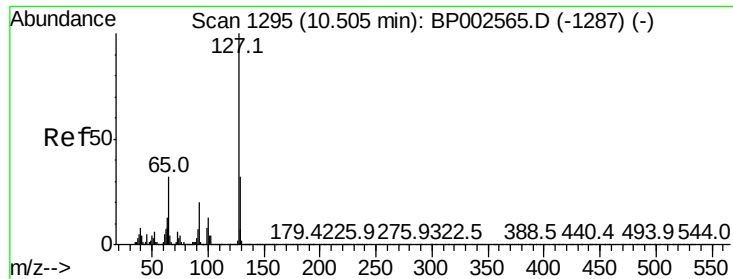
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:122 Resp: 5308

Ion	Ratio	Lower	Upper
122	100		
105	84.1	106.6	146.6#
77	103.2	76.5	116.5

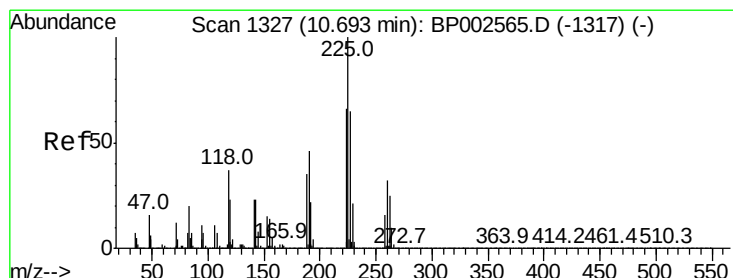
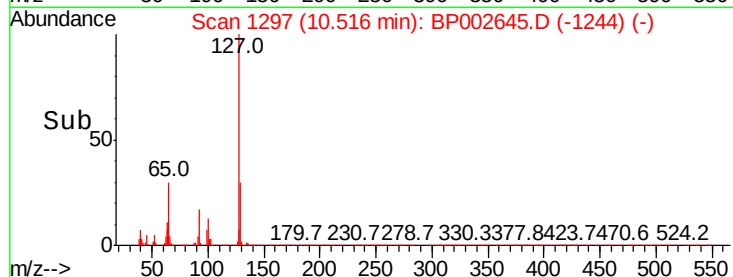
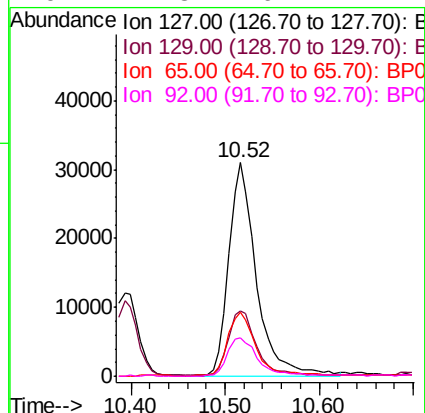
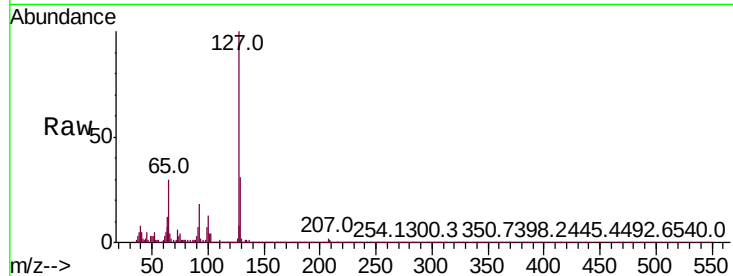




#33
4-Chloroaniline
Concen: 3.271 ng
RT: 10.52 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

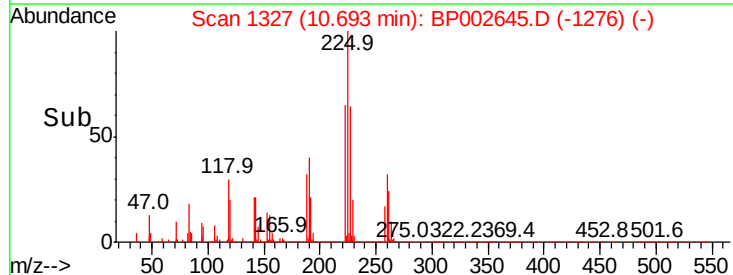
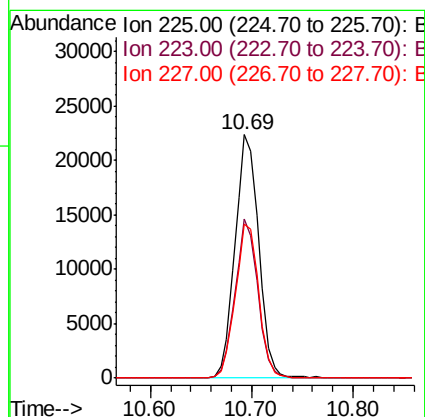
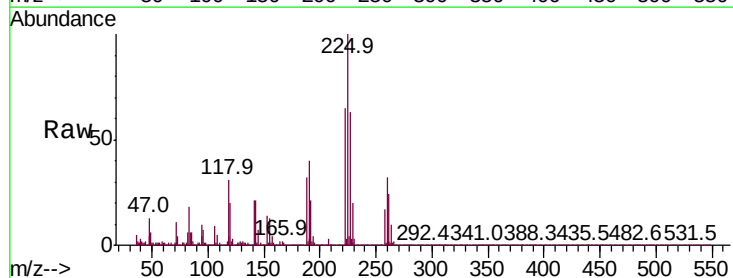
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

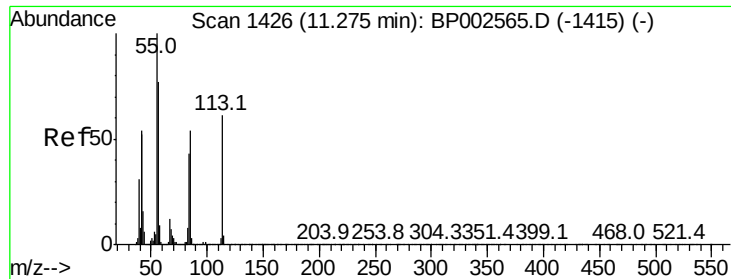
Tot Ion:127	Resp:	62705
Ion	Ratio	Lower Upper
127	100	
129	30.6	25.7 38.5
65	30.2	25.7 38.5
92	17.8	16.1 24.1



#34
Hexachlorobutadiene
Concen: 3.891 ng
RT: 10.69 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:225	Resp:	36324
Ion	Ratio	Lower Upper
225	100	
223	65.3	52.6 78.8
227	63.5	52.1 78.1

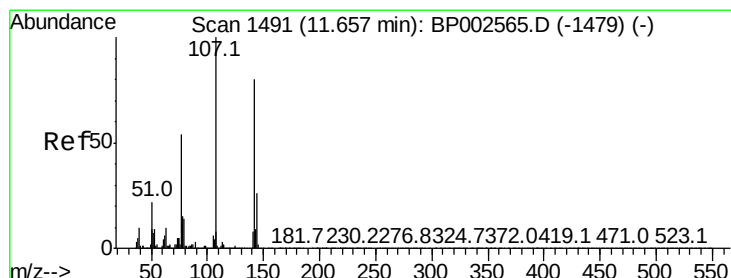
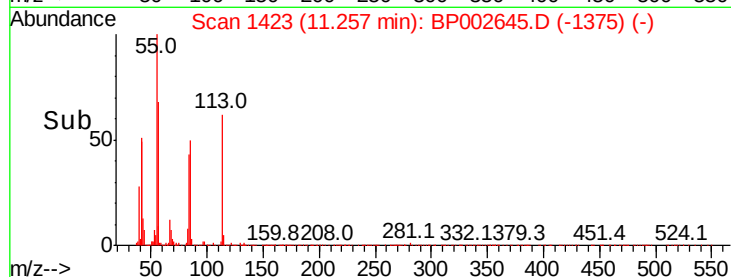
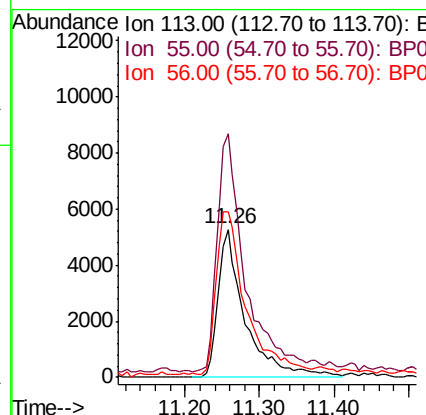
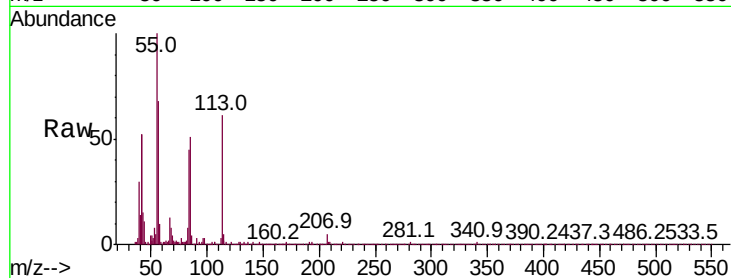




#35
 Caprolactam
 Concen: 2.884 ng
 RT: 11.26 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

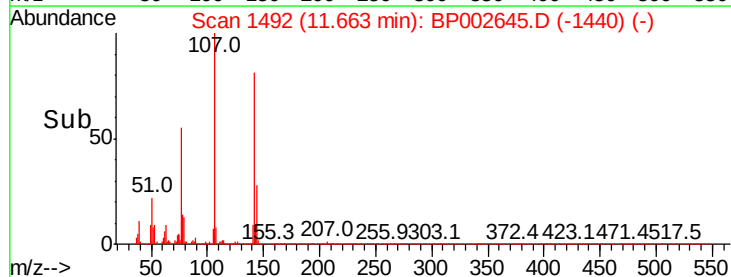
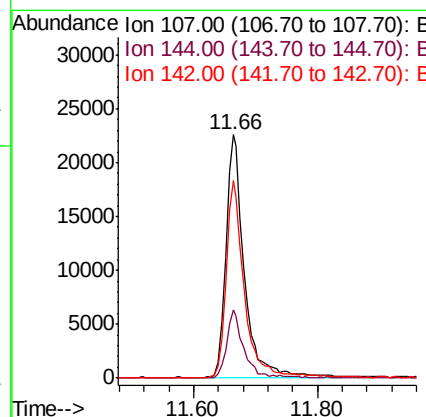
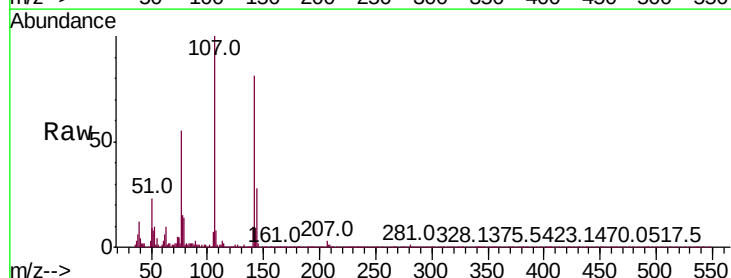
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

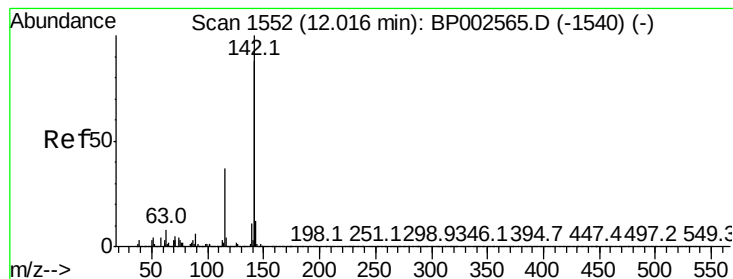
Tot Ion:113 Resp: 13135
 Ion Ratio Lower Upper
 113 100
 55 164.8 143.7 183.7
 56 111.9 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 3.175 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

Tgt Ion:107 Resp: 47139
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.0 31.6
 142 80.9 63.9 95.9





#37

2-Methylnaphthalene

Concen: 3.720 ng

RT: 12.02 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

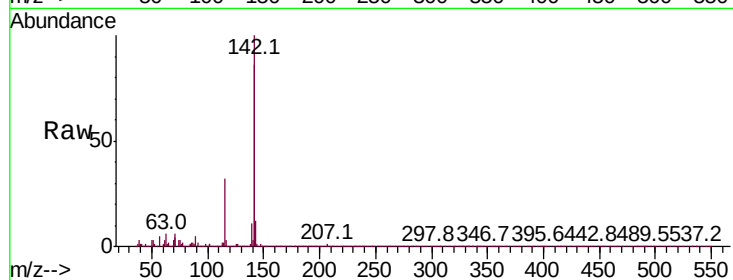
Tot Ion:142 Resp: 118887

Ion Ratio Lower Upper

142 100

141 85.9 70.7 106.1

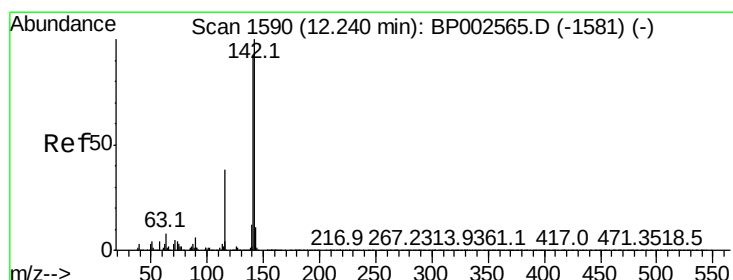
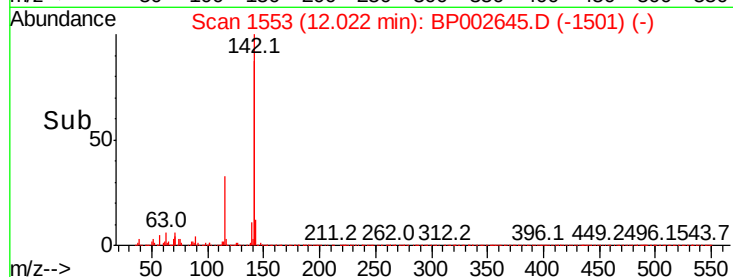
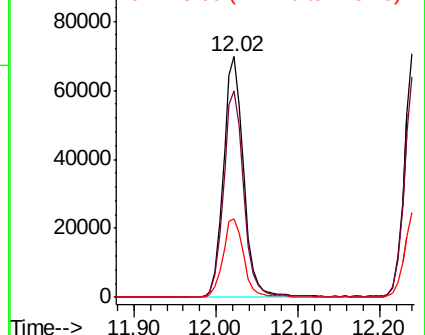
115 32.5 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.755 ng

RT: 12.24 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

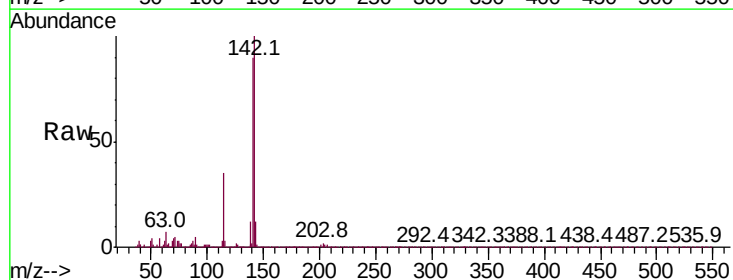
Tgt Ion:142 Resp: 113018

Ion Ratio Lower Upper

142 100

141 90.4 73.4 110.2

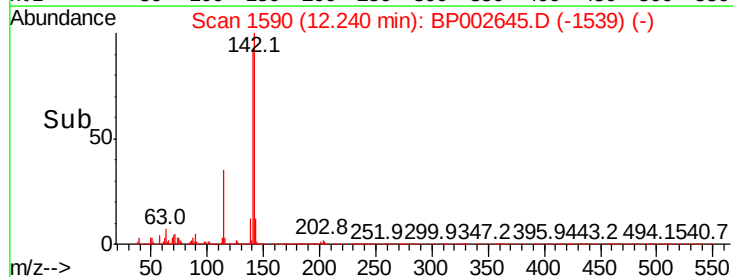
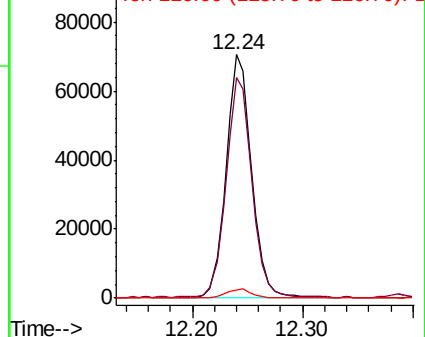
116 3.4 3.2 4.8

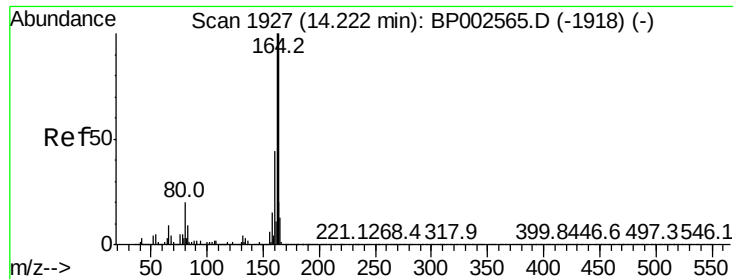


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

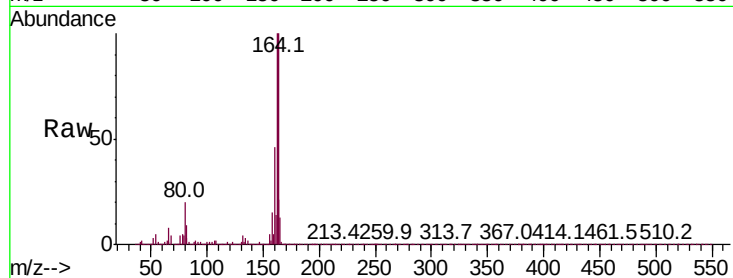
Tot Ion:164 Resp: 498547

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 45.8 35.0 52.6

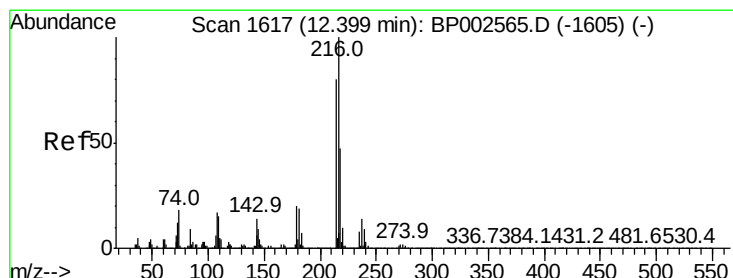
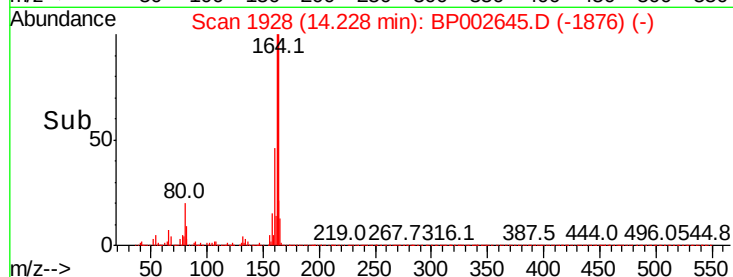
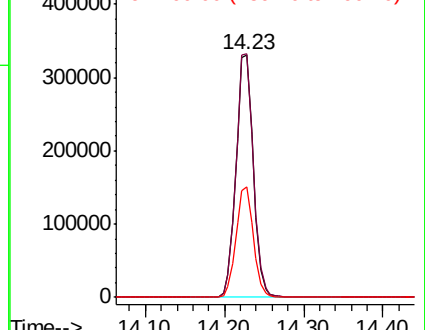


Abundance

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: 4.423 ng

RT: 12.40 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:216 Resp: 68853

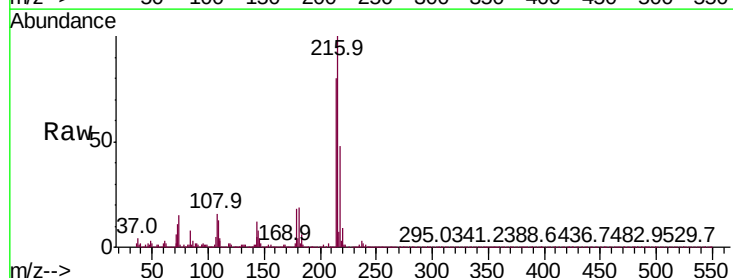
Ion Ratio Lower Upper

216 100

214 77.7 63.2 94.8

179 18.3 16.6 24.8

108 15.7 14.9 22.3



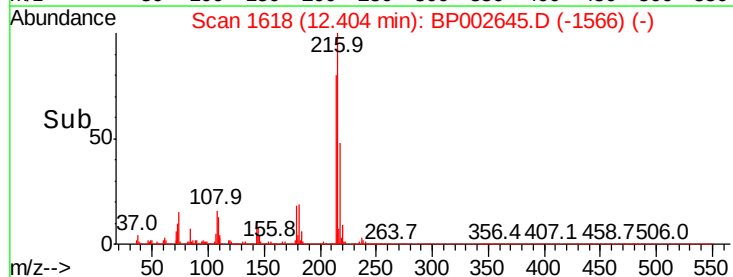
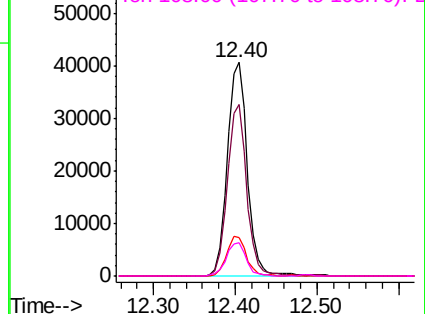
Abundance

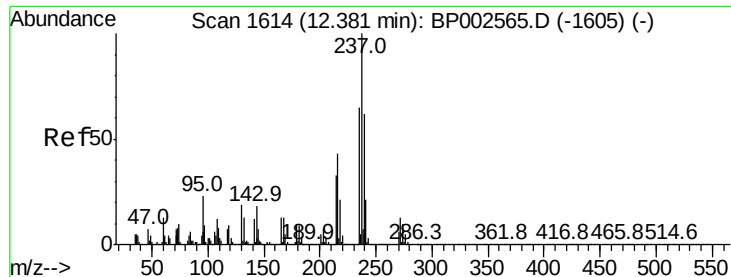
Ion 216.00 (215.70 to 216.70): E

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: 5.734 ng

RT: 12.39 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

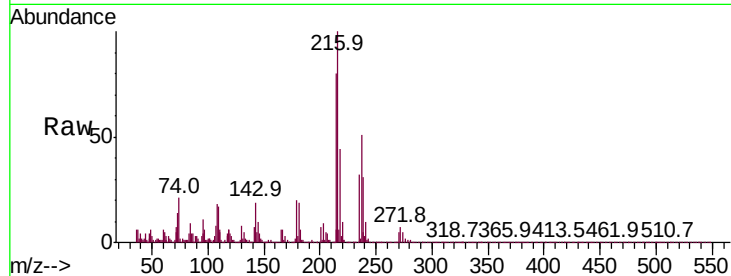
Tot Ion:237 Resp: 11626

Ion Ratio Lower Upper

237 100

235 63.5 45.4 85.4

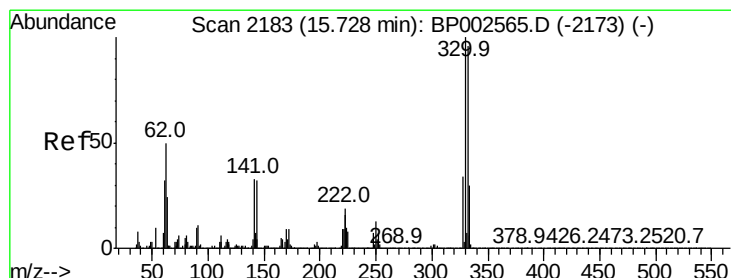
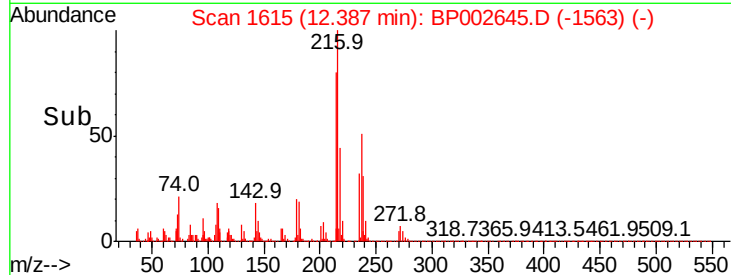
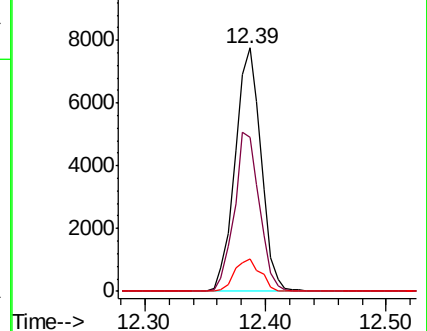
272 13.5 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.802 ng

RT: 15.73 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

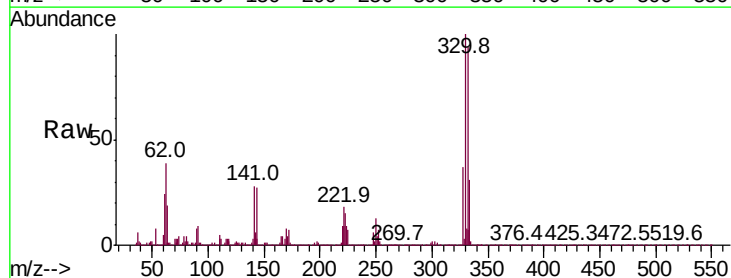
Tgt Ion:330 Resp: 768892

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

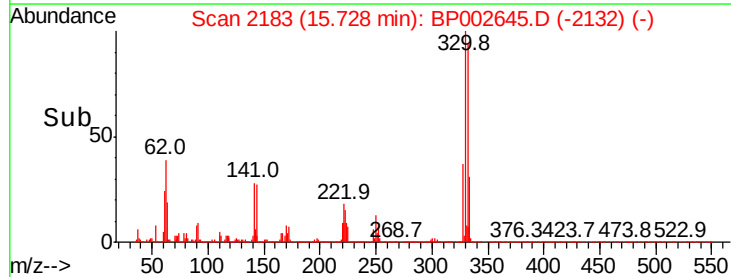
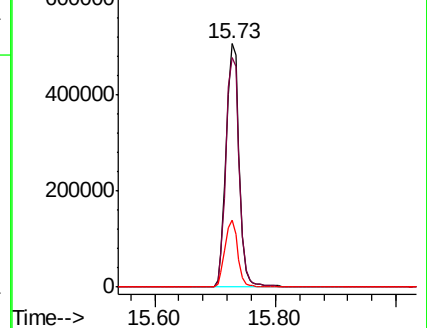
141 27.0 29.0 43.6#

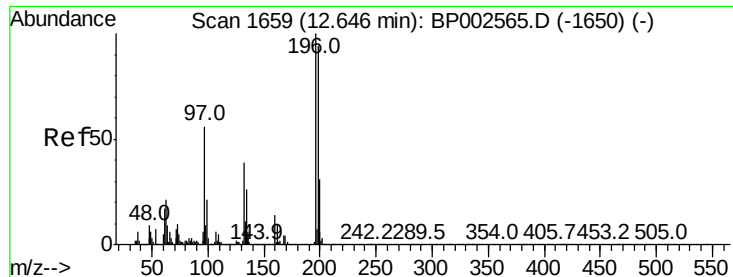


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

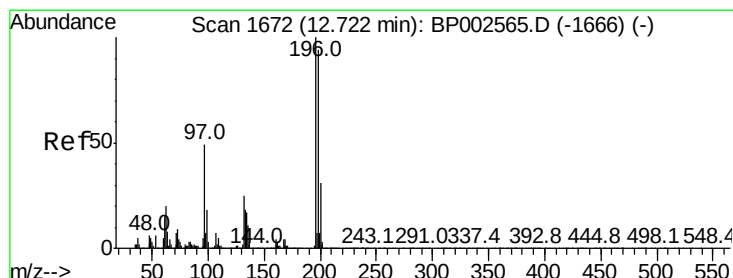
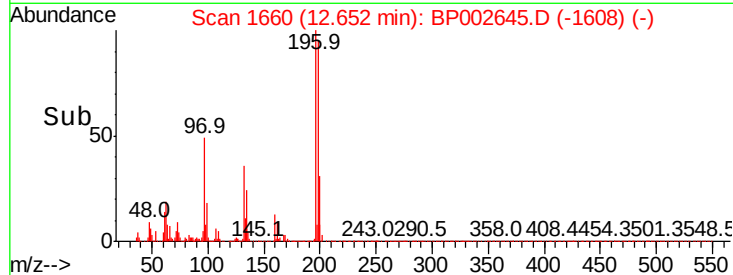
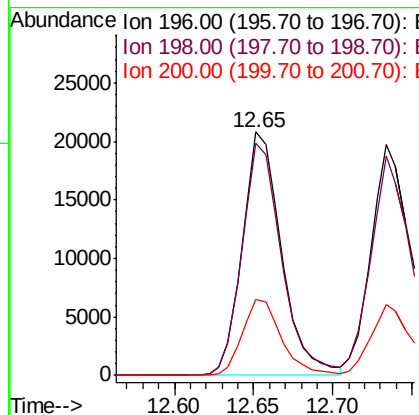
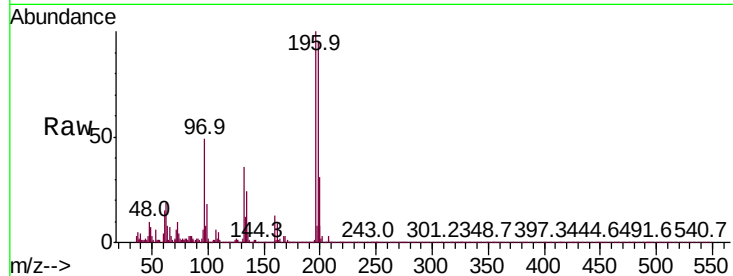




#43
 2,4,6-Trichlorophenol
 Concen: 3.407 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

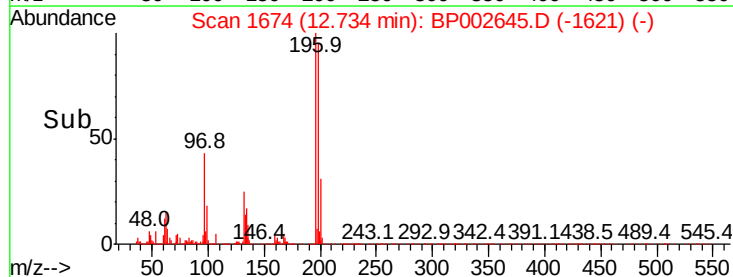
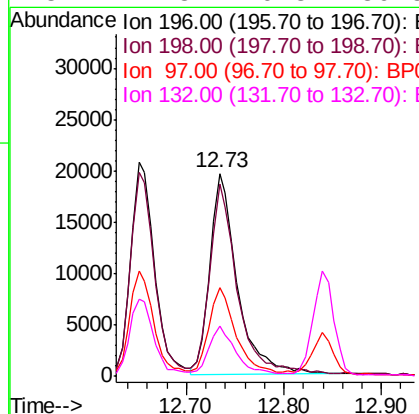
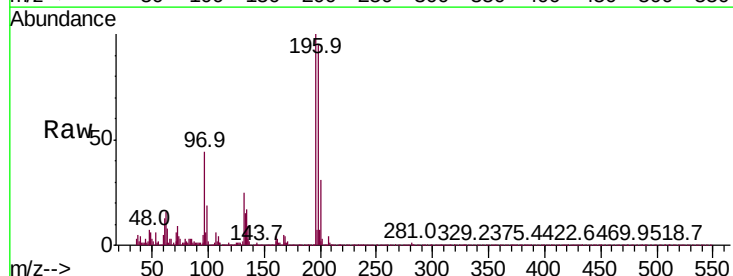
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

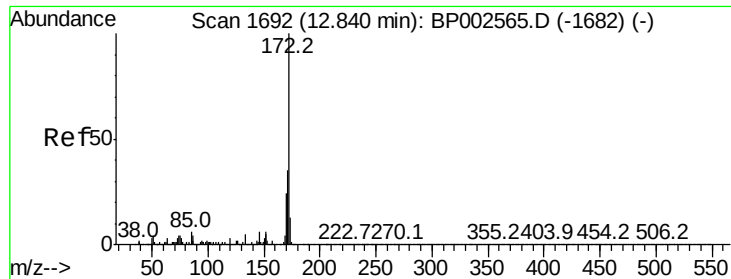
Tot Ion:196 Resp: 35886
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.3 112.9
 200 31.1 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 3.169 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

Tgt Ion:196 Resp: 38428
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.4 113.0
 97 43.5 39.3 58.9
 132 24.8 20.3 30.5

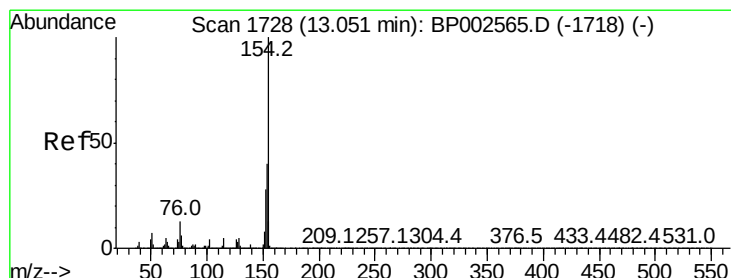
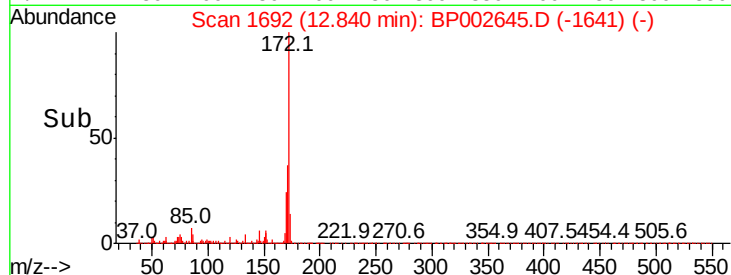
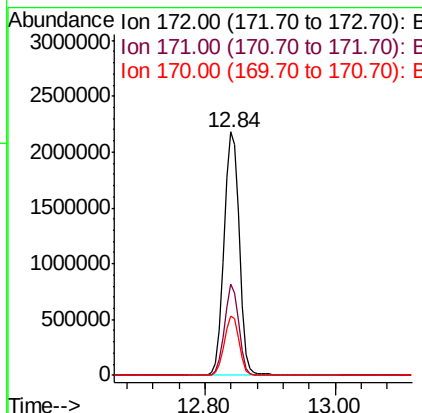
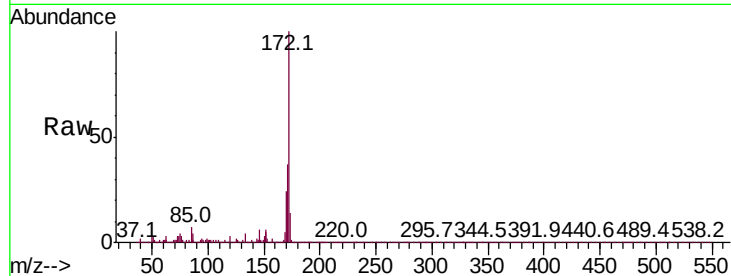




#45
2-Fluorobiphenyl
Concen: 104.670 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

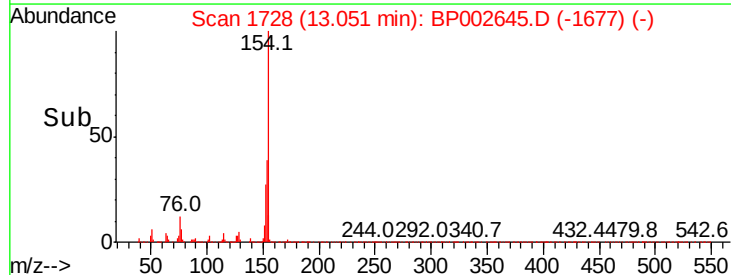
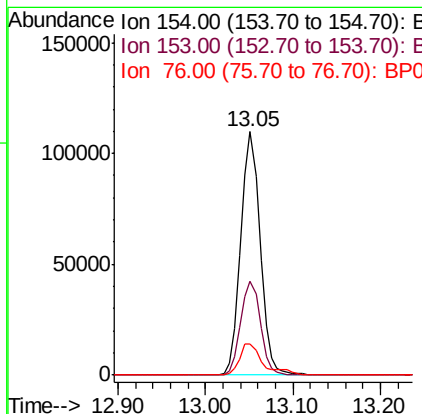
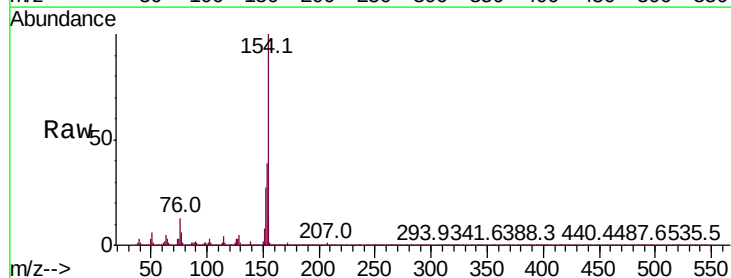
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

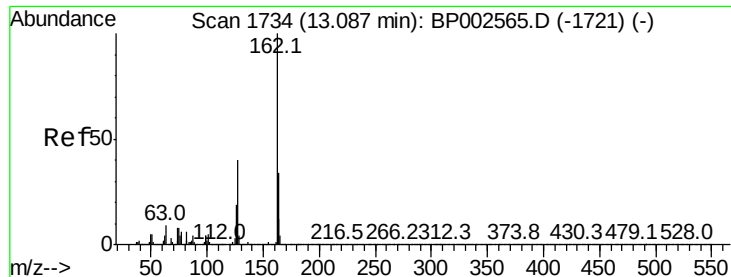
Tot Ion:172 Resp: 3545453
Ion Ratio Lower Upper
172 100
171 37.4 28.0 42.0
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 4.334 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:154 Resp: 163435
Ion Ratio Lower Upper
154 100
153 38.7 20.0 60.0
76 12.5 0.0 33.0





#47

2-Chloronaphthalene

Concen: 3.816 ng

RT: 13.09 min Scan# 1734

Delta R.T. 0.00 min

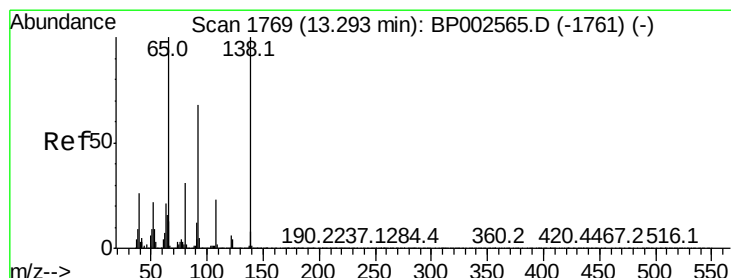
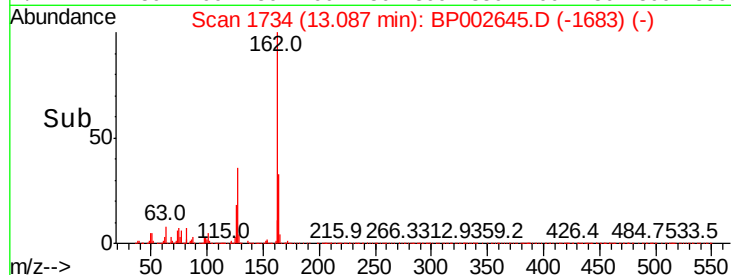
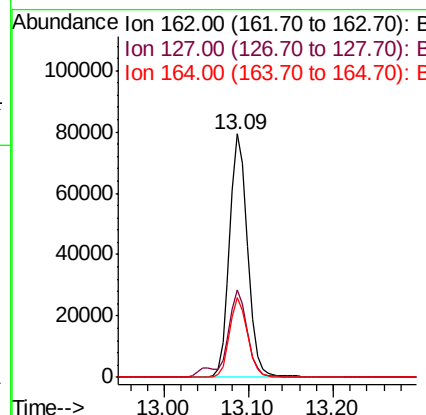
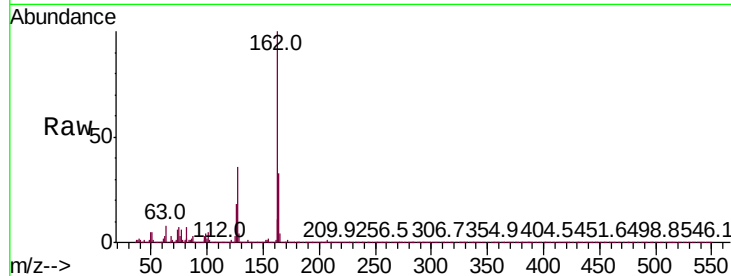
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:162 Resp: 117140

Ion	Ratio	Lower	Upper
162	100		
127	35.8	31.7	47.5
164	32.9	27.3	40.9



#48

2-Nitroaniline

Concen: 2.566 ng

RT: 13.30 min Scan# 1771

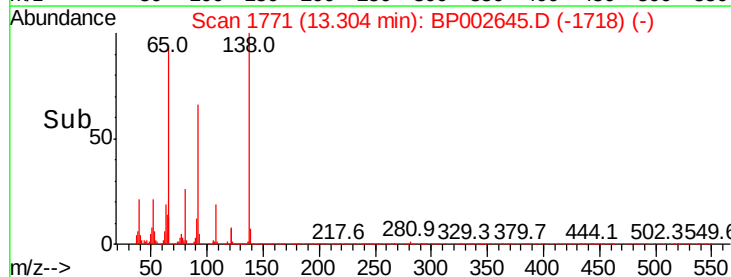
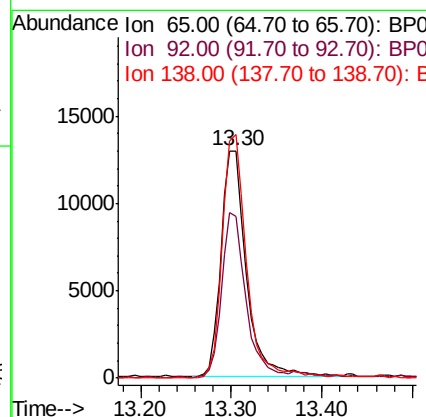
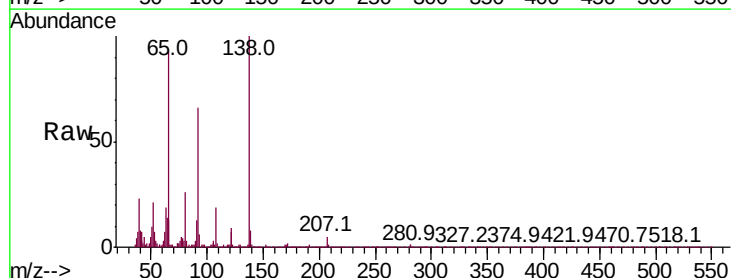
Delta R.T. 0.01 min

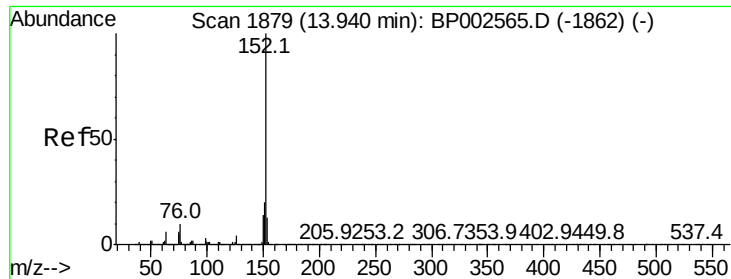
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion: 65 Resp: 25127

Ion	Ratio	Lower	Upper
65	100		
92	70.8	54.2	81.4
138	107.0	79.8	119.8





#49

Acenaphthylene

Concen: 3.700 ng

RT: 13.94 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

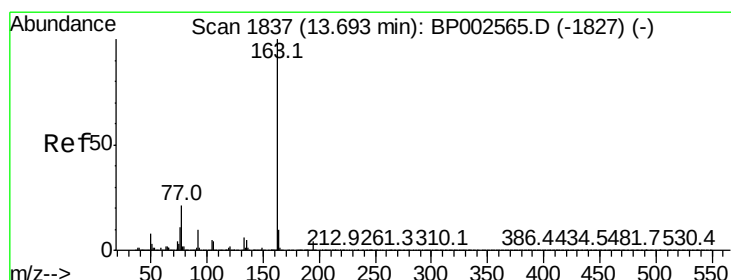
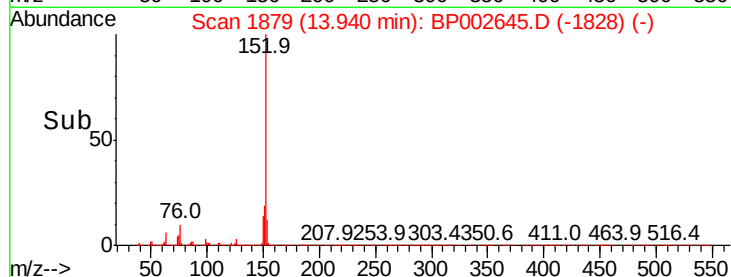
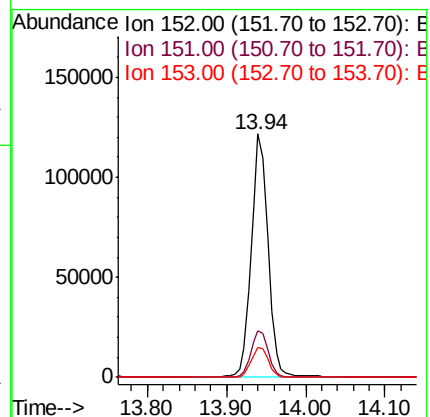
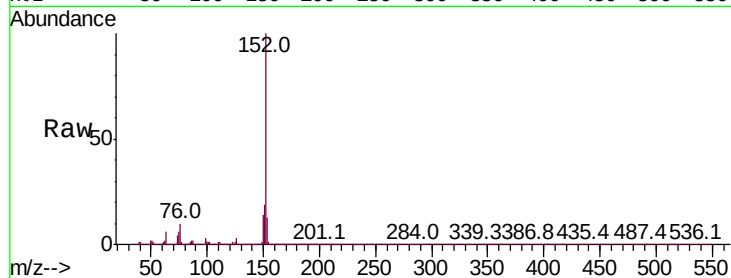
Tot Ion:152 Resp: 178748

Ion Ratio Lower Upper

152 100

151 18.9 15.7 23.5

153 12.5 10.2 15.2



#50

Dimethylphthalate

Concen: 3.414 ng

RT: 13.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

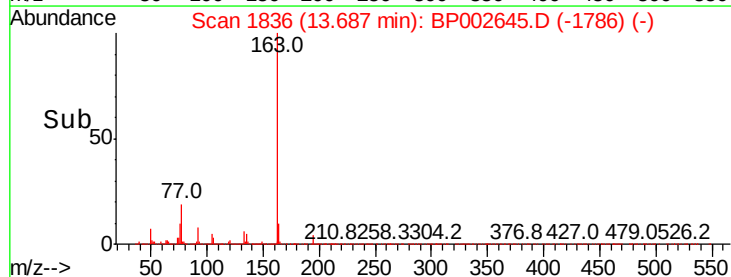
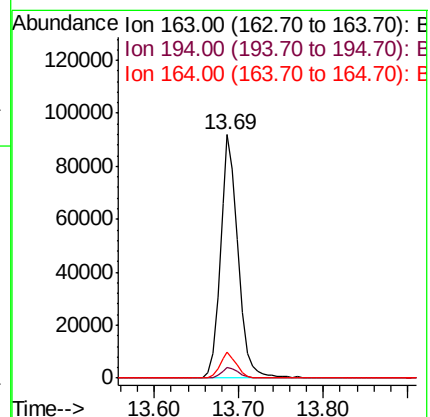
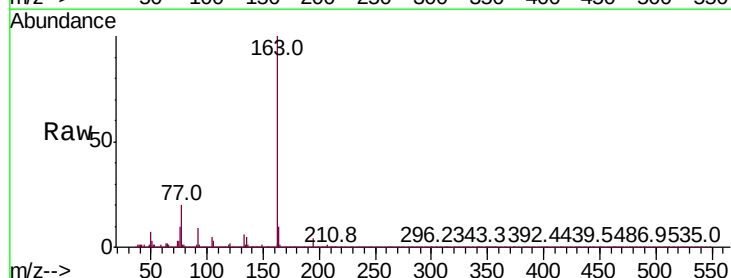
Tgt Ion:163 Resp: 133666

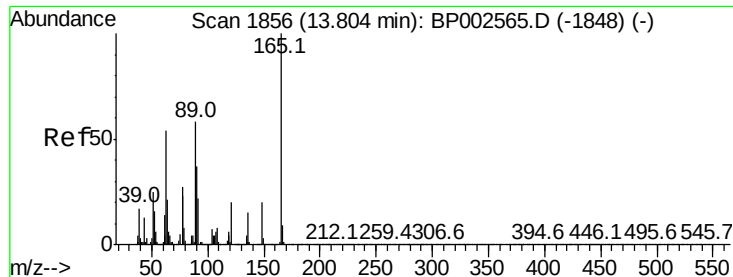
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.949 ng

RT: 13.80 min Scan# 1856

Delta R.T. 0.00 min

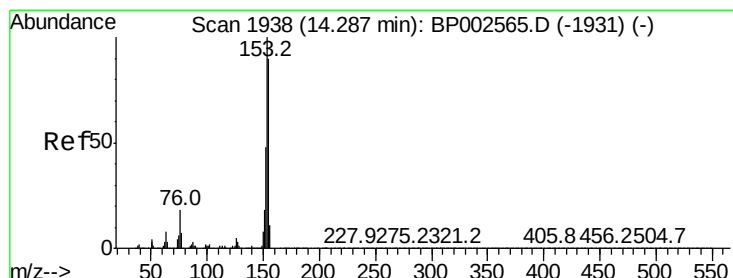
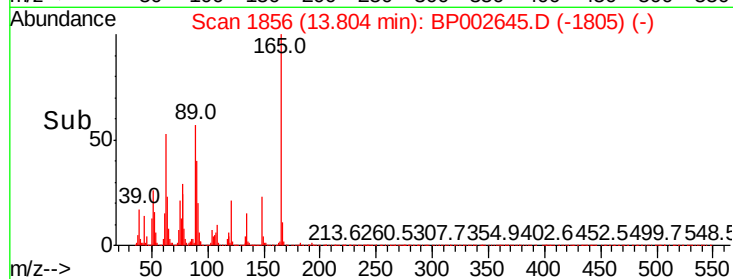
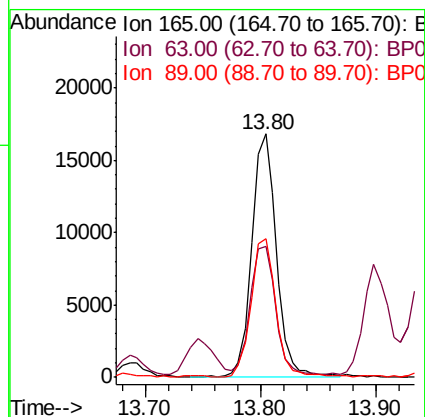
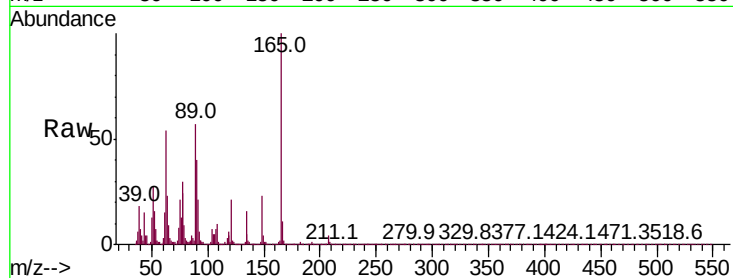
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:165 Resp: 24938

Ion	Ratio	Lower	Upper
165	100		
63	53.6	46.6	69.8
89	57.1	46.3	69.5



#52

Acenaphthene

Concen: 3.747 ng

RT: 14.29 min Scan# 1938

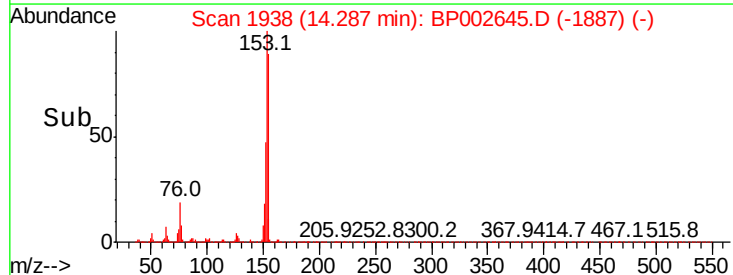
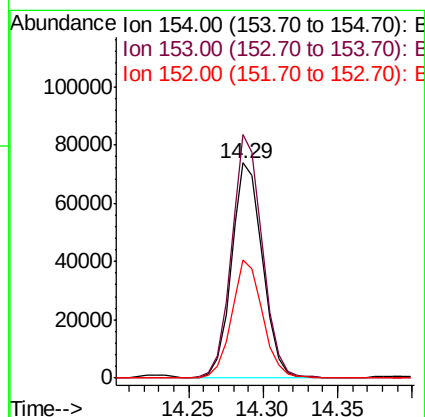
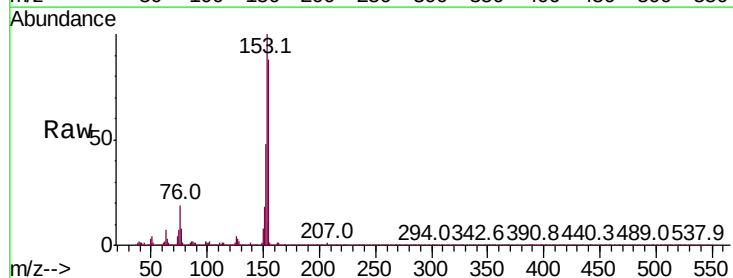
Delta R.T. 0.00 min

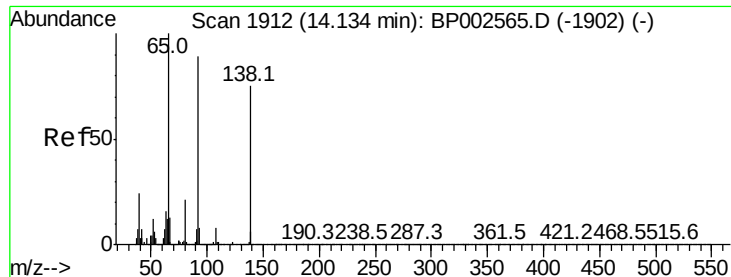
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:154 Resp: 106806

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.1	133.7
152	54.8	43.2	64.8

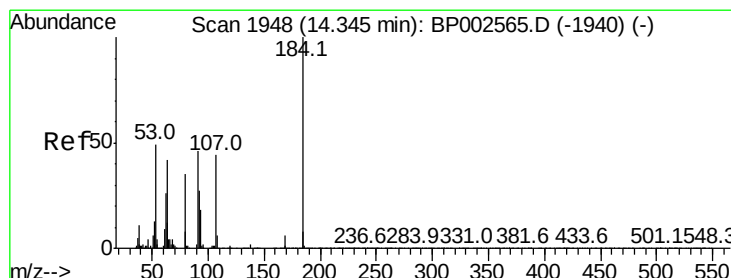
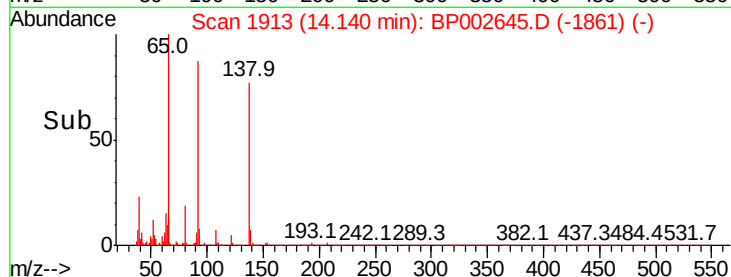
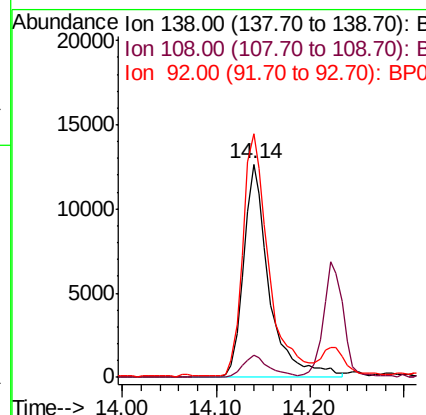
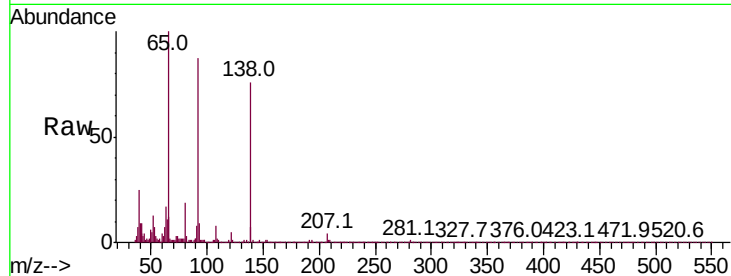




#53
3-Nitroaniline
Concen: 2.583 ng
RT: 14.14 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

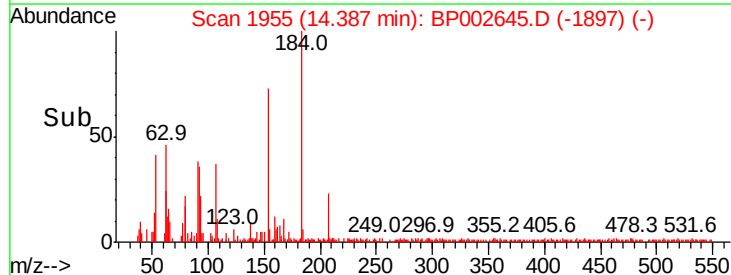
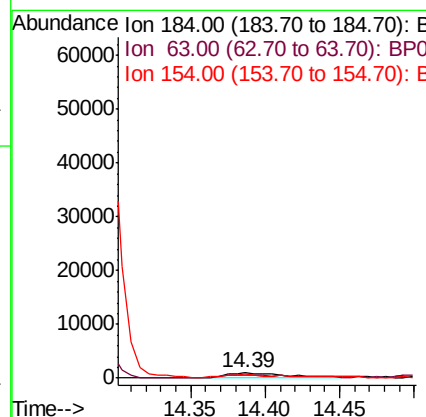
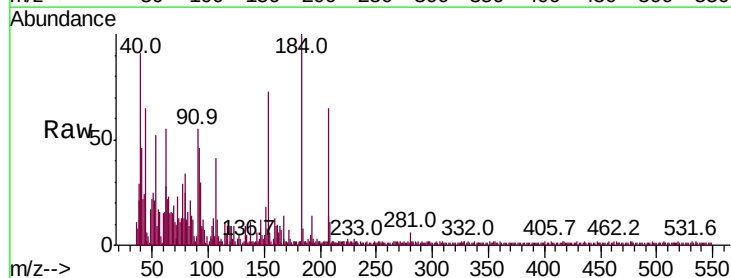
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

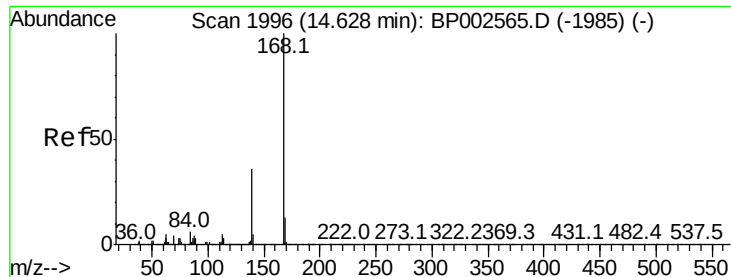
Tot Ion:138 Resp: 23782
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 114.2 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 6.497 ng
RT: 14.39 min Scan# 1955
Delta R.T. 0.04 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:184 Resp: 2780
Ion Ratio Lower Upper
184 100
63 55.1 56.2 84.2#
154 72.6 50.9 76.3

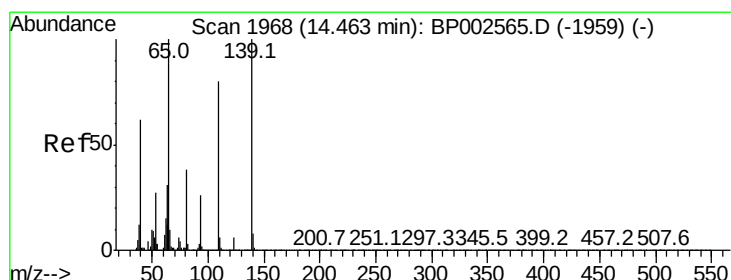
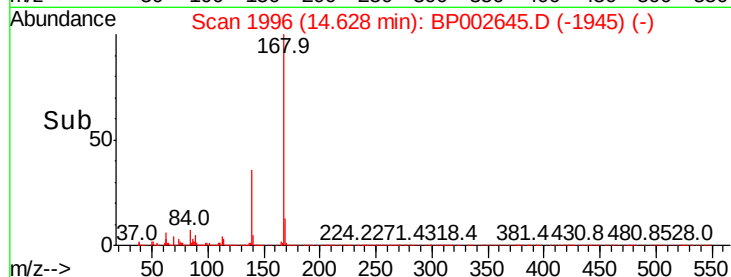
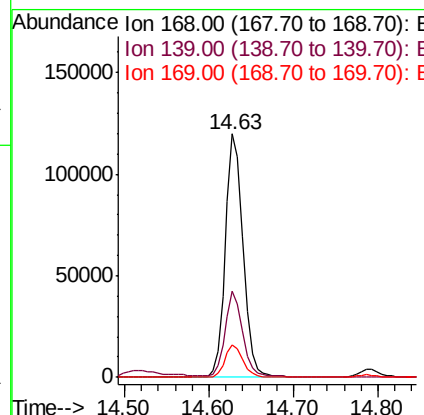
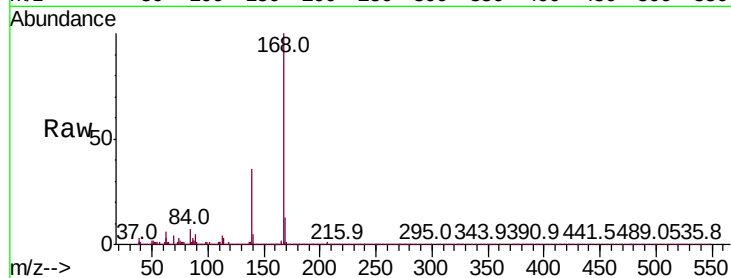




#55
Dibenzofuran
Concen: 3.816 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

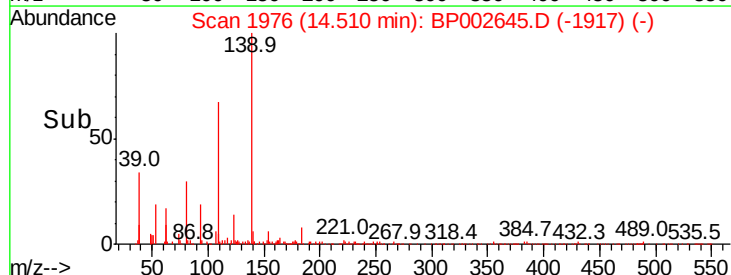
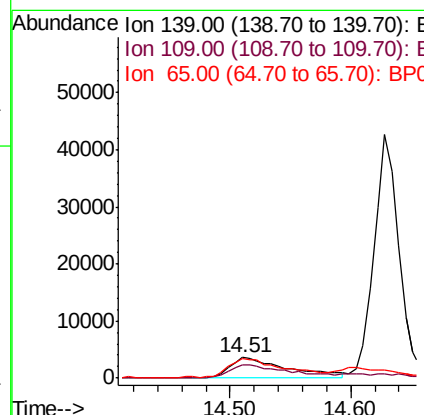
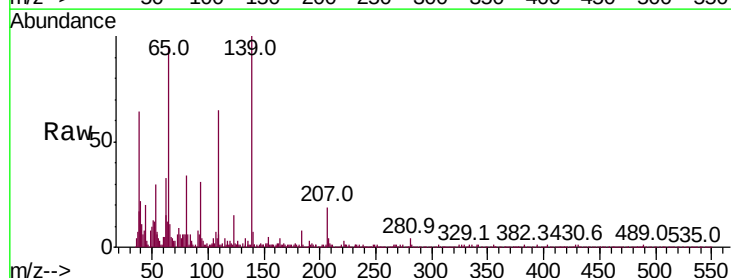
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

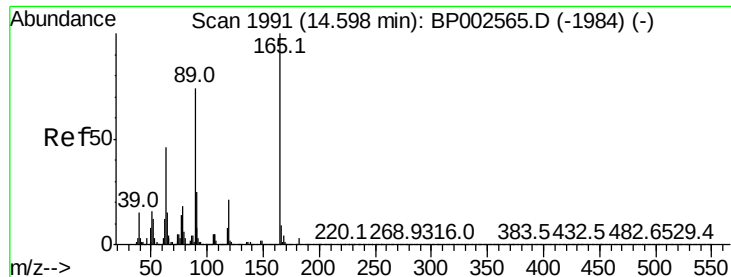
Tot Ion:168 Resp: 176261
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 4.011 ng
RT: 14.51 min Scan# 1976
Delta R.T. 0.05 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:139 Resp: 11808
Ion Ratio Lower Upper
139 100
109 64.6 60.1 100.1
65 94.6 80.3 120.3

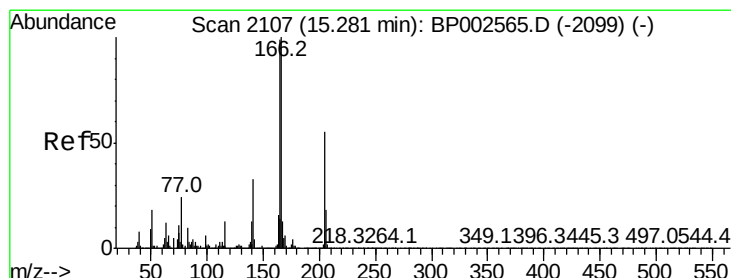
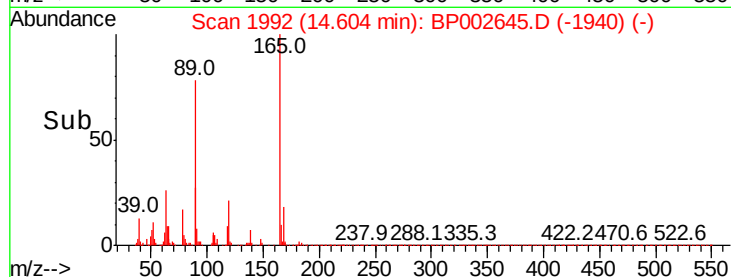
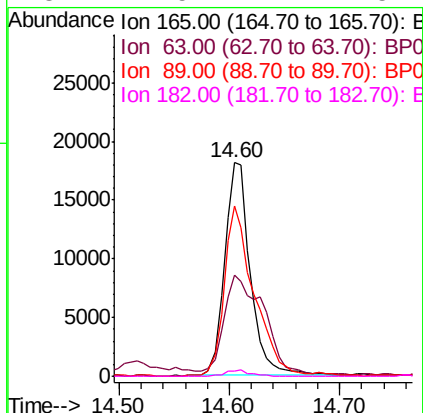
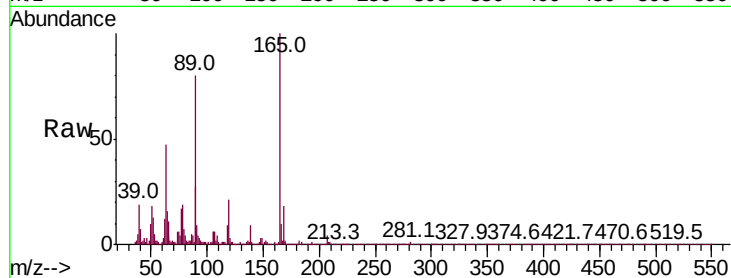




#57
2,4-Dinitrotoluene
Concen: 2.591 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

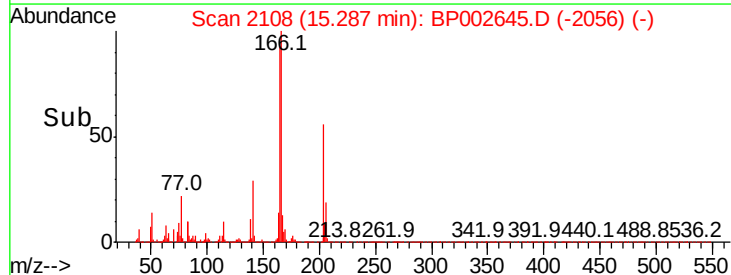
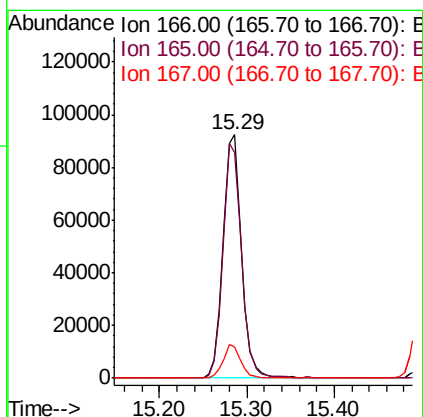
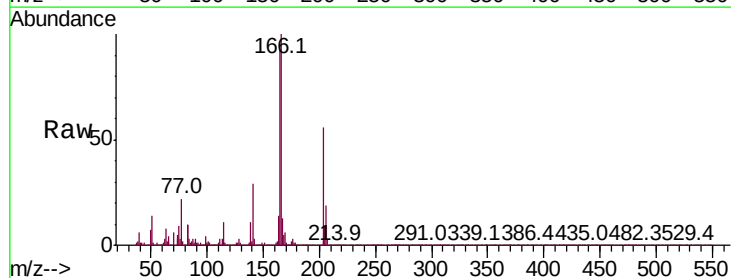
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

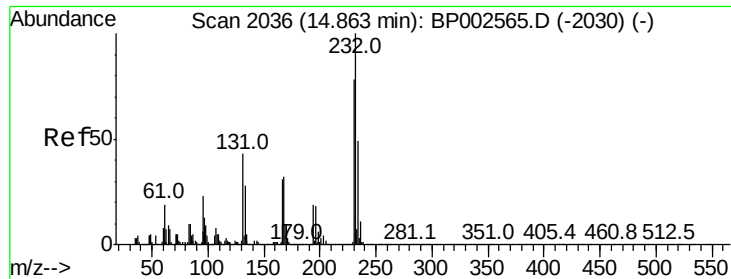
Tot Ion:165 Resp: 29471
Ion Ratio Lower Upper
165 100
63 47.1 37.3 55.9
89 79.9 59.4 89.0
182 2.5 2.2 3.2



#58
Fluorene
Concen: 3.857 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:166 Resp: 135684
Ion Ratio Lower Upper
166 100
165 92.9 79.1 118.7
167 12.6 10.8 16.2

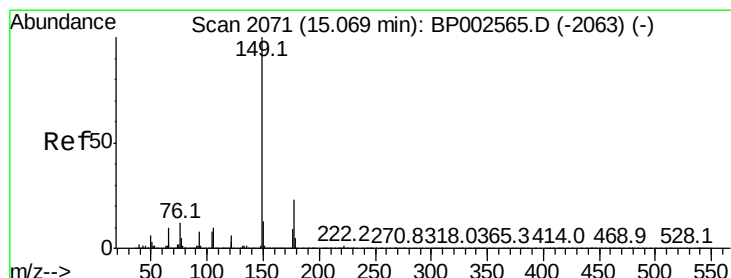
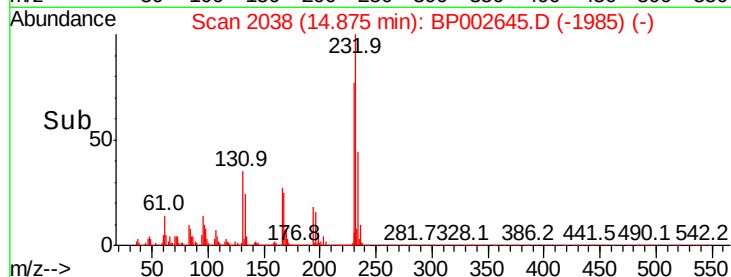
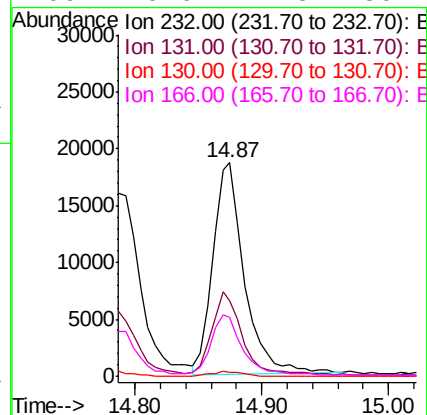
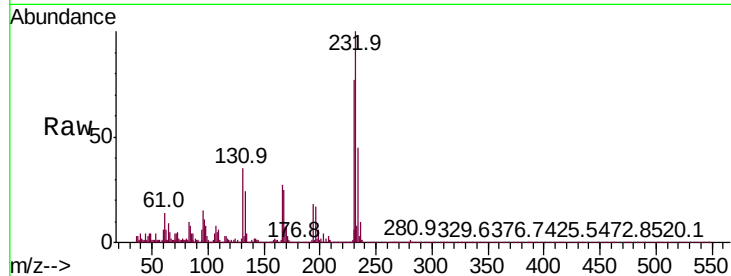




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.257 ng
 RT: 14.87 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

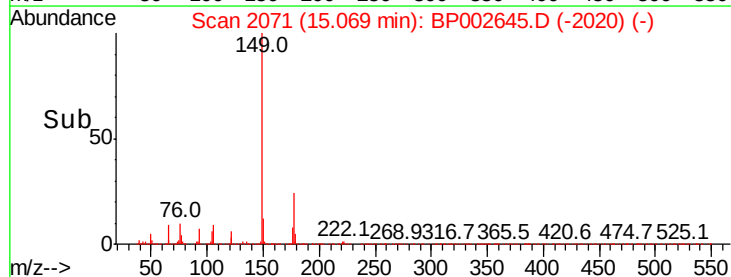
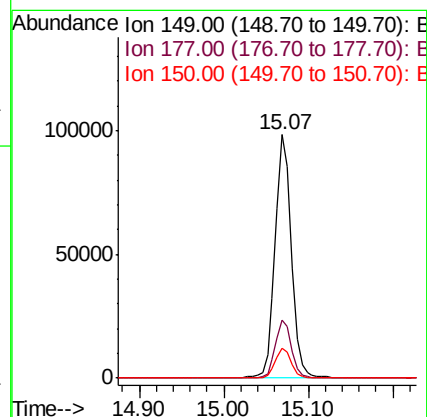
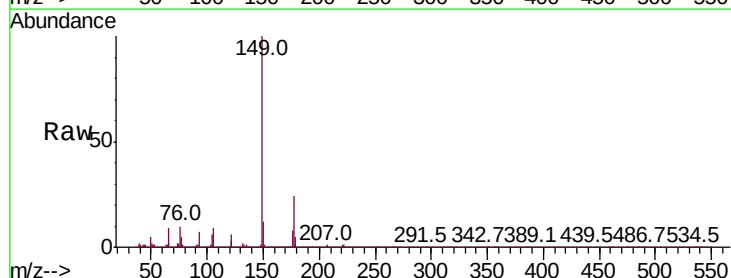
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

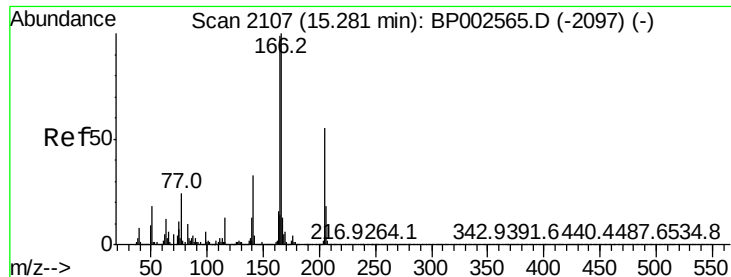
Tot Ion:232	Resp:	31906
Ion	Ratio	Lower Upper
232	100	
131	37.1	34.4 51.6
130	2.2	1.8 2.6
166	29.6	24.5 36.7



#60
 Diethylphthalate
 Concen: 3.362 ng
 RT: 15.07 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

Tgt Ion:149	Resp:	130899
Ion	Ratio	Lower Upper
149	100	
177	23.7	18.6 27.8
150	12.3	10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 3.934 ng

RT: 15.29 min Scan# 2108

Delta R.T. 0.01 min

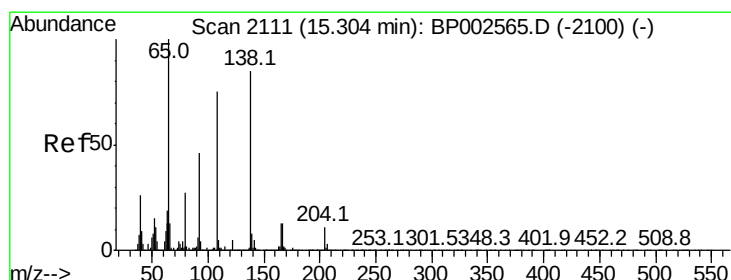
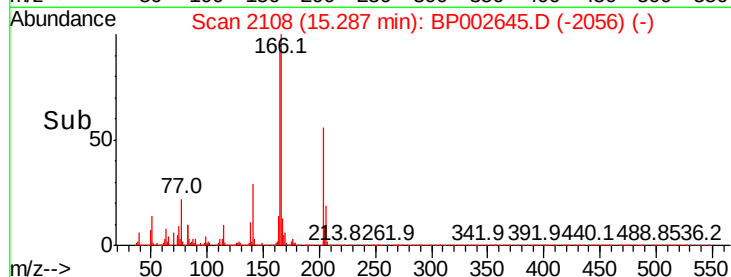
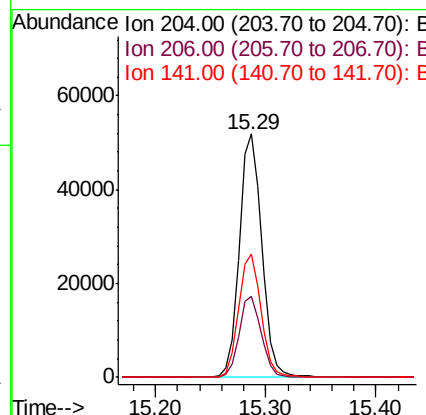
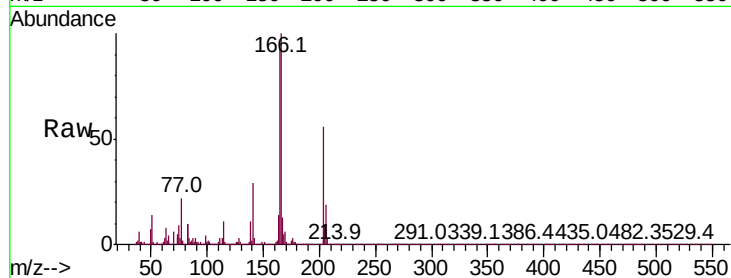
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:204 Resp: 74221

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	50.8	47.7	71.5



#62

4-Nitroaniline

Concen: 2.434 ng

RT: 15.31 min Scan# 2112

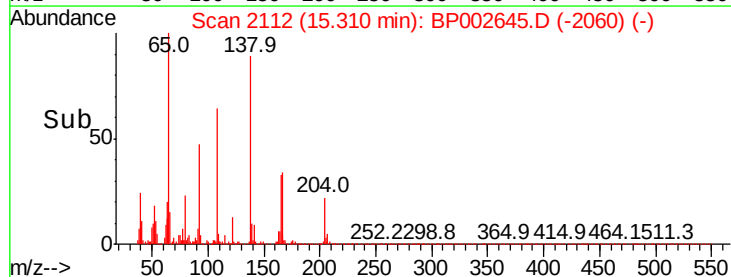
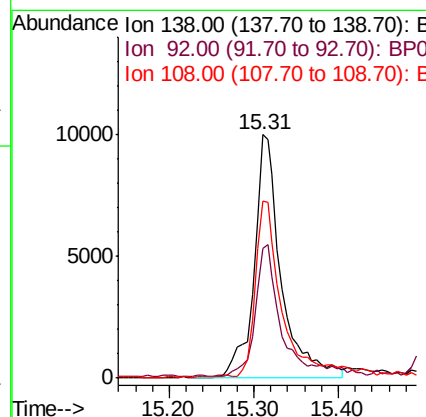
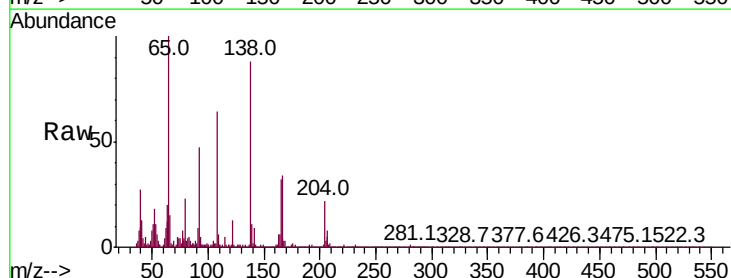
Delta R.T. 0.01 min

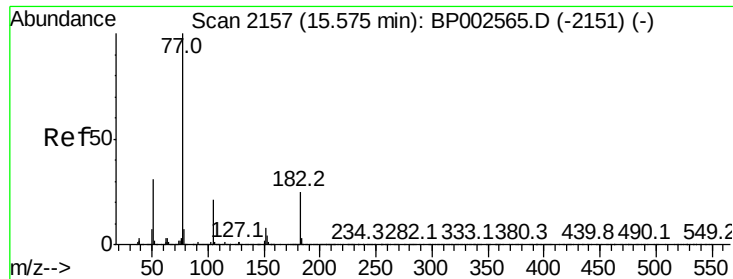
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:138 Resp: 22398

Ion	Ratio	Lower	Upper
138	100		
92	53.4	33.9	73.9
108	72.7	67.8	107.8





#63

Azobenzene

Concen: 3.203 ng

RT: 15.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 77 Resp: 120579

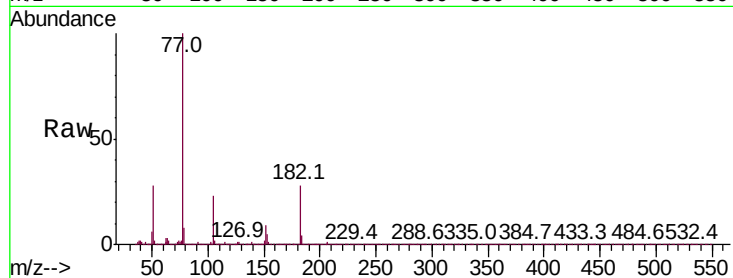
Ion	Ratio	Lower	Upper
77	100		
182	28.5	4.7	44.7
105	22.5	0.6	40.6
51	28.0	11.2	51.2

77 100

182 28.5 4.7 44.7

105 22.5 0.6 40.6

51 28.0 11.2 51.2

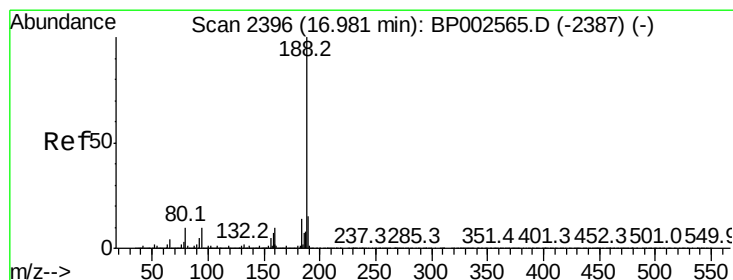
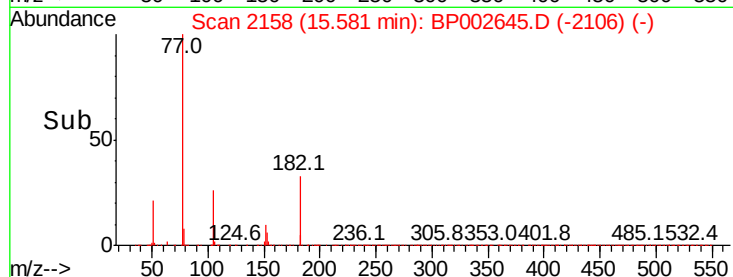
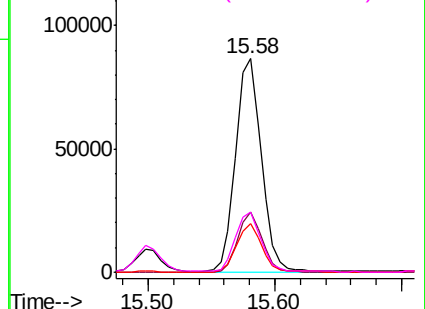


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

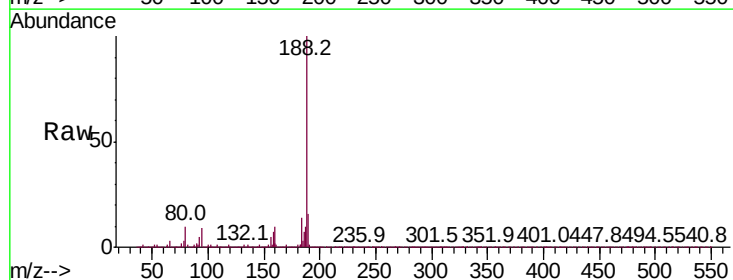
Tgt Ion: 188 Resp: 1049786

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.8	8.2	12.4

188 100

94 8.9 7.8 11.6

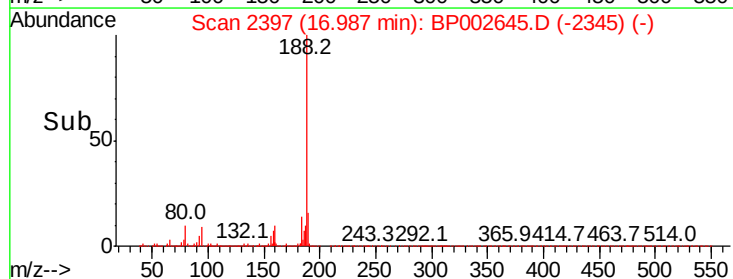
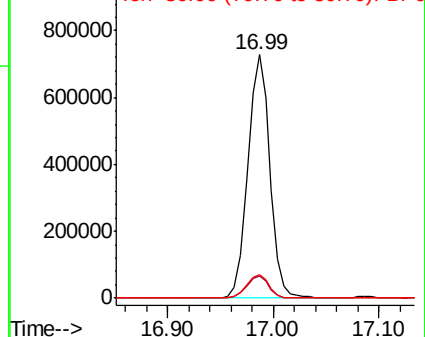
80 9.8 8.2 12.4

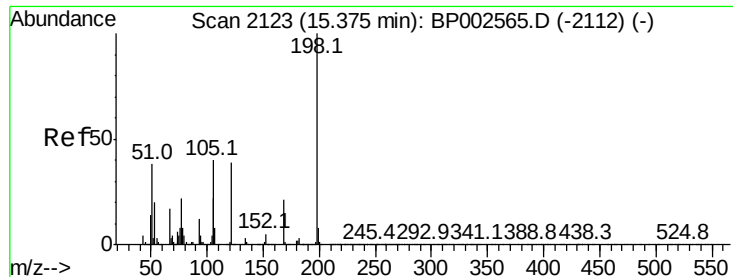


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

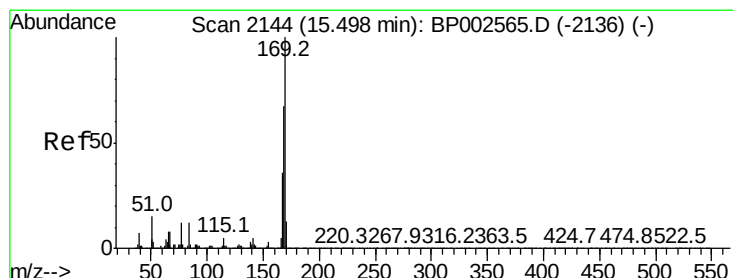
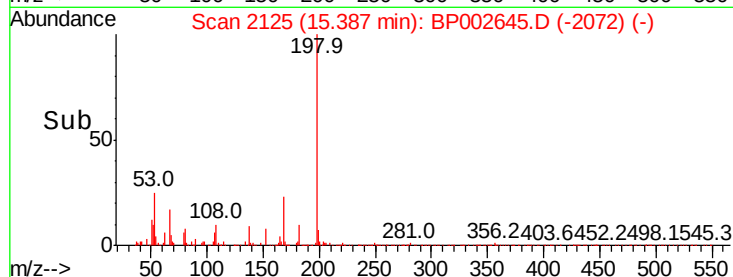
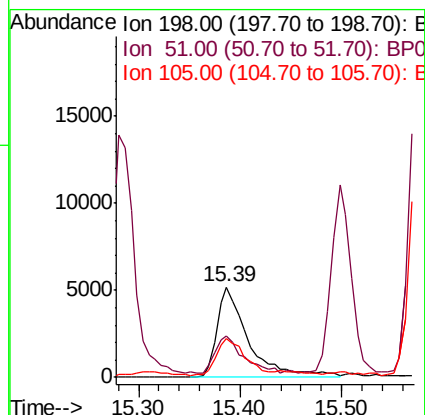
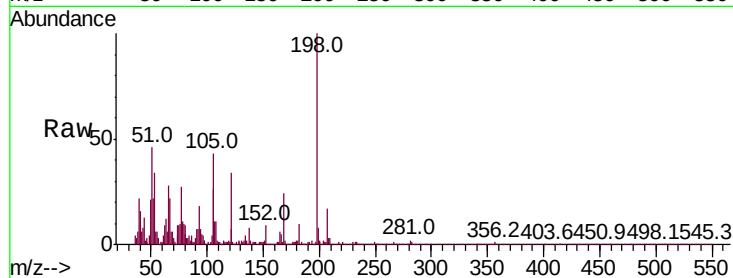




#65
4,6-Dinitro-2-methylphenol
Concen: 4.274 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

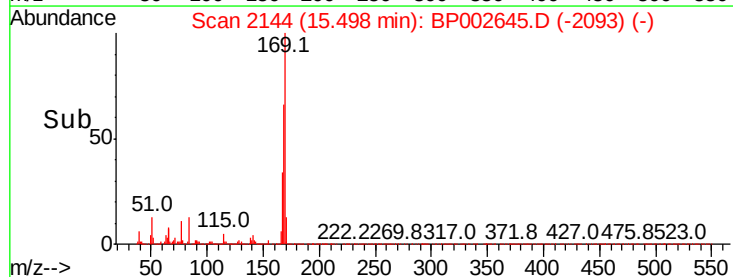
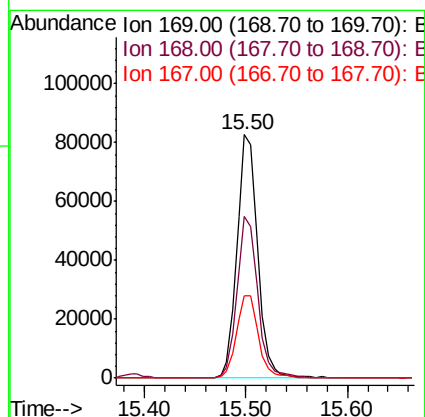
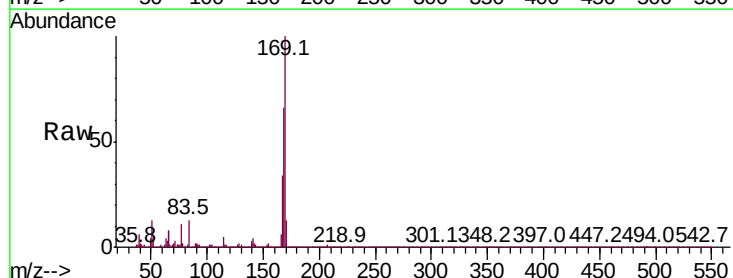
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

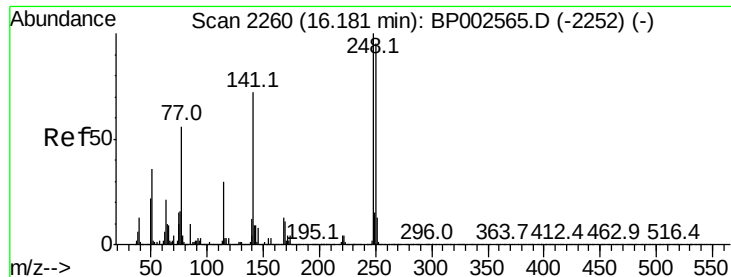
Tot Ion:198 Resp: 11201
Ion Ratio Lower Upper
198 100
51 46.4 24.2 64.2
105 43.2 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 3.824 ng
RT: 15.50 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:169 Resp: 117188
Ion Ratio Lower Upper
169 100
168 66.2 53.5 80.3
167 34.0 29.1 43.7

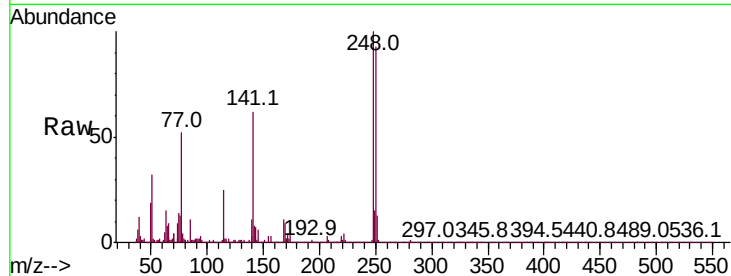




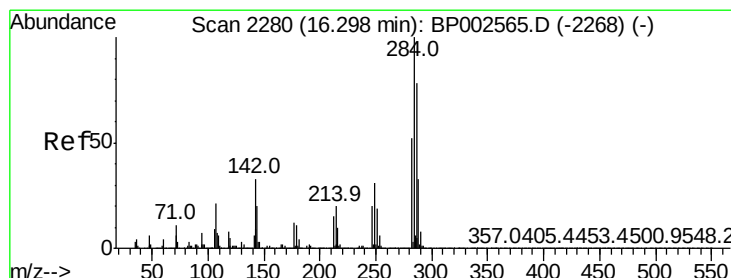
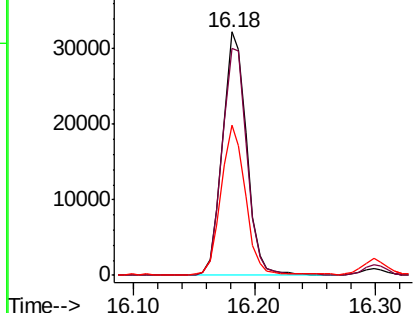
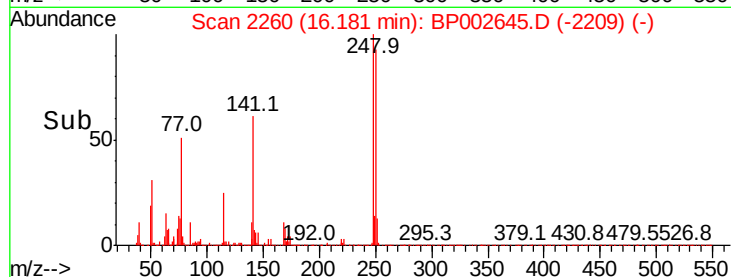
#67
4-Bromophenyl-phenylether
Concen: 3.771 ng
RT: 16.18 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:248 Resp: 44481
Ion Ratio Lower Upper
248 100
250 93.4 76.1 114.1
141 61.7 57.8 86.6

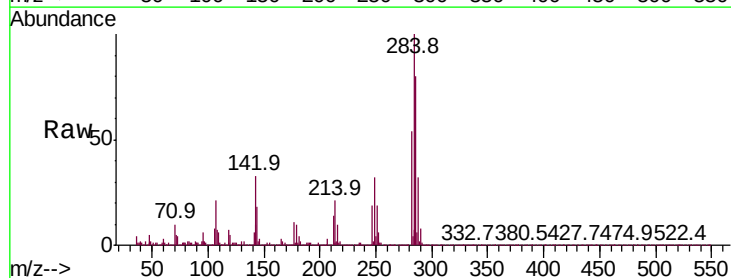


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

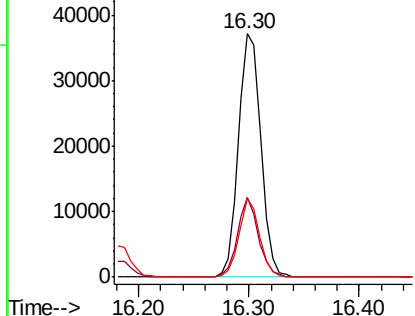
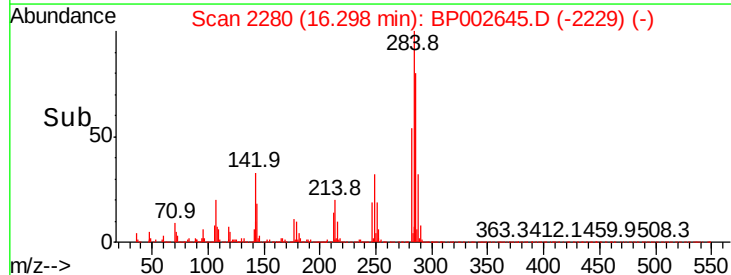


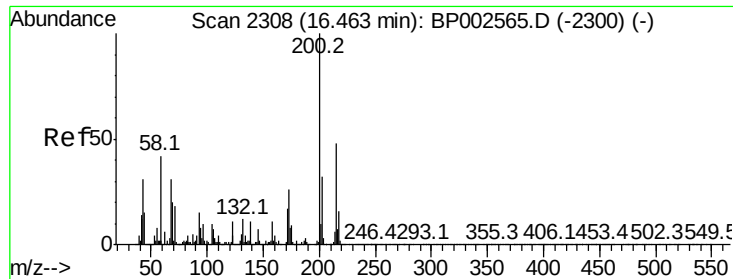
#68
Hexachlorobenzene
Concen: 4.216 ng
RT: 16.30 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:284 Resp: 53278
Ion Ratio Lower Upper
284 100
142 32.7 26.6 40.0
249 32.4 25.1 37.7



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: 4.266 ng

RT: 16.46 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

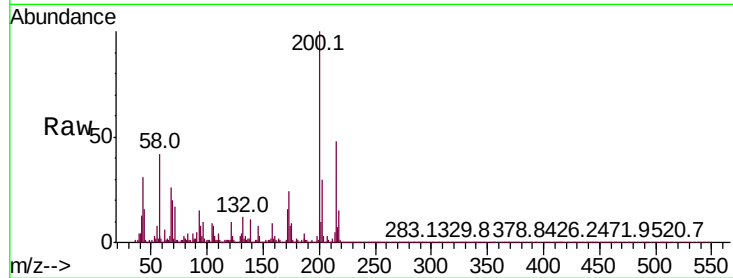
BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:200 Resp: 41950

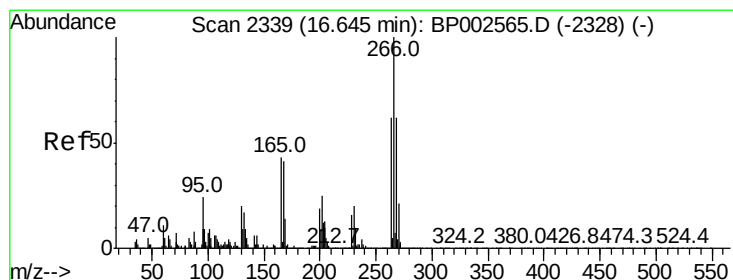
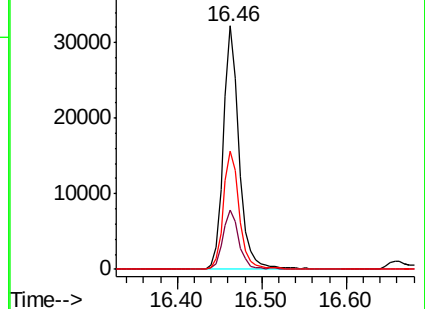
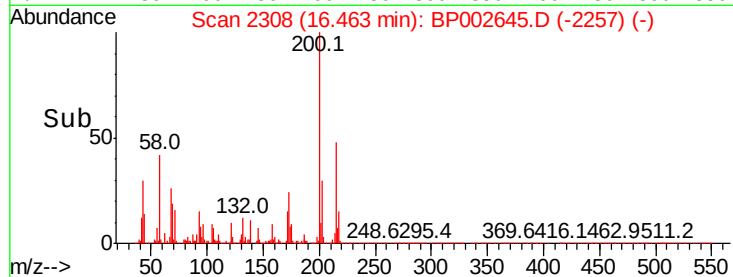
Ion	Ratio	Lower	Upper
200	100		
173	24.5	6.3	46.3
215	48.4	28.3	68.3



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: 4.474 ng

RT: 16.66 min Scan# 2342

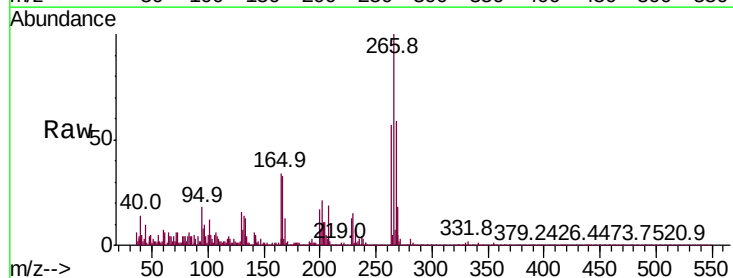
Delta R.T. 0.02 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:266 Resp: 13538

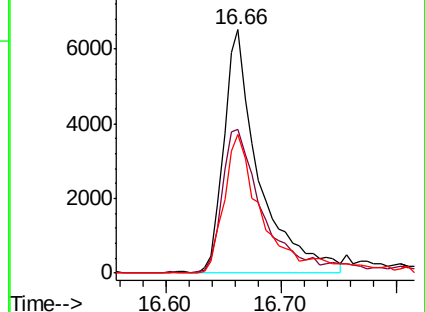
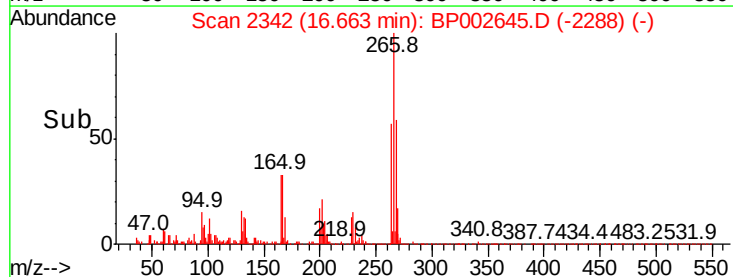
Ion	Ratio	Lower	Upper
266	100		
268	59.2	49.7	74.5
264	57.1	49.3	73.9

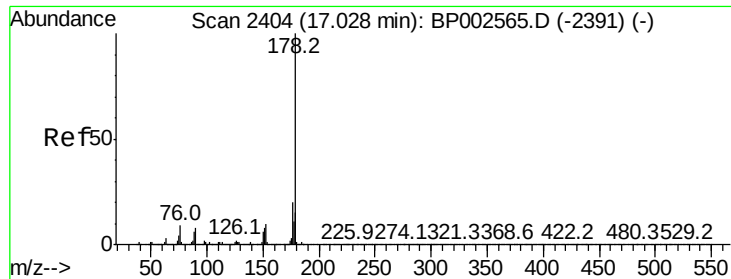


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 3.930 ng

RT: 17.03 min Scan# 2404

Delta R.T. 0.00 min

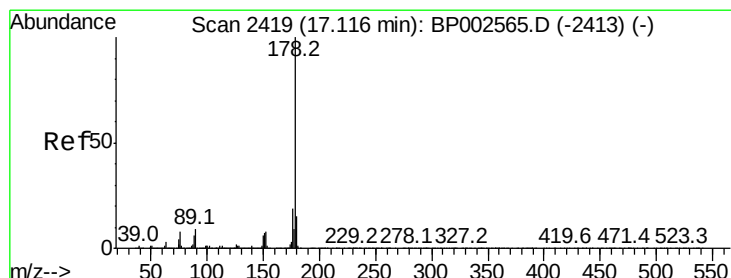
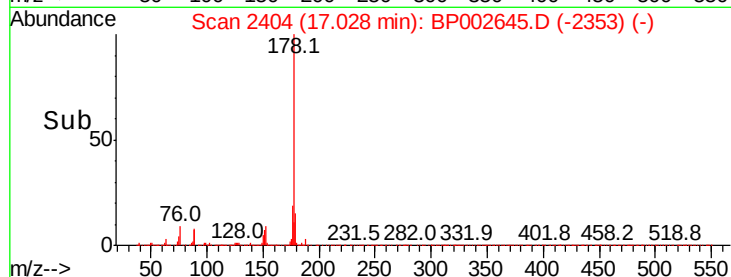
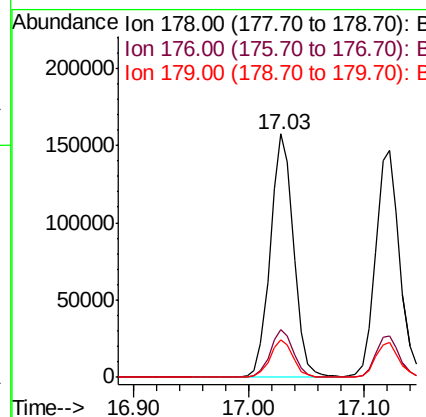
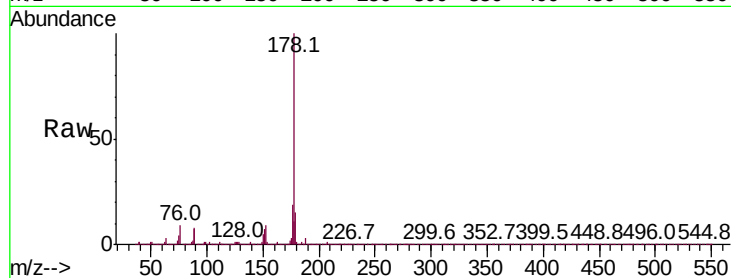
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:178 Resp: 221961

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.2	12.1	18.1



#72

Anthracene

Concen: 3.847 ng

RT: 17.12 min Scan# 2420

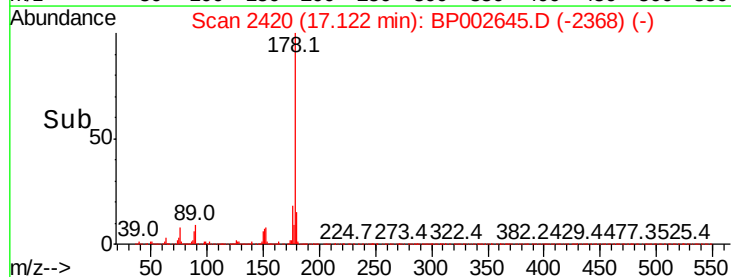
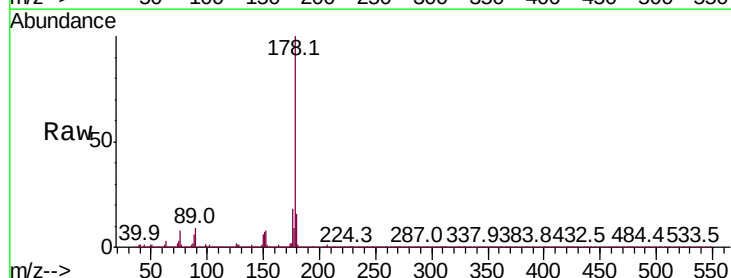
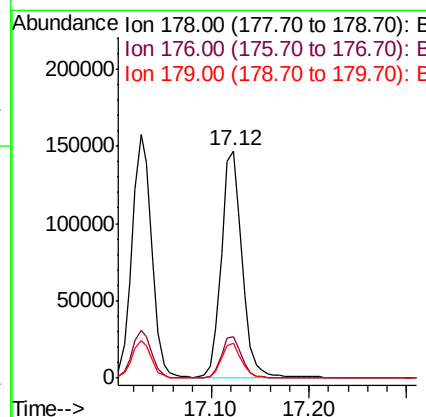
Delta R.T. 0.01 min

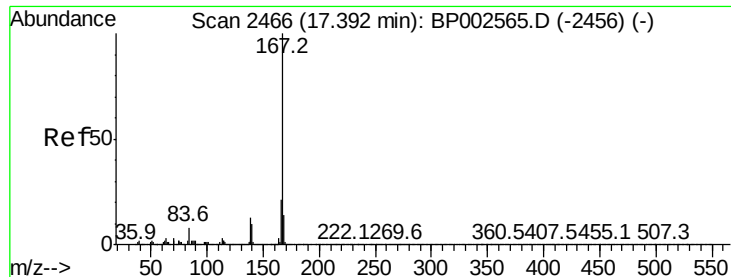
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:178 Resp: 216245

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.2	18.2

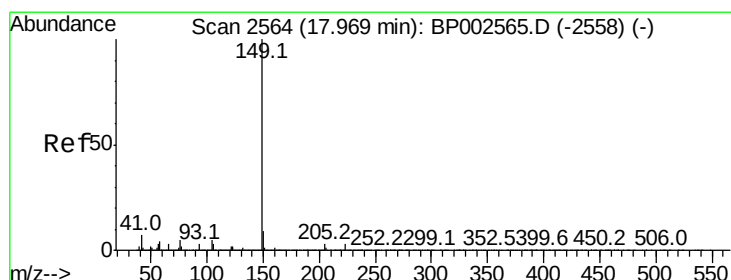
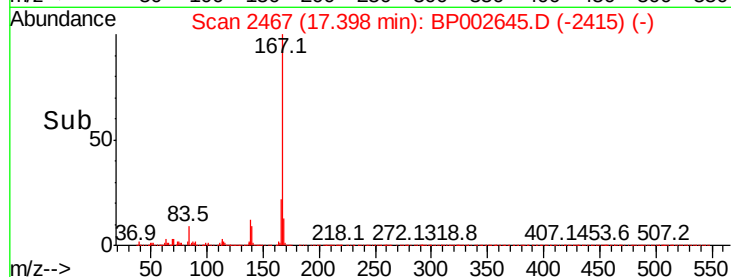
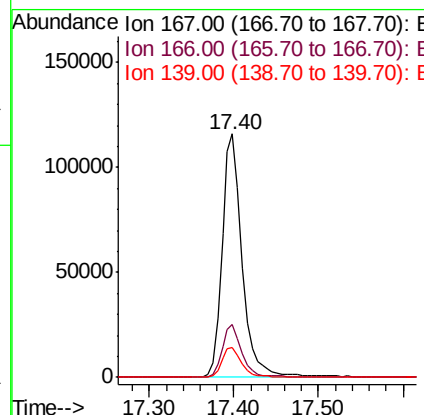
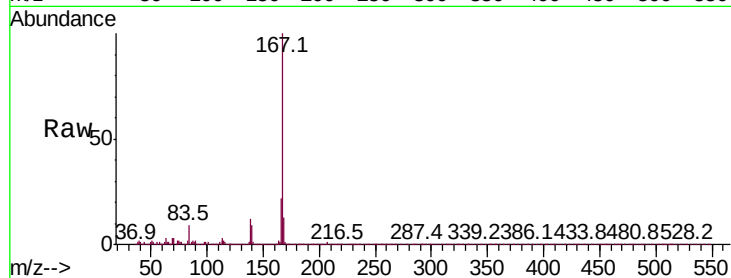




#73
 Carbazole
 Concen: 3.533 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

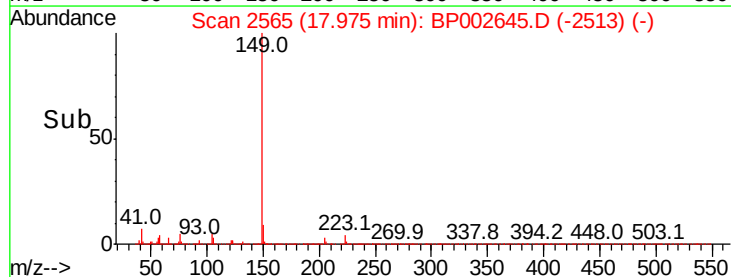
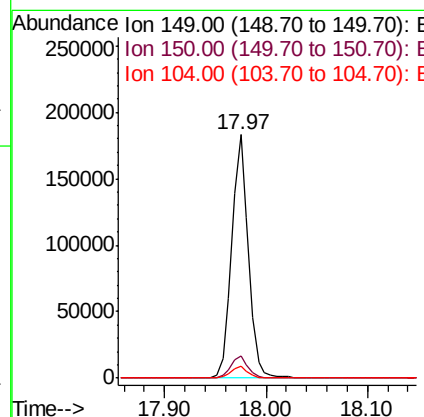
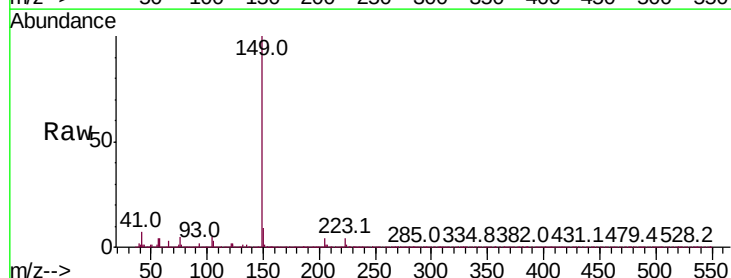
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

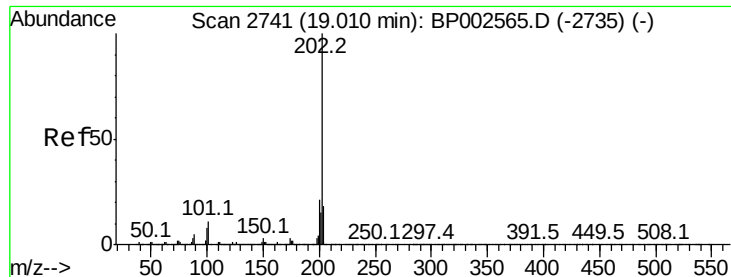
Tot Ion:	167	Resp:	191897
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.2	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 3.244 ng
 RT: 17.97 min Scan# 2565
 Delta R.T. 0.01 min
 Lab File: BP002645.D
 Acq: 06 Jul 2020 15:28

Tgt Ion:	149	Resp:	207521
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 3.712 ng

RT: 19.02 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

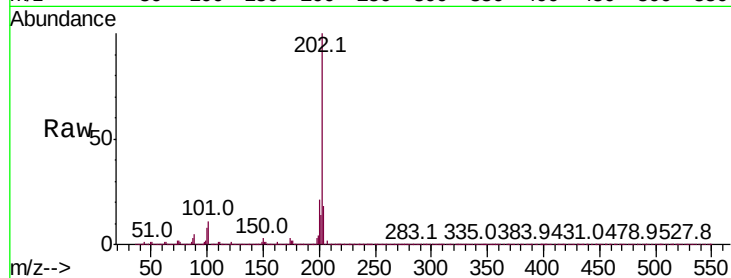
Tot Ion:202 Resp: 253772

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.6

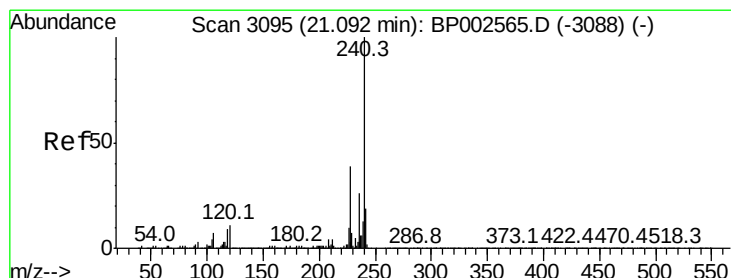
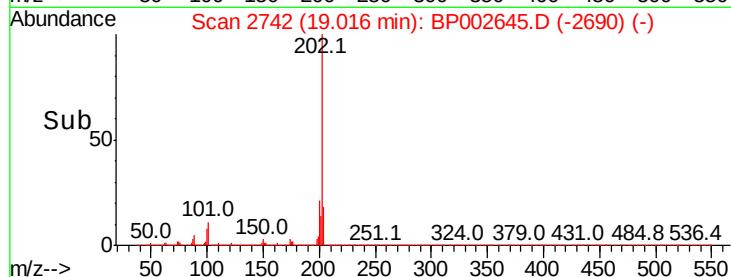
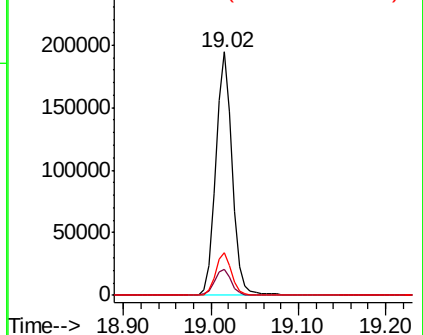
203 17.6 0.0 37.7



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: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

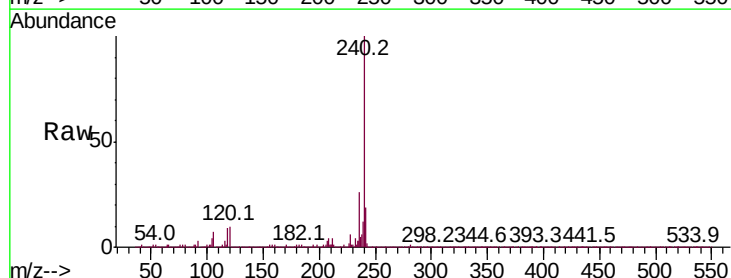
Tgt Ion:240 Resp: 1140136

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

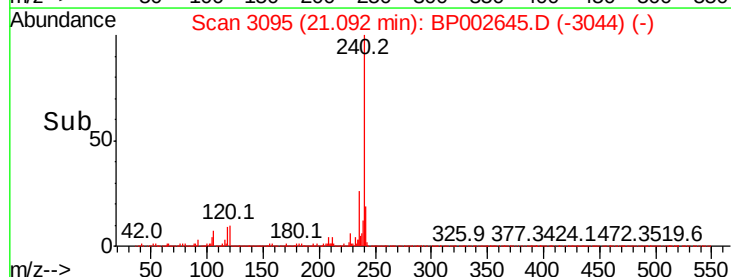
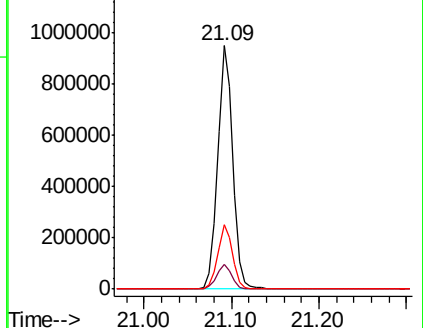
236 26.4 20.8 31.2

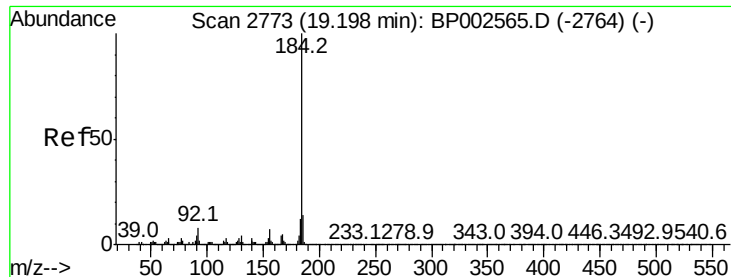


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.742 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

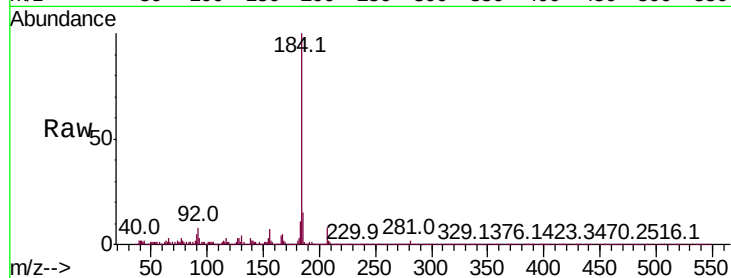
BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:184 Resp: 103414

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.4	17.2
183	10.9	9.2	13.8

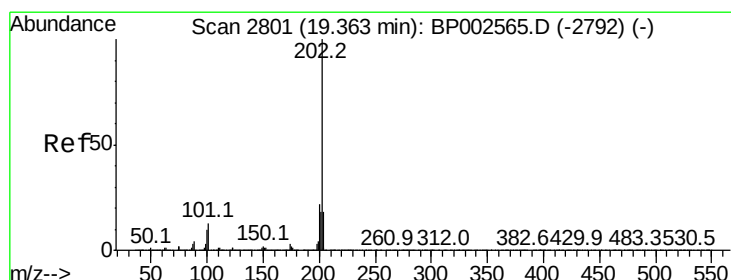
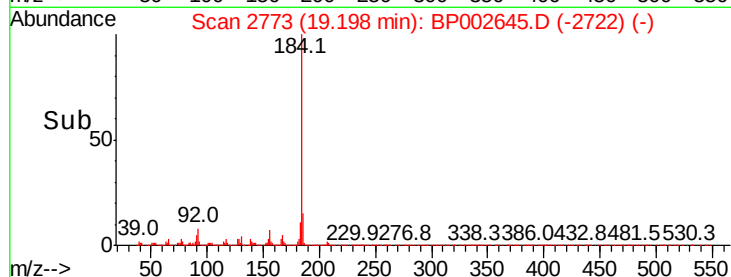
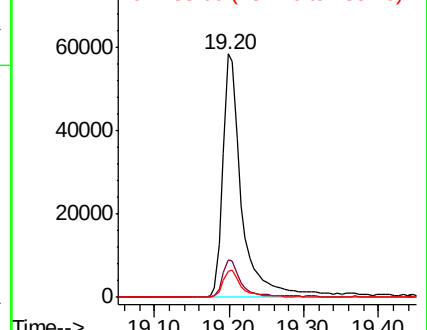


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.467 ng

RT: 19.37 min Scan# 2802

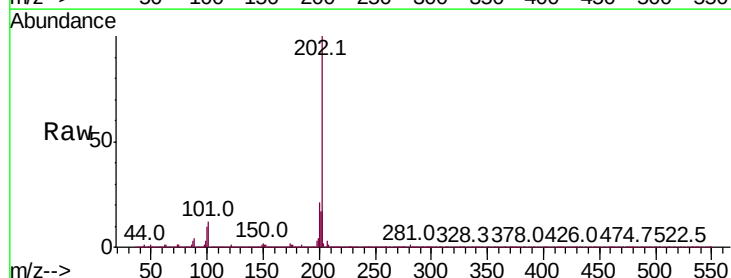
Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:202 Resp: 269092

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.5	14.4	21.6

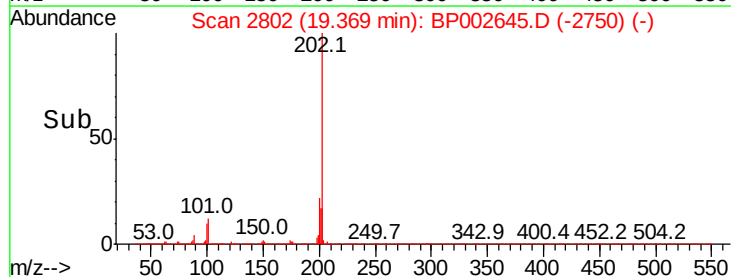
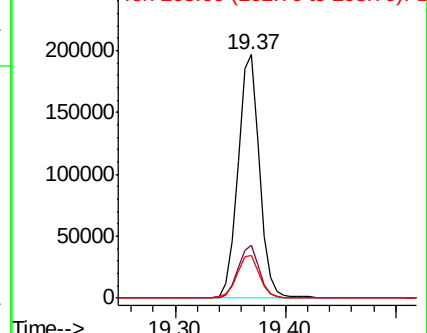


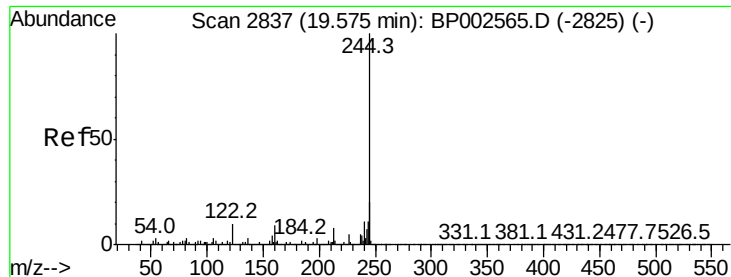
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.650 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

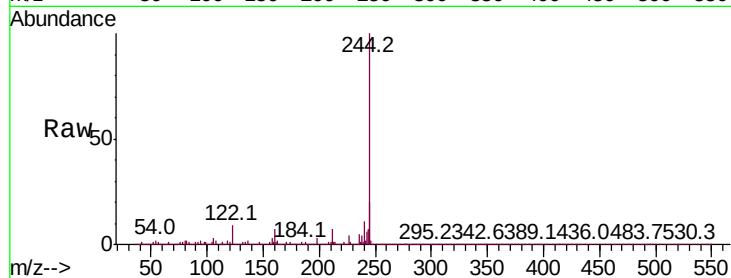
Tot Ion:244 Resp: 4576971

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

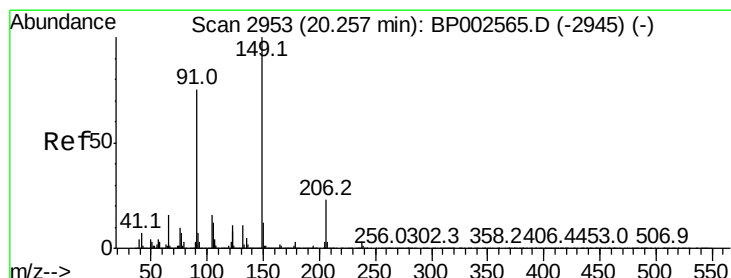
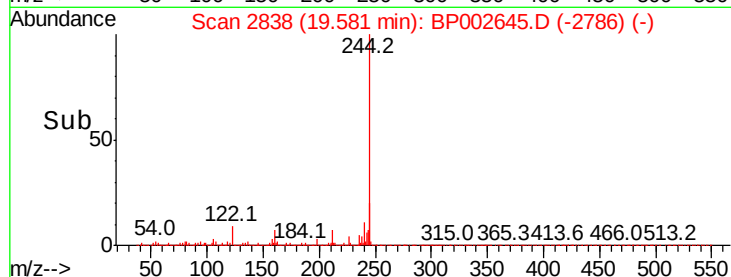
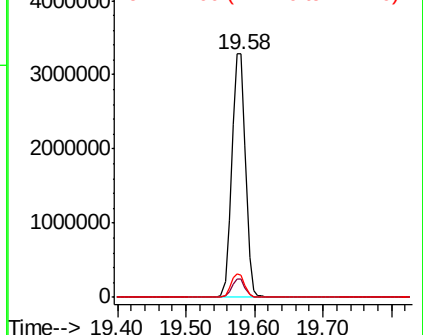
122 9.1 7.9 11.9



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: 2.710 ng

RT: 20.26 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

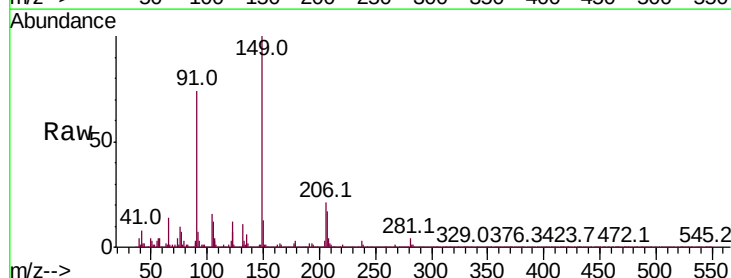
Tgt Ion:149 Resp: 91816

Ion Ratio Lower Upper

149 100

91 73.7 59.8 89.6

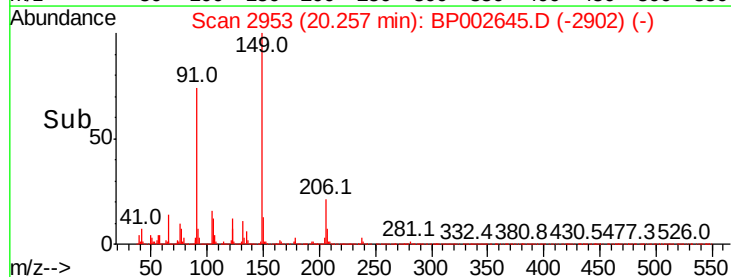
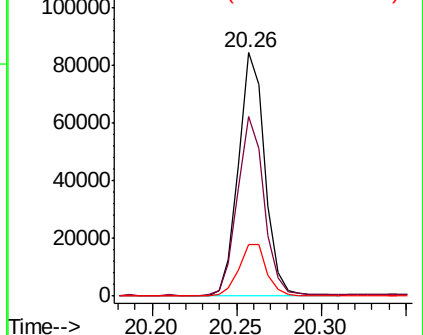
206 21.3 18.2 27.4

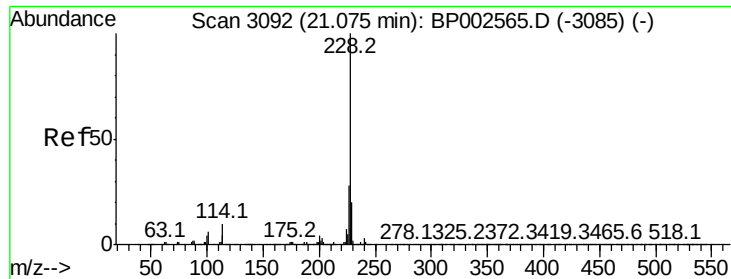


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.717 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP002645.D

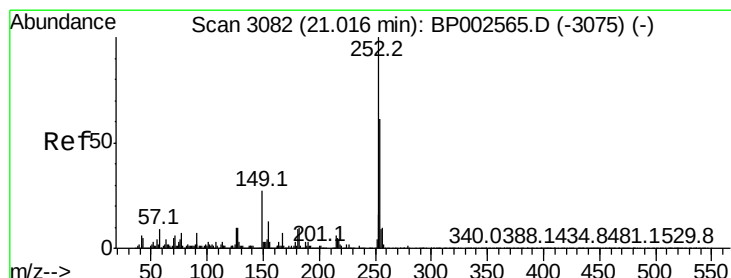
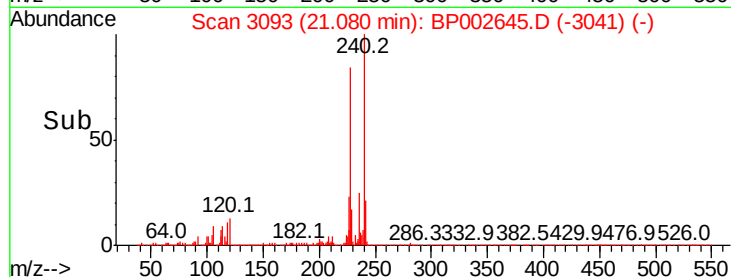
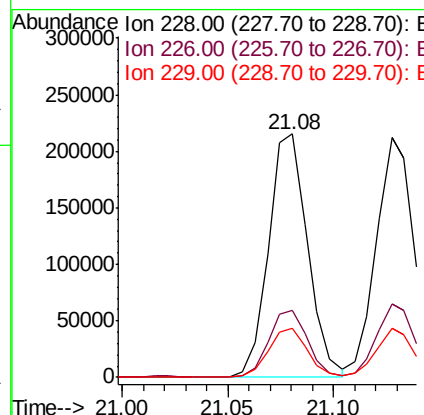
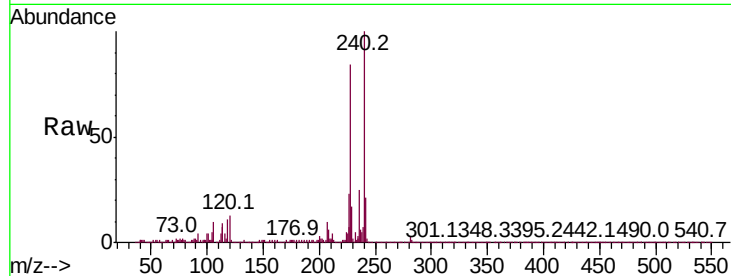
Acq: 06 Jul 2020 15:28

Instrument : BNA_P

ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Tot Ion:228 Resp: 277051

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	20.0	16.4	24.6



#82

3,3'-Dichlorobenzidine

Concen: 4.040 ng

RT: 21.02 min Scan# 3082

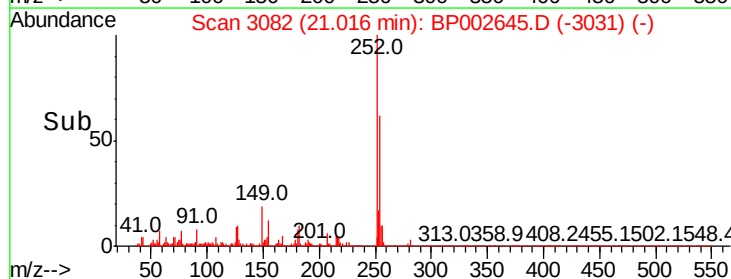
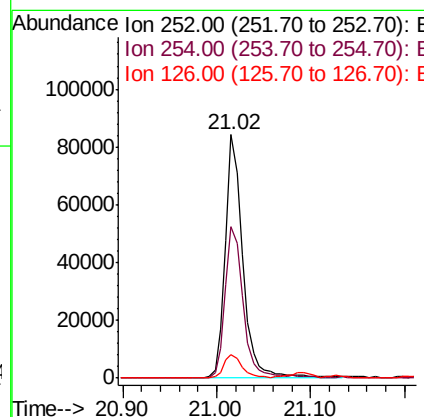
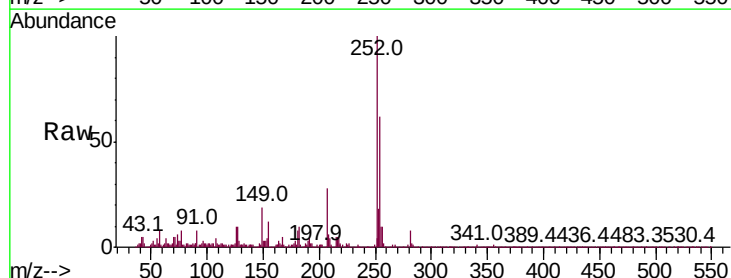
Delta R.T. 0.00 min

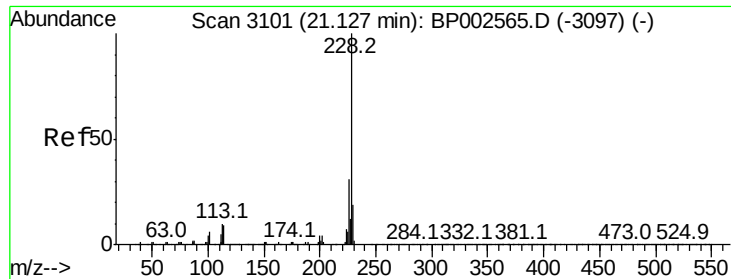
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:252 Resp: 110235

Ion	Ratio	Lower	Upper
252	100		
254	62.1	49.0	73.6
126	9.5	7.9	11.9

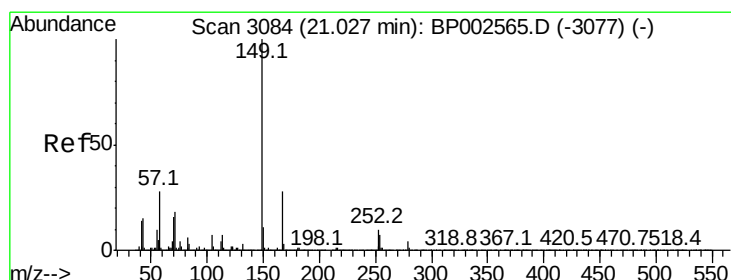
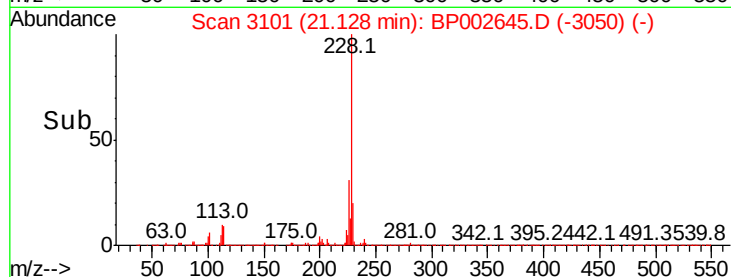
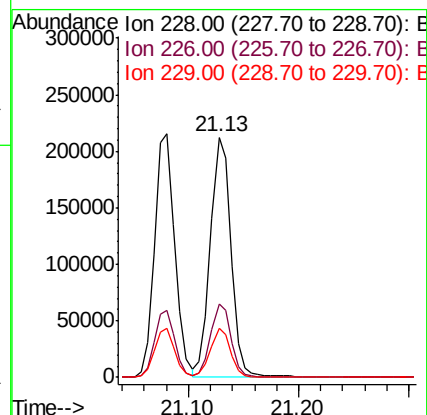
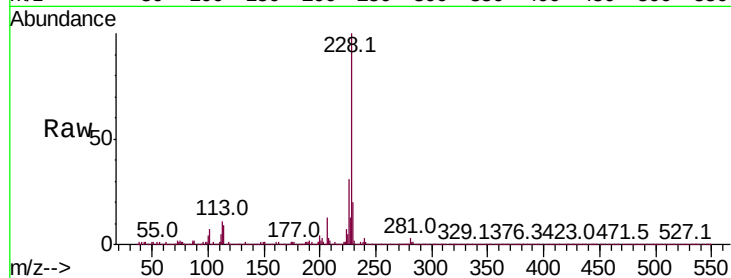




#83
Chrysene
Concen: 3.762 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

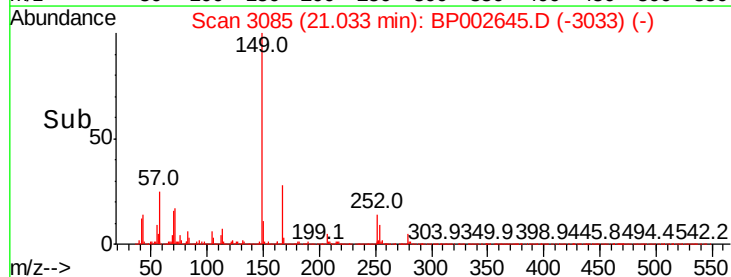
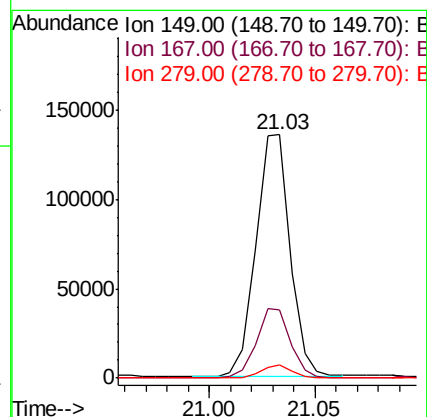
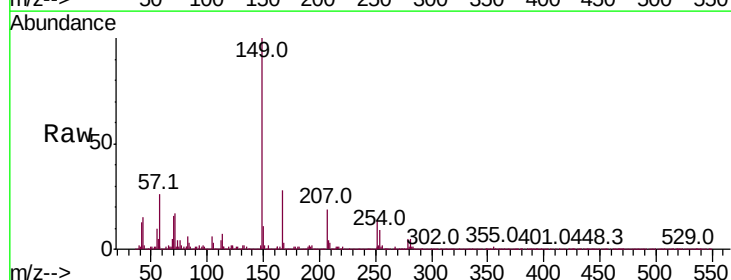
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

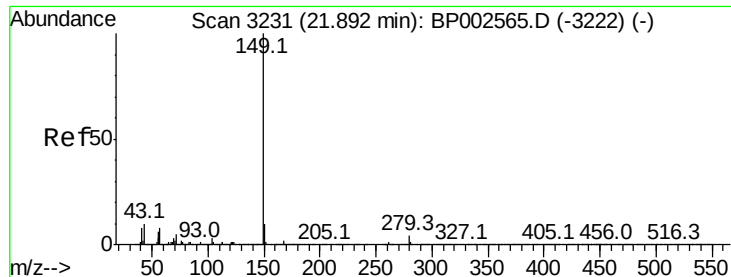
Tot Ion:228 Resp: 268857
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.4 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.141 ng
RT: 21.03 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:149 Resp: 152834
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 5.2 3.4 5.0#

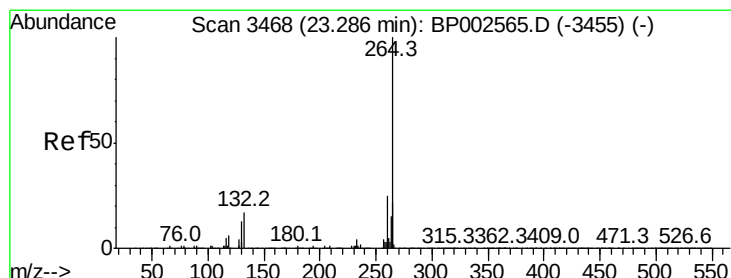
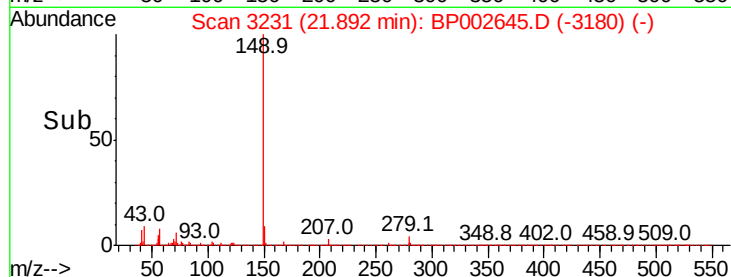
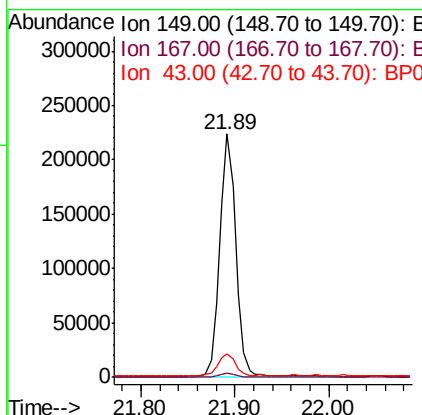
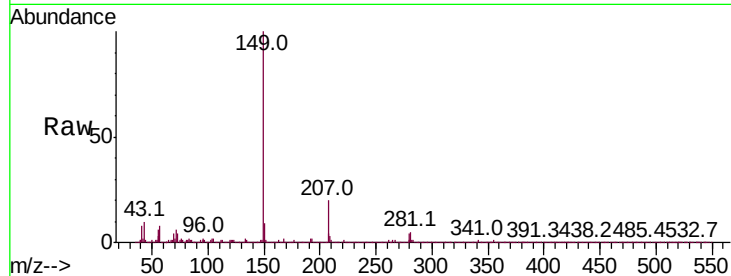




#85
Di-n-octyl phthalate
Concen: 3.097 ng
RT: 21.89 min Scan# 3231
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

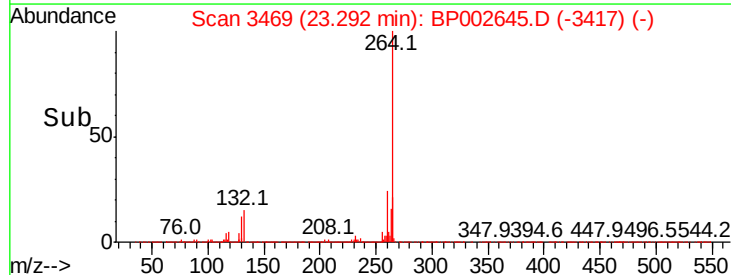
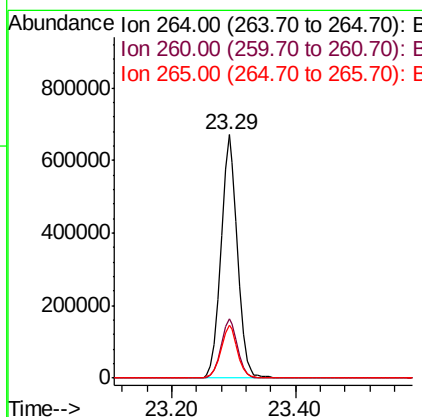
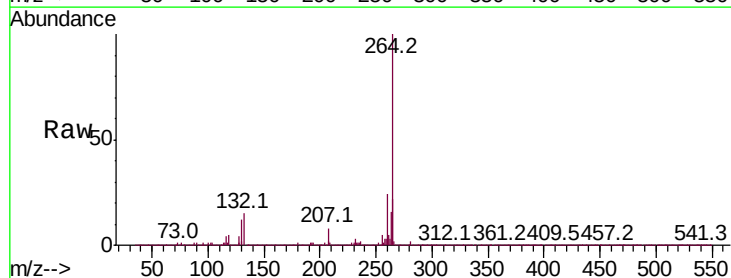
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

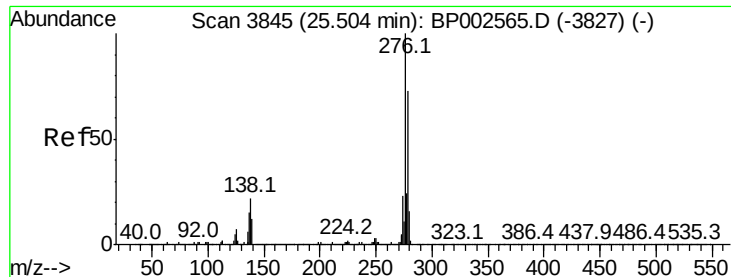
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.7	17.6	26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.103 ng

RT: 25.50 min Scan# 3845

Delta R.T. 0.00 min

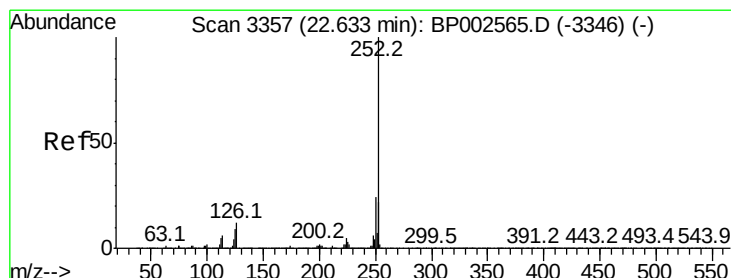
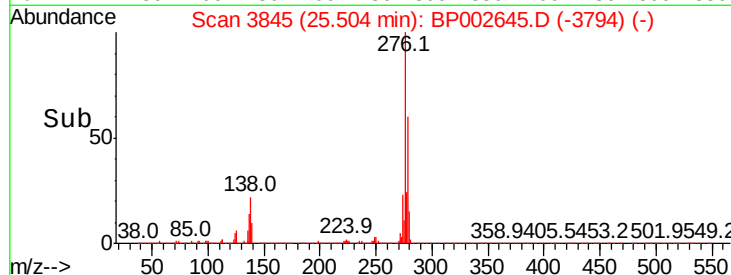
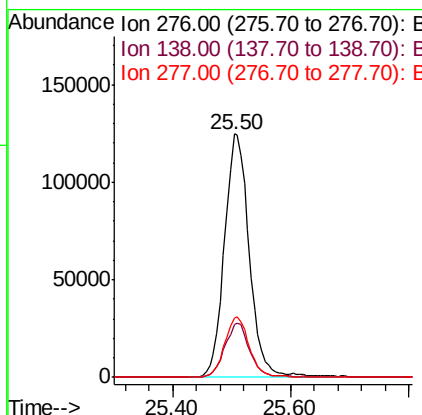
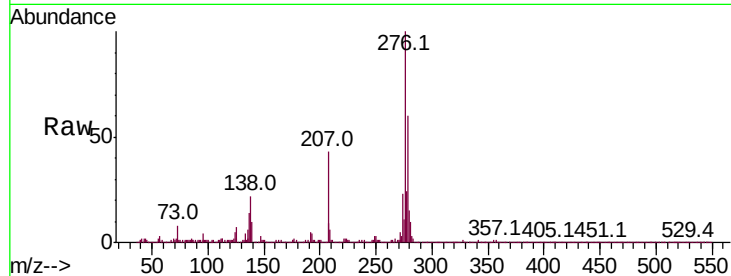
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:276 Resp: 365634

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.6	27.8
277	24.5	20.1	30.1



#88

Benzo(b)fluoranthene

Concen: 3.565 ng

RT: 22.63 min Scan# 3357

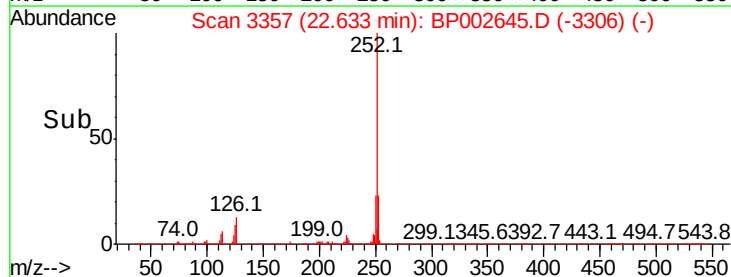
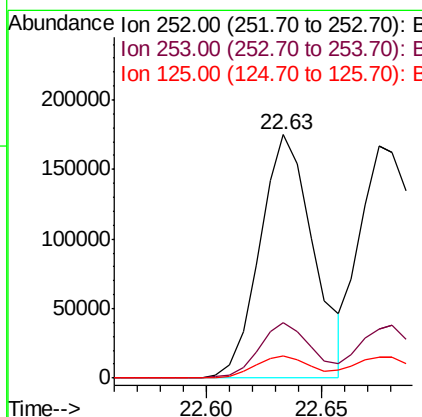
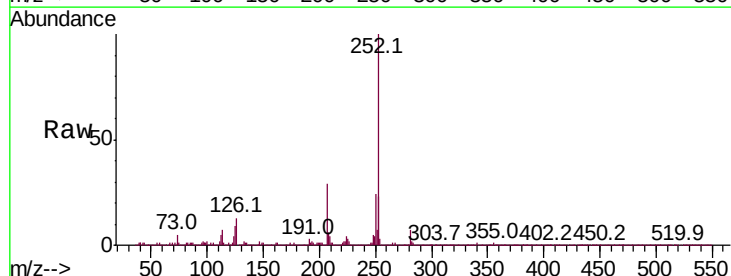
Delta R.T. 0.00 min

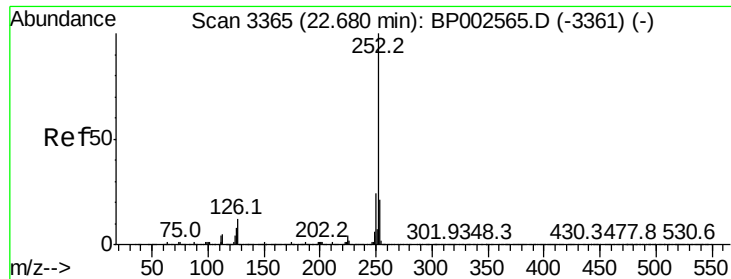
Lab File: BP002645.D

Acq: 06 Jul 2020 15:28

Tgt Ion:252 Resp: 281523

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.0	7.4	11.2

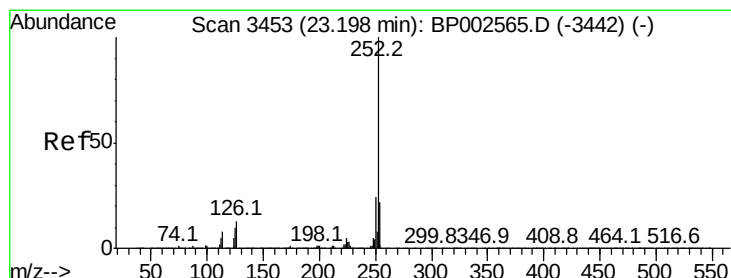
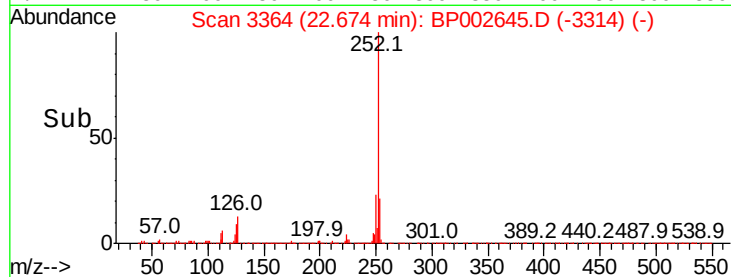
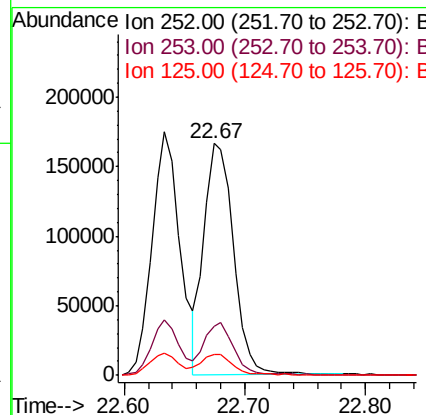
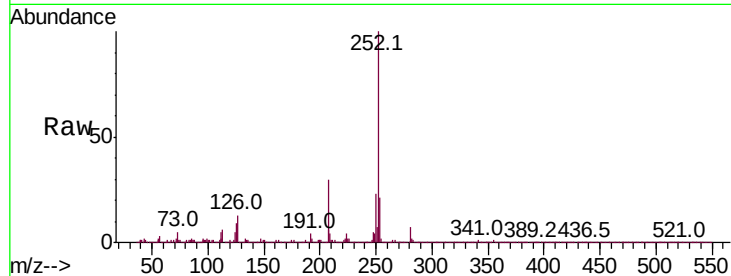




#89
Benzo(k)fluoranthene
Concen: 3.827 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

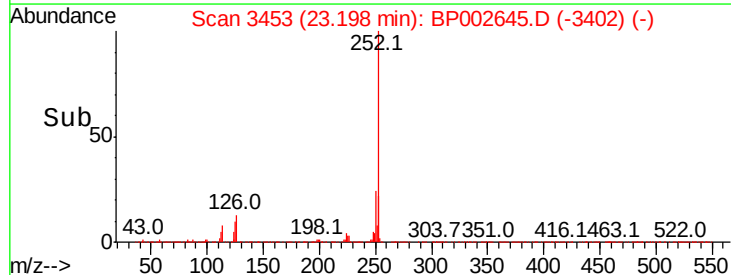
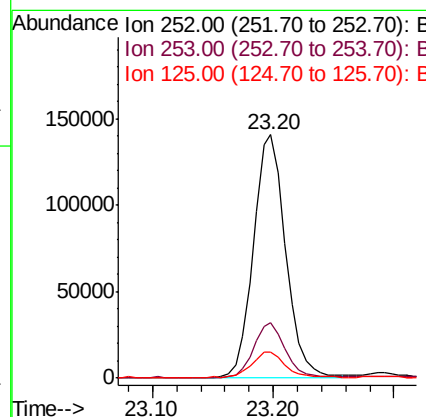
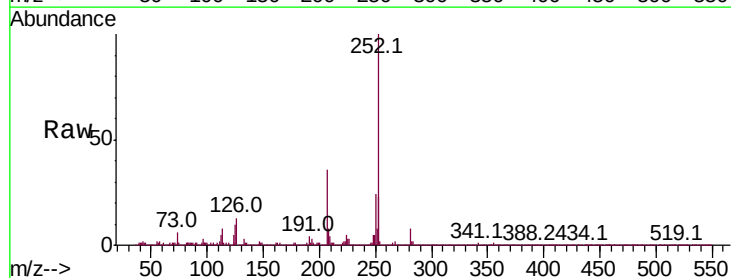
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

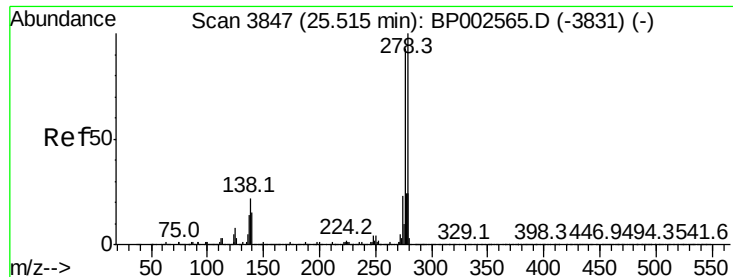
Tot Ion:	252	Resp:	281945
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.3	6.9	10.3



#90
Benzo(a)pyrene
Concen: 3.603 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:	252	Resp:	261126
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.4	7.8	11.8

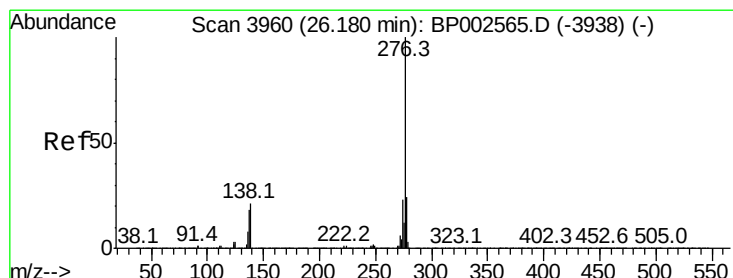
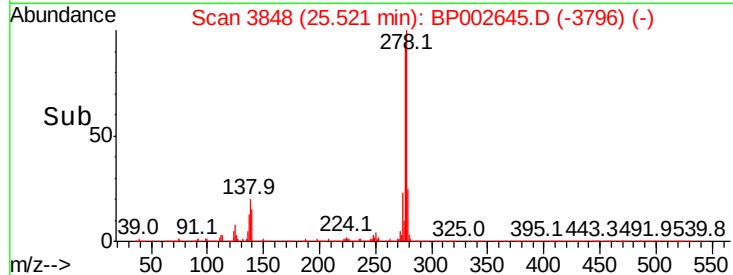
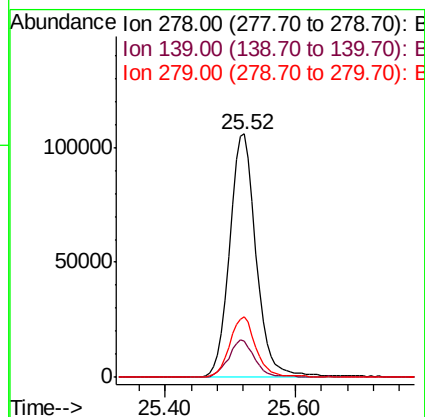
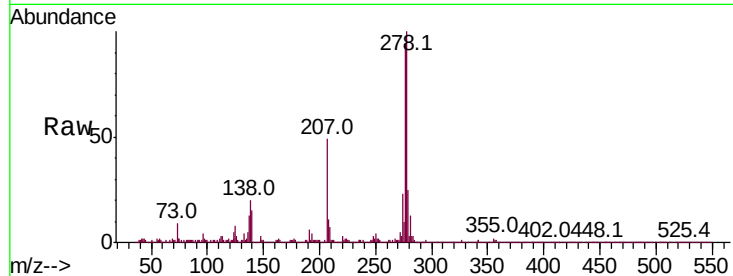




#91
Dibenzo(a,h)anthracene
Concen: 4.106 ng
RT: 25.52 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:278 Resp: 299036
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.2
279 25.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 4.119 ng
RT: 26.18 min Scan# 3960
Delta R.T. 0.00 min
Lab File: BP002645.D
Acq: 06 Jul 2020 15:28

Tgt Ion:276 Resp: 300017
Ion Ratio Lower Upper
276 100
277 23.5 19.3 28.9
138 19.8 16.9 25.3

