

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
 Data File : BP004948.D
 Acq On : 09 Mar 2021 17:36
 Operator : CG/JU
 Sample : M1534-06
 Misc : SOM-MDL-W-06
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Manual Integrations
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mohammad
 3/10/2021 11:54:26 AM

Quant Time: Mar 10 00:29:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 15:13:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	119044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	80714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	188774	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	229542	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	243026	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3159	3.85	ng/uL	0.00
5) Phenol-d5	6.90	99	70836	29.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	40267	31.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	59017	31.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	55892	27.56	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28046	31.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	31277	31.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	57812	30.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	74016	35.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	188941	31.81	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	225551	31.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	27172	26.63	ng/ul	0.00
58) Fluorene-d10	15.38	176	168036	32.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33744	27.87	ng/ul	0.00
71) Anthracene-d10	17.24	188	270637	31.99	ng/ul	0.00
79) Pyrene-d10	19.48	212	326883	30.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	407245	32.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	634	0.796	ng/uL# 77
4) Benzaldehyde	6.88	77	5102	4.092	ng/ul 95
6) Phenol	6.93	94	7678	2.991	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.16	93	5817	3.071	ng/ul 97
10) 2-Chlorophenol	7.30	128	6099	3.104	ng/ul 97
11) 2-Methylphenol	8.18	108	5268	2.699	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.27	45	5874	2.907	ng/ul# 93
14) Acetophenone	8.56	105	9740	2.887	ng/ul# 96
15) N-Nitroso-di-n-propylamine	8.55	70	4094	2.552	ng/ul# 92
16) 4-Methylphenol	8.51	108	6232	2.892	ng/ul 87
17) Hexachloroethane	8.81	117	2924	3.200	ng/ul# 84
20) Nitrobenzene	8.93	77	8162	3.465	ng/ul 95
21) Isophorone	9.46	82	11188	2.782	ng/ul# 93
23) 2-Nitrophenol	9.65	139	3381	3.222	ng/ul# 89
24) 2,4-Dimethylphenol	9.70	107	7003	2.890	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.94	93	7121	2.926	ng/ul# 93
27) 2,4-Dichlorophenol	10.18	162	6027	3.226	ng/ul# 83
28) Naphthalene	10.57	128	19414	3.149	ng/ul 99
30) 4-Chloroaniline	10.69	127	7381	3.421	ng/ul 91
31) Hexachlorobutadiene	10.85	225	2765m	1.914	ng/ul
32) Caprolactam	11.50	113	1451m	2.380	ng/ul
33) 4-Chloro-3-methylphenol	11.83	107	5564	2.560	ng/ul# 91
34) 2-Methylnaphthalene	12.19	142	12874	2.887	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	12759	2.908	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9090	3.381	ng/ul	98
38) Hexachlorocyclopentadiene	12.54	237	3544	2.031	ng/ul#	75
39) 2,4,6-Trichlorophenol	12.81	196	4194	2.617	ng/ul	88
40) 2,4,5-Trichlorophenol	12.89	196	4592	2.638	ng/ul	87
41) 1,1'-Biphenyl	13.22	154	17824	3.001	ng/ul	94
42) 2-Chloronaphthalene	13.25	162	14437	3.101	ng/ul#	91
43) 2-Nitroaniline	13.47	65	3083	2.281	ng/ul#	91
45) Dimethylphthalate	13.85	163	18636	3.064	ng/ul#	98
46) 2,6-Dinitrotoluene	13.96	165	3234	2.652	ng/ul#	83
48) Acenaphthylene	14.10	152	21343	3.116	ng/ul	95
49) 3-Nitroaniline	14.29	138	3088	2.866	ng/ul#	97
50) Acenaphthene	14.45	153	15043	2.987	ng/ul	98
51) 2,4-Dinitrophenol	14.52	184	1400	1.737	ng/ul#	75
53) 4-Nitrophenol	14.60	109	3023	2.651	ng/ul#	79
54) Dibenzofuran	14.79	168	22345	3.044	ng/ul	95
55) 2,4-Dinitrotoluene	14.75	165	4865	2.751	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4554	2.756	ng/ul#	79
57) Diethylphthalate	15.22	149	17591	2.828	ng/ul	95
59) Fluorene	15.44	166	19104	3.116	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	10751	3.190	ng/ul	98
61) 4-Nitroaniline	15.47	138	3123	2.483	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.52	198	3509	2.853	ng/ul#	76
65) N-Nitrosodiphenylamine	15.65	169	15091	2.843	ng/ul	95
66) 4-Bromophenyl-phenylether	16.33	248	6443	3.092	ng/ul	89
67) Hexachlorobenzene	16.46	284	761m	0.323	ng/ul	
68) Atrazine	16.61	200	5507	2.583	ng/ul#	83
69) Pentachlorophenol	16.79	266	3602	2.420	ng/ul	93
70) Phenanthrene	17.18	178	31301	3.114	ng/ul#	95
72) Anthracene	17.27	178	31442	3.049	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	8378	3.058	ng/uL	94
74) Pentachlorobenzene	14.70	250	7271	2.612	ng/uL	95
75) Carbazole	17.55	167	23528	2.650	ng/ul	93
76) Di-n-butylphthalate	18.11	149	25340	2.445	ng/ul	96
77) Fluoranthene	19.16	202	36060	2.937	ng/ul	96
80) Pvrene	19.51	202	41319	3.008	ng/ul#	95
81) Butylbenzylphthalate	20.39	149	11830	2.375	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	12360	2.622	ng/ul	97
83) Benzo(a)anthracene	21.22	228	42387	3.050	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.15	149	17091	2.286	ng/ul#	98
85) Chrysene	21.27	228	40722	2.990	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	30151	2.097	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	46182m	3.026	ng/ul	
89) Benzo(k)fluoranthene	22.87	252	41486	2.755	ng/ul	97
91) Benzo(a)pyrene	23.42	252	39814	2.972	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.86	276	52076	3.042	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.88	278	44188	3.051	ng/ul	95
94) Benzo(a,h,i)perylene	26.58	276	43429	3.063	ng/ul	100

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ALS Vial : 12 Sample Multiplier: 1

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MDL-WATER-06

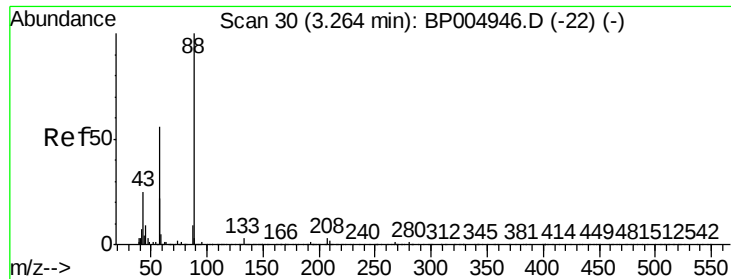
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.796 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

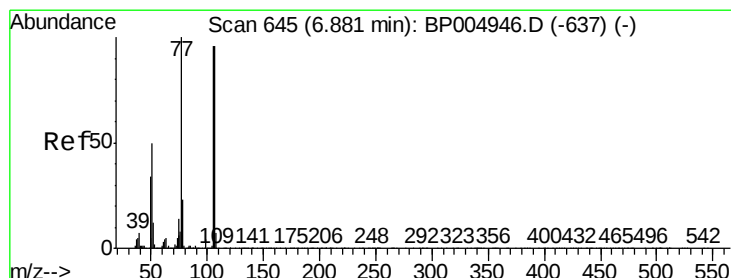
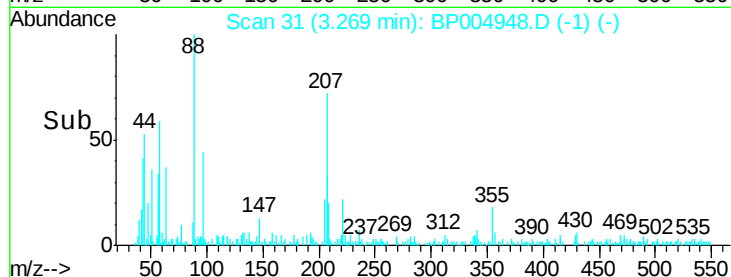
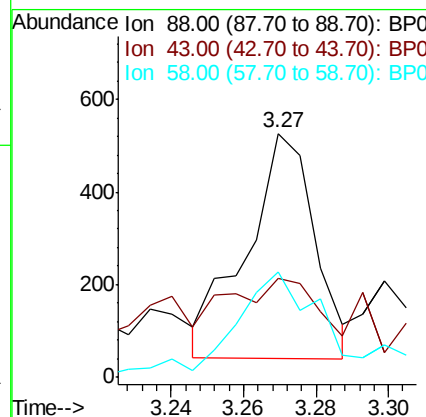
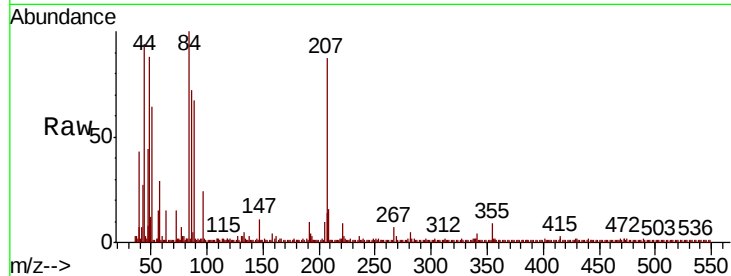
ClientSampleID :

MDL-WATER-06

Tot Ion:	88	Resp:	634
Ion Ratio	Lower	Upper	
88	100		
43	40.7	26.0	39.0#
58	43.2	52.0	78.0#

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#4

Benzaldehyde

Concen: 4.092 ng/uL

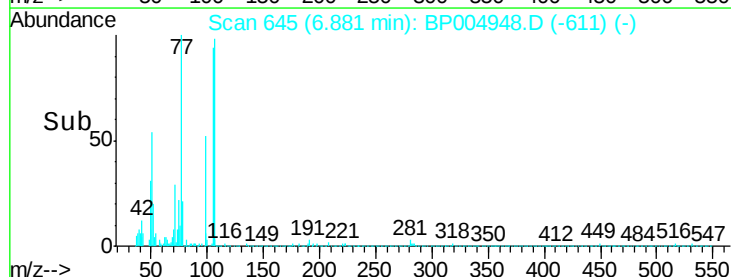
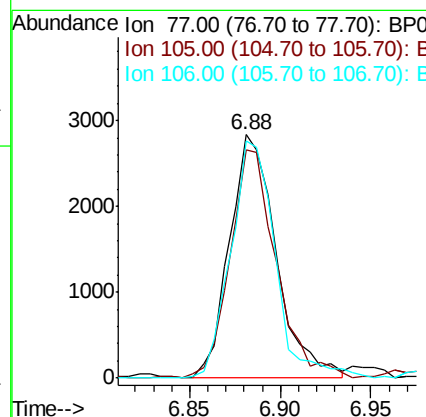
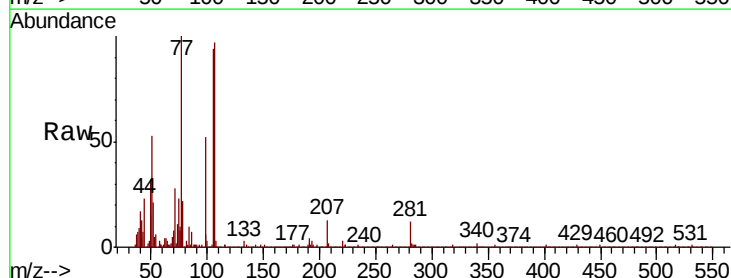
RT: 6.88 min Scan# 645

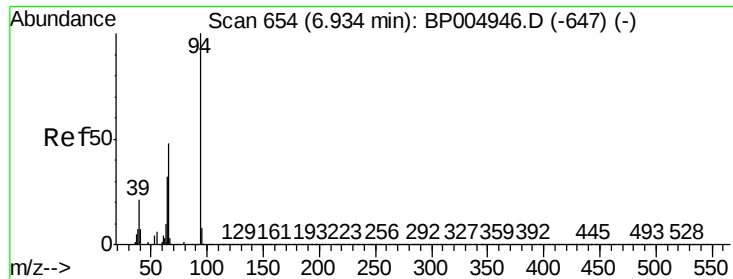
Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion:	77	Resp:	5102
Ion Ratio	Lower	Upper	
77	100		
105	94.0	73.6	110.4
106	97.2	71.3	106.9





#6

Phenol

Concen: 2.991 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

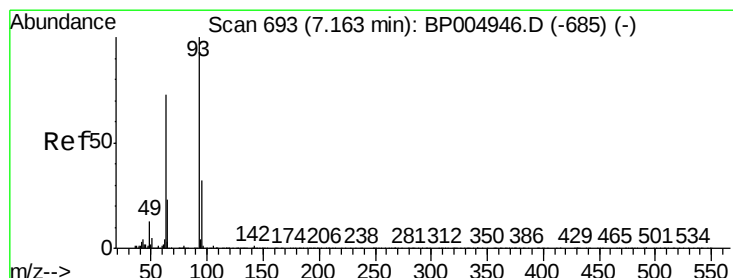
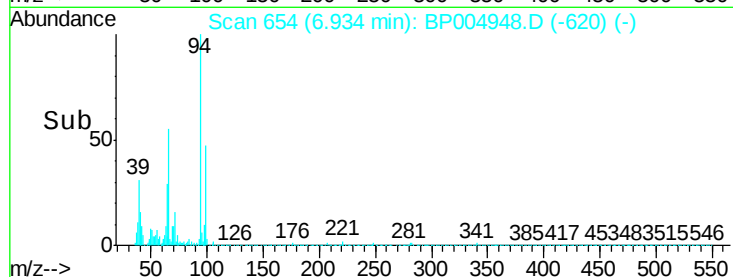
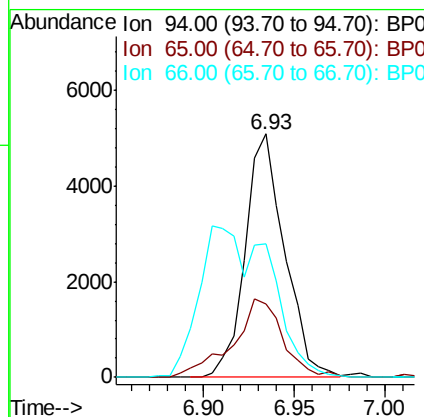
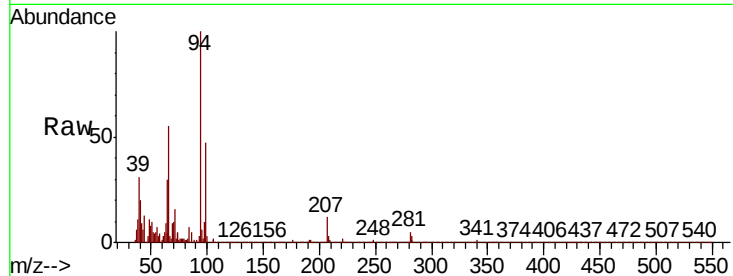
ClientSampleId :

MDL-WATER-06

Tot Ion:	94	Resp:	7678
Ion	Ratio	Lower	Upper
94	100		
65	29.9	27.6	41.4
66	55.0	39.0	58.6

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#8

Bis(2-Chloroethyl)ether

Concen: 3.071 ng/ul

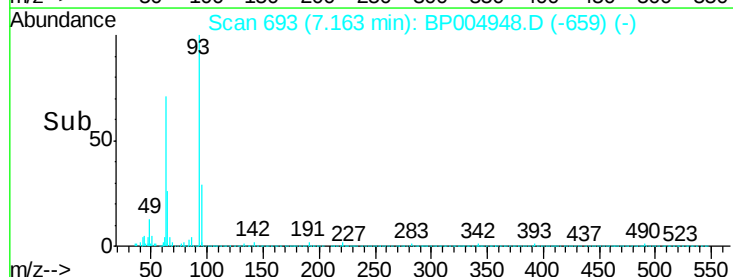
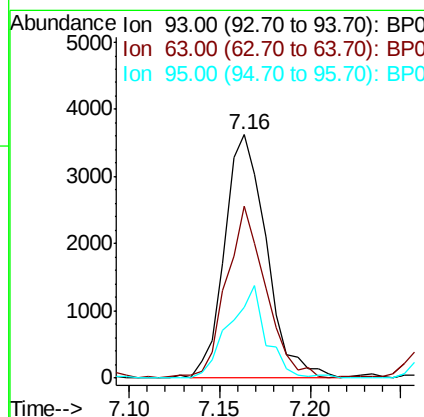
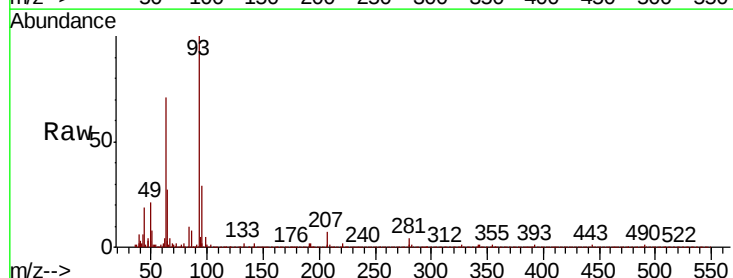
RT: 7.16 min Scan# 693

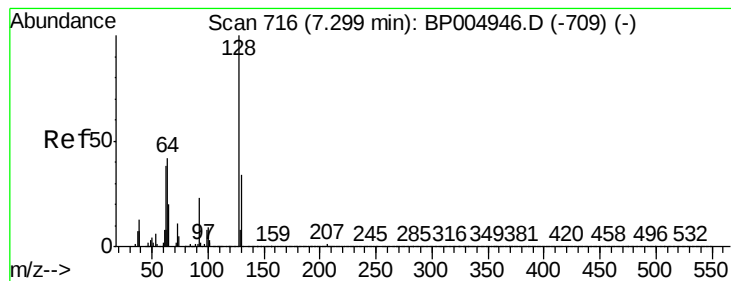
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	5817
Ion	Ratio	Lower	Upper
93	100		
63	70.7	54.2	81.2
95	30.6	24.5	36.7





#10

2-Chlorophenol

Concen: 3.104 ng/ul

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

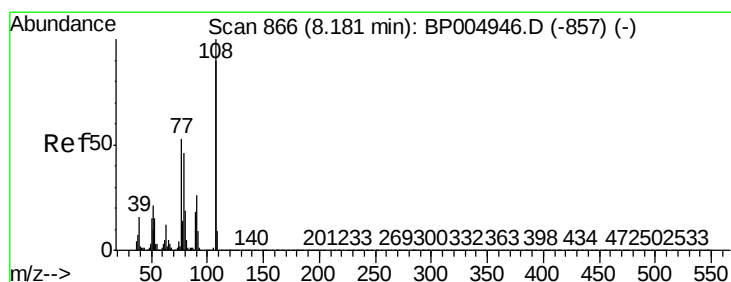
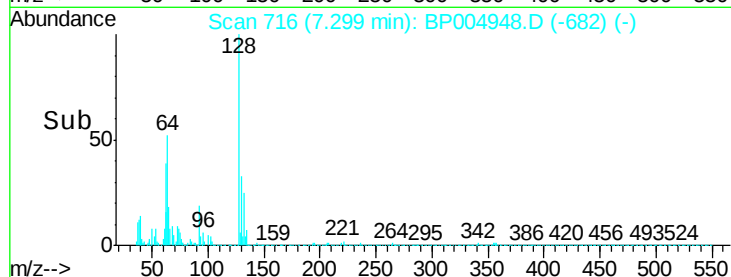
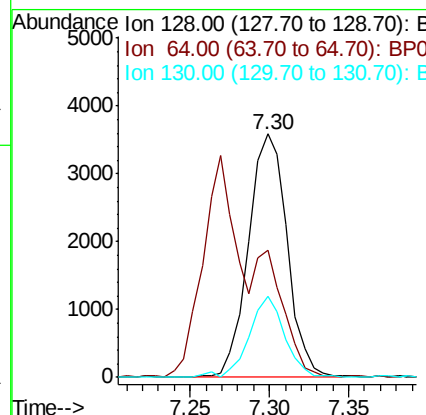
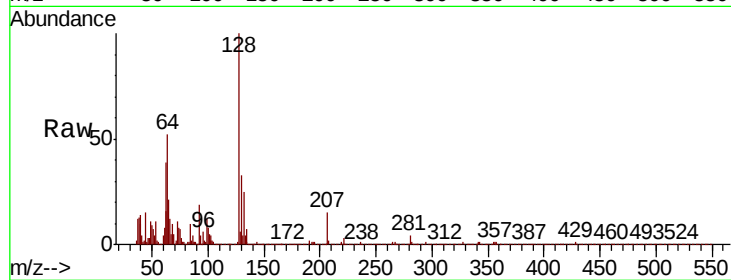
ClientSampleId :

MDL-WATER-06

Tot Ion:	128	Resp:	6099
Ion Ratio	Lower	Upper	
128	100		
64	52.2	38.7	58.1
130	33.1	26.5	39.7

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#11

2-Methylphenol

Concen: 2.699 ng/ul

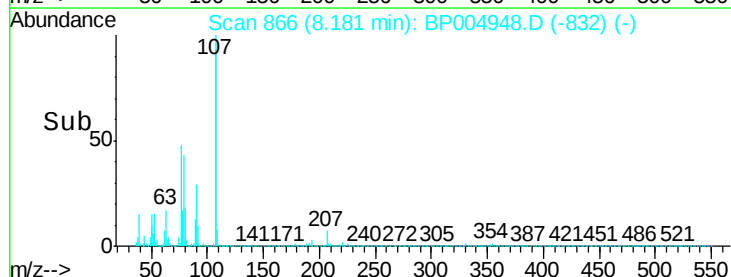
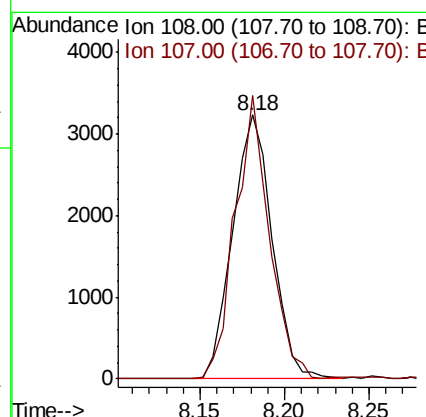
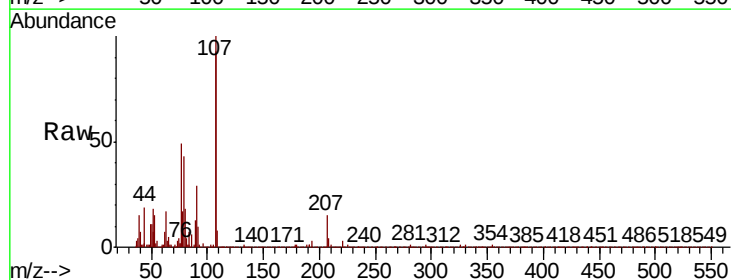
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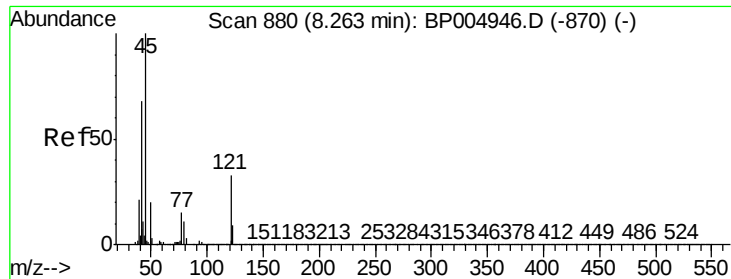
Delta R.T. 0.00 min

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Tgt Ion:	108	Resp:	5268
Ion Ratio	Lower	Upper	
108	100		
107	107.3	77.5	116.3





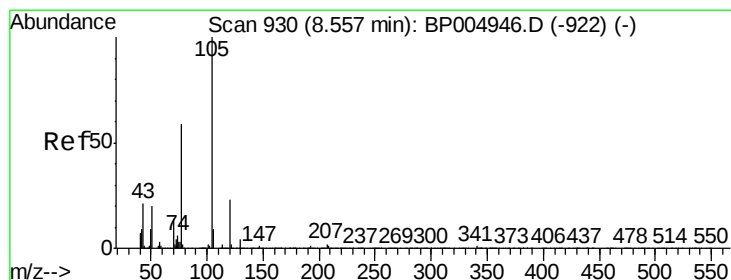
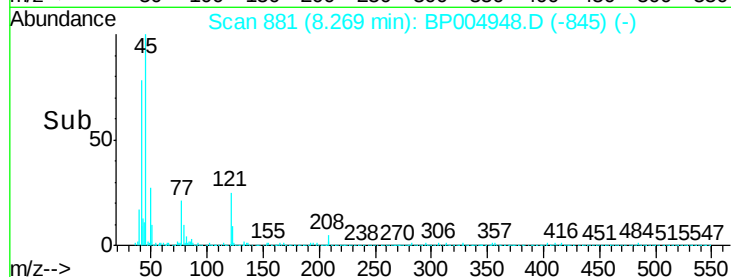
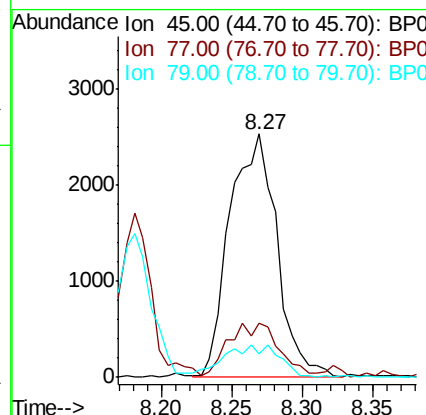
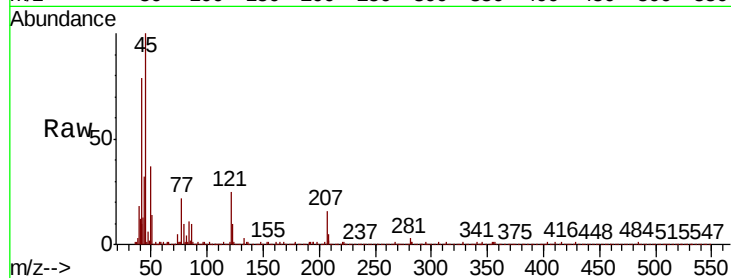
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.907 ng/ul
RT: 8.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BP004948.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	22.2	16.5	24.7
79	9.9	11.8	17.6

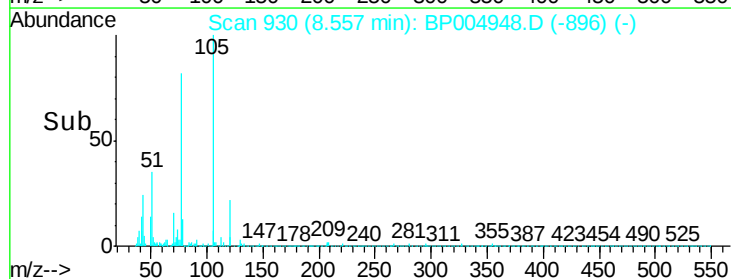
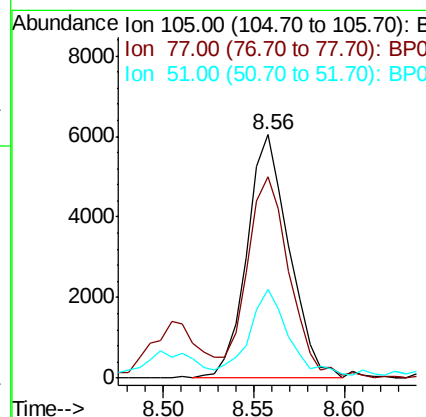
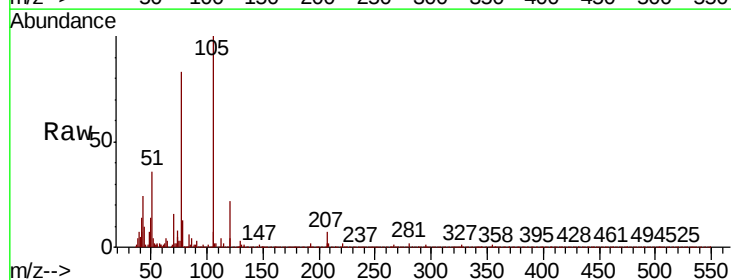
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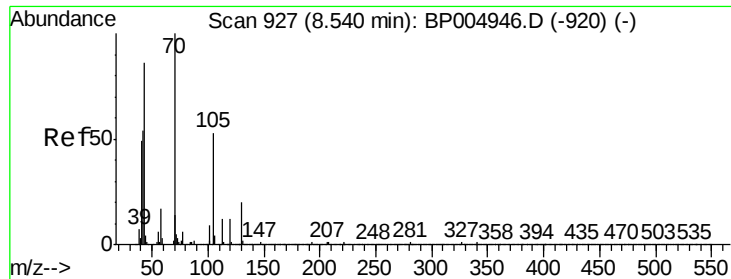
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#14
Acetophenone
Concen: 2.887 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.8	65.8	98.6
51	36.4	23.1	34.7





#15

N-Nitroso-di-n-propylamine

Concen: 2.552 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

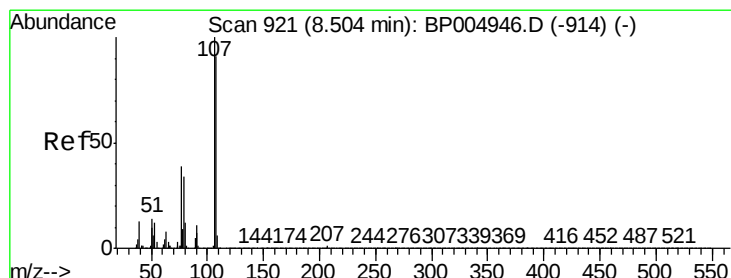
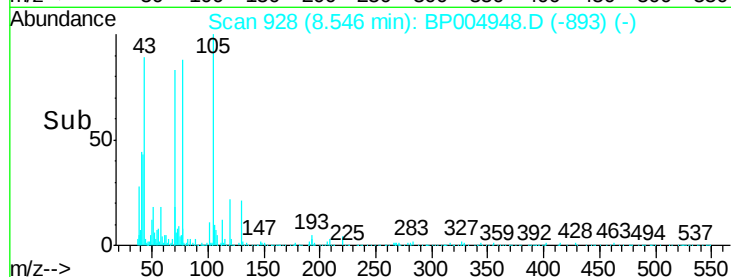
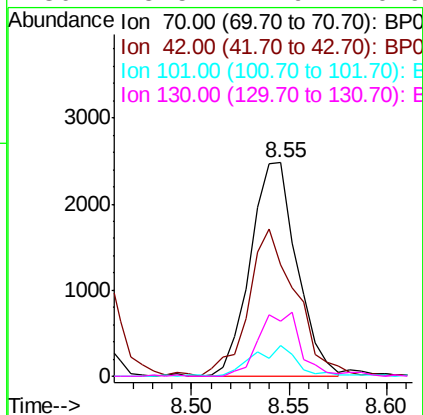
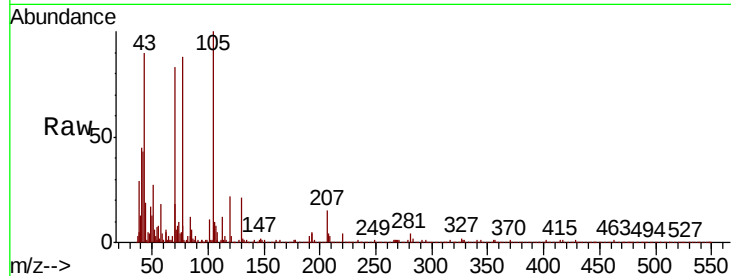
ClientSampleId :

MDL-WATER-06

Tot Ion:	70	Resp:	4094
Ion Ratio	Lower	Upper	
70	100		
42	52.4	46.6	70.0
101	14.3	8.8	13.2#
130	25.5	17.9	26.9

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#16

4-Methylphenol

Concen: 2.892 ng/ul

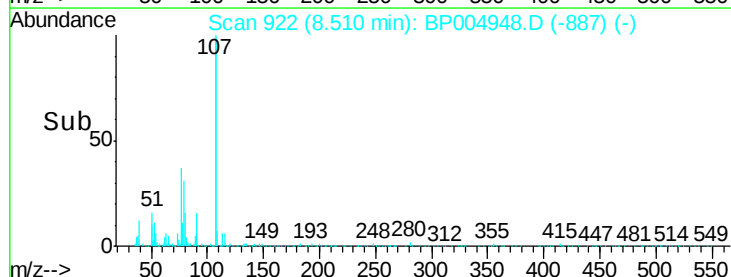
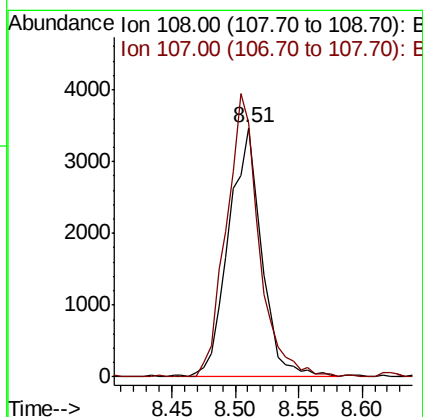
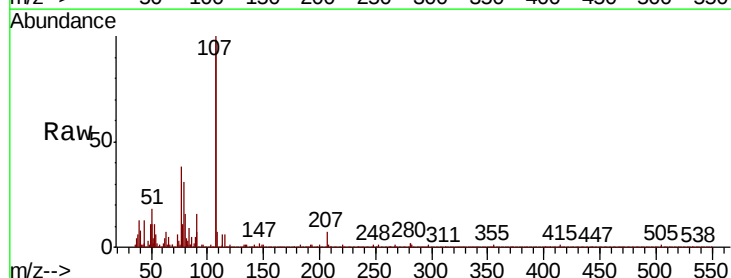
RT: 8.51 min Scan# 922

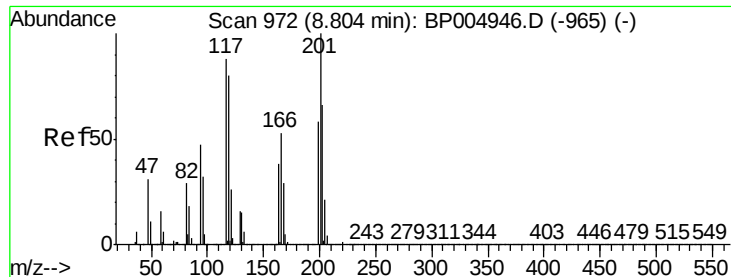
Delta R.T. 0.01 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion:	108	Resp:	6232
Ion Ratio	Lower	Upper	
108	100		
107	102.0	92.8	139.2





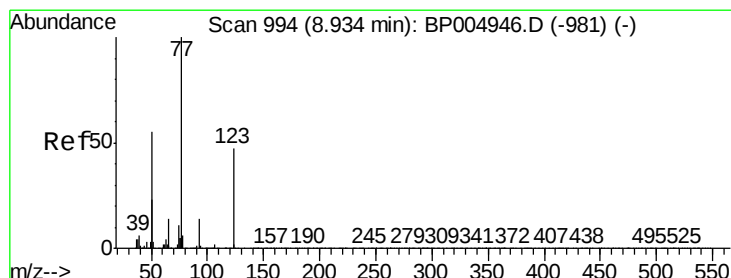
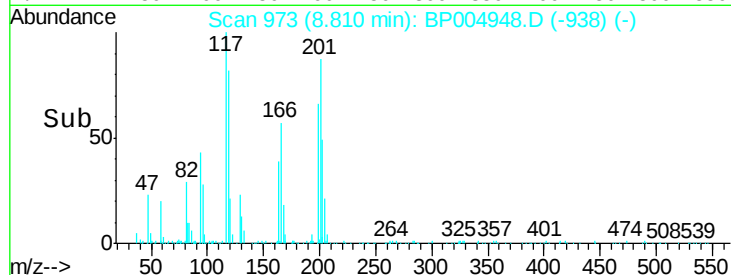
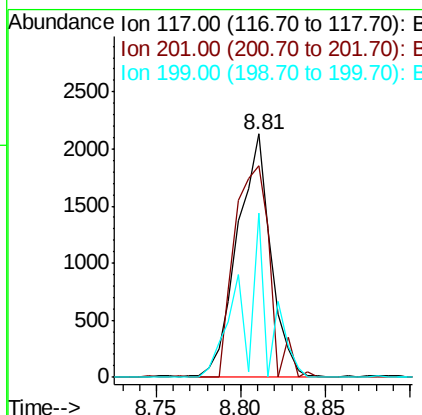
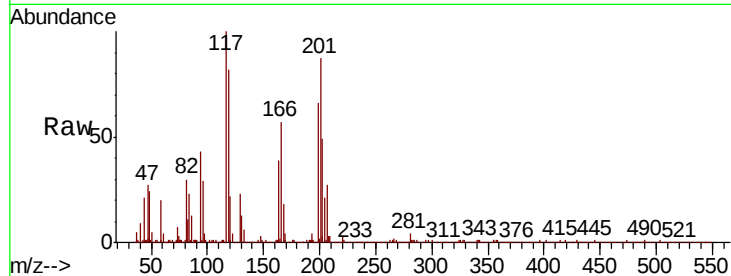
#17
Hexachloroethane
Concen: 3.200 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
117	100		
201	86.9	82.4	123.6
199	67.7	44.6	66.8

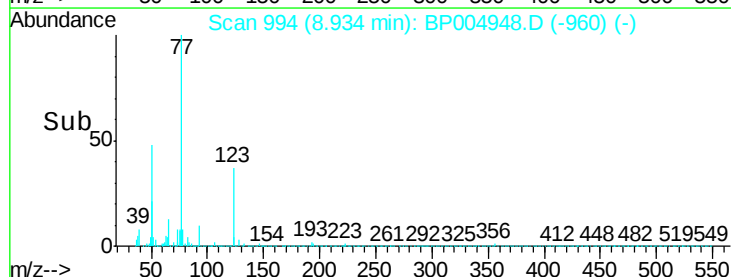
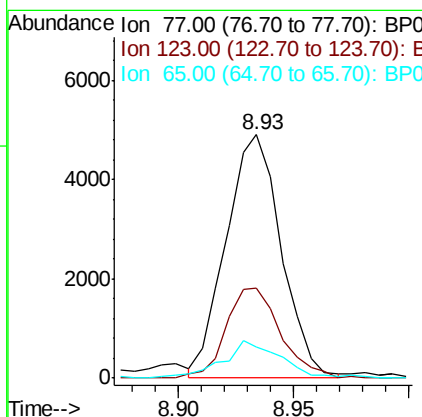
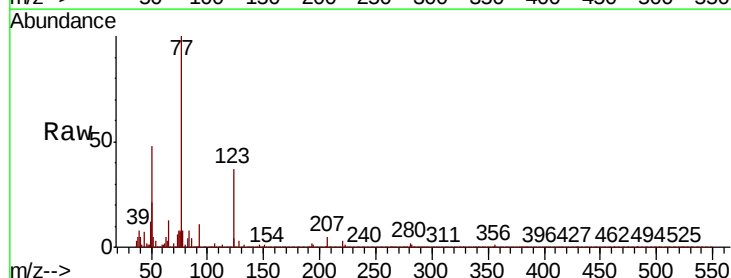
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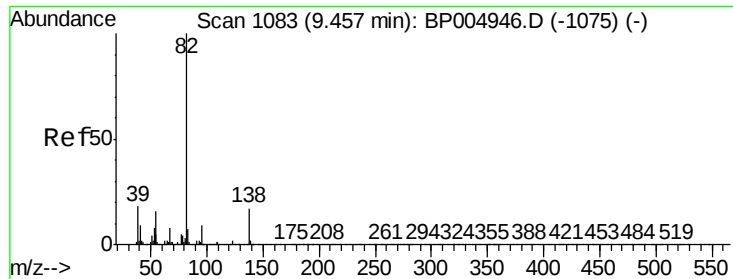
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#20
Nitrobenzene
Concen: 3.465 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.9	32.7	49.1
65	13.0	10.9	16.3





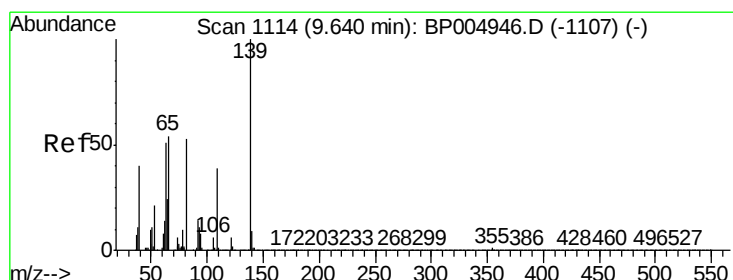
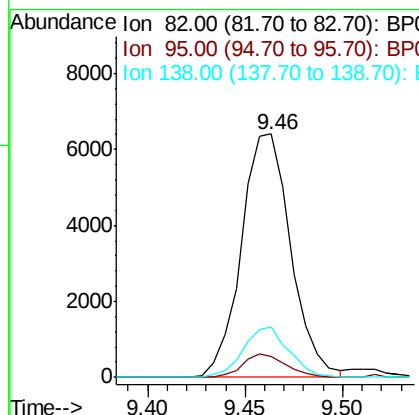
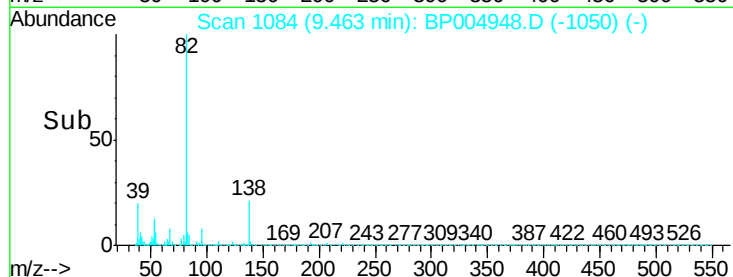
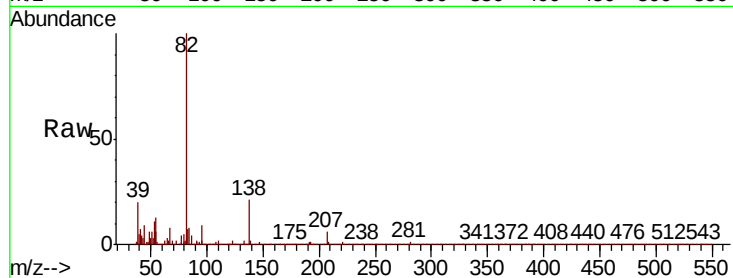
#21
Isophorone
Concen: 2.782 ng/ul
RT: 9.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	8.0	12.0
138	20.8	13.8	20.6

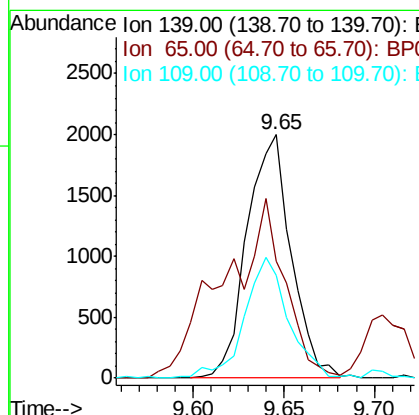
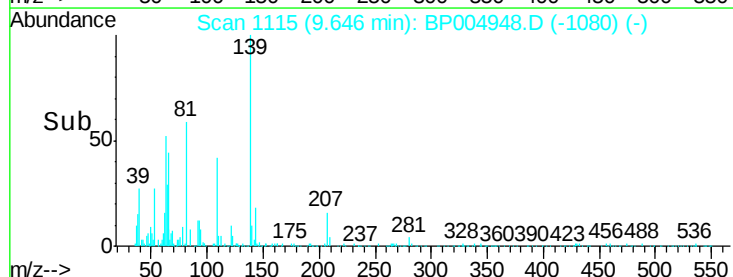
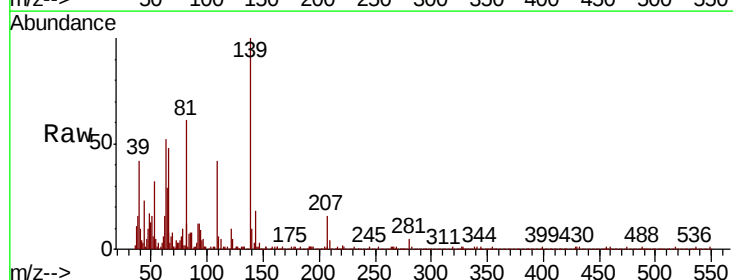
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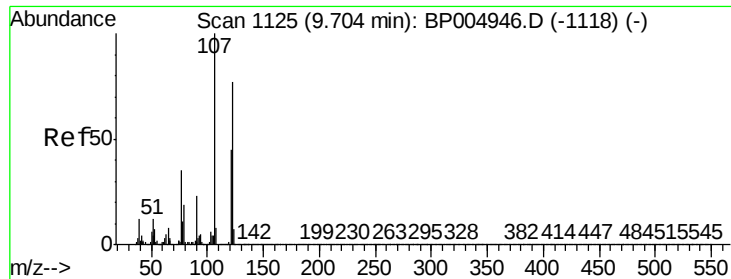
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#23
2-Nitrophenol
Concen: 3.222 ng/ul
RT: 9.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
139	100		
65	47.9	48.7	73.1
109	42.1	35.4	53.0





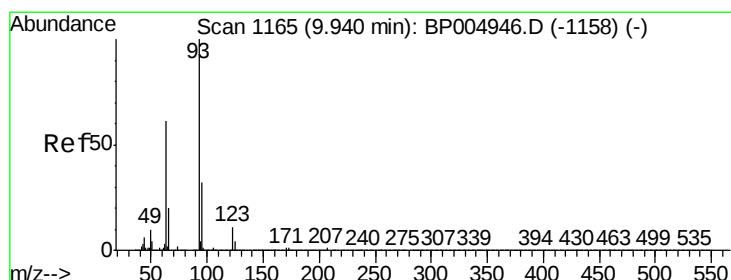
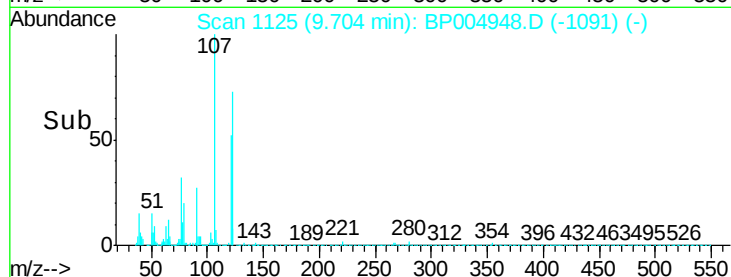
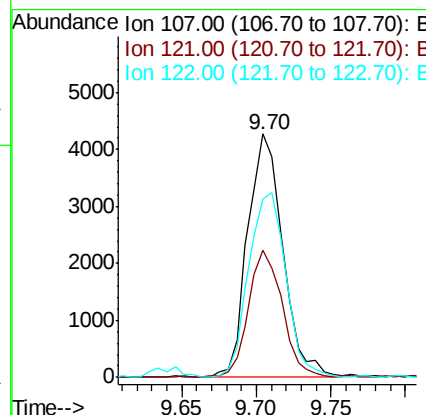
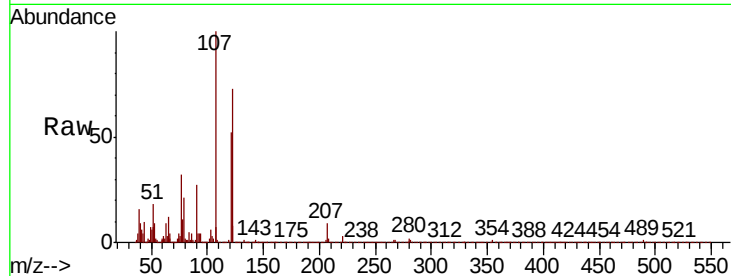
#24
2,4-Dimethylphenol
Concen: 2.890 ng/ul
RT: 9.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
107	100		
121	52.3	35.9	53.9
122	73.3	55.7	83.5

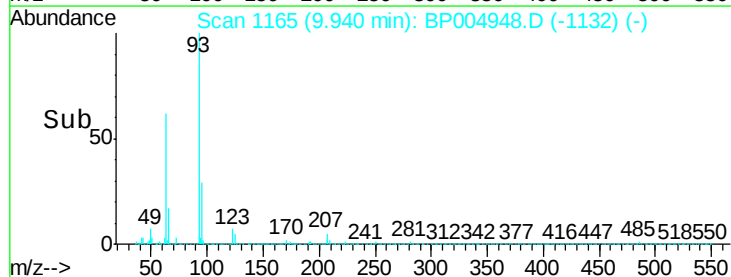
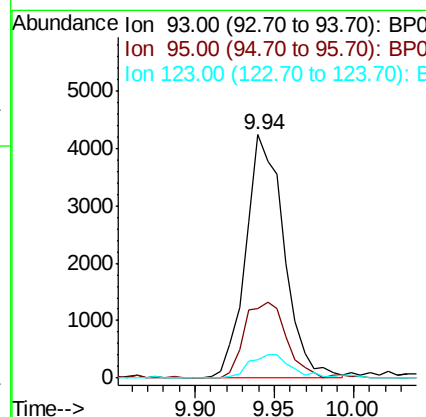
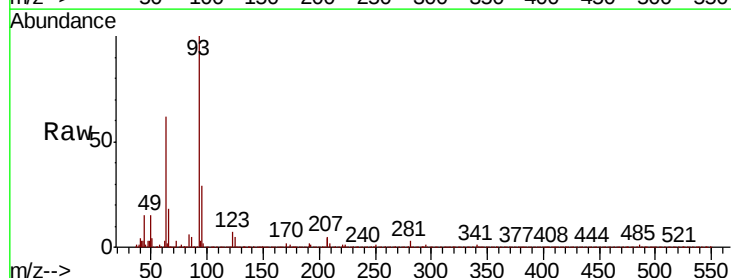
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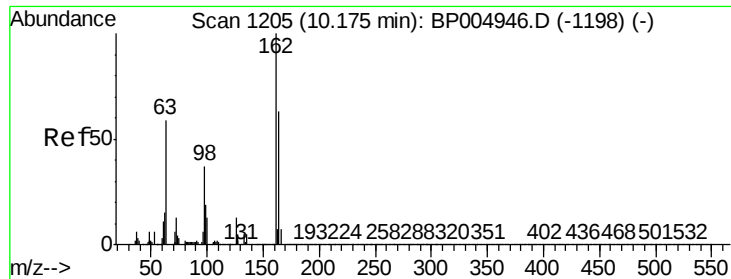
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.926 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.8	25.4	38.0
123	7.3	9.8	14.8





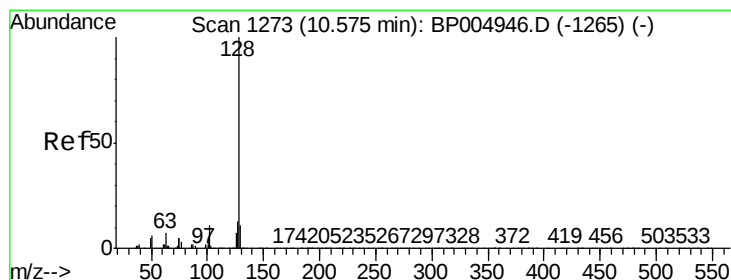
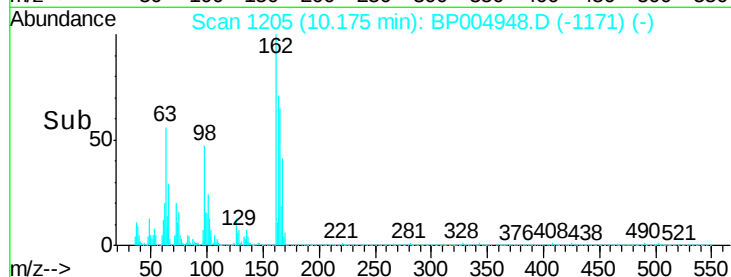
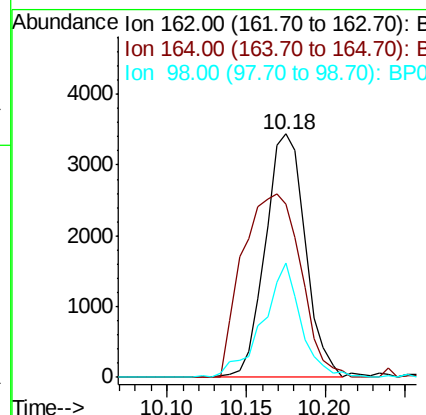
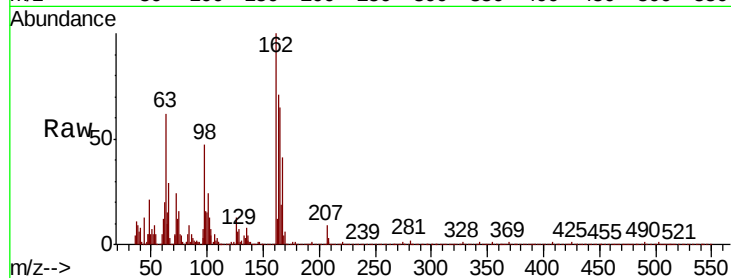
#27
2,4-Dichlorophenol
Concen: 3.226 ng/ul
RT: 10.18 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.0	46.3	69.5#
98	47.1	30.3	45.5#

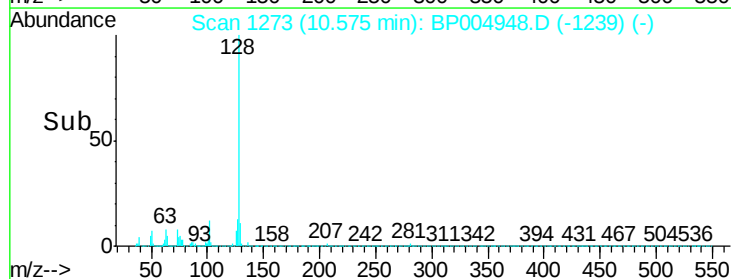
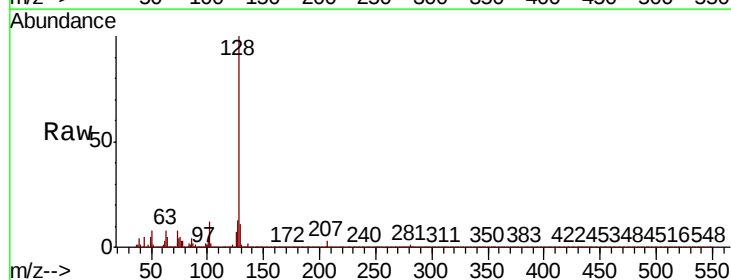
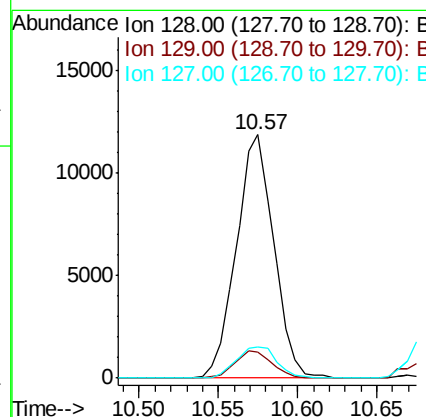
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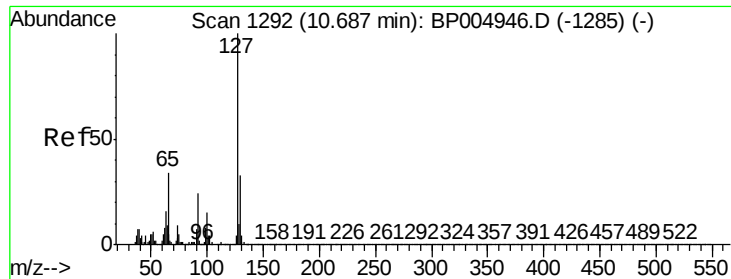
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#28
Naphthalene
Concen: 3.149 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.0	11.0	16.4





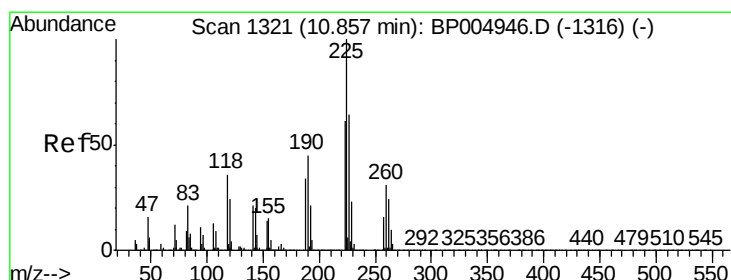
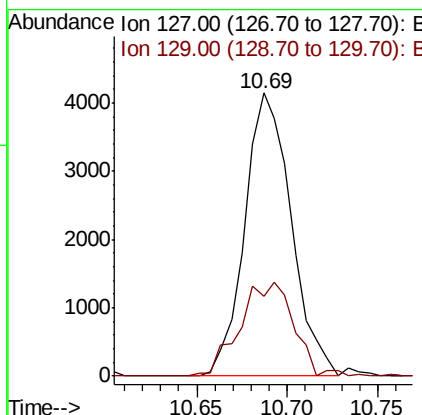
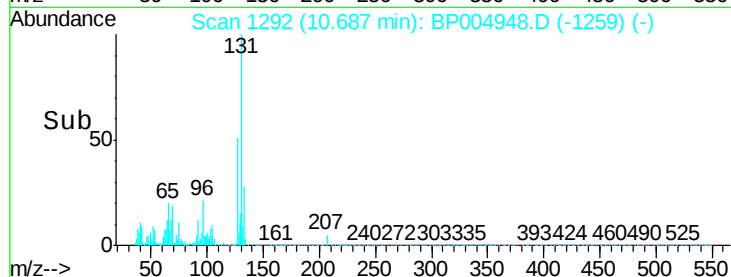
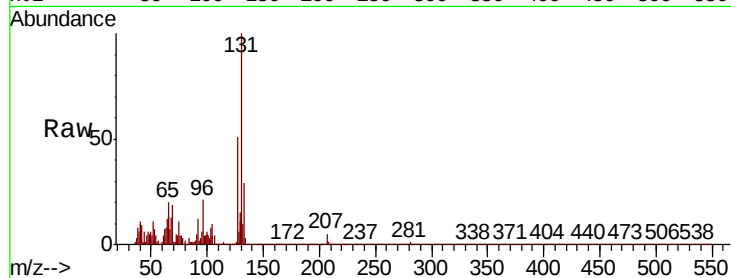
#30
4-Chloroaniline
Concen: 3.421 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.4	27.0	40.4

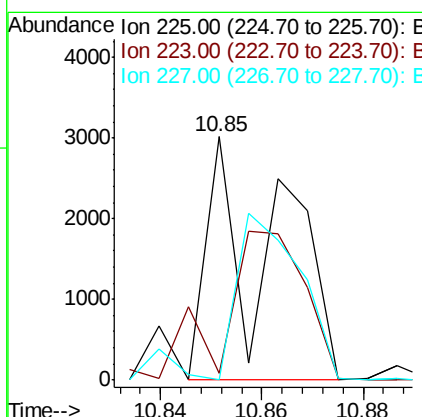
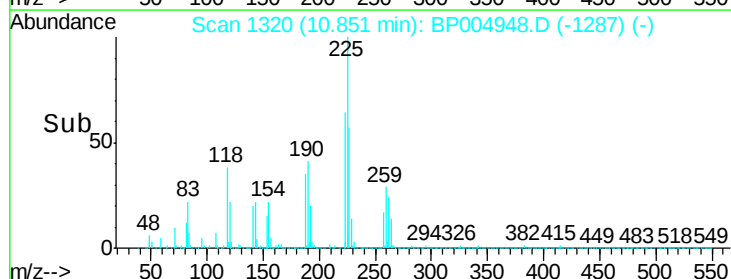
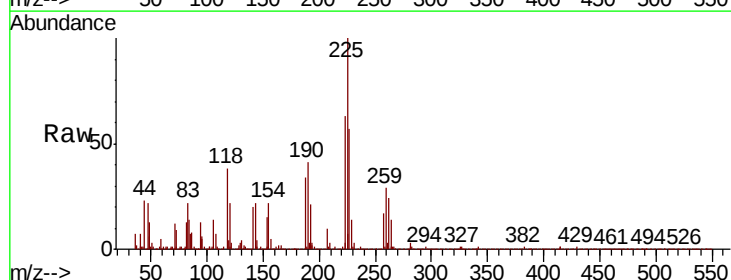
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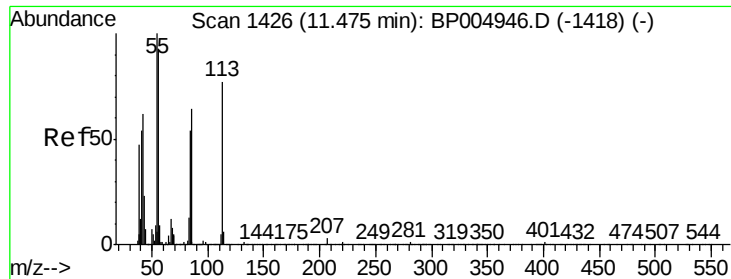
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#31
Hexachlorobutadiene
Concen: 1.914 ng/ul m
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	3.2	51.0	76.6#
227	0.0	48.1	72.1#





#32

Caprolactam

Concen: 2.380 ng/ul m

RT: 11.50 min Scan# 1431

Delta R.T. 0.03 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

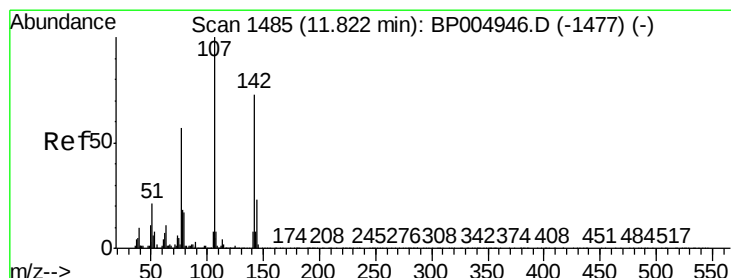
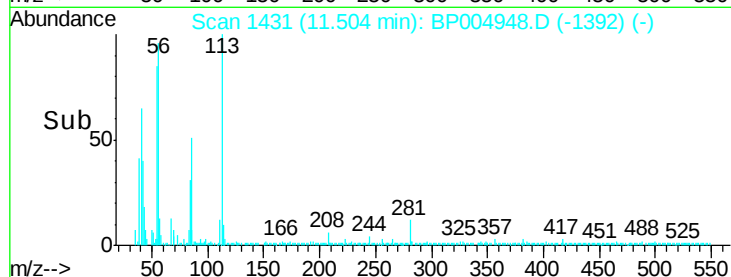
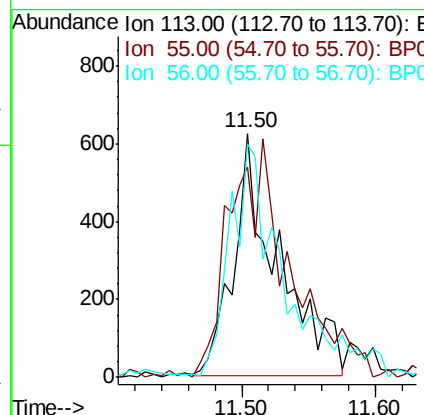
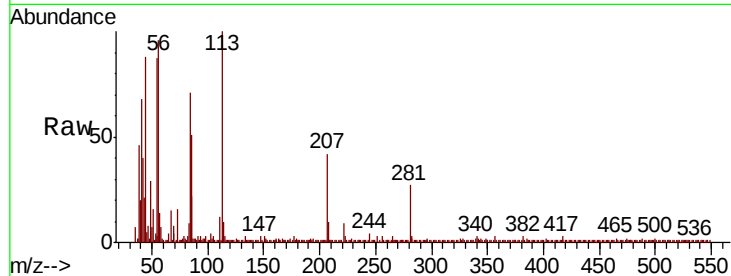
ClientSampleId :

MDL-WATER-06

Tot Ion:	113	Resp:	1451
Ion Ratio	Lower	Upper	
113	100		
55	86.6	96.7	145.1#
56	95.8	85.7	128.5

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#33

4-Chloro-3-methylphenol

Concen: 2.560 ng/ul

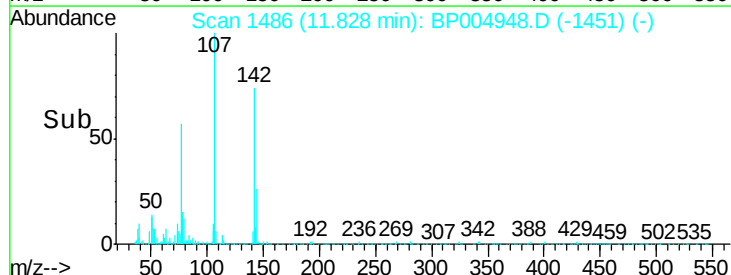
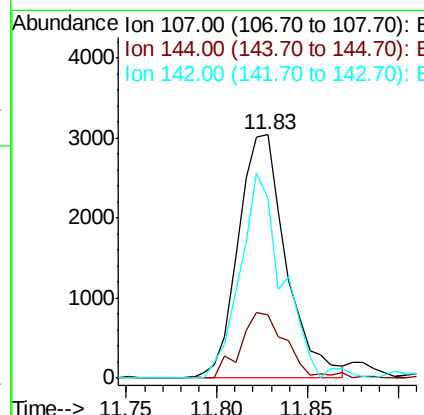
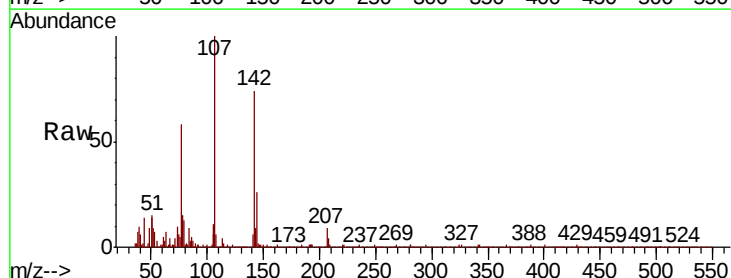
RT: 11.83 min Scan# 1486

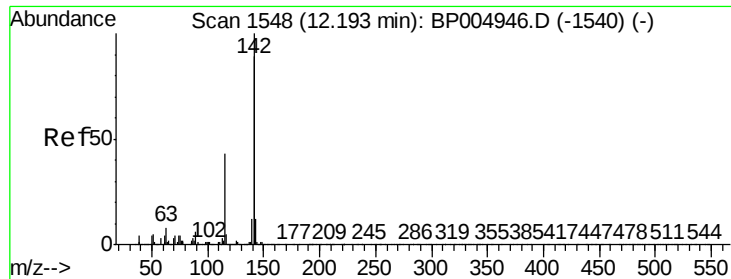
Delta R.T. 0.01 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion:	107	Resp:	5564
Ion Ratio	Lower	Upper	
107	100		
144	27.3	17.4	26.0#
142	73.6	53.6	80.4





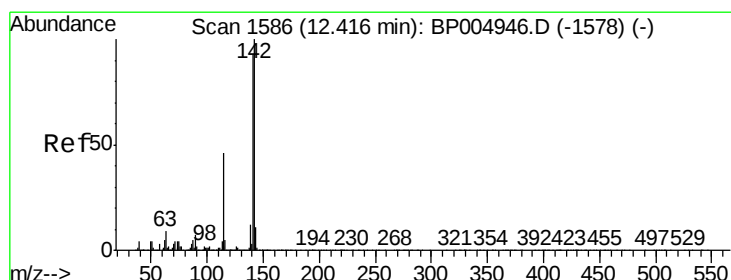
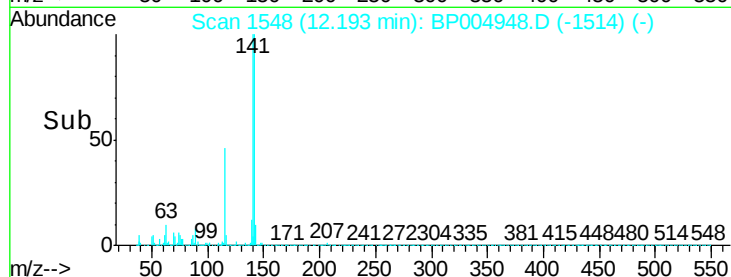
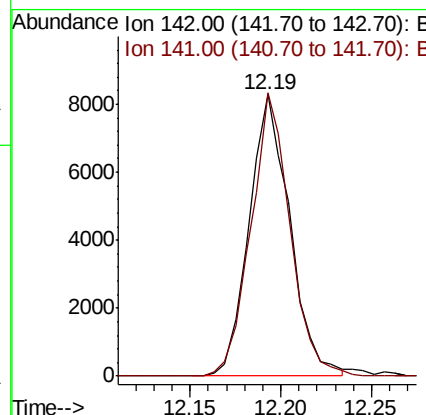
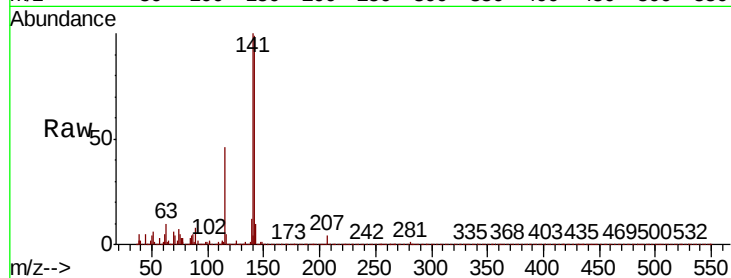
#34
2-Methylnaphthalene
Concen: 2.887 ng/ul
RT: 12.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
142	100		
141	100.5	73.5	110.3

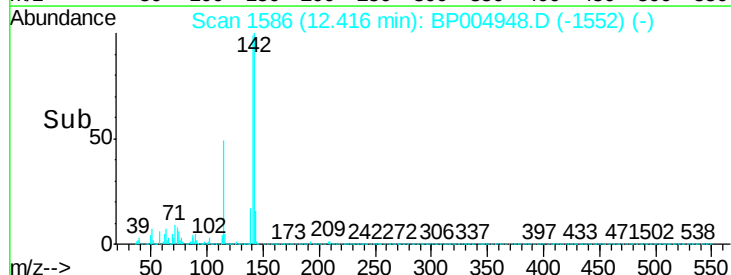
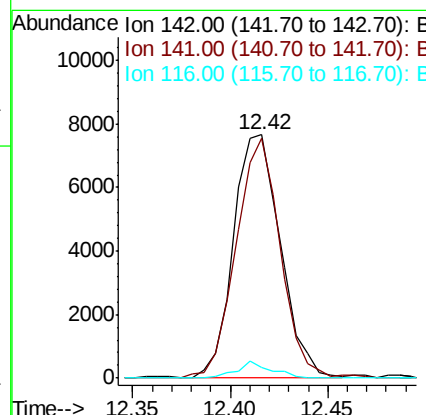
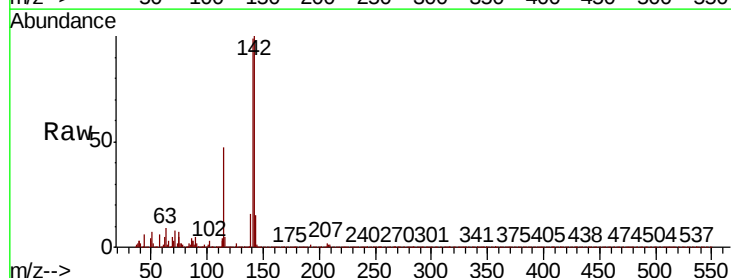
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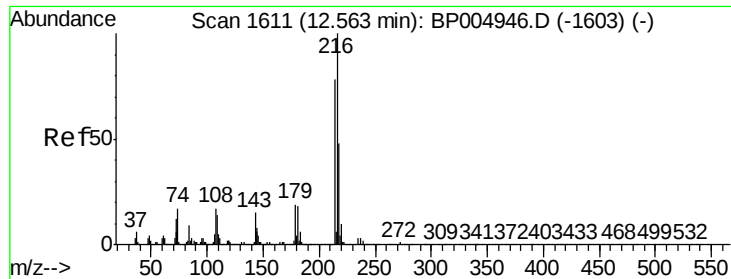
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#35
1-Methylnaphthalene
Concen: 2.908 ng/ul
RT: 12.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.7	74.6	111.8
116	4.6	3.6	5.4





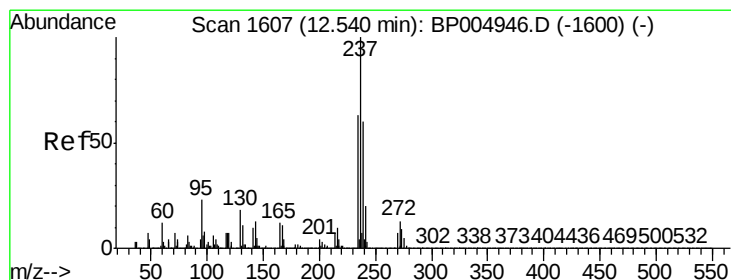
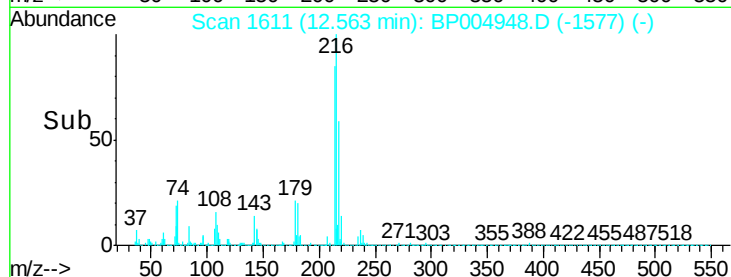
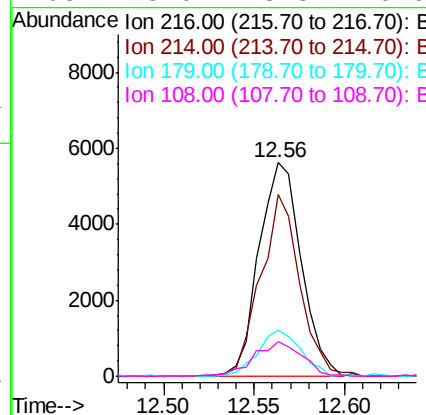
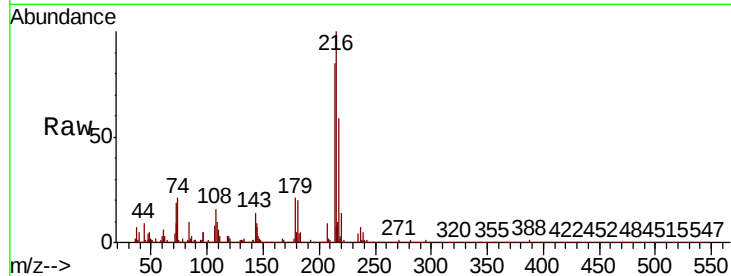
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.381 ng/ul
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.9	94.3
179	19.4	16.6	24.8
108	15.0	13.3	19.9

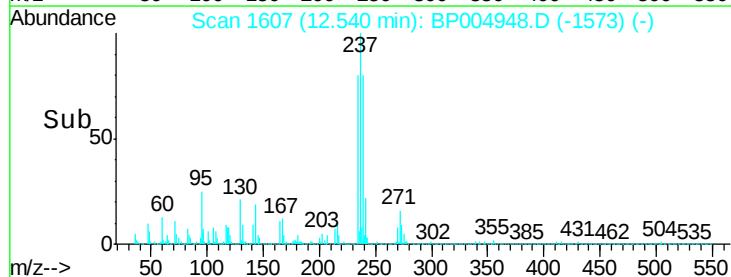
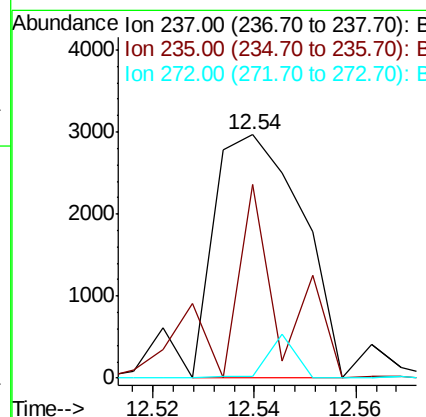
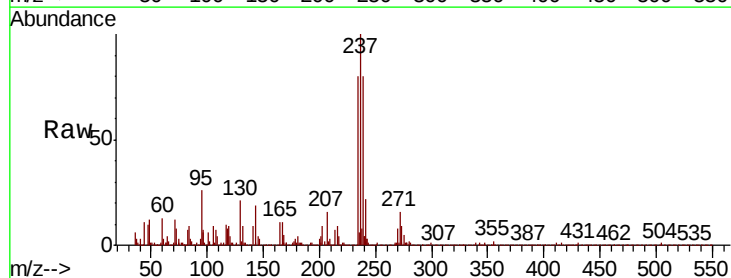
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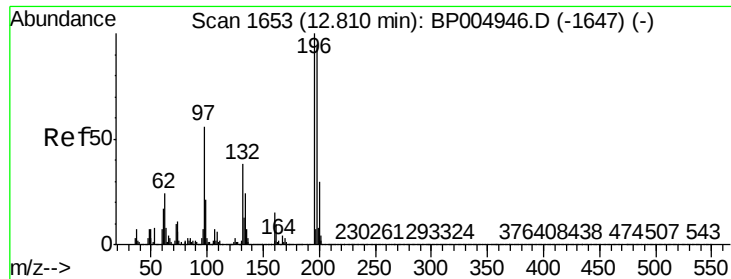
mohammad
 3/10/2021 11:54:26 AM



#38
 Hexachlorocyclopentadiene
 Concen: 2.031 ng/ul
 RT: 12.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
237	100		
235	79.5	49.0	73.6#
272	0.6	10.6	15.8#





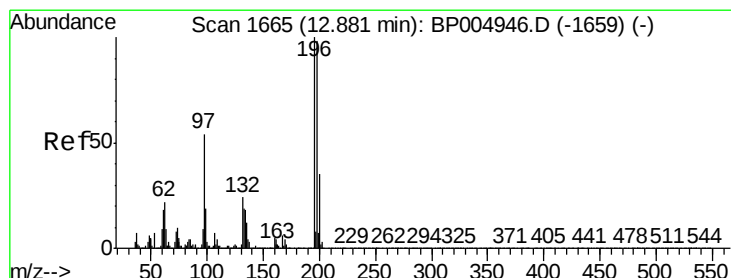
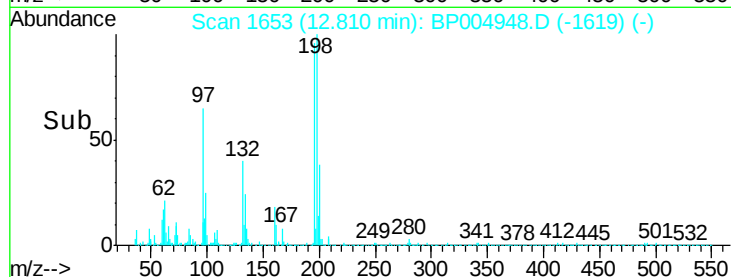
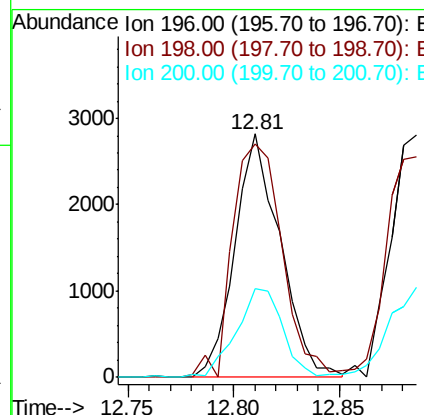
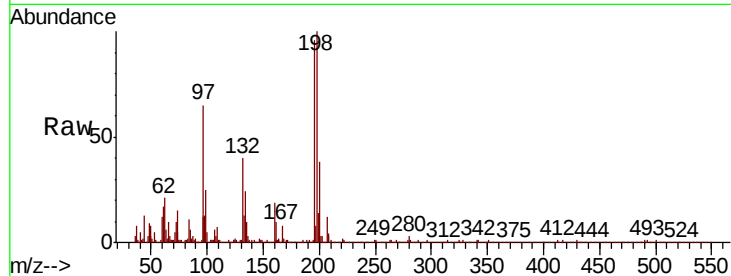
#39
 2,4,6-Trichlorophenol
 Concen: 2.617 ng/ul
 RT: 12.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
196	100		
198	109.6	78.2	117.2
200	36.3	24.5	36.7

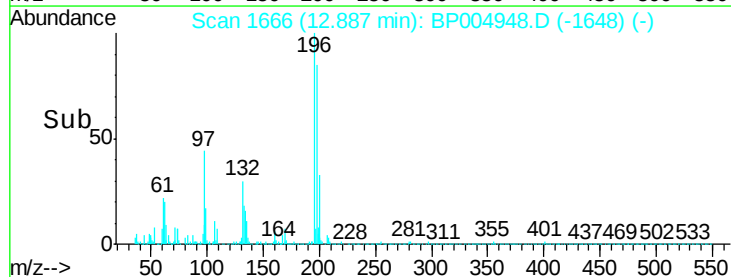
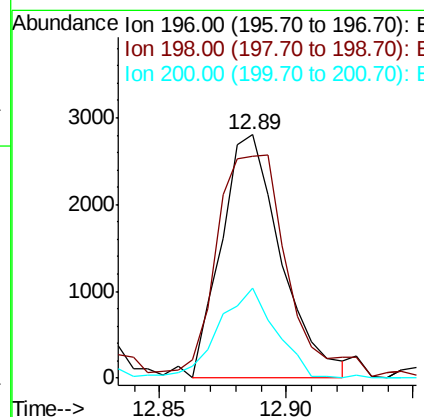
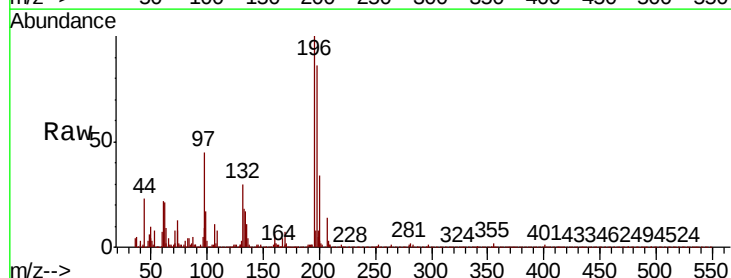
Manual Integrations
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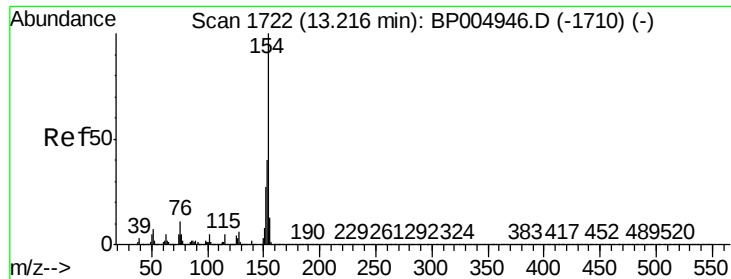
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 2.638 ng/ul
 RT: 12.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	84.8	80.0	120.0
200	34.6	24.8	37.2





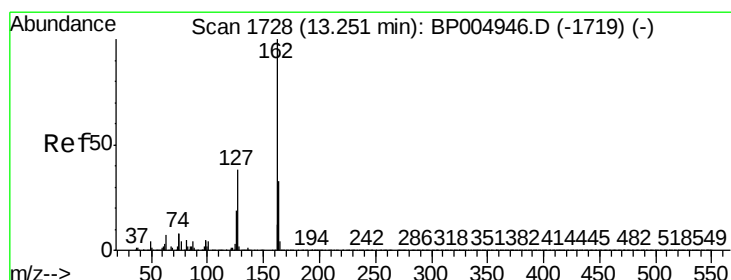
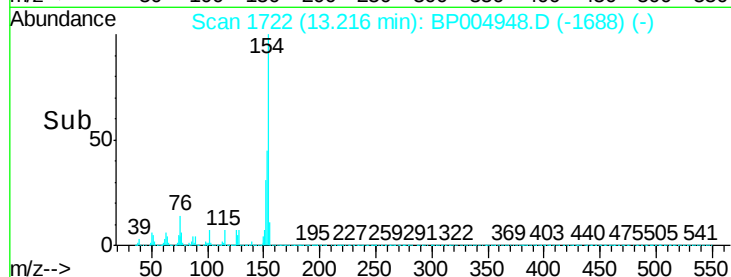
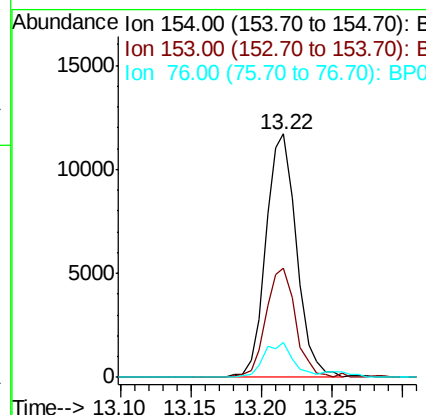
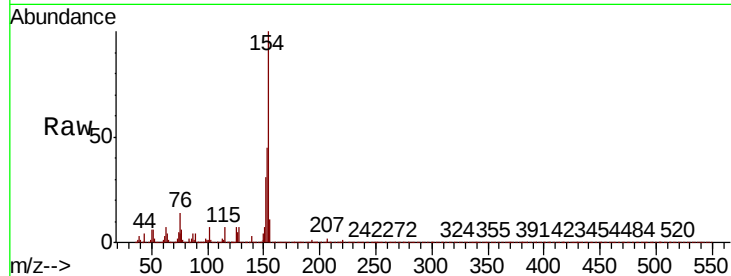
#41
1,1'-Biphenyl
Concen: 3.001 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.6	32.4	48.6
76	14.5	9.8	14.8

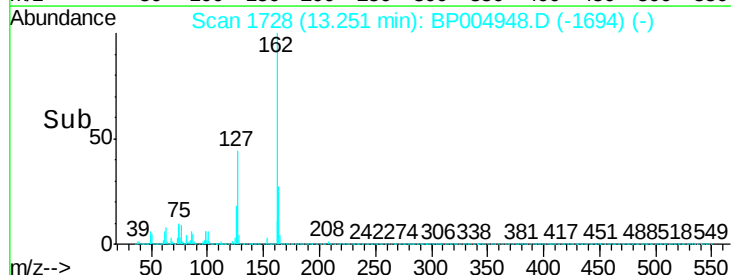
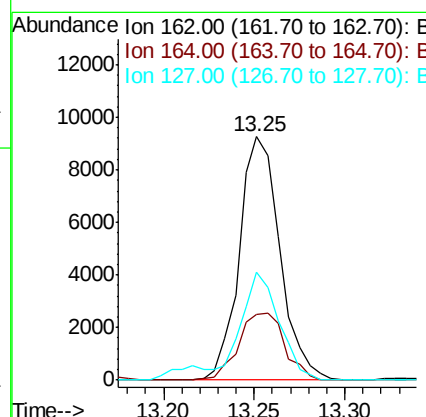
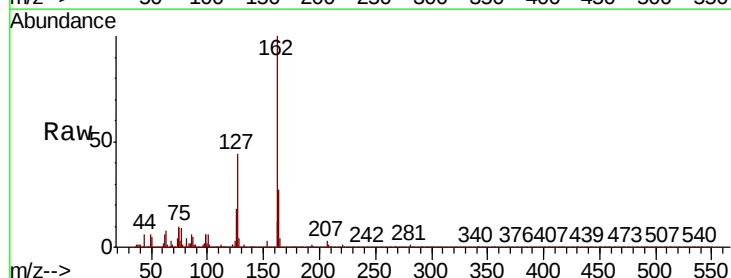
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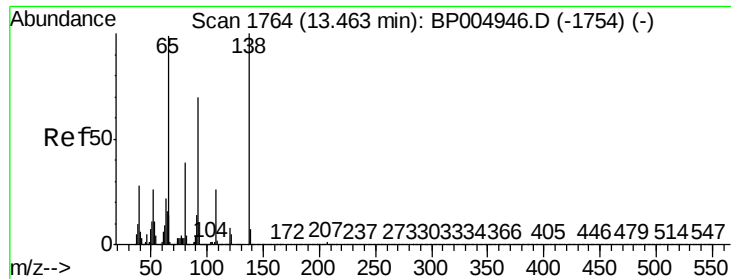
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#42
2-Chloronaphthalene
Concen: 3.101 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
162	100		
164	27.2	28.1	42.1#
127	44.4	32.6	49.0





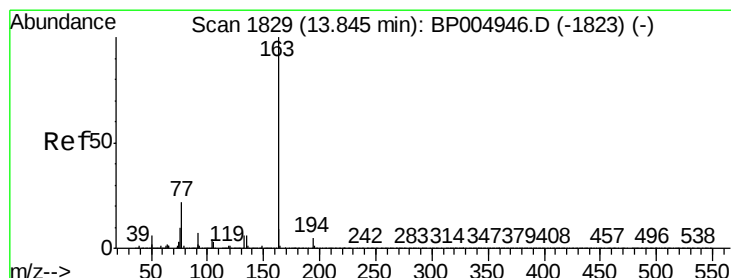
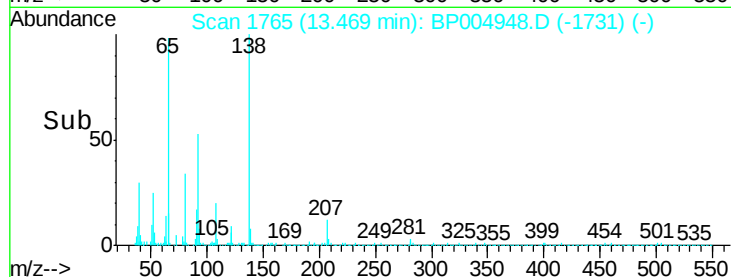
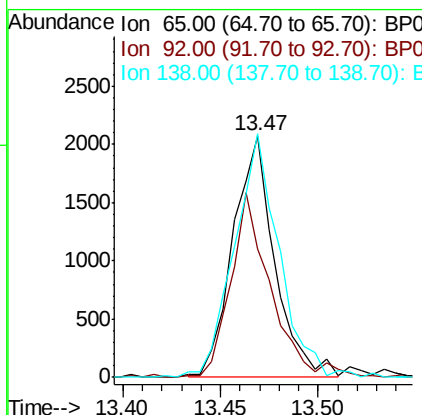
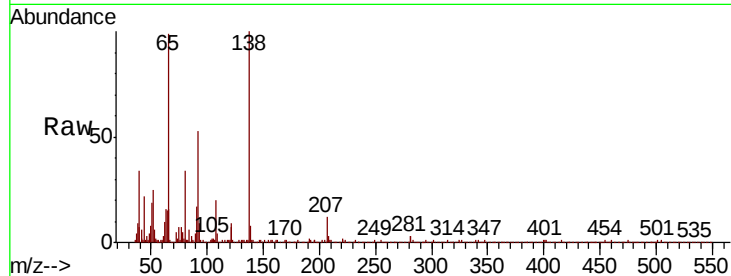
#43
2-Nitroaniline
Concen: 2.281 ng/ul
RT: 13.47 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
65	100		
92	53.3	56.1	84.1#
138	100.8	80.3	120.5

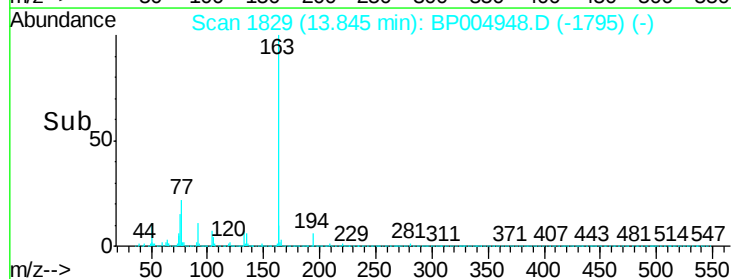
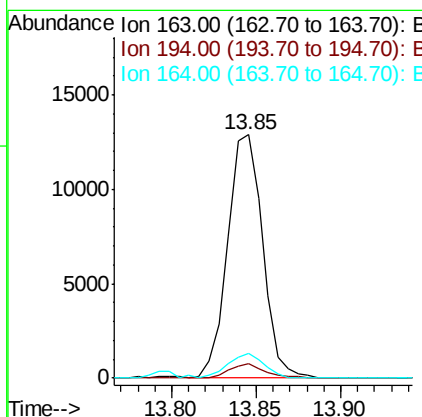
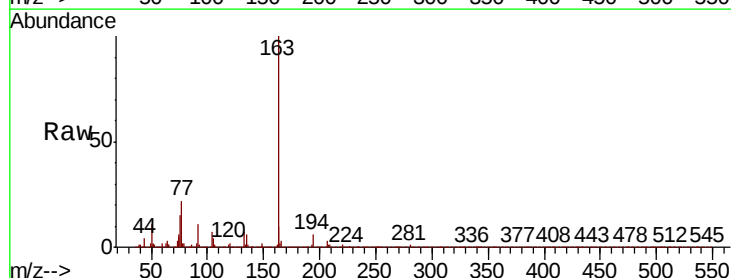
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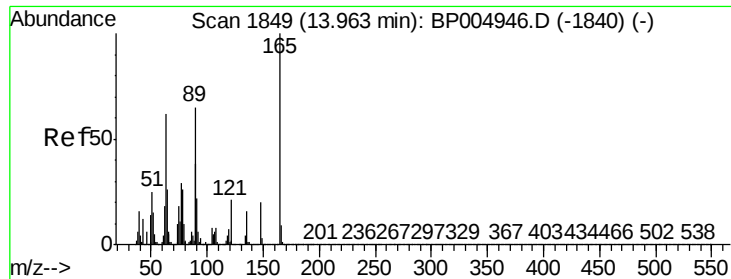
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#45
Dimethylphthalate
Concen: 3.064 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.8	5.6#
164	10.0	7.8	11.6





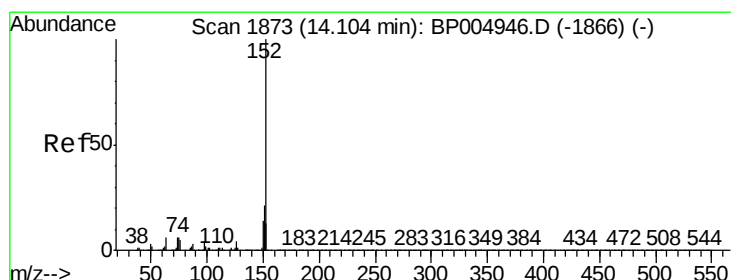
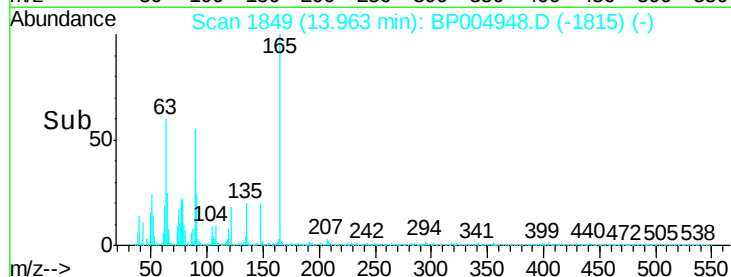
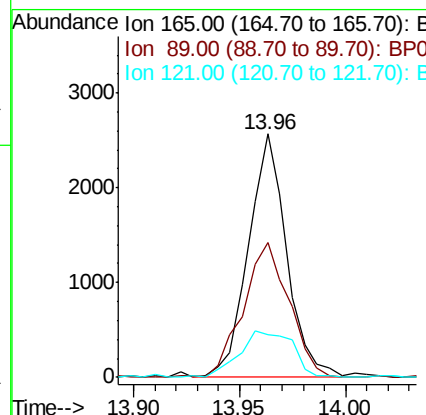
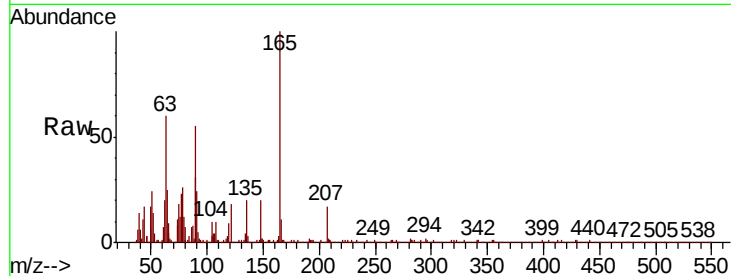
#46
2,6-Dinitrotoluene
Concen: 2.652 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
165	100		
89	55.2	56.0	84.0#
121	17.6	18.7	28.1#

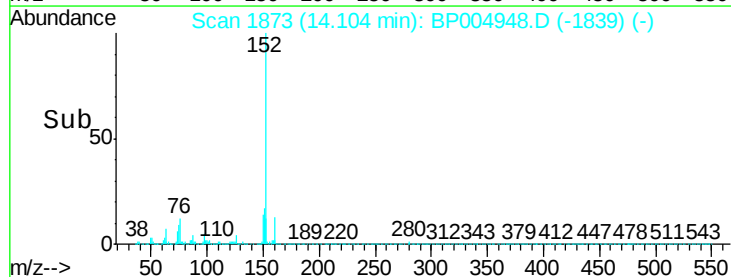
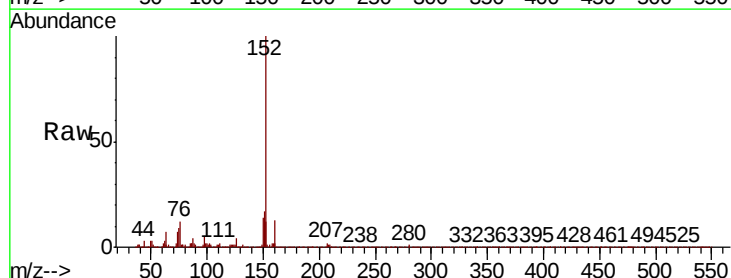
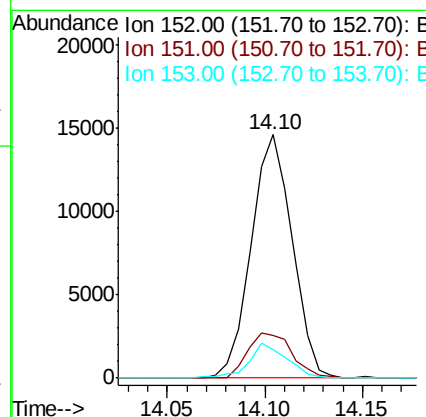
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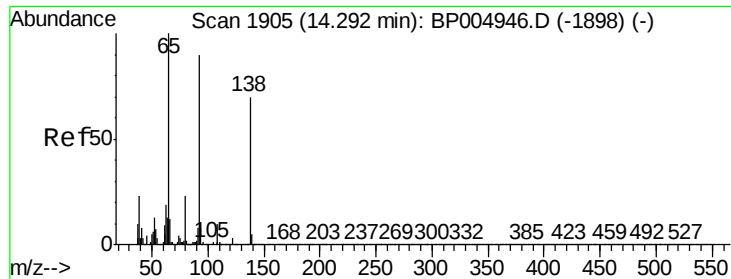
mohammad
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#48
Acenaphthylene
Concen: 3.116 ng/ul
RT: 14.10 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.4	24.6
153	11.7	10.0	15.0





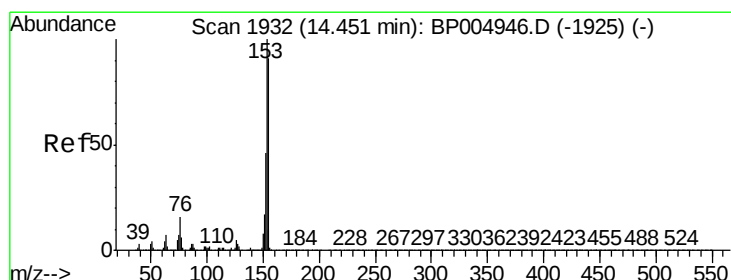
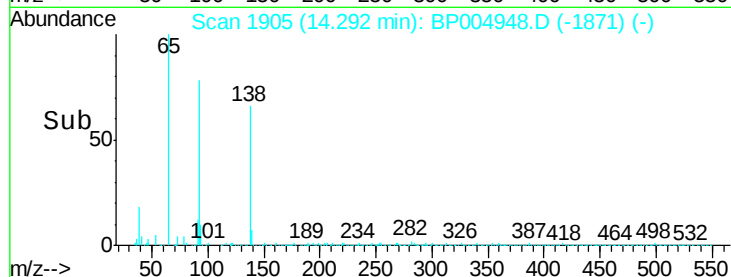
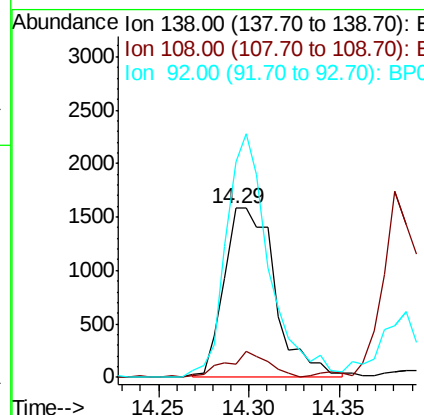
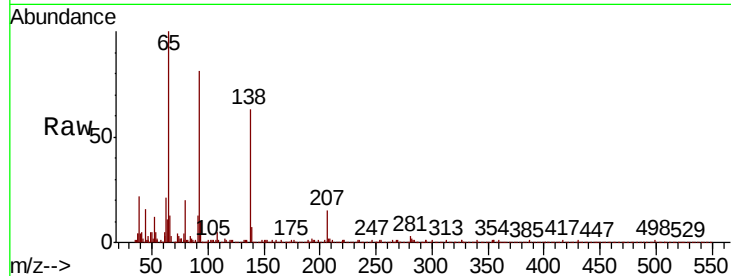
#49
3-Nitroaniline
Concen: 2.866 ng/ul
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.1	9.4	14.2#
92	127.0	99.8	149.8

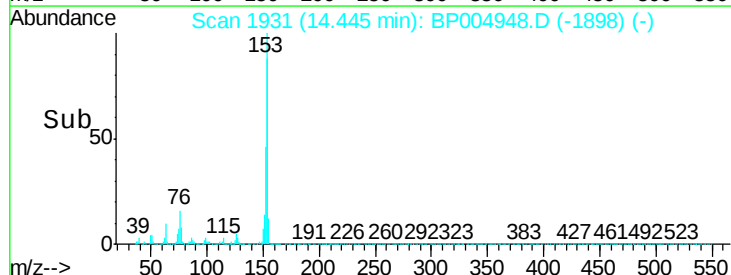
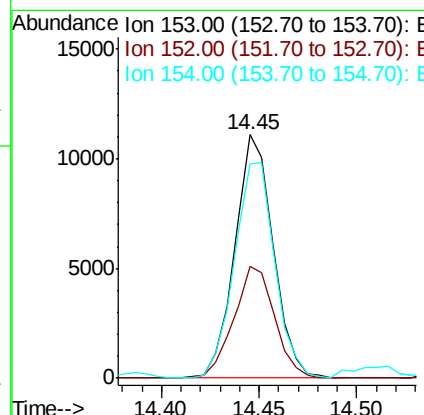
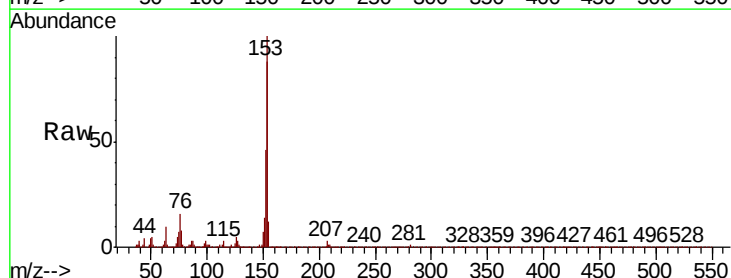
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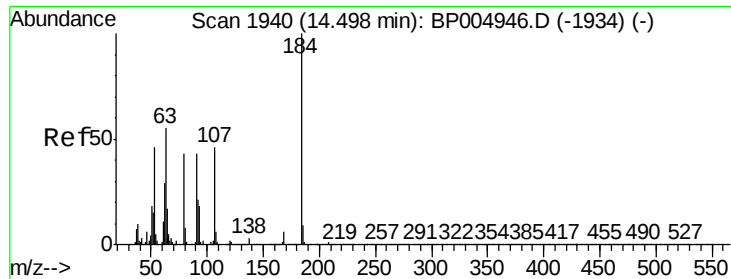
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#50
Acenaphthene
Concen: 2.987 ng/ul
RT: 14.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.8	58.2
154	88.2	71.8	107.6





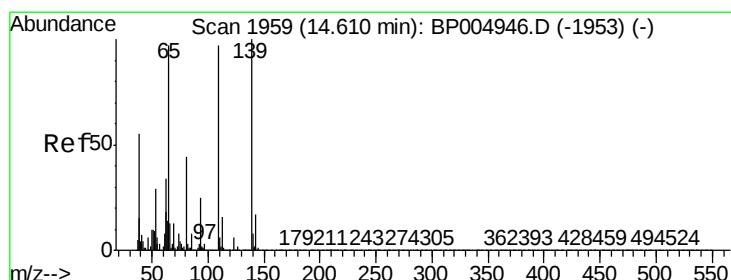
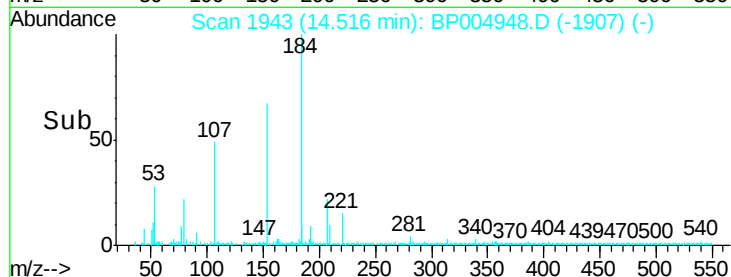
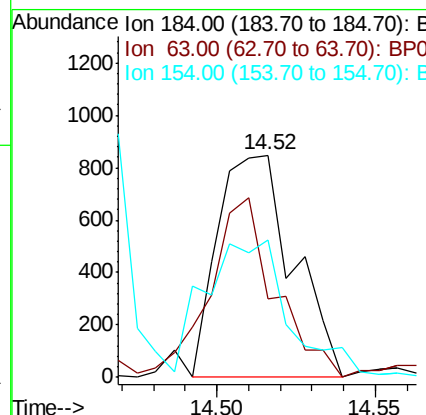
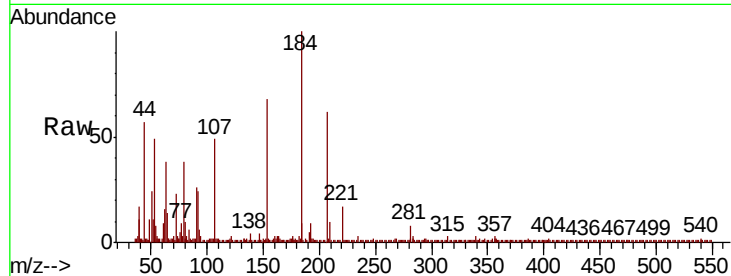
#51
2,4-Dinitrophenol
Concen: 1.737 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
184	100		
63	35.1	51.4	77.0#
154	61.8	43.4	65.2

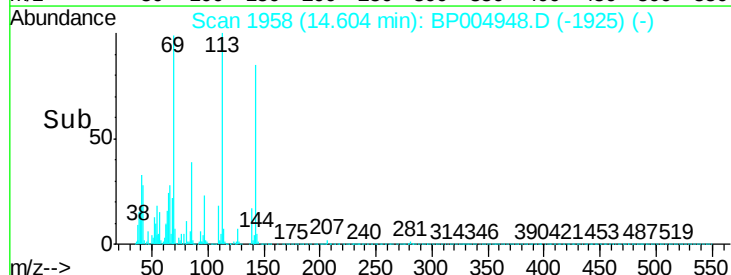
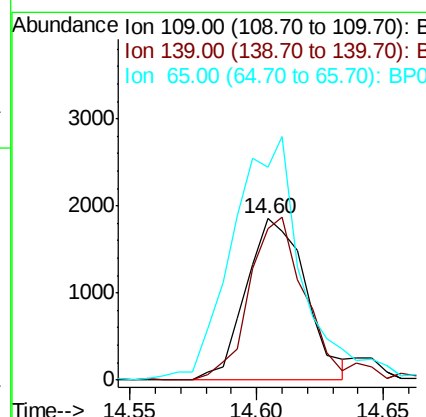
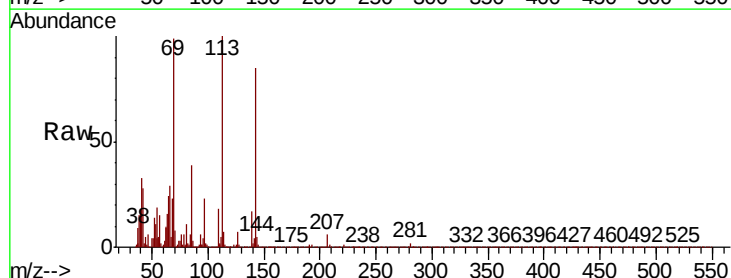
Manual Integrations
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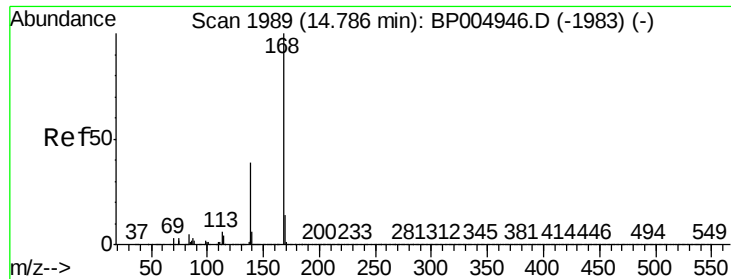
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#53
4-Nitrophenol
Concen: 2.651 ng/ul
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
109	100		
139	94.1	69.7	104.5
65	132.3	79.2	118.8#





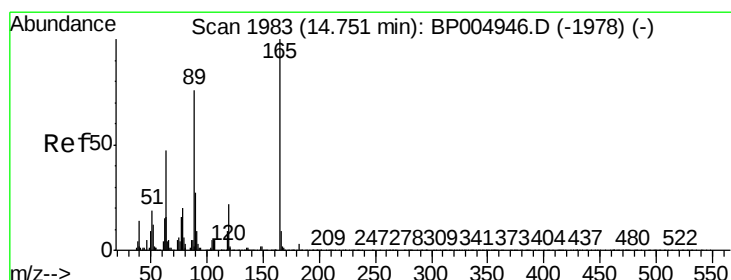
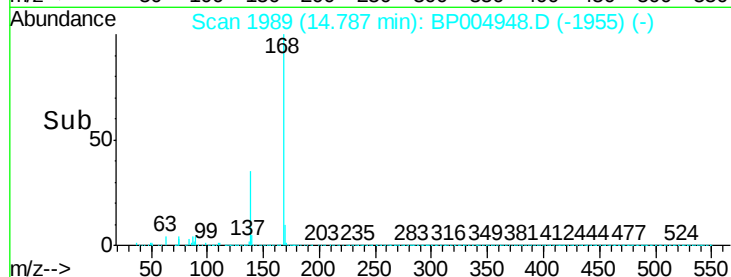
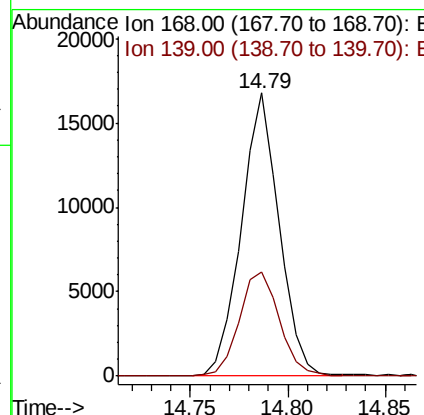
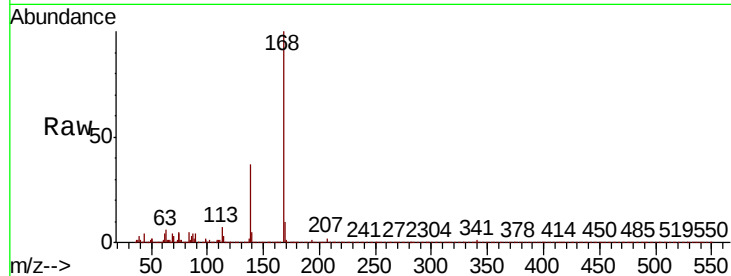
#54
Dibenzofuran
Concen: 3.044 ng/ul
RT: 14.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.6	47.4

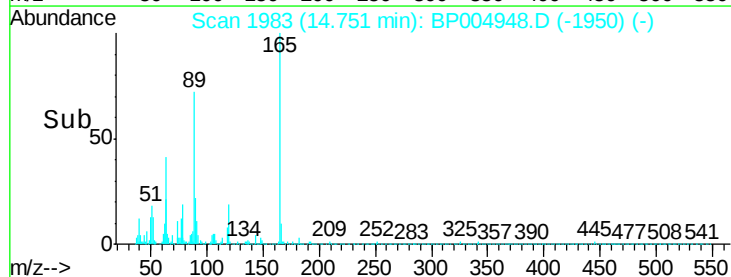
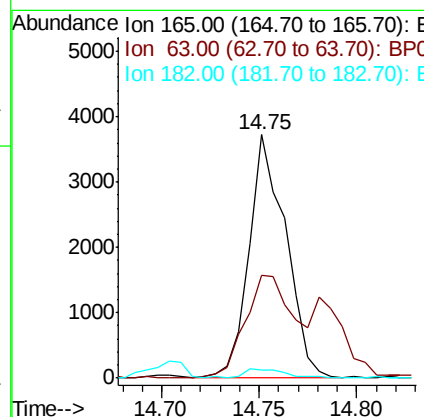
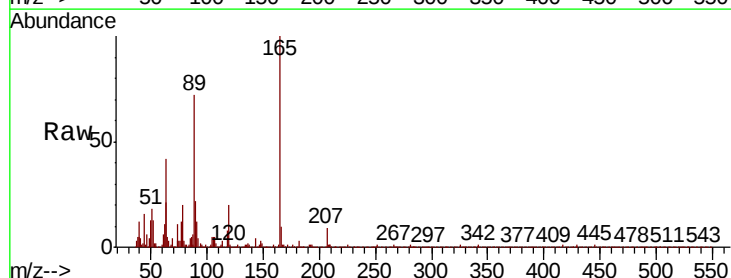
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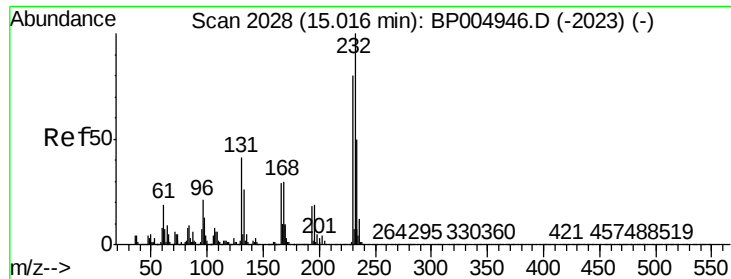
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#55
2,4-Dinitrotoluene
Concen: 2.751 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	38.4	57.6
182	3.1	2.2	3.2





#56

2,3,4,6-Tetrachlorophenol

Concen: 2.756 ng/ul

RT: 15.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

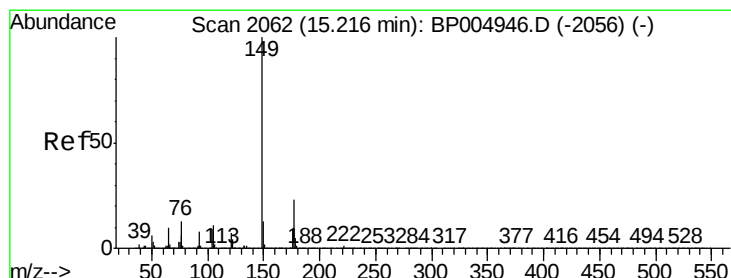
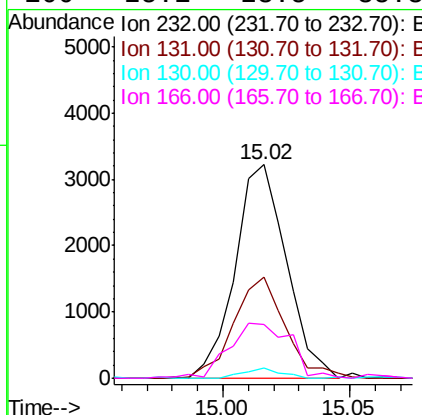
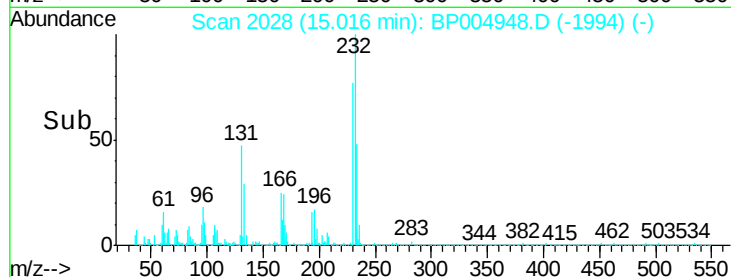
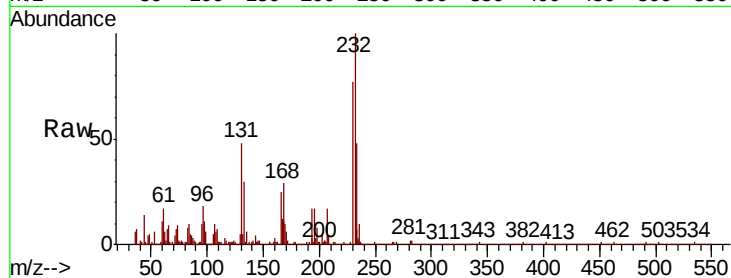
ClientSampleId :

MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.4	32.6	48.8#
130	52.6	3.1	4.7#
166	25.1	23.5	35.3

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#57

Diethylphthalate

Concen: 2.828 ng/ul

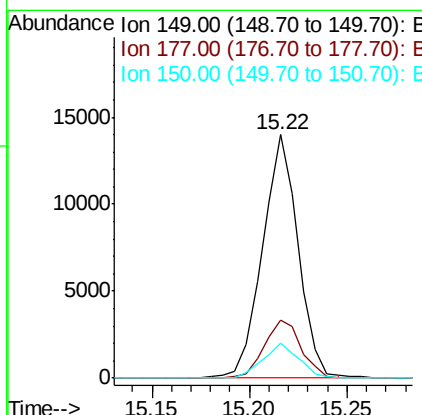
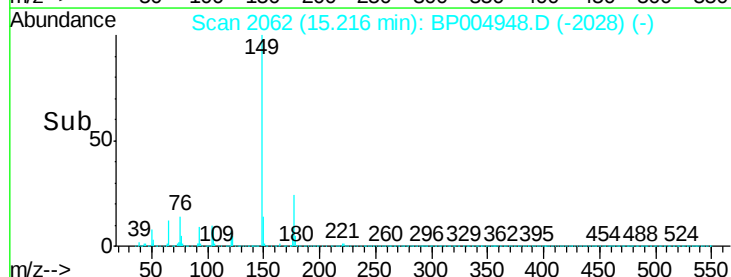
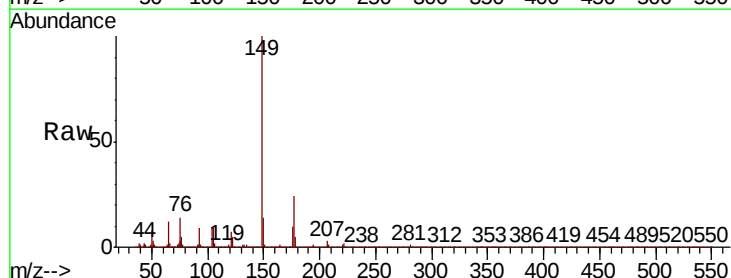
RT: 15.22 min Scan# 2062

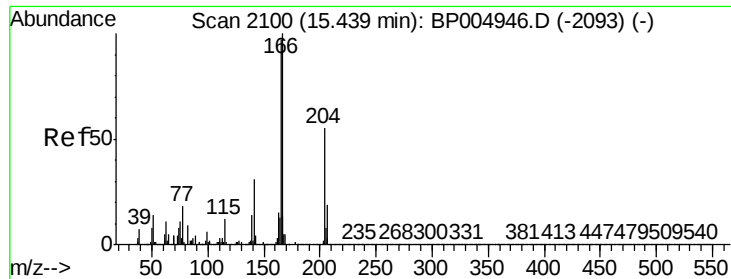
Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.3	25.9
150	14.4	9.8	14.8





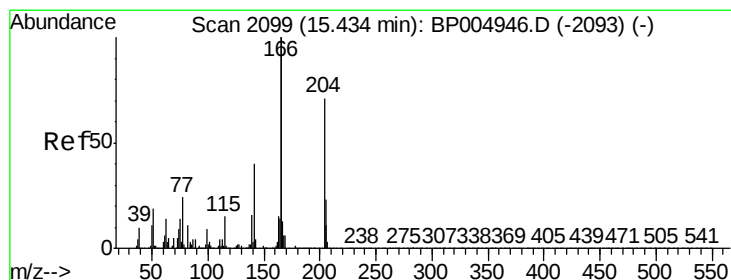
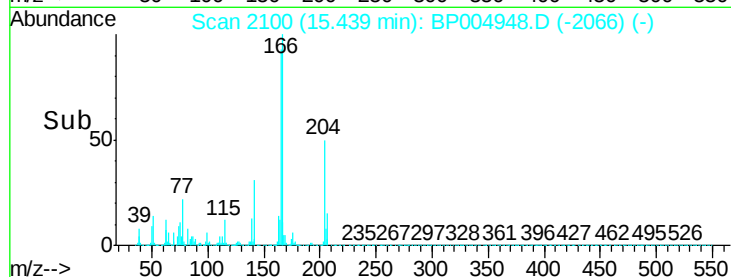
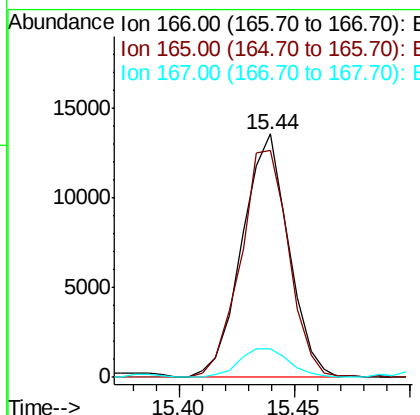
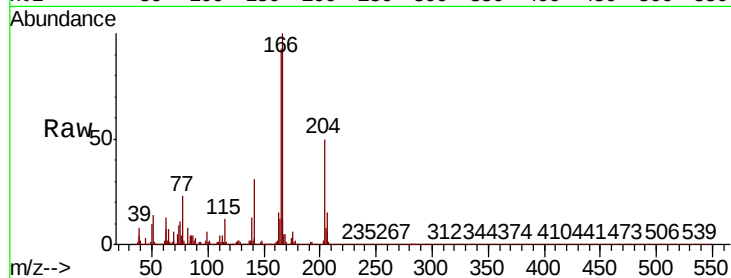
#59
Fluorene
Concen: 3.116 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.2	76.4	114.6
167	11.5	11.4	17.0

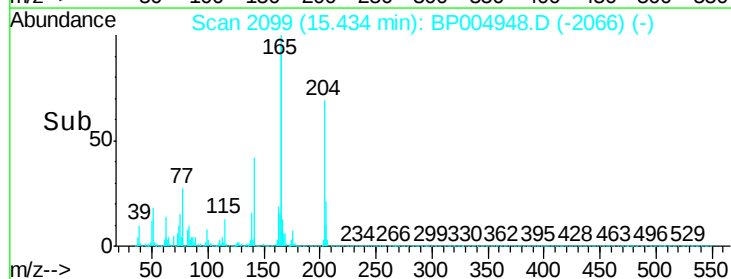
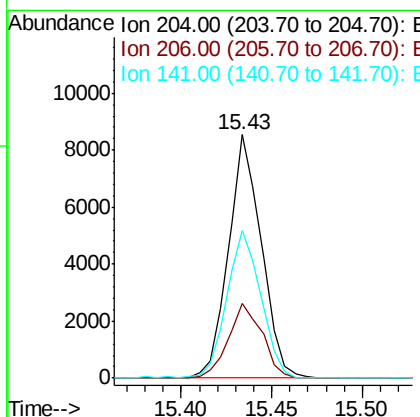
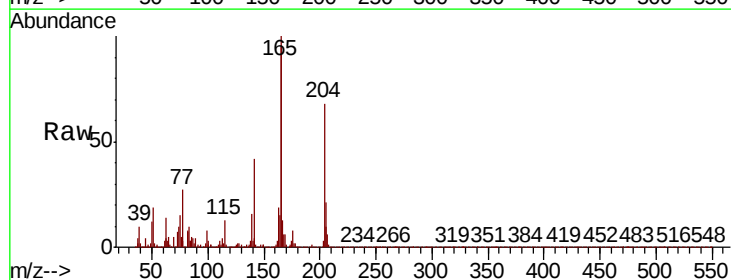
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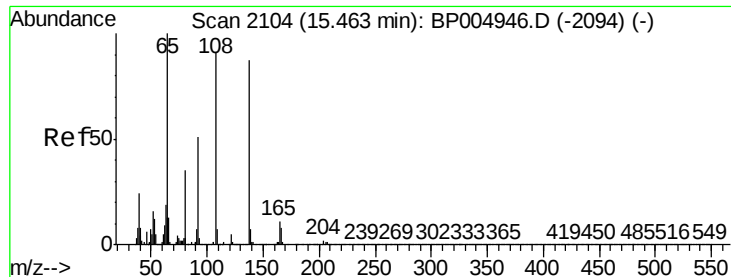
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 3.190 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.9	24.6	37.0
141	60.7	46.8	70.2





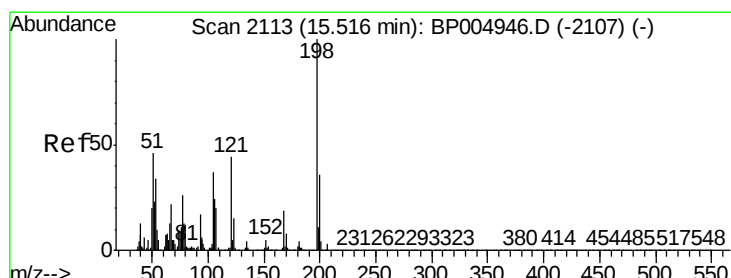
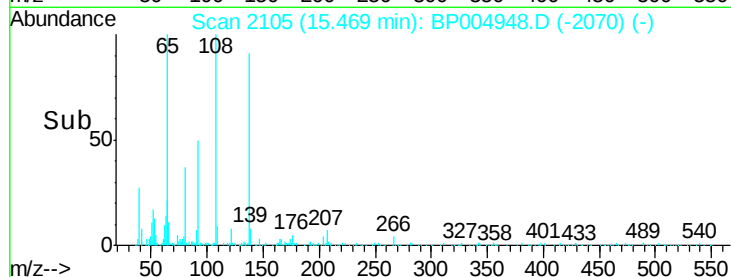
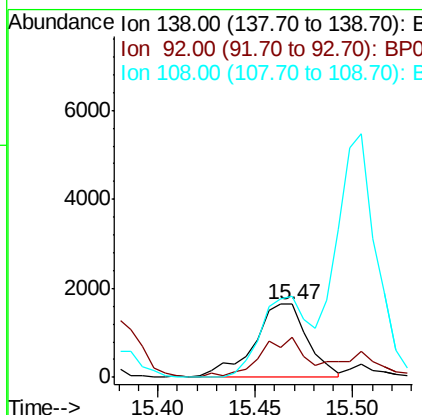
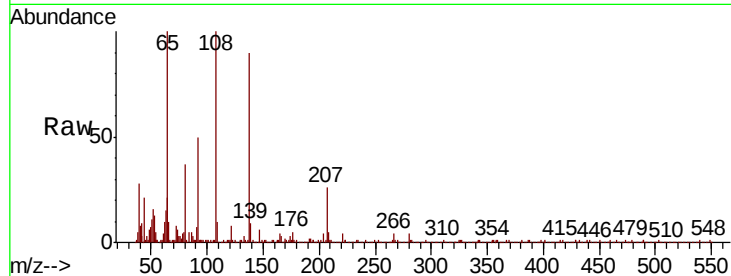
#61
4-Nitroaniline
Concen: 2.483 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampled :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.3	53.8	80.6
108	110.2	99.4	149.0

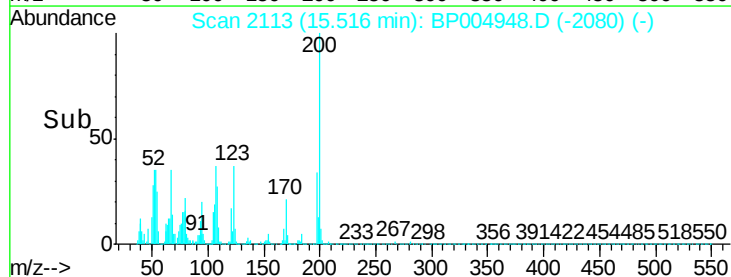
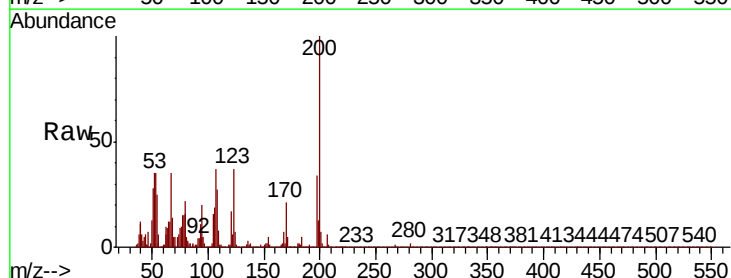
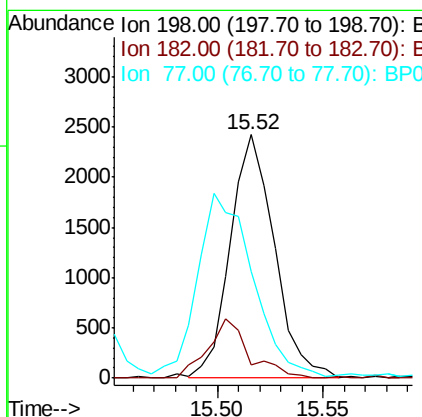
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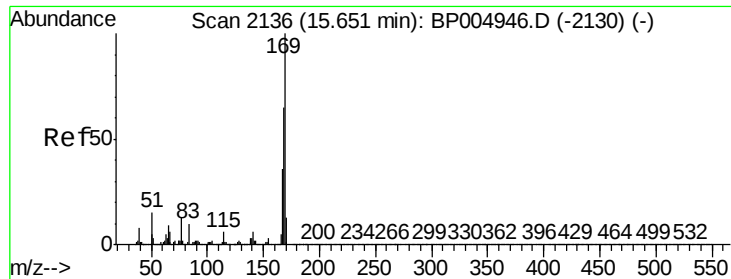
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#64
4,6-Dinitro-2-methylphenol
Concen: 2.853 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
198	100		
182	5.4	3.5	5.3#
77	43.6	23.3	34.9#





#65

N-Nitrosodiphenylamine

Concen: 2.843 ng/ul

RT: 15.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

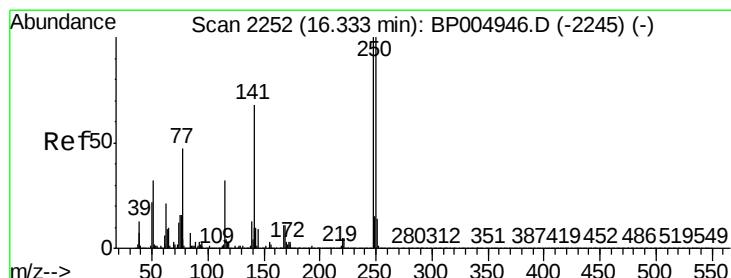
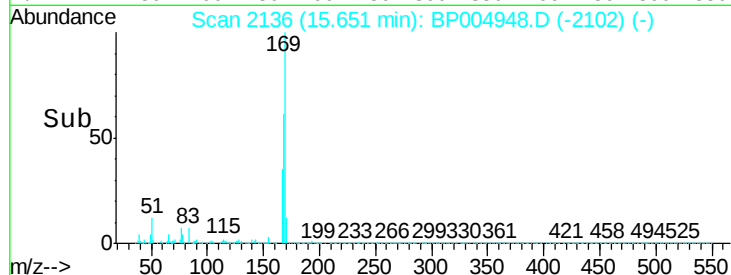
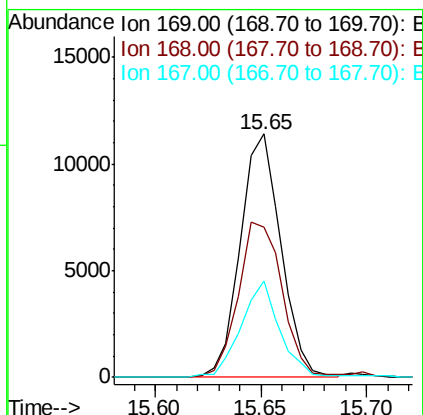
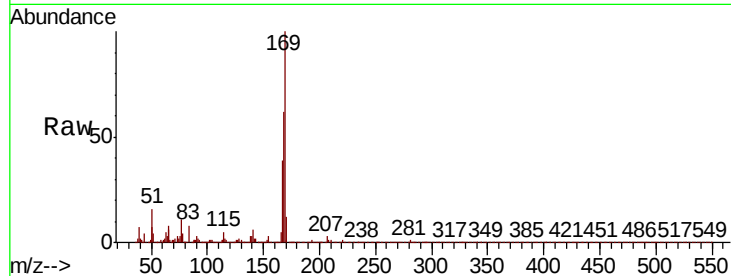
ClientSampleId :

MDL-WATER-06

Tot Ion:	169	Resp:	15091
Ion Ratio	Lower	Upper	
169	100		
168	61.9	51.9	77.9
167	39.4	28.0	42.0

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#66

4-Bromophenyl-phenylether

Concen: 3.092 ng/ul

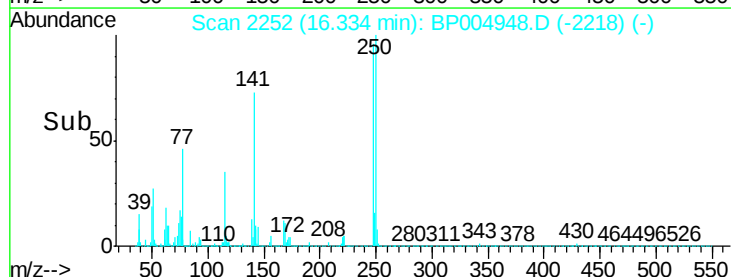
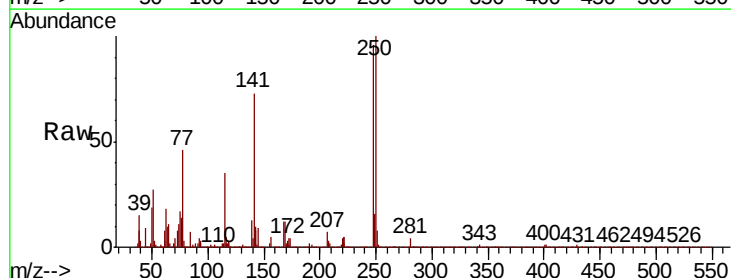
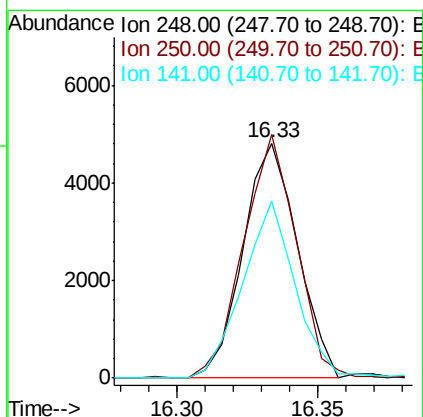
RT: 16.33 min Scan# 2252

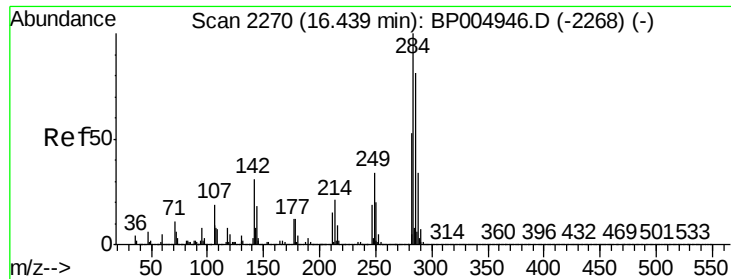
Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion:	248	Resp:	6443
Ion Ratio	Lower	Upper	
248	100		
250	112.4	77.6	116.4
141	75.5	63.6	95.4





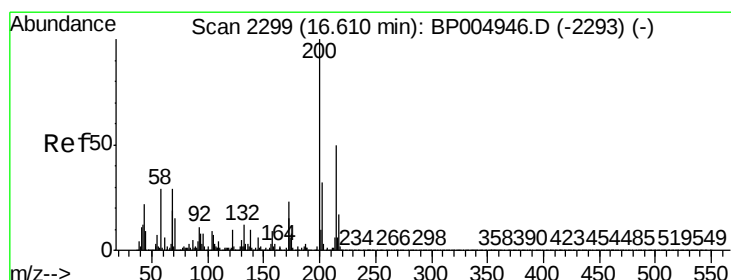
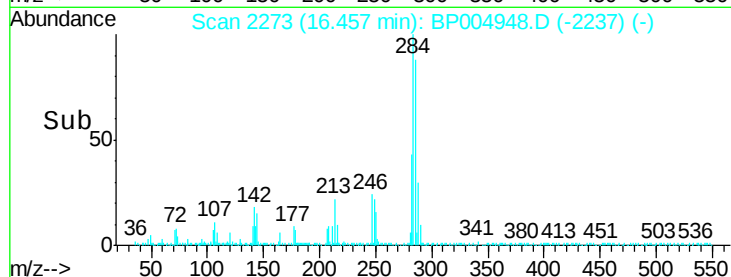
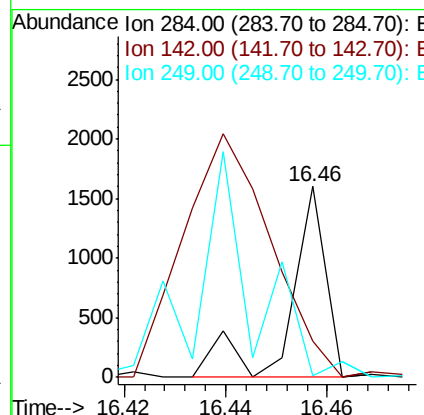
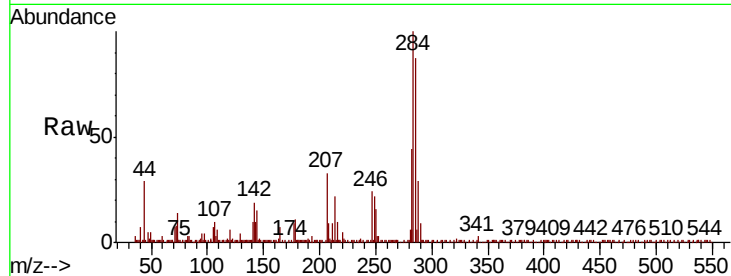
#67
Hexachlorobenzene
Concen: 0.323 ng/ul m
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
284	100		
142	18.8	27.1	40.7#
249	0.7	28.3	42.5#

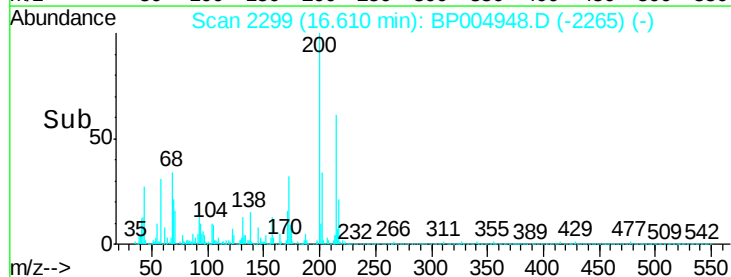
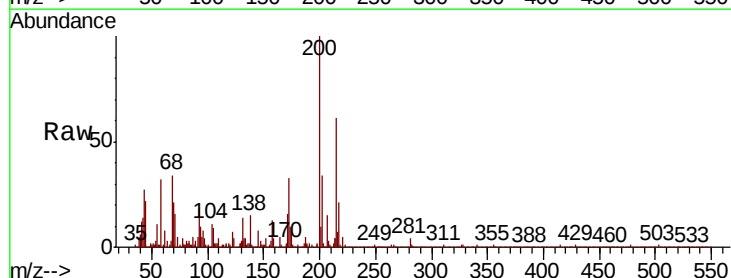
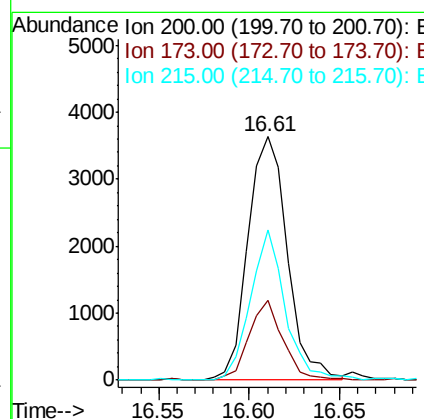
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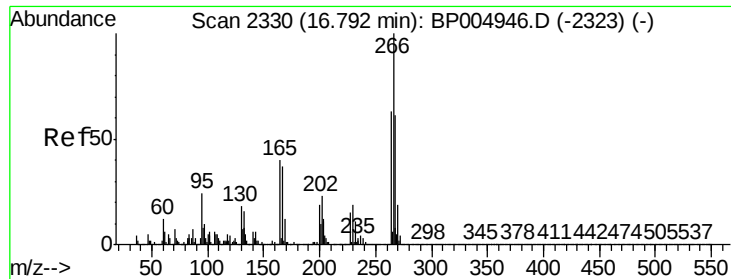
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#68
Atrazine
Concen: 2.583 ng/ul
RT: 16.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.7	20.7	31.1#
215	61.4	38.8	58.2#





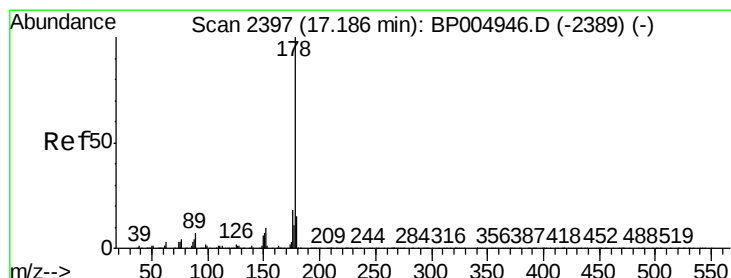
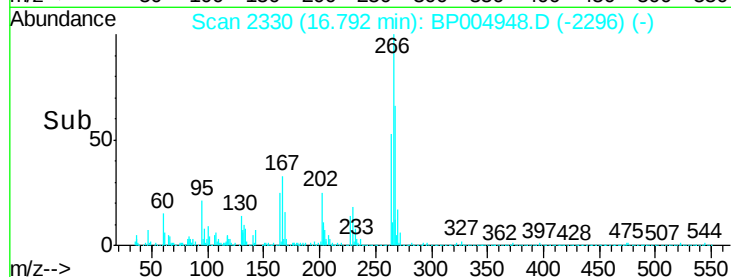
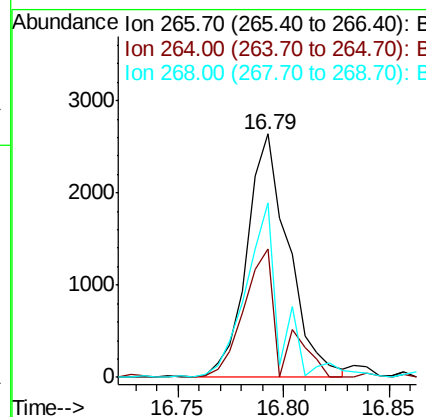
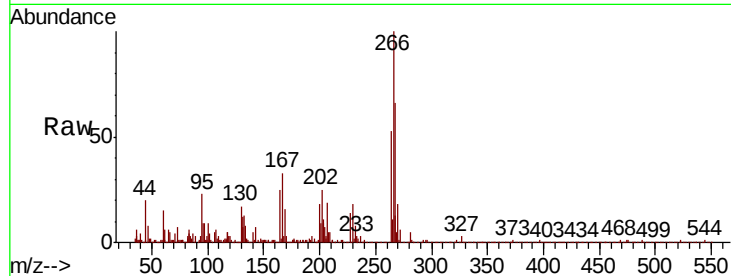
#69
 Pentachlorophenol
 Concen: 2.420 ng/ul
 RT: 16.79 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion:	266	Resp:	3602
Ion Ratio	Lower	Upper	
266	100		
264	64.0	55.8	83.6
268	71.5	52.1	78.1

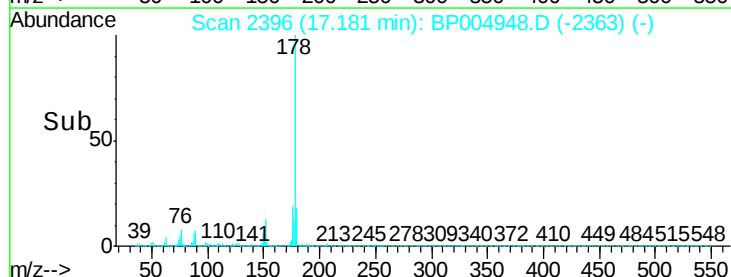
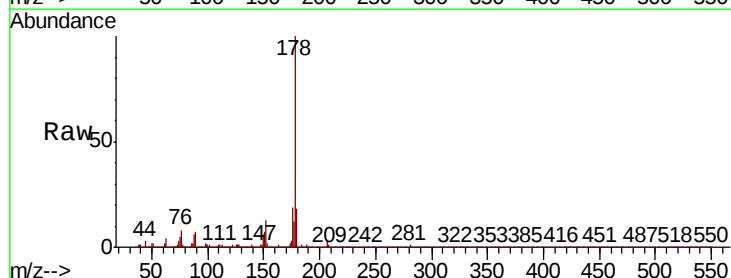
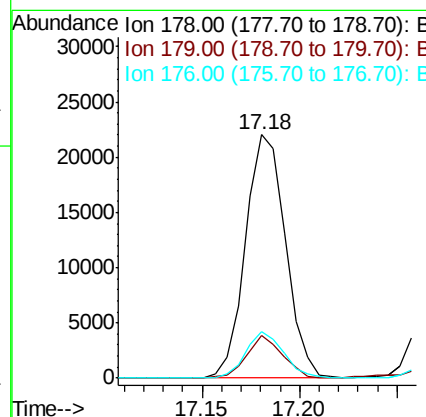
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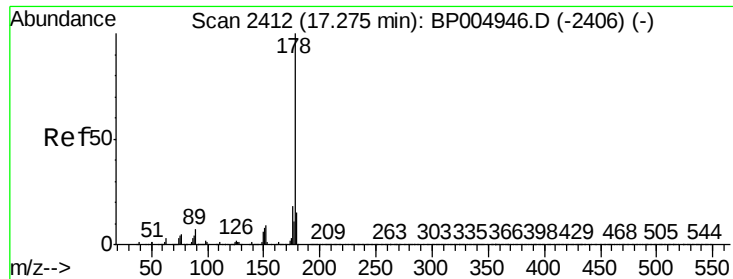
mohammad
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#70
 Phenanthrene
 Concen: 3.114 ng/ul
 RT: 17.18 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Tgt Ion:	178	Resp:	31301
Ion Ratio	Lower	Upper	
178	100		
179	18.8	11.4	17.0#
176	19.2	15.0	22.6





#72

Anthracene

Concen: 3.049 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

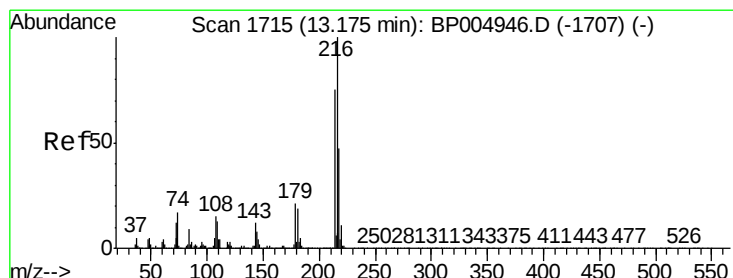
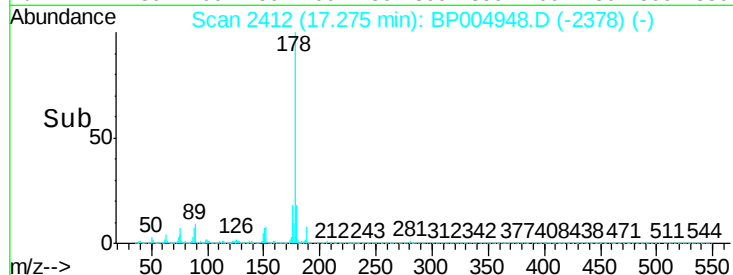
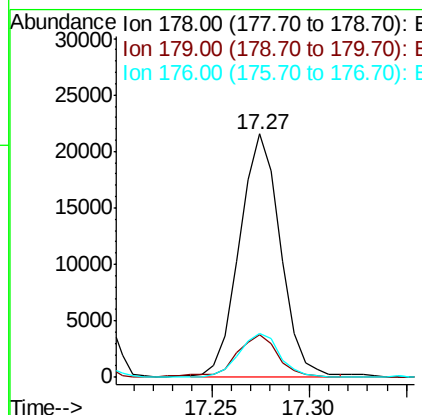
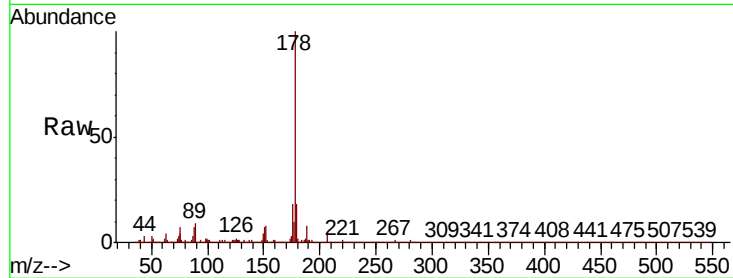
ClientSampleId :

MDL-WATER-06

Tot Ion:	178	Resp:	31442
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.4	18.6
176	18.3	14.7	22.1

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.058 ng/uL

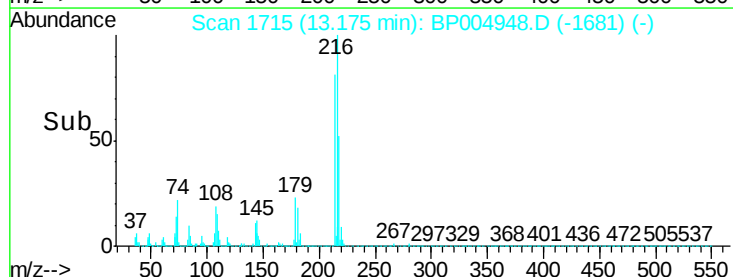
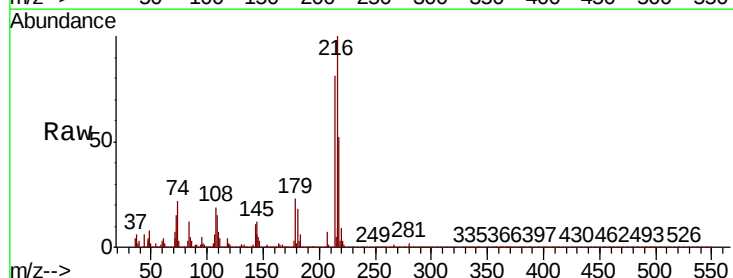
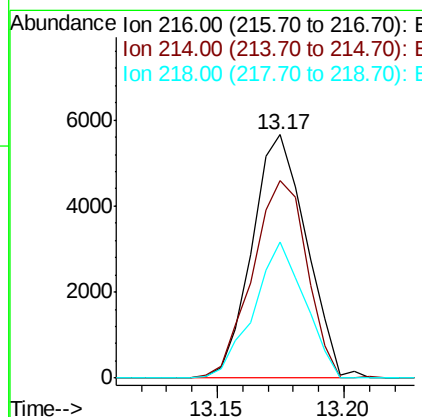
RT: 13.17 min Scan# 1715

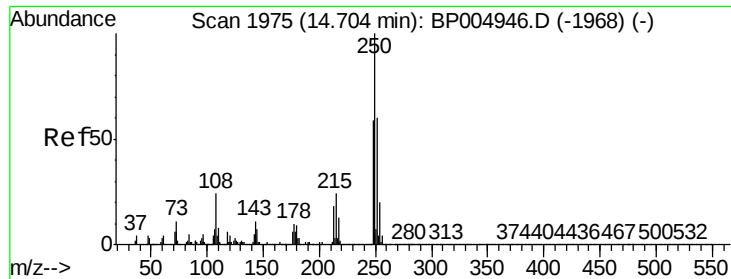
Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion:	216	Resp:	8378
Ion Ratio	Lower	Upper	
216	100		
214	81.0	62.4	93.6
218	55.8	39.6	59.4





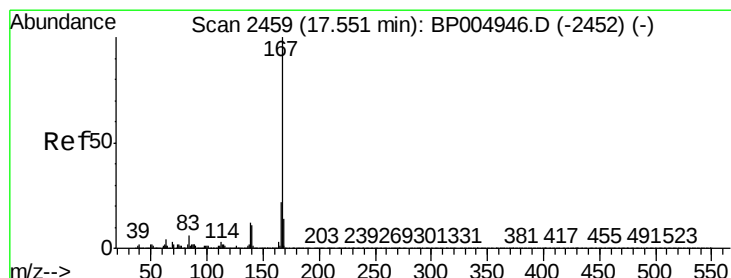
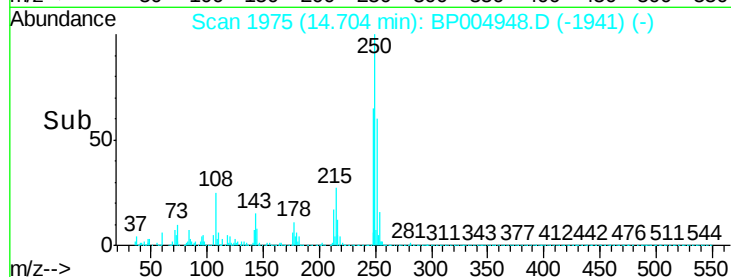
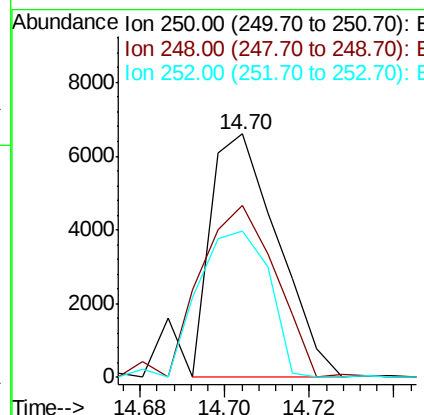
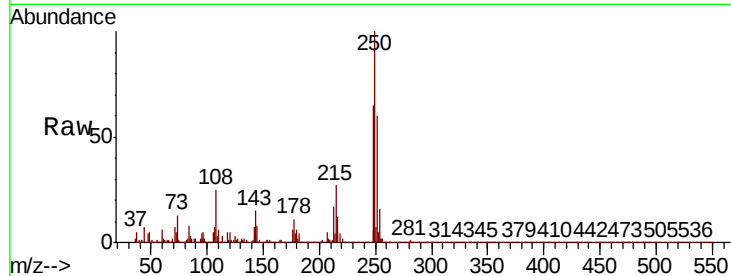
#74
 Pentachlorobenzene
 Concen: 2.612 ng/uL
 RT: 14.70 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
250	100		
248	66.0	52.4	78.6
252	56.3	50.9	76.3

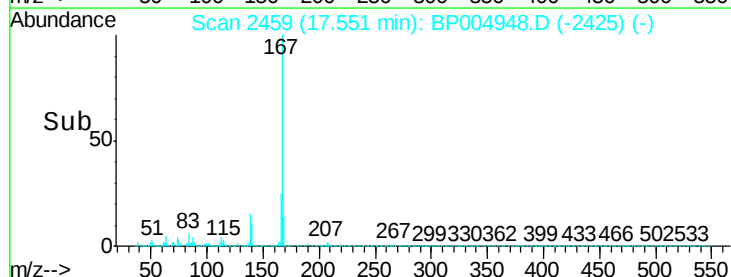
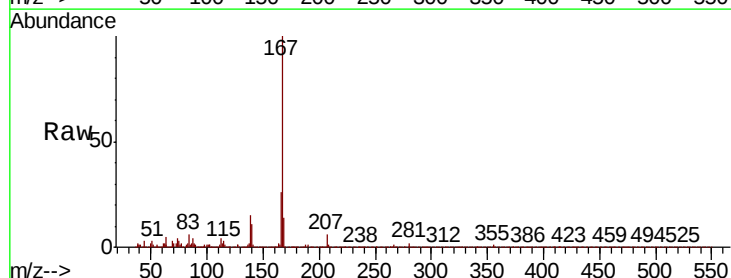
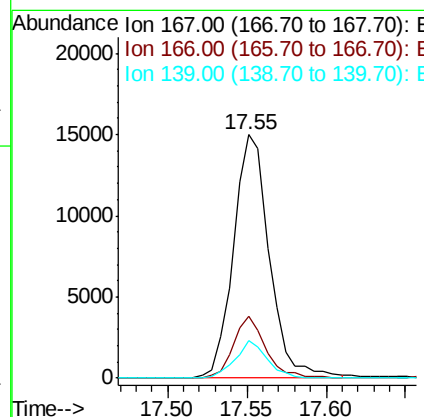
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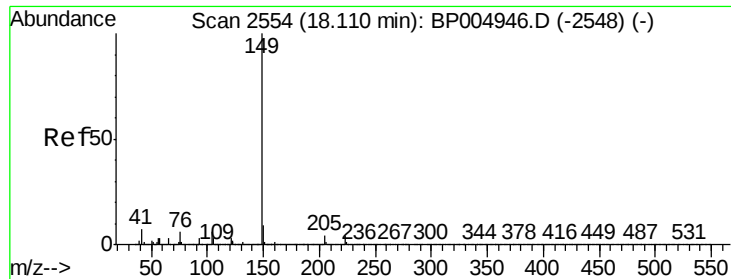
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#75
 Carbazole
 Concen: 2.650 ng/uL
 RT: 17.55 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.3	25.9
139	15.2	10.5	15.7





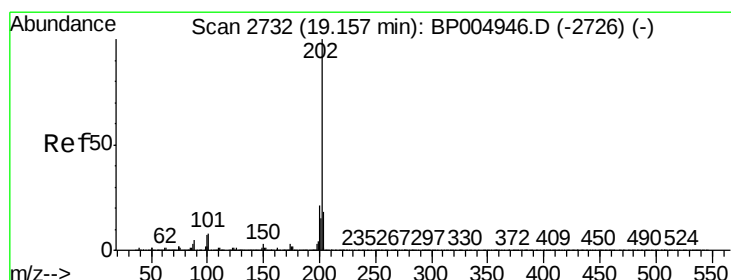
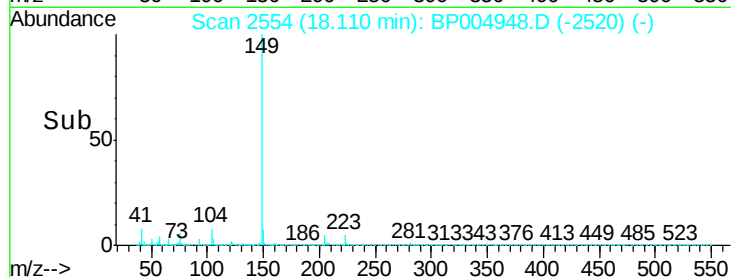
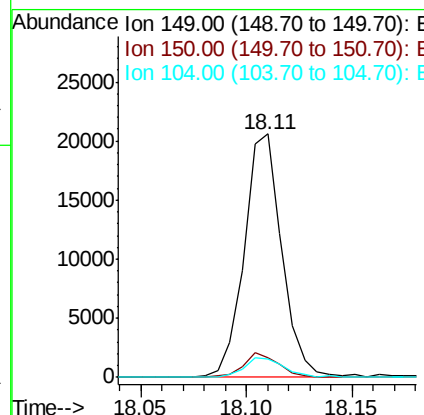
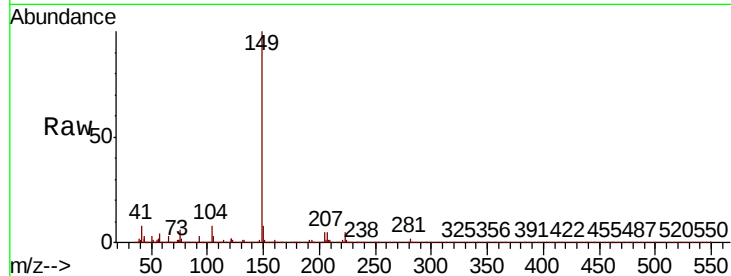
#76
Di-n-butylphthalate
Concen: 2.445 ng/ul
RT: 18.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.0	7.8	11.8
104	7.7	5.3	7.9

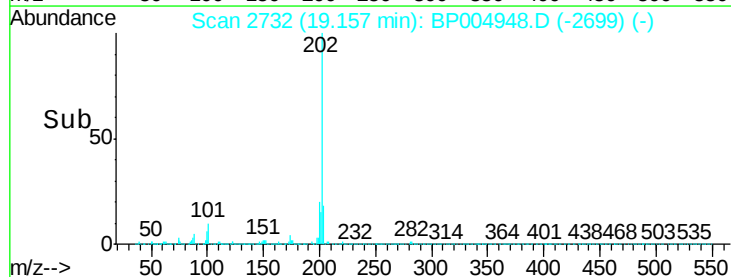
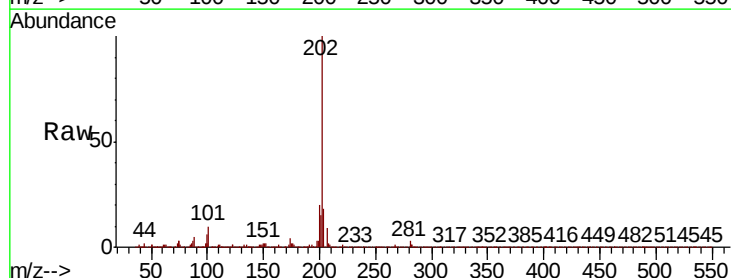
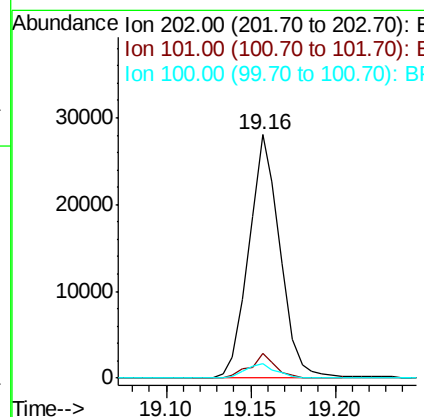
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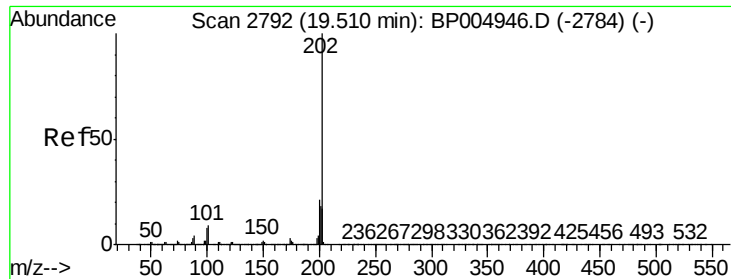
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#77
Fluoranthene
Concen: 2.937 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.0	10.6
100	5.7	5.7	8.5





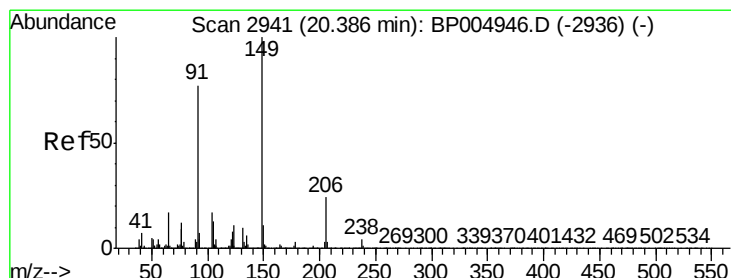
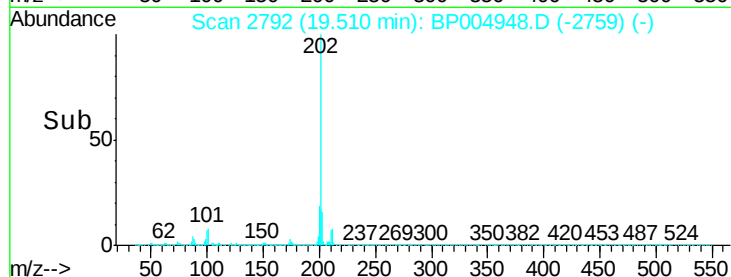
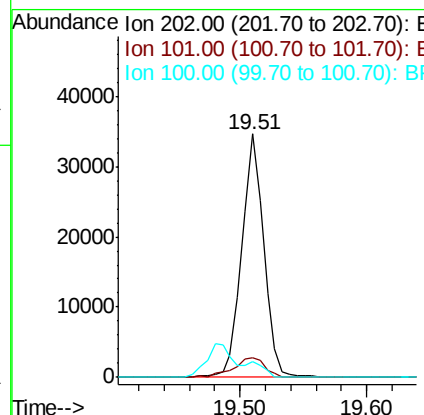
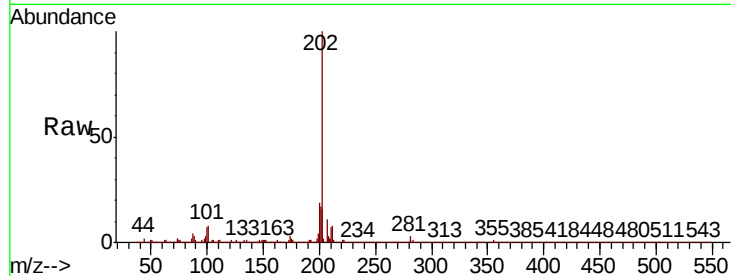
#80
Pvrene
Concen: 3.008 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	7.9	11.9#
100	6.7	6.8	10.2#

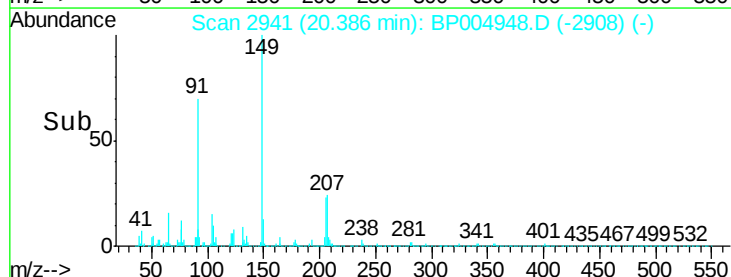
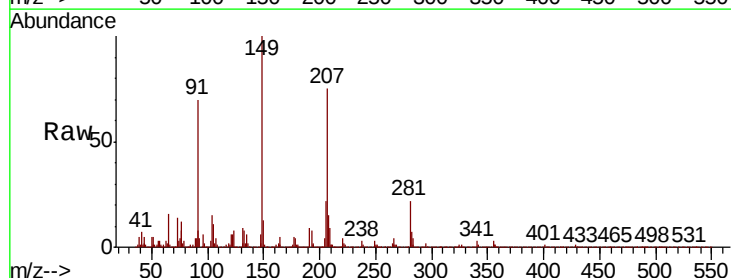
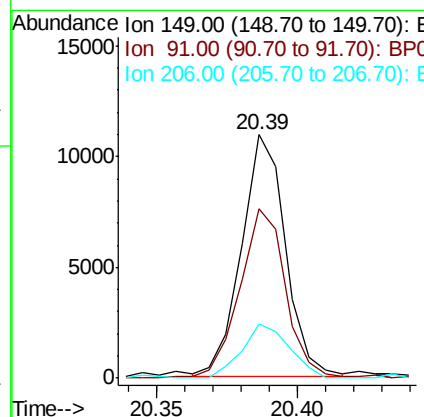
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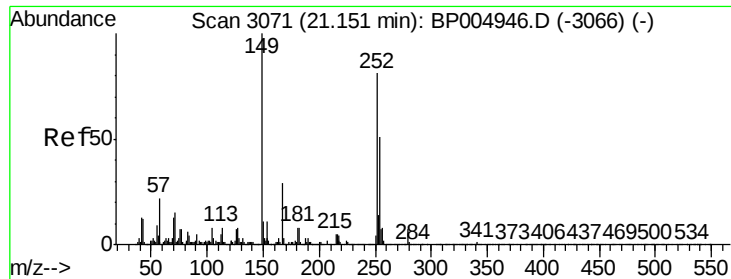
mohammad
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#81
Butylbenzylphthalate
Concen: 2.375 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.5	59.4	89.2
206	22.3	19.0	28.6





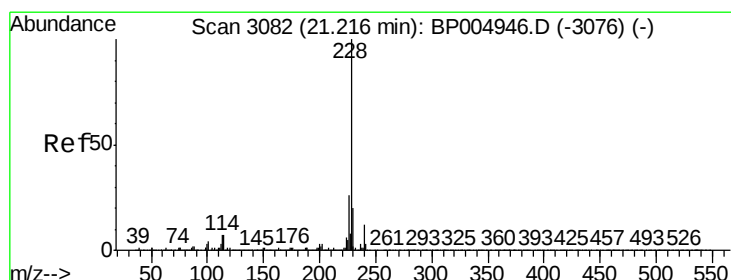
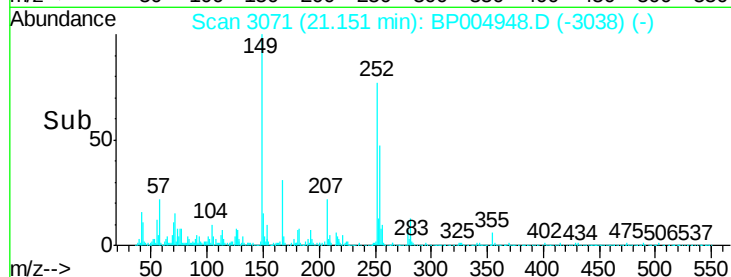
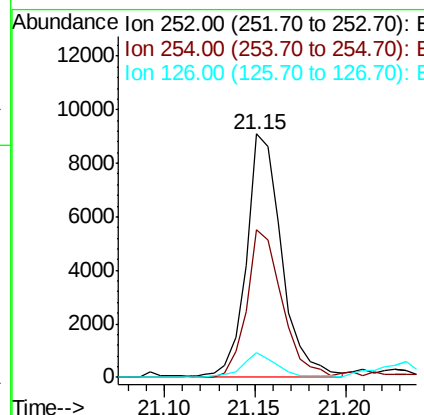
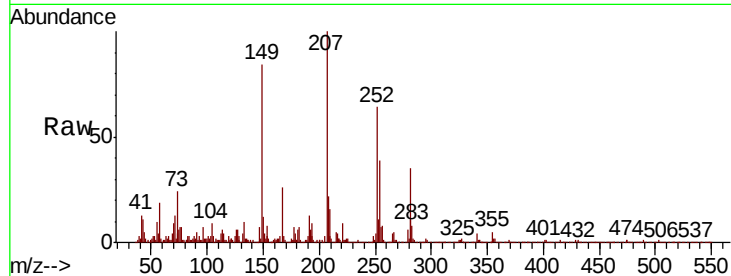
#82
 3,3'-Dichlorobenzidine
 Concen: 2.622 ng/ul
 RT: 21.15 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.4	50.6	75.8
126	10.1	7.5	11.3

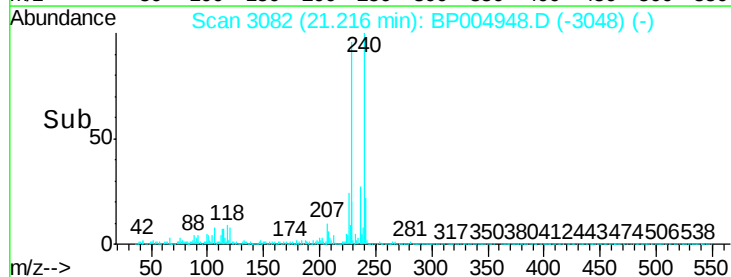
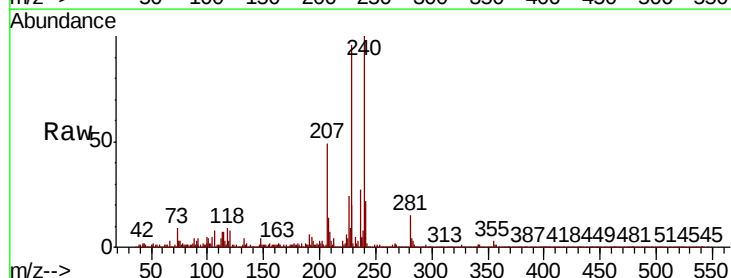
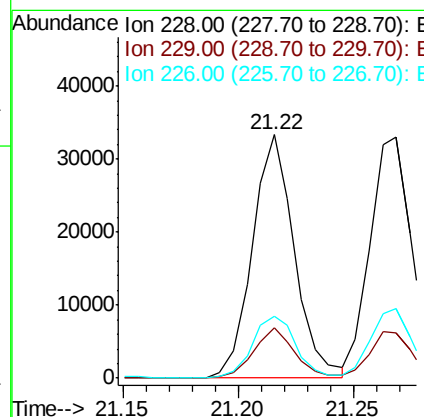
Manual Integrations
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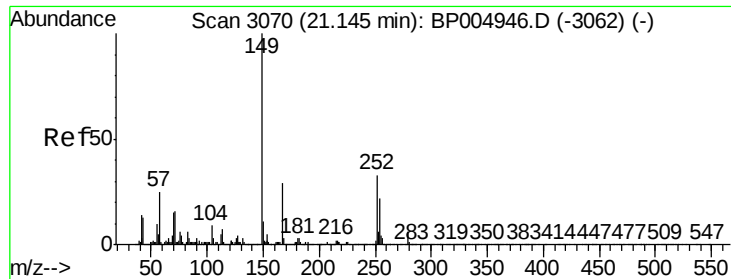
mohammad
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#83
 Benzo(a)anthracene
 Concen: 3.050 ng/ul
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.0	22.4
226	25.4	21.2	31.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.286 ng/ul

RT: 21.15 min Scan# 3070

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

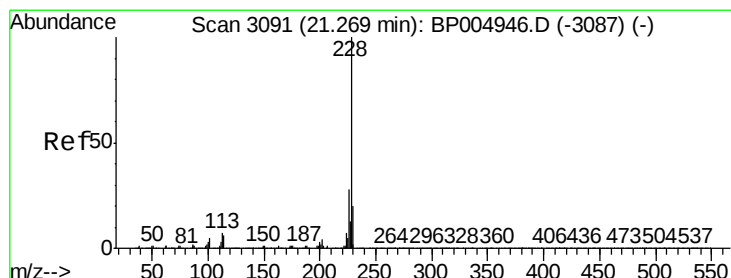
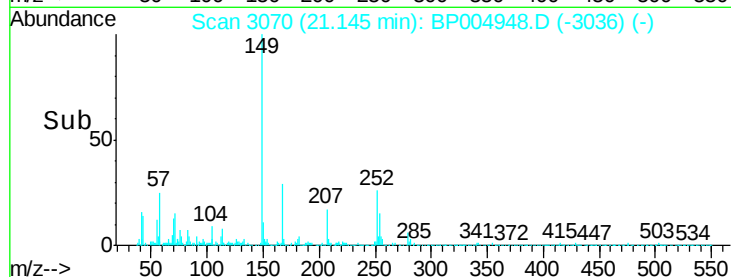
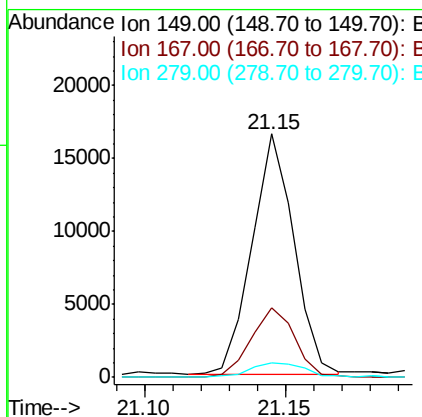
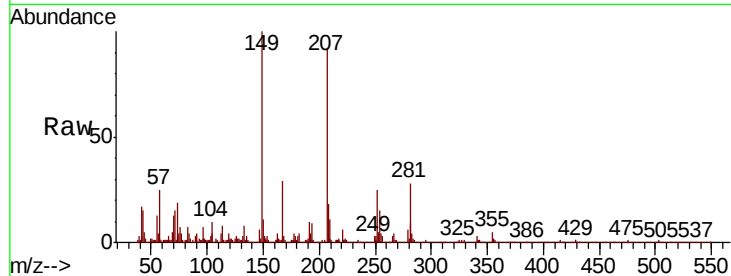
ClientSampleId :

MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	7.8	3.8	5.8

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#85

Chrysene

Concen: 2.990 ng/ul

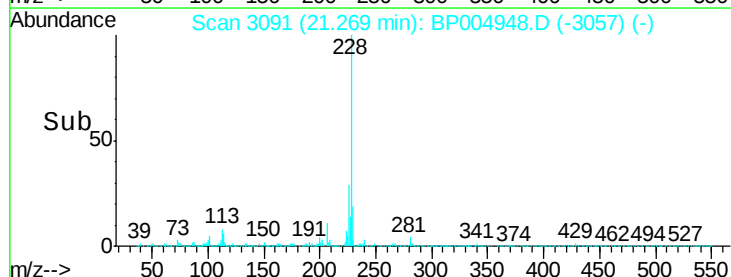
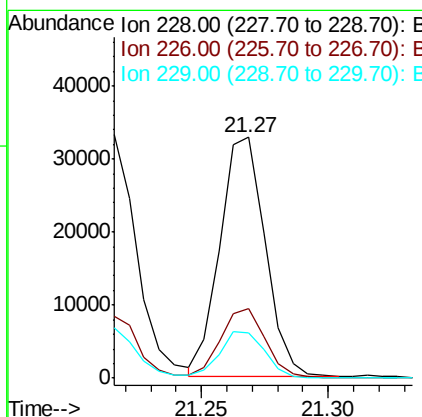
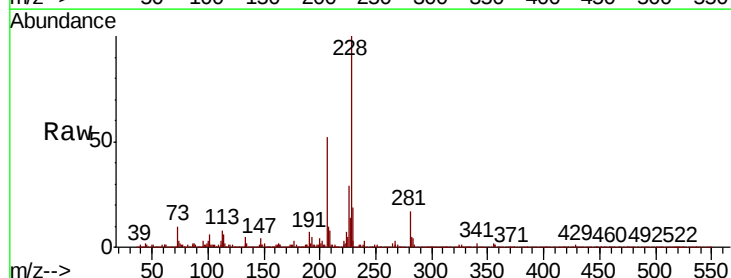
RT: 21.27 min Scan# 3091

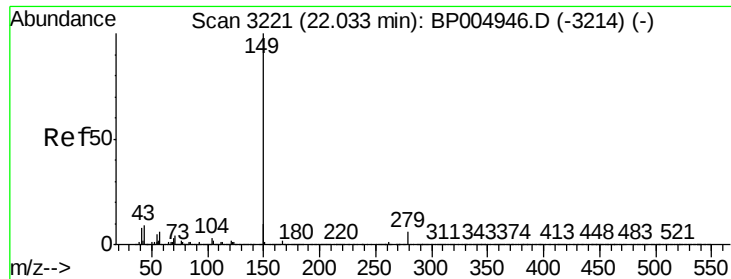
Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	18.7	15.4	23.2





#87

Di-n-octyl phthalate

Concen: 2.097 ng/ul

RT: 22.03 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

Instrument :

BNA_P

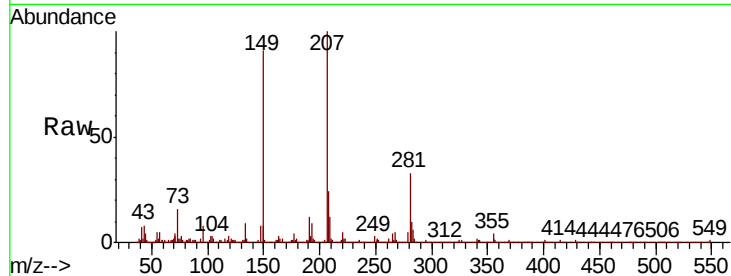
ClientSampleId :

MDL-WATER-06

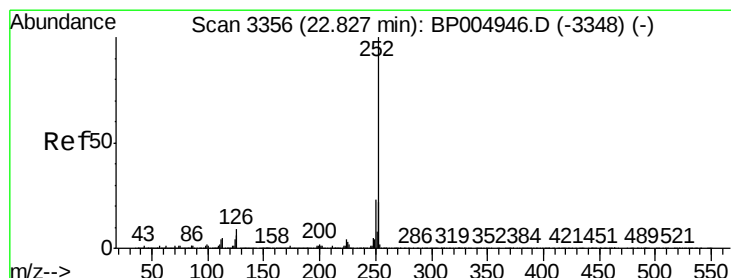
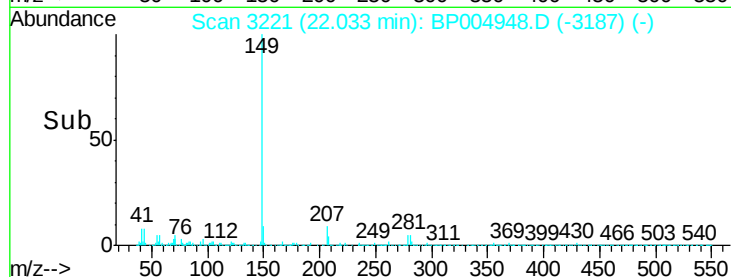
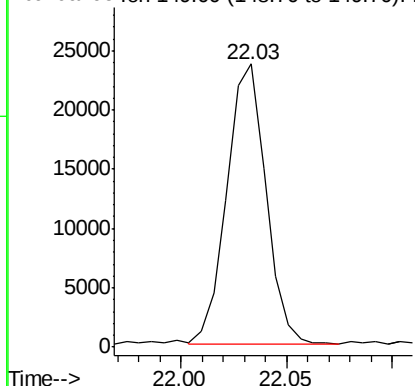
Tgt Ion:149 Resp: 30151

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.026 ng/ul m

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BP004948.D

Acq: 09 Mar 2021 17:36

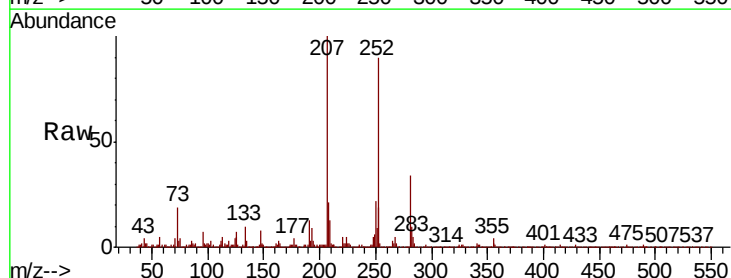
Tgt Ion:252 Resp: 46182

Ion Ratio Lower Upper

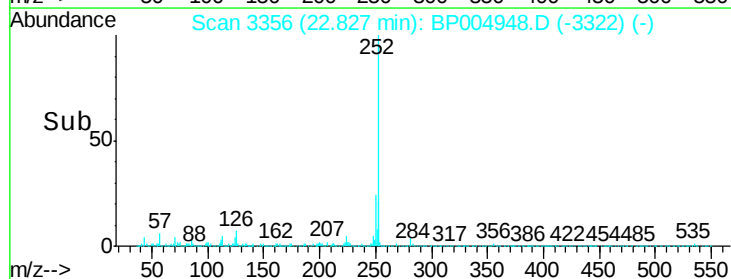
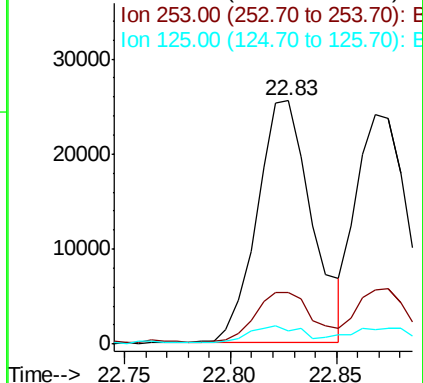
252 100

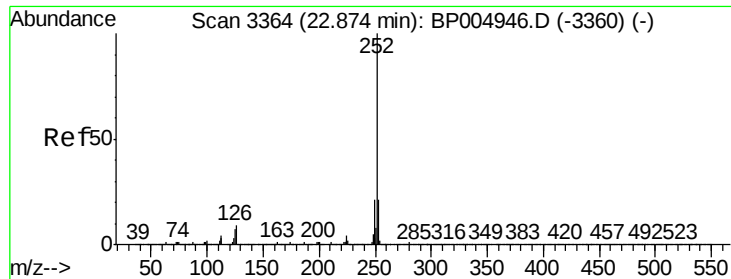
253 21.3 17.4 26.2

125 5.5 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E





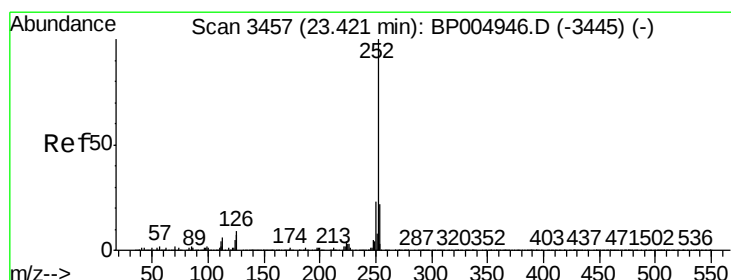
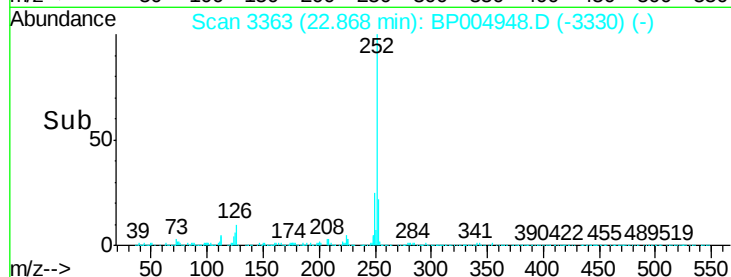
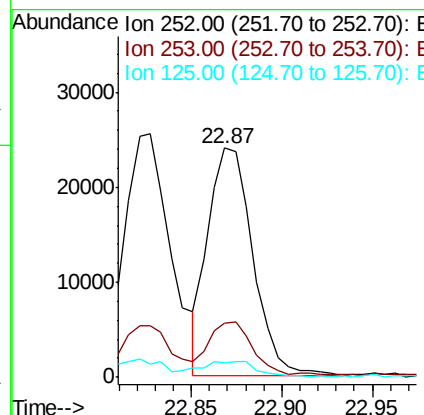
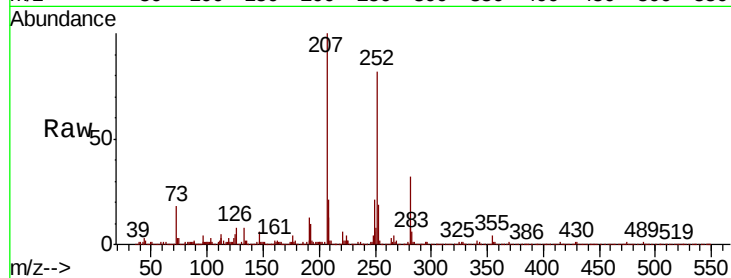
#89
Benzo(k)fluoranthene
Concen: 2.755 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	6.6	6.3	9.5

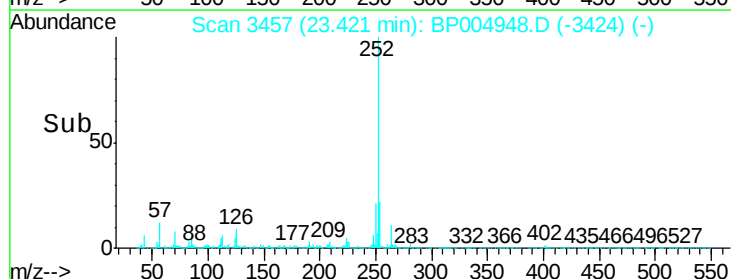
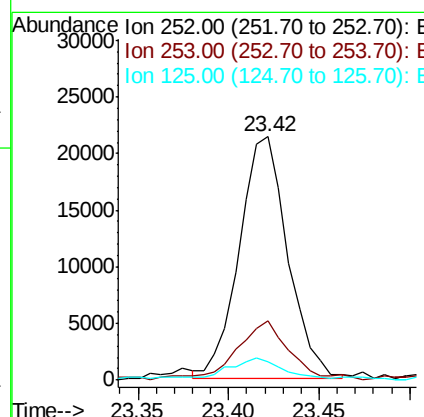
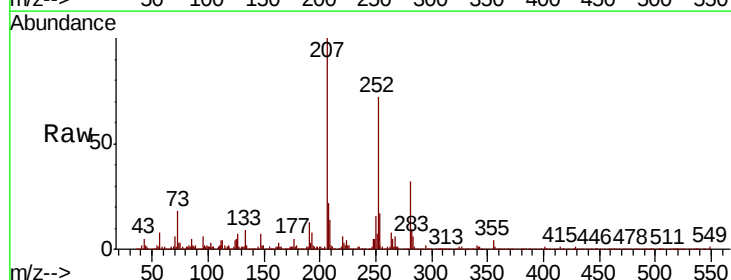
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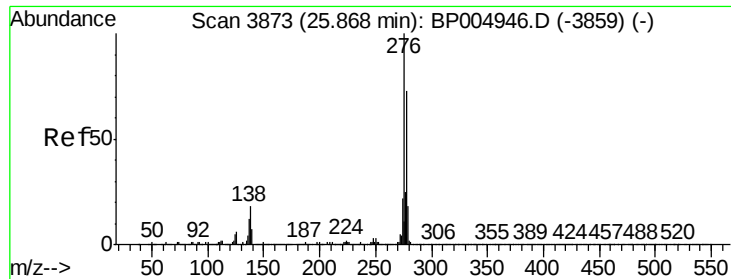
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#91
Benzo(a)pyrene
Concen: 2.972 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	7.5	7.0	10.4





#92

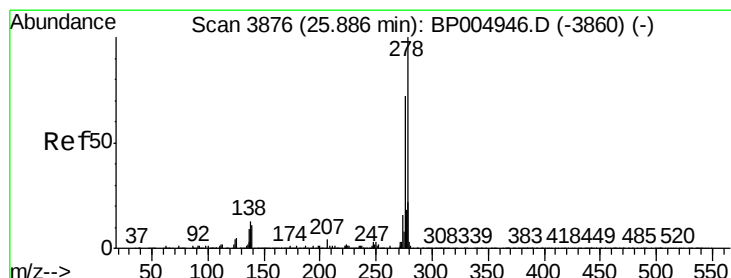
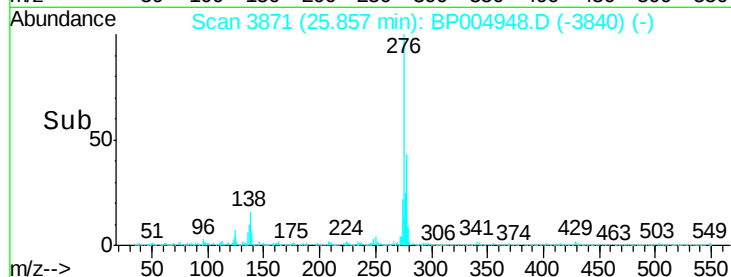
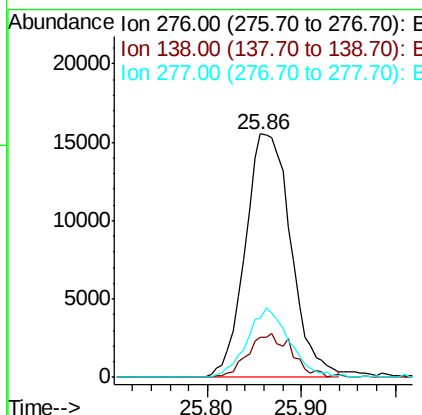
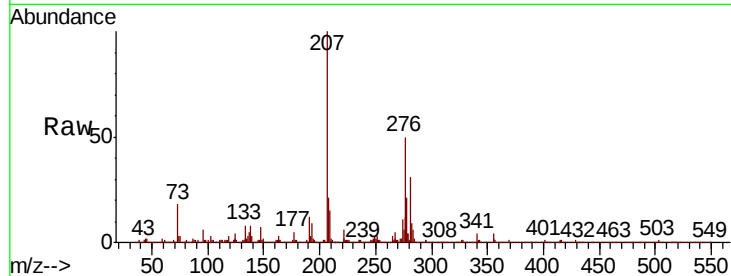
Indeno(1,2,3-cd)pyrene
Concen: 3.042 ng/ul
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-06

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	14.7	22.1#
277	24.5	19.4	29.0

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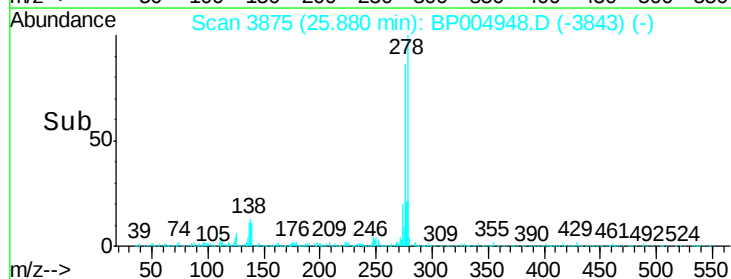
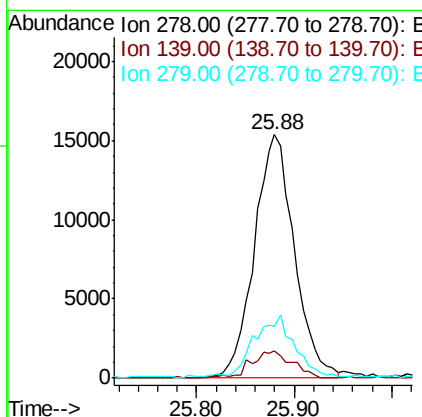
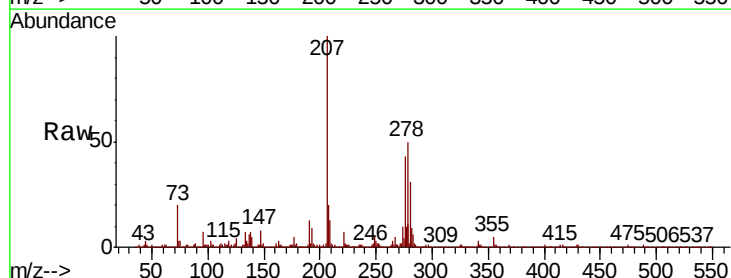
mohammad
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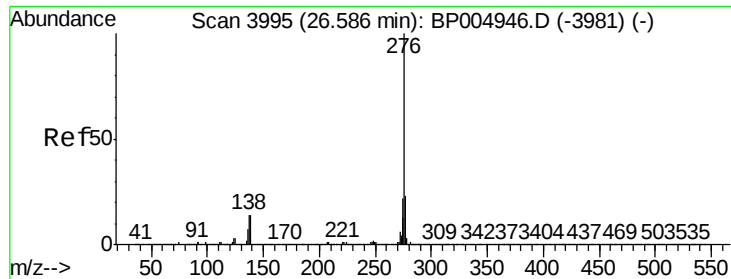


#93

Dibenzo(a,h)anthracene
Concen: 3.051 ng/ul
RT: 25.88 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BP004948.D
Acq: 09 Mar 2021 17:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	10.2	15.2
279	21.0	18.9	28.3





#94
 Benzo(a,h,i)perylene
 Concen: 3.063 ng/ul
 RT: 26.58 min Scan# 3994
 Delta R.T. -0.01 min
 Lab File: BP004948.D
 Acq: 09 Mar 2021 17:36

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-06

Tot Ion:	276	Resp:	43429
Ion Ratio	Lower	Upper	
276	100		
138	16.5	13.4	20.0
277	22.3	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 3/10/2021 11:54:26 AM

