

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
 Data File : BP004891.D
 Acq On : 03 Mar 2021 13:46
 Operator : CG/JU
 Sample : M1534-03
 Misc : SOM-MDL-W-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Manual Integrations
 APPROVED

mohammad
 3/4/2021 11:33:25 AM

Quant Time: Mar 03 14:16:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 03 10:35:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	27171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	106173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	69359	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	152527	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	167209	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	170461	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2126	3.08	ng/uL	0.00
5) Phenol-d5	6.92	99	78110	35.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	45521	39.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	63117	36.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	61003	34.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	30428	39.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	33613	38.70	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	59722	36.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	79741	42.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	197008	38.83	ng/ul	-0.01
47) Acenaphthylene-d8	14.09	160	233436	37.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	31204	34.37	ng/ul	-0.01
58) Fluorene-d10	15.39	176	171070	39.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	32762	32.94	ng/ul	-0.01
71) Anthracene-d10	17.25	188	266631	38.55	ng/ul	0.00
79) Pyrene-d10	19.49	212	305503	38.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	345778	39.58	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	817	1.087	ng/uL#	80
4) Benzaldehyde	6.89	77	5938	5.251	ng/ul	92
6) Phenol	6.94	94	8440	3.629	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.17	93	6568	3.837	ng/ul	98
10) 2-Chlorophenol	7.30	128	6624	3.705	ng/ul#	80
11) 2-Methylphenol	8.19	108	6007	3.463	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.27	45	4192	3.788	ng/ul#	92
14) Acetophenone	8.57	105	10884	3.734	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.55	70	5150	3.653	ng/ul#	96
16) 4-Methylphenol	8.52	108	7027	3.765	ng/ul	98
17) Hexachloroethane	8.82	117	3025	3.843	ng/ul	91
20) Nitrobenzene	8.94	77	8621	4.111	ng/ul#	77
21) Isophorone	9.47	82	13255	3.695	ng/ul	97
23) 2-Nitrophenol	9.65	139	3753m	3.841	ng/ul	
24) 2,4-Dimethylphenol	9.72	107	8013	3.694	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	8510	3.928	ng/ul#	89
27) 2,4-Dichlorophenol	10.18	162	5981	3.540	ng/ul#	86
28) Naphthalene	10.58	128	21581	3.841	ng/ul	98
30) 4-Chloroaniline	10.70	127	8513	4.400	ng/ul	97
31) Hexachlorobutadiene	10.87	225	4742	3.831	ng/ul	89
32) Caprolactam	11.50	113	1788m	3.258	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	6617	3.439	ng/ul#	91
34) 2-Methylnaphthalene	12.20	142	15299	3.827	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	14768	3.801	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	8534	3.838	ng/ul	98
38) Hexachlorocyclopentadiene	12.55	237	4650	3.282	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.82	196	4528	3.251	ng/ul	92
40) 2,4,5-Trichlorophenol	12.90	196	5210	3.491	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	20465	3.941	ng/ul	92
42) 2-Chloronaphthalene	13.26	162	15379	3.768	ng/ul	94
43) 2-Nitroaniline	13.47	65	3788	3.243	ng/ul#	87
45) Dimethylphthalate	13.85	163	20576	3.945	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3608	3.459	ng/ul#	86
48) Acenaphthylene	14.12	152	22799	3.833	ng/ul	97
49) 3-Nitroaniline	14.30	138	3274	3.437	ng/ul#	82
50) Acenaphthene	14.46	153	16552	3.832	ng/ul	95
51) 2,4-Dinitrophenol	14.52	184	1596	2.379	ng/ul#	74
53) 4-Nitrophenol	14.62	109	3872	3.929	ng/ul	92
54) Dibenzofuran	14.80	168	24304	3.888	ng/ul	97
55) 2,4-Dinitrotoluene	14.76	165	5136	3.342	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.03	232	4526	3.434	ng/ul#	91
57) Diethylphthalate	15.23	149	19934	3.779	ng/ul	94
59) Fluorene	15.45	166	19800	3.798	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.45	204	10824	3.942	ng/ul	94
61) 4-Nitroaniline	15.47	138	3498	3.215	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.53	198	3819	3.789	ng/ul#	82
65) N-Nitrosodiphenylamine	15.66	169	16927	3.780	ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	6022	3.732	ng/ul	94
67) Hexachlorobenzene	16.45	284	7520	4.060	ng/ul	92
68) Atrazine	16.62	200	5797	3.302	ng/ul	97
69) Pentachlorophenol	16.80	266	3274	2.884	ng/ul	92
70) Phenanthrene	17.19	178	33255	4.011	ng/ul	99
72) Anthracene	17.29	178	33061	3.907	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	9044	3.983	ng/uL	94
74) Pentachlorobenzene	14.71	250	8274	3.741	ng/uL	94
75) Carbazole	17.56	167	26434	3.552	ng/ul	99
76) Di-n-butylphthalate	18.12	149	28739	3.266	ng/ul	98
77) Fluoranthene	19.17	202	35864	3.607	ng/ul#	95
80) Pvrene	19.52	202	39274	3.802	ng/ul	99
81) Butylbenzylphthalate	20.40	149	13263	3.291	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	12097	3.474	ng/ul	91
83) Benzo(a)anthracene	21.23	228	39604	3.833	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	19041	3.162	ng/ul	100
85) Chrysene	21.27	228	40086	3.982	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	33289	2.901	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	39654	3.659	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	39838	3.717	ng/ul	99
91) Benzo(a)pyrene	23.44	252	34680	3.644	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	44581	3.660	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	38097	3.678	ng/ul	99
94) Benzo(a,h,i)perylene	26.62	276	37273	3.676	ng/ul	98

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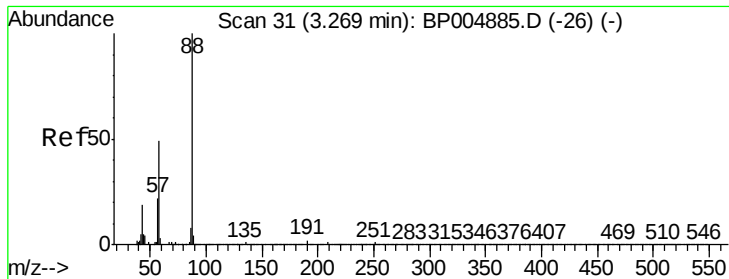
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.087 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.00 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

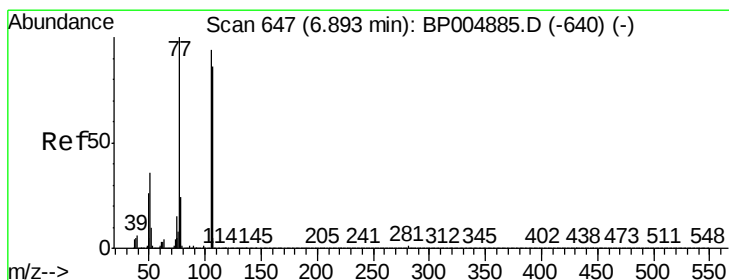
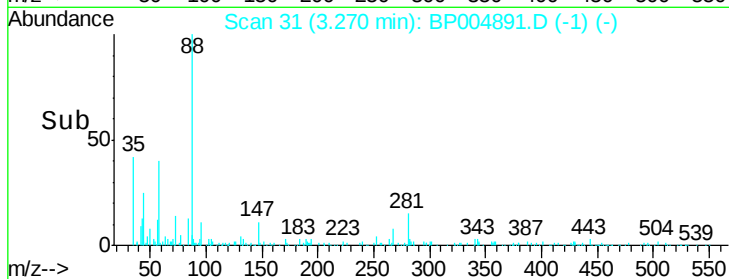
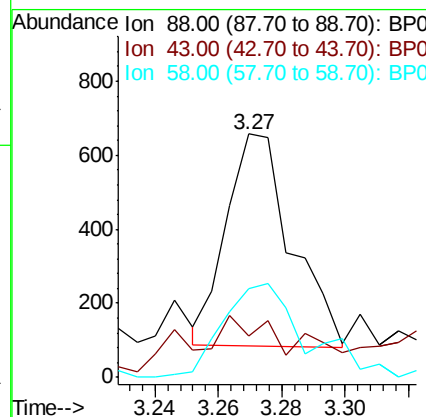
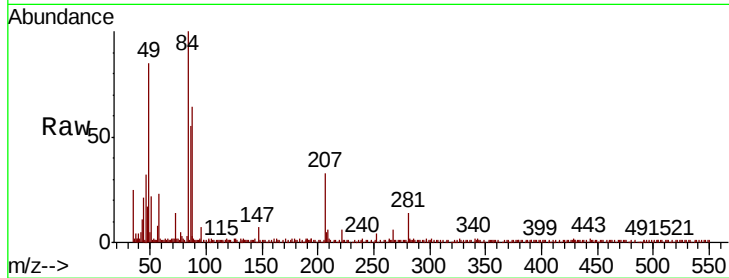
ClientSampleId :

MDL-WATER-03

Tot Ion:	88	Resp:	817
Ion Ratio	Lower	Upper	
88	100		
43	17.0	20.9	31.3#
58	36.5	41.0	61.4#

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#4

Benzaldehyde

Concen: 5.251 ng/uL

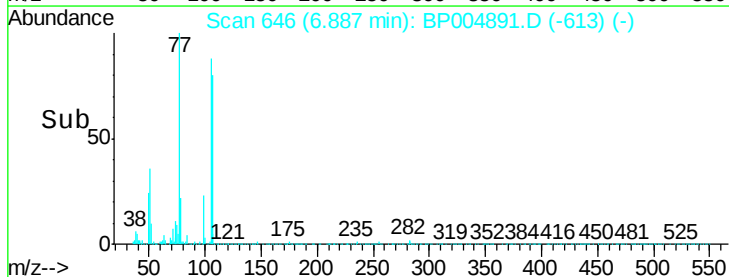
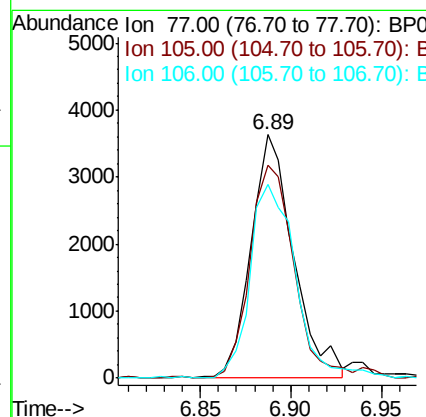
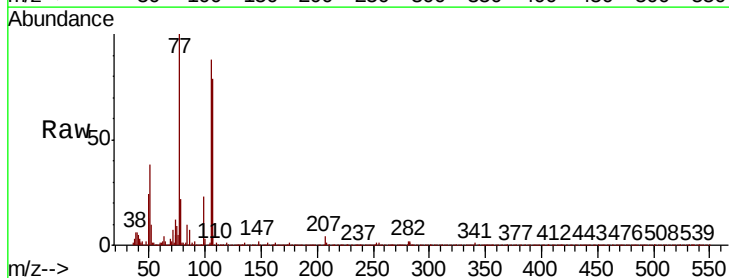
RT: 6.89 min Scan# 646

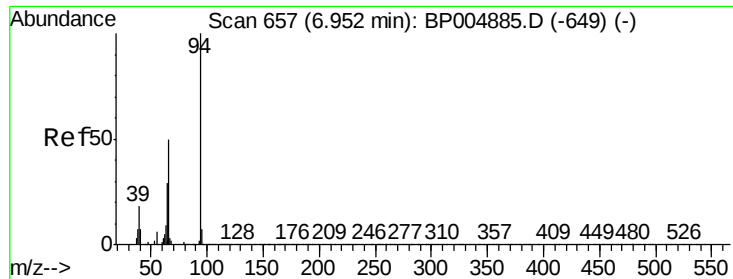
Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Tgt Ion:	77	Resp:	5938
Ion Ratio	Lower	Upper	
77	100		
105	87.5	75.4	113.2
106	79.4	69.7	104.5





#6

Phenol

Concen: 3.629 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

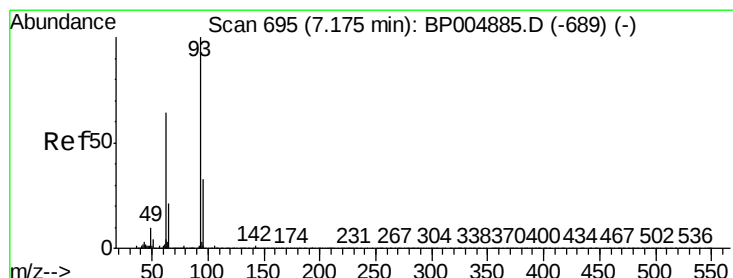
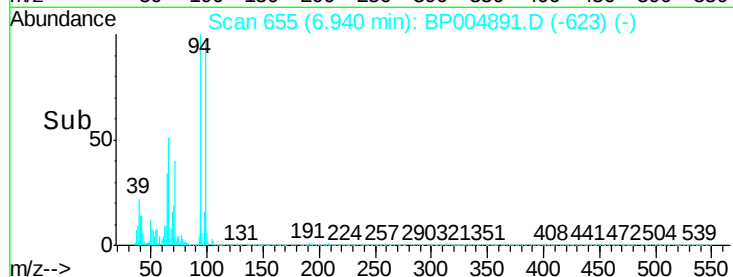
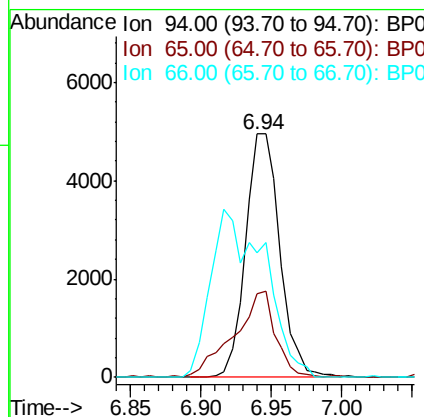
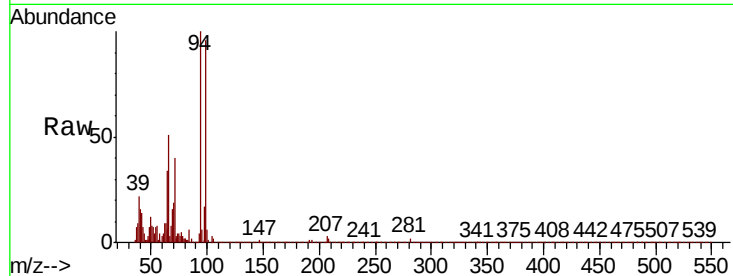
ClientSampleId :

MDL-WATER-03

Tot Ion:	94	Resp:	8440
Ion Ratio	Lower	Upper	
94	100		
65	34.4	22.8	34.2#
66	51.4	37.8	56.8

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#8

Bis(2-Chloroethyl)ether

Concen: 3.837 ng/ul

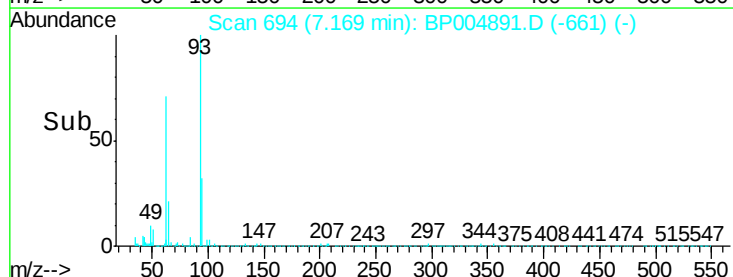
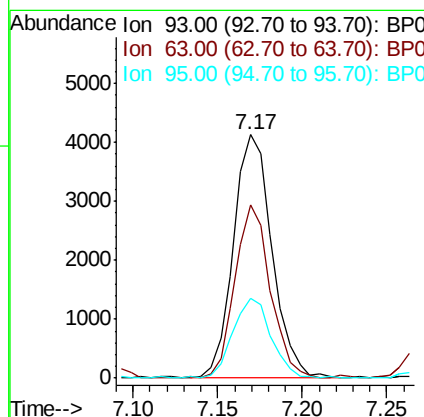
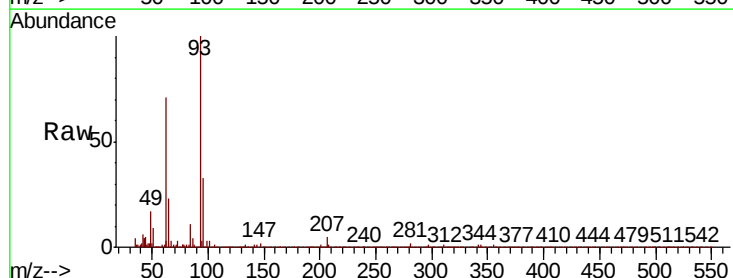
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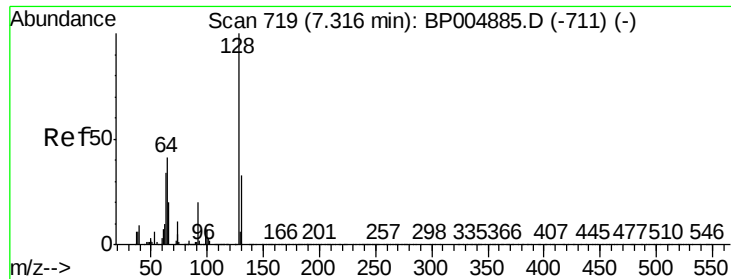
Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Tgt Ion:	93	Resp:	6568
Ion Ratio	Lower	Upper	
93	100		
63	71.0	56.0	84.0
95	32.7	27.8	41.8





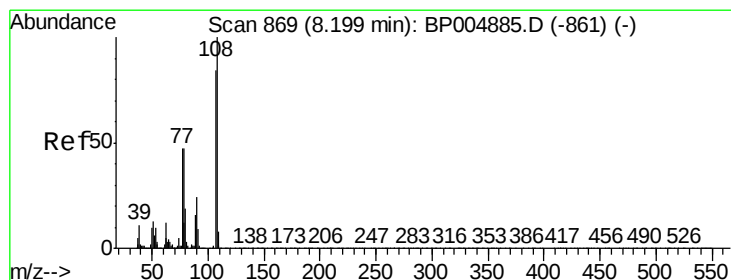
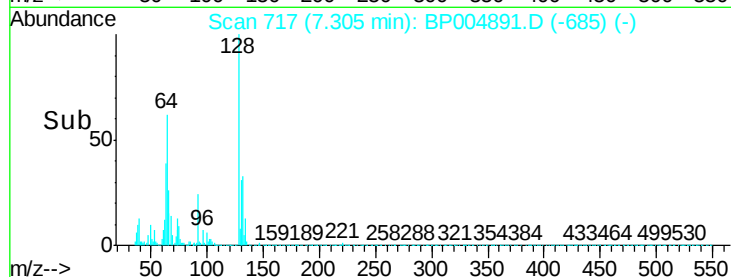
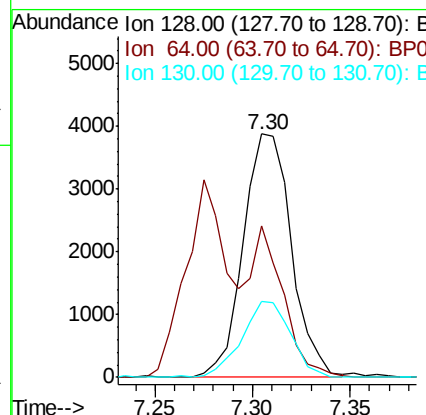
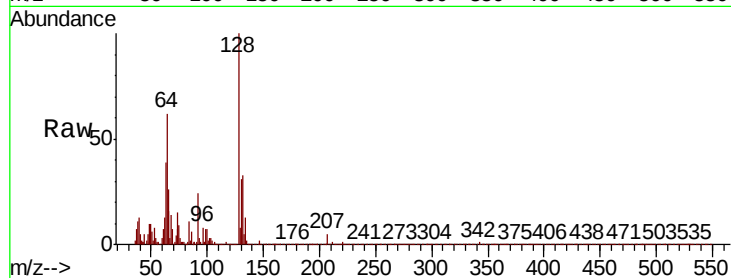
#10
2-Chlorophenol
Concen: 3.705 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
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MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
128	100		
64	62.1	34.8	52.2#
130	31.0	28.6	43.0

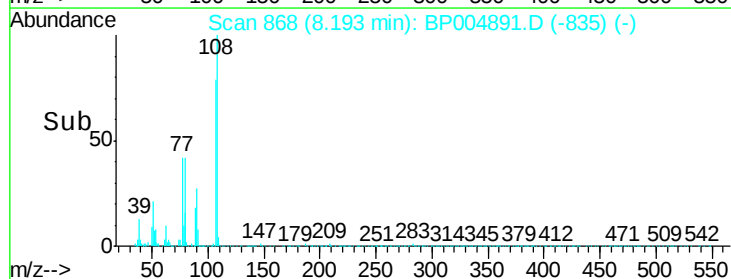
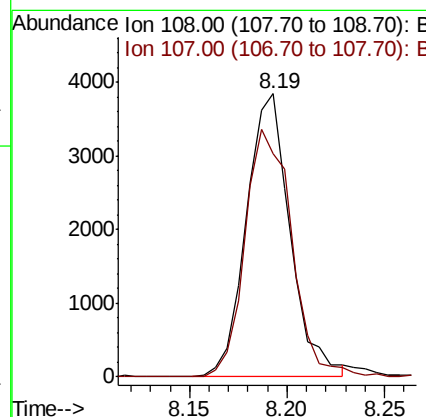
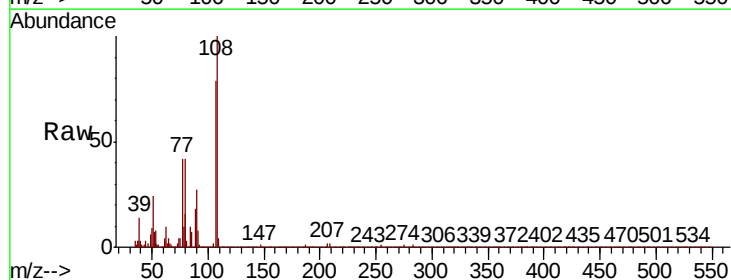
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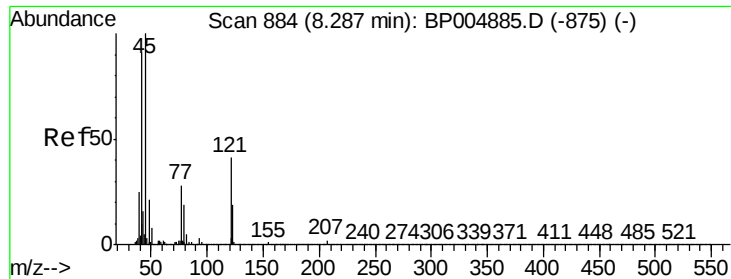
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#11
2-Methylphenol
Concen: 3.463 ng/ul
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
108	100		
107	79.0	68.8	103.2





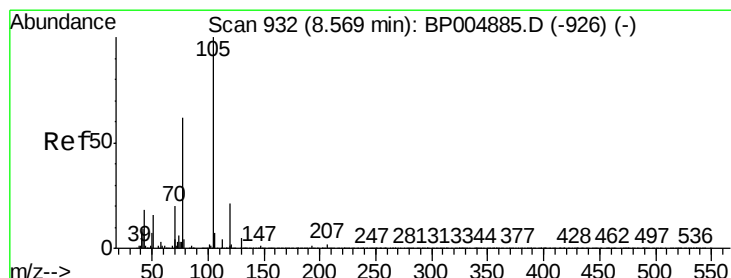
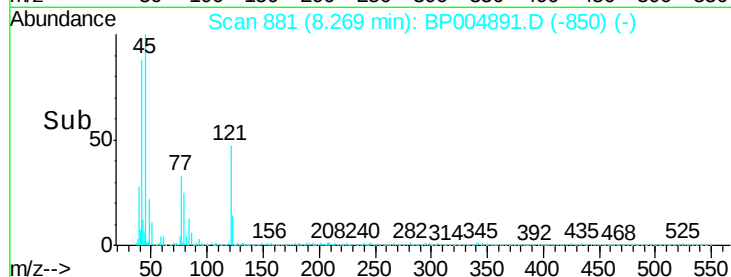
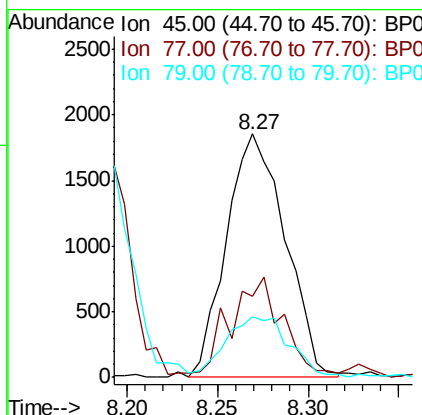
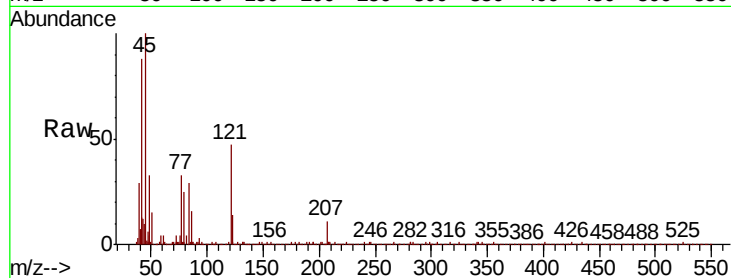
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.788 ng/ul
RT: 8.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BP004891.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	33.5	21.8	32.8#
79	24.9	18.6	27.8

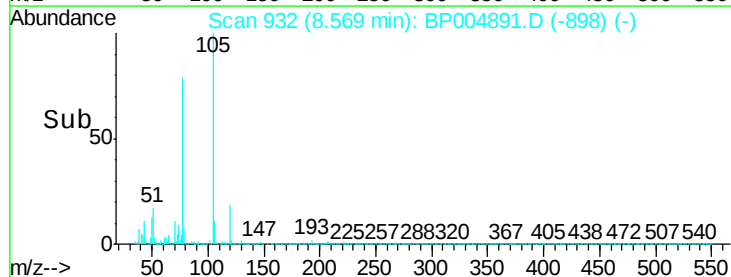
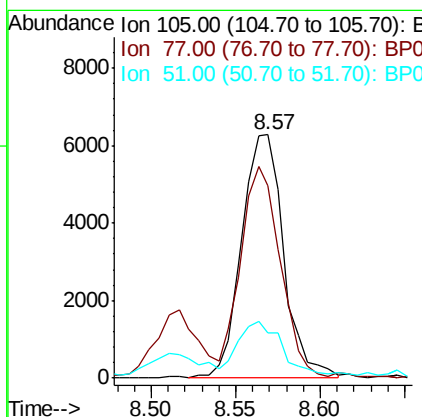
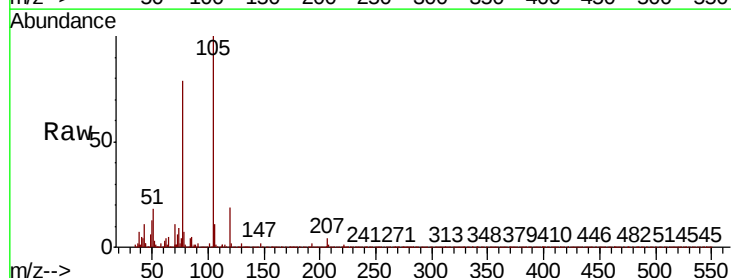
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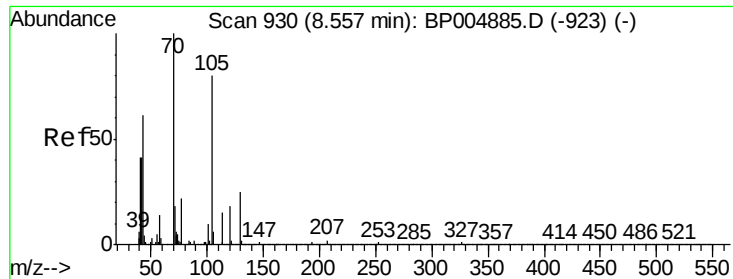
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#14
Acetophenone
Concen: 3.734 ng/ul
RT: 8.57 min Scan# 932
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	78.9	64.4	96.6
51	18.5	19.1	28.7#





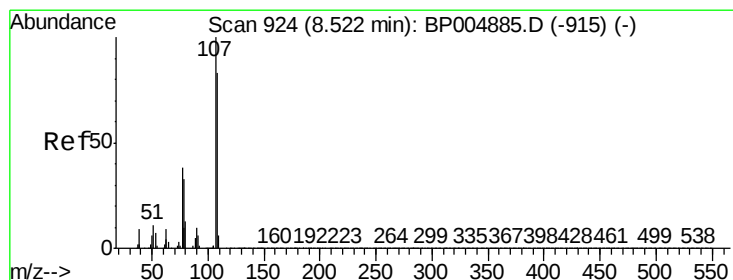
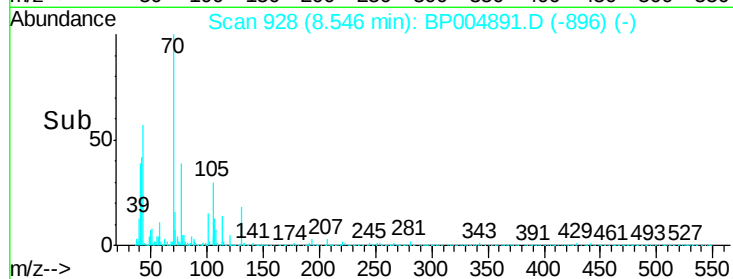
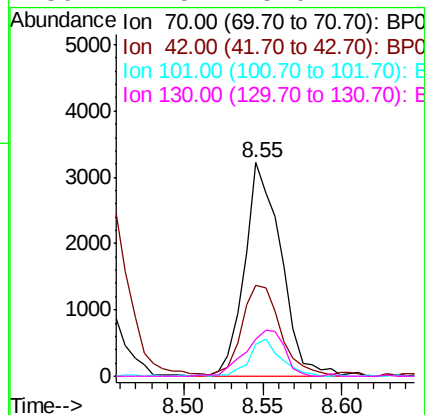
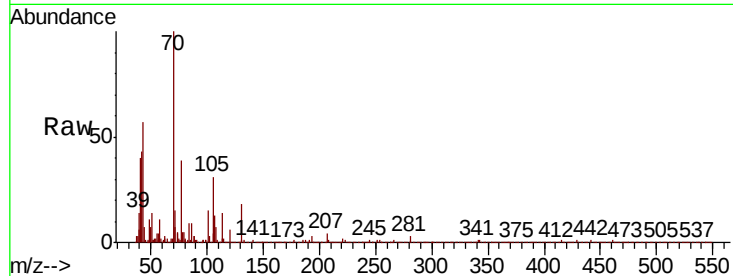
#15
N-Nitroso-di-n-propylamine
Concen: 3.653 ng/ul
RT: 8.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion:	70	Resp:	5150
Ion Ratio	Lower	Upper	
70	100		
42	42.6	33.1	49.7
101	15.1	8.5	12.7#
130	17.5	15.0	22.4

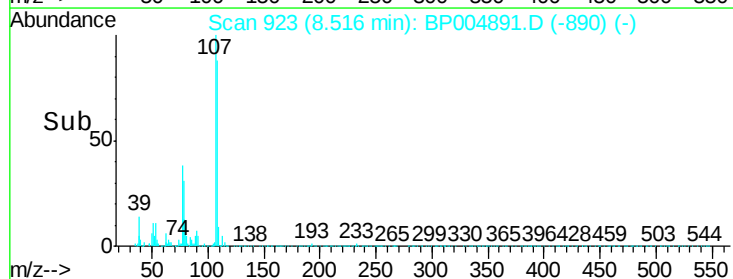
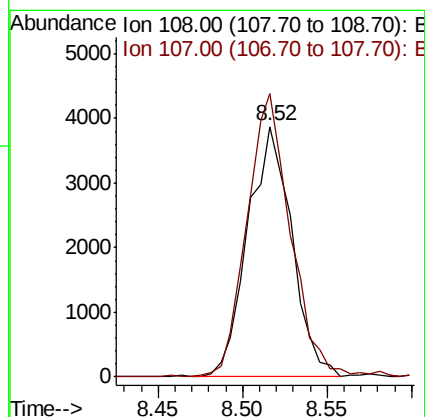
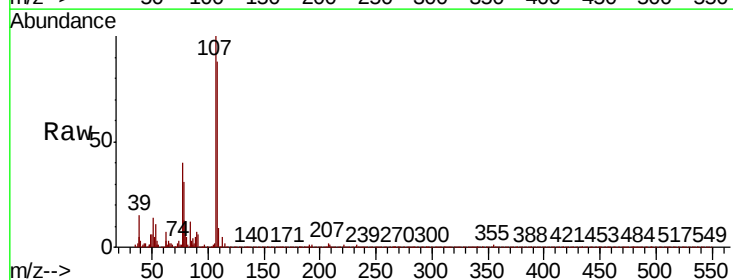
Manual Integrations
APPROVED

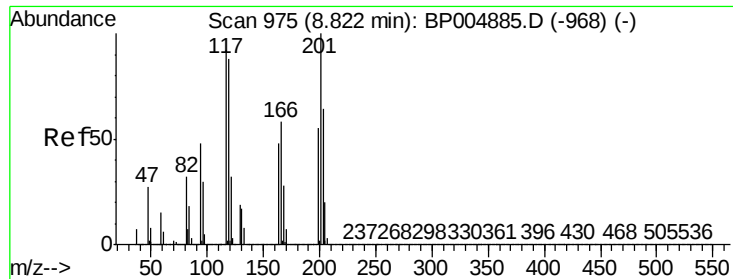
mohammad
3/4/2021 11:33:25 AM



#16
4-Methylphenol
Concen: 3.765 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion:	108	Resp:	7027
Ion Ratio	Lower	Upper	
108	100		
107	113.1	89.2	133.8





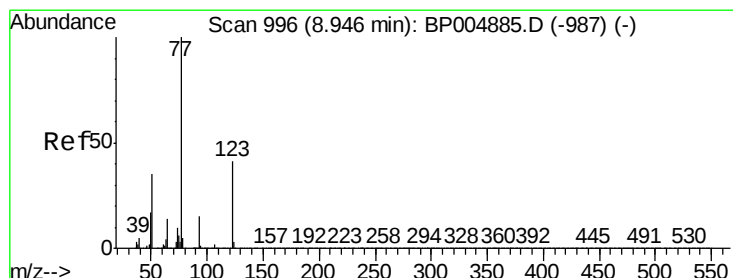
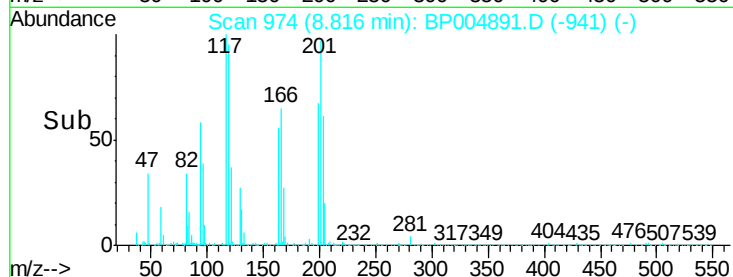
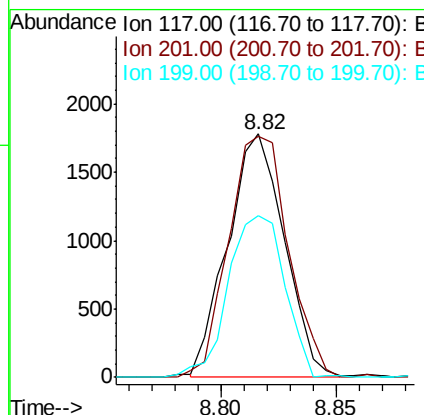
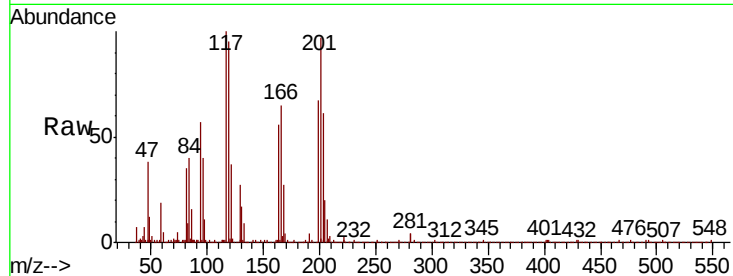
#17
Hexachloroethane
Concen: 3.843 ng/ul
RT: 8.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
117	100		
201	98.8	86.7	130.1
199	66.4	48.2	72.4

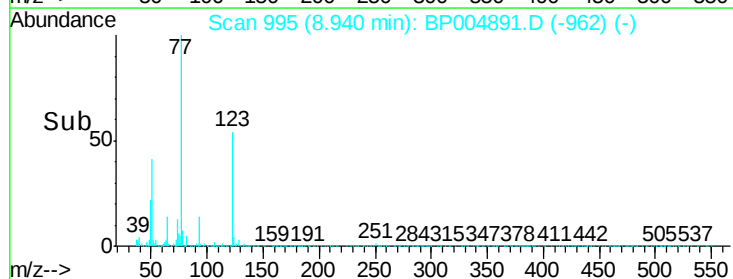
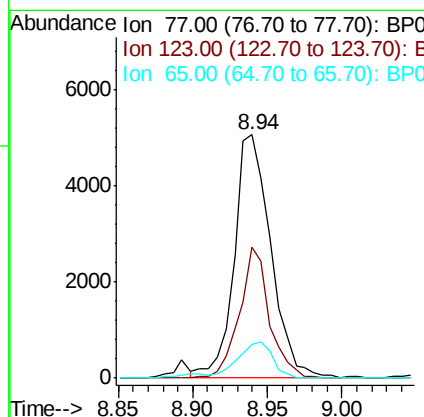
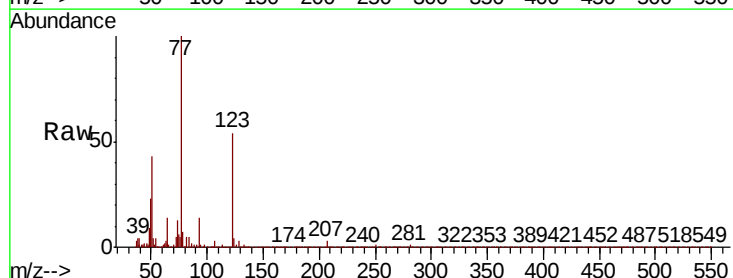
Manual Integrations
APPROVED

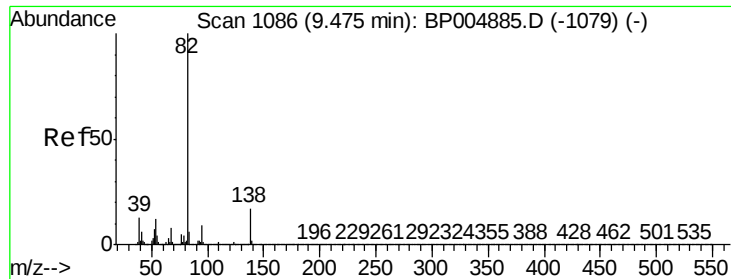
mohammad
3/4/2021 11:33:25 AM



#20
Nitrobenzene
Concen: 4.111 ng/ul
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.9	29.4	44.2#
65	13.9	9.8	14.6





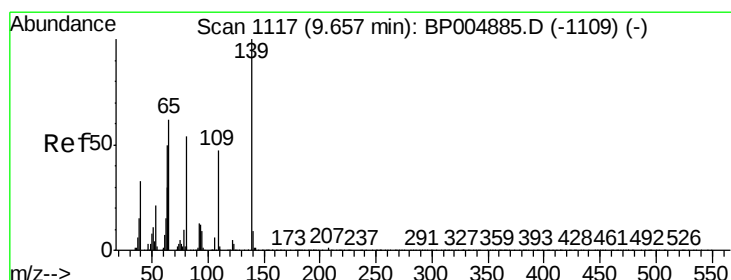
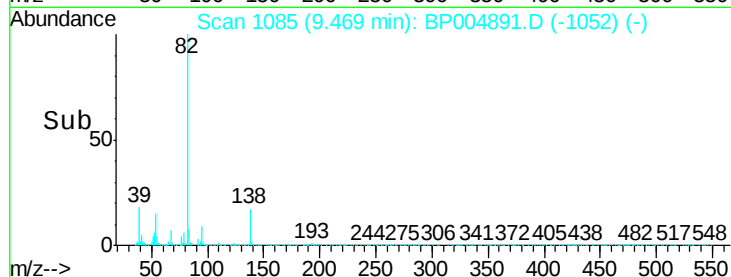
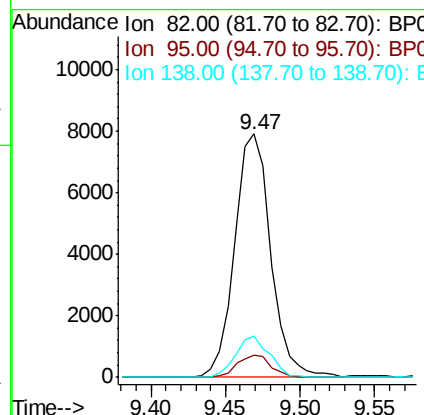
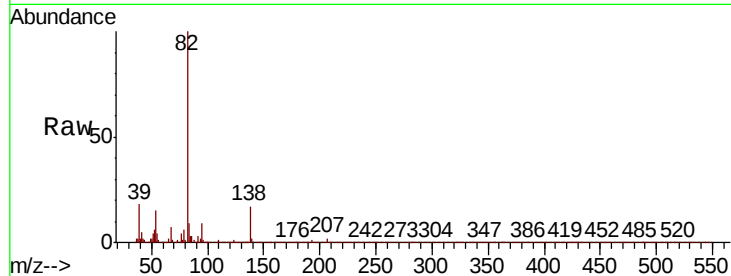
#21
Isophorone
Concen: 3.695 ng/ul
RT: 9.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleID :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.6	9.8
138	16.7	14.6	22.0

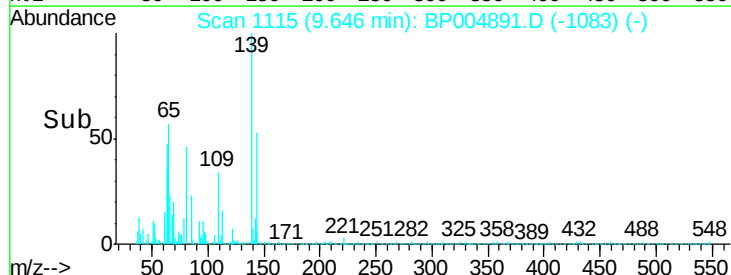
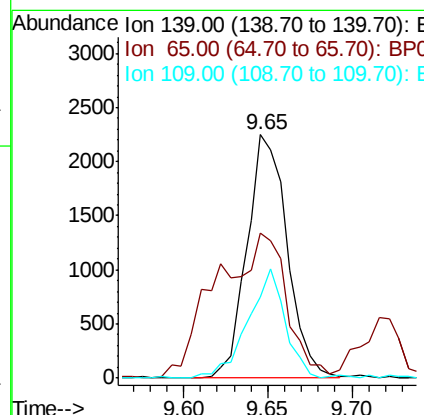
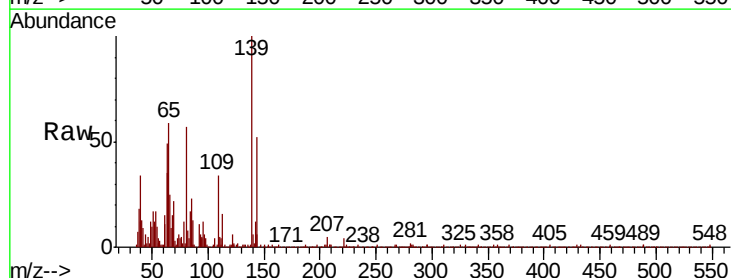
Manual Integrations
APPROVED

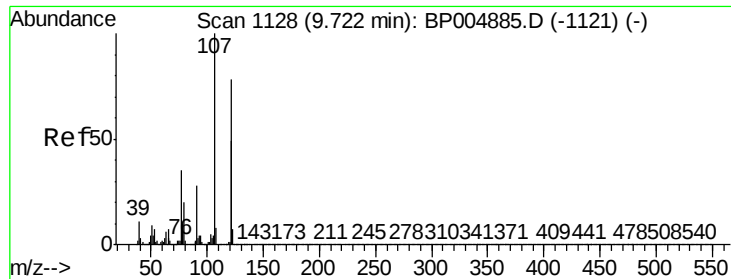
mohammad
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#23
2-Nitrophenol
Concen: 3.841 ng/ul m
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
65	59.4	49.4	74.2
109	33.5	37.1	55.7





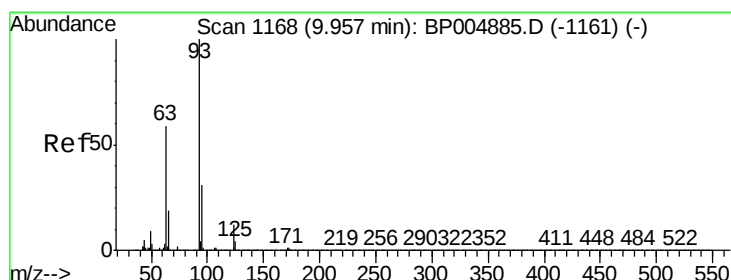
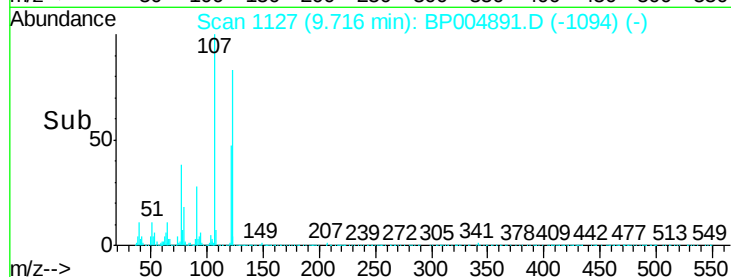
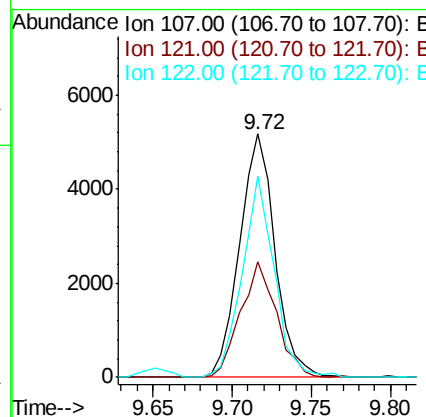
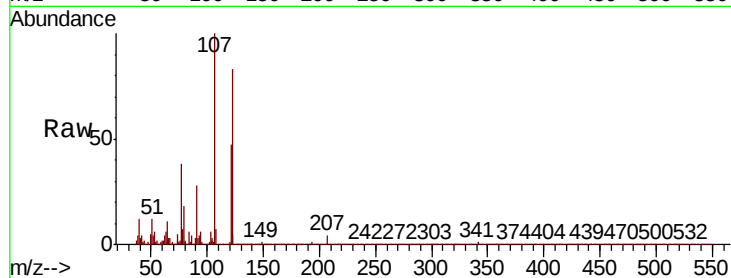
#24
2,4-Dimethylphenol
Concen: 3.694 ng/ul
RT: 9.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
107	100		
121	47.3	37.1	55.7
122	82.8	61.8	92.8

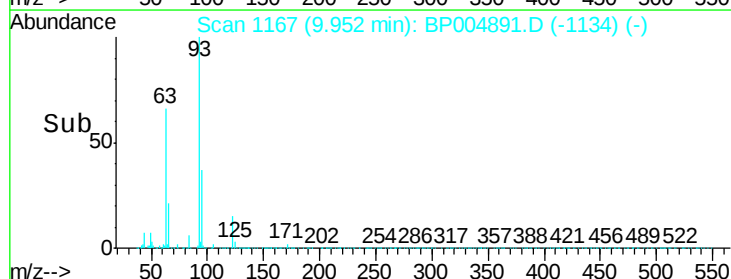
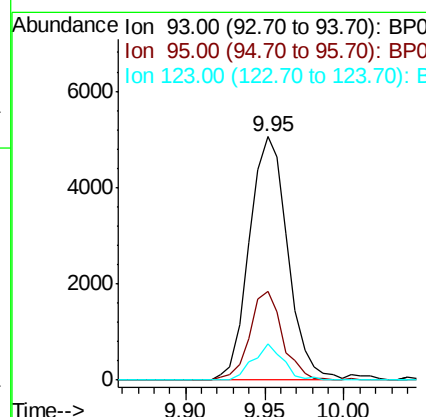
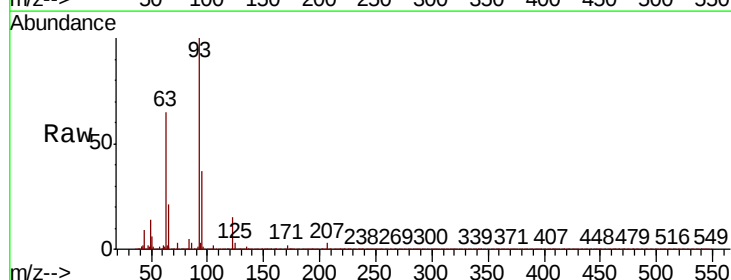
Manual Integrations
APPROVED

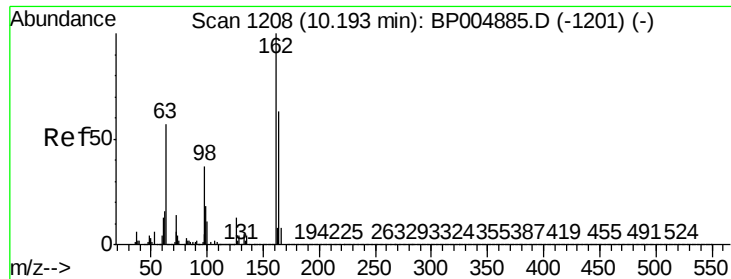
mohammad
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.928 ng/ul
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.6	24.3	36.5#
123	14.8	8.6	13.0#





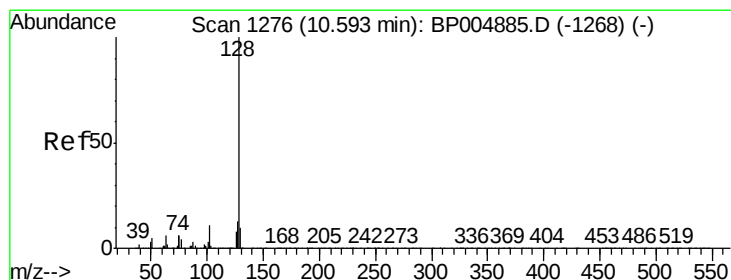
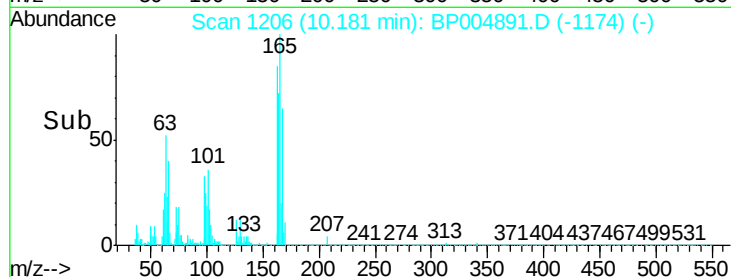
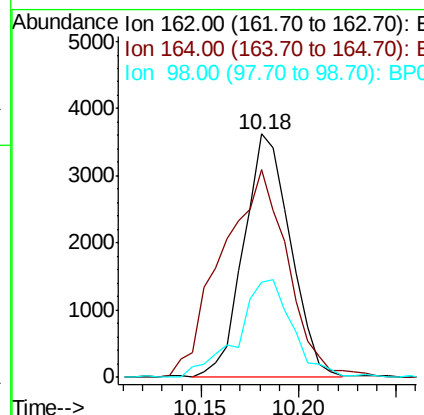
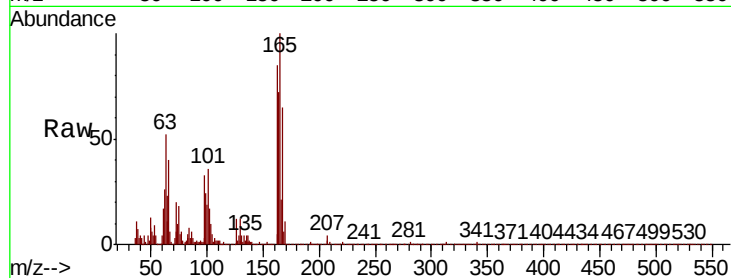
#27
2,4-Dichlorophenol
Concen: 3.540 ng/ul
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
162	100		
164	80.1	51.8	77.6#
98	36.7	32.0	48.0

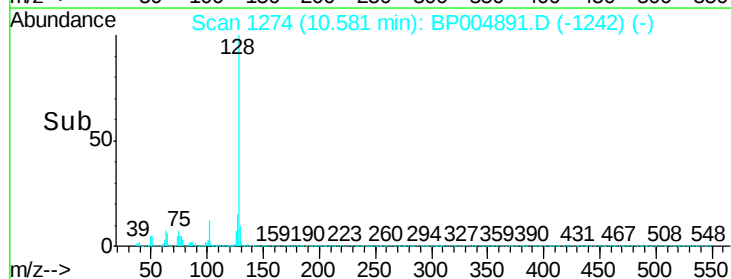
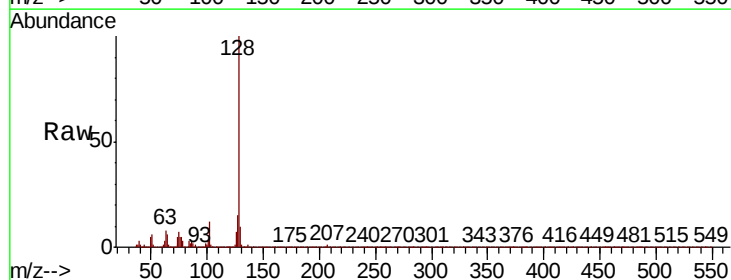
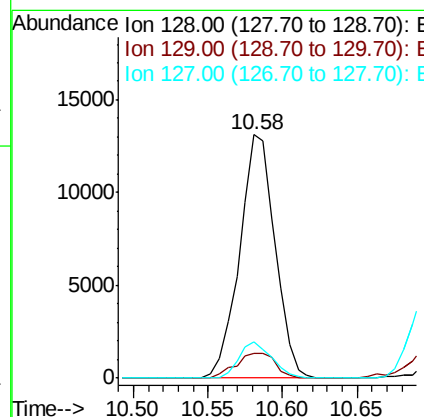
Manual Integrations
APPROVED

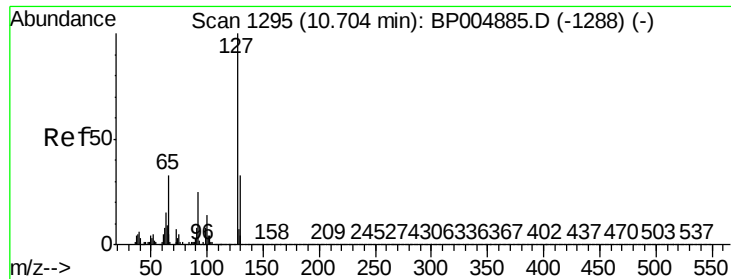
mohammad
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#28
Naphthalene
Concen: 3.841 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.6
127	14.9	11.4	17.2





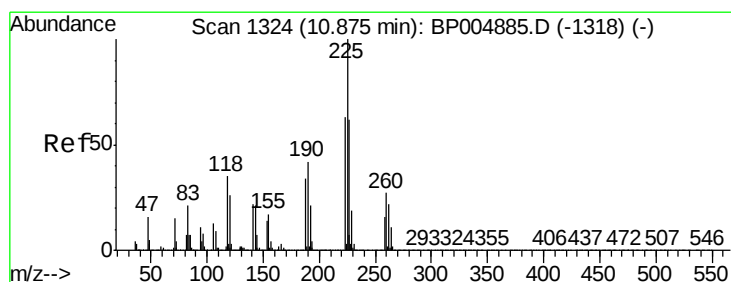
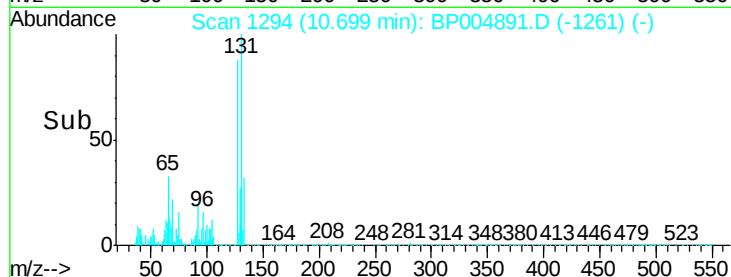
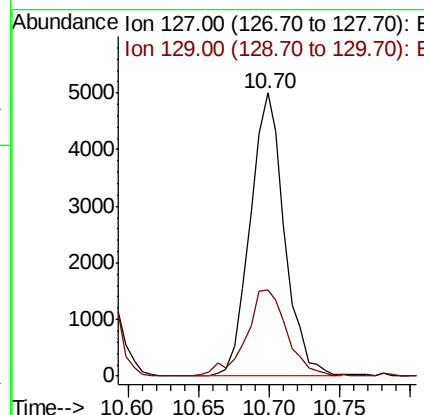
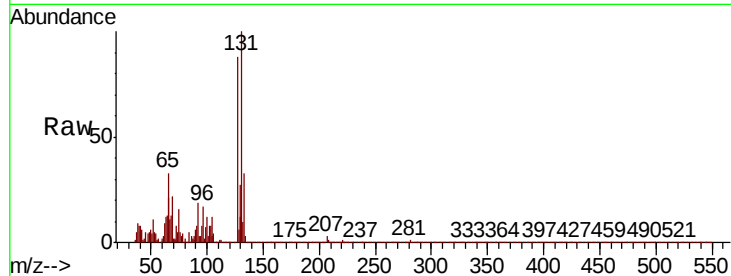
#30
4-Chloroaniline
Concen: 4.400 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.6	38.4

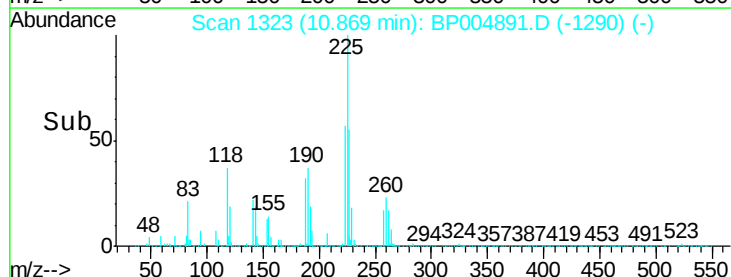
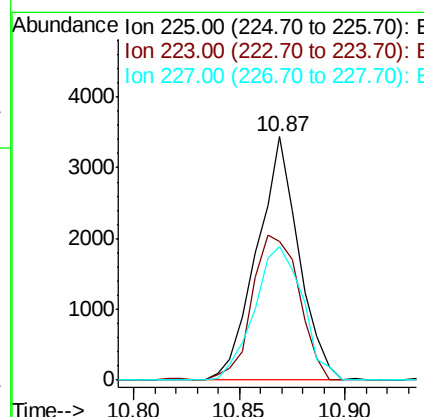
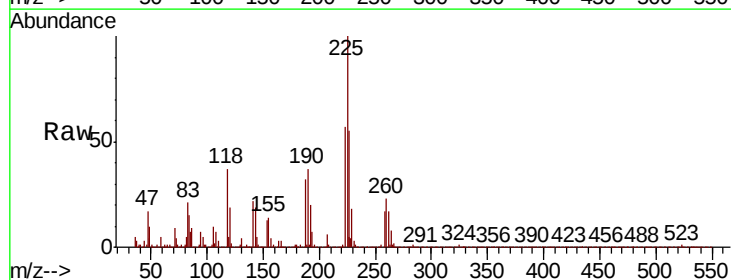
Manual Integrations
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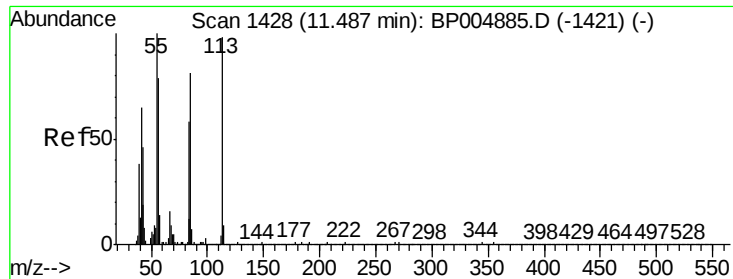
mohammad
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#31
Hexachlorobutadiene
Concen: 3.831 ng/ul
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.8	51.2	76.8
227	54.7	51.4	77.2





#32

Caprolactam

Concen: 3.258 ng/ul m

RT: 11.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

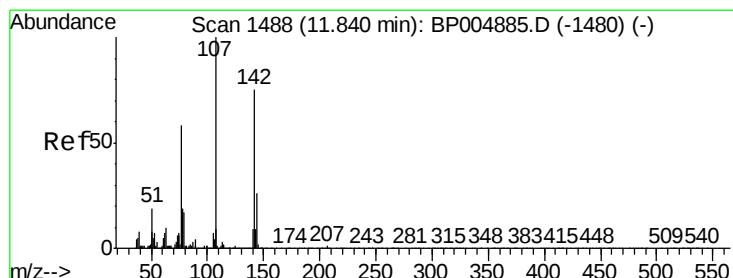
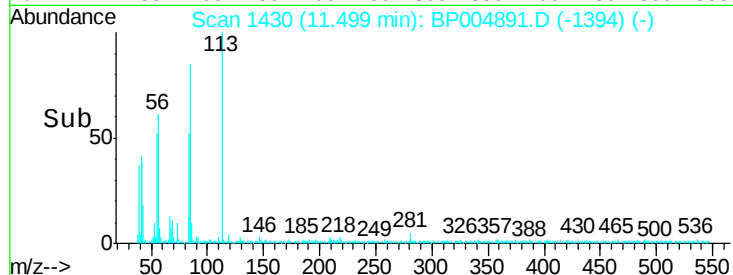
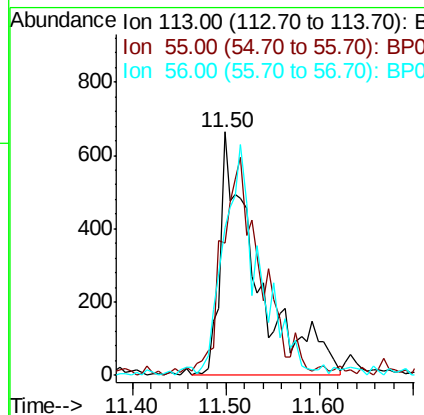
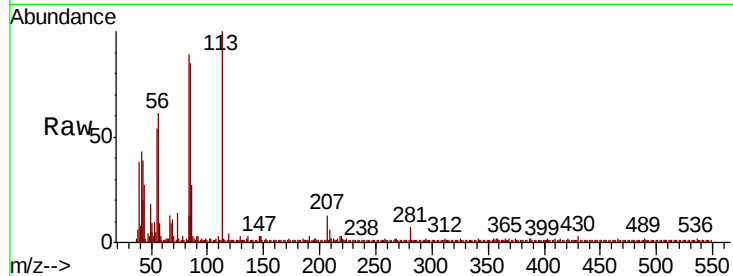
ClientSampleId :

MDL-WATER-03

Tot Ion:	113	Resp:	1788
Ion Ratio	Lower	Upper	
113	100		
55	54.2	69.5	104.3#
56	60.5	65.8	98.6#

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 3.439 ng/ul

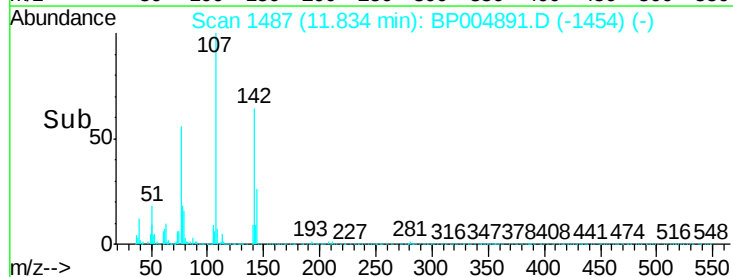
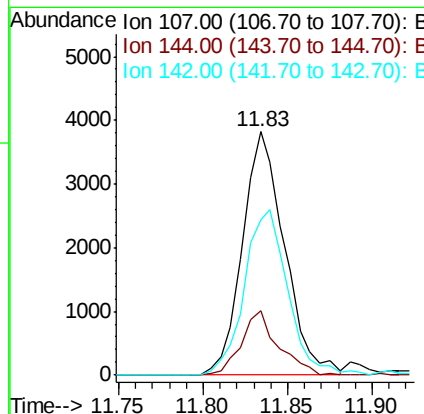
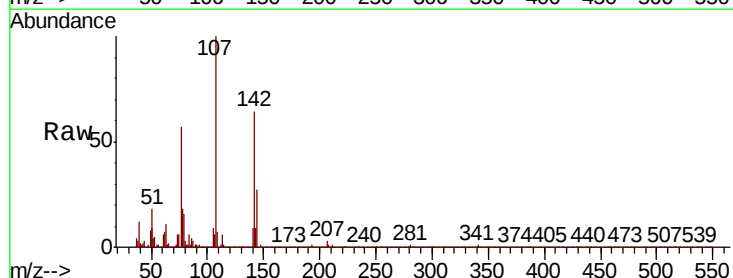
RT: 11.83 min Scan# 1487

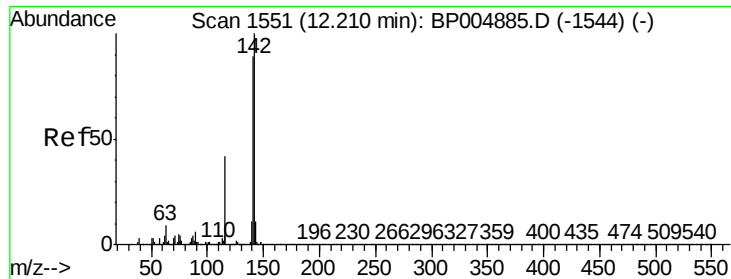
Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Tgt Ion:	107	Resp:	6617
Ion Ratio	Lower	Upper	
107	100		
144	26.7	17.3	25.9#
142	64.0	56.6	84.8





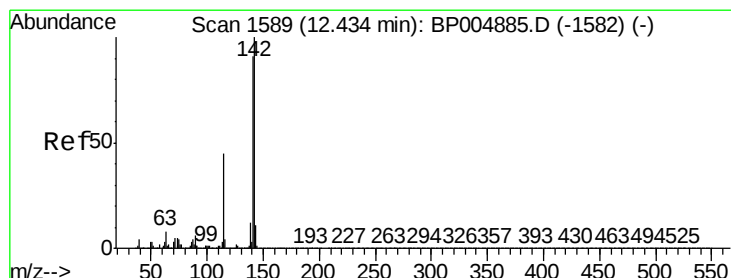
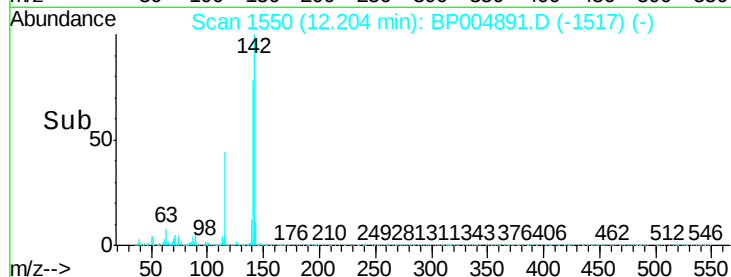
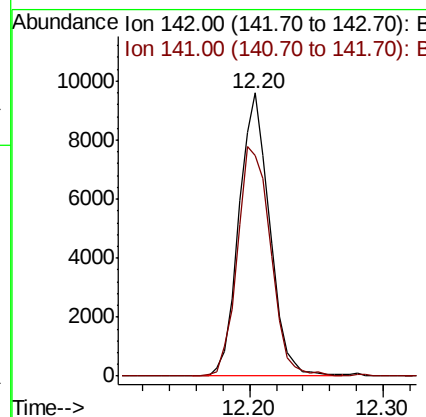
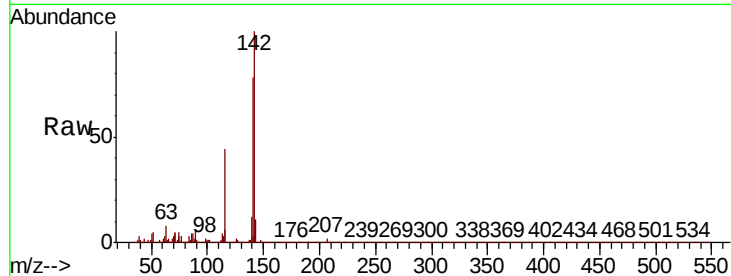
#34
2-Methylnaphthalene
Concen: 3.827 ng/ul
RT: 12.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
142	100		
141	78.0	69.4	104.2

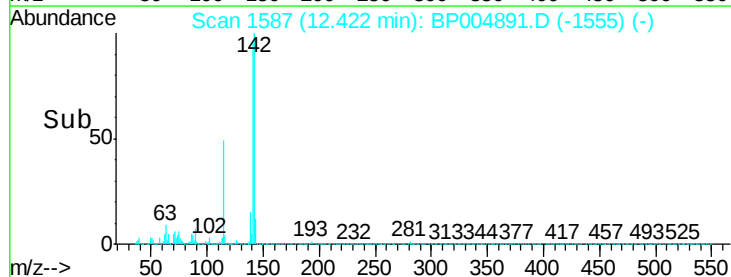
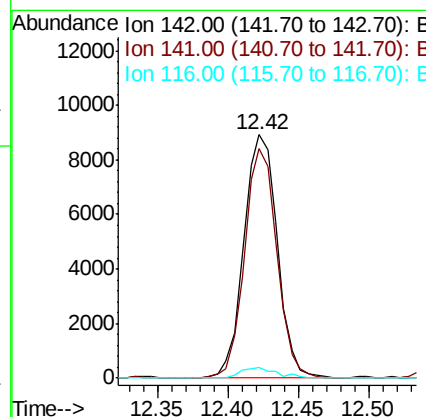
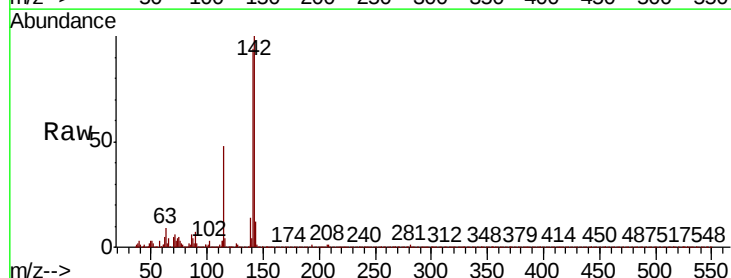
Manual Integrations
APPROVED

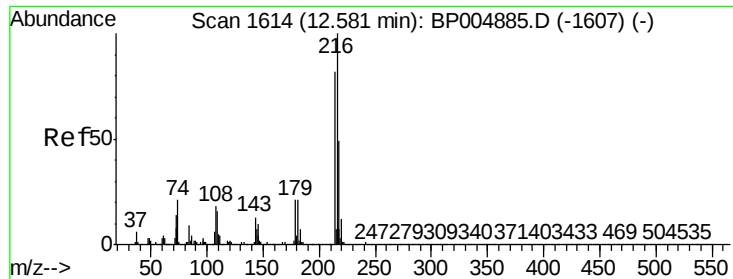
mohammad
3/4/2021 11:33:25 AM



#35
1-Methylnaphthalene
Concen: 3.801 ng/ul
RT: 12.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.5	107.3
116	4.3	3.4	5.0





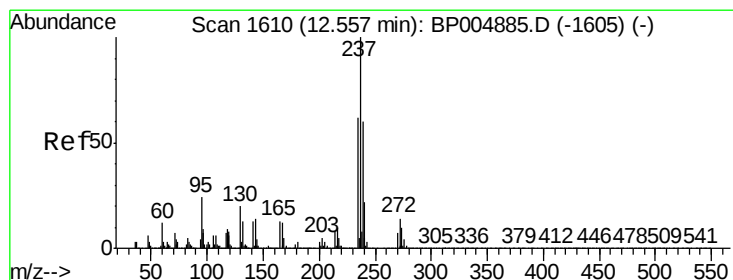
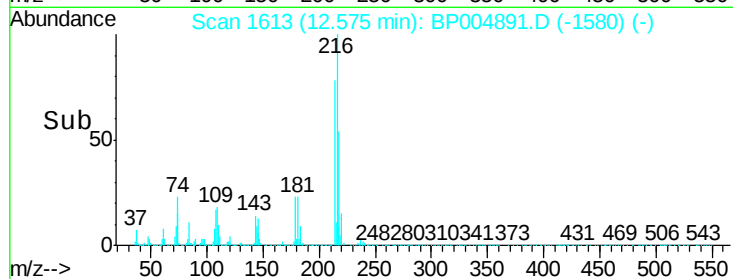
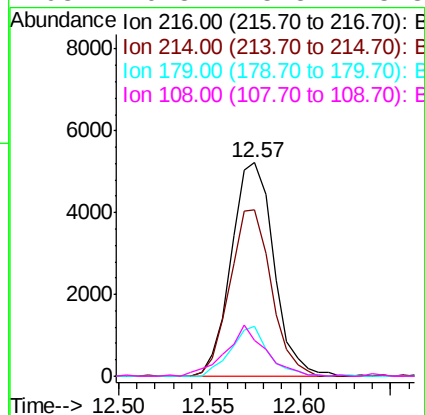
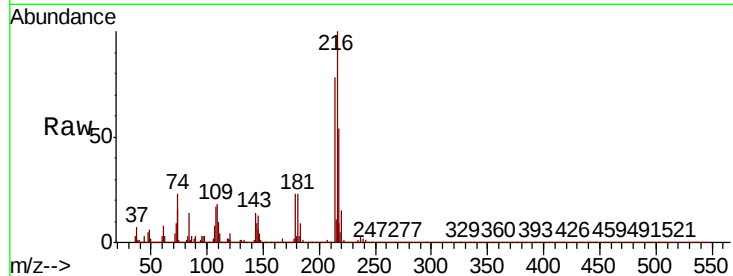
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.838 ng/ul
 RT: 12.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tot Ion:	216	Resp:	8534
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.3	93.5
179	23.5	17.2	25.8
108	16.8	15.5	23.3

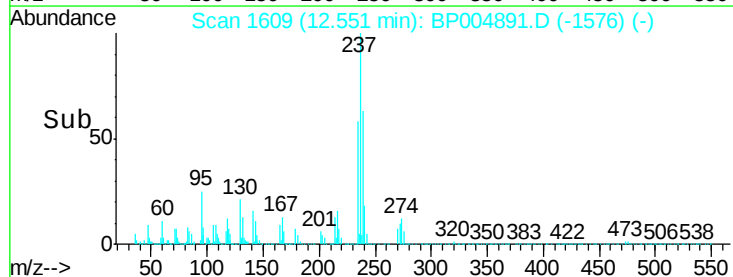
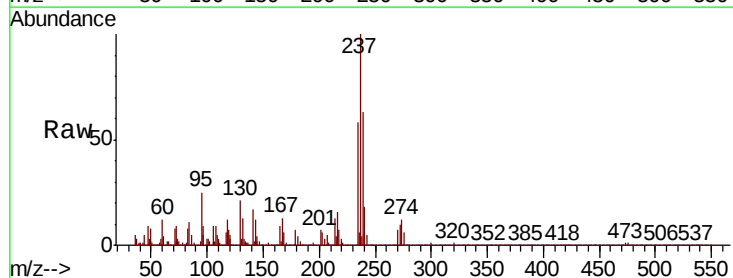
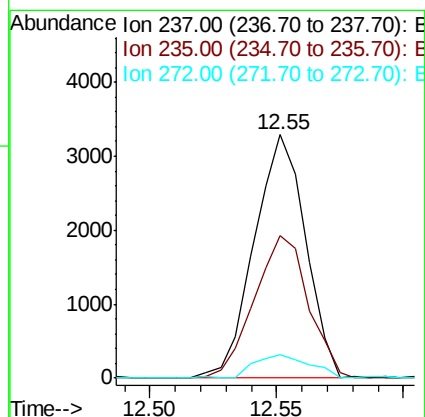
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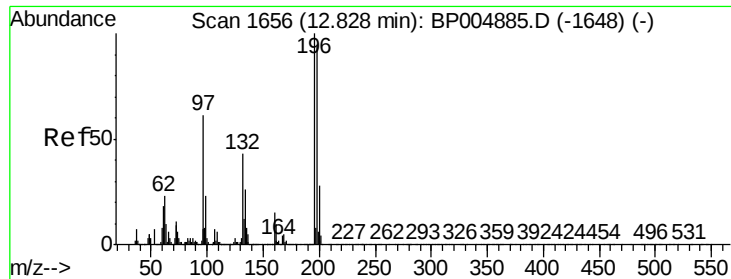
mohammad
 3/4/2021 11:33:25 AM



#38
 Hexachlorocyclopentadiene
 Concen: 3.282 ng/ul
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Tgt Ion:	237	Resp:	4650
Ion Ratio	Lower	Upper	
237	100		
235	58.4	49.4	74.0
272	9.8	10.6	15.8#





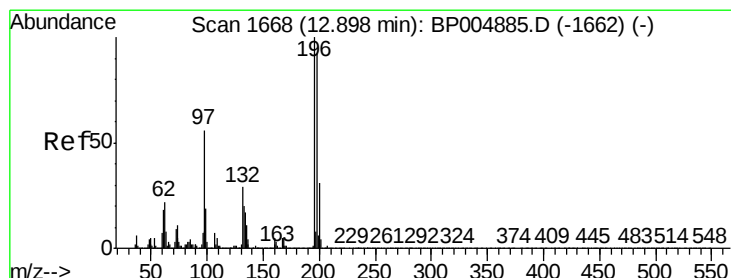
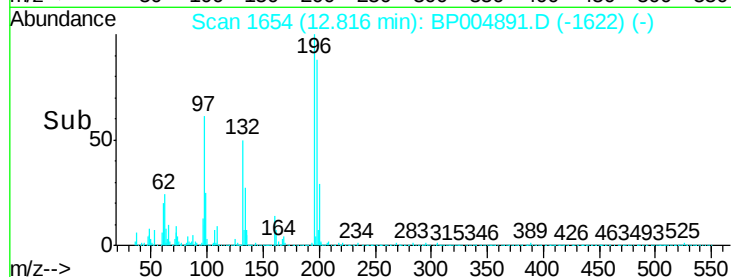
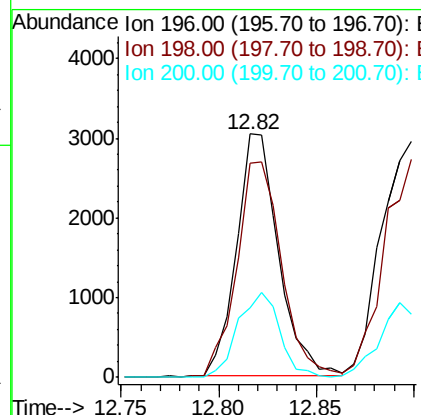
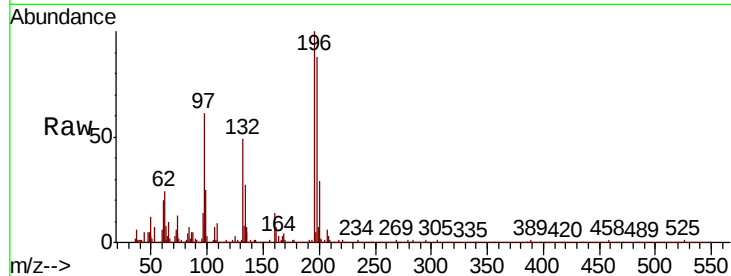
#39
 2,4,6-Trichlorophenol
 Concen: 3.251 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
196	100		
198	87.8	78.0	117.0
200	28.7	23.8	35.8

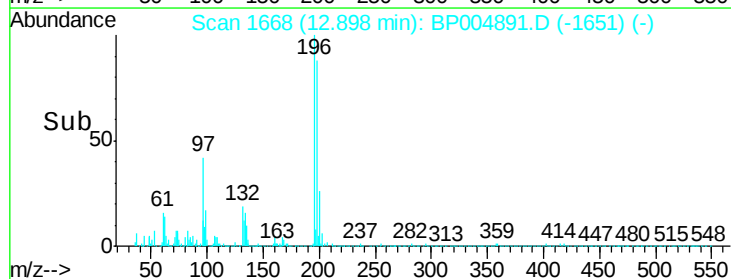
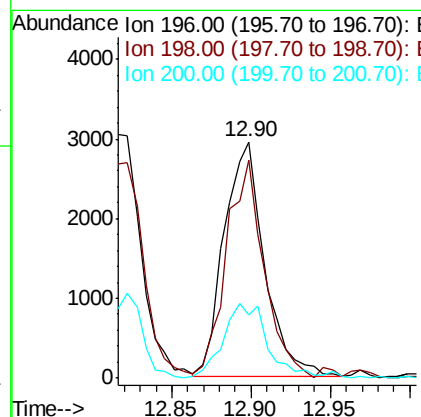
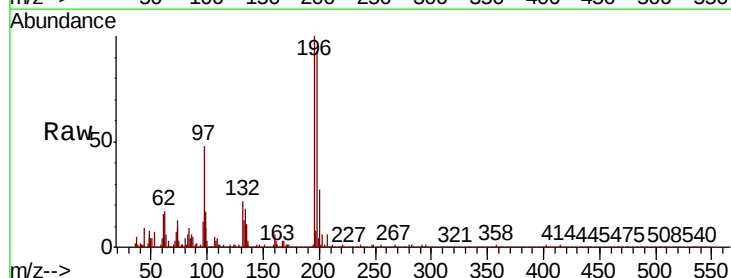
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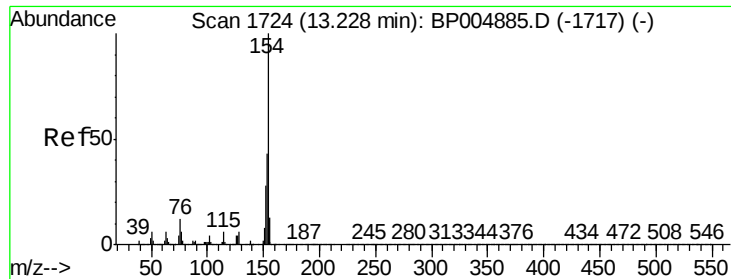
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 3.491 ng/ul
 RT: 12.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	72.8	109.2
200	26.7	23.7	35.5





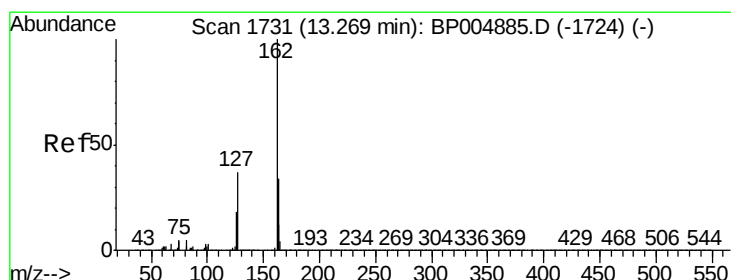
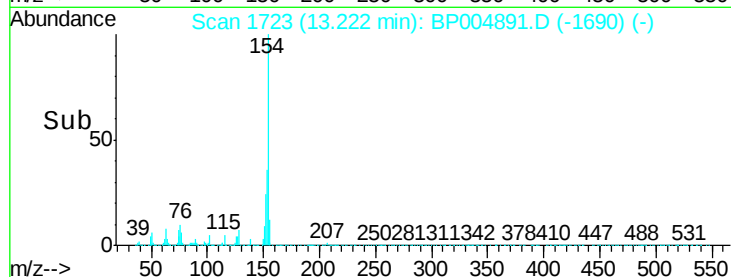
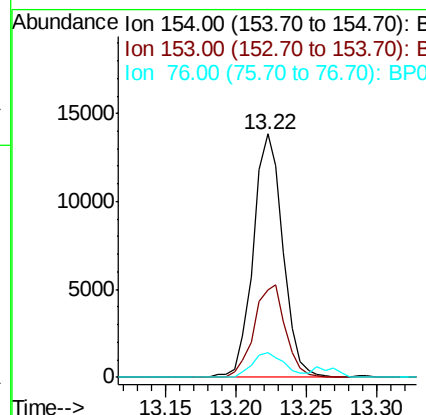
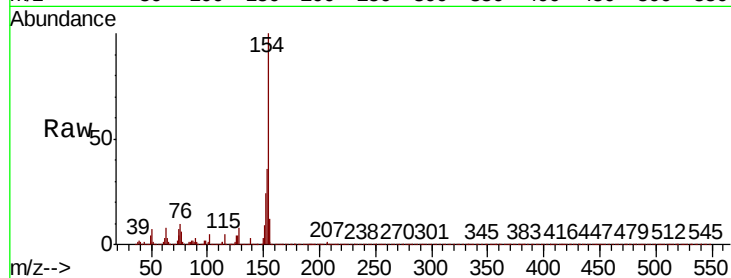
#41
1,1'-Biphenyl
Concen: 3.941 ng/ul
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion:	154	Resp:	20465
Ion Ratio	Lower	Upper	
154	100		
153	36.0	33.2	49.8
76	10.0	9.8	14.6

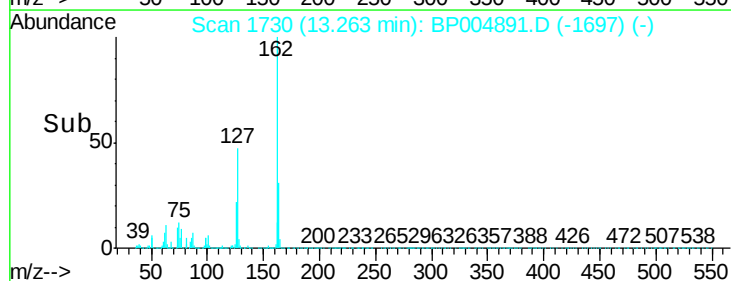
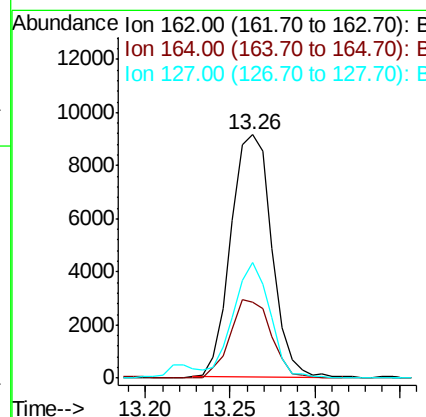
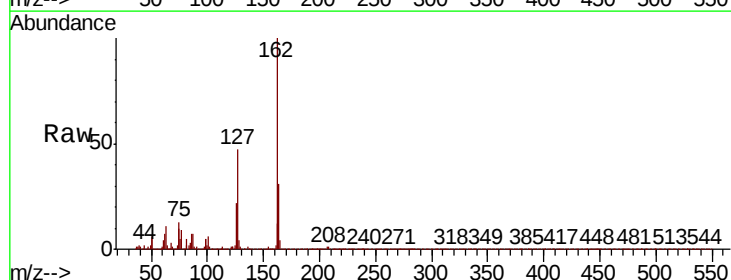
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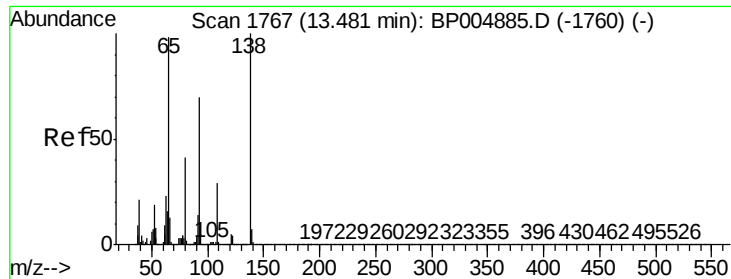
mohammad
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#42
2-Chloronaphthalene
Concen: 3.768 ng/ul
RT: 13.26 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion:	162	Resp:	15379
Ion Ratio	Lower	Upper	
162	100		
164	31.2	25.7	38.5
127	47.4	33.5	50.3





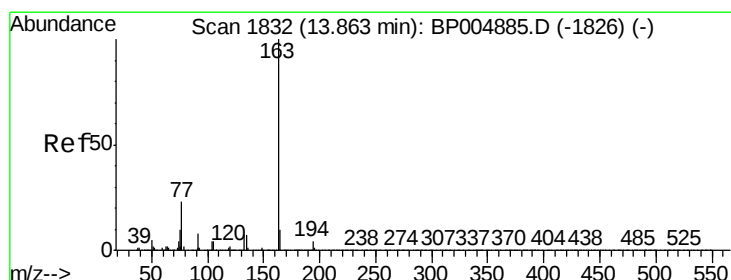
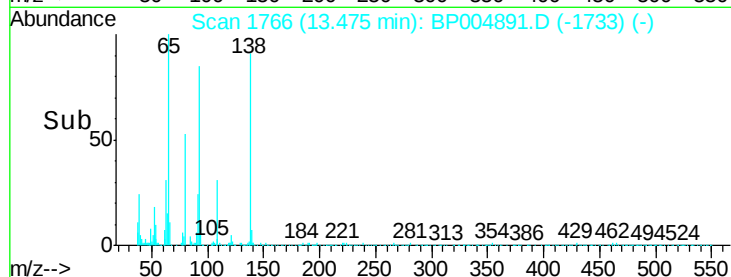
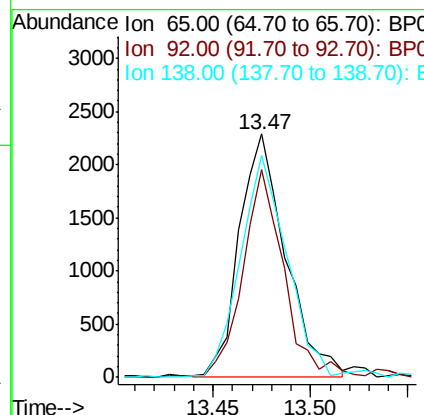
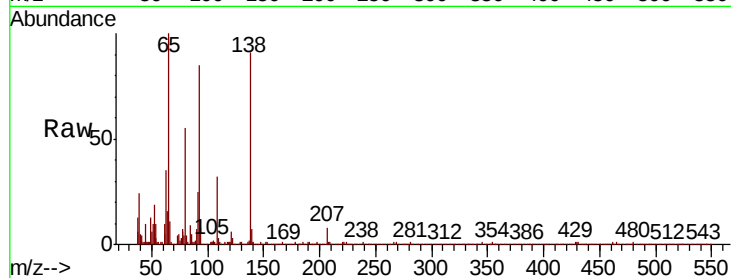
#43
2-Nitroaniline
Concen: 3.243 ng/ul
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
65	100		
92	85.4	55.3	82.9#
138	91.0	79.0	118.6

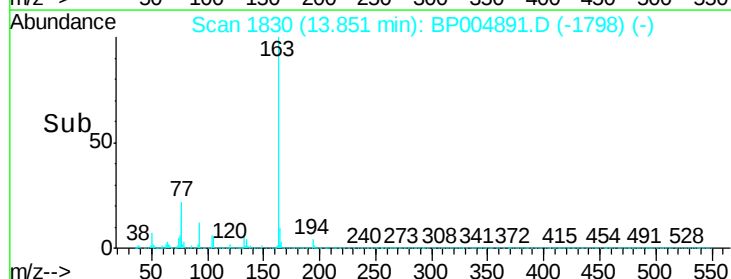
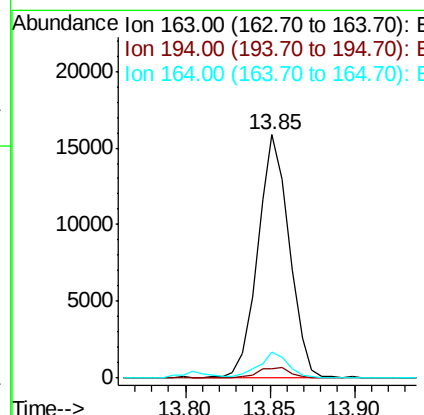
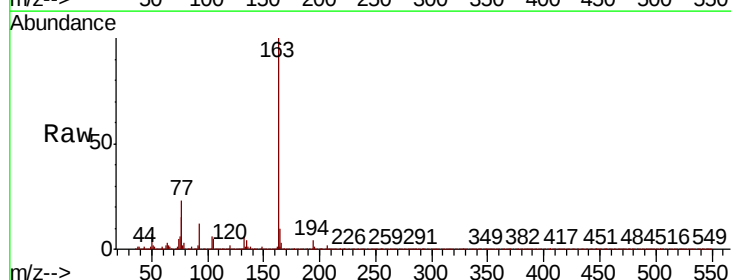
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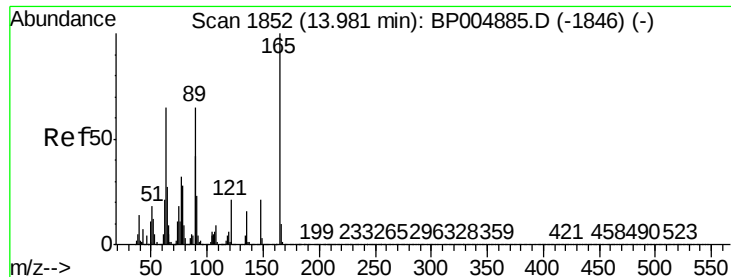
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#45
Dimethylphthalate
Concen: 3.945 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.5	7.8	11.8





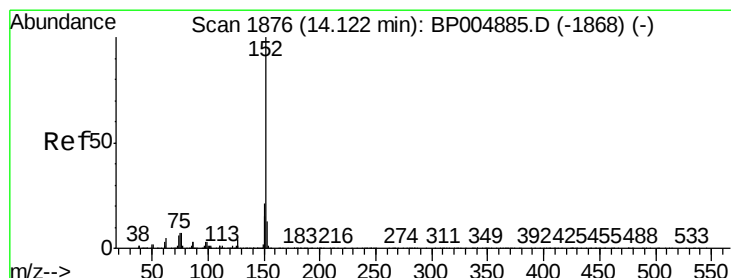
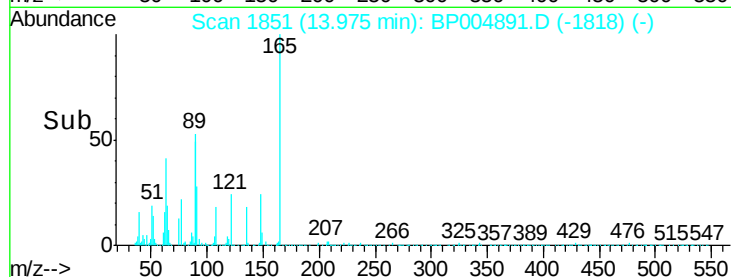
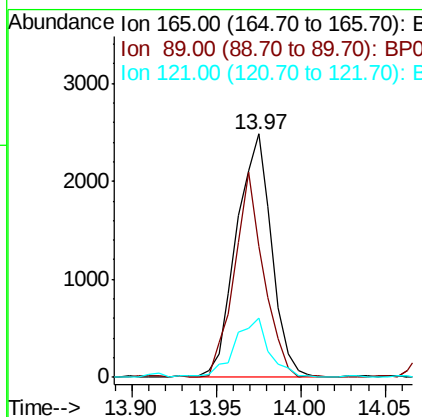
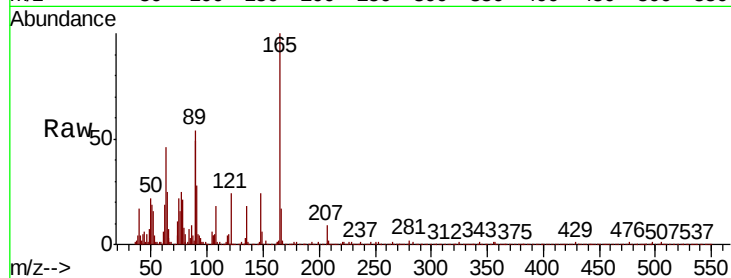
#46
 2,6-Dinitrotoluene
 Concen: 3.459 ng/ul
 RT: 13.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
165	100		
89	53.5	54.3	81.5#
121	24.3	18.2	27.2

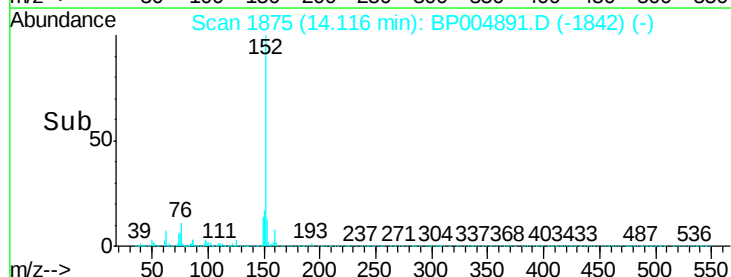
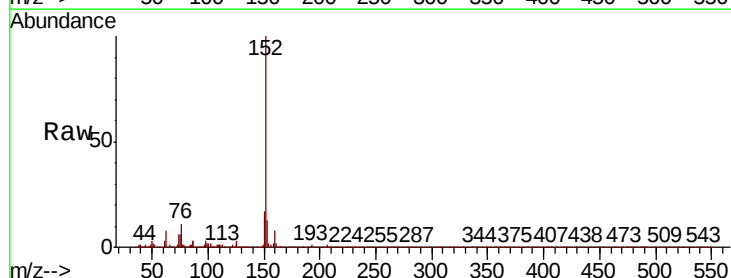
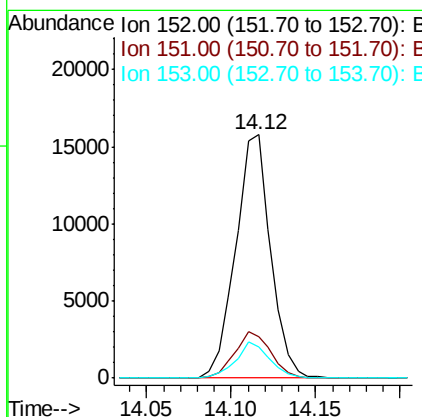
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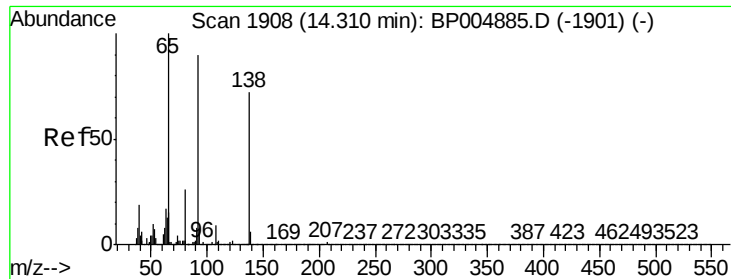
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#48
 Acenaphthylene
 Concen: 3.833 ng/ul
 RT: 14.12 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.7	23.5
153	12.8	10.2	15.4





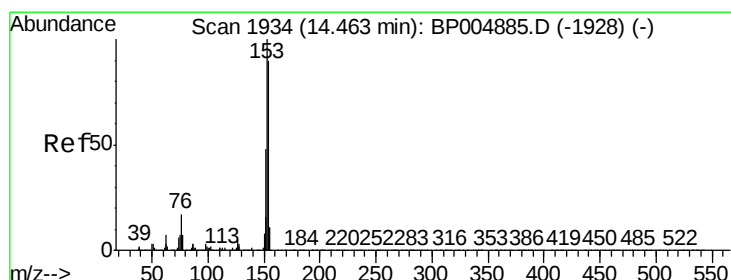
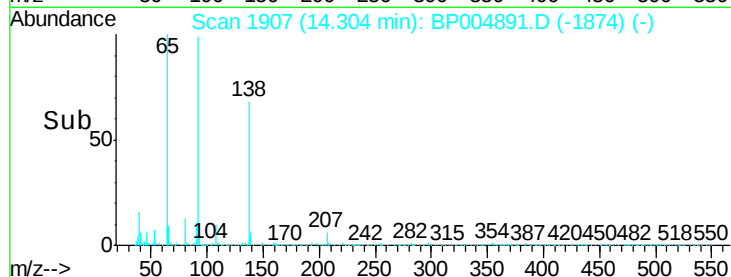
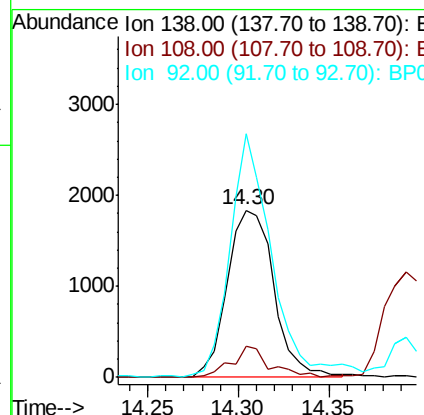
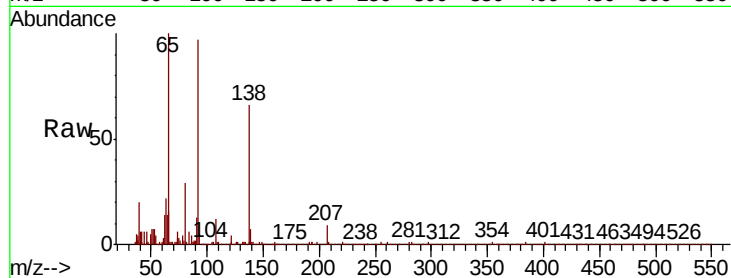
#49
3-Nitroaniline
Concen: 3.437 ng/ul
RT: 14.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
138	100		
108	18.7	10.1	15.1#
92	145.9	99.7	149.5

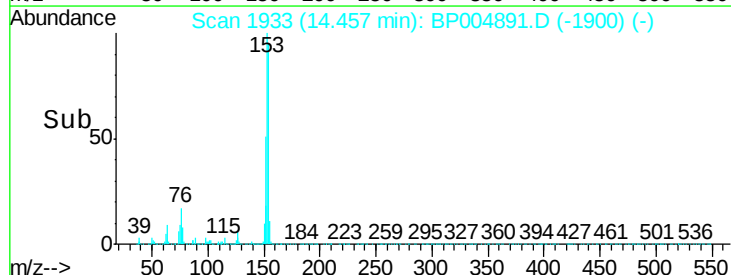
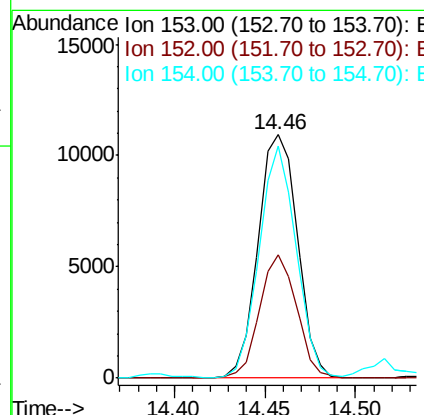
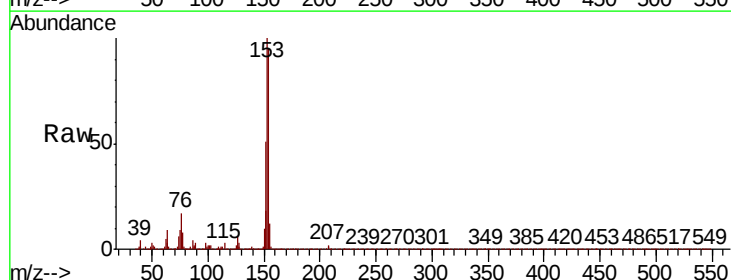
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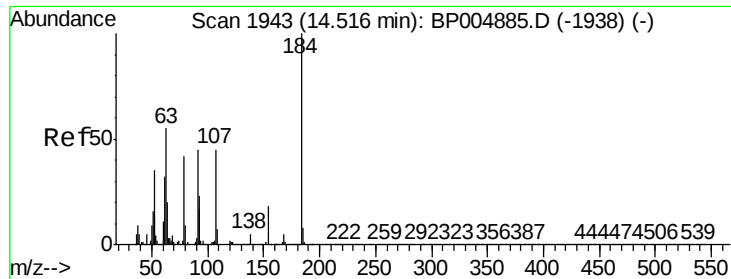
mohammad
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#50
Acenaphthene
Concen: 3.832 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	38.7	58.1
154	95.5	72.2	108.2





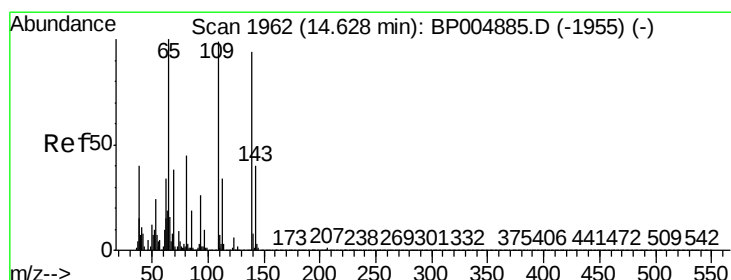
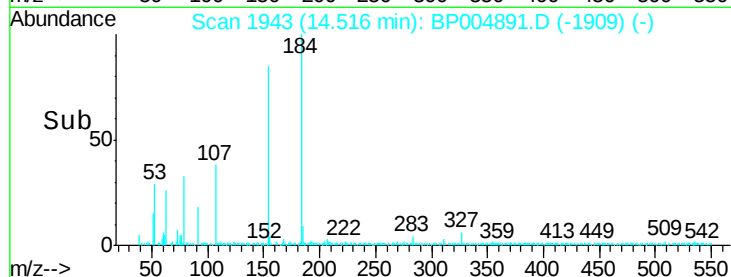
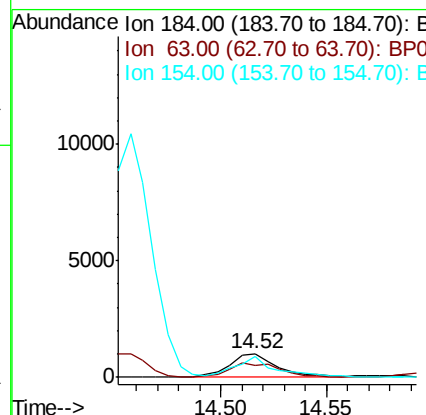
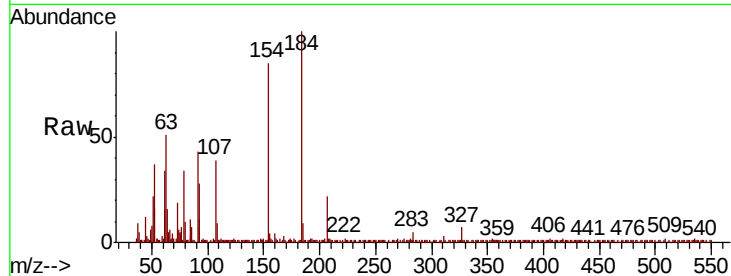
#51
2,4-Dinitrophenol
Concen: 2.379 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Resp	Lower	Upper
184	100	1596		
63	51.4	58.3	87.5#	
154	85.2	52.0	78.0#	

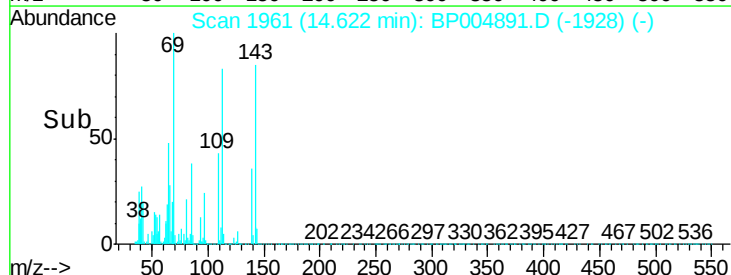
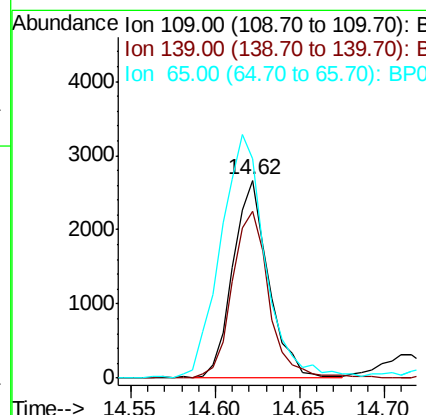
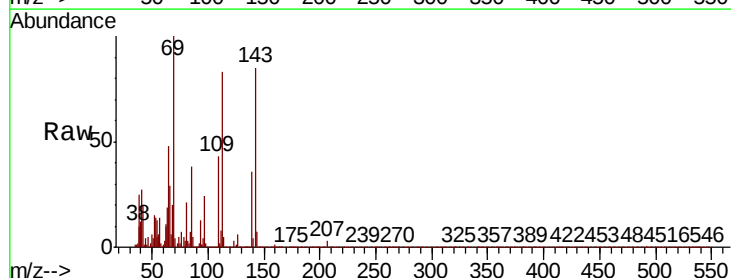
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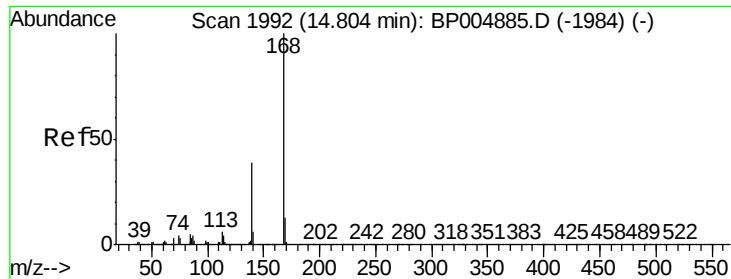
mohammad
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#53
4-Nitrophenol
Concen: 3.929 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	3872		
139	84.0	77.6	116.4	
65	110.9	85.5	128.3	





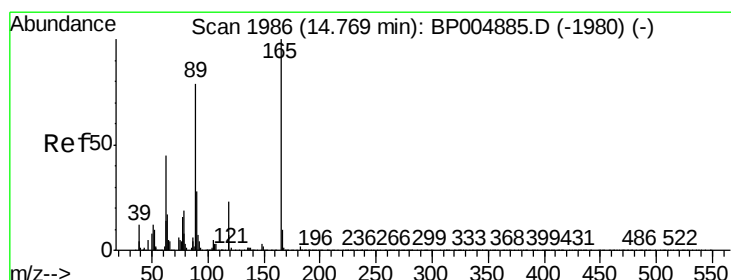
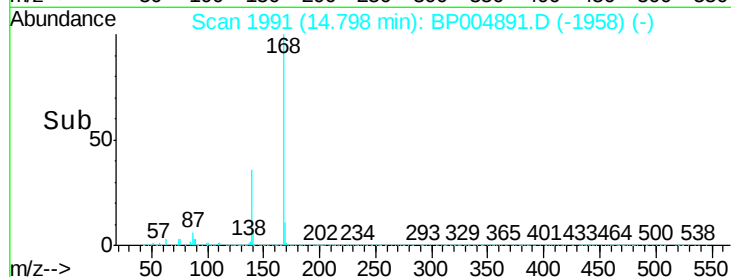
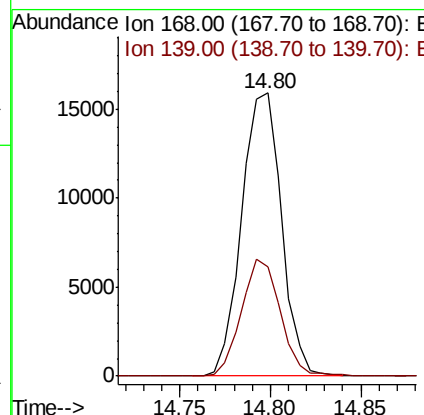
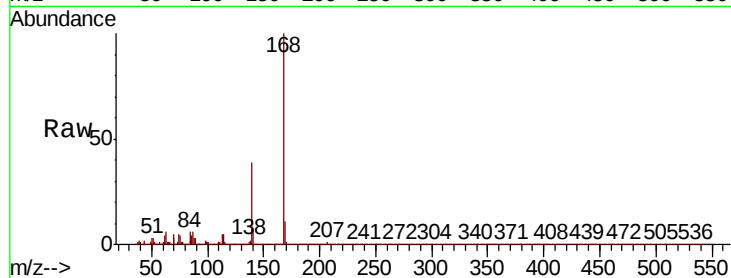
#54
Dibenzofuran
Concen: 3.888 ng/ul
RT: 14.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.6	48.8

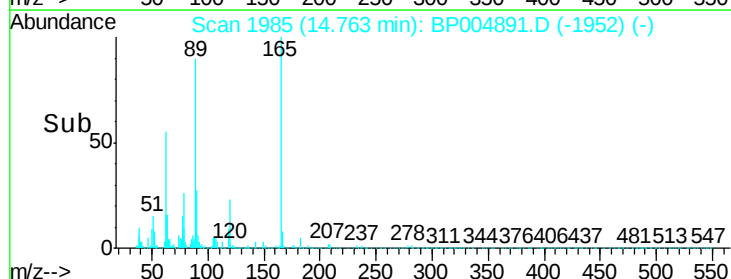
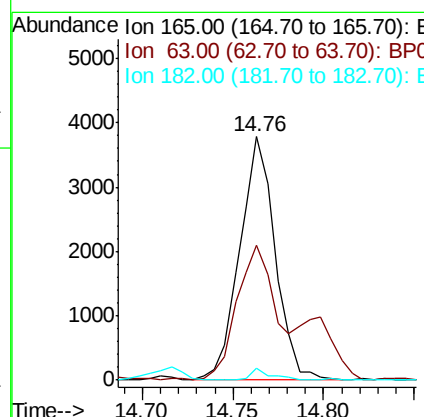
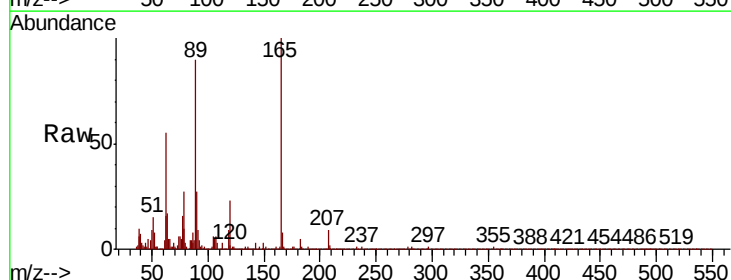
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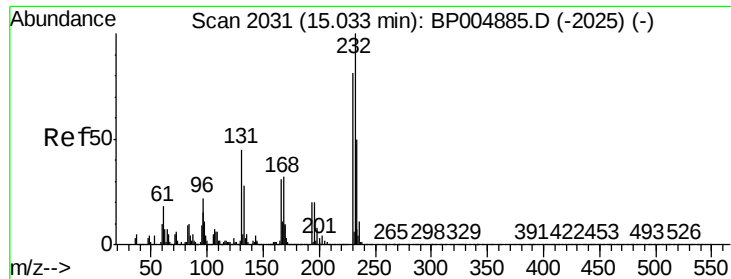
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3/4/2021 11:33:25 AM



#55
2,4-Dinitrotoluene
Concen: 3.342 ng/ul
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	42.2	63.2
182	4.6	3.0	4.4#





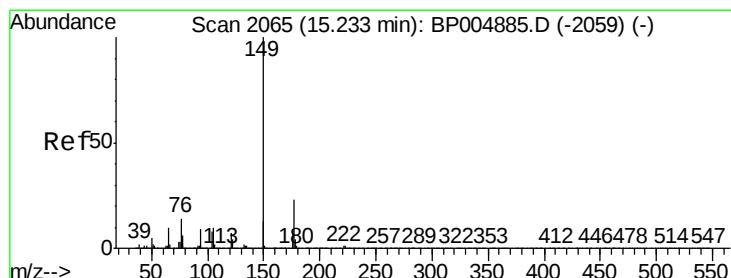
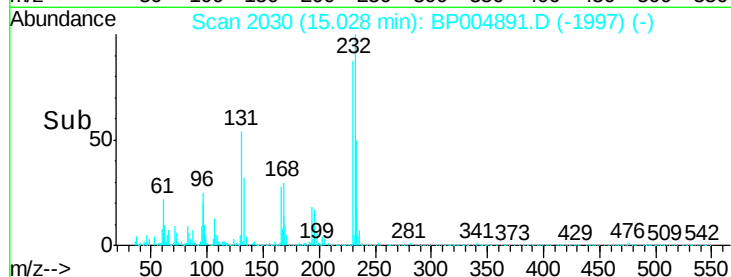
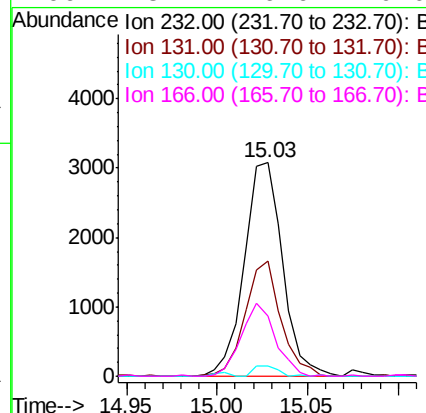
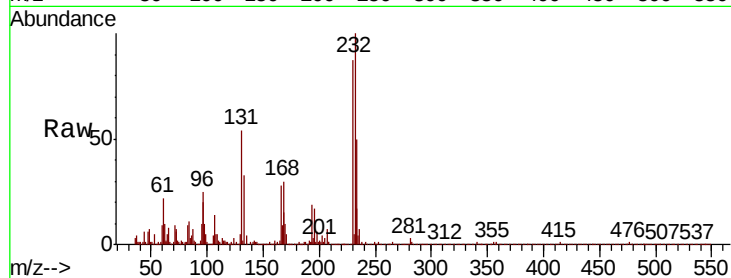
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.434 ng/ul
RT: 15.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		4526		
131	54.0	38.2	57.4		
130	4.6	2.5	3.7#		
166	28.1	26.6	40.0		

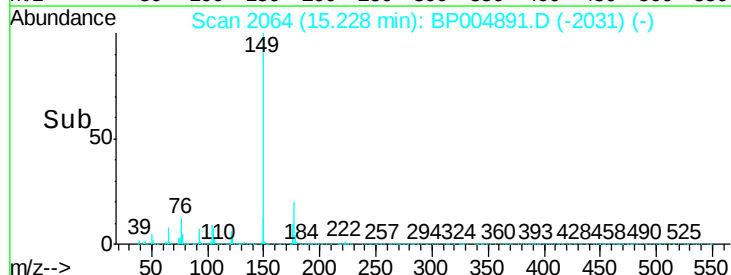
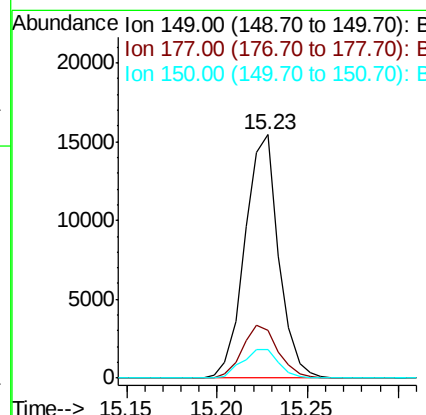
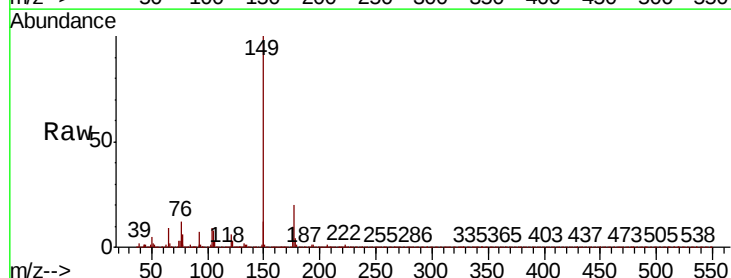
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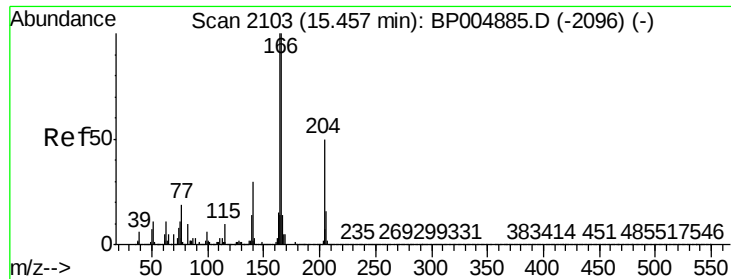
mohammad
3/4/2021 11:33:25 AM



#57
Diethylphthalate
Concen: 3.779 ng/ul
RT: 15.23 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		19934		
177	19.6	18.4	27.6		
150	11.6	10.7	16.1		





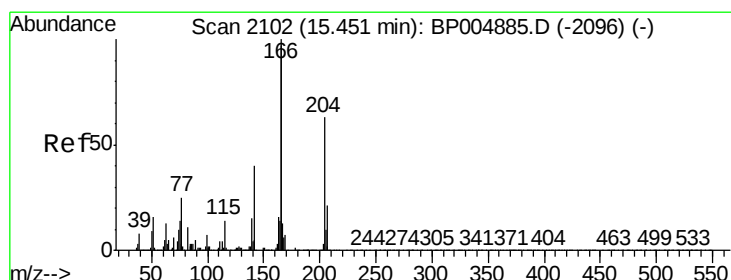
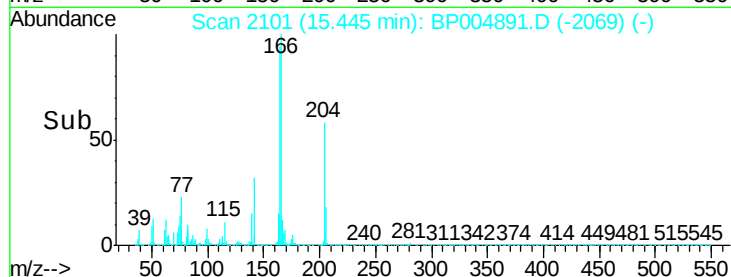
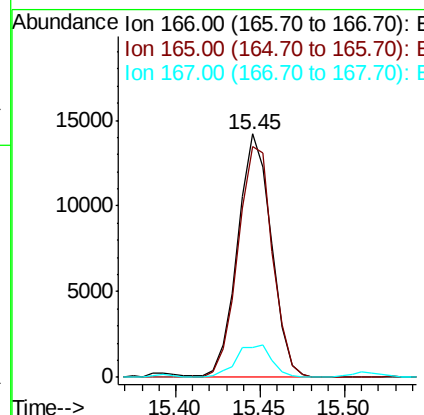
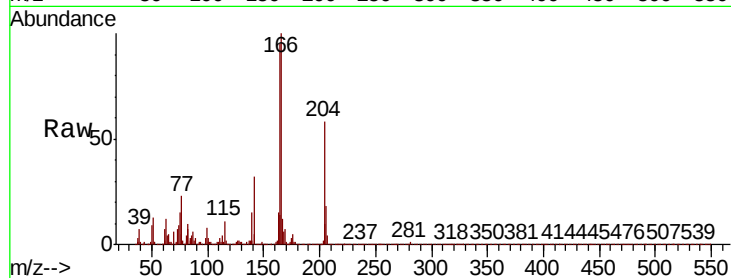
#59
Fluorene
Concen: 3.798 ng/ul
RT: 15.45 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.2	112.8
167	12.5	10.8	16.2

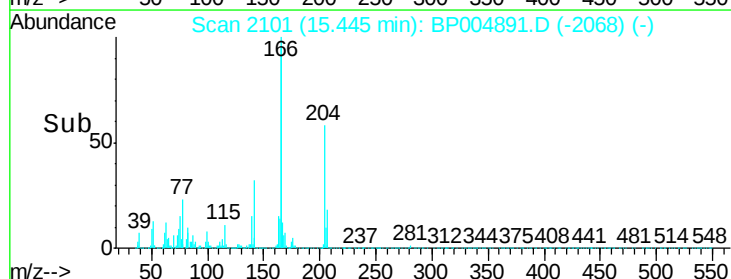
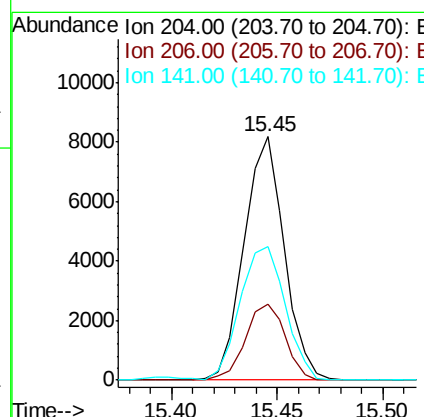
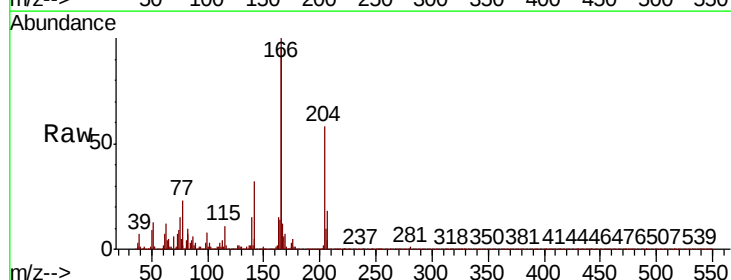
Manual Integrations
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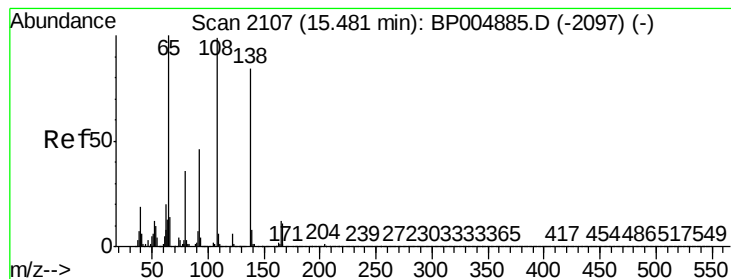
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 3.942 ng/ul
RT: 15.45 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.3	39.5
141	55.0	48.2	72.2





#61

4-Nitroaniline

Concen: 3.215 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

ClientSampleId :

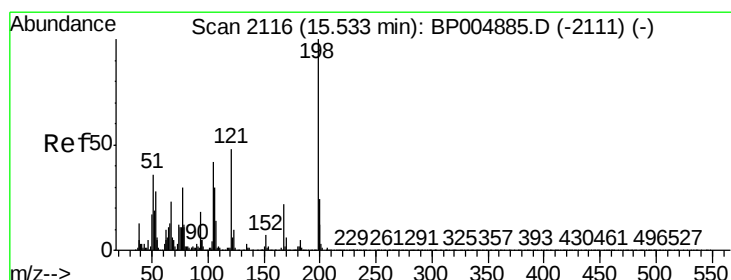
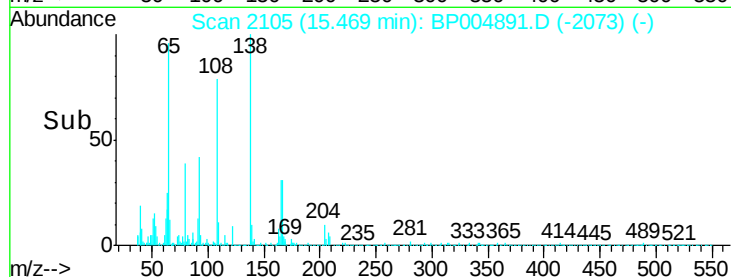
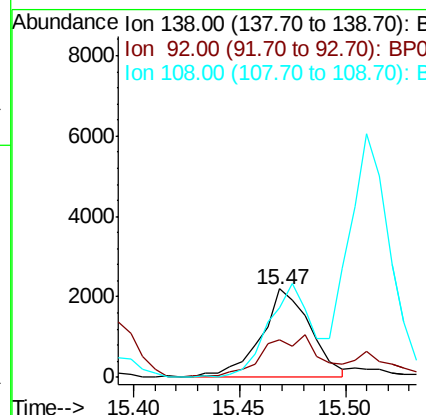
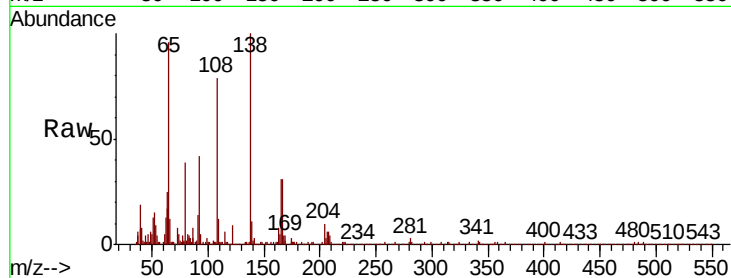
MDL-WATER-03

Tot Ion:138 Resp: 3498

Ion	Ratio	Lower	Upper
138	100		
92	42.0	46.1	69.1#
108	79.4	94.0	141.0#

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#64

4,6-Dinitro-2-methylphenol

Concen: 3.789 ng/ul

RT: 15.53 min Scan# 2115

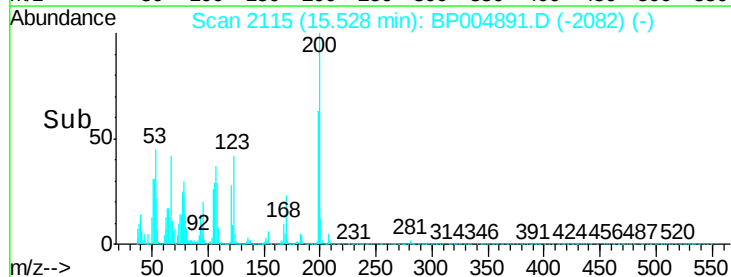
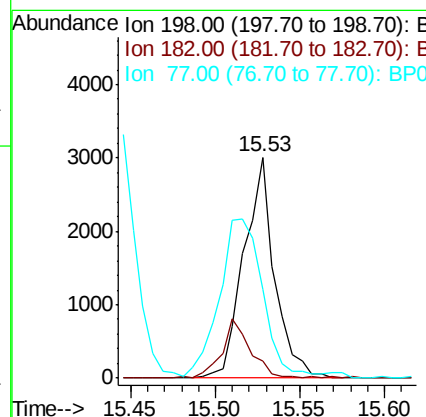
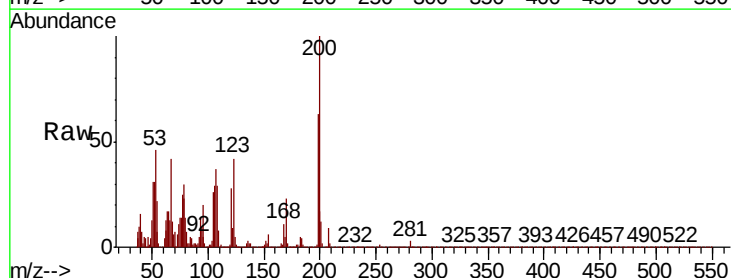
Delta R.T. -0.01 min

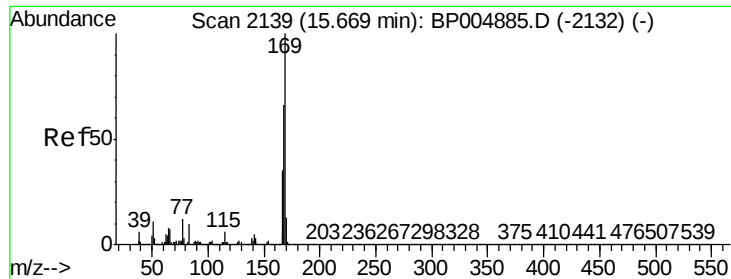
Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Tgt Ion:198 Resp: 3819

Ion	Ratio	Lower	Upper
198	100		
182	7.4	4.0	6.0#
77	40.3	23.9	35.9#





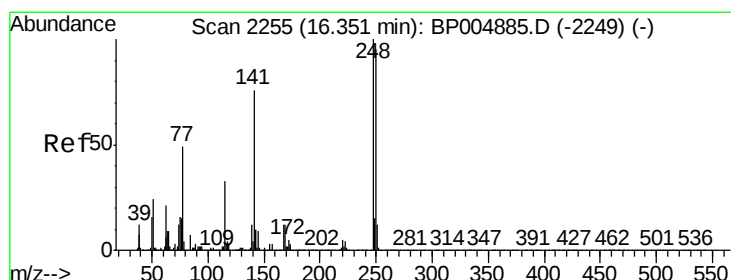
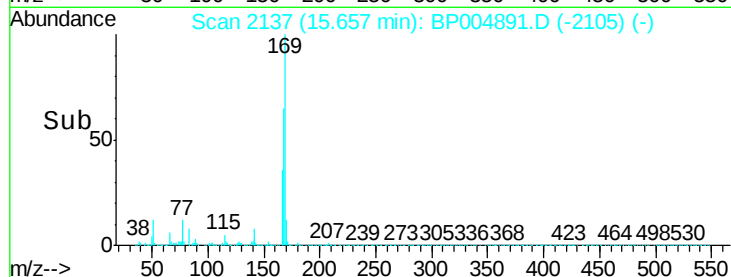
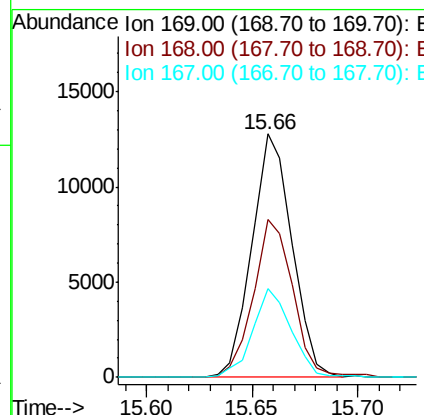
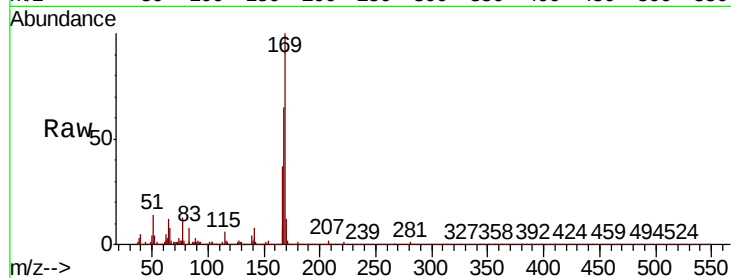
#65
N-Nitrosodiphenylamine
Concen: 3.780 ng/ul
RT: 15.66 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.1	81.1
167	36.6	29.0	43.4

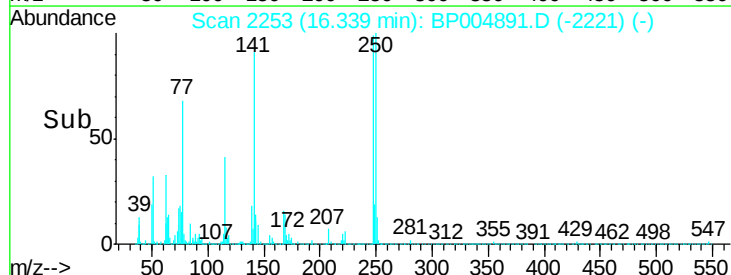
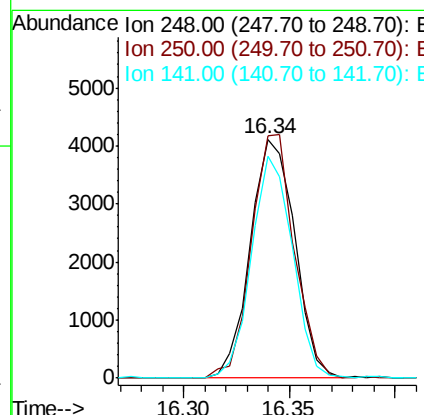
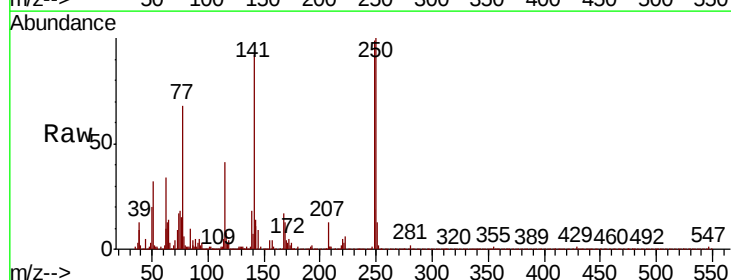
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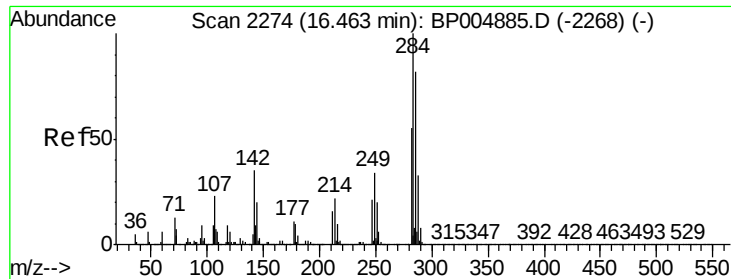
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#66
4-Bromophenyl-phenylether
Concen: 3.732 ng/ul
RT: 16.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.3	76.1	114.1
141	92.8	69.9	104.9





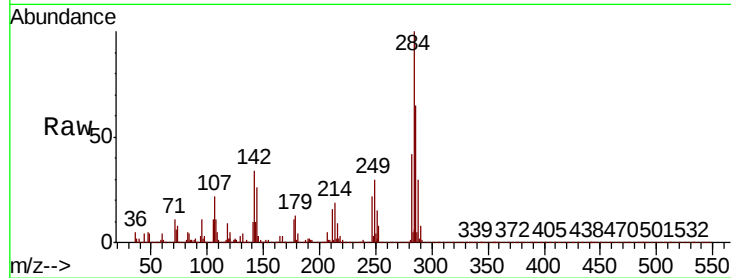
#67
Hexachlorobenzene
Concen: 4.060 ng/ul
RT: 16.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

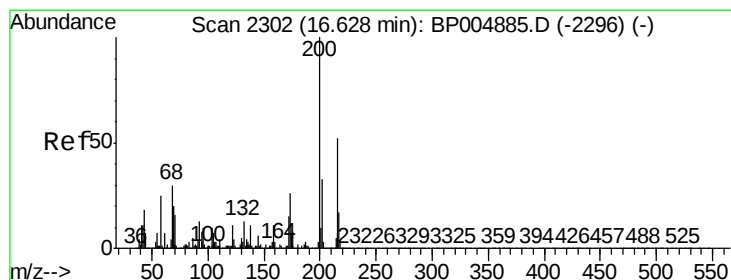
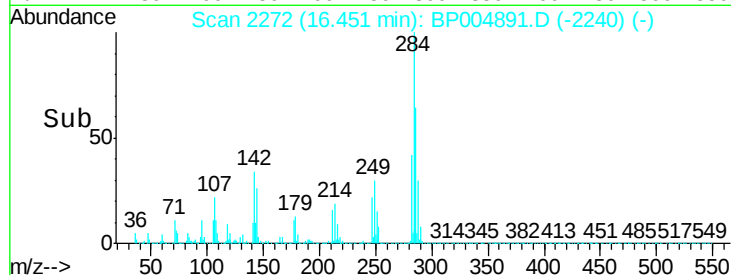
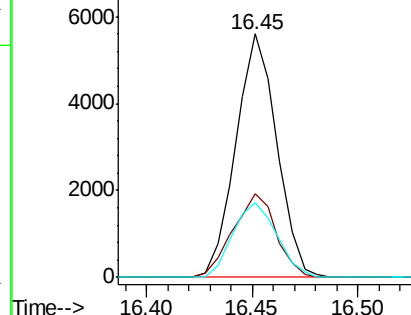
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.3	33.6	50.4
249	30.4	25.0	37.4

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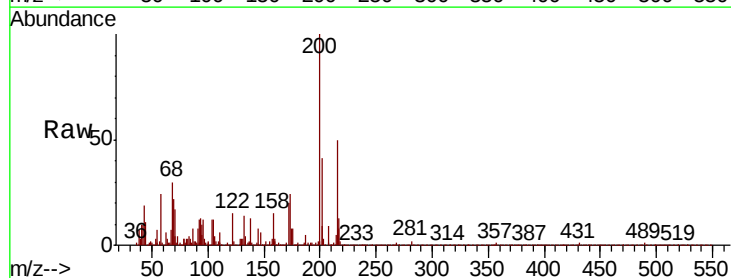


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

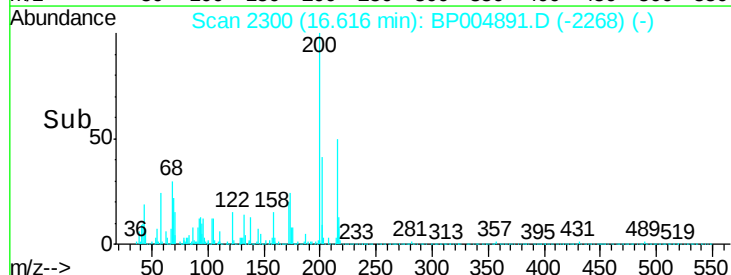
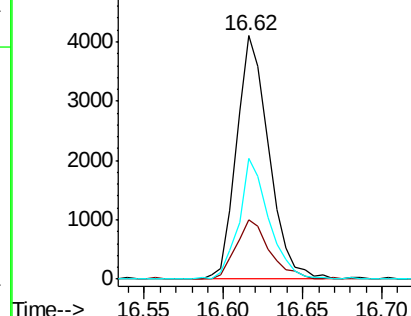


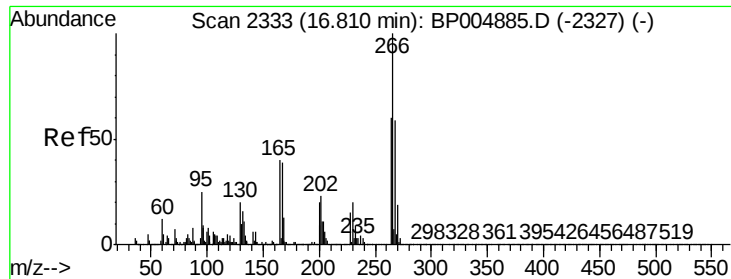
#68
Atrazine
Concen: 3.302 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	21.2	31.8
215	49.8	38.3	57.5



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





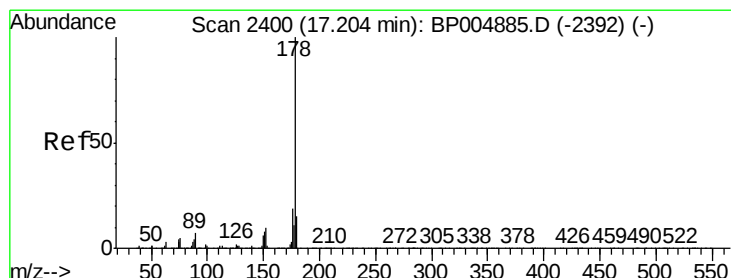
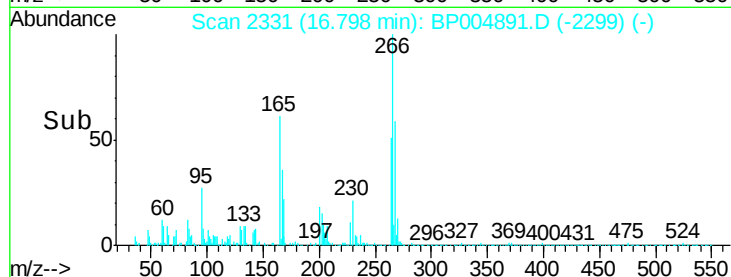
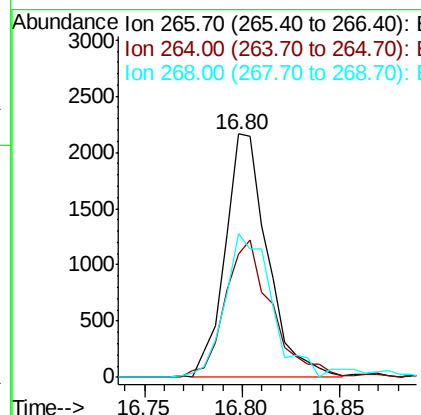
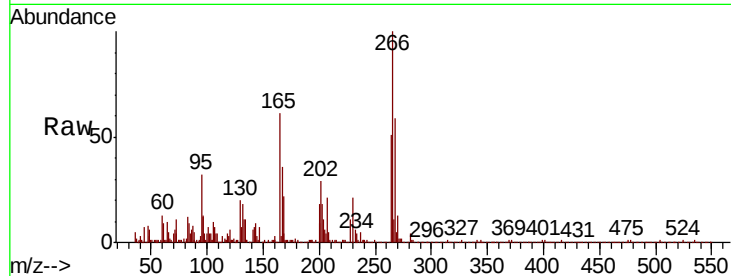
#69
Pentachlorophenol
Concen: 2.884 ng/ul
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
266	100		
264	50.9	49.6	74.4
268	63.9	52.6	78.8

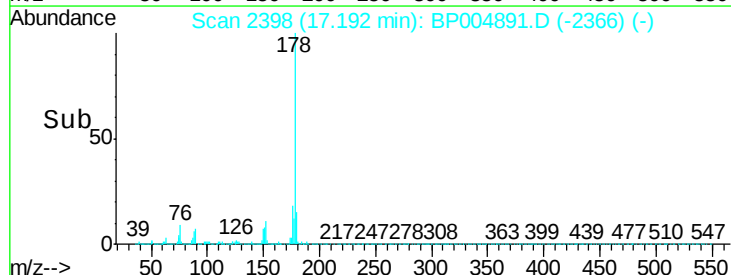
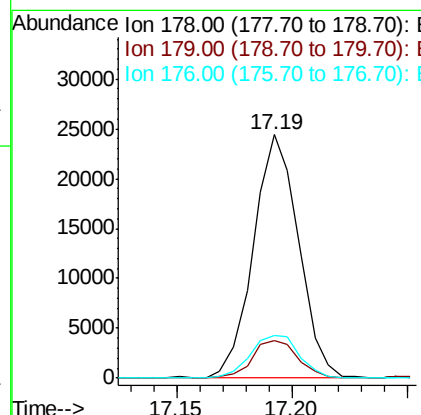
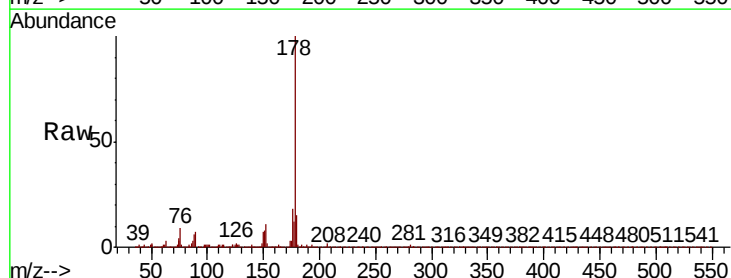
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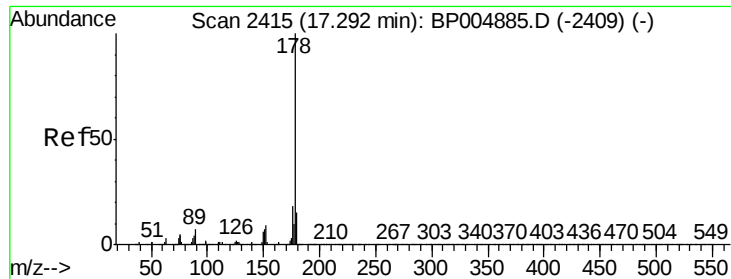
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#70
Phenanthrene
Concen: 4.011 ng/ul
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.5	14.6	21.8





#72

Anthracene

Concen: 3.907 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

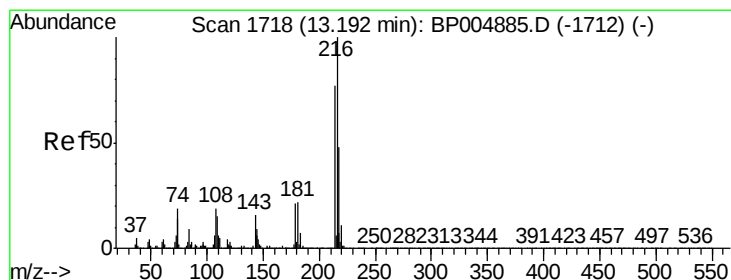
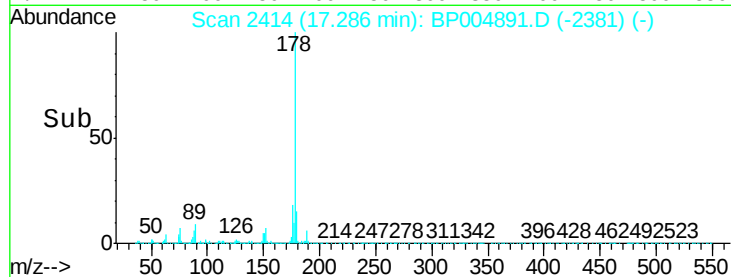
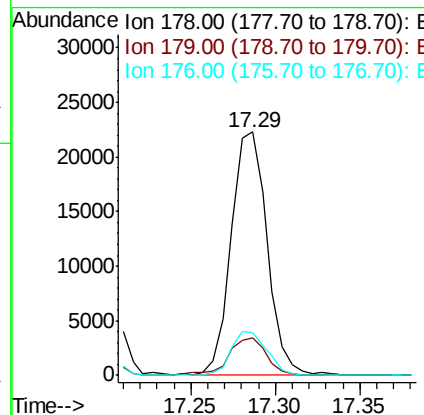
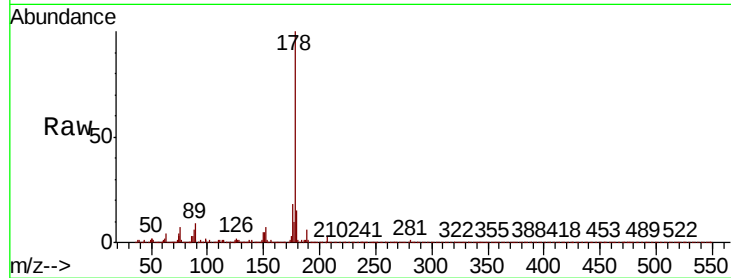
ClientSampleId :

MDL-WATER-03

Tot Ion:	178	Resp:	33061
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	17.6	14.3	21.5

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.983 ng/uL

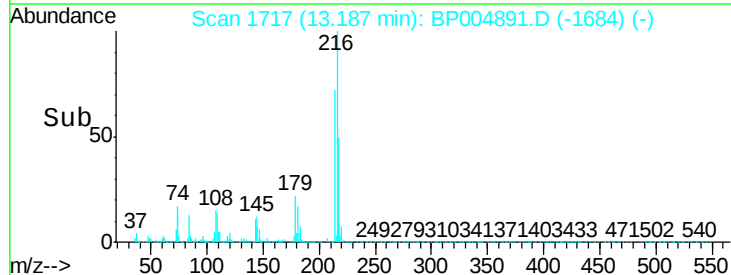
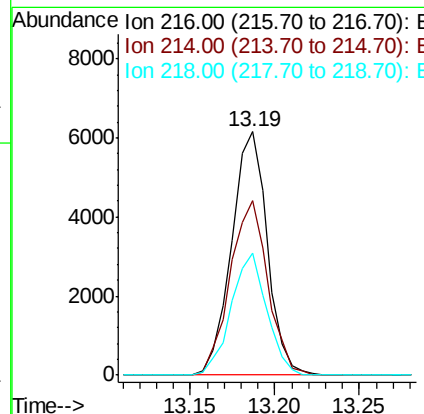
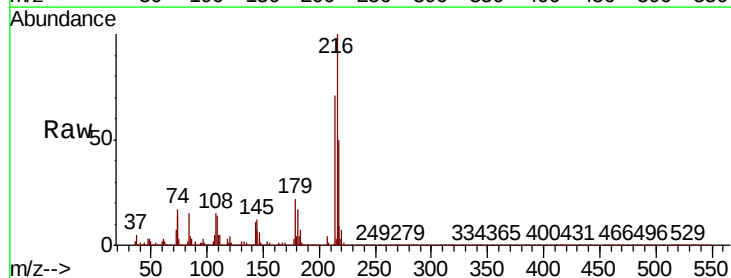
RT: 13.19 min Scan# 1717

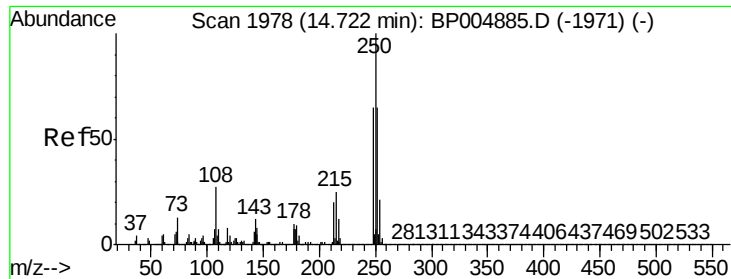
Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Tgt Ion:	216	Resp:	9044
Ion Ratio	Lower	Upper	
216	100		
214	71.5	60.6	90.8
218	50.2	36.6	55.0





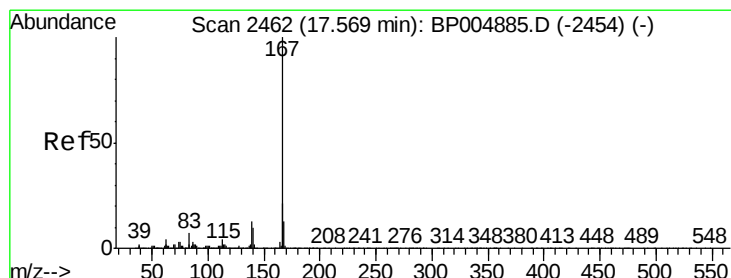
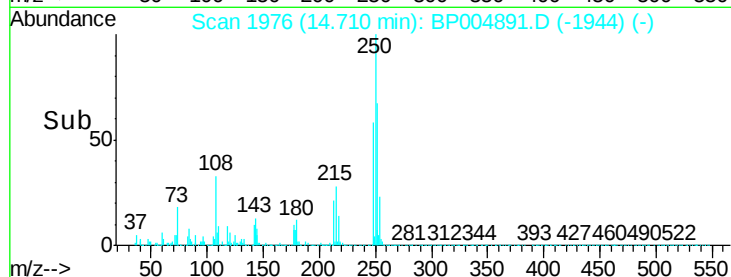
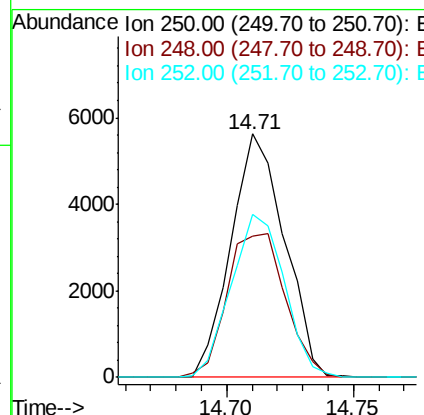
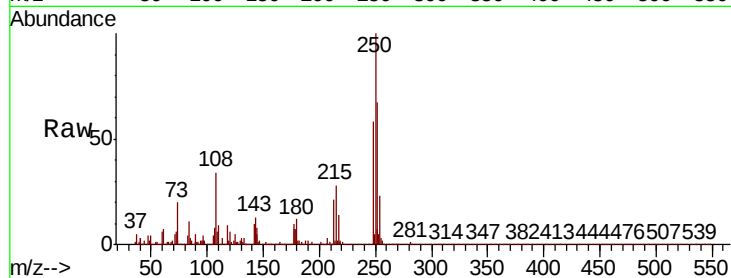
#74
Pentachlorobenzene
Concen: 3.741 ng/uL
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
250	100		
248	58.2	50.5	75.7
252	67.0	49.5	74.3

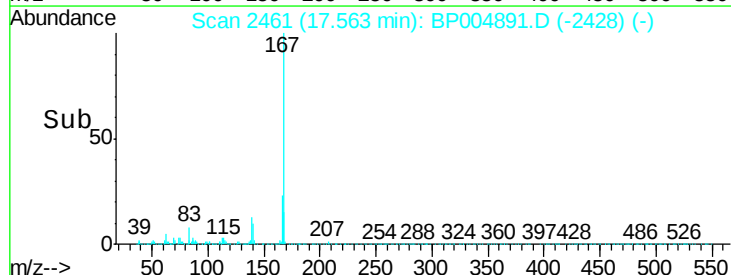
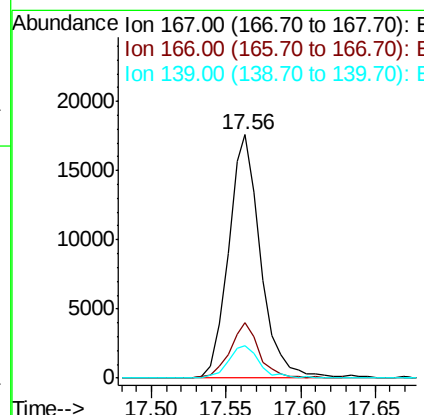
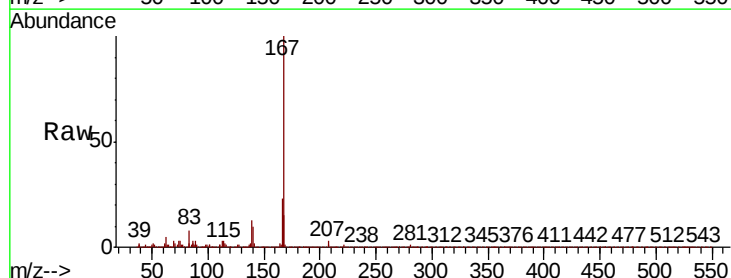
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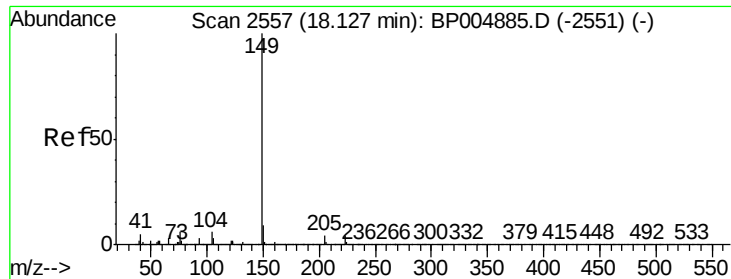
mohammad
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#75
Carbazole
Concen: 3.552 ng/uL
RT: 17.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.5	26.3
139	13.2	10.9	16.3





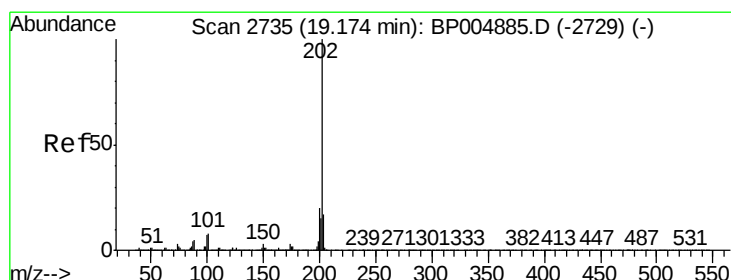
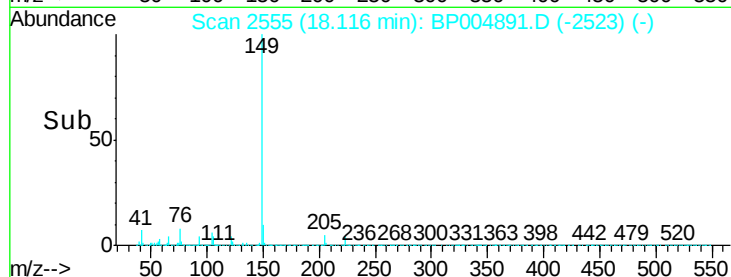
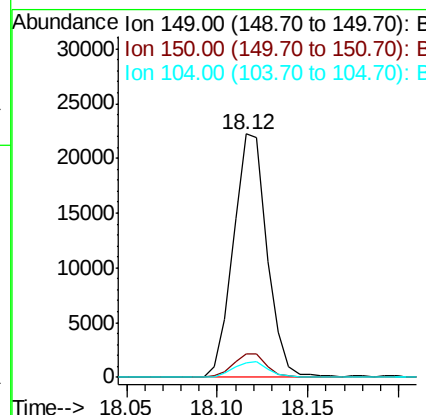
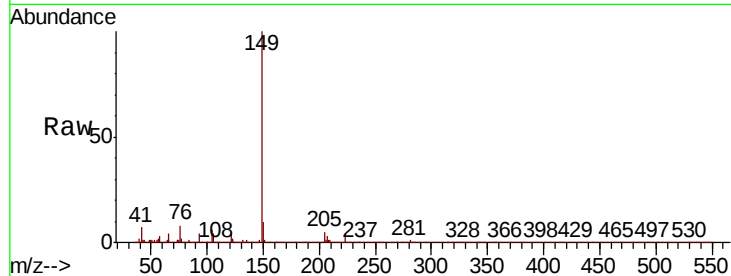
#76
Di-n-butylphthalate
Concen: 3.266 ng/ul
RT: 18.12 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.0	10.4
104	6.1	5.0	7.6

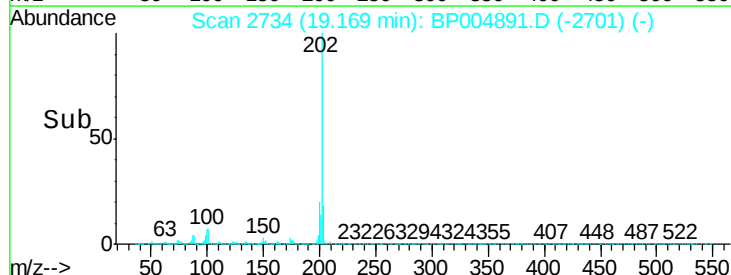
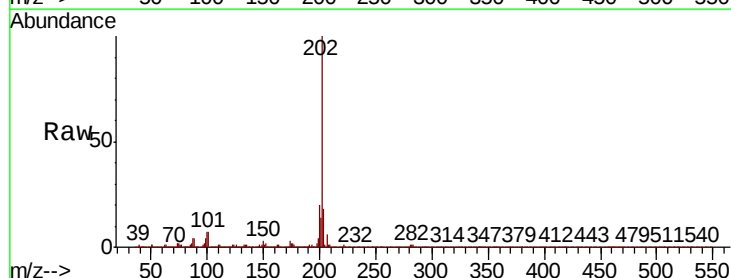
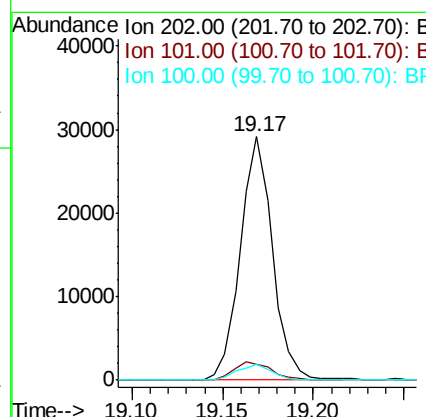
Manual Integrations
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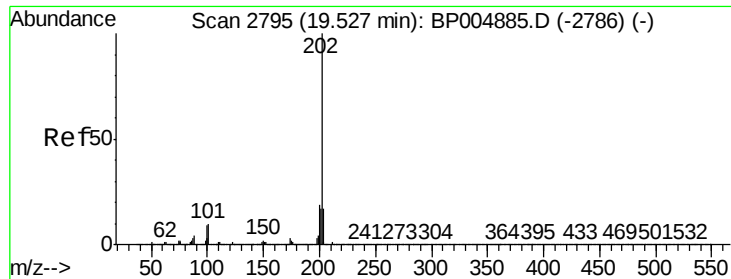
mohammad
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#77
Fluoranthene
Concen: 3.607 ng/ul
RT: 19.17 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	7.5	11.3#
100	6.6	5.9	8.9





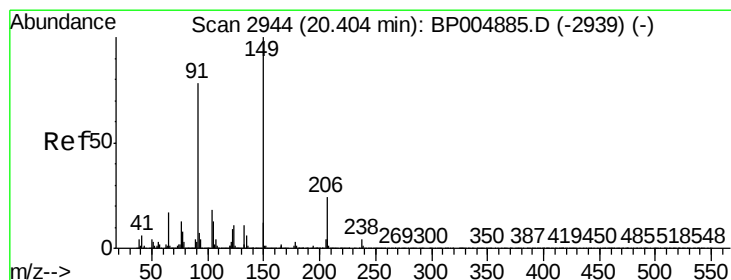
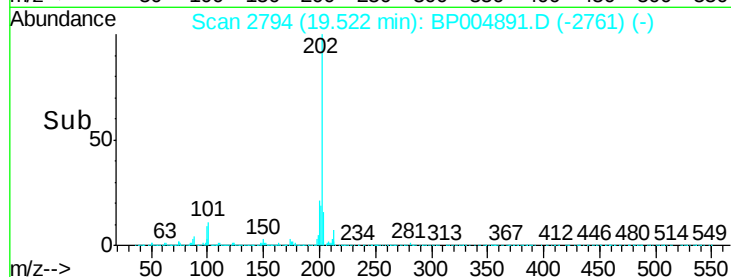
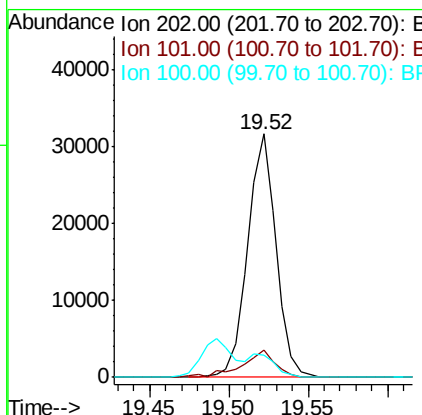
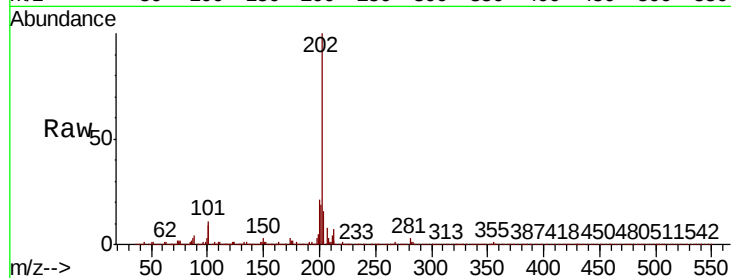
#80
Pvrene
Concen: 3.802 ng/ul
RT: 19.52 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion:	202	Resp:	39274
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.6	13.0
100	8.9	6.9	10.3

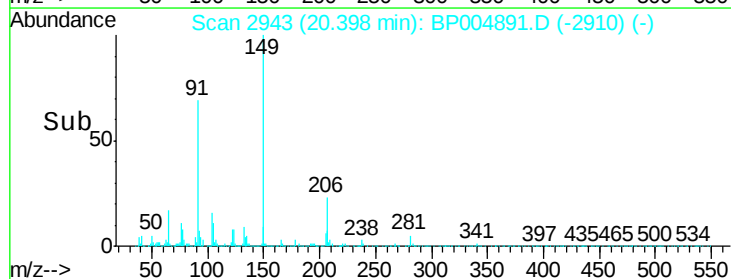
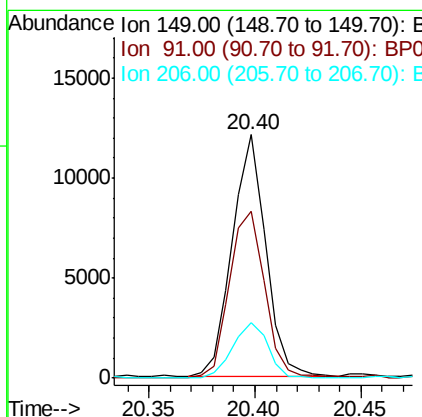
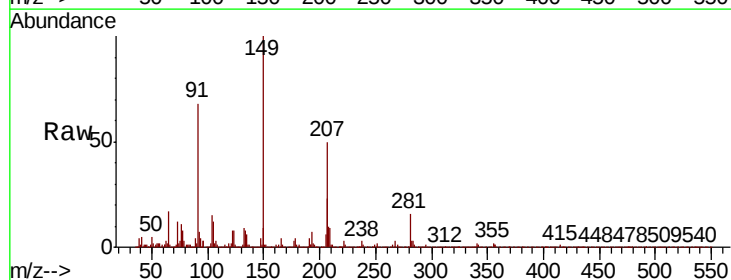
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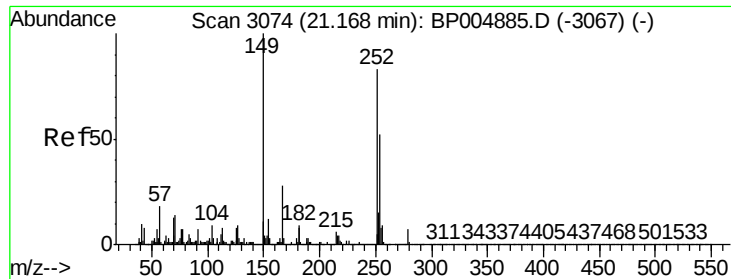
mohammad
3/4/2021 11:33:25 AM



#81
Butylbenzylphthalate
Concen: 3.291 ng/ul
RT: 20.40 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion:	149	Resp:	13263
Ion Ratio	Lower	Upper	
149	100		
91	68.4	62.0	93.0
206	22.7	19.0	28.6





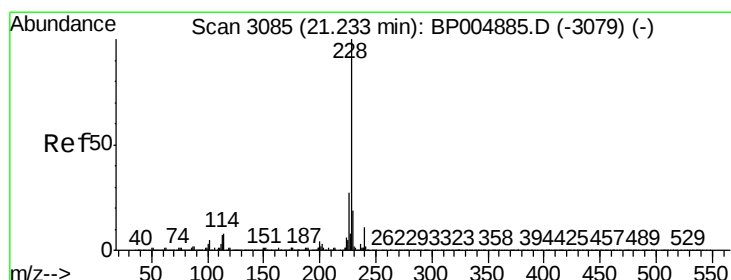
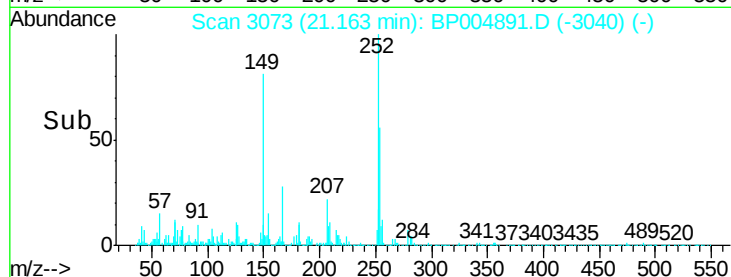
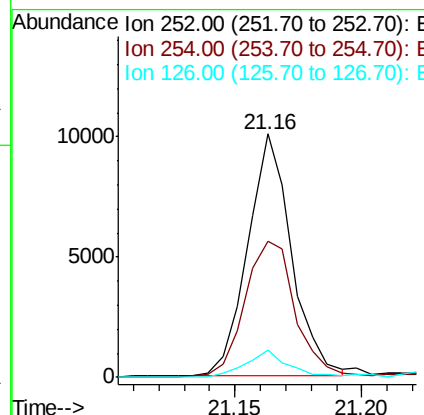
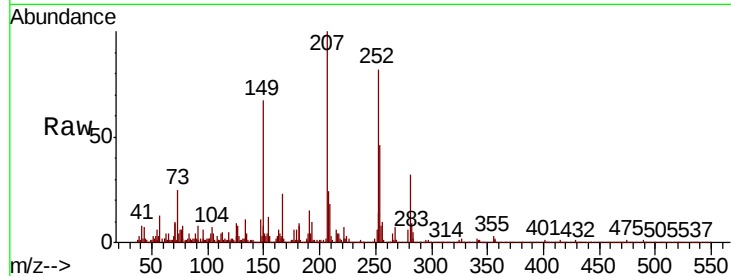
#82
 3,3'-Dichlorobenzidine
 Concen: 3.474 ng/ul
 RT: 21.16 min Scan# 3073
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
252	100		
254	55.7	50.8	76.2
126	11.1	7.7	11.5

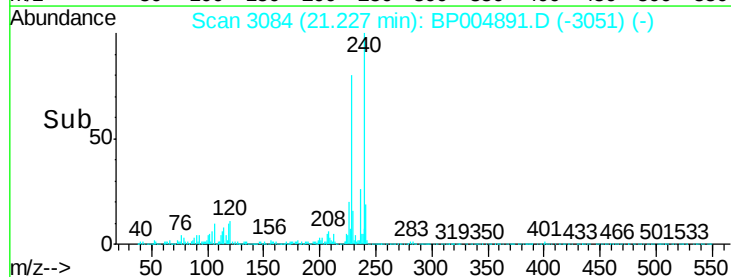
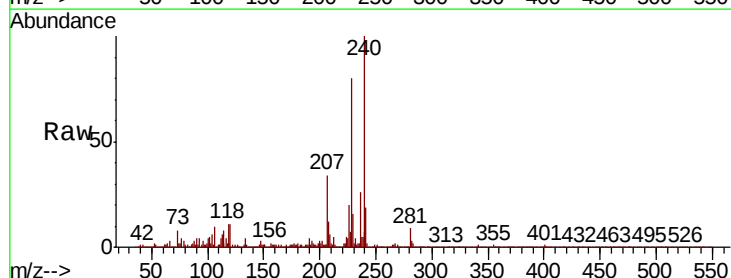
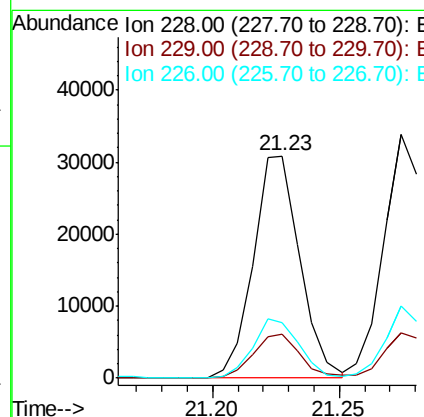
Manual Integrations
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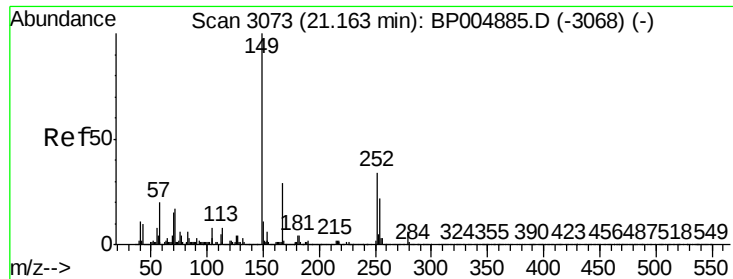
mohammad
 3/4/2021 11:33:25 AM



#83
 Benzo(a)anthracene
 Concen: 3.833 ng/ul
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BP004891.D
 Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	24.9	21.1	31.7





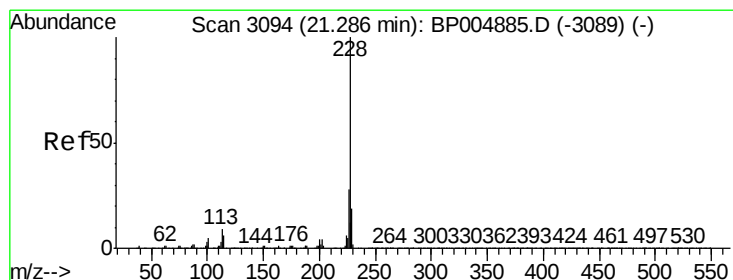
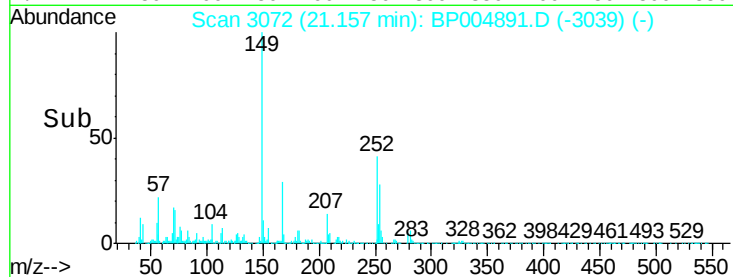
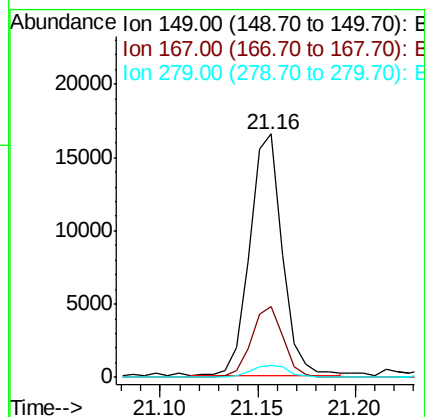
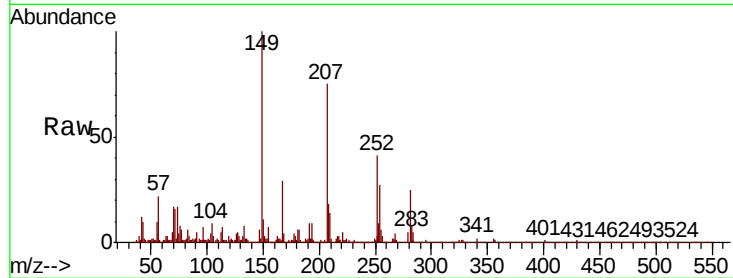
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.162 ng/ul
RT: 21.16 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.6
279	5.0	4.1	6.1

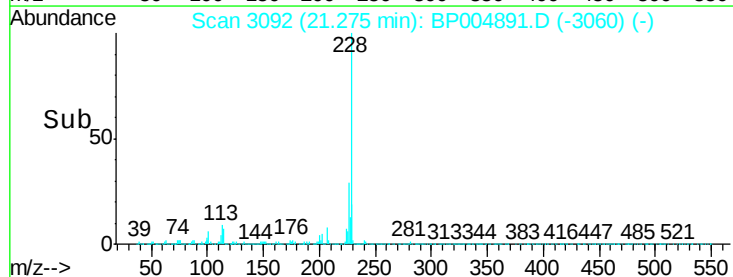
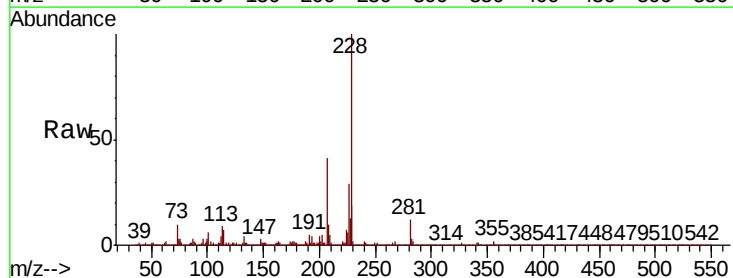
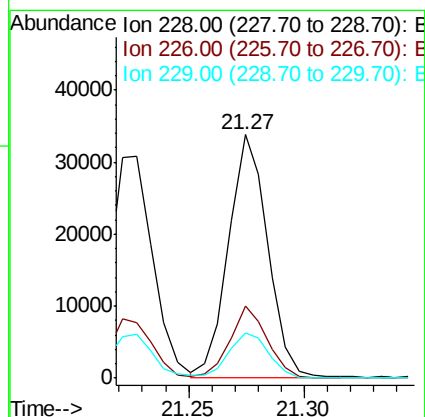
Manual Integrations
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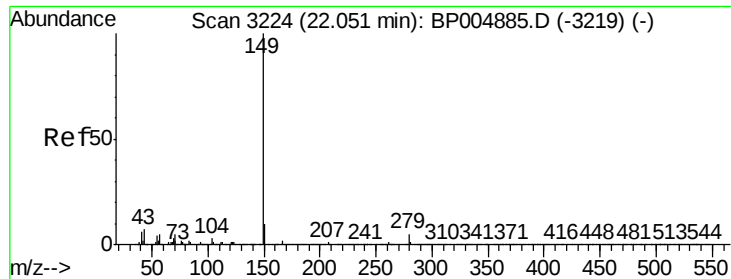
mohammad
3/4/2021 11:33:25 AM



#85
Chrysene
Concen: 3.982 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	18.8	15.6	23.4





#87

Di-n-octyl phthalate

Concen: 2.901 ng/ul

RT: 22.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

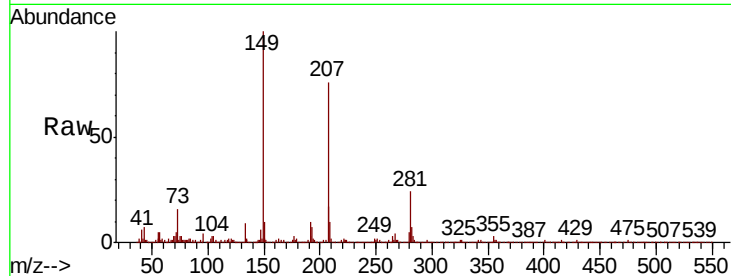
ClientSampleId :

MDL-WATER-03

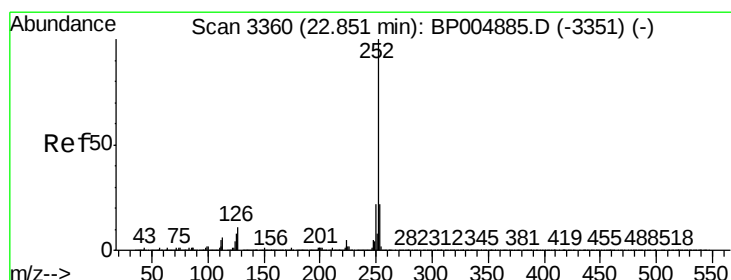
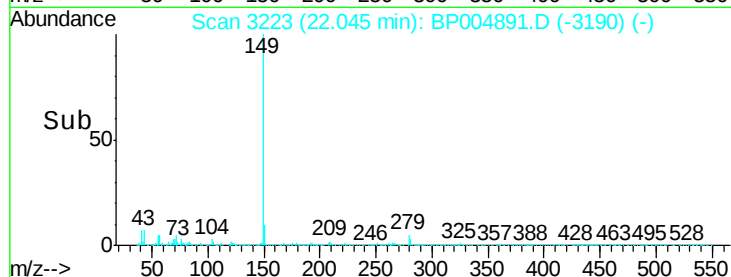
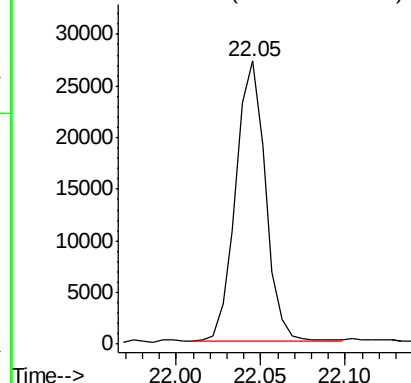
Tgt Ion:149 Resp: 33289

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.659 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

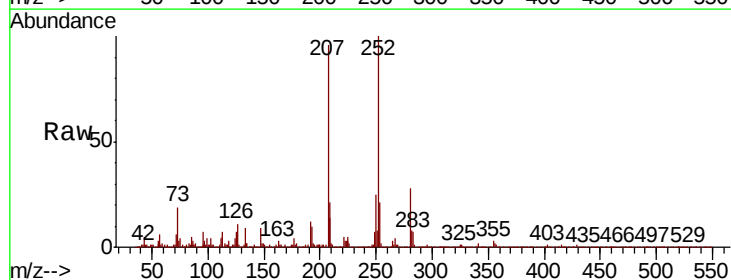
Tgt Ion:252 Resp: 39654

Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

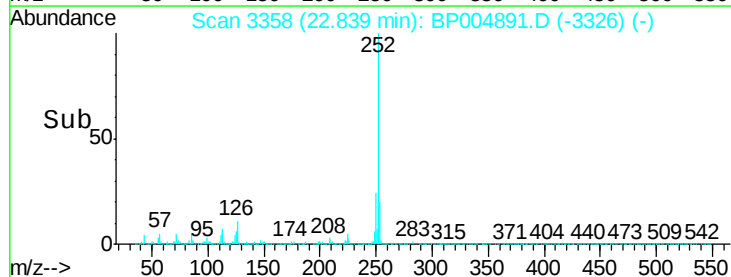
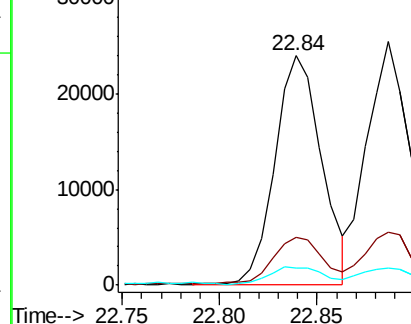
125 7.2 6.5 9.7

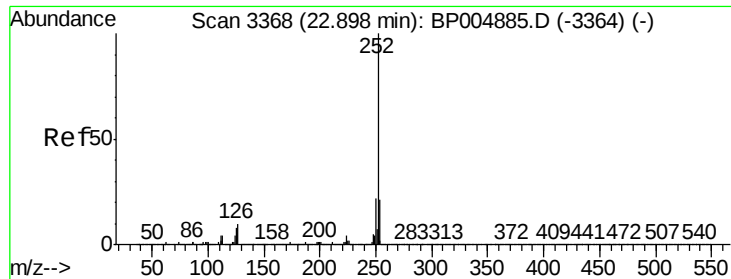


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





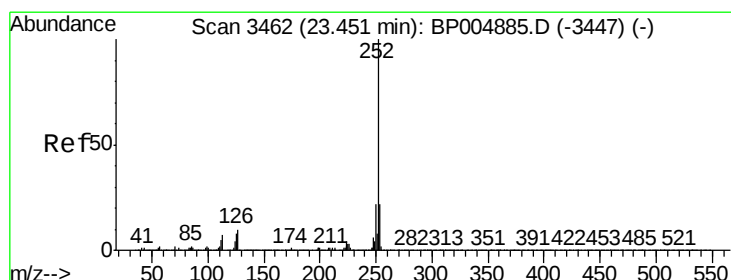
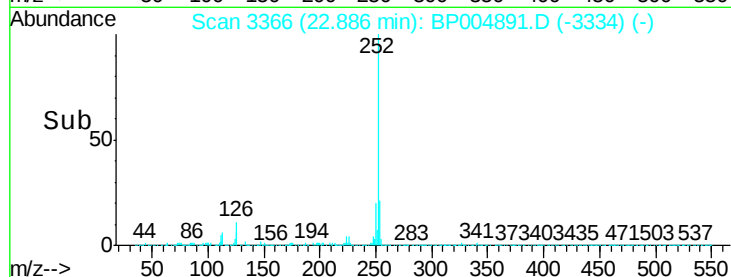
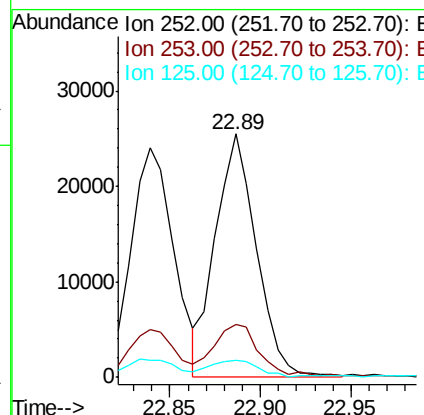
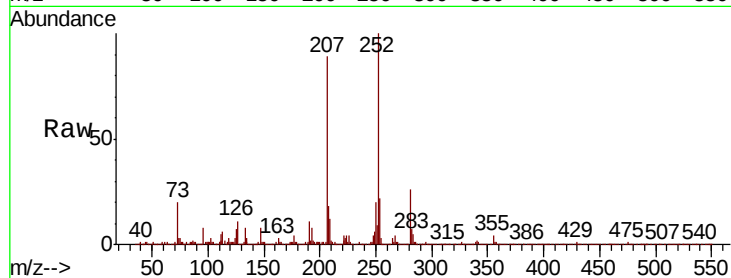
#89
Benzo(k)fluoranthene
Concen: 3.717 ng/ul
RT: 22.89 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	7.2	6.5	9.7

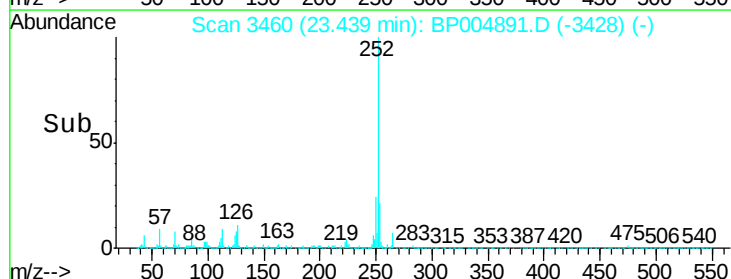
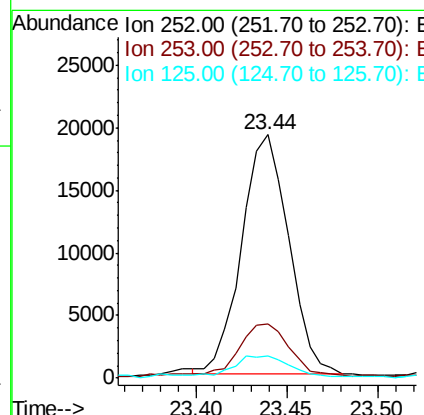
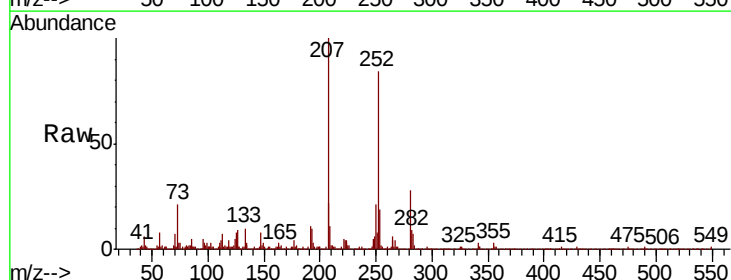
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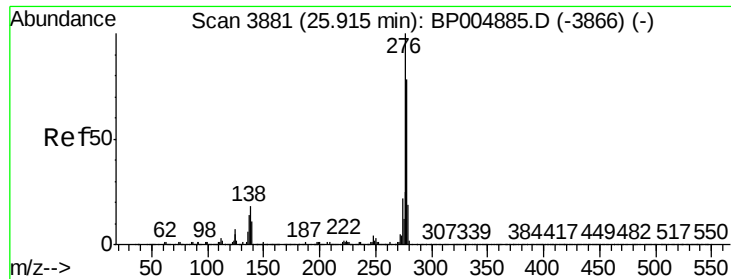
mohammad
3/4/2021 11:33:25 AM



#91
Benzo(a)pyrene
Concen: 3.644 ng/ul
RT: 23.44 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	9.0	6.9	10.3





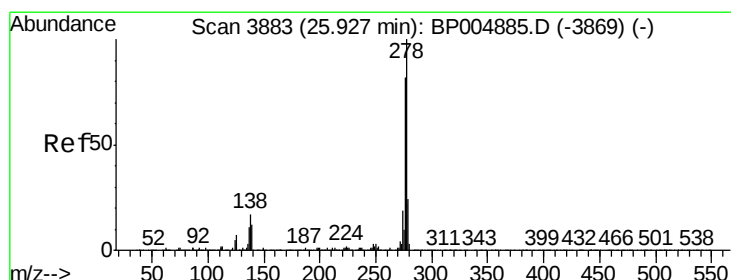
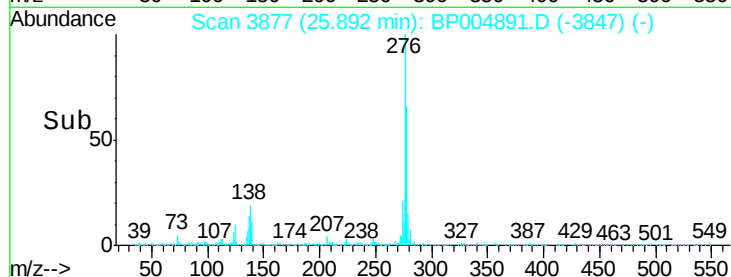
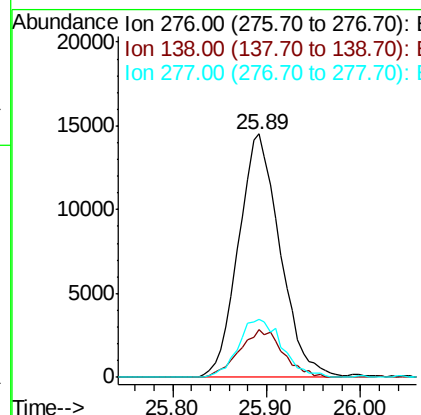
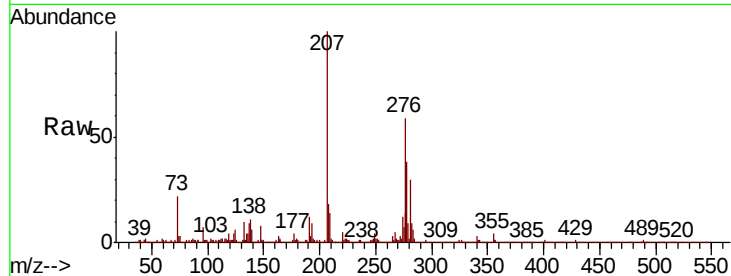
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.660 ng/ul
RT: 25.89 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.5	24.7
277	23.8	19.1	28.7

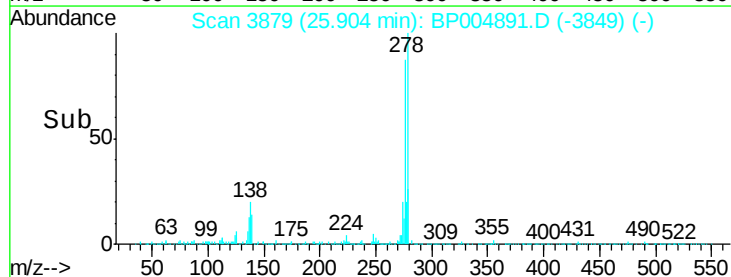
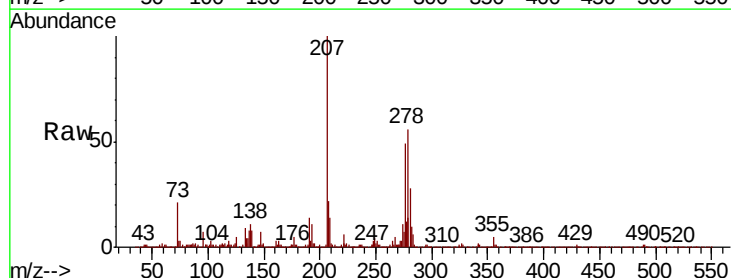
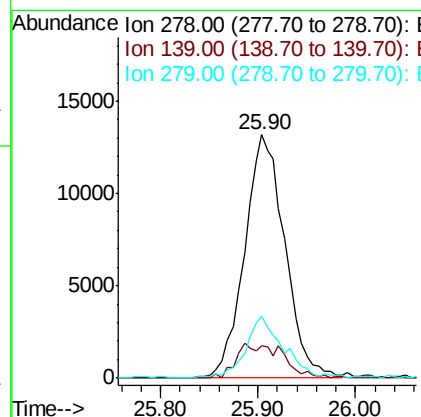
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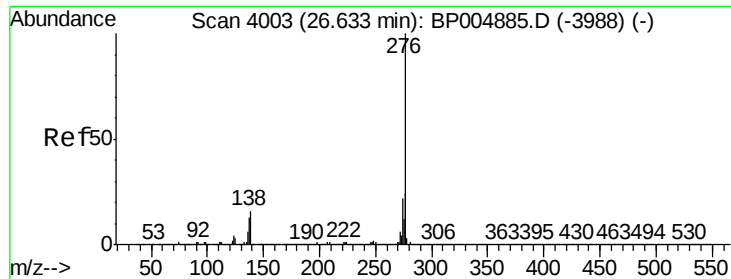
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 3.678 ng/ul
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BP004891.D
Acq: 03 Mar 2021 13:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.6	16.0
279	25.5	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 3.676 ng/ul

RT: 26.62 min Scan# 4000

Delta R.T. -0.02 min

Lab File: BP004891.D

Acq: 03 Mar 2021 13:46

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03

Tot Ion:	276	Resp:	37273
Ion Ratio	Lower	Upper	
276	100		
138	17.7	13.8	20.6
277	24.7	18.5	27.7

Manual Integrations
APPROVED

mohammad
3/4/2021 11:33:25 AM

