

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
 Data File : BP001750.D
 Acq On : 14 Feb 2020 17:47
 Operator : CG/JU
 Sample : K5695-10
 Misc : MDL-WATER-03
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Manual Integrations
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mohammad
 2/17/2020 3:50:44 PM

Quant Time: Feb 15 05:35:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 04:45:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	251217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1183206	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	795998	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1775493	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1970115	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	2238349	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	21589	4.10	ng/uL	0.00
5) Phenol-d5	6.88	99	592307	27.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	410400	32.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	474193	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	483617	27.73	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	297529	32.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	188858	26.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	473016	28.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	804373	38.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1884878	32.91	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2480932	34.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234097	22.03	ng/ul	0.00
58) Fluorene-d10	15.33	176	1707000	32.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	132406	18.51	ng/ul	0.00
71) Anthracene-d10	17.19	188	2716619	33.66	ng/ul	0.00
79) Pyrene-d10	19.43	212	3156034	33.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3507234	33.10	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	5068	0.88 ng/uL#	74
4) Benzaldehyde	6.85	77	55005	3.97 ng/ul	95
6) Phenol	6.91	94	62974	2.77 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.14	93	62661	3.47 ng/ul	98
10) 2-Chlorophenol	7.28	128	49380	2.98 ng/ul	98
11) 2-Methylphenol	8.15	108	42490	2.41 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.24	45	77362	3.34 ng/ul	99
14) Acetophenone	8.52	105	95949	3.33 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	43822	3.06 ng/ul	96
16) 4-Methylphenol	8.47	108	49914	2.57 ng/ul	98
17) Hexachloroethane	8.79	117	24169	3.35 ng/ul	97
20) Nitrobenzene	8.89	77	74924	3.39 ng/ul	96
21) Isophorone	9.42	82	124725	2.97 ng/ul	98
23) 2-Nitrophenol	9.60	139	21525	2.52 ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	51916	2.62 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	84461	3.21 ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	49412m	2.87 ng/ul	
28) Naphthalene	10.53	128	210879	3.30 ng/ul	99
30) 4-Chloroaniline	10.63	127	75212	3.50 ng/ul	98
31) Hexachlorobutadiene	10.84	225	39013	3.26 ng/ul	95
32) Caprolactam	11.40	113	11305	1.78 ng/ul	93
33) 4-Chloro-3-methylphenol	11.77	107	39555	2.23 ng/ul	96
34) 2-Methylnaphthalene	12.15	142	147567	3.21 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.37	142	157514	3.45	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	79454	3.19	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	36591	2.47	ng/ul	95
39) 2,4,6-Trichlorophenol	12.76	196	22812	1.80	ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	25156	1.76	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	198379	3.25	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	157600	3.26	ng/ul	98
43) 2-Nitroaniline	13.40	65	25959	2.17	ng/ul	90
45) Dimethylphthalate	13.80	163	195235	3.23	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	27956	2.39	ng/ul	91
48) Acenaphthylene	14.05	152	259548	3.33	ng/ul	99
49) 3-Nitroaniline	14.23	138	26339	2.32	ng/ul#	94
50) Acenaphthene	14.40	153	169404	3.24	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	4534	1.07	ng/ul	91
53) 4-Nitrophenol	14.54	109	20696	2.50	ng/ul	95
54) Dibenzofuran	14.73	168	242594	3.29	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	44679	2.59	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22532	1.85	ng/ul	99
57) Diethylphthalate	15.17	149	164679	2.80	ng/ul	99
59) Fluorene	15.39	166	202877	3.31	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	103184	3.33	ng/ul	99
61) 4-Nitroaniline	15.39	138	31190	2.26	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	15211	1.88	ng/ul#	50
65) N-Nitrosodiphenylamine	15.60	169	150566	3.00	ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	56116	2.97	ng/ul	98
67) Hexachlorobenzene	16.40	284	73020	3.27	ng/ul	98
68) Atrazine	16.56	200	37841	2.01	ng/ul	98
69) Pentachlorophenol	16.74	266	13252	1.22	ng/ul	98
70) Phenanthrene	17.13	178	333613	3.34	ng/ul	99
72) Anthracene	17.22	178	335882	3.34	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	92059	3.45	ng/uL	100
74) Pentachlorobenzene	14.66	250	83497	3.07	ng/uL	98
75) Carbazole	17.49	167	240928	2.84	ng/ul	99
76) Di-n-butylphthalate	18.07	149	177901	1.99	ng/ul	99
77) Fluoranthene	19.10	202	337415	3.06	ng/ul	99
80) Pyrene	19.45	202	424815	3.35	ng/ul	98
81) Butylbenzylphthalate	20.35	149	47288	1.26	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.10	252	46385	1.21	ng/ul	95
83) Benzo(a)anthracene	21.16	228	382046	2.96	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	86785	1.41	ng/ul	99
85) Chrysene	21.21	228	404347	3.24	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	132442	1.32	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	346658	2.68	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	419740	3.21	ng/ul	98
91) Benzo(a)pyrene	23.32	252	394177	3.21	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	437860	2.72	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	367300	2.73	ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	367260	2.68	ng/ul	99

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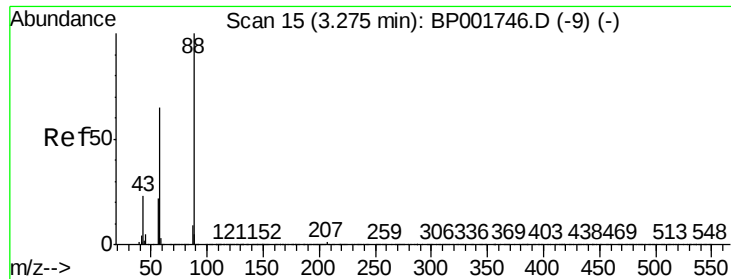
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



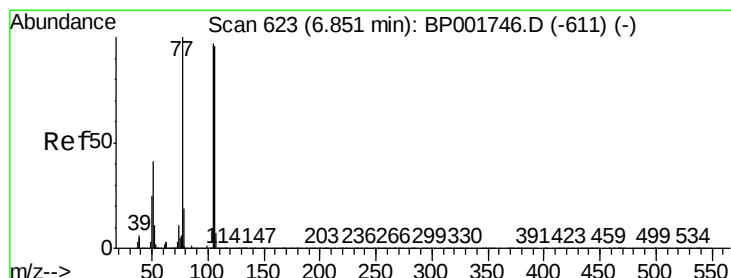
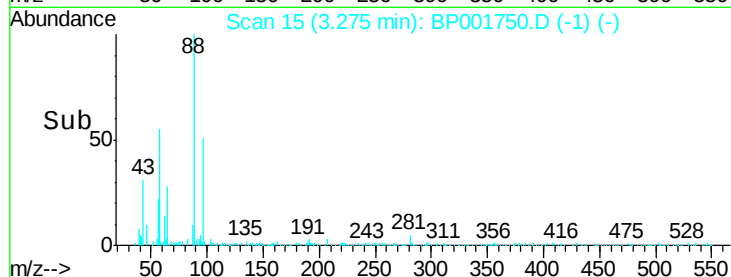
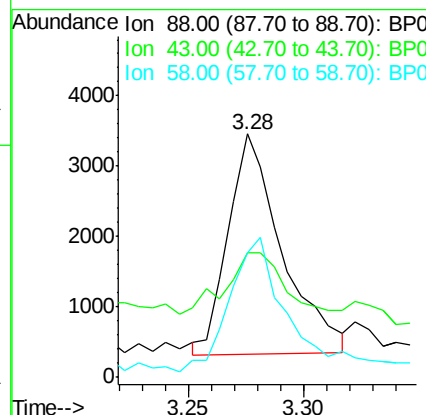
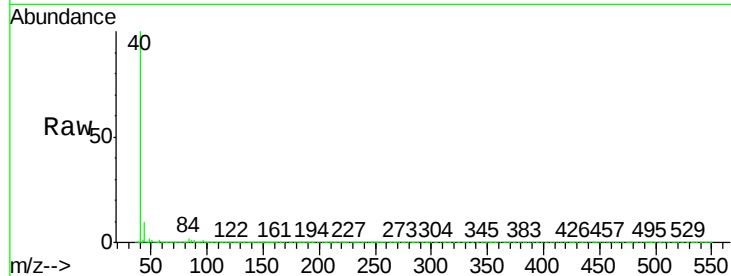
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1,4-Dioxane
Concen: 0.88 ng/uL
RT: 3.28 min Scan# 15
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
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MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	51.1	23.0	34.6#
58	51.3	53.1	79.7#

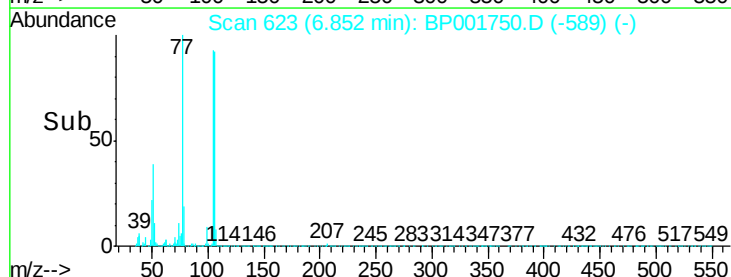
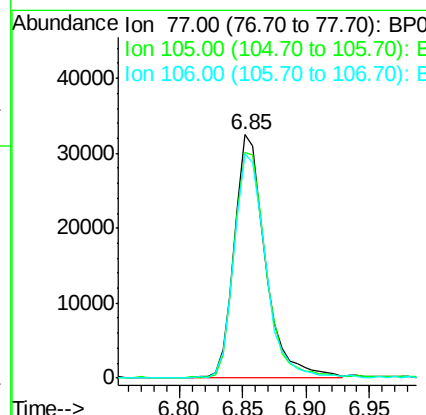
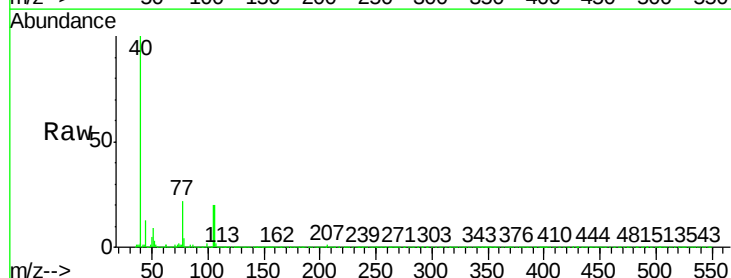
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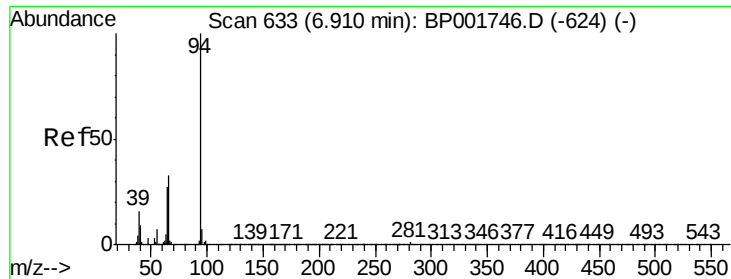
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#4
Benzaldehyde
Concen: 3.97 ng/uL
RT: 6.85 min Scan# 623
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
77	100		
105	93.0	79.3	118.9
106	92.1	77.0	115.4





#6

Phenol

Concen: 2.77 ng/ul

RT: 6.91 min Scan# 633

Delta R.T. 0.00 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

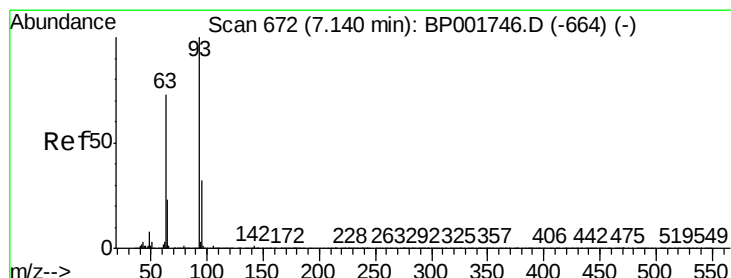
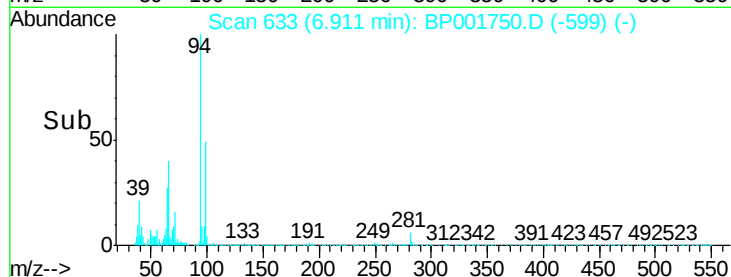
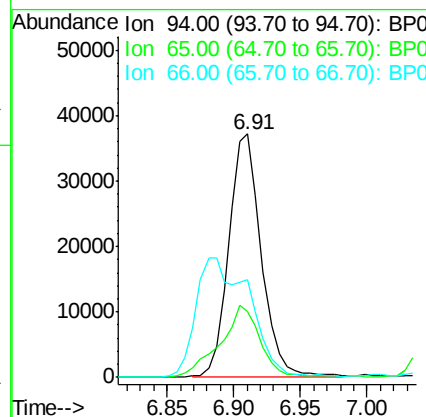
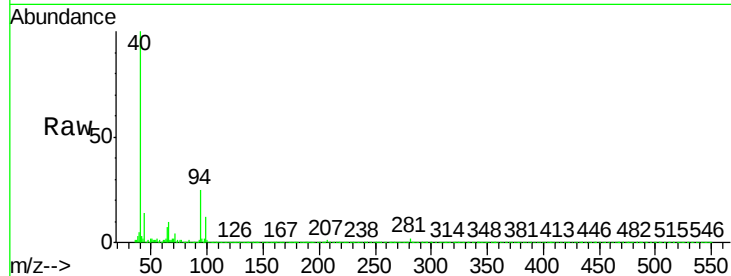
ClientSampleId :

MDL-WATER-03

Tgt Ion:	94	Resp:	62974
Ion Ratio	Lower	Upper	
94	100		
65	27.1	20.7	31.1
66	39.9	26.9	40.3

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#8

Bis(2-Chloroethyl)ether

Concen: 3.47 ng/ul

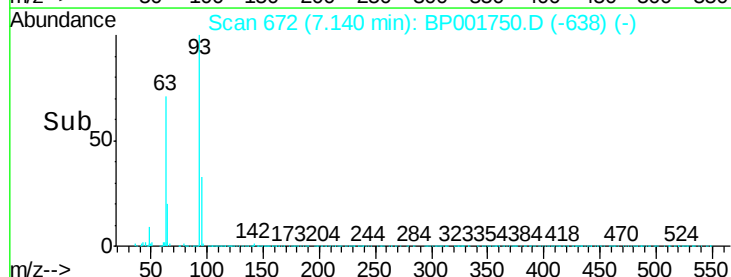
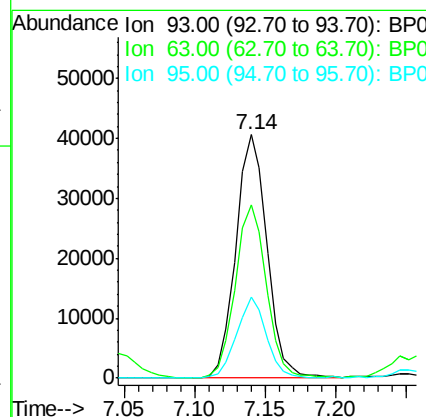
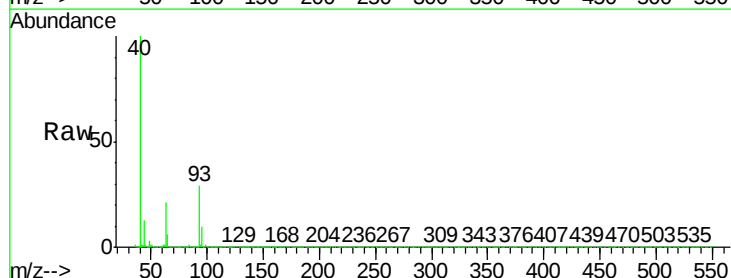
RT: 7.14 min Scan# 672

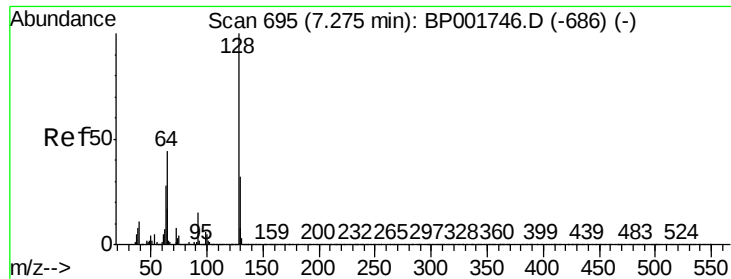
Delta R.T. 0.00 min

Lab File: BP001750.D

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Tgt Ion:	93	Resp:	62661
Ion Ratio	Lower	Upper	
93	100		
63	71.3	58.1	87.1
95	33.4	26.0	39.0





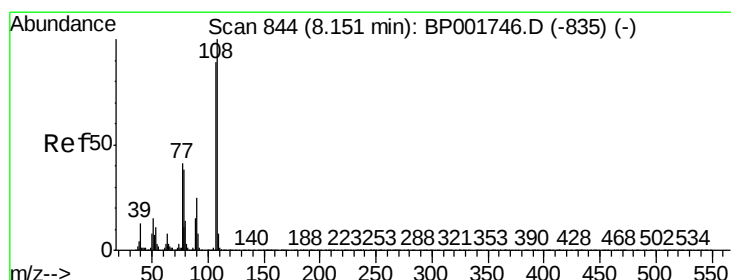
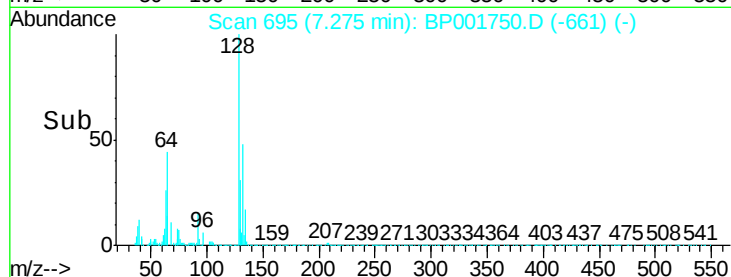
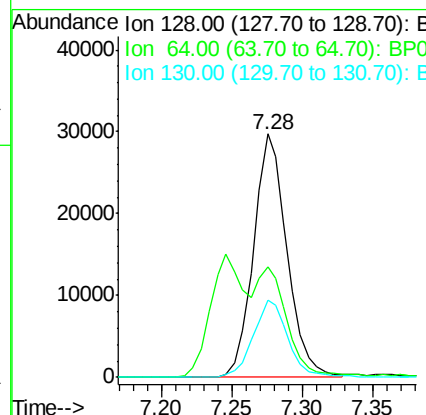
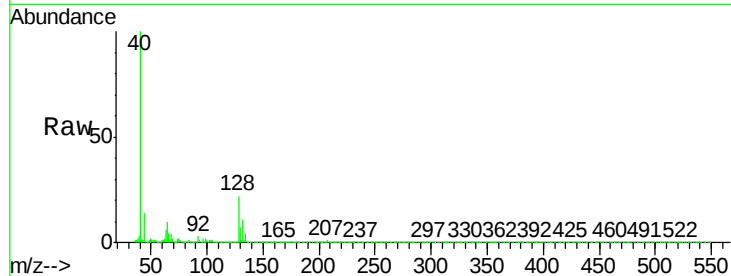
#10
2-Chlorophenol
Concen: 2.98 ng/ul
RT: 7.28 min Scan# 695
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

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Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
64	45.5	34.7	52.1
130	31.5	25.4	38.0

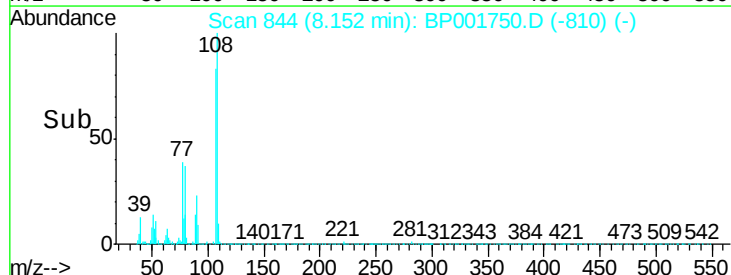
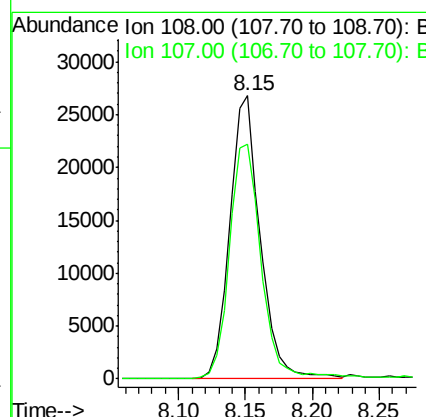
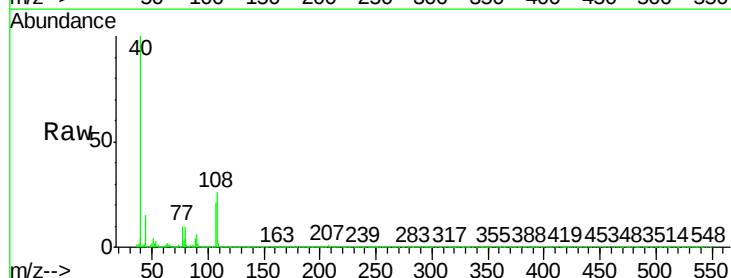
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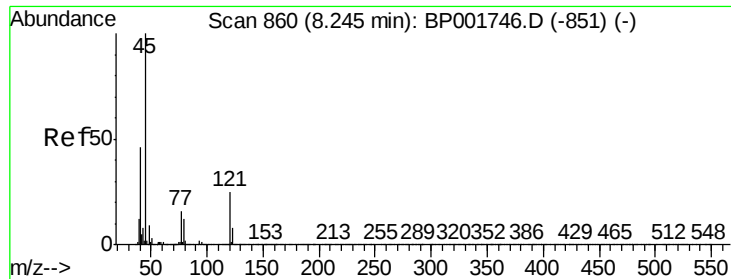
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#11
2-Methylphenol
Concen: 2.41 ng/ul
RT: 8.15 min Scan# 844
Delta R.T. 0.00 min
Lab File: BP001750.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
108	100		
107	83.1	70.2	105.4





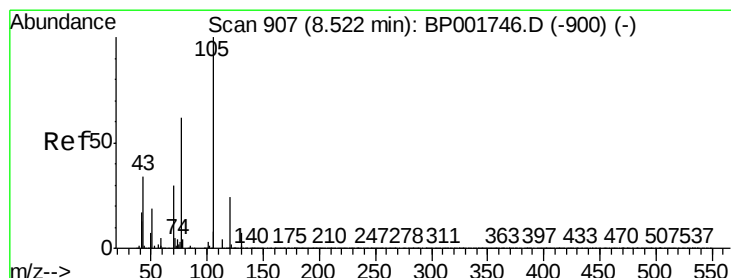
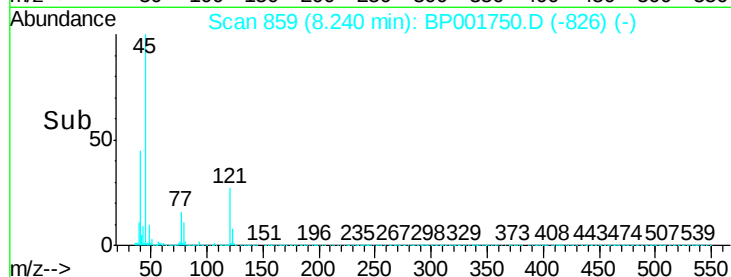
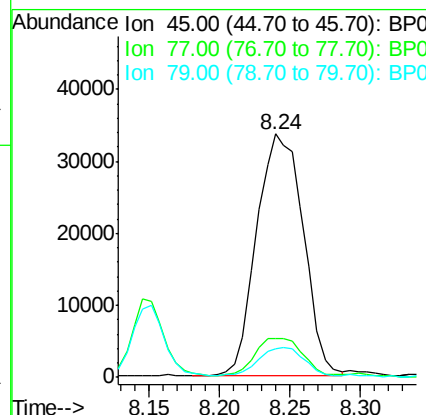
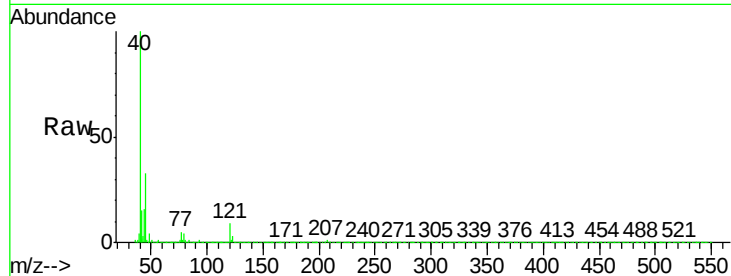
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.34 ng/ul
RT: 8.24 min Scan# 859
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

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Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	12.6	19.0
79	11.8	9.7	14.5

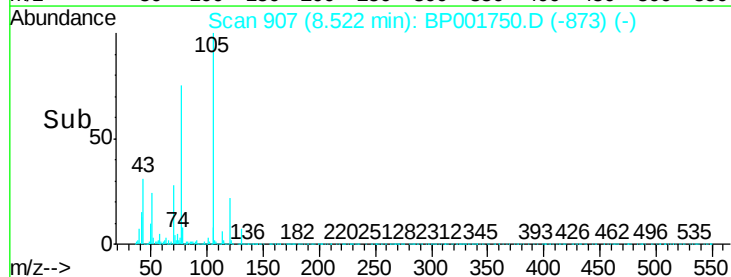
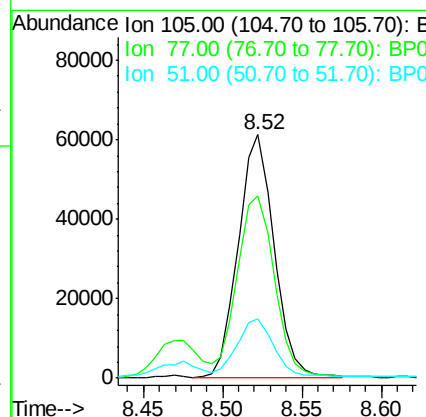
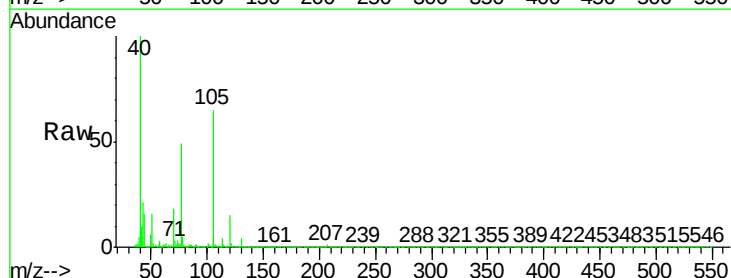
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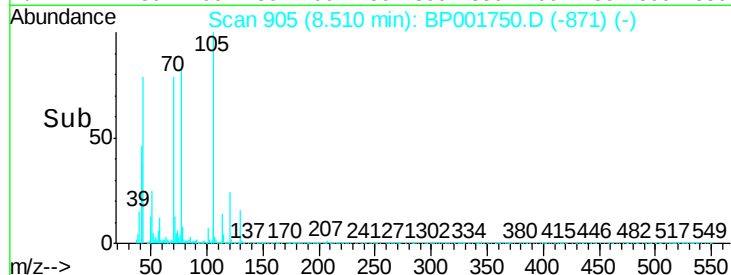
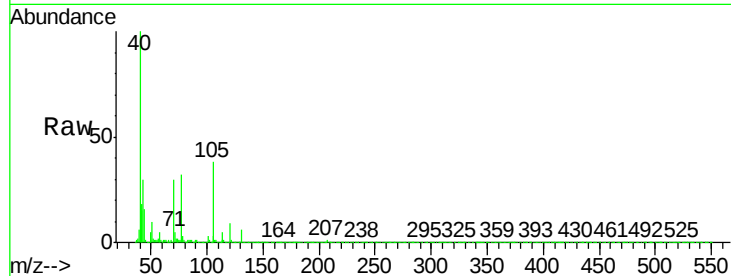
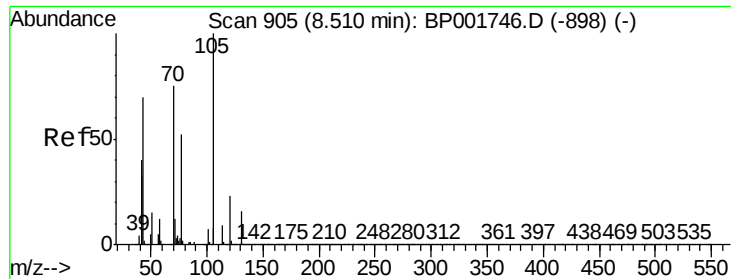
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#14
Acetophenone
Concen: 3.33 ng/ul
RT: 8.52 min Scan# 907
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.8	60.6	91.0
51	24.4	18.8	28.2





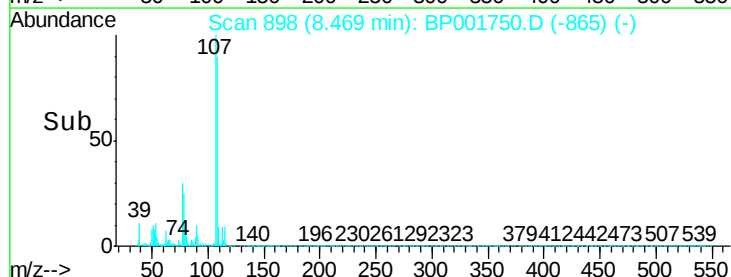
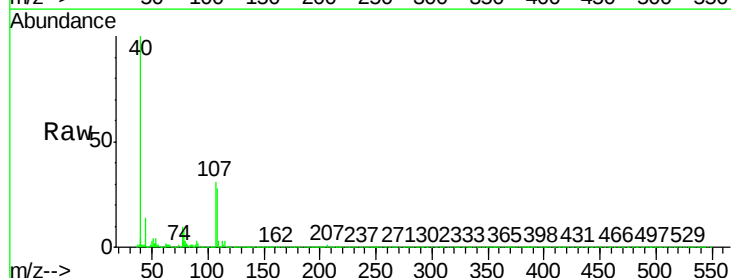
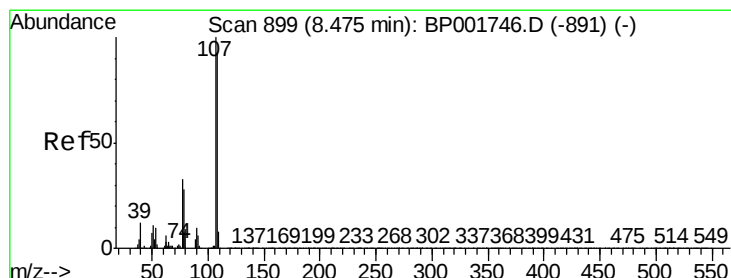
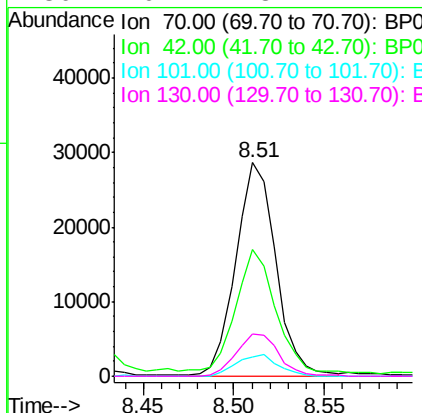
#15
N-Nitroso-di-n-propylamine
Concen: 3.06 ng/ul
RT: 8.51 min Scan# 905
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.1	45.0	67.4
101	9.2	7.9	11.9
130	20.1	18.2	27.2

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

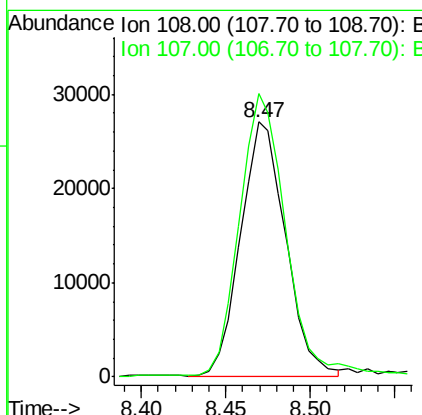
Manual Integrations
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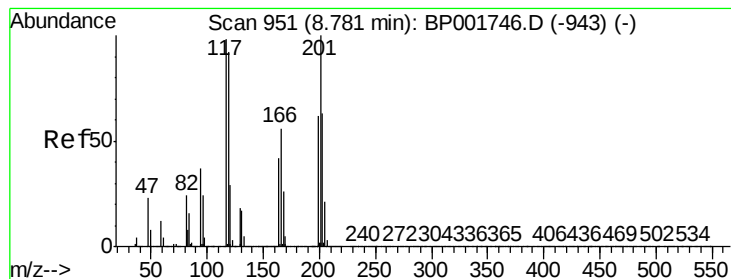
mohammad
2/17/2020 3:50:44 PM



#16
4-Methylphenol
Concen: 2.57 ng/ul
RT: 8.47 min Scan# 898
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
108	100		
107	111.2	87.3	130.9





#17

Hexachloroethane

Concen: 3.35 ng/ul

RT: 8.79 min Scan# 952

Delta R.T. 0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

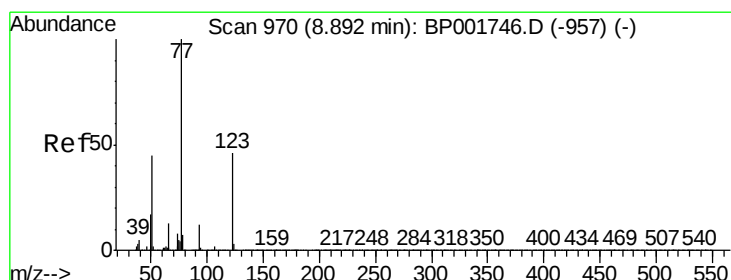
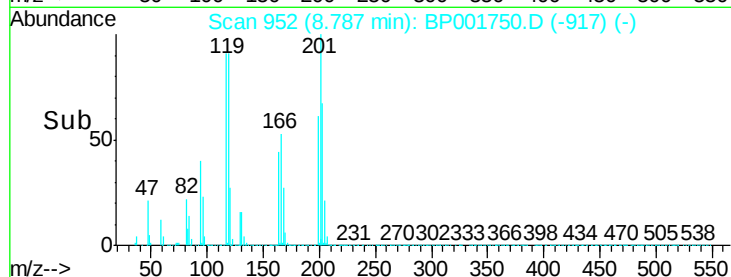
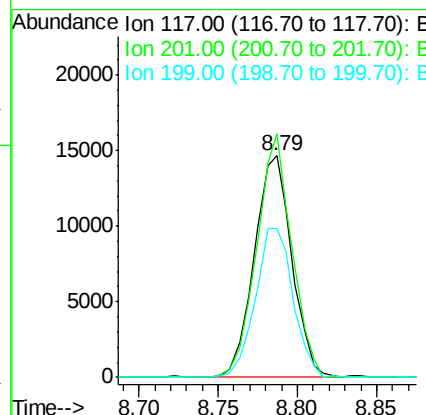
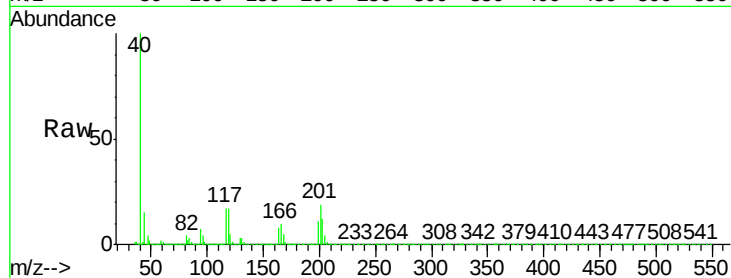
ClientSampleId :

MDL-WATER-03

Tgt Ion:	117	Resp:	24169
Ion Ratio	Lower	Upper	
117	100		
201	109.9	85.5	128.3
199	67.1	55.3	82.9

Manual Integrations
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#20

Nitrobenzene

Concen: 3.39 ng/ul

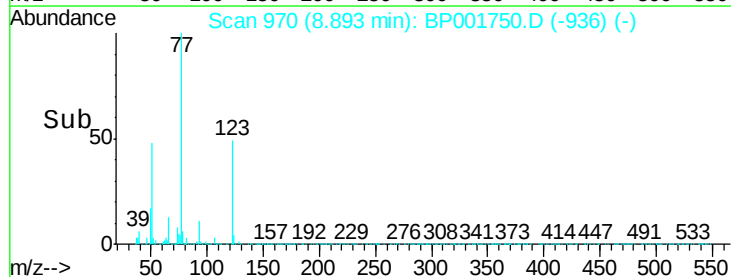
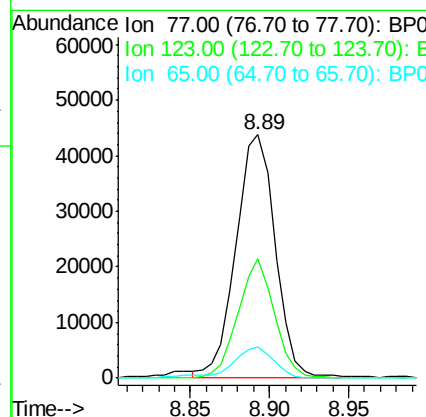
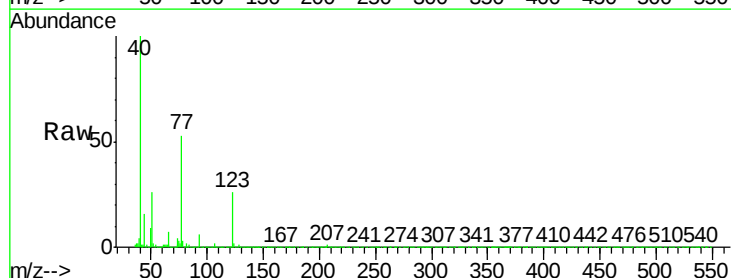
RT: 8.89 min Scan# 970

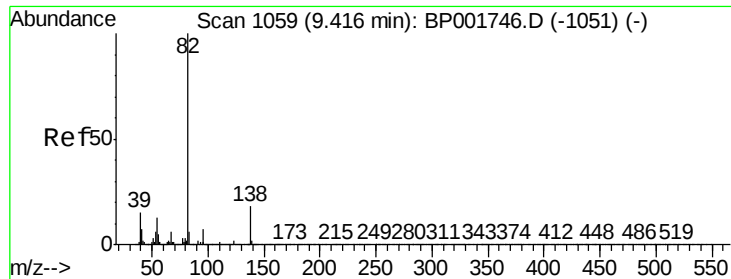
Delta R.T. 0.00 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Tgt Ion:	77	Resp:	74924
Ion Ratio	Lower	Upper	
77	100		
123	48.9	36.6	54.8
65	13.0	9.9	14.9





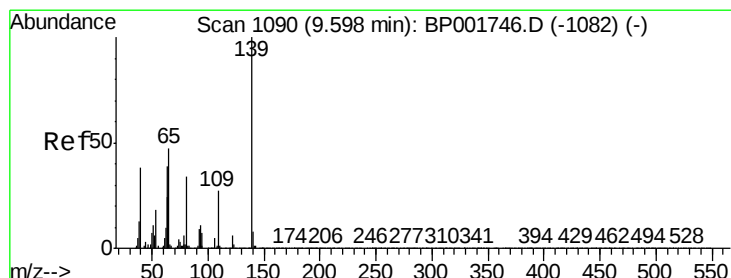
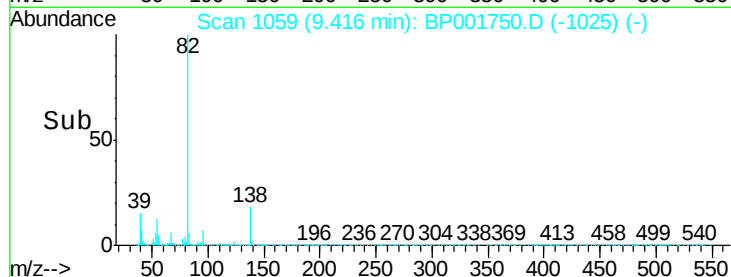
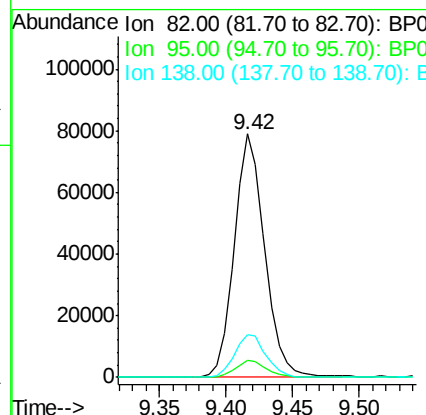
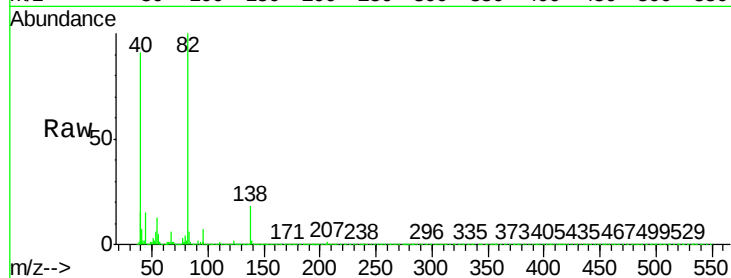
#21
Isophorone
Concen: 2.97 ng/ul
RT: 9.42 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.1	5.5	8.3
138	17.6	15.0	22.4

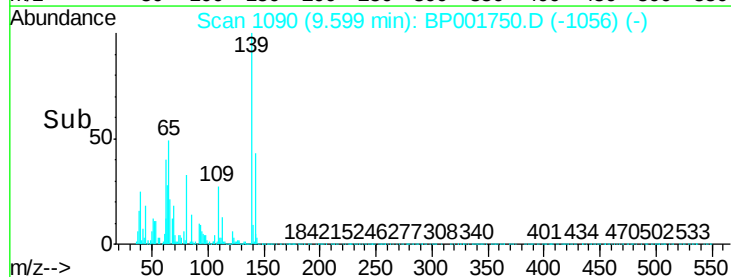
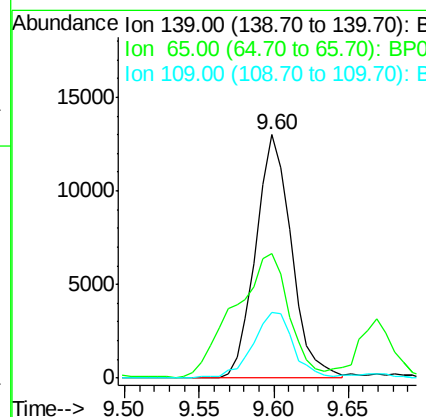
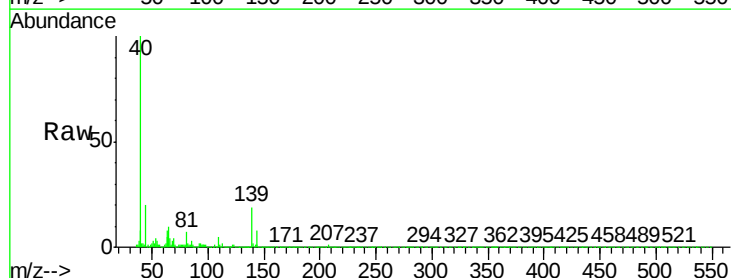
Manual Integrations
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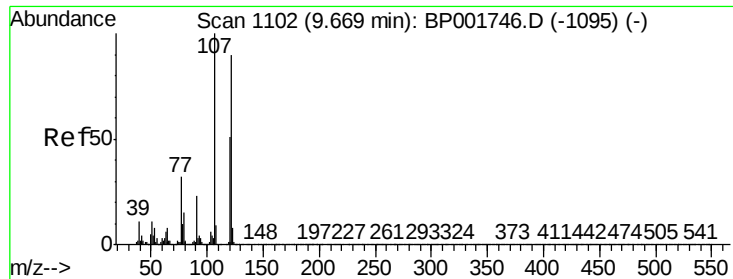
mohammad
2/17/2020 3:50:44 PM



#23
2-Nitrophenol
Concen: 2.52 ng/ul
RT: 9.60 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	51.3	39.8	59.6
109	27.2	22.2	33.2





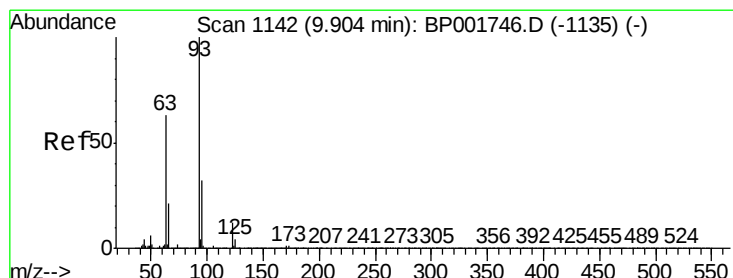
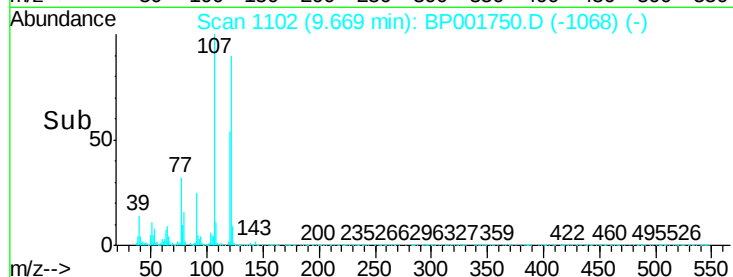
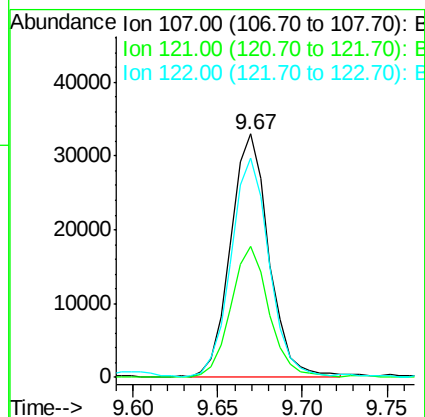
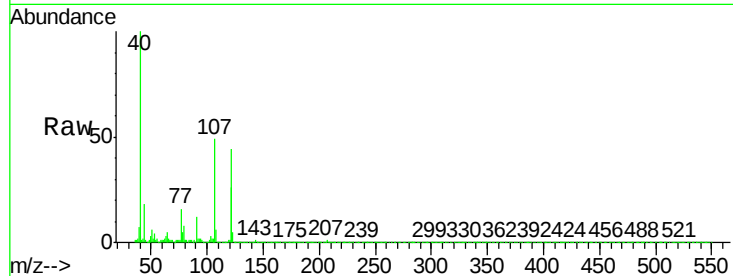
#24
2,4-Dimethylphenol
Concen: 2.62 ng/ul
RT: 9.67 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
121	53.8	40.7	61.1
122	90.2	69.6	104.4

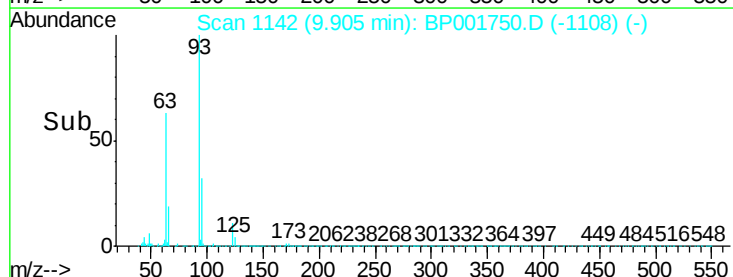
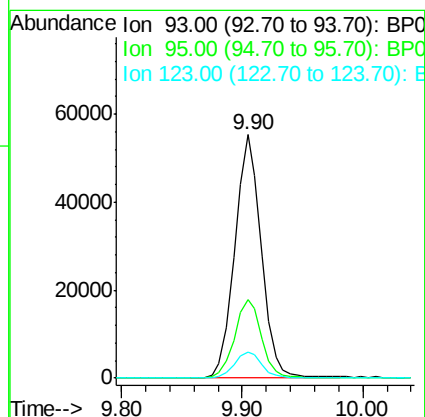
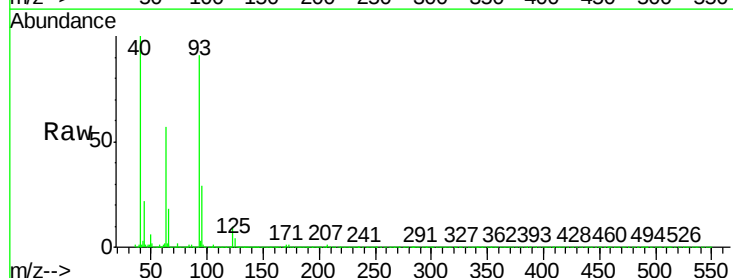
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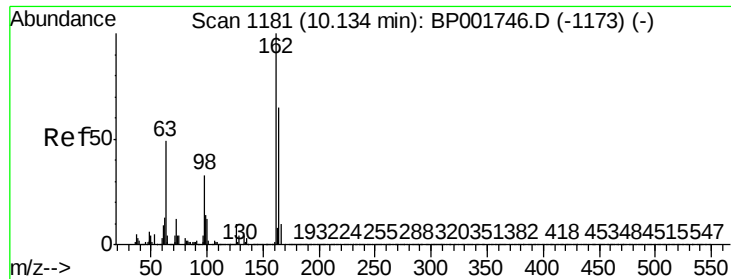
mohammad
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.21 ng/ul
RT: 9.90 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.4	25.8	38.8
123	10.7	9.0	13.6





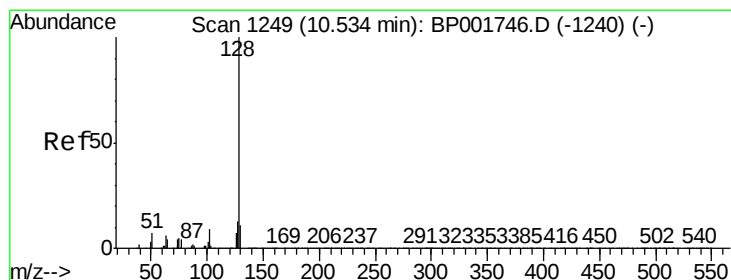
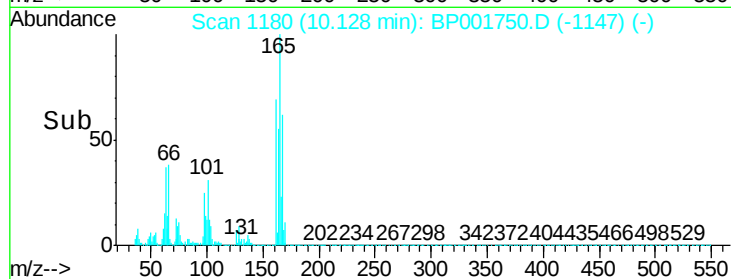
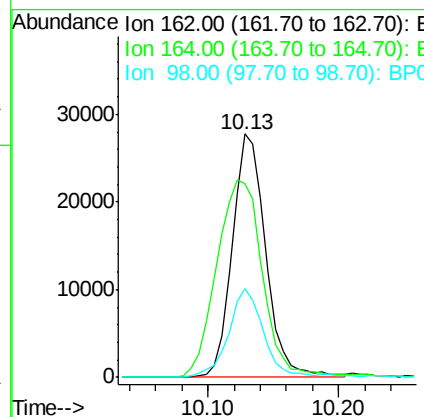
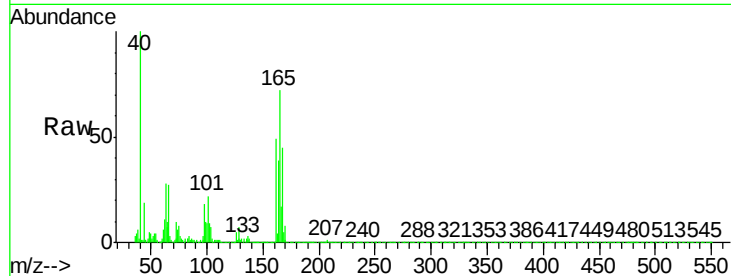
#27
2,4-Dichlorophenol
Concen: 2.87 ng/ul m
RT: 10.13 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
162	100		
164	79.8	52.2	78.2#
98	36.2	26.6	40.0

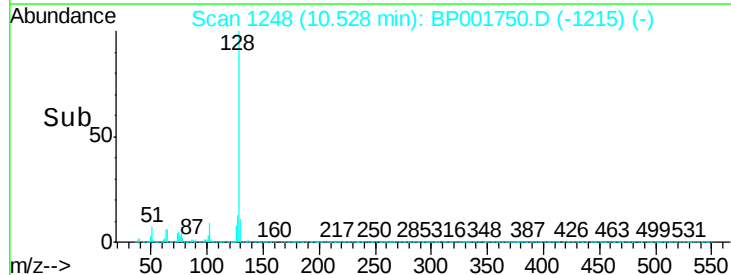
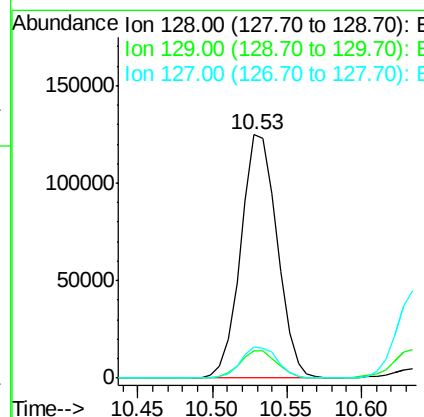
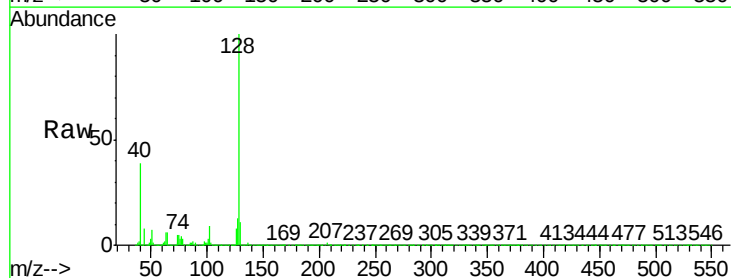
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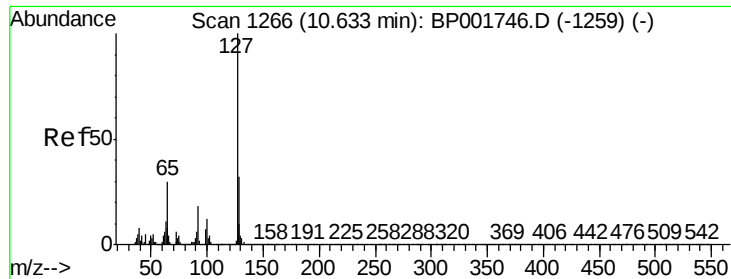
mohammad
2/17/2020 3:50:44 PM



#28
Naphthalene
Concen: 3.30 ng/ul
RT: 10.53 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.9	10.2	15.2





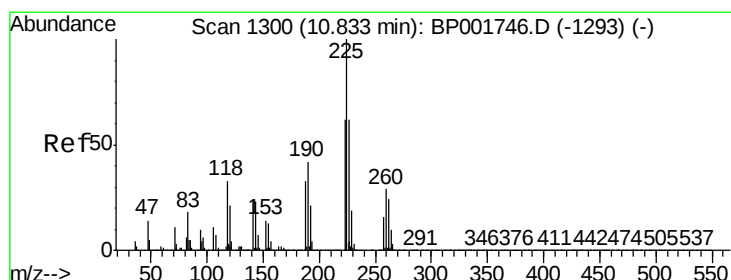
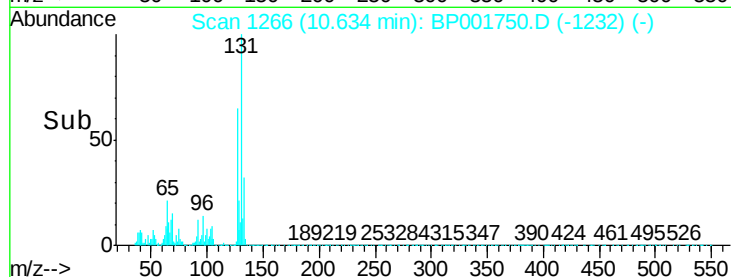
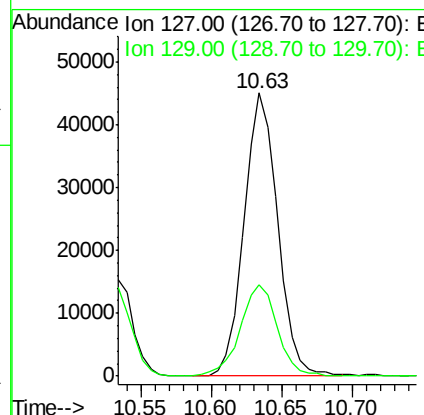
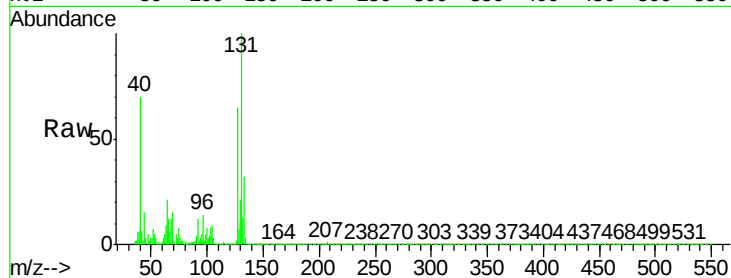
#30
4-Chloroaniline
Concen: 3.50 ng/ul
RT: 10.63 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion:127 Resp: 75212
Ion Ratio Lower Upper
127 100
129 32.5 25.3 37.9

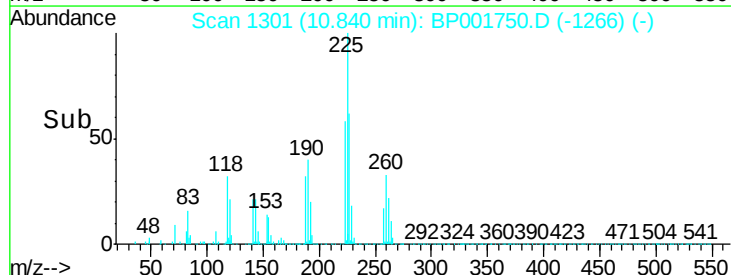
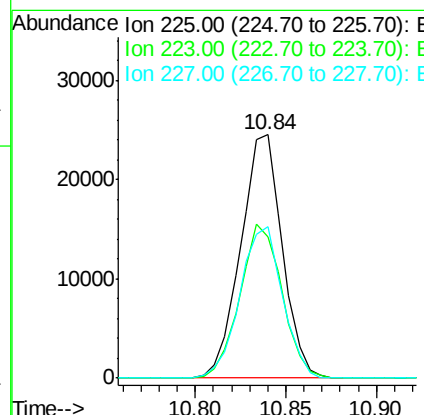
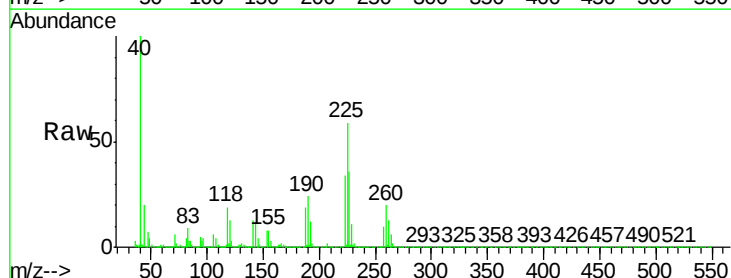
Manual Integrations
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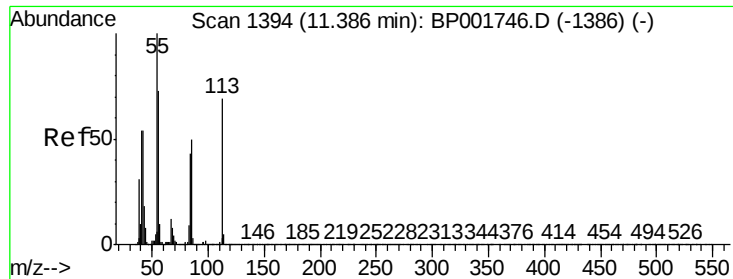
mohammad
2/17/2020 3:50:44 PM



#31
Hexachlorobutadiene
Concen: 3.26 ng/ul
RT: 10.84 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion:225 Resp: 39013
Ion Ratio Lower Upper
225 100
223 57.9 50.3 75.5
227 62.1 51.4 77.0





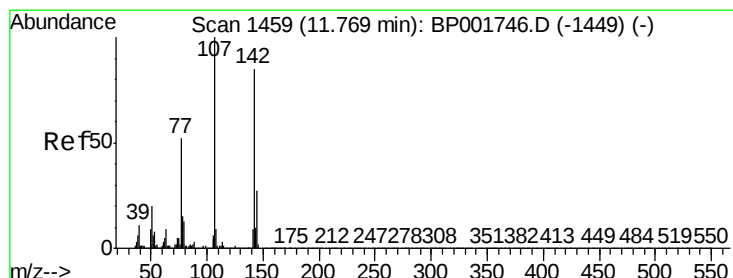
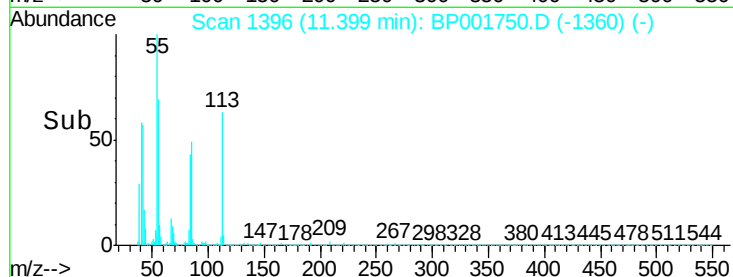
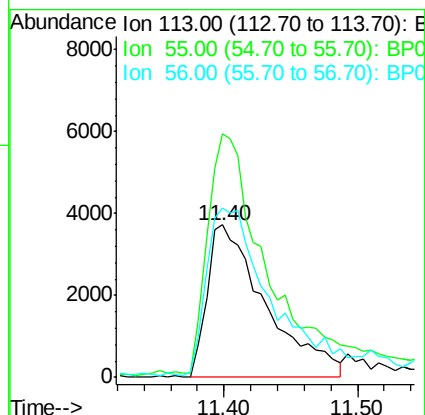
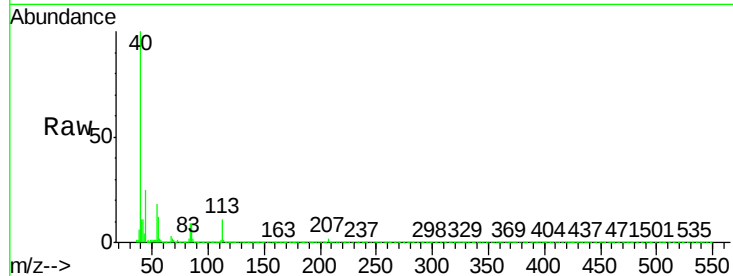
#32
 Caprolactam
 Concen: 1.78 ng/ul
 RT: 11.40 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
113	100		
55	160.0	117.3	175.9
56	110.9	90.7	136.1

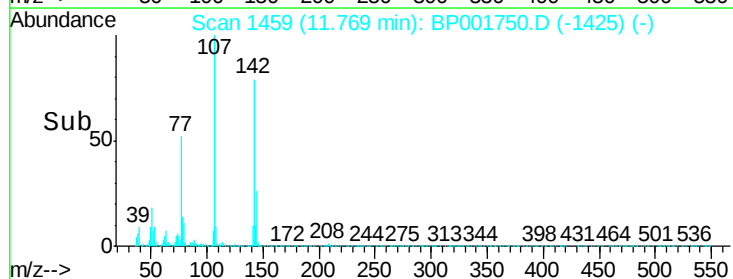
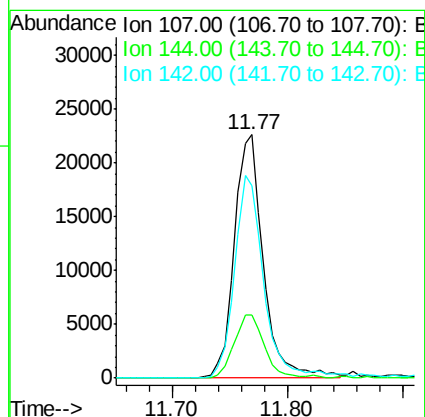
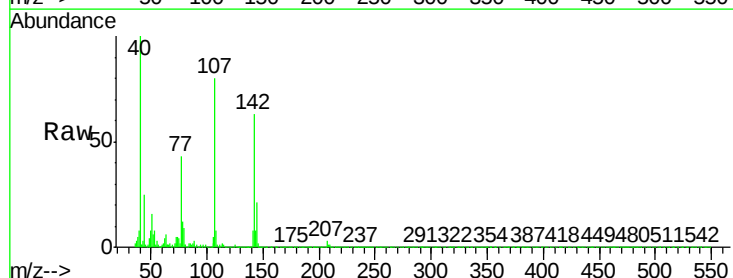
Manual Integrations
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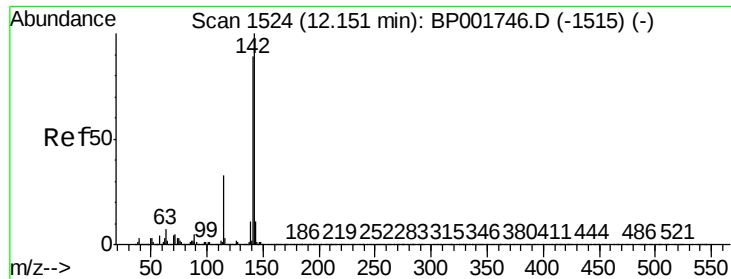
mohammad
 2/17/2020 3:50:44 PM



#33
 4-Chloro-3-methylphenol
 Concen: 2.23 ng/ul
 RT: 11.77 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	22.0	33.0
142	79.2	66.3	99.5





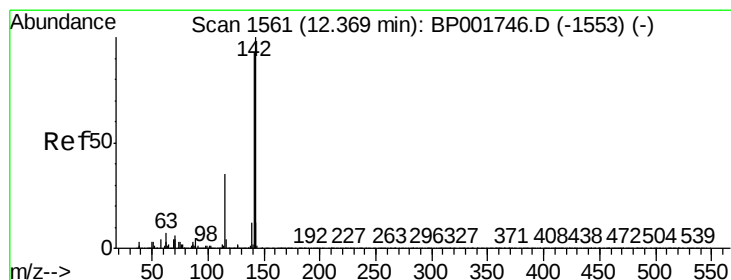
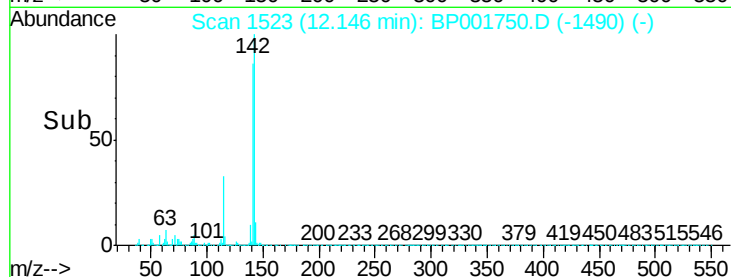
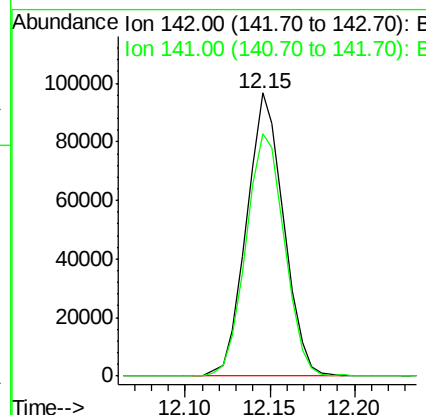
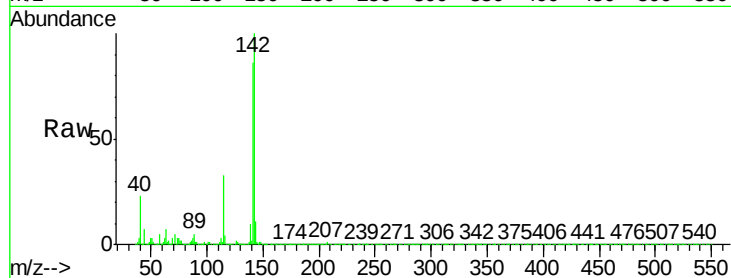
#34
2-Methylnaphthalene
Concen: 3.21 ng/ul
RT: 12.15 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion:142 Resp: 147567
Ion Ratio Lower Upper
142 100
141 85.8 70.7 106.1

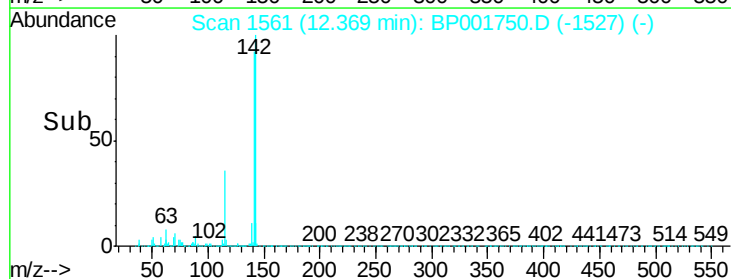
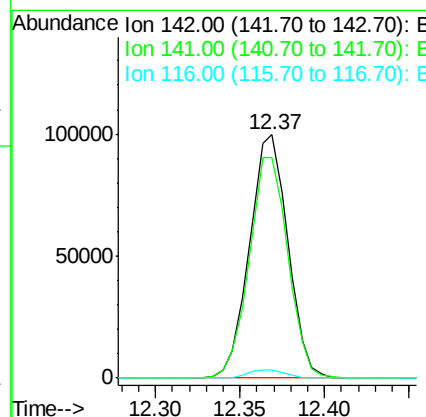
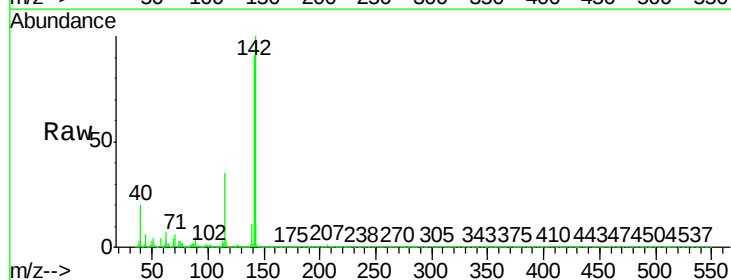
Manual Integrations
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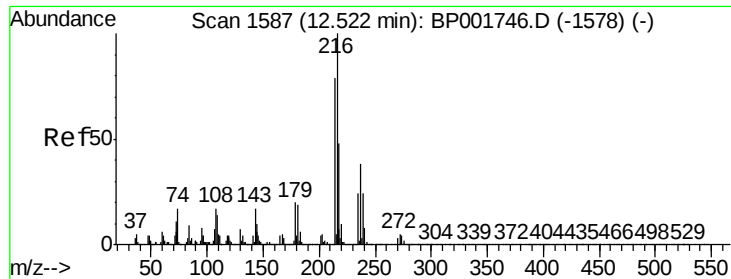
mohammad
2/17/2020 3:50:44 PM



#35
1-Methylnaphthalene
Concen: 3.45 ng/ul
RT: 12.37 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion:142 Resp: 157514
Ion Ratio Lower Upper
142 100
141 90.6 74.4 111.6
116 3.5 3.0 4.4





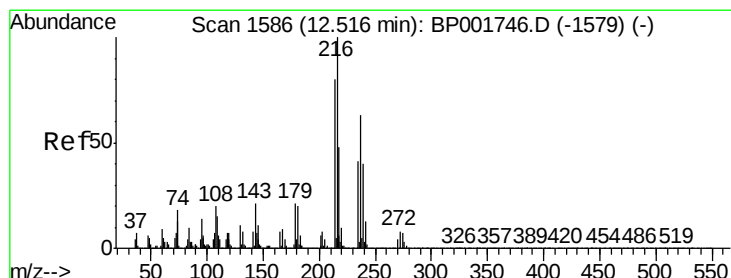
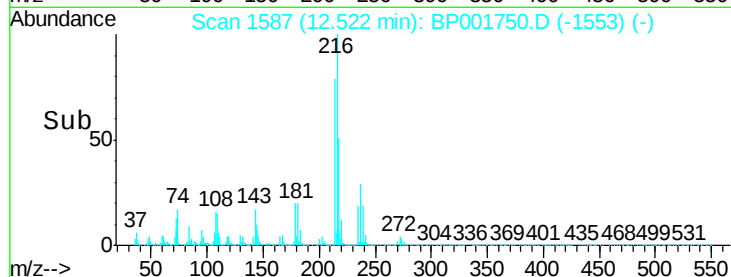
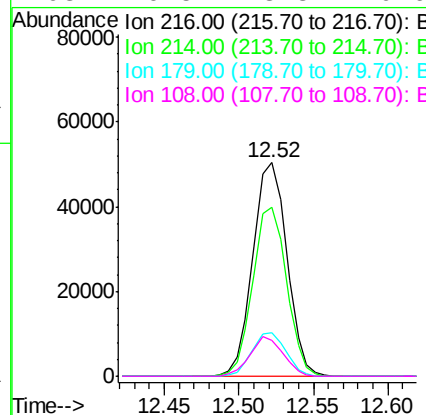
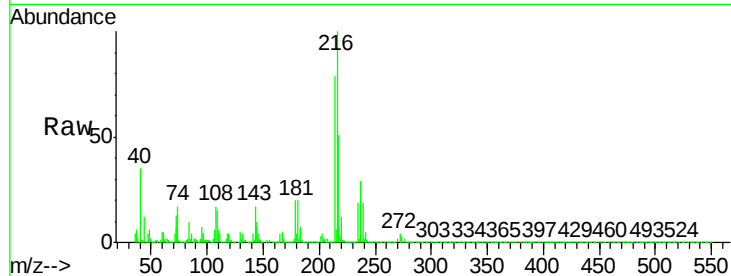
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.19 ng/ul
 RT: 12.52 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	79454		
214	78.8	63.2	94.8	
179	20.4	16.2	24.4	
108	16.5	13.8	20.6	

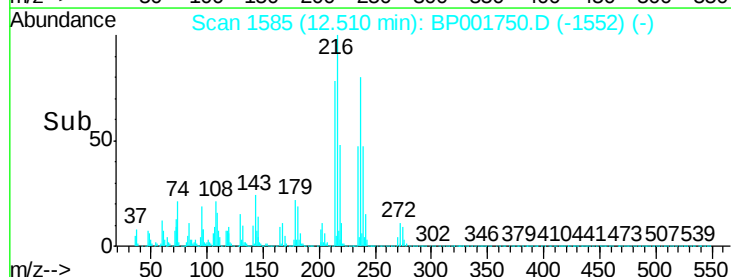
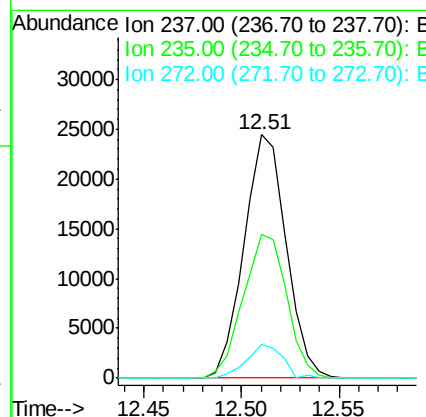
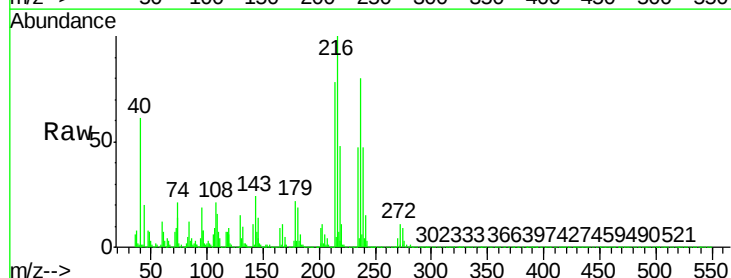
Manual Integrations
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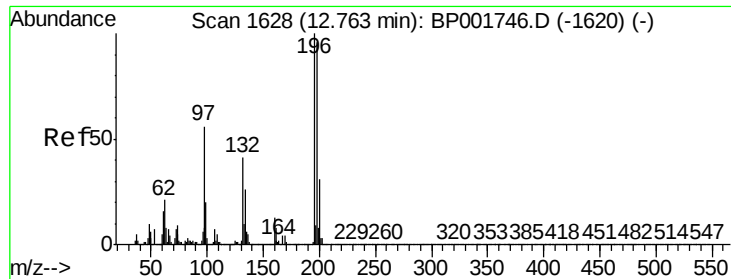
mohammad
 2/17/2020 3:50:44 PM



#38
 Hexachlorocyclopentadiene
 Concen: 2.47 ng/ul
 RT: 12.51 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	36591		
235	58.9	50.3	75.5	
272	13.9	10.5	15.7	





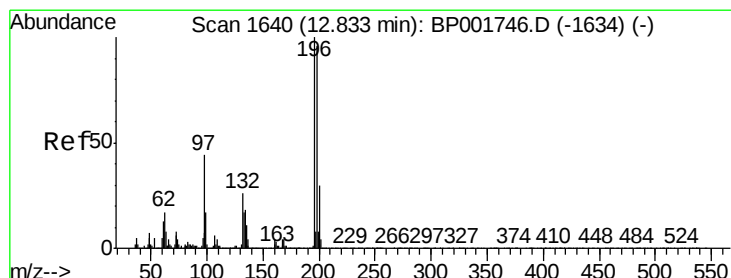
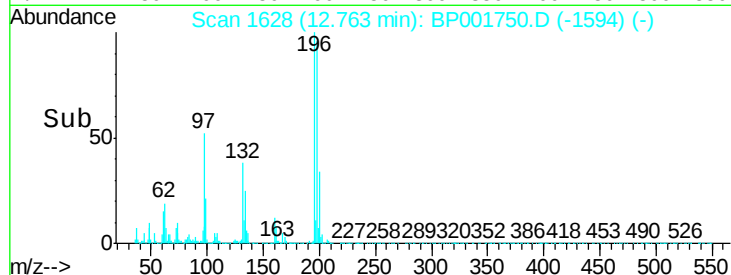
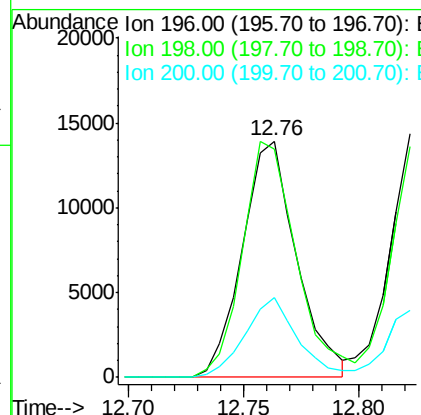
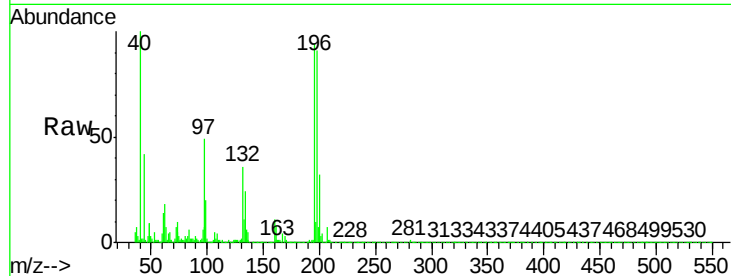
#39
 2,4,6-Trichlorophenol
 Concen: 1.80 ng/ul
 RT: 12.76 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	114.8
200	34.0	24.6	37.0

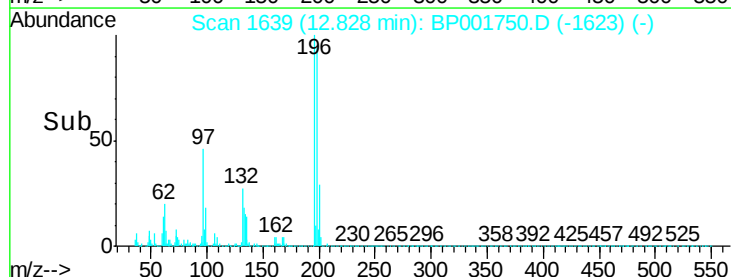
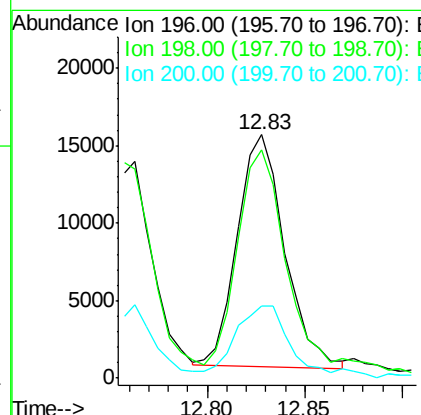
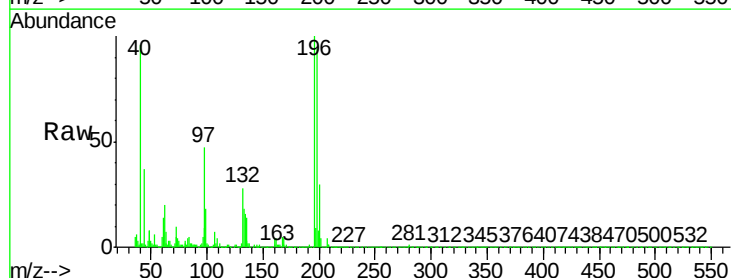
Manual Integrations
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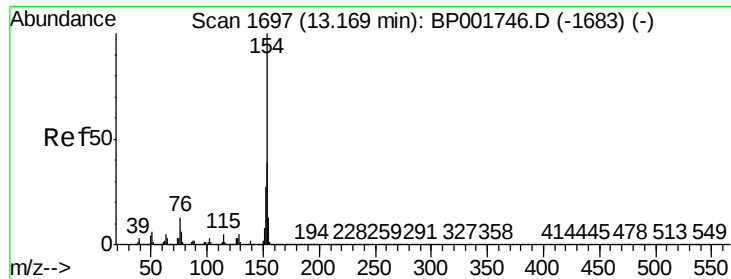
mohammad
 2/17/2020 3:50:44 PM



#40
 2,4,5-Trichlorophenol
 Concen: 1.76 ng/ul
 RT: 12.83 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.3	115.9
200	29.9	24.4	36.6





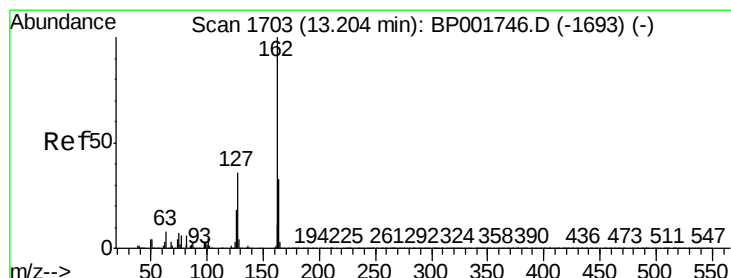
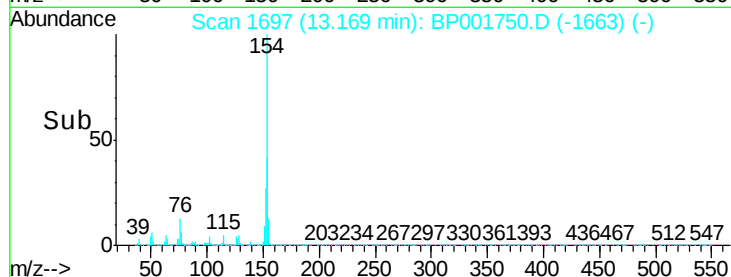
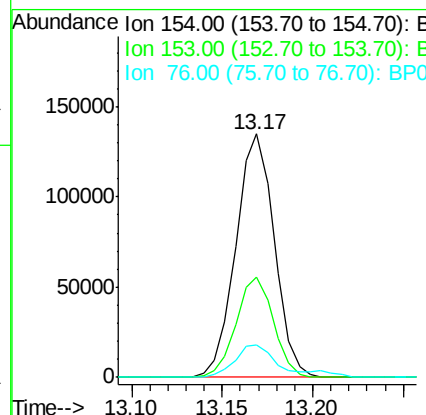
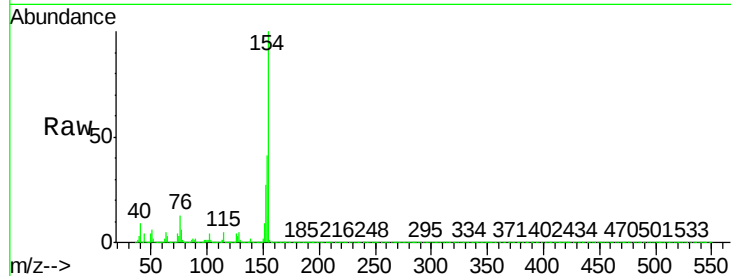
#41
1,1'-Biphenyl
Concen: 3.25 ng/ul
RT: 13.17 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	198379		
153	41.1	31.6	47.4	
76	13.2	10.4	15.6	

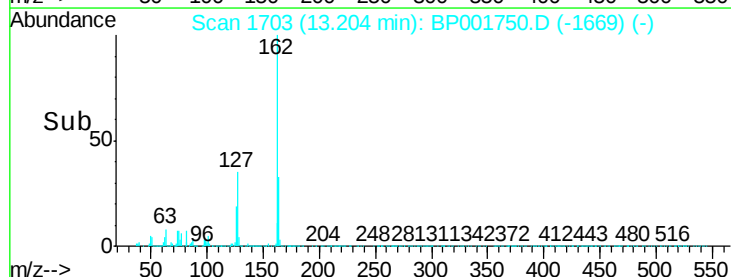
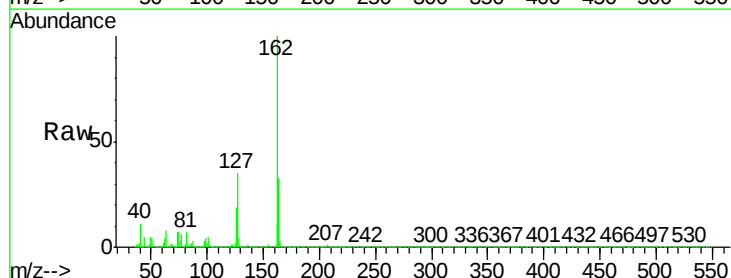
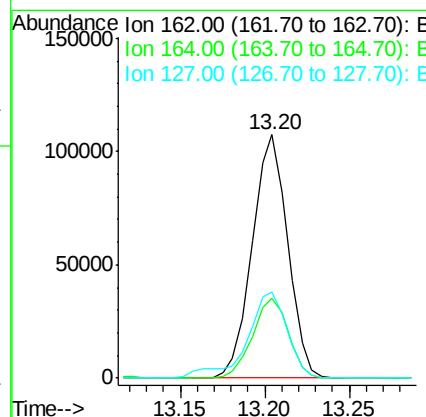
Manual Integrations
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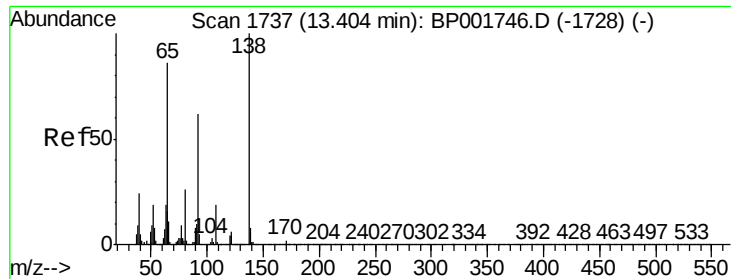
mohammad
2/17/2020 3:50:44 PM



#42
2-Chloronaphthalene
Concen: 3.26 ng/ul
RT: 13.20 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	157600		
164	32.7	26.7	40.1	
127	35.5	29.6	44.4	





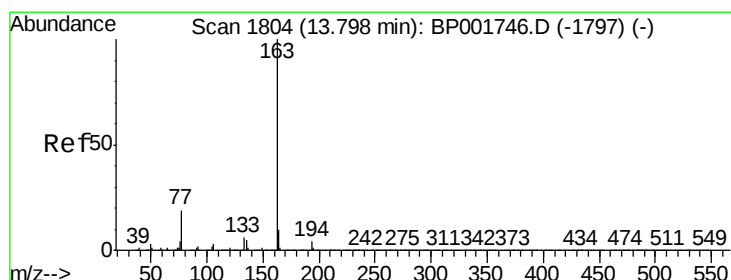
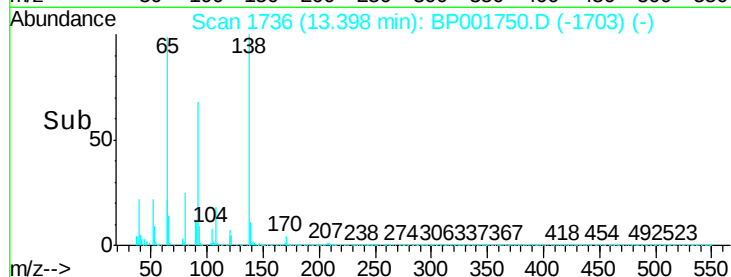
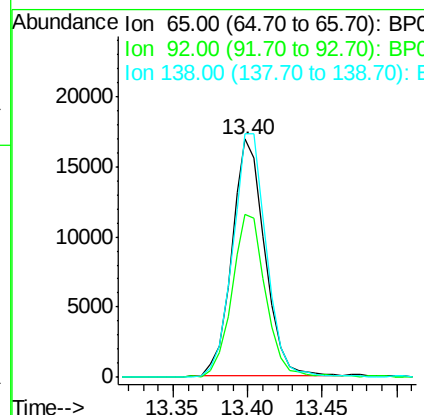
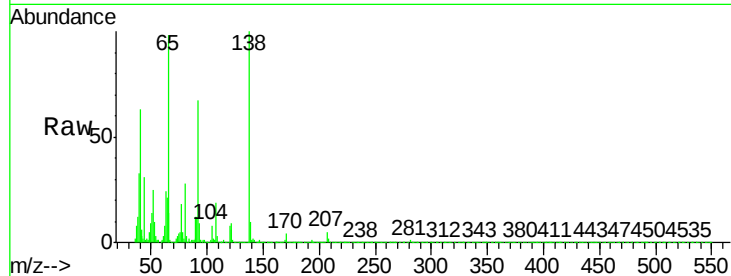
#43
2-Nitroaniline
Concen: 2.17 ng/ul
RT: 13.40 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	57.7	86.5
138	101.9	92.7	139.1

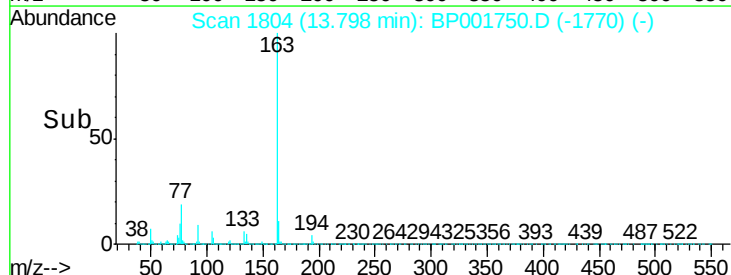
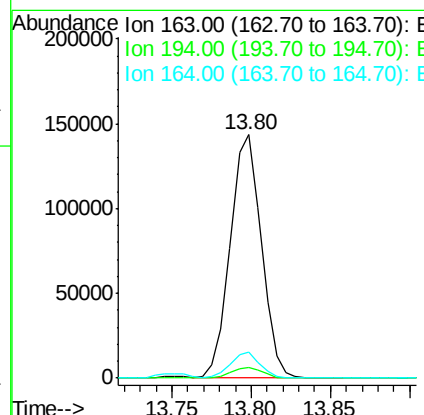
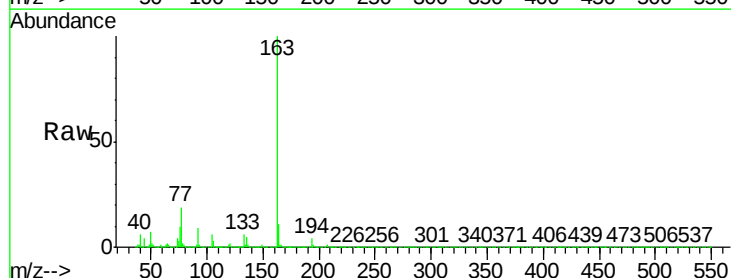
Manual Integrations
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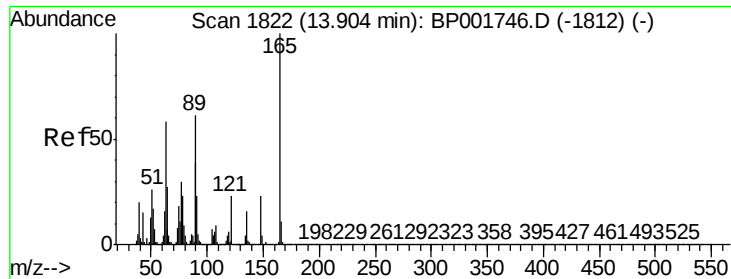
mohammad
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#45
Dimethylphthalate
Concen: 3.23 ng/ul
RT: 13.80 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.6	8.0	12.0





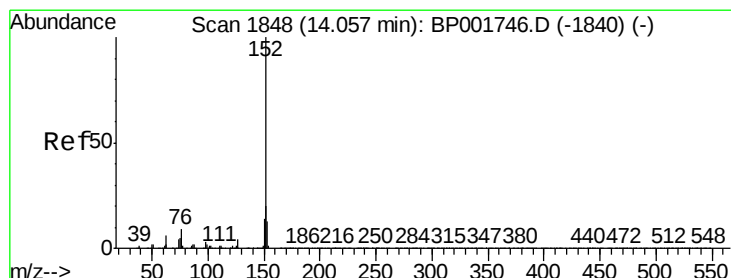
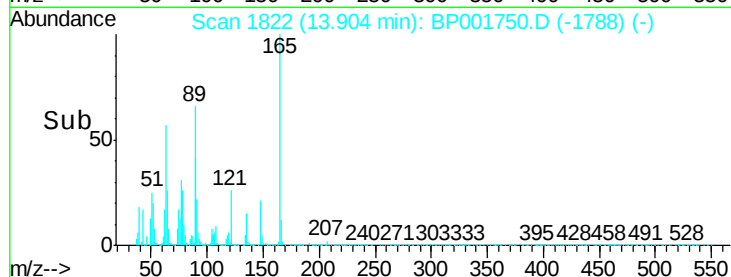
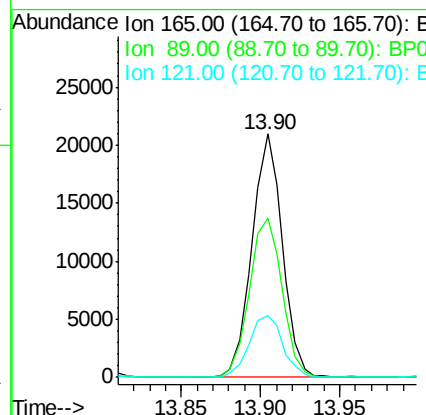
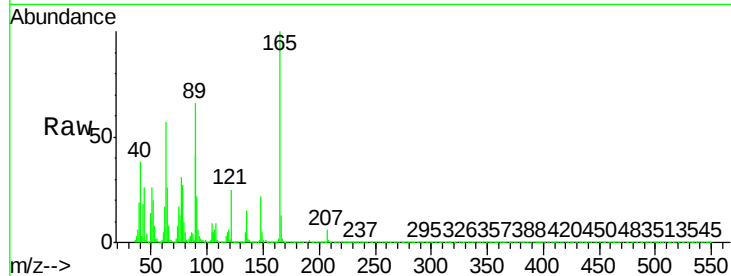
#46
 2,6-Dinitrotoluene
 Concen: 2.39 ng/ul
 RT: 13.90 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	27956		
89	65.5	46.6	70.0	
121	25.4	17.4	26.0	

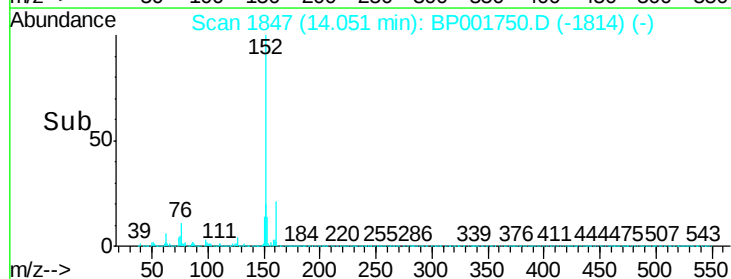
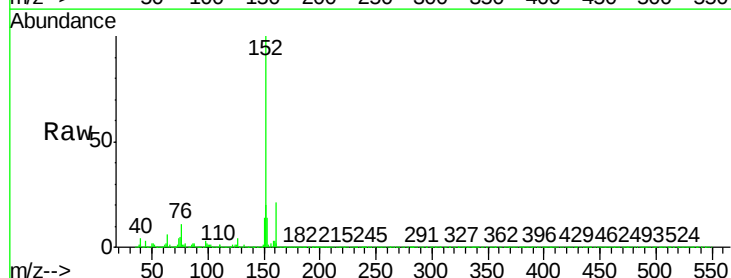
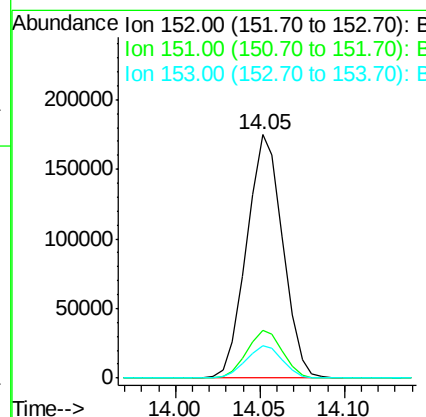
Manual Integrations
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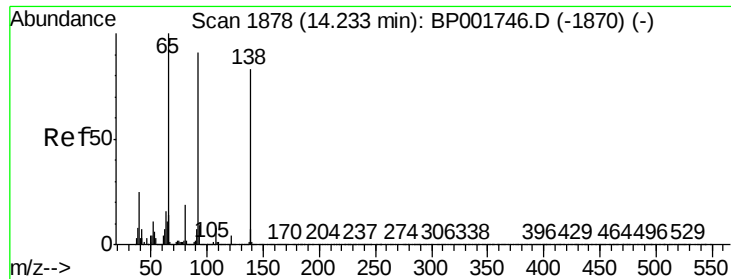
mohammad
 2/17/2020 3:50:44 PM



#48
 Acenaphthylene
 Concen: 3.33 ng/ul
 RT: 14.05 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	259548		
151	19.7	15.9	23.9	
153	13.6	10.6	16.0	





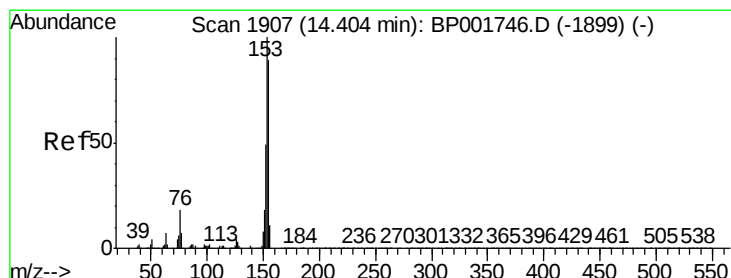
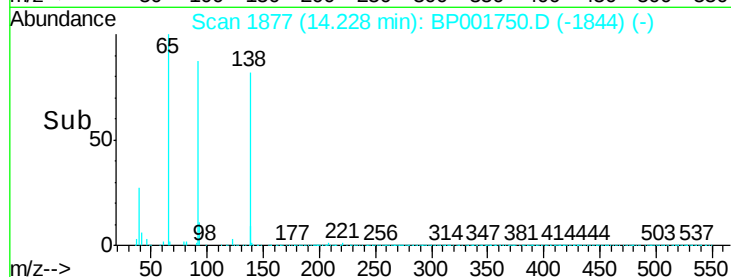
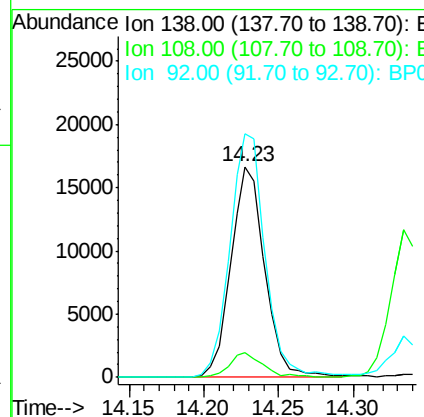
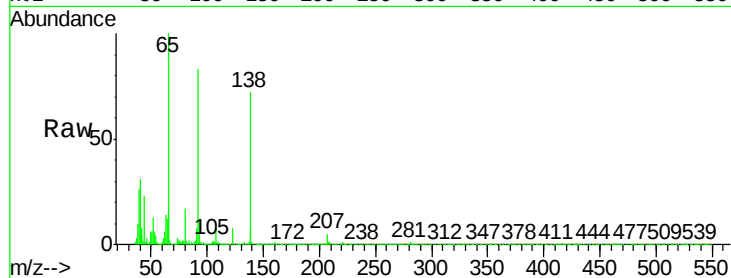
#49
3-Nitroaniline
Concen: 2.32 ng/ul
RT: 14.23 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.8	11.6#
92	115.5	87.6	131.4

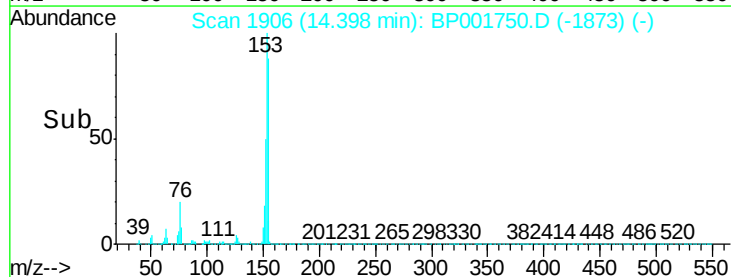
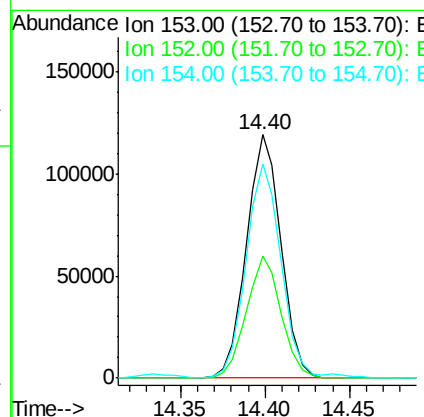
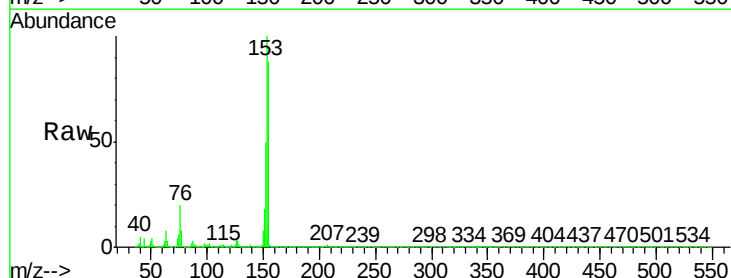
Manual Integrations
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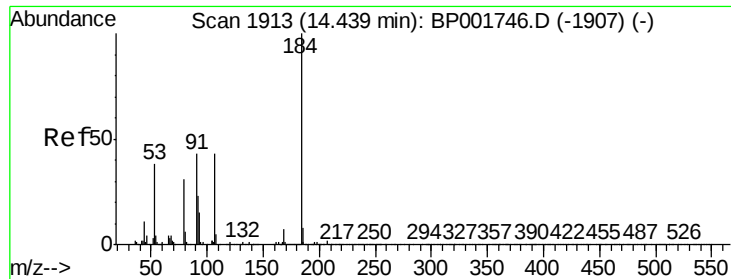
mohammad
2/17/2020 3:50:44 PM



#50
Acenaphthene
Concen: 3.24 ng/ul
RT: 14.40 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.4	59.2
154	87.9	70.8	106.2





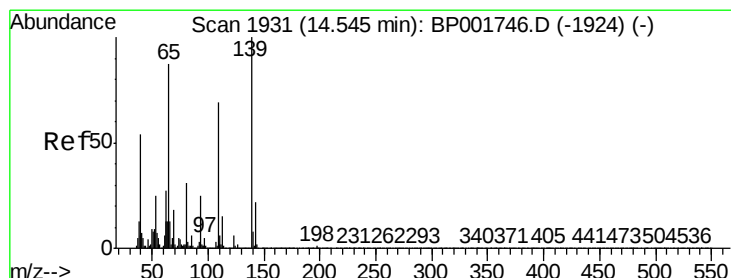
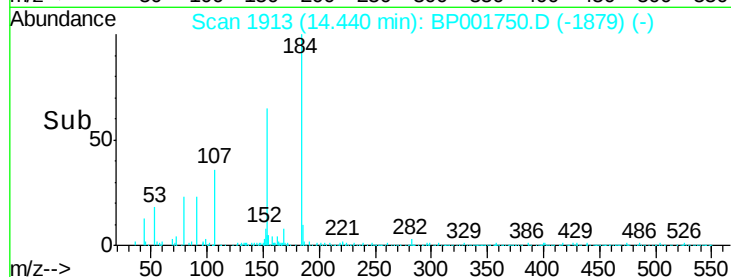
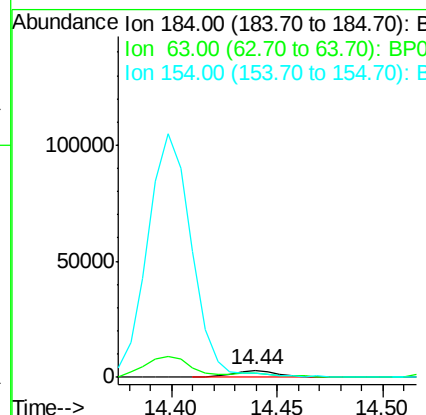
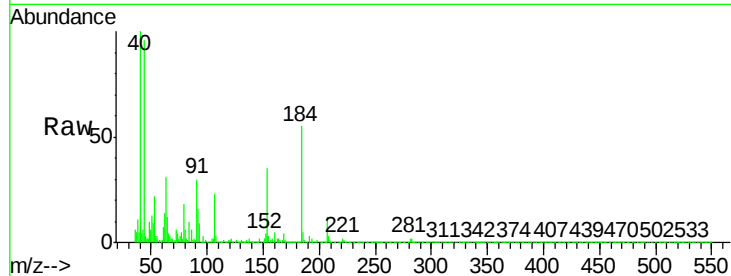
#51
2,4-Dinitrophenol
Concen: 1.07 ng/ul
RT: 14.44 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	4534		
63	56.9	51.1	76.7	
154	64.5	46.6	70.0	

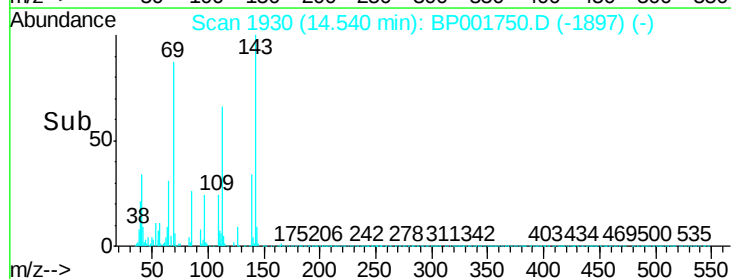
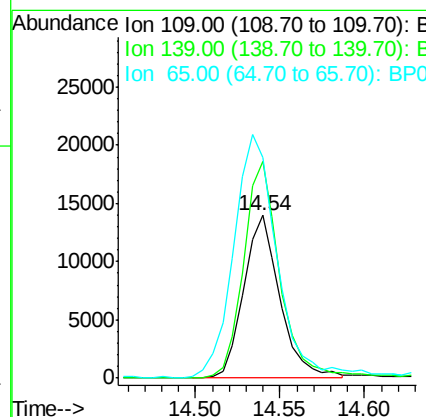
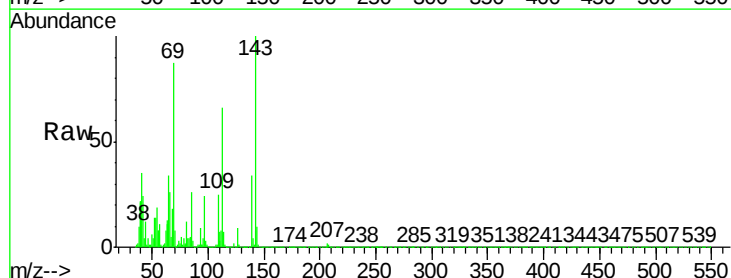
Manual Integrations
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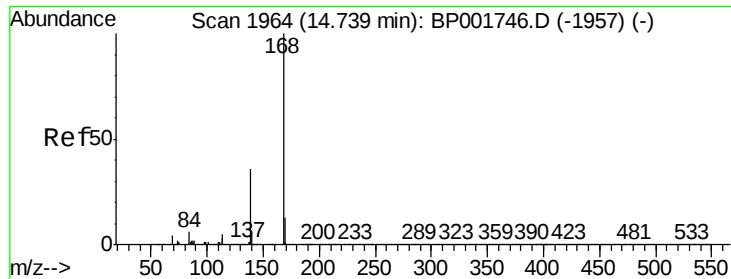
mohammad
2/17/2020 3:50:44 PM



#53
4-Nitrophenol
Concen: 2.50 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	20696		
139	133.6	112.7	169.1	
65	135.9	104.1	156.1	





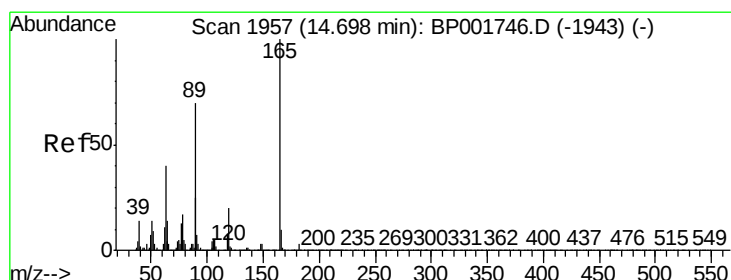
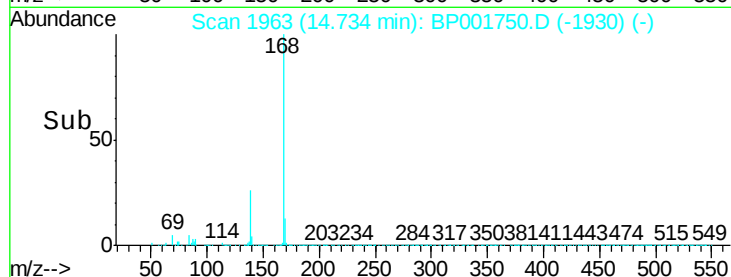
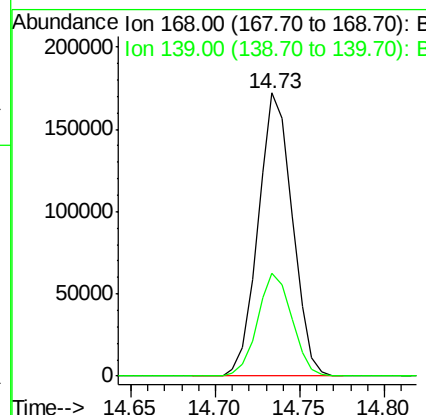
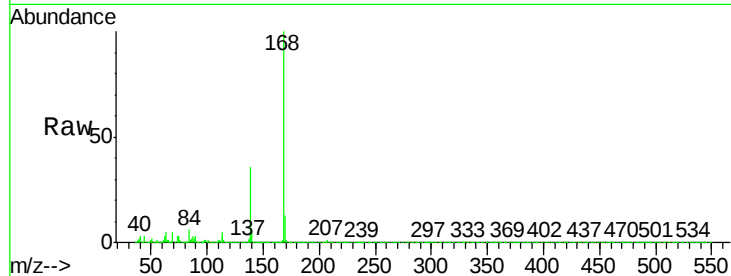
#54
Dibenzofuran
Concen: 3.29 ng/ul
RT: 14.73 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	242594		
139	36.4	29.0	43.4	

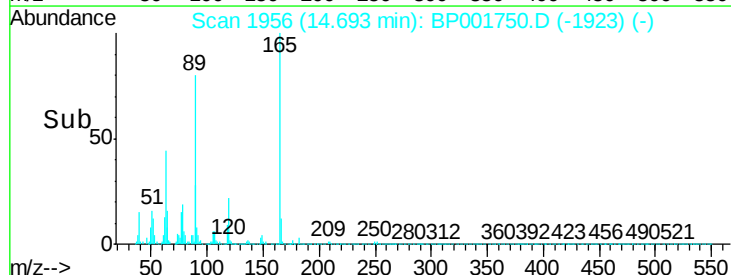
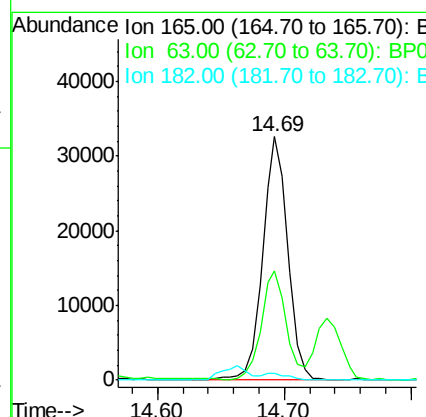
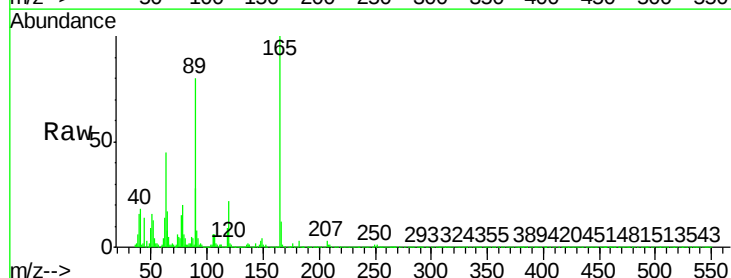
Manual Integrations
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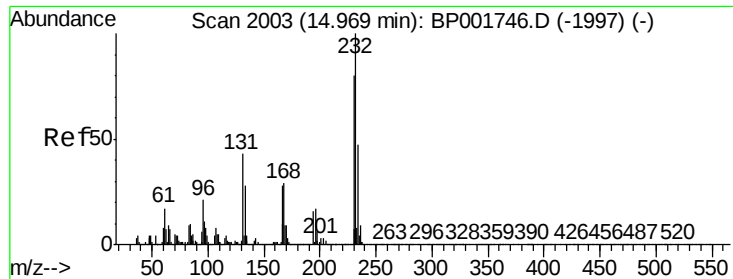
mohammad
2/17/2020 3:50:44 PM



#55
2,4-Dinitrotoluene
Concen: 2.59 ng/ul
RT: 14.69 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44679		
63	45.0	31.4	47.2	
182	2.7	2.4	3.6	





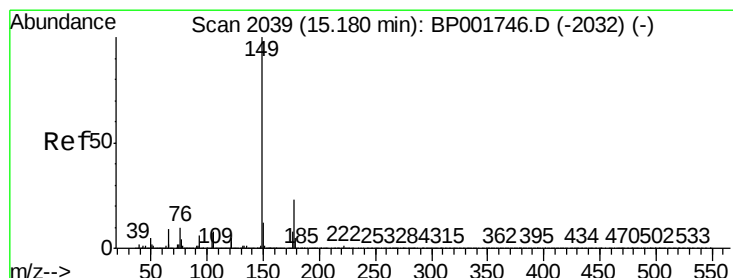
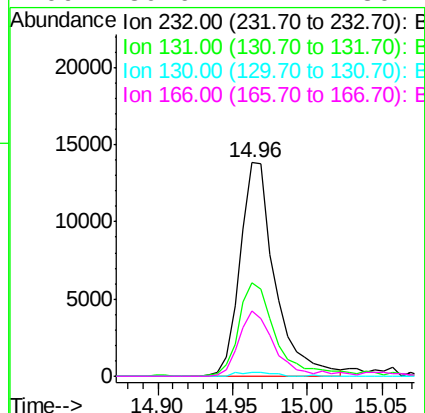
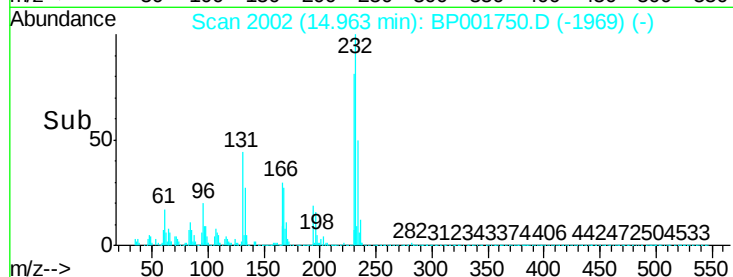
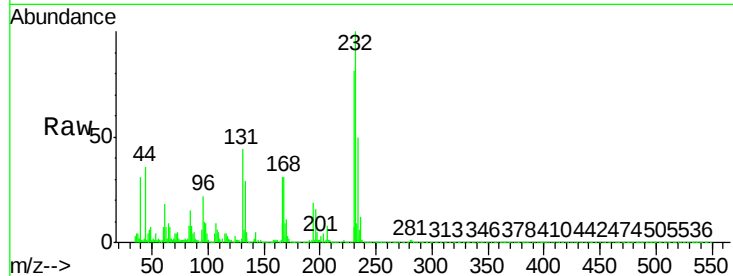
#56
2,3,4,6-Tetrachlorophenol
Concen: 1.85 ng/ul
RT: 14.96 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.0	34.3	51.5
130	2.0	1.8	2.8
166	30.6	24.1	36.1

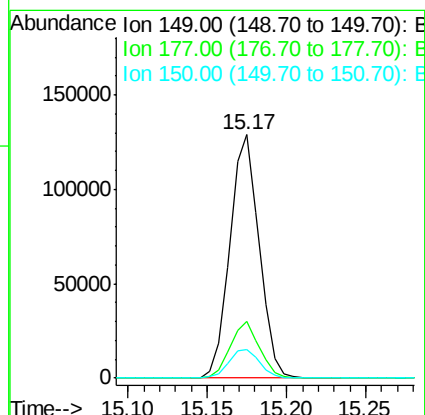
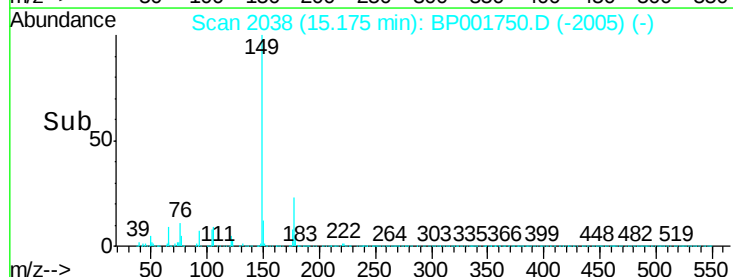
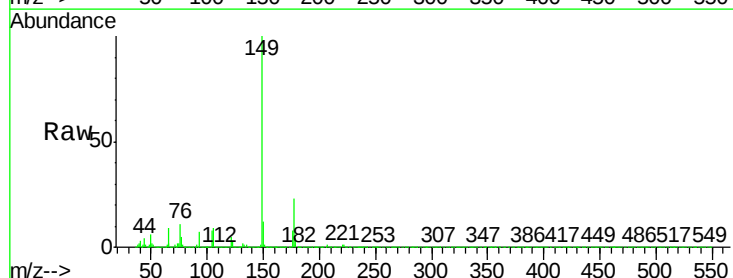
Manual Integrations
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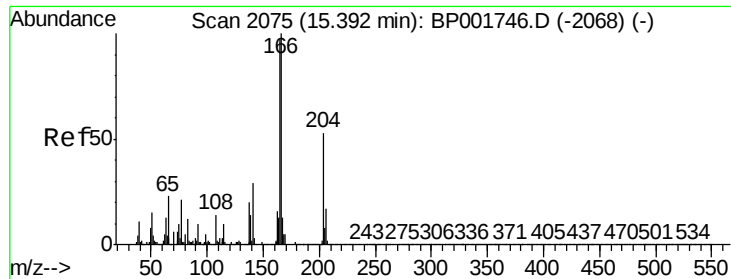
mohammad
2/17/2020 3:50:44 PM



#57
Diethylphthalate
Concen: 2.80 ng/ul
RT: 15.17 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.6	28.0
150	11.9	9.8	14.6





#59

Fluorene

Concen: 3.31 ng/ul

RT: 15.39 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

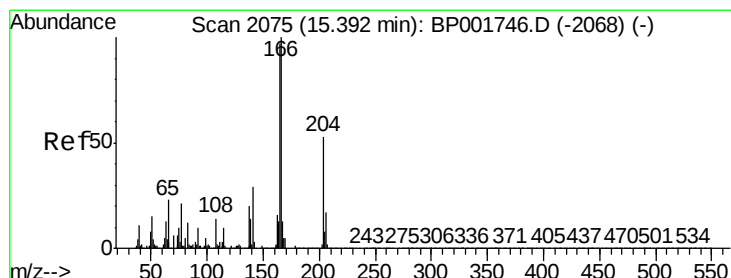
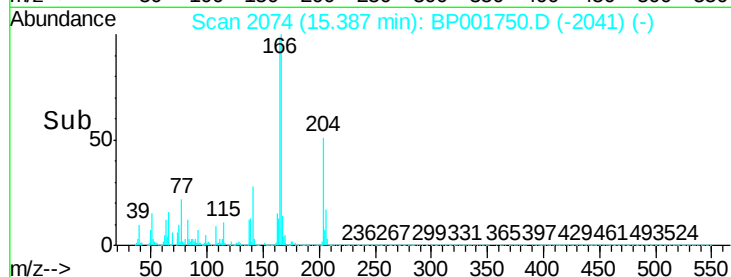
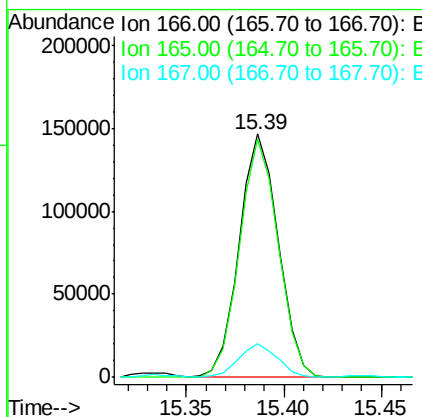
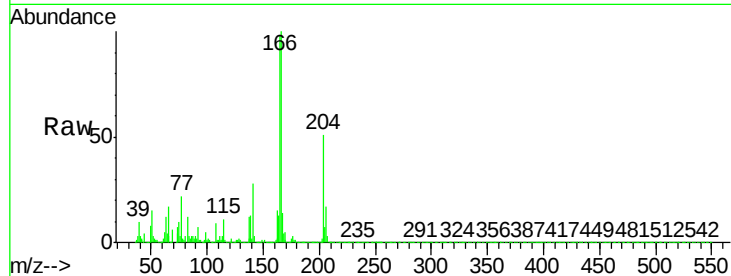
ClientSampleId :

MDL-WATER-03

Tgt Ion:	166	Resp:	202877
Ion Ratio		Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.8	11.0	16.4

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#60

4-Chlorophenyl-phenylether

Concen: 3.33 ng/ul

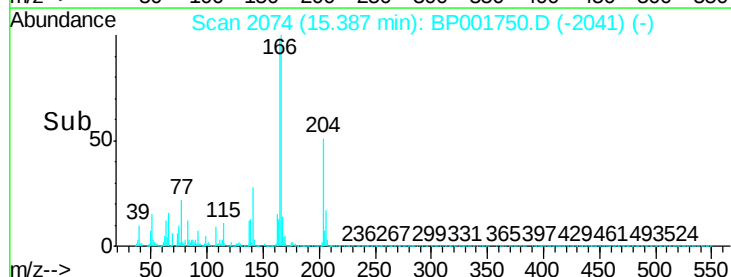
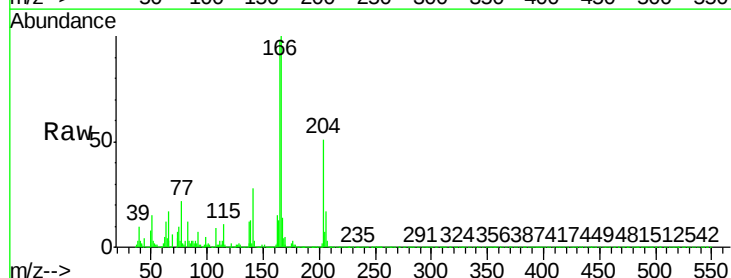
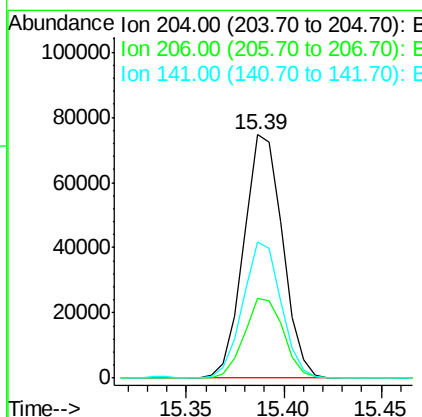
RT: 15.39 min Scan# 2074

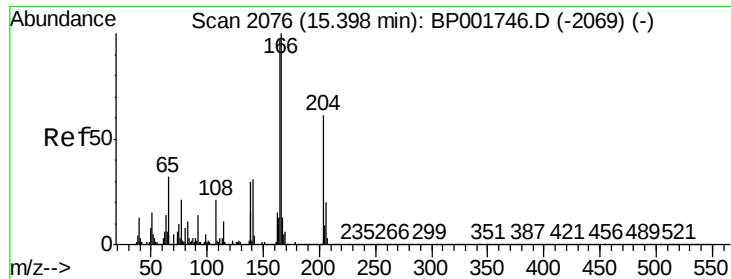
Delta R.T. -0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Tgt Ion:	204	Resp:	103184
Ion Ratio		Lower	Upper
204	100		
206	32.9	26.5	39.7
141	55.8	43.4	65.0





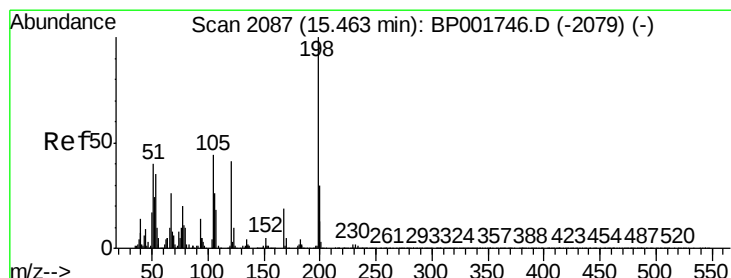
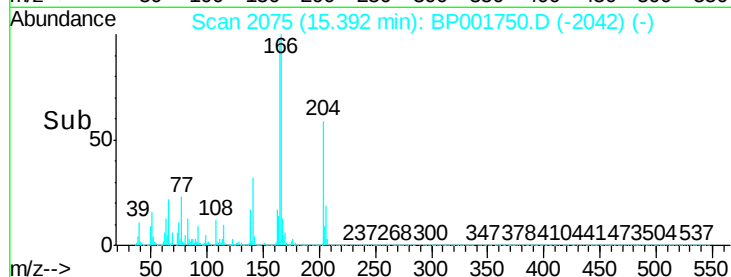
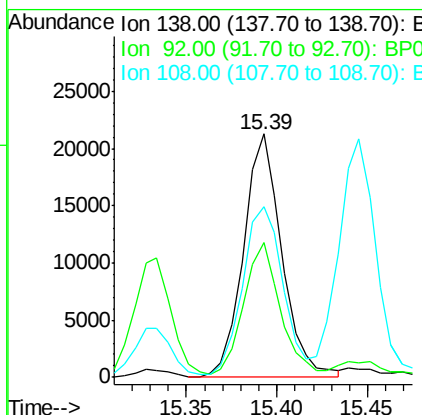
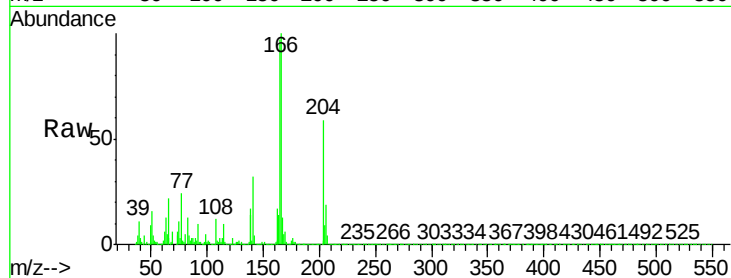
#61
4-Nitroaniline
Concen: 2.26 ng/ul
RT: 15.39 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	38.8	58.2
108	70.3	57.8	86.6

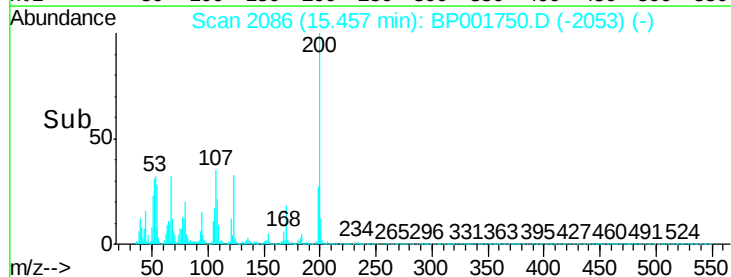
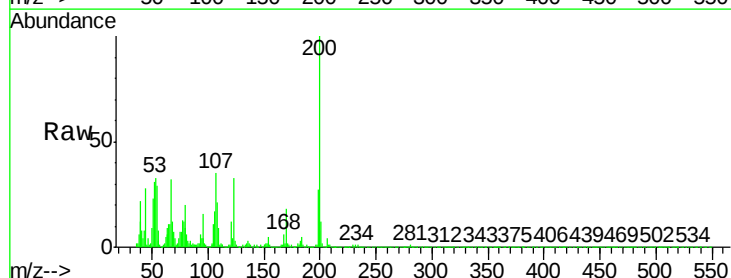
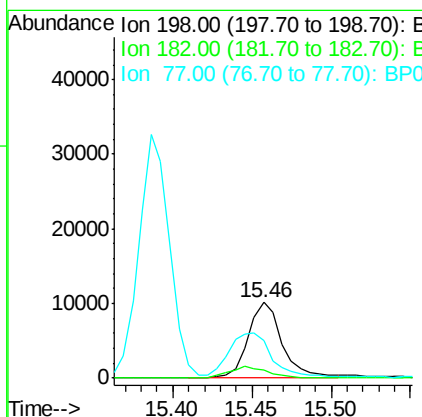
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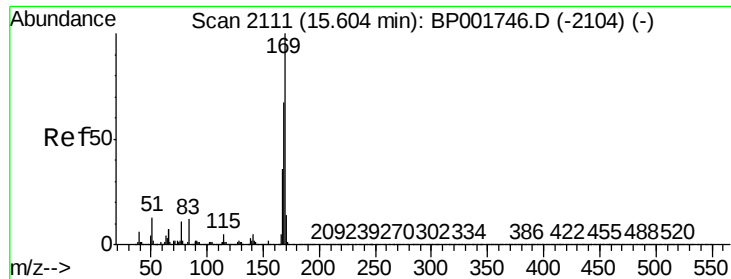
mohammad
2/17/2020 3:50:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 1.88 ng/ul
RT: 15.46 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
198	100		
182	9.9	3.2	4.8#
77	48.9	17.7	26.5#





#65

N-Nitrosodiphenylamine

Concen: 3.00 ng/ul

RT: 15.60 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

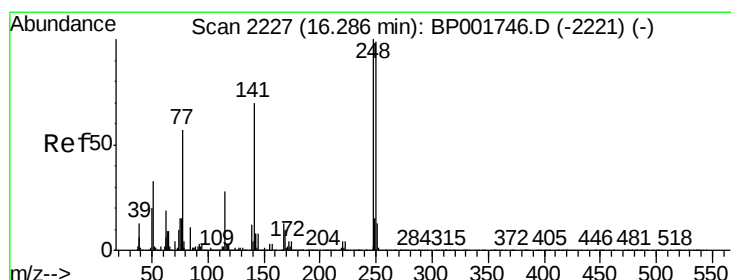
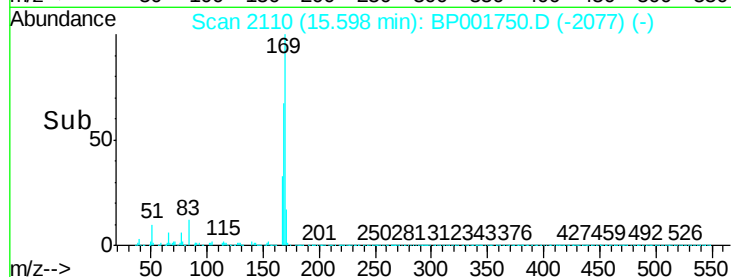
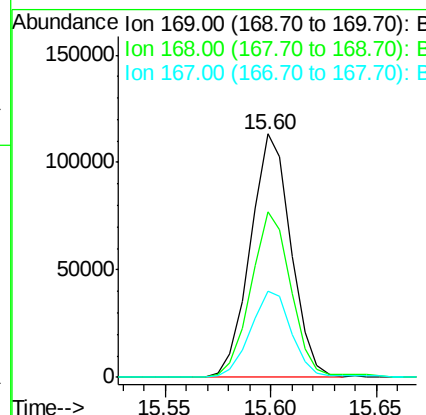
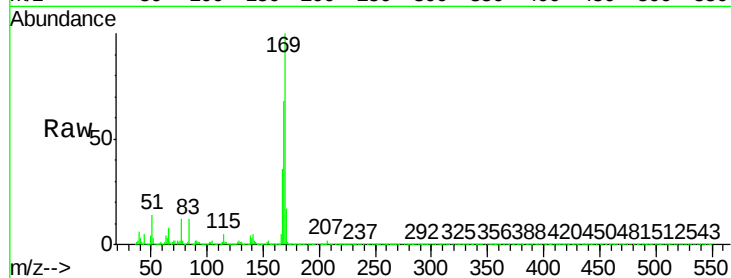
ClientSampleId :

MDL-WATER-03

Tgt Ion:	169	Resp:	150566
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.1	81.1
167	35.6	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 2.97 ng/ul

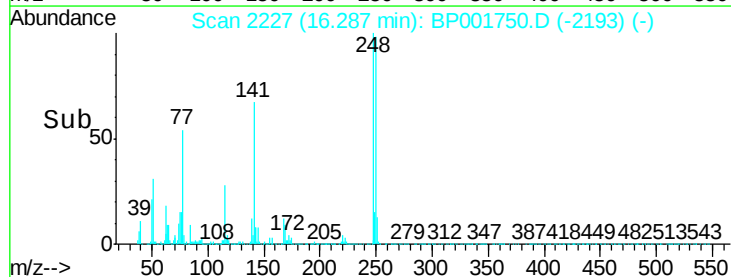
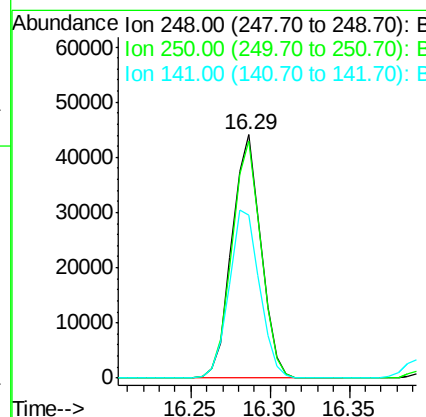
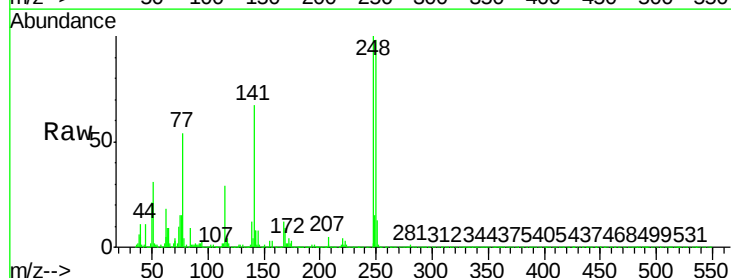
RT: 16.29 min Scan# 2227

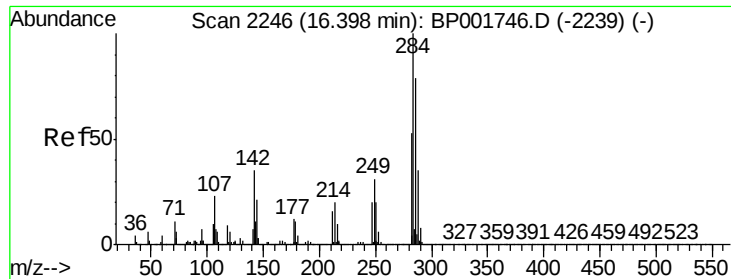
Delta R.T. 0.00 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Tgt Ion:	248	Resp:	56116
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.4	116.0
141	67.0	56.1	84.1





#67

Hexachlorobenzene

Concen: 3.27 ng/ul

RT: 16.40 min Scan# 2246

Delta R.T. 0.00 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

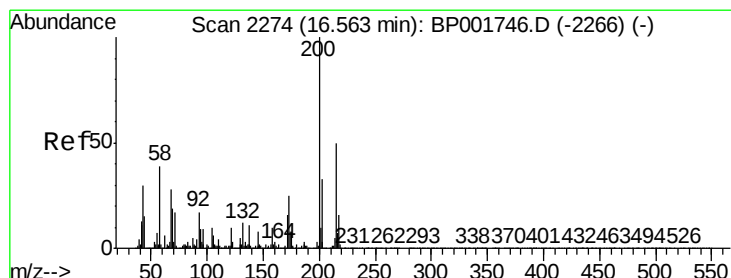
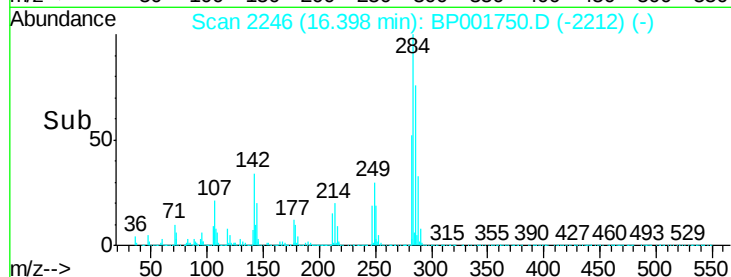
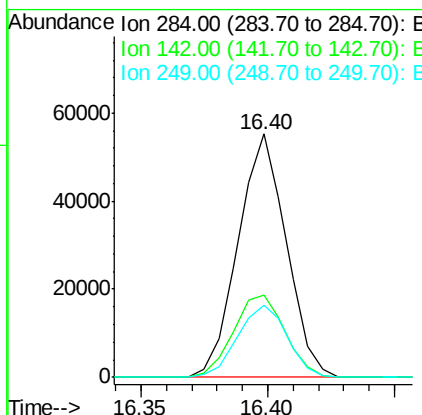
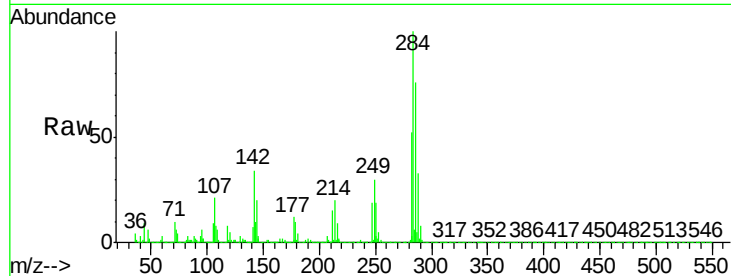
ClientSampleId :

MDL-WATER-03

Tgt Ion:	284	Resp:	73020
Ion Ratio	Lower	Upper	
284	100		
142	33.8	28.3	42.5
249	29.6	24.5	36.7

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#68

Atrazine

Concen: 2.01 ng/ul

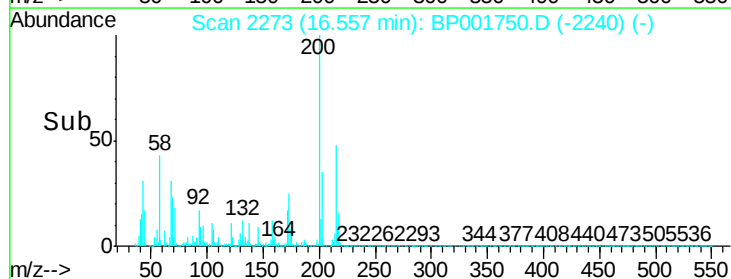
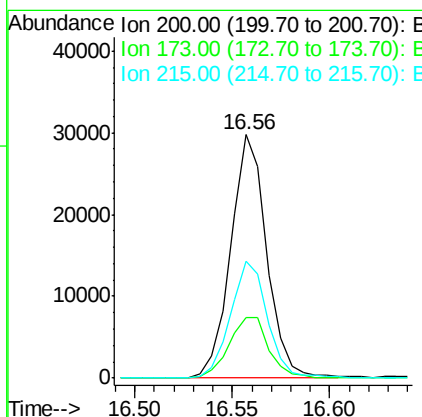
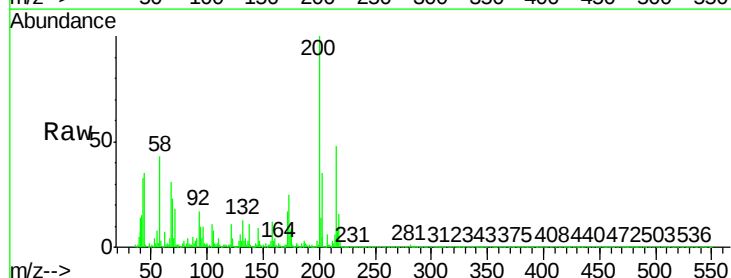
RT: 16.56 min Scan# 2273

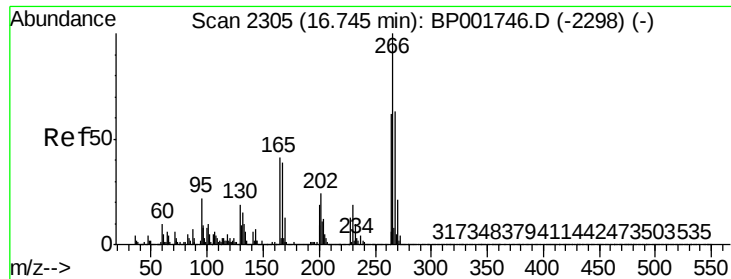
Delta R.T. -0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Tgt Ion:	200	Resp:	37841
Ion Ratio	Lower	Upper	
200	100		
173	24.8	19.9	29.9
215	47.8	39.5	59.3





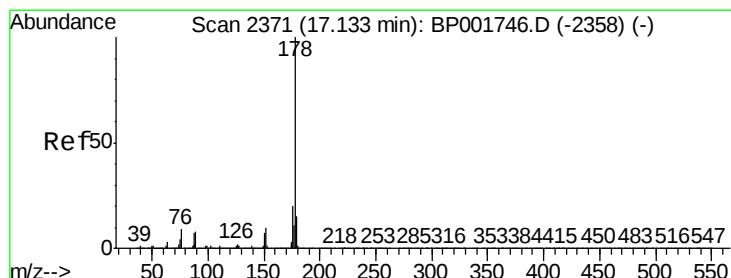
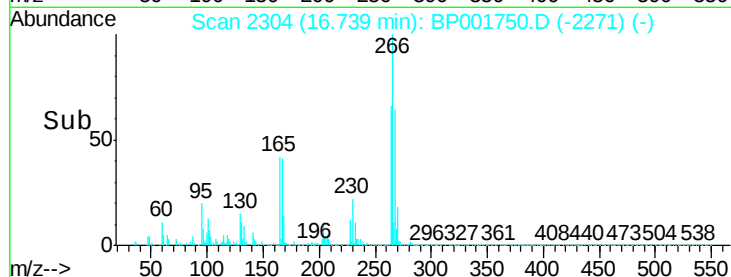
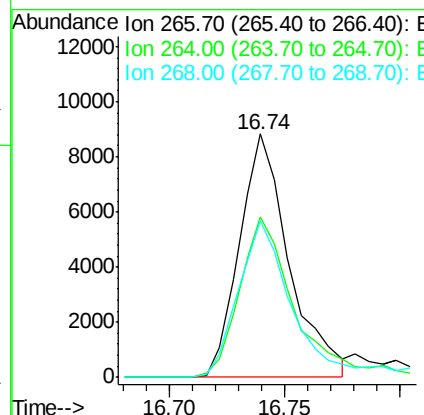
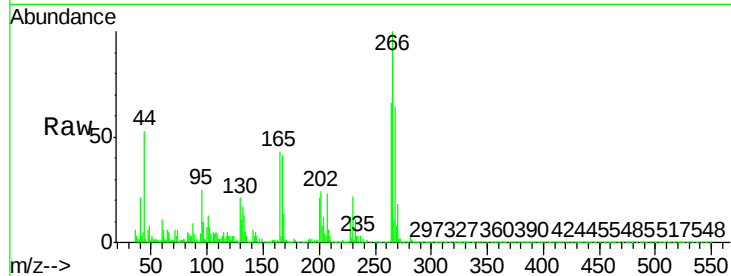
#69
 Pentachlorophenol
 Concen: 1.22 ng/ul
 RT: 16.74 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.1	51.0	76.4
268	64.4	50.8	76.2

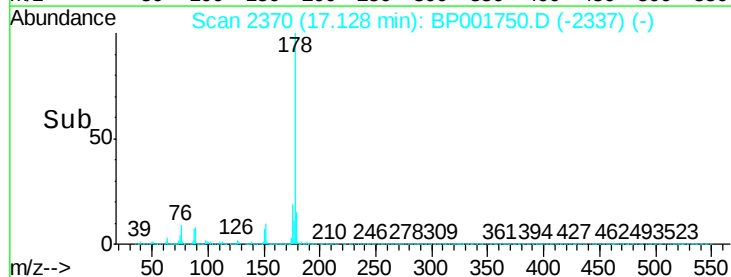
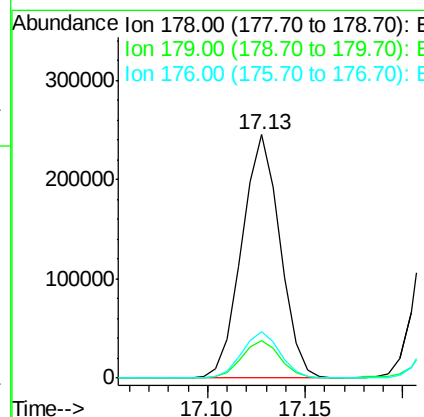
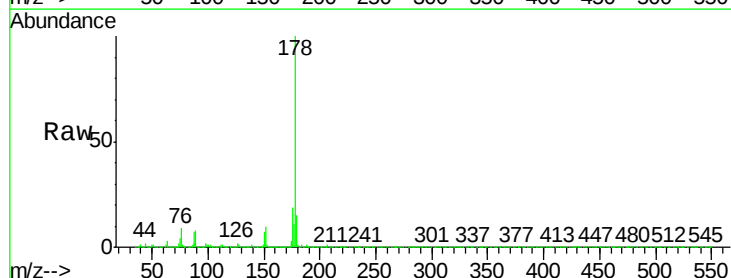
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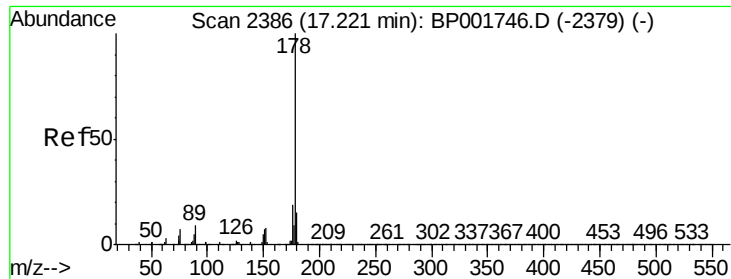
mohammad
 2/17/2020 3:50:44 PM



#70
 Phenanthrene
 Concen: 3.34 ng/ul
 RT: 17.13 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.1	22.7





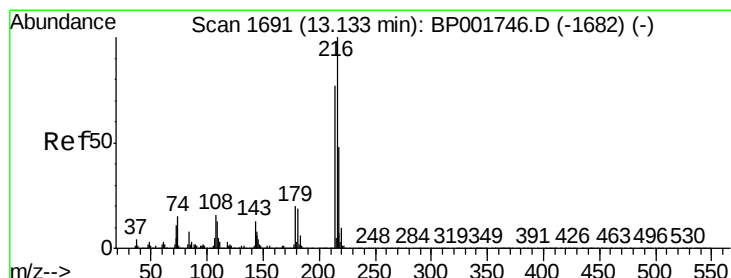
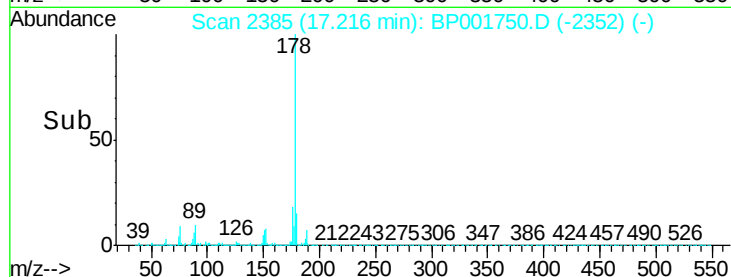
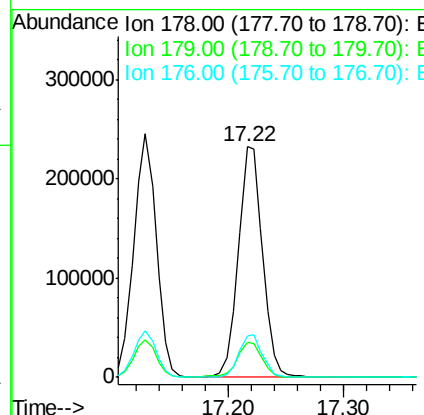
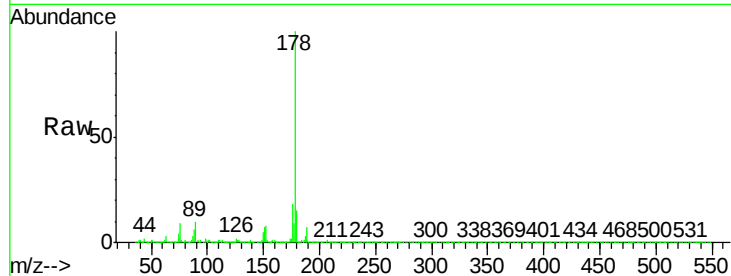
#72
 Anthracene
 Concen: 3.34 ng/uL
 RT: 17.22 min Scan# 2385
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.2	15.0	22.4

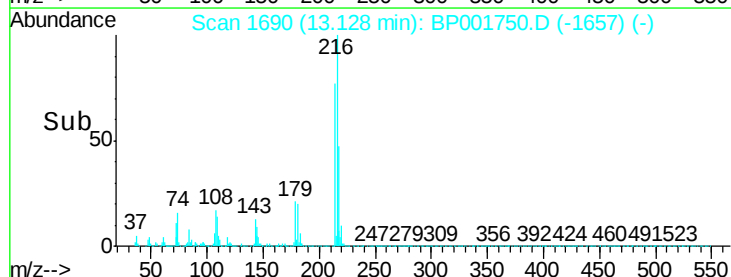
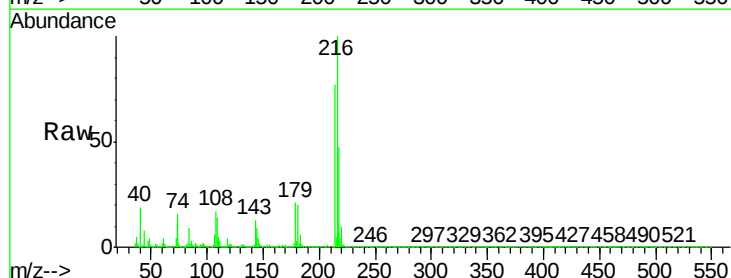
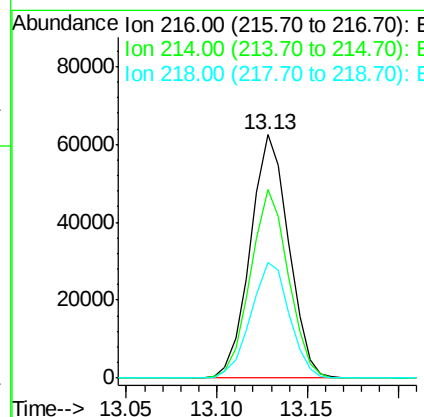
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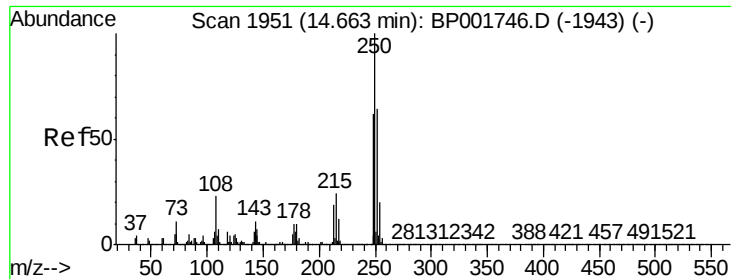
mohammad
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.45 ng/uL
 RT: 13.13 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.2	93.2
218	47.3	37.8	56.6





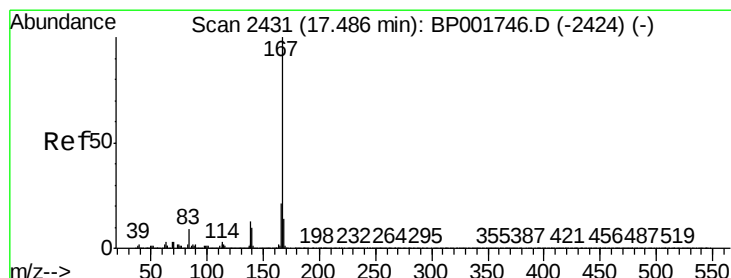
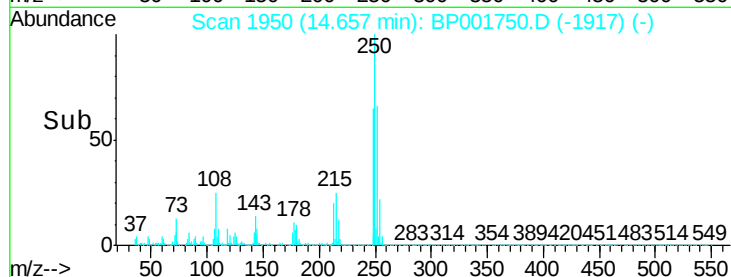
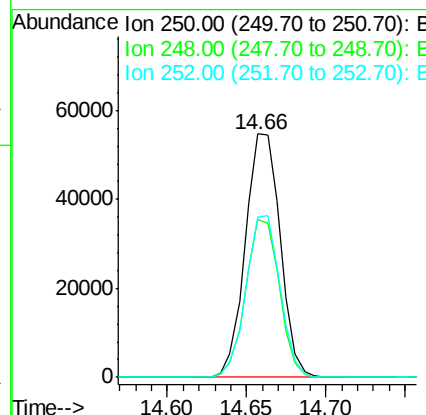
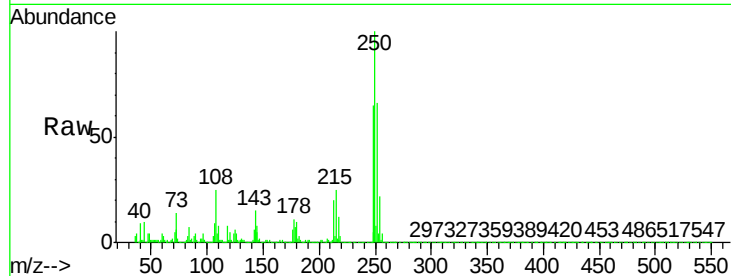
#74
 Pentachlorobenzene
 Concen: 3.07 ng/uL
 RT: 14.66 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
250	100		
248	64.6	51.1	76.7
252	66.0	51.4	77.2

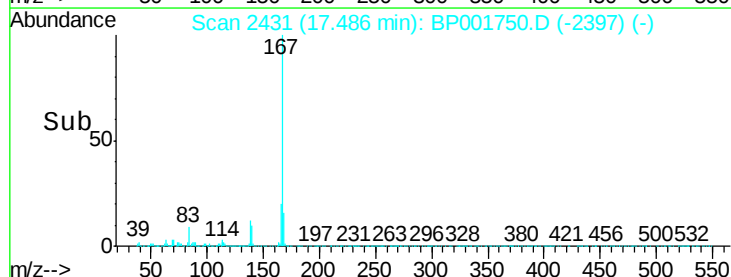
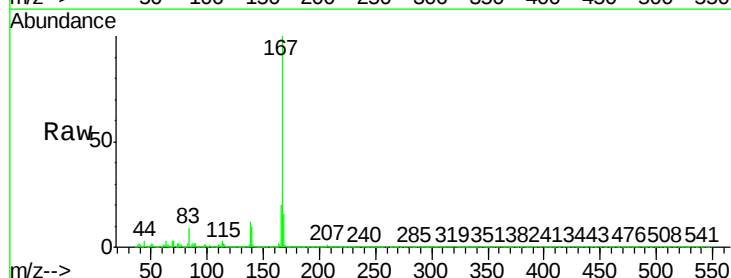
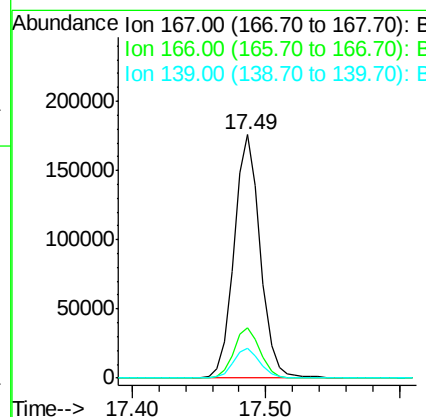
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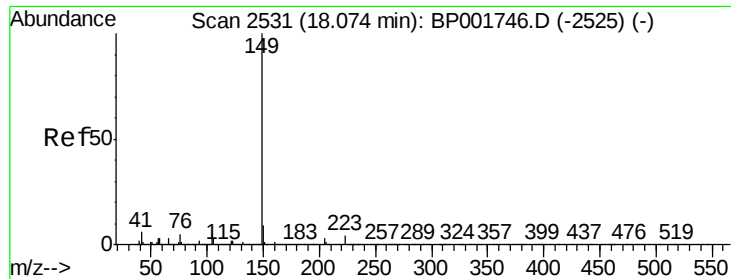
mohammad
 2/17/2020 3:50:44 PM



#75
 Carbazole
 Concen: 2.84 ng/uL
 RT: 17.49 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	16.8	25.2
139	12.2	10.2	15.2





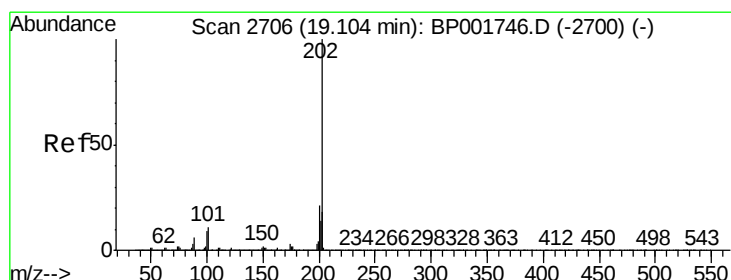
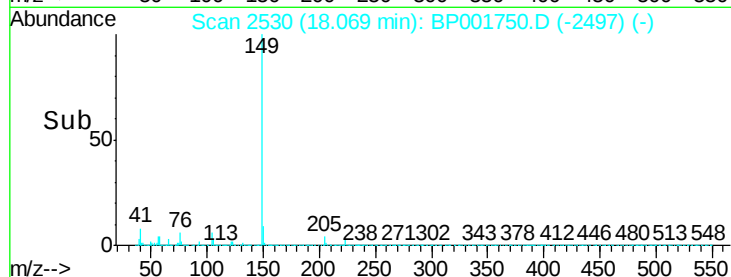
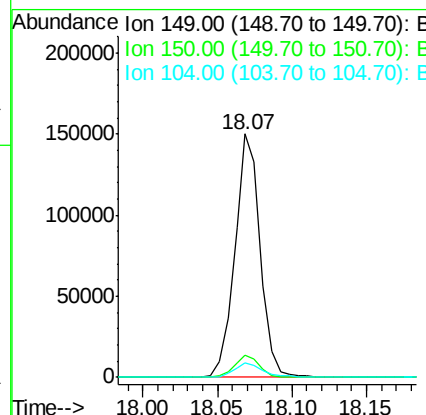
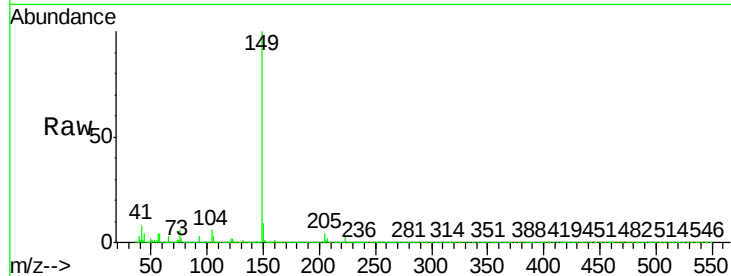
#76
Di-n-butylphthalate
Concen: 1.99 ng/ul
RT: 18.07 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	177901		
150	9.3	7.4	11.2	
104	5.7	4.2	6.2	

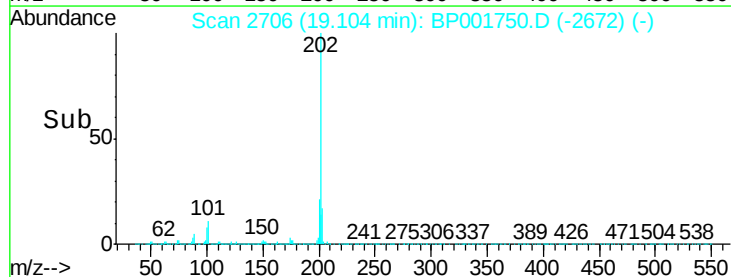
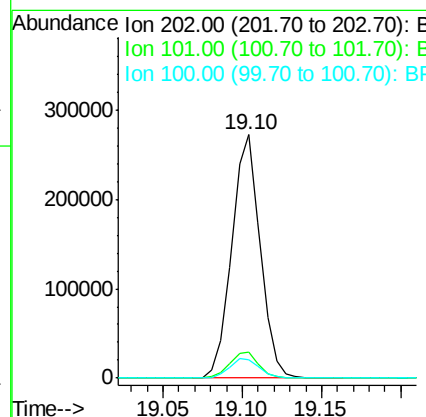
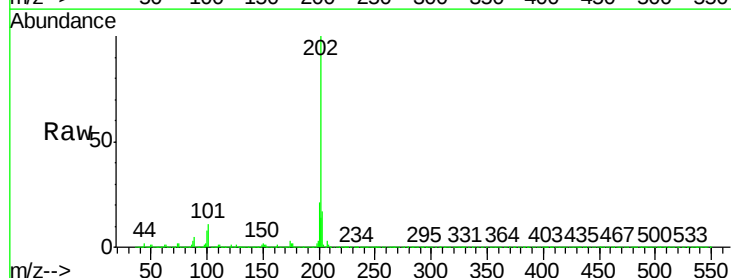
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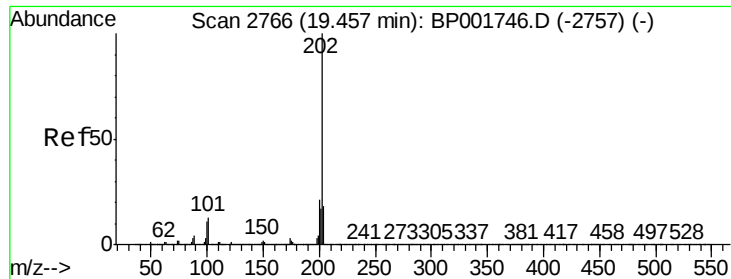
mohammad
2/17/2020 3:50:44 PM



#77
Fluoranthene
Concen: 3.06 ng/ul
RT: 19.10 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	337415		
101	10.8	8.9	13.3	
100	7.8	6.9	10.3	





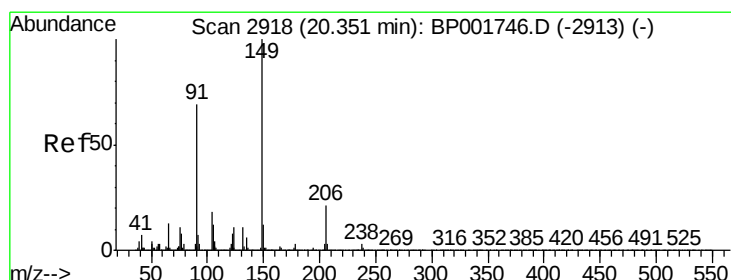
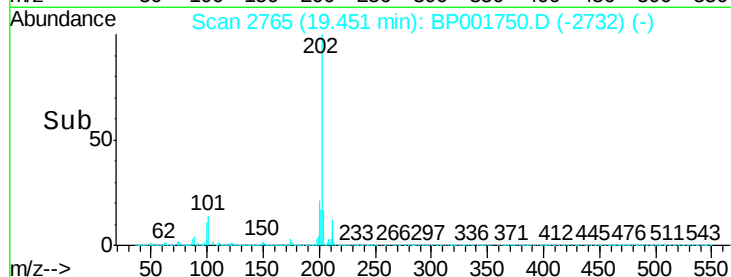
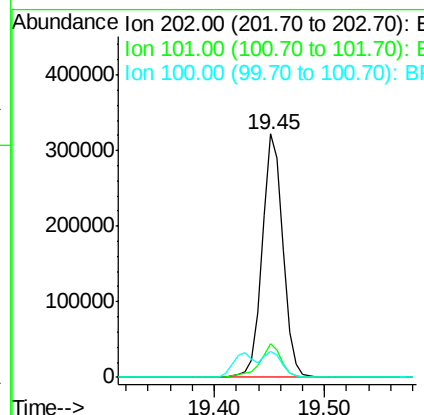
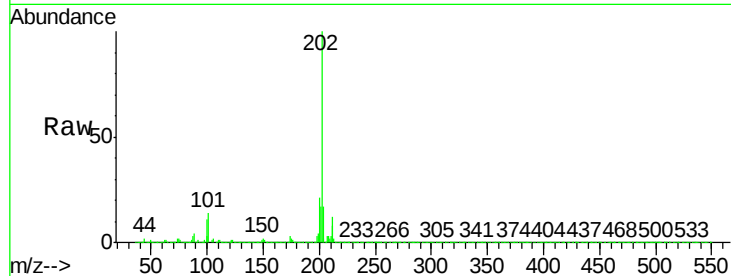
#80
Pyrene
Concen: 3.35 ng/ul
RT: 19.45 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	10.2	15.2
100	10.8	8.4	12.6

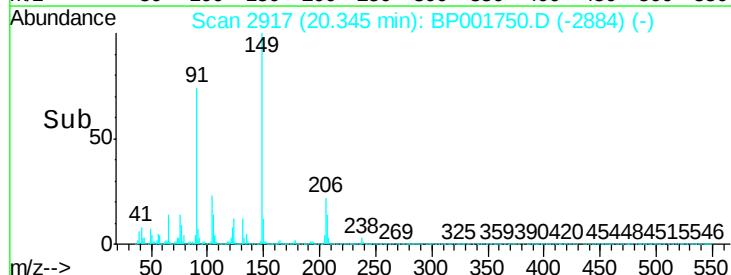
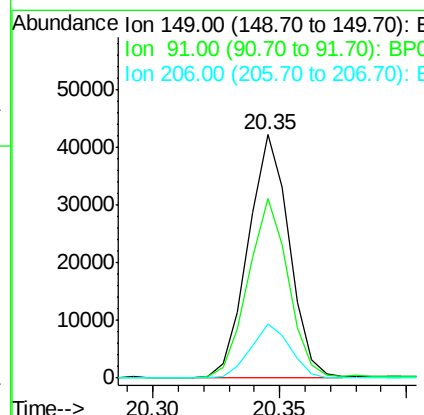
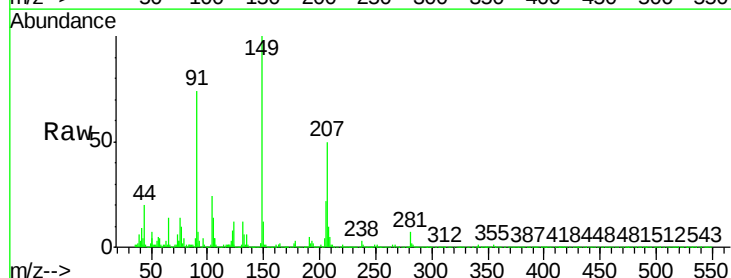
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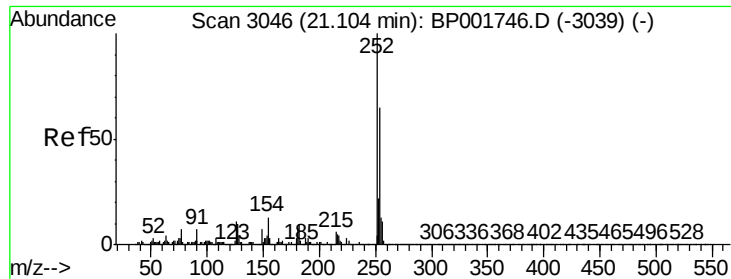
mohammad
2/17/2020 3:50:44 PM



#81
Butylbenzylphthalate
Concen: 1.26 ng/ul
RT: 20.35 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.9	55.9	83.9
206	22.4	17.9	26.9





#82

3,3'-Dichlorobenzidine

Concen: 1.21 ng/ul

RT: 21.10 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

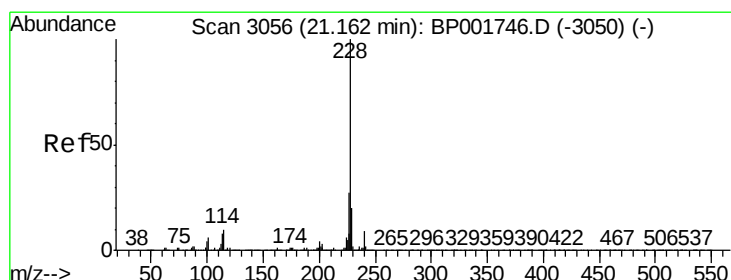
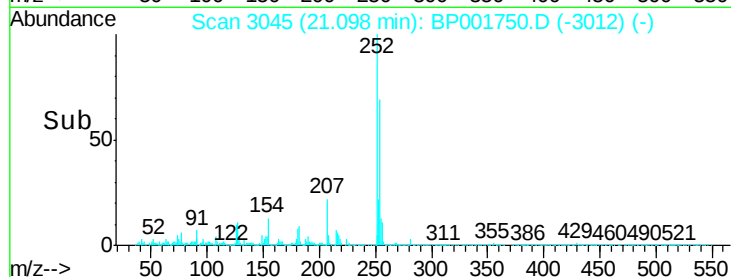
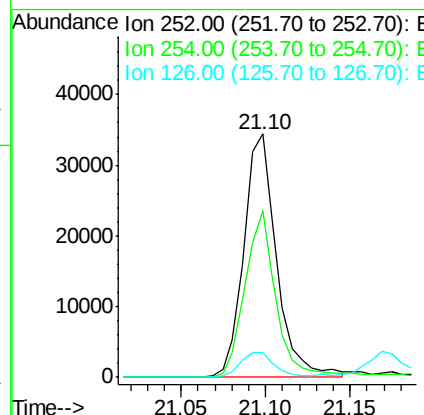
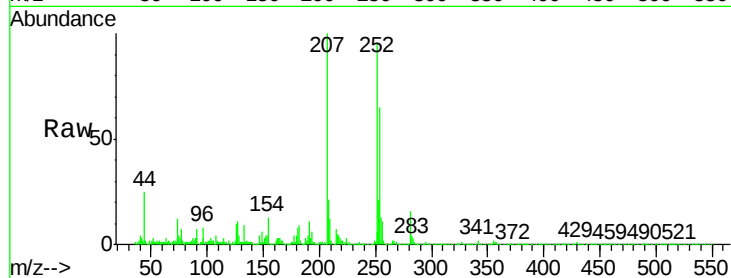
ClientSampleId :

MDL-WATER-03

Tgt Ion:	252	Resp:	46385
Ion Ratio	Lower	Upper	
252	100		
254	68.6	51.4	77.2
126	10.3	7.5	11.3

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#83

Benzo(a)anthracene

Concen: 2.96 ng/ul

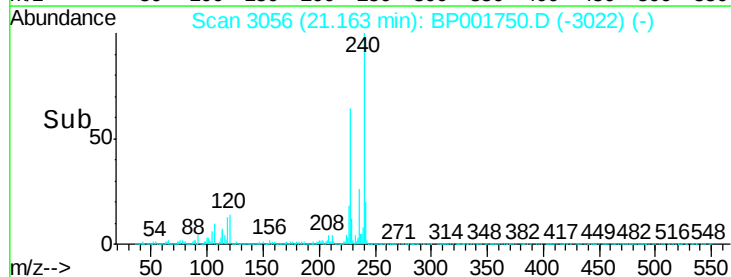
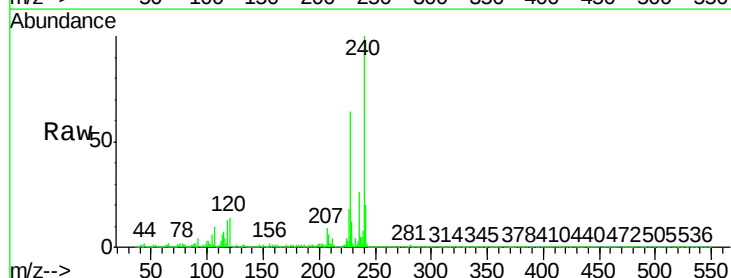
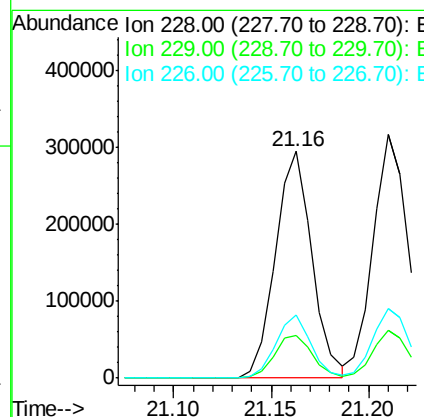
RT: 21.16 min Scan# 3056

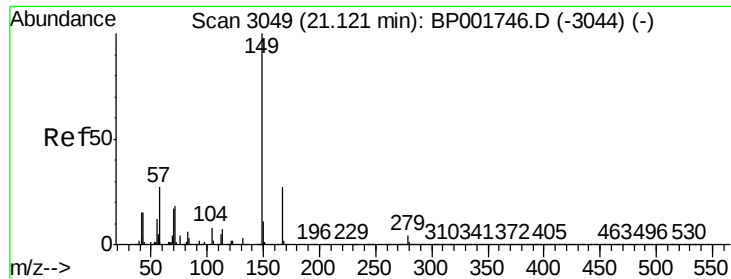
Delta R.T. 0.00 min

Lab File: BP001750.D

Acq: 14 Feb 2020 17:47

Tgt Ion:	228	Resp:	382046
Ion Ratio	Lower	Upper	
228	100		
229	19.1	14.9	22.3
226	27.6	20.8	31.2





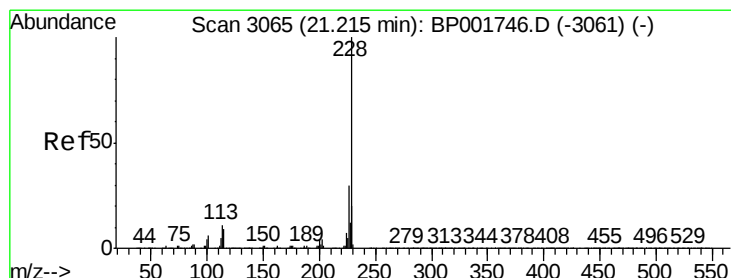
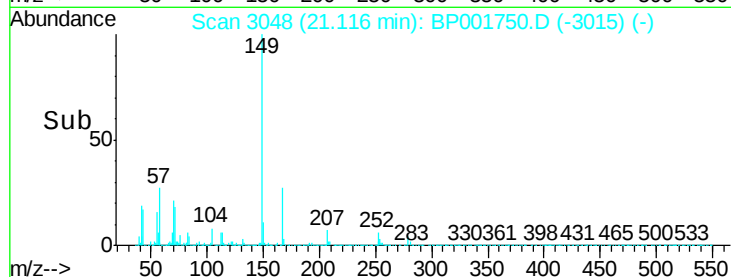
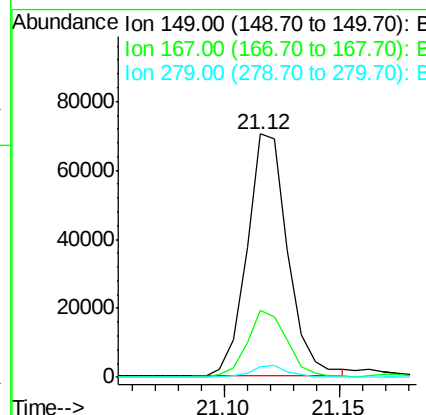
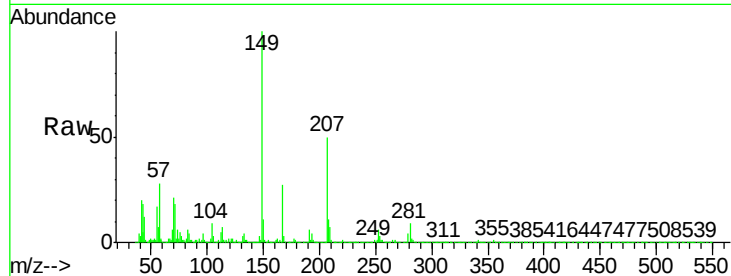
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.41 ng/ul
 RT: 21.12 min Scan# 3048
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	86785		
167	27.3	22.1	33.1	
279	4.3	3.3	4.9	

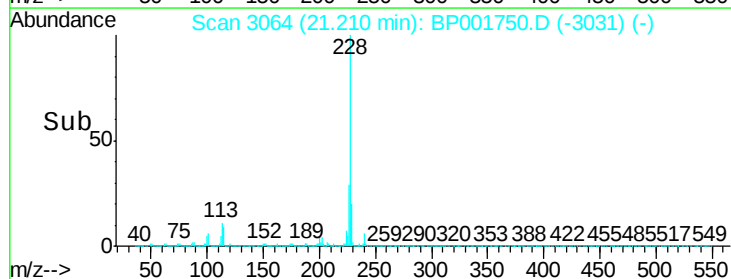
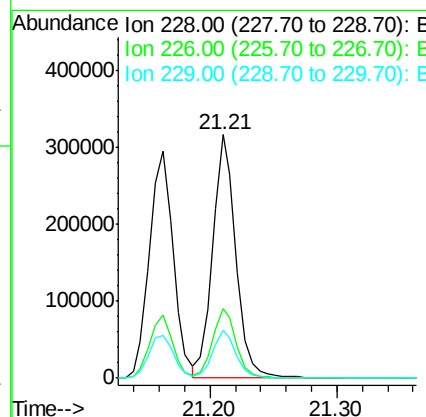
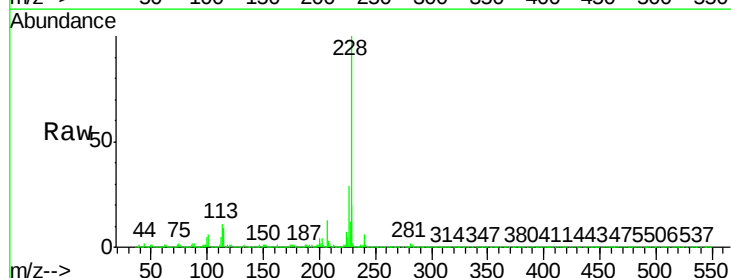
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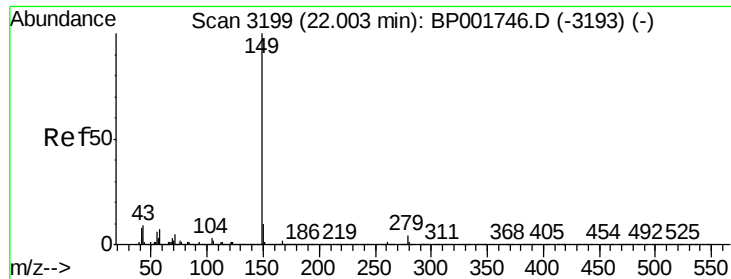
mohammad
 2/17/2020 3:50:44 PM



#85
 Chrysene
 Concen: 3.24 ng/ul
 RT: 21.21 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	404347		
226	28.8	24.3	36.5	
229	19.7	16.2	24.4	





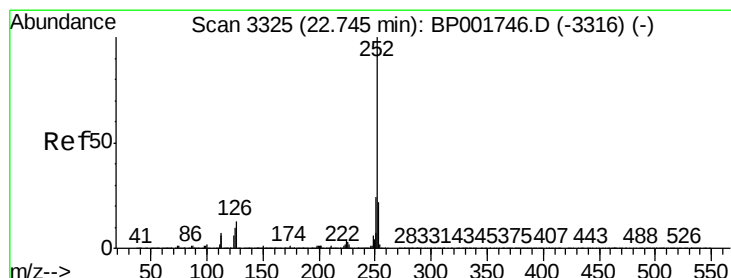
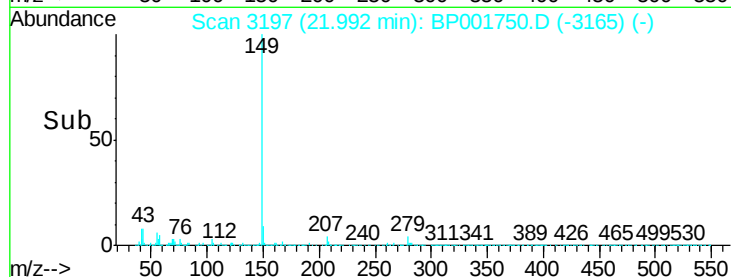
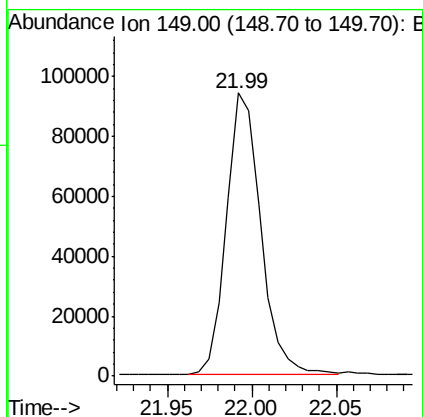
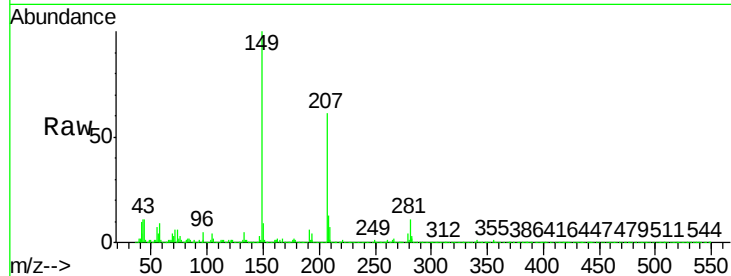
#87
Di-n-octyl phthalate
Concen: 1.32 ng/ul
RT: 21.99 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion:149 Resp: 132442

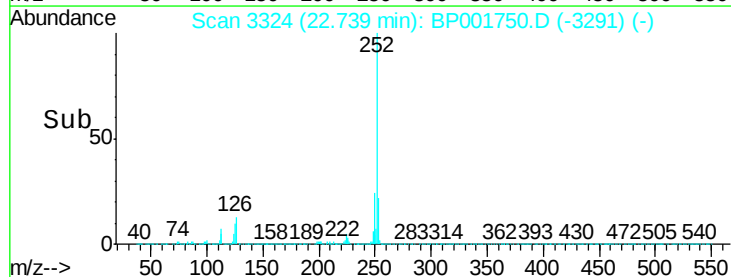
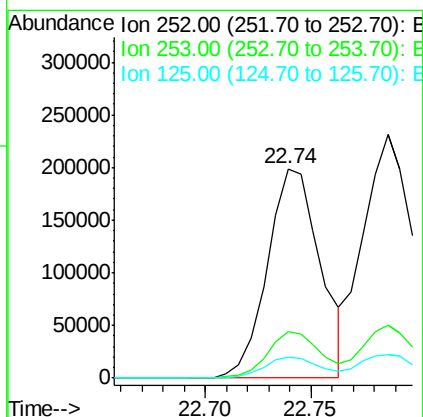
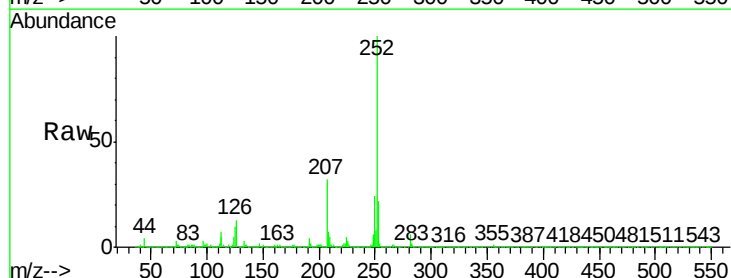
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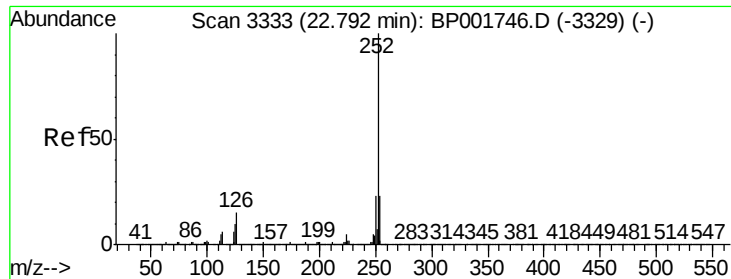
mohammad
2/17/2020 3:50:44 PM



#88
Benzo(b)fluoranthene
Concen: 2.68 ng/ul
RT: 22.74 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion:252 Resp: 346658
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.9 8.0 12.0





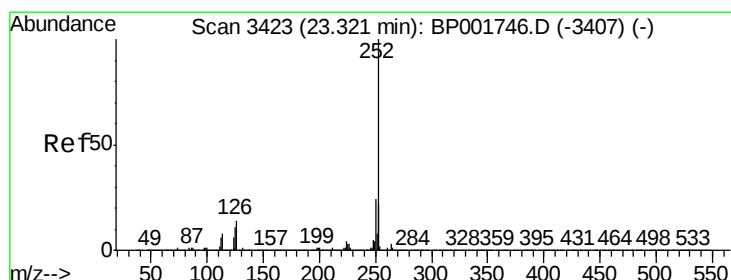
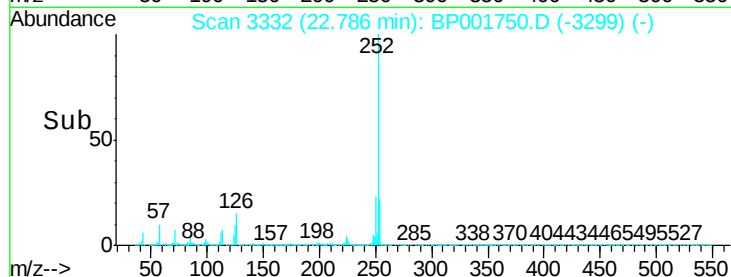
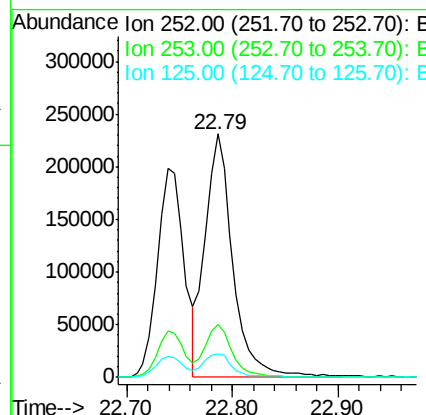
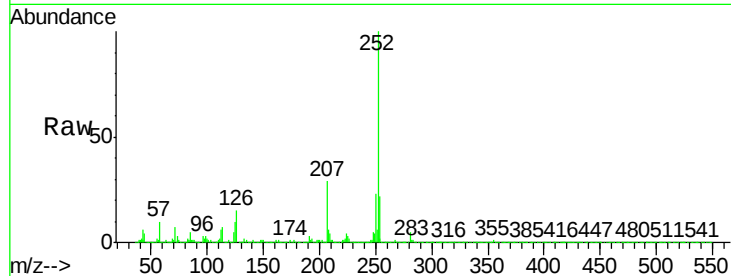
#89
Benzo(k)fluoranthene
Concen: 3.21 ng/ul
RT: 22.79 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	9.9	8.3	12.5

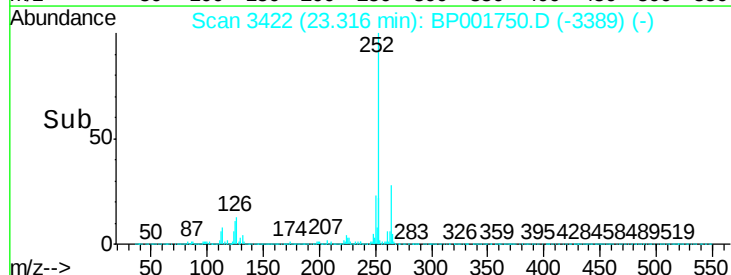
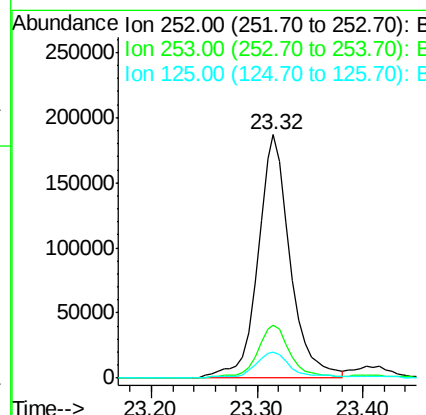
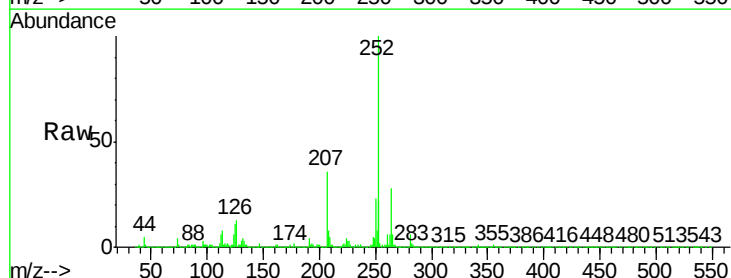
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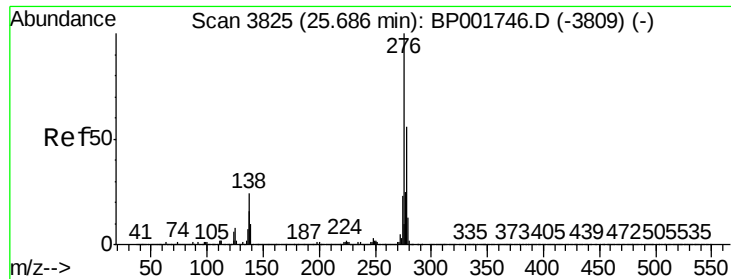
mohammad
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#91
Benzo(a)pyrene
Concen: 3.21 ng/ul
RT: 23.32 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BP001750.D
Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.7	8.9	13.3





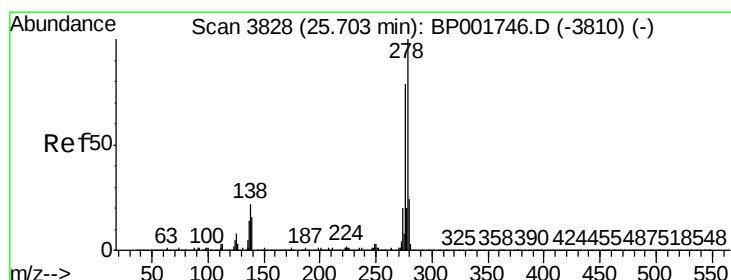
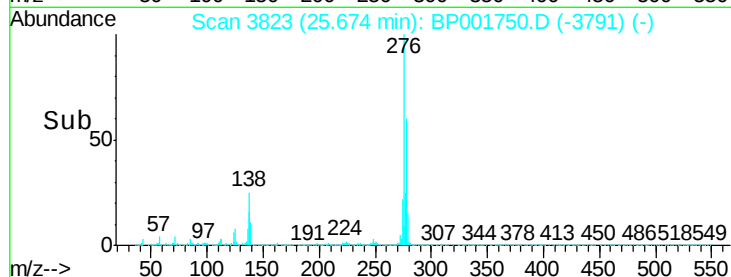
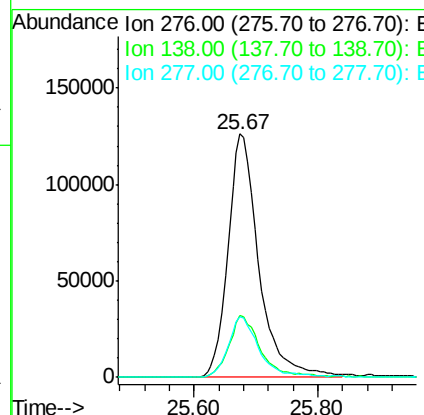
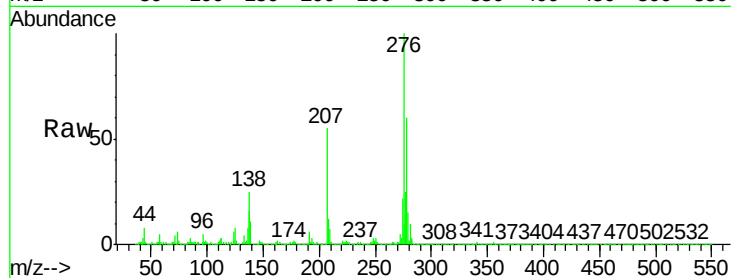
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.72 ng/ul
 RT: 25.67 min Scan# 3823
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.4	29.2
277	24.9	19.9	29.9

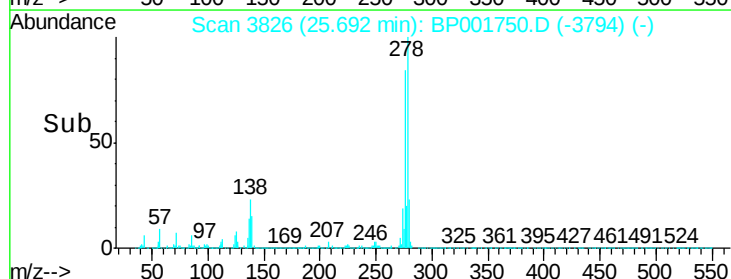
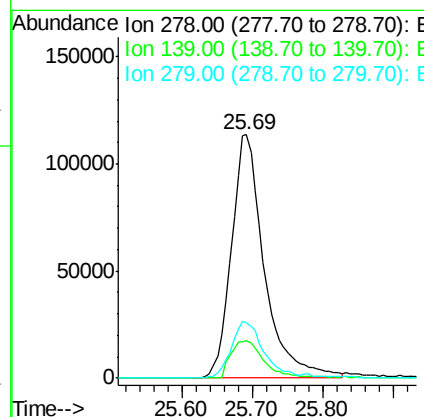
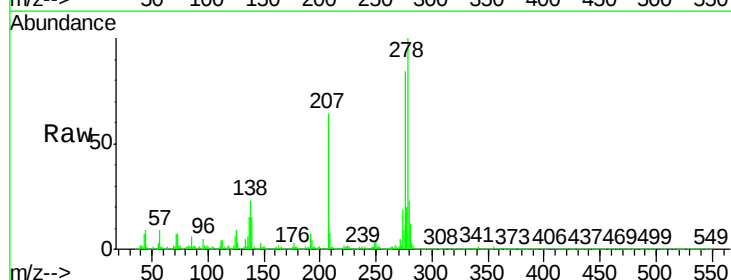
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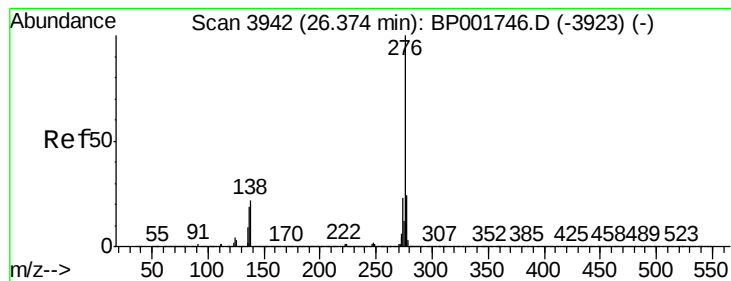
mohammad
 2/17/2020 3:50:44 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.73 ng/ul
 RT: 25.69 min Scan# 3826
 Delta R.T. -0.01 min
 Lab File: BP001750.D
 Acq: 14 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.9	19.3
279	22.7	18.7	28.1





#94

Benzo(g,h,i)perylene

Concen: 2.68 ng/ul

RT: 26.36 min Scan# 3939

Delta R.T. -0.02 min

Lab File: BP001750.D

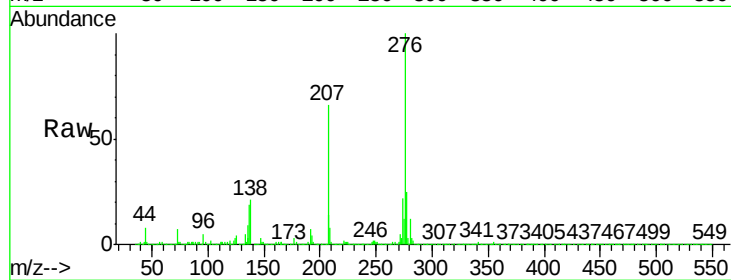
Acq: 14 Feb 2020 17:47

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03



Tgt	Ion:276	Resp:	367260
Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.0	25.4
277	24.7	19.0	28.4

Manual Integrations
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