

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030321\
 Data File : BP004890.D
 Acq On : 03 Mar 2021 13:12
 Operator : CG/JU
 Sample : M1534-02
 Misc : SOM-MDL-W-02
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Manual Integrations
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mohammad
 3/4/2021 11:33:22 AM

Quant Time: Mar 03 13:43:32 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	7.75	152	24278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	94841	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	63132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	142065	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	159103	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	161320	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2812	4.56	ng/uL	0.00
5) Phenol-d5	6.92	99	68992	34.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	40472	39.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	57600	37.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	56594	35.92	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	27238	39.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	31470	40.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	54462	37.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	73091	43.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.81	166	181991	39.40	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	216824	38.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	29232	35.38	ng/ul	0.00
58) Fluorene-d10	15.40	176	157471	40.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	31776	34.30	ng/ul	0.00
71) Anthracene-d10	17.26	188	247777	38.46	ng/ul	0.00
79) Pyrene-d10	19.50	212	288797	38.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	336867	40.74	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	958	1.427	ng/uL#	79
4) Benzaldehyde	6.89	77	5085	5.032	ng/ul	93
6) Phenol	6.95	94	7951	3.826	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.18	93	6241	4.080	ng/ul#	87
10) 2-Chlorophenol	7.31	128	6145m	3.847	ng/ul	
11) 2-Methylphenol	8.20	108	5249	3.386	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.28	45	3788	3.830	ng/ul#	92
14) Acetophenone	8.57	105	9591	3.683	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.56	70	4779	3.793	ng/ul#	89
16) 4-Methylphenol	8.52	108	6018	3.608	ng/ul	93
17) Hexachloroethane	8.82	117	2991	4.253	ng/ul#	72
20) Nitrobenzene	8.95	77	7947	4.243	ng/ul#	98
21) Isophorone	9.47	82	12207	3.809	ng/ul	98
23) 2-Nitrophenol	9.66	139	3407	3.904	ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	7207	3.719	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.96	93	8027	4.148	ng/ul#	90
27) 2,4-Dichlorophenol	10.19	162	5892	3.904	ng/ul	99
28) Naphthalene	10.59	128	19398	3.865	ng/ul	96
30) 4-Chloroaniline	10.70	127	7686	4.447	ng/ul	93
31) Hexachlorobutadiene	10.87	225	4429	4.006	ng/ul	93
32) Caprolactam	11.52	113	1551m	3.163	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	6050	3.520	ng/ul#	88
34) 2-Methylnaphthalene	12.21	142	13425	3.759	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.43	142	13517	3.895	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	8128	4.016	ng/ul	94
38) Hexachlorocyclopentadiene	12.56	237	4140	3.210	ng/ul#	86
39) 2,4,6-Trichlorophenol	12.83	196	4370	3.447	ng/ul	96
40) 2,4,5-Trichlorophenol	12.90	196	4942	3.638	ng/ul	88
41) 1,1'-Biphenyl	13.23	154	17768	3.759	ng/ul	93
42) 2-Chloronaphthalene	13.27	162	14165	3.813	ng/ul	98
43) 2-Nitroaniline	13.48	65	3216	3.025	ng/ul#	87
45) Dimethylphthalate	13.86	163	19174	4.039	ng/ul	96
46) 2,6-Dinitrotoluene	13.98	165	3118	3.284	ng/ul	94
48) Acenaphthylene	14.12	152	21251	3.925	ng/ul	96
49) 3-Nitroaniline	14.32	138	3085	3.559	ng/ul#	76
50) Acenaphthene	14.46	153	15373	3.911	ng/ul	97
51) 2,4-Dinitrophenol	14.52	184	1712	2.804	ng/ul#	80
53) 4-Nitrophenol	14.63	109	3816	4.254	ng/ul	88
54) Dibenzofuran	14.80	168	22280	3.916	ng/ul	97
55) 2,4-Dinitrotoluene	14.77	165	4806	3.436	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.03	232	4483	3.737	ng/ul#	93
57) Diethylphthalate	15.23	149	18450	3.843	ng/ul#	95
59) Fluorene	15.45	166	18279	3.852	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.45	204	9726	3.892	ng/ul	96
61) 4-Nitroaniline	15.48	138	2940	2.969	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.53	198	3629	3.865	ng/ul#	77
65) N-Nitrosodiphenylamine	15.67	169	15749	3.776	ng/ul	96
66) 4-Bromophenyl-phenylether	16.35	248	5653	3.761	ng/ul	95
67) Hexachlorobenzene	16.46	284	6382	3.700	ng/ul	97
68) Atrazine	16.63	200	5081	3.108	ng/ul	90
69) Pentachlorophenol	16.81	266	2738	2.590	ng/ul	96
70) Phenanthrene	17.20	178	28425m	3.681	ng/ul	
72) Anthracene	17.29	178	30024	3.809	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	8183	3.869	ng/uL	96
74) Pentachlorobenzene	14.72	250	7821	3.796	ng/uL	95
75) Carbazole	17.57	167	23993	3.461	ng/ul	99
76) Di-n-butylphthalate	18.12	149	27524	3.359	ng/ul	99
77) Fluoranthene	19.17	202	33910	3.661	ng/ul	100
80) Pvrene	19.53	202	38725	3.940	ng/ul	96
81) Butylbenzylphthalate	20.40	149	11905	3.105	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	12201	3.682	ng/ul	92
83) Benzo(a)anthracene	21.23	228	37666	3.831	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	18388	3.209	ng/ul	95
85) Chrysene	21.28	228	37801	3.947	ng/ul	97
87) Di-n-octyl phthalate	22.05	149	31415	2.893	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	38227	3.727	ng/ul	95
89) Benzo(k)fluoranthene	22.89	252	38662	3.812	ng/ul	99
91) Benzo(a)pyrene	23.44	252	33329	3.701	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	43868	3.806	ng/ul	98
93) Dibenzo(a,h)anthracene	25.92	278	37035	3.778	ng/ul	95
94) Benzo(a,h,i)perylene	26.63	276	36879	3.843	ng/ul#	92

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MDL-WATER-02

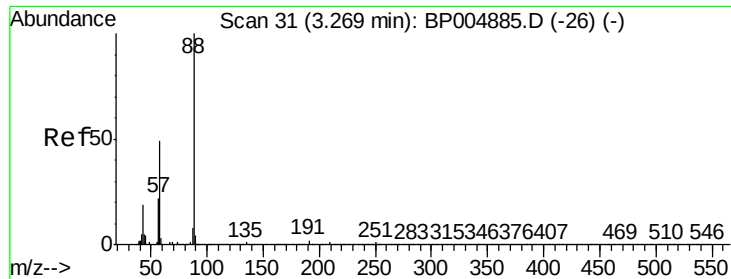
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.427 ng/uL

RT: 3.26 min Scan# 30

Delta R.T. -0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

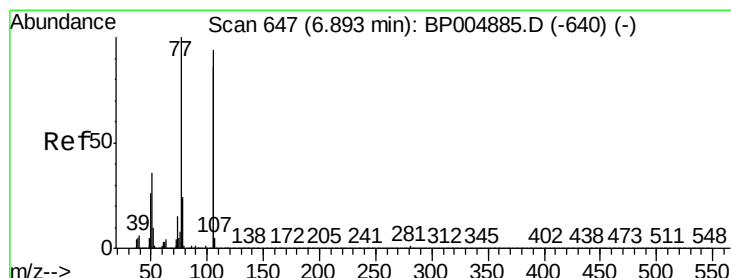
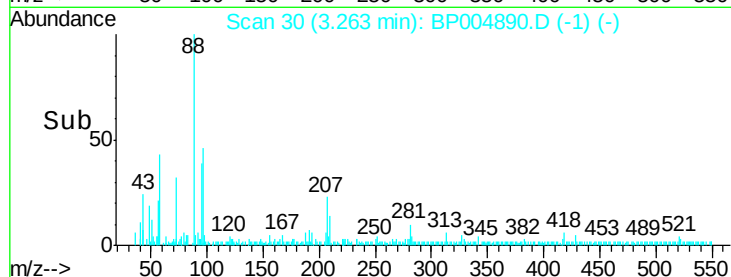
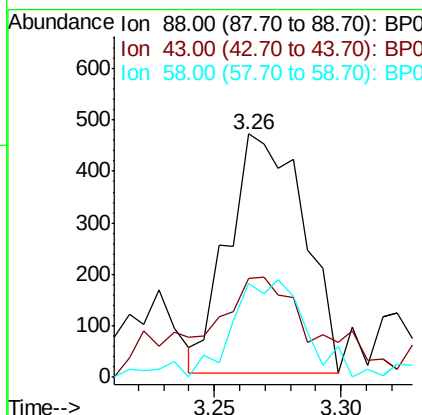
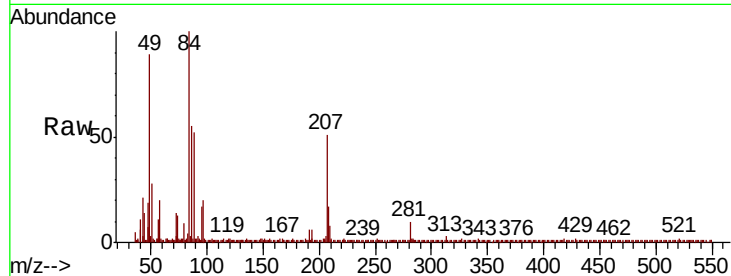
ClientSampleId :

MDL-WATER-02

Tot Ion:	88	Resp:	958
Ion	Ratio	Lower	Upper
88	100		
43	40.6	20.9	31.3#
58	38.7	41.0	61.4#

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#4

Benzaldehyde

Concen: 5.032 ng/uL

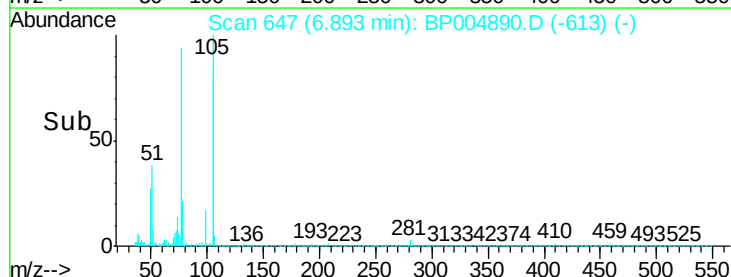
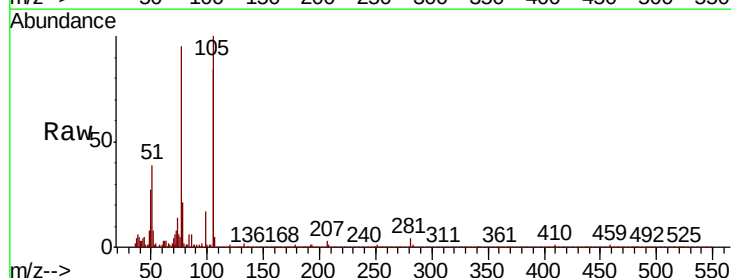
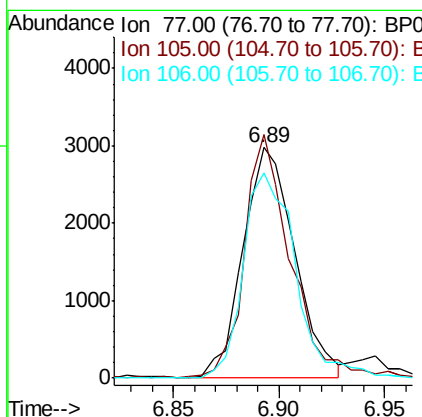
RT: 6.89 min Scan# 647

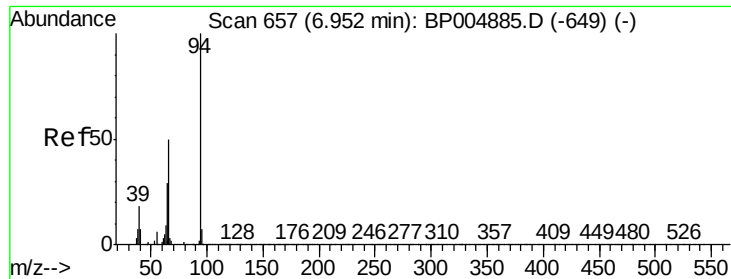
Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	77	Resp:	5085
Ion	Ratio	Lower	Upper
77	100		
105	105.6	75.4	113.2
106	89.3	69.7	104.5





#6

Phenol

Concen: 3.826 ng/ul

RT: 6.95 min Scan# 657

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

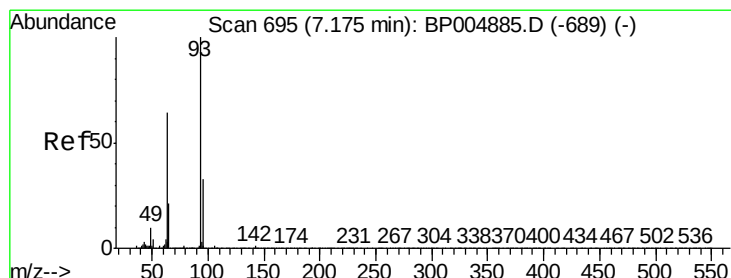
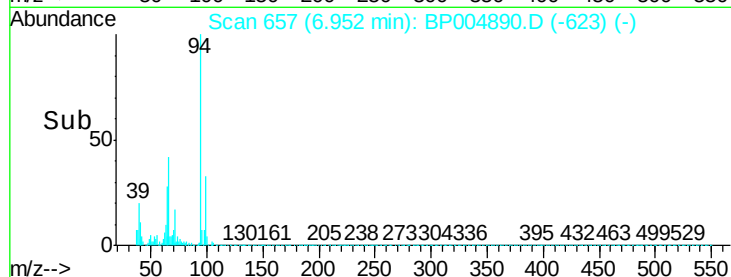
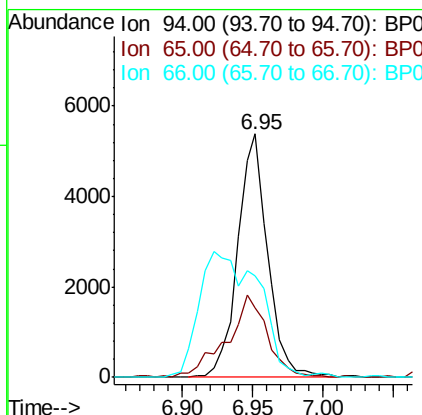
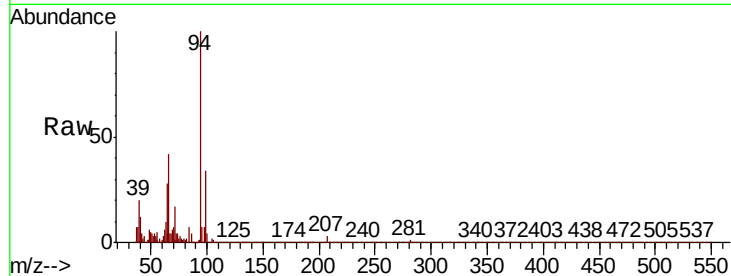
ClientSampleId :

MDL-WATER-02

Tot Ion:	94	Resp:	7951
Ion	Ratio	Lower	Upper
94	100		
65	28.4	22.8	34.2
66	41.7	37.8	56.8

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 4.080 ng/ul

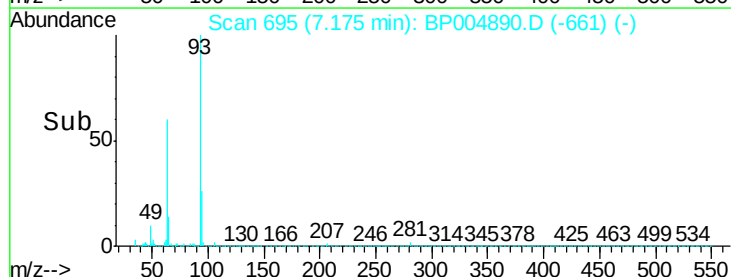
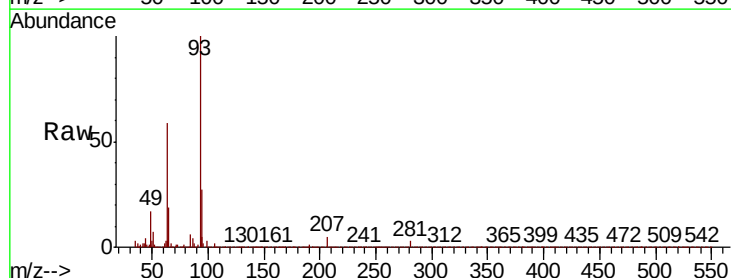
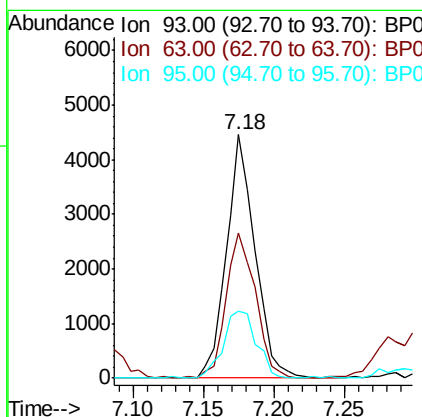
RT: 7.18 min Scan# 695

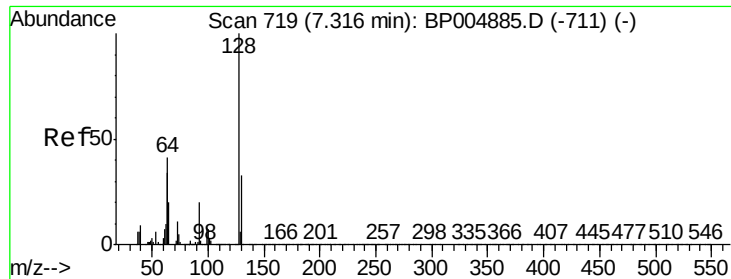
Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	93	Resp:	6241
Ion	Ratio	Lower	Upper
93	100		
63	59.5	56.0	84.0
95	27.4	27.8	41.8#





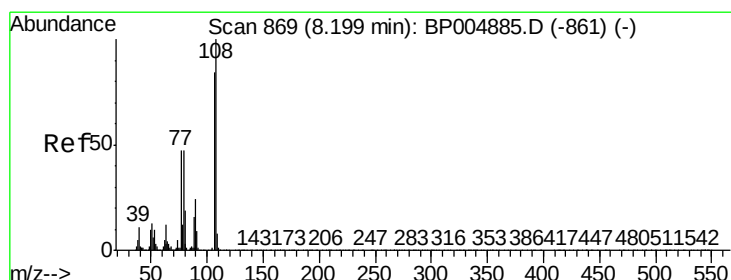
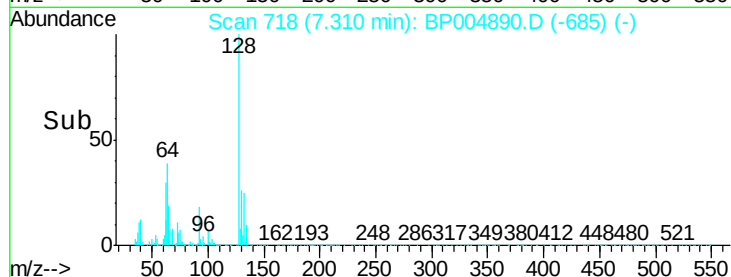
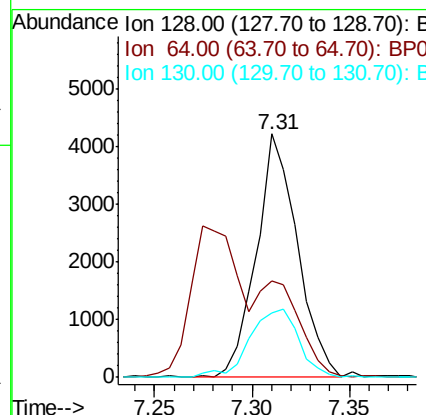
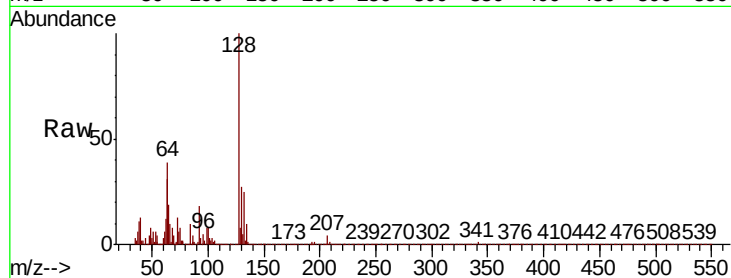
#10
2-Chlorophenol
Concen: 3.847 ng/ul m
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
128	100		
64	39.4	34.8	52.2
130	26.6	28.6	43.0

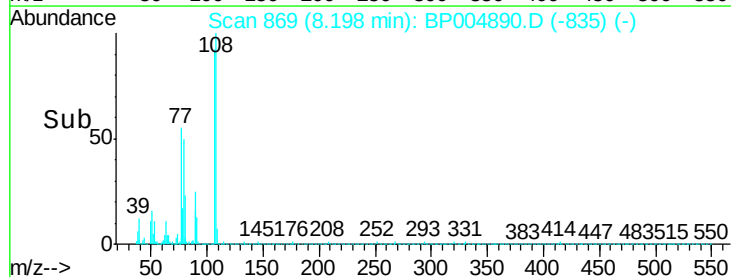
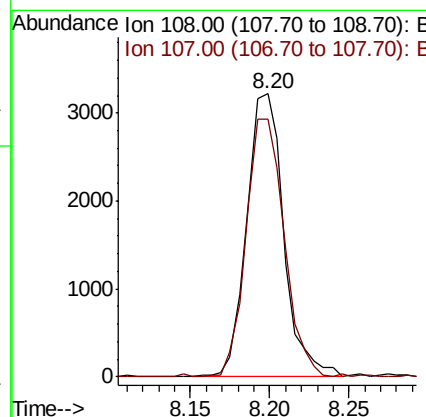
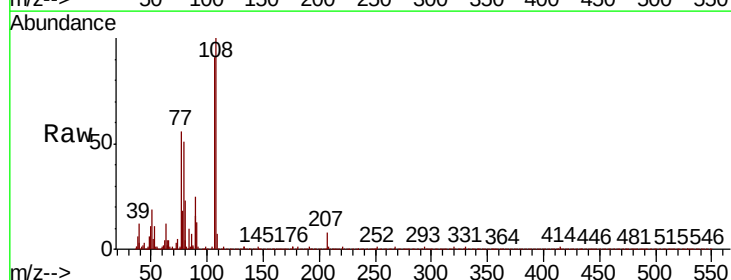
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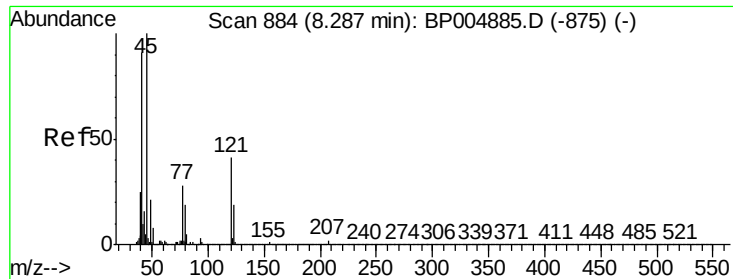
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#11
2-Methylphenol
Concen: 3.386 ng/ul
RT: 8.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.3	68.8	103.2





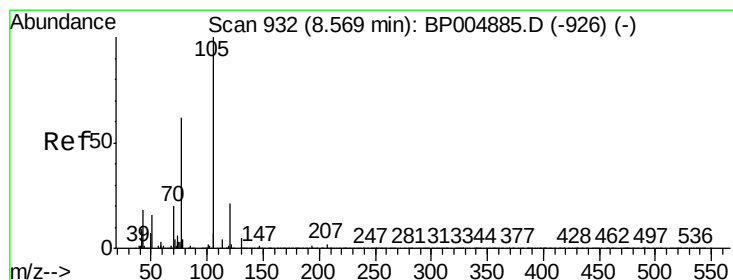
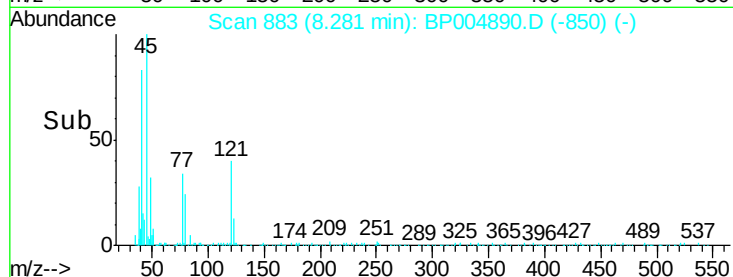
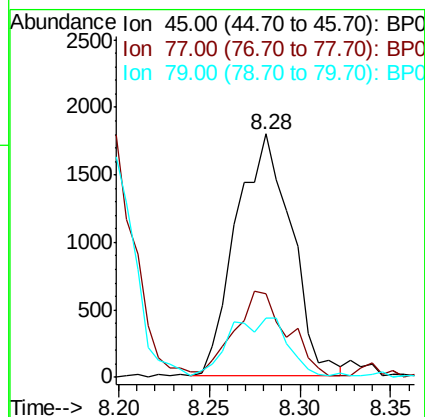
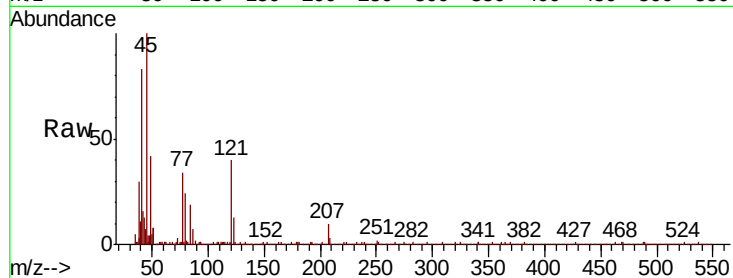
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.830 ng/ul
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP004890.D
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Instrument :
BNA_P
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MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
45	100		
77	34.3	21.8	32.8#
79	24.4	18.6	27.8

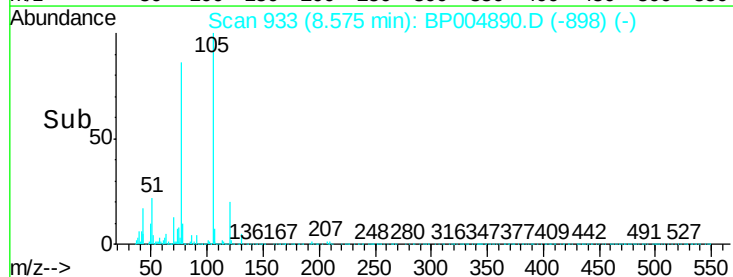
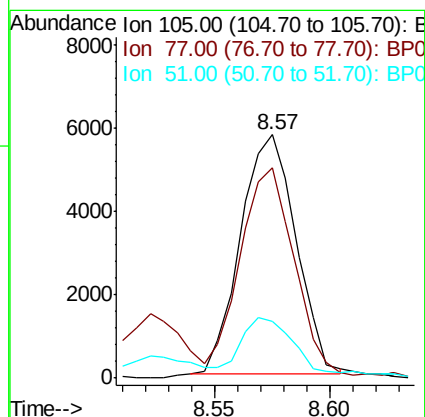
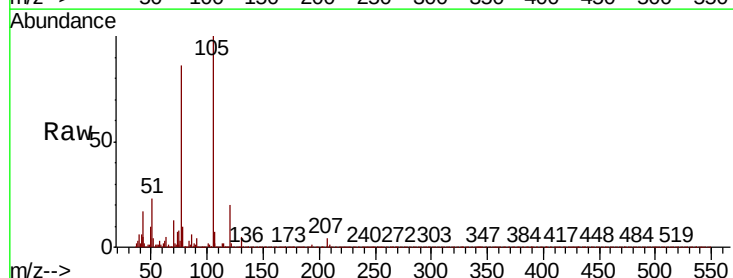
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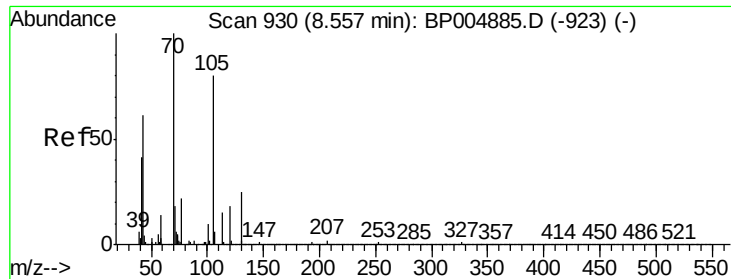
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#14
Acetophenone
Concen: 3.683 ng/ul
RT: 8.57 min Scan# 933
Delta R.T. 0.01 min
Lab File: BP004890.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	86.3	64.4	96.6
51	23.4	19.1	28.7





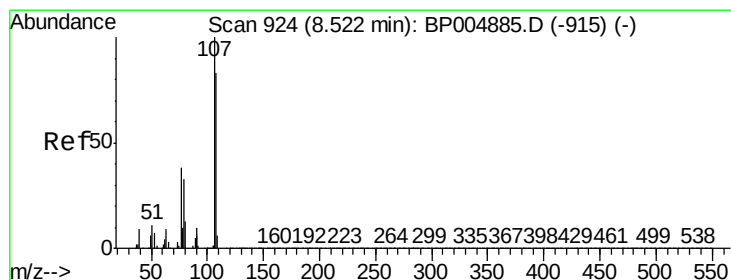
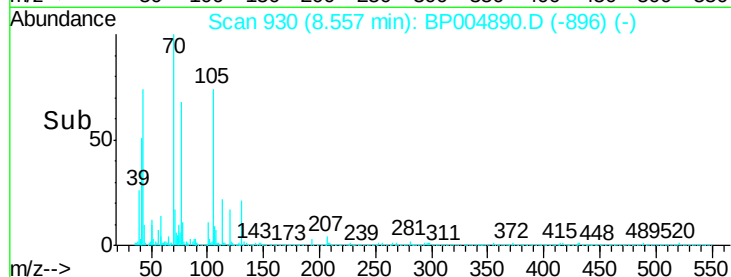
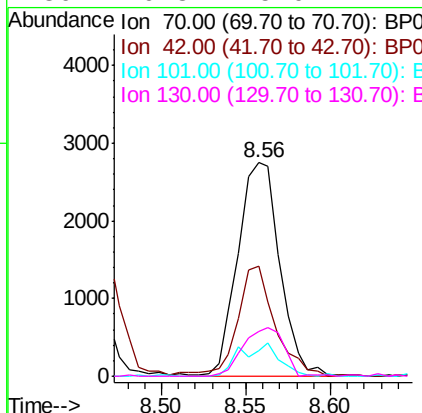
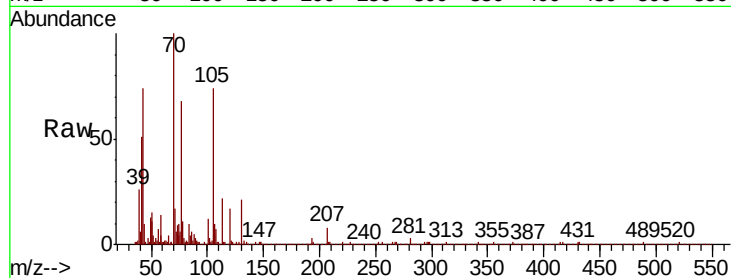
#15
N-Nitroso-di-n-propylamine
Concen: 3.793 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

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ClientSampleId :
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Tot Ion:	70	Resp:	4779
Ion Ratio	Lower	Upper	
70	100		
42	51.5	33.1	49.7#
101	11.8	8.5	12.7
130	20.8	15.0	22.4

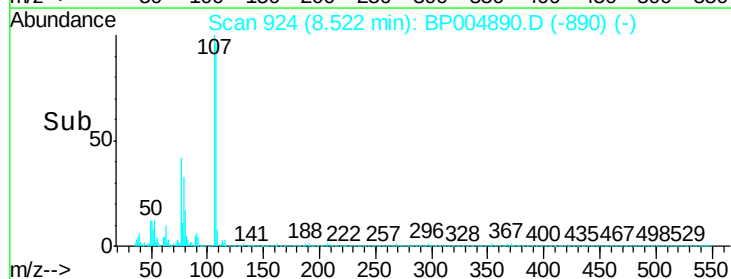
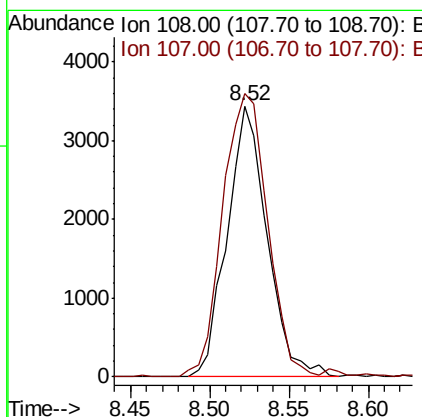
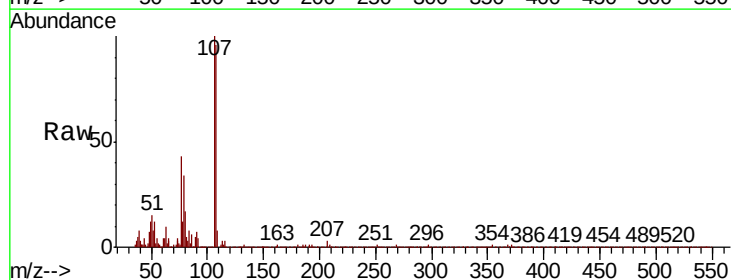
Manual Integrations
APPROVED

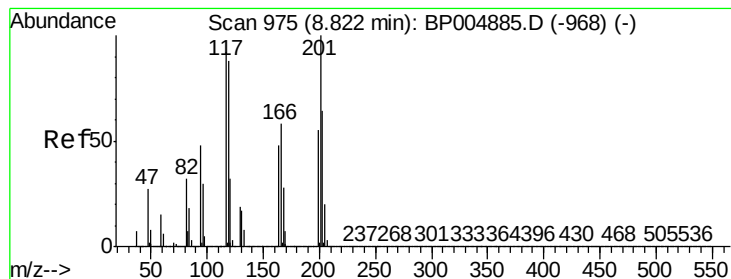
mohammad
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#16
4-Methylphenol
Concen: 3.608 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion:	108	Resp:	6018
Ion Ratio	Lower	Upper	
108	100		
107	104.5	89.2	133.8





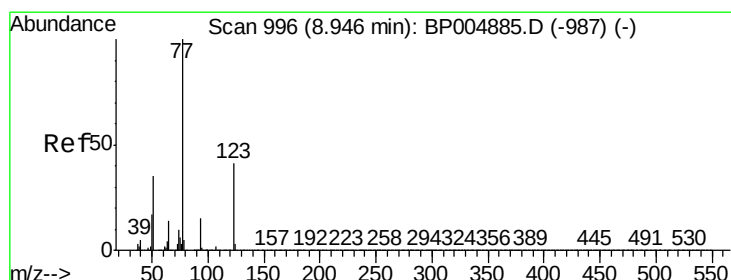
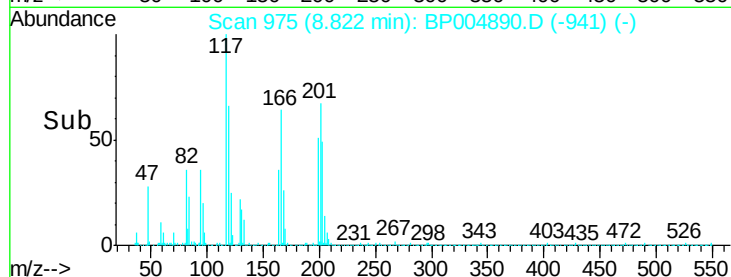
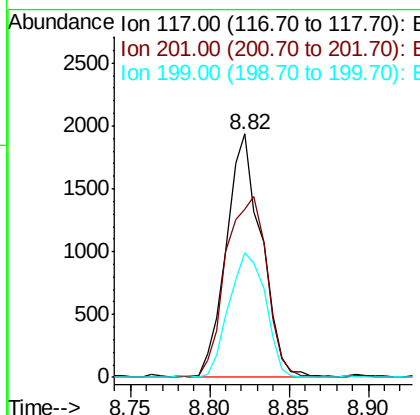
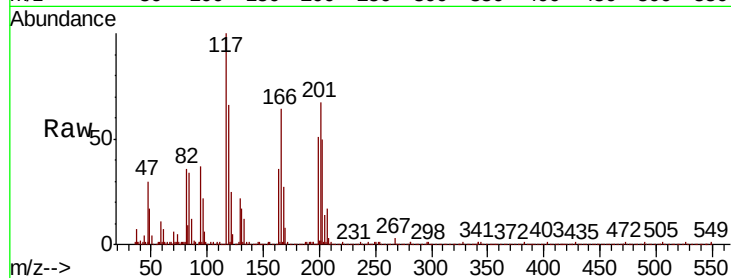
#17
Hexachloroethane
Concen: 4.253 ng/ul
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
117	100		
201	69.2	86.7	130.1#
199	51.1	48.2	72.4

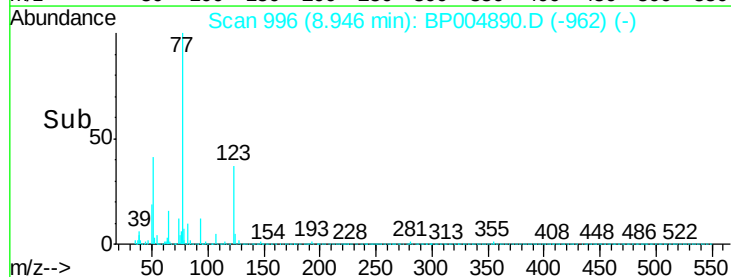
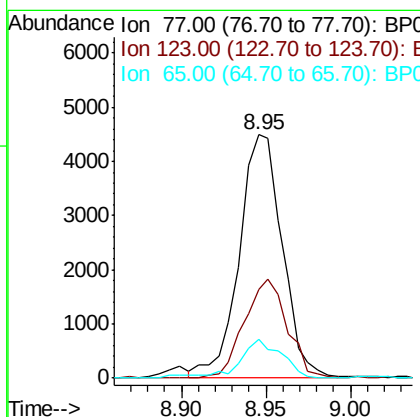
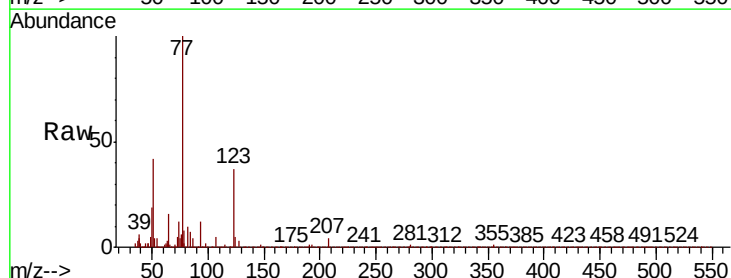
Manual Integrations
APPROVED

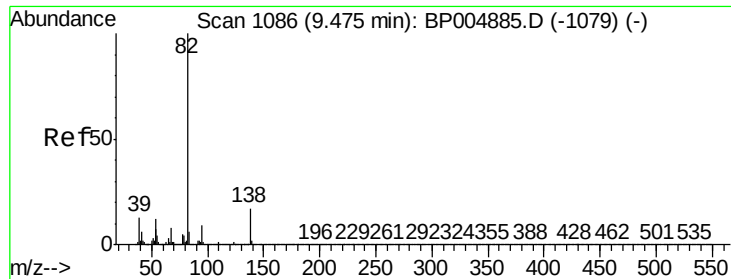
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#20
Nitrobenzene
Concen: 4.243 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	29.4	44.2
65	15.7	9.8	14.6#





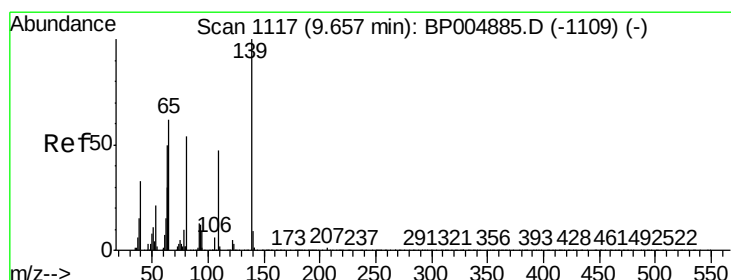
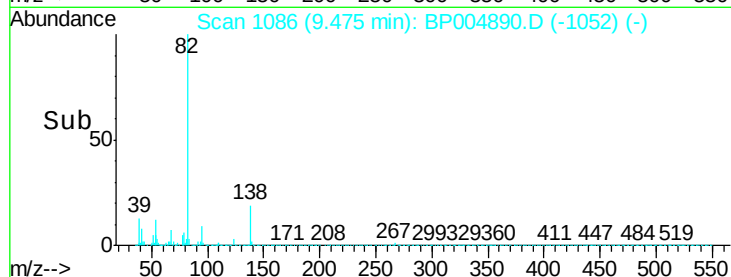
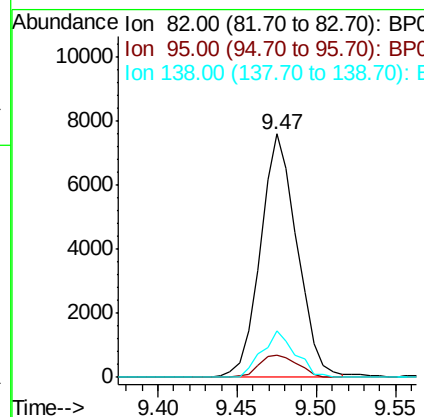
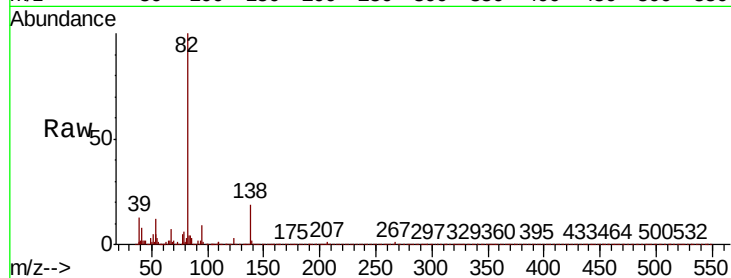
#21
Isophorone
Concen: 3.809 ng/ul
RT: 9.47 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.6	9.8
138	19.1	14.6	22.0

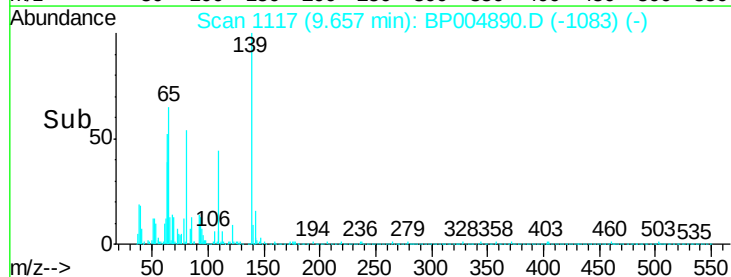
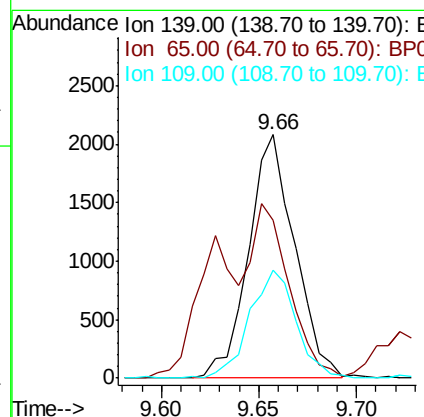
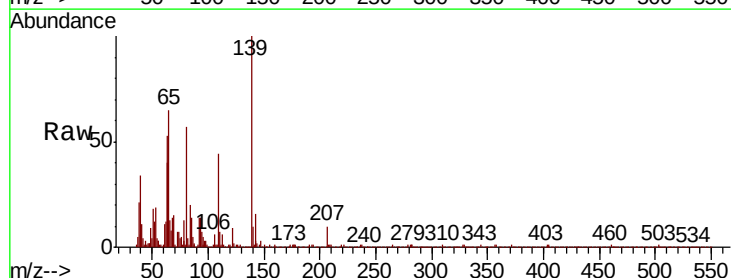
Manual Integrations
APPROVED

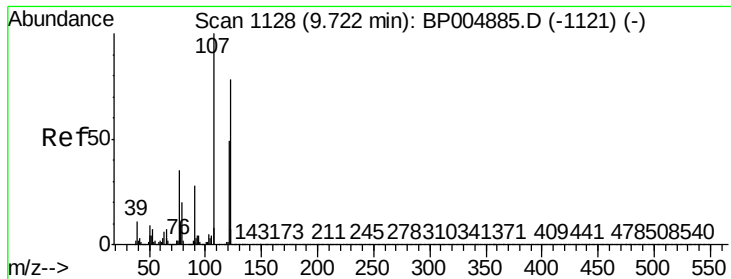
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#23
2-Nitrophenol
Concen: 3.904 ng/ul
RT: 9.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
65	64.9	49.4	74.2
109	44.3	37.1	55.7





#24

2,4-Dimethylphenol

Concen: 3.719 ng/ul

RT: 9.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

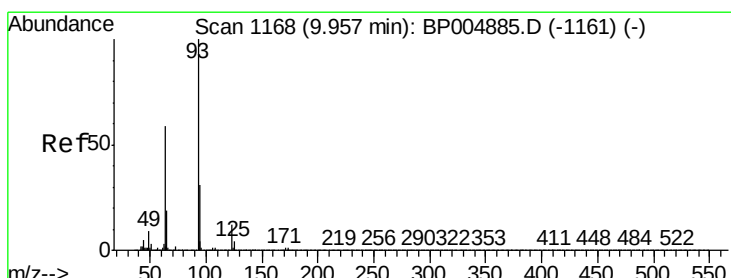
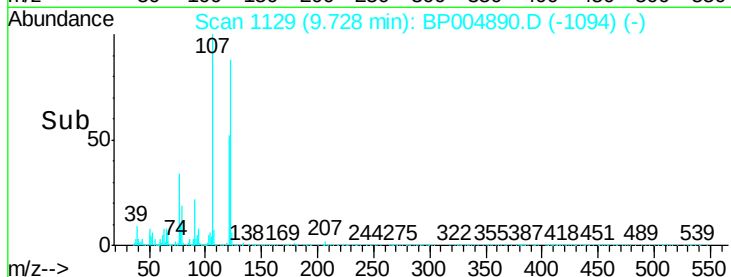
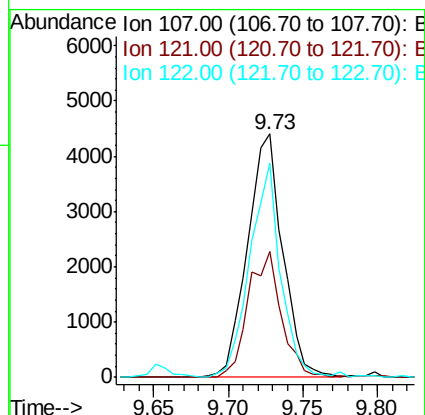
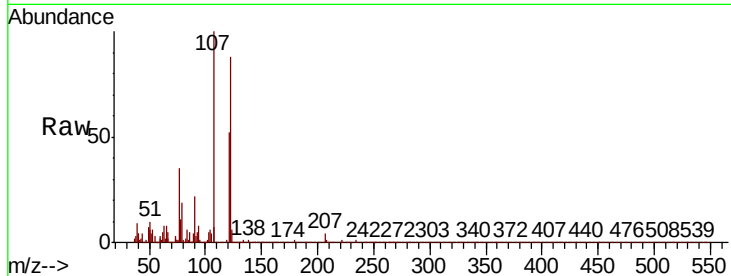
ClientSampleId :

MDL-WATER-02

Tot Ion:	107	Resp:	7207
Ion Ratio	Lower	Upper	
107	100		
121	51.7	37.1	55.7
122	87.8	61.8	92.8

Manual Integrations
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#25

Bis(2-Chloroethoxy)methane

Concen: 4.148 ng/ul

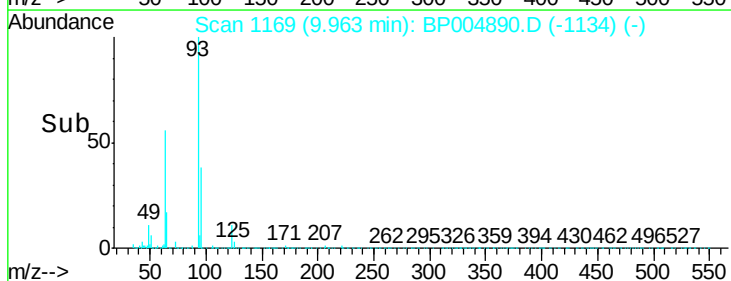
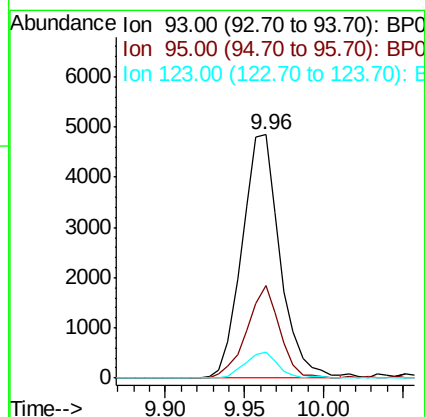
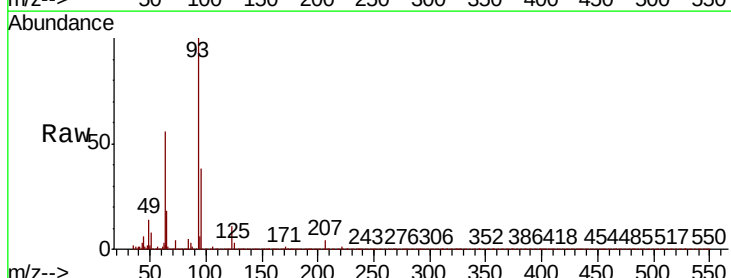
RT: 9.96 min Scan# 1169

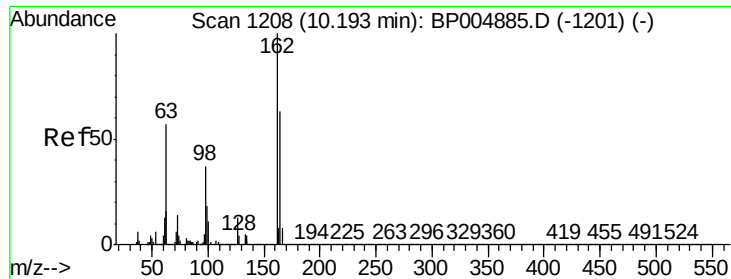
Delta R.T. 0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	93	Resp:	8027
Ion Ratio	Lower	Upper	
93	100		
95	37.9	24.3	36.5#
123	10.7	8.6	13.0





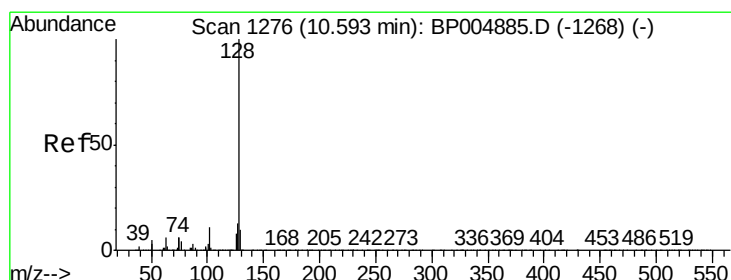
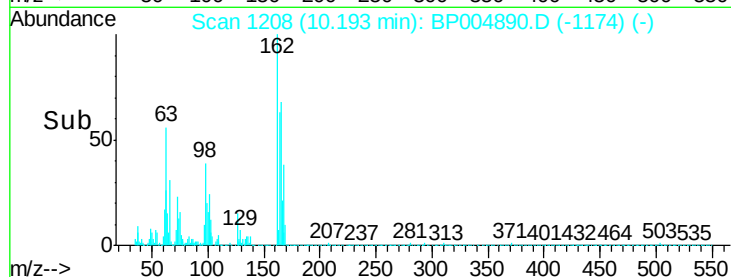
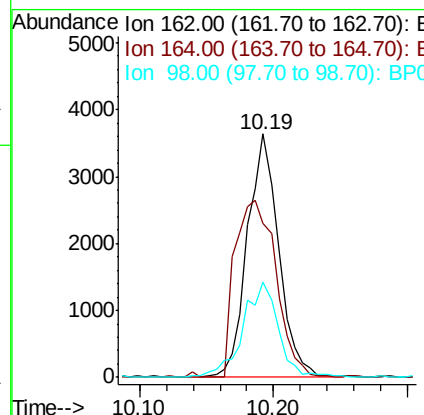
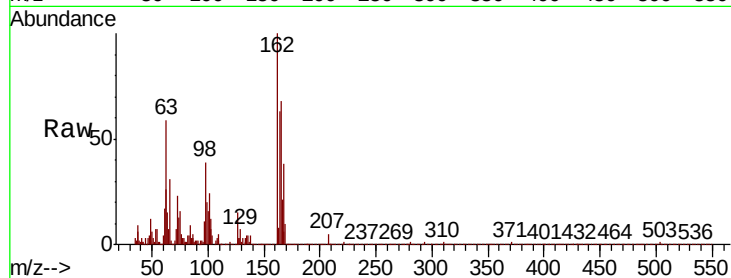
#27
 2,4-Dichlorophenol
 Concen: 3.904 ng/ul
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion:	162	Resp:	5892
Ion Ratio	Lower	Upper	
162	100		
164	63.4	51.8	77.6
98	39.3	32.0	48.0

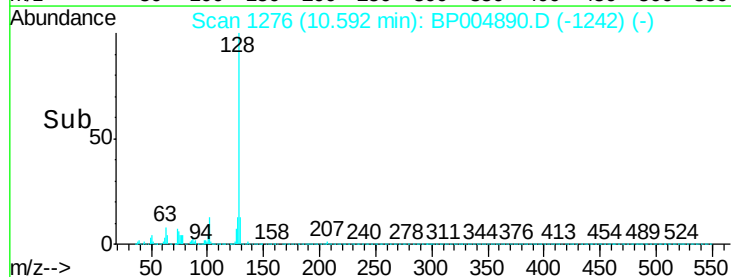
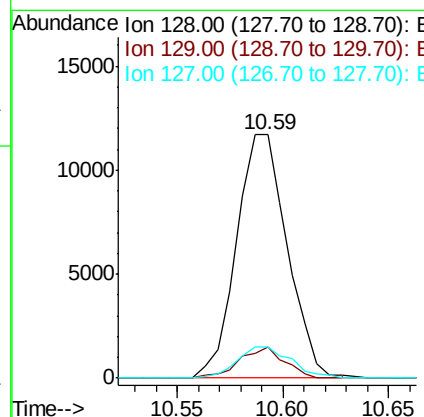
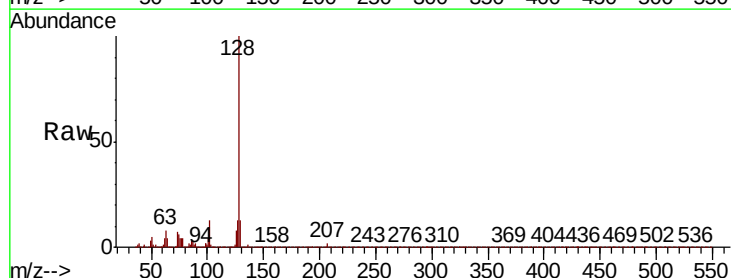
Manual Integrations
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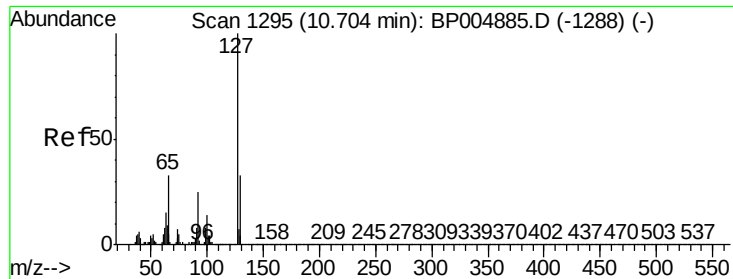
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#28
 Naphthalene
 Concen: 3.865 ng/ul
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion:	128	Resp:	19398
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.0	13.6
127	12.7	11.4	17.2





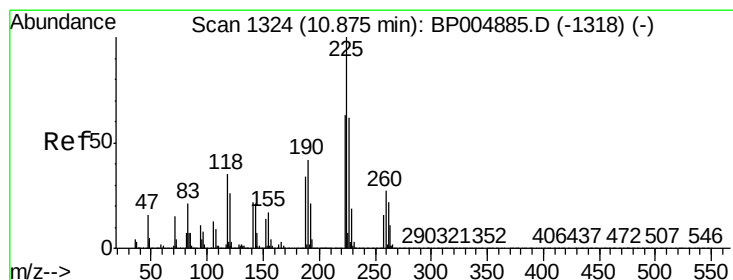
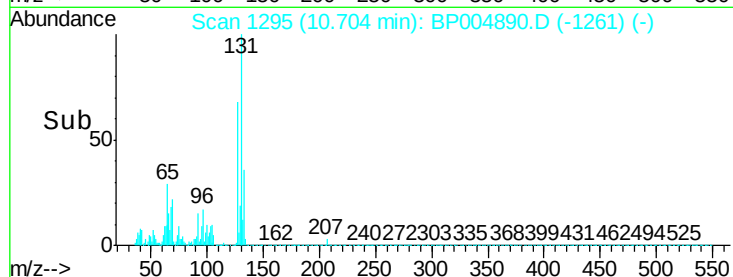
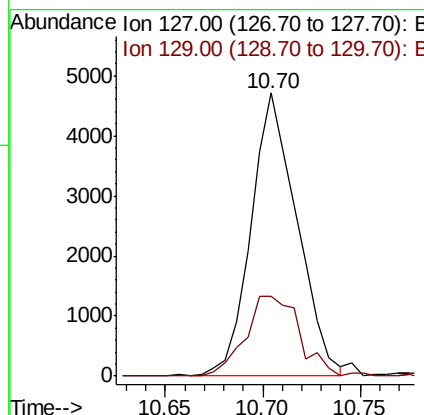
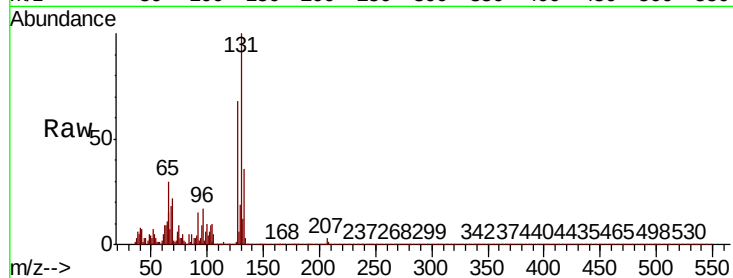
#30
4-Chloroaniline
Concen: 4.447 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.4	25.6	38.4

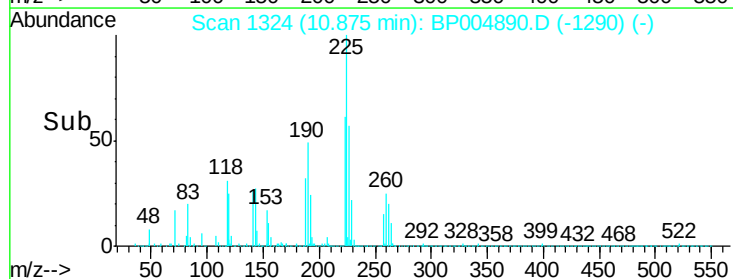
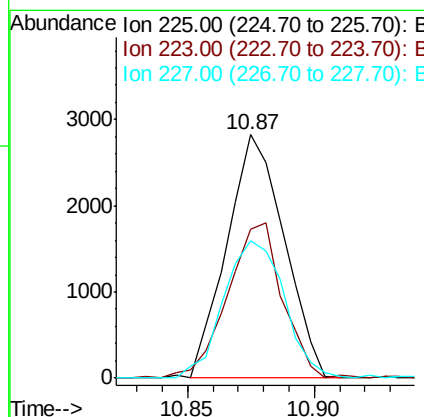
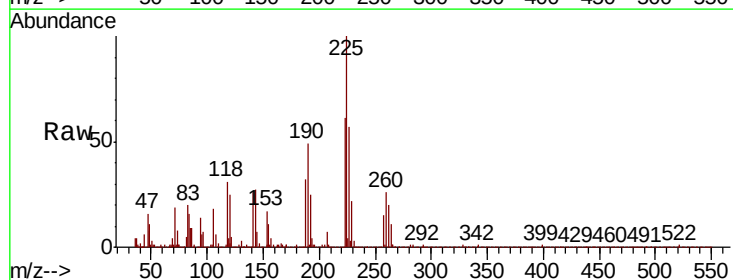
Manual Integrations
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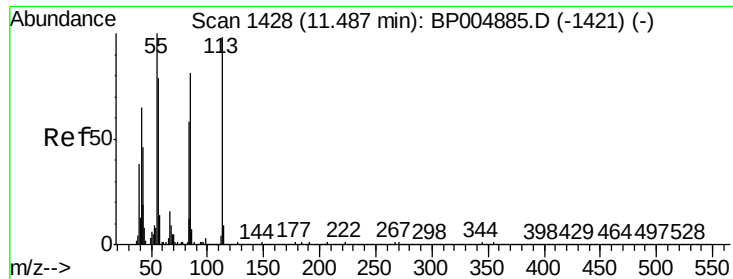
mohammad
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#31
Hexachlorobutadiene
Concen: 4.006 ng/ul
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.2	76.8
227	56.5	51.4	77.2





#32

Caprolactam

Concen: 3.163 ng/ul m

RT: 11.52 min Scan# 1433

Delta R.T. 0.03 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

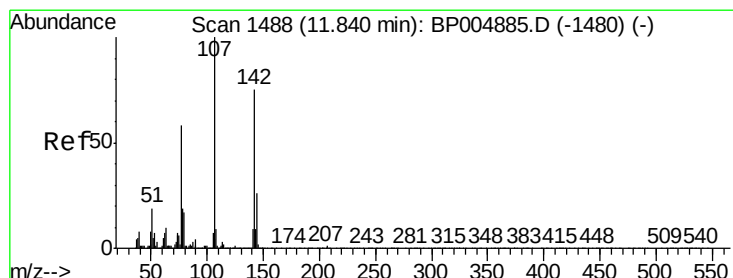
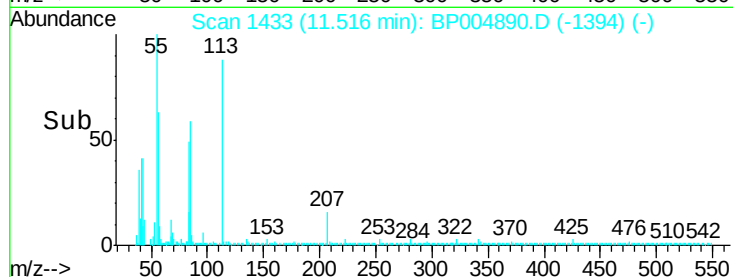
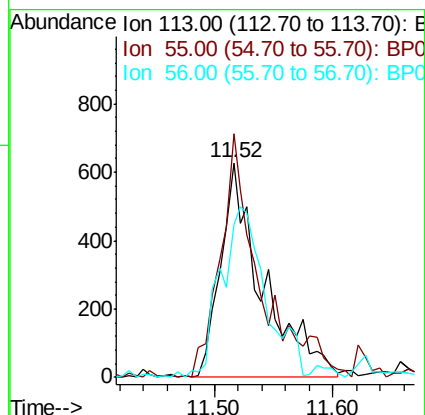
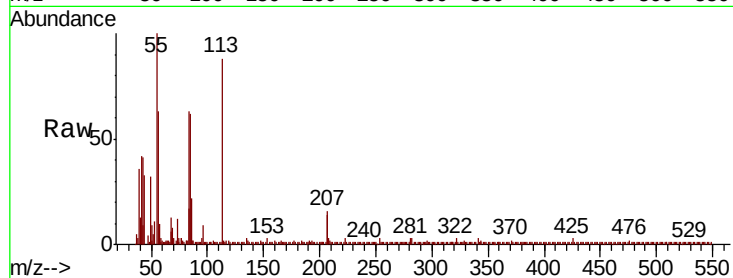
ClientSampleId :

MDL-WATER-02

Tot Ion:	113	Resp:	1551
Ion Ratio	Lower	Upper	
113	100		
55	113.6	69.5	104.3#
56	71.3	65.8	98.6

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#33

4-Chloro-3-methylphenol

Concen: 3.520 ng/ul

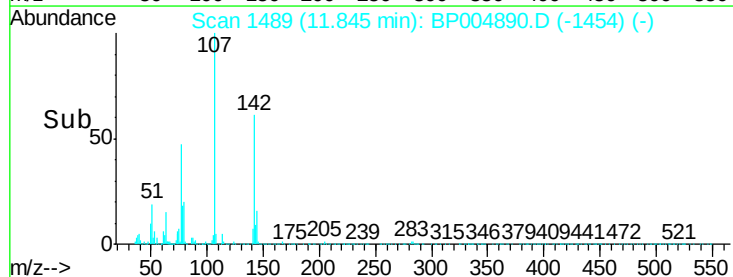
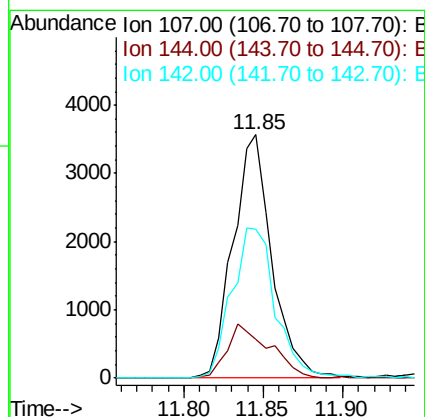
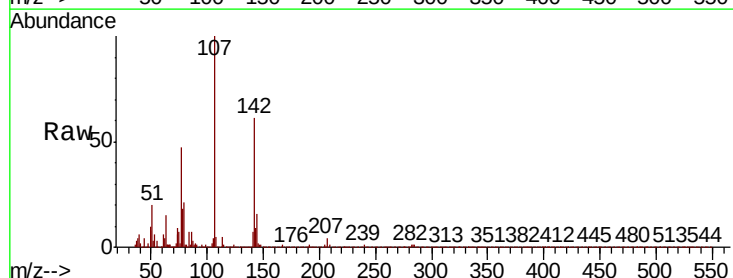
RT: 11.85 min Scan# 1489

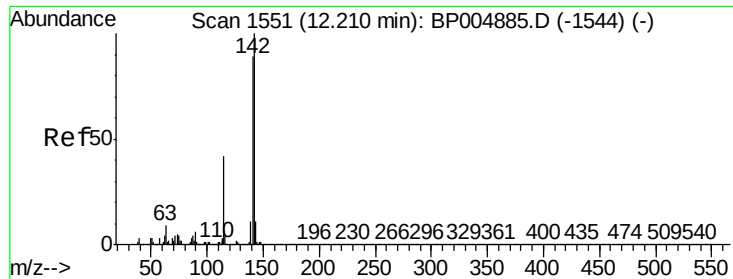
Delta R.T. 0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	107	Resp:	6050
Ion Ratio	Lower	Upper	
107	100		
144	15.9	17.3	25.9#
142	61.0	56.6	84.8





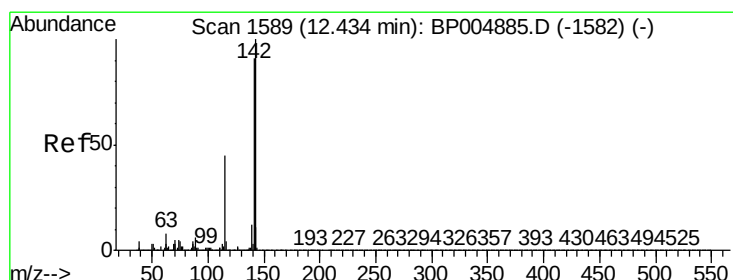
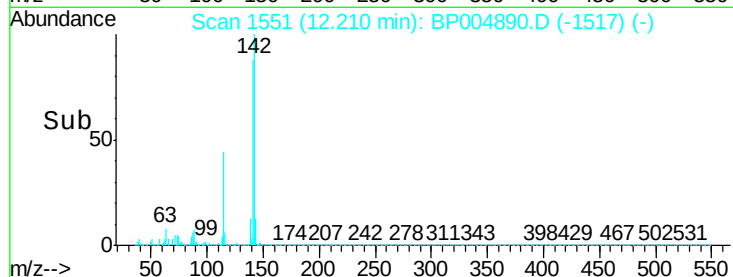
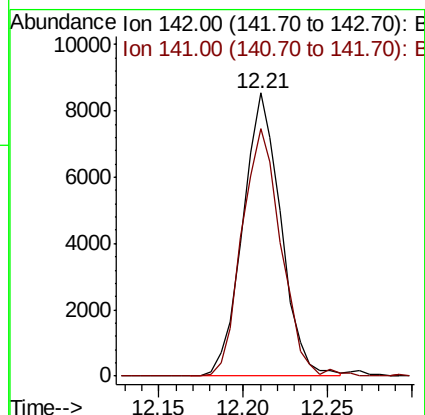
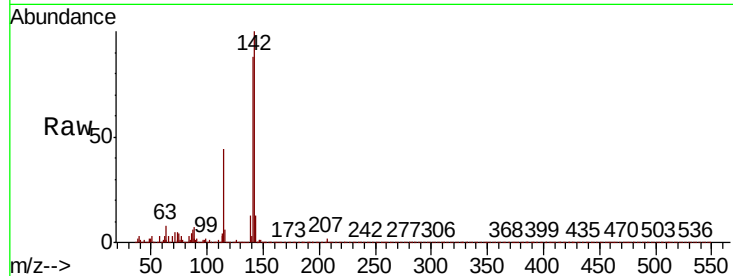
#34
2-Methylnaphthalene
Concen: 3.759 ng/ul
RT: 12.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.4	104.2

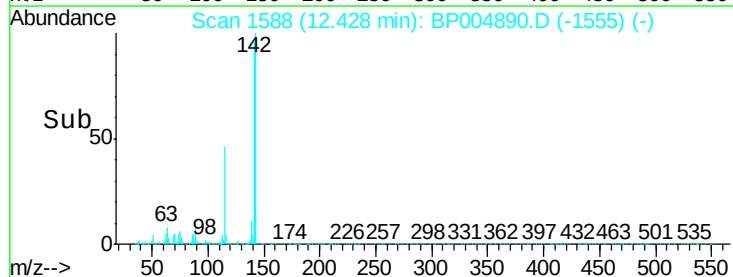
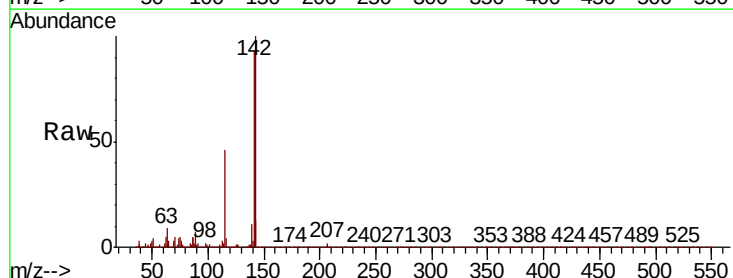
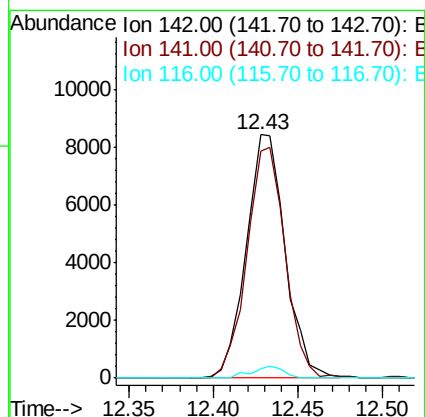
Manual Integrations
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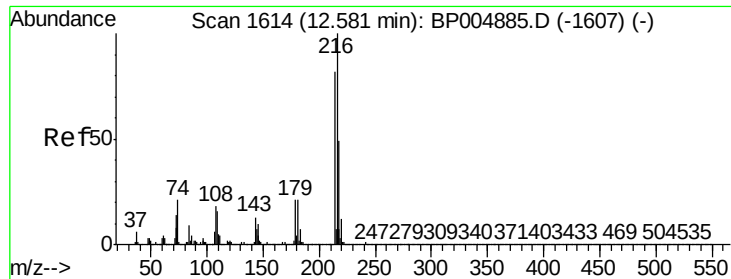
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#35
1-Methylnaphthalene
Concen: 3.895 ng/ul
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.5	107.3
116	3.9	3.4	5.0





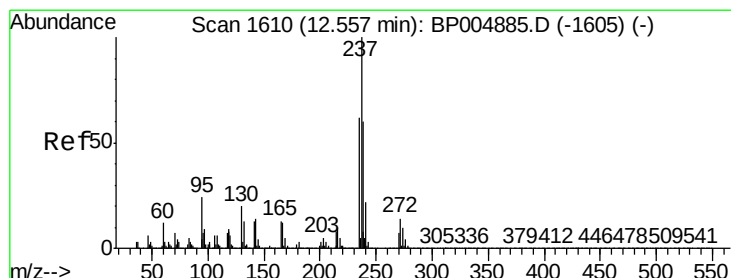
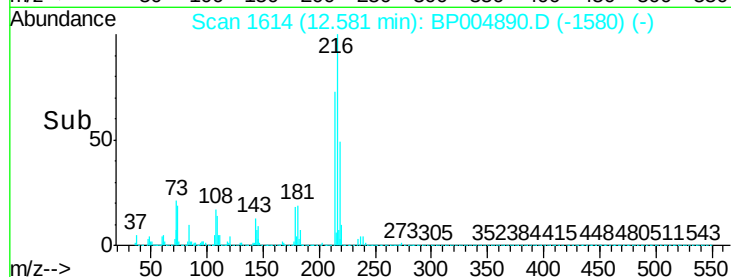
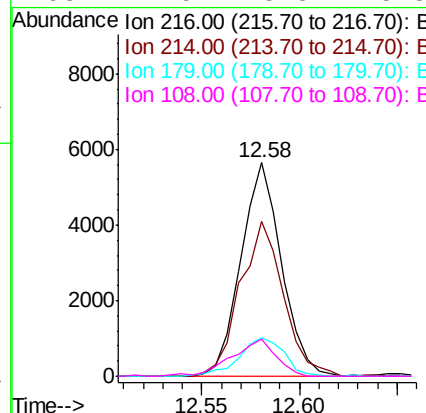
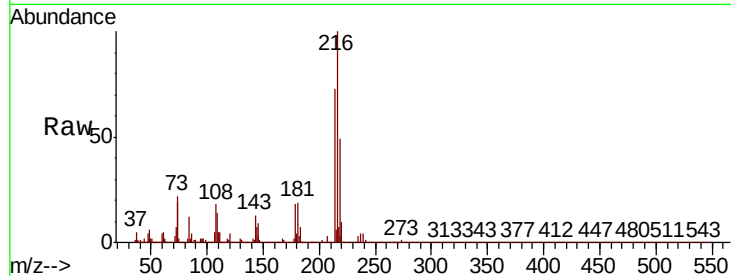
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.016 ng/ul
 RT: 12.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	72.7	62.3	93.5		
179	17.8	17.2	25.8		
108	17.5	15.5	23.3		

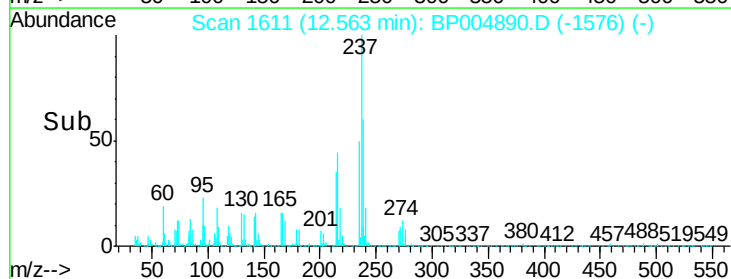
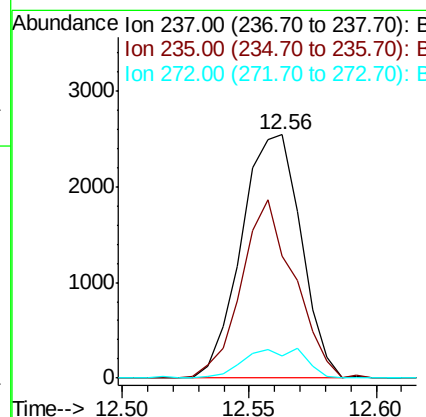
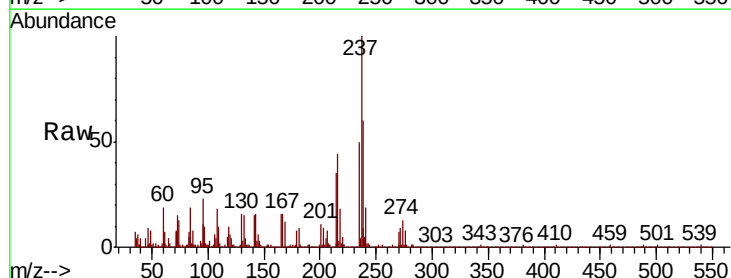
Manual Integrations
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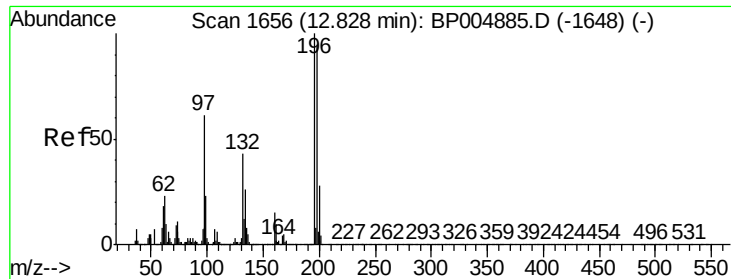
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#38
 Hexachlorocyclopentadiene
 Concen: 3.210 ng/ul
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	50.3	49.4	74.0		
272	9.4	10.6	15.8		





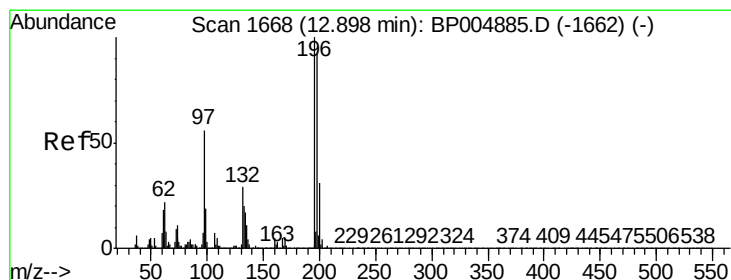
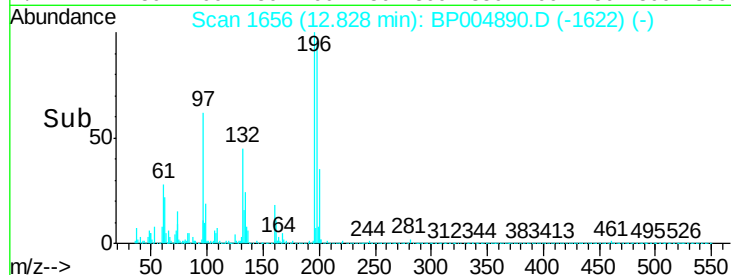
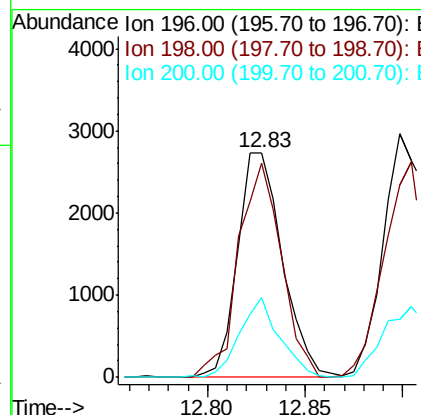
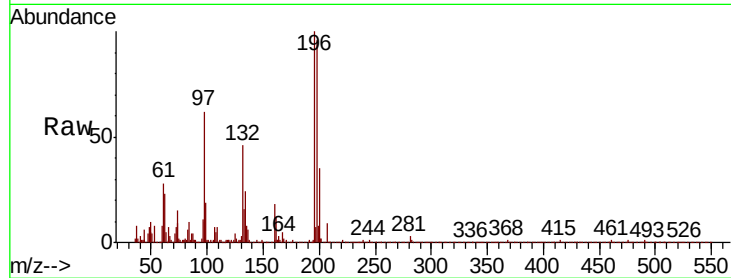
#39
 2,4,6-Trichlorophenol
 Concen: 3.447 ng/ul
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.0	117.0
200	35.4	23.8	35.8

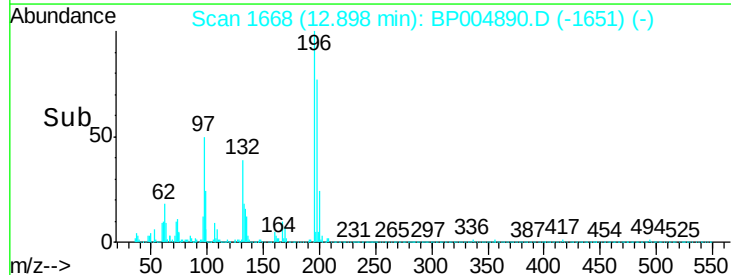
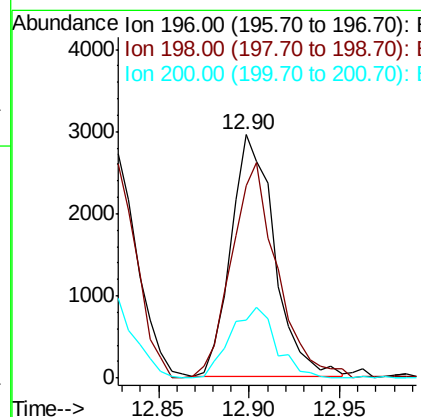
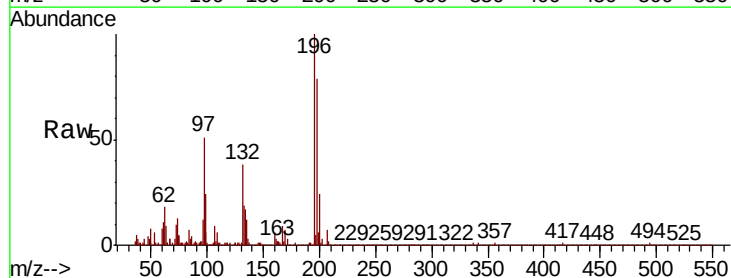
Manual Integrations
 APPROVED

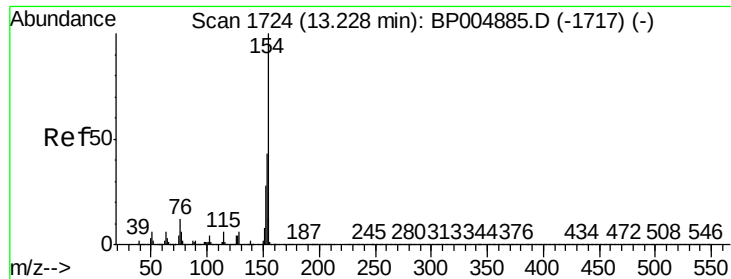
mohammad
 3/4/2021 11:33:22 AM



#40
 2,4,5-Trichlorophenol
 Concen: 3.638 ng/ul
 RT: 12.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	79.0	72.8	109.2
200	23.8	23.7	35.5





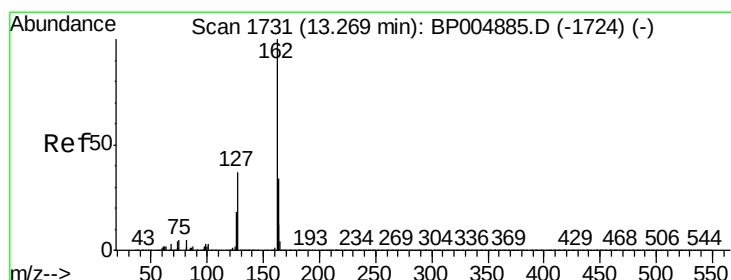
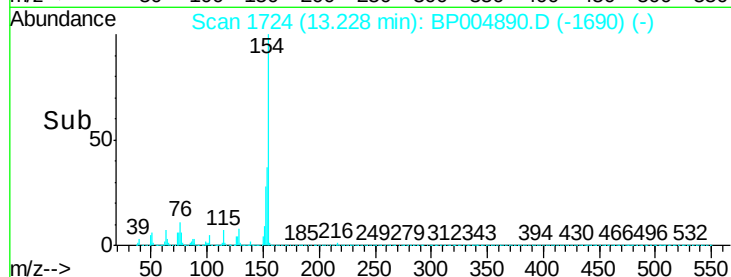
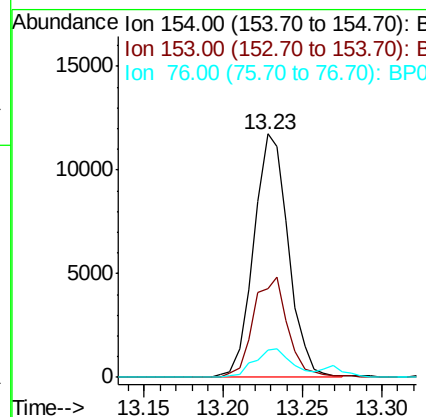
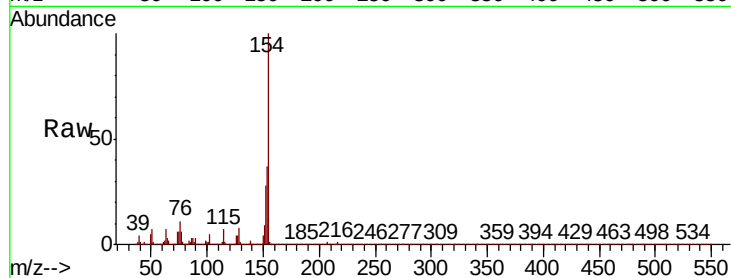
#41
1,1'-Biphenyl
Concen: 3.759 ng/ul
RT: 13.23 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion:	154	Resp:	17768
Ion Ratio	Lower	Upper	
154	100		
153	36.7	33.2	49.8
76	11.2	9.8	14.6

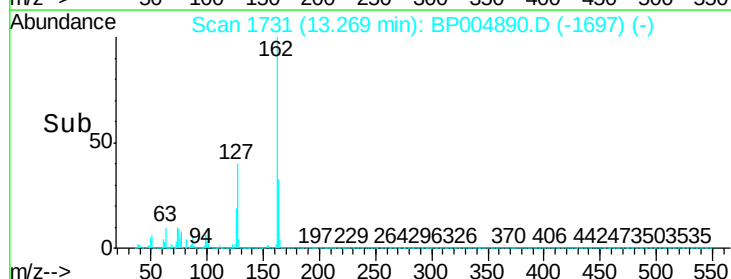
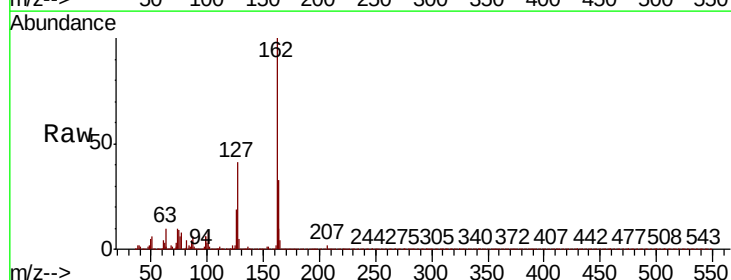
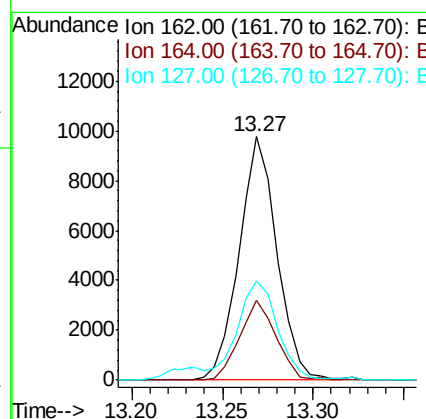
Manual Integrations
APPROVED

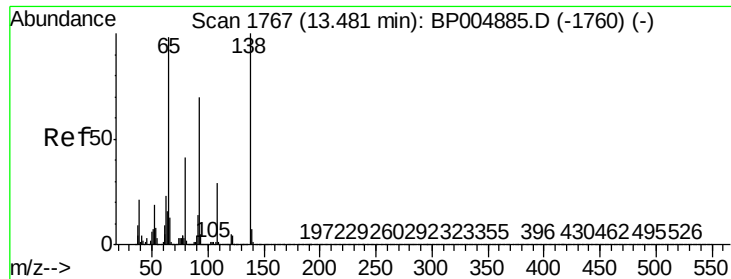
mohammad
3/4/2021 11:33:22 AM



#42
2-Chloronaphthalene
Concen: 3.813 ng/ul
RT: 13.27 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion:	162	Resp:	14165
Ion Ratio	Lower	Upper	
162	100		
164	32.8	25.7	38.5
127	40.7	33.5	50.3





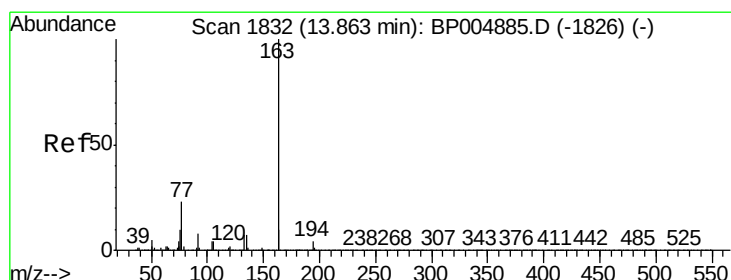
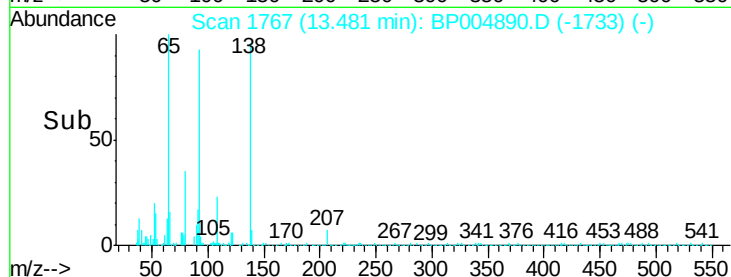
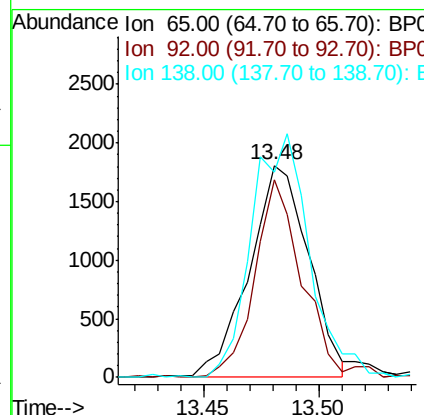
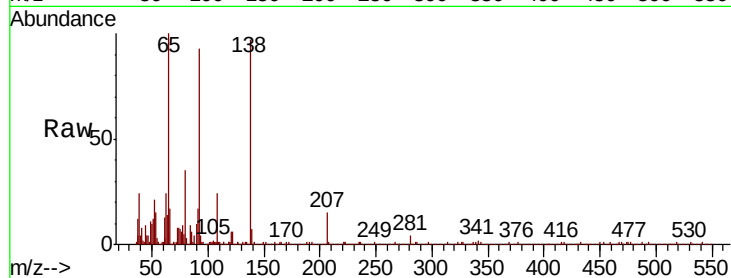
#43
2-Nitroaniline
Concen: 3.025 ng/ul
RT: 13.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	93.1	55.3	82.9#
138	97.1	79.0	118.6

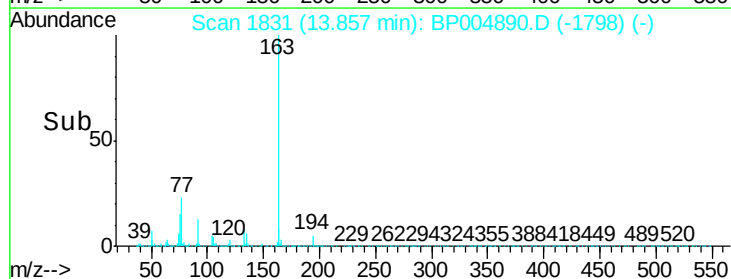
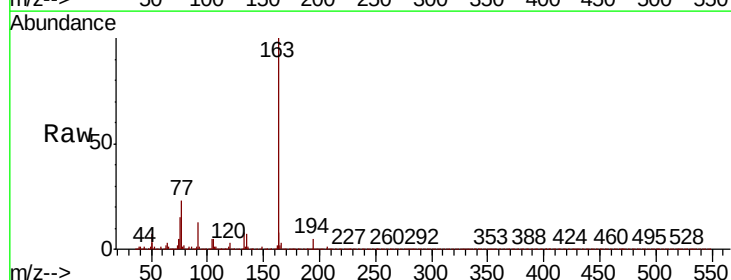
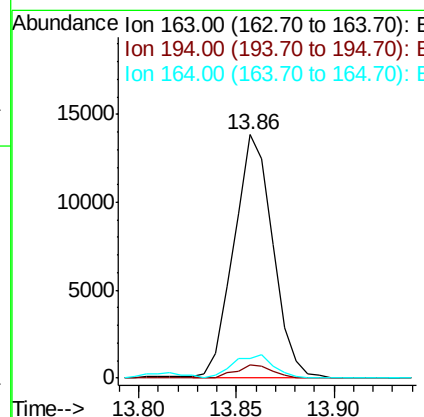
Manual Integrations
APPROVED

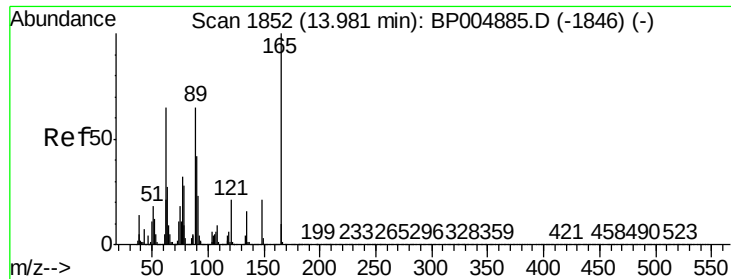
mohammad
3/4/2021 11:33:22 AM



#45
Dimethylphthalate
Concen: 4.039 ng/ul
RT: 13.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	8.2	7.8	11.8





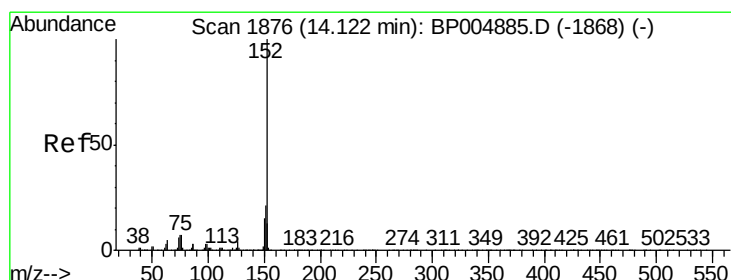
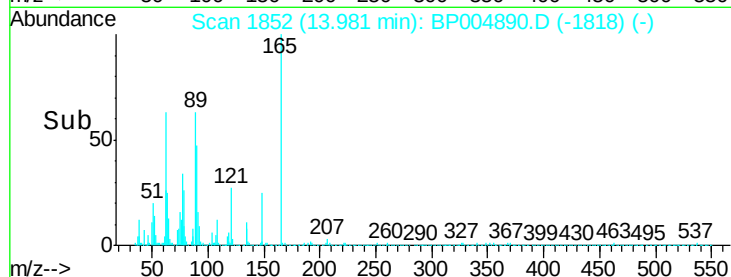
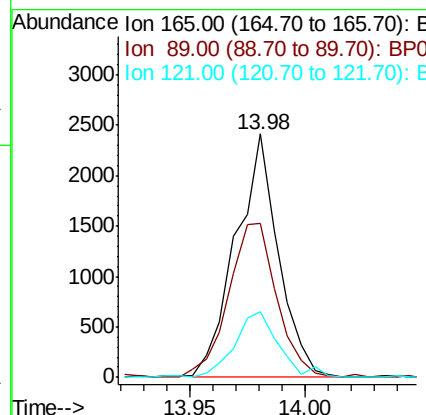
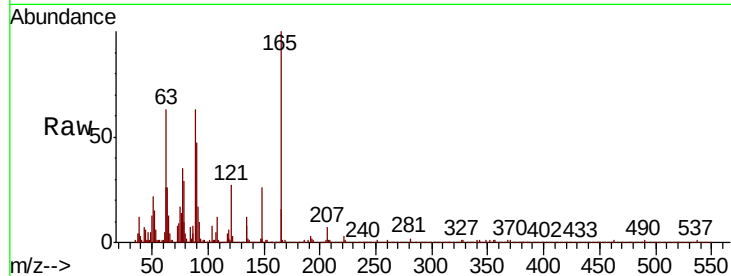
#46
 2,6-Dinitrotoluene
 Concen: 3.284 ng/ul
 RT: 13.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion:	165	Resp:	3118
Ion Ratio	Lower	Upper	
165	100		
89	63.5	54.3	81.5
121	27.1	18.2	27.2

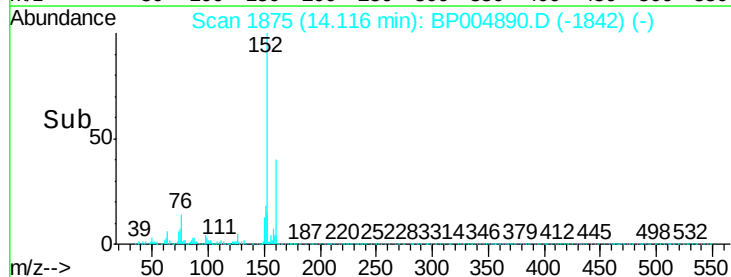
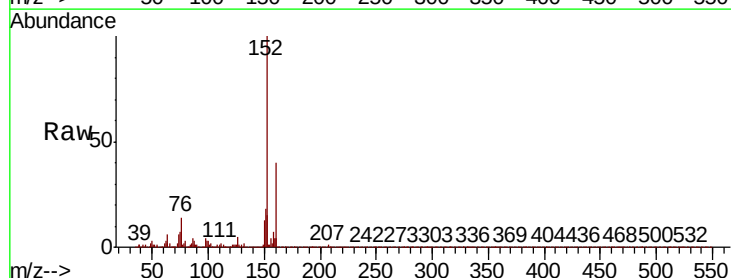
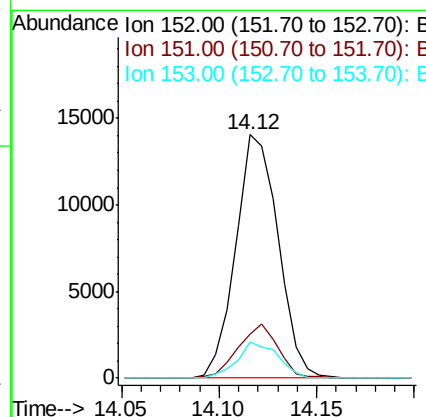
Manual Integrations
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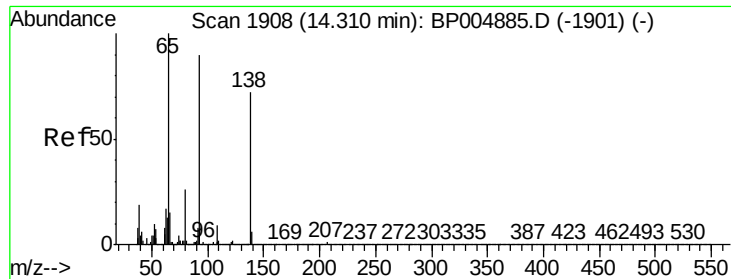
mohammad
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#48
 Acenaphthylene
 Concen: 3.925 ng/ul
 RT: 14.12 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion:	152	Resp:	21251
Ion Ratio	Lower	Upper	
152	100		
151	18.1	15.7	23.5
153	14.6	10.2	15.4





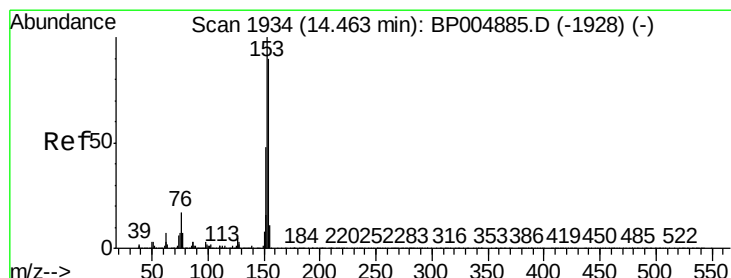
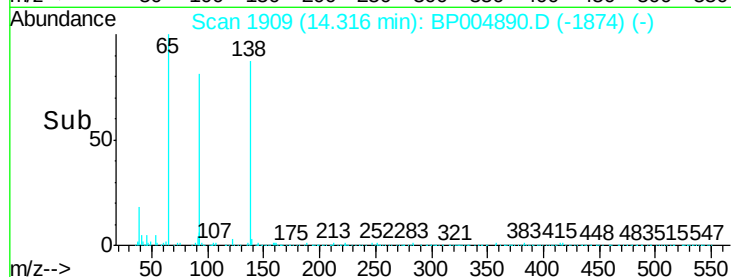
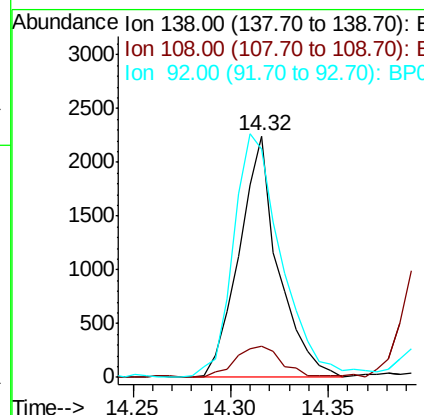
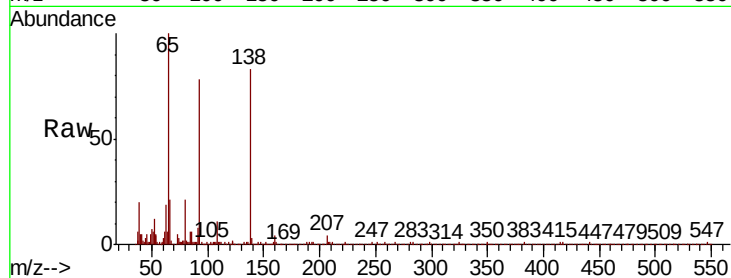
#49
3-Nitroaniline
Concen: 3.559 ng/ul
RT: 14.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	10.1	15.1
92	94.5	99.7	149.5#

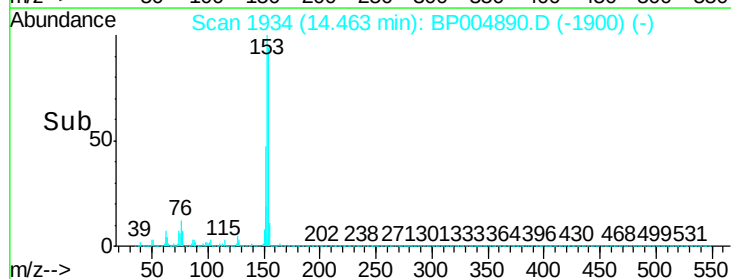
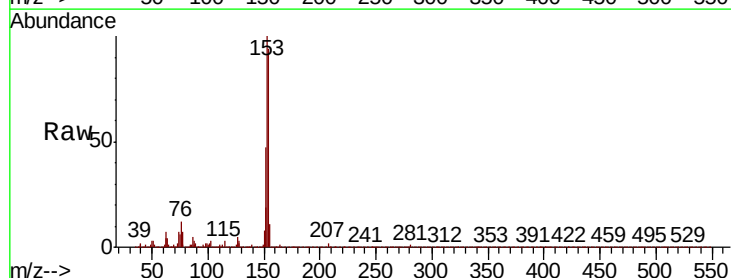
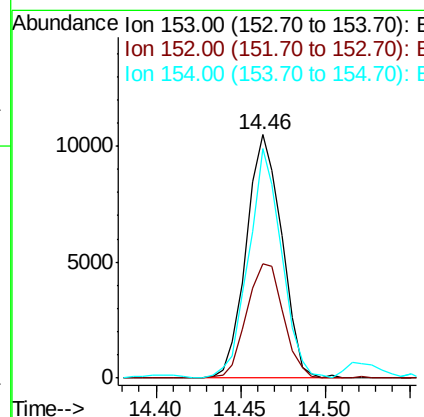
Manual Integrations
APPROVED

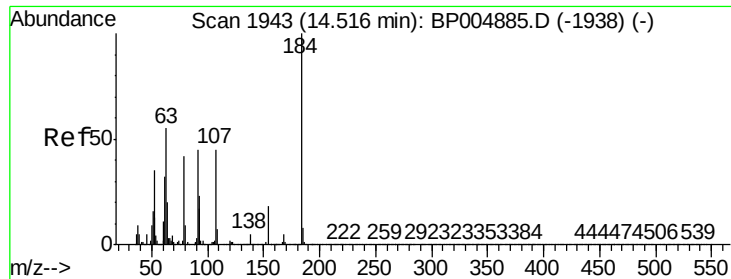
mohammad
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#50
Acenaphthene
Concen: 3.911 ng/ul
RT: 14.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.7	58.1
154	94.2	72.2	108.2





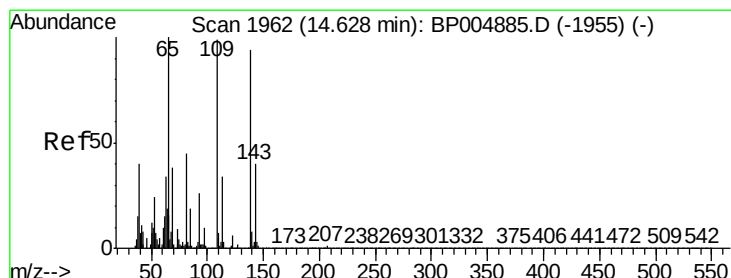
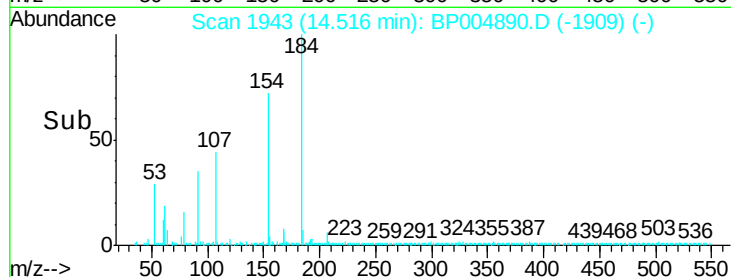
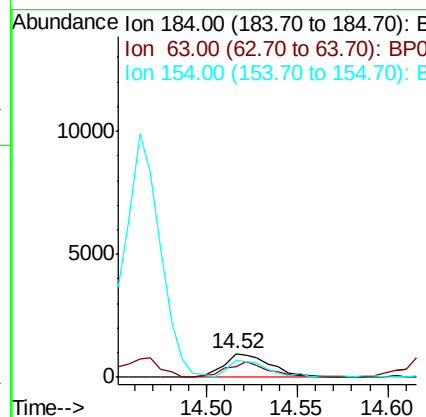
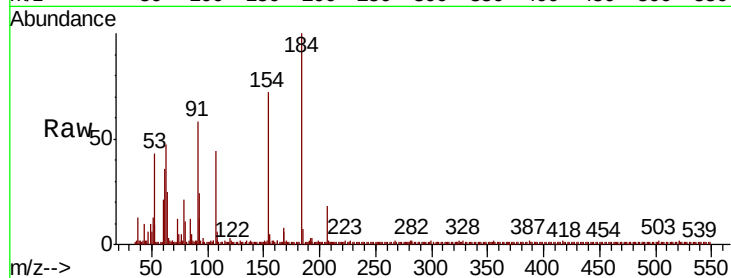
#51
2,4-Dinitrophenol
Concen: 2.804 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.1	58.3	87.5#
154	71.6	52.0	78.0

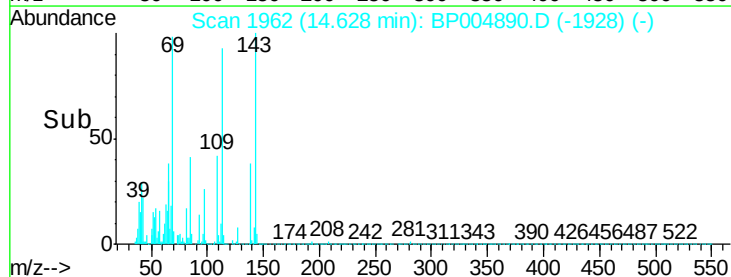
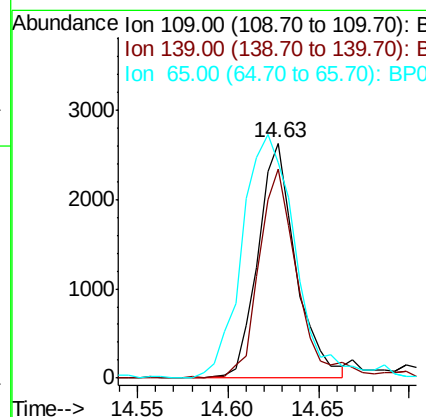
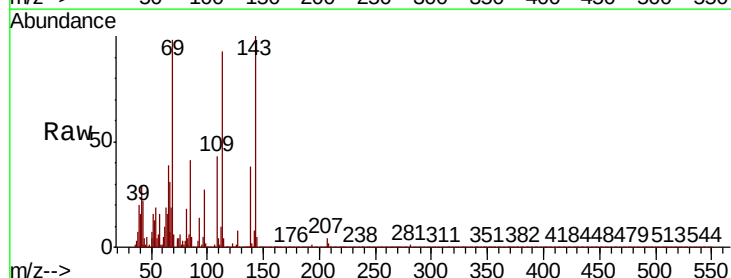
Manual Integrations
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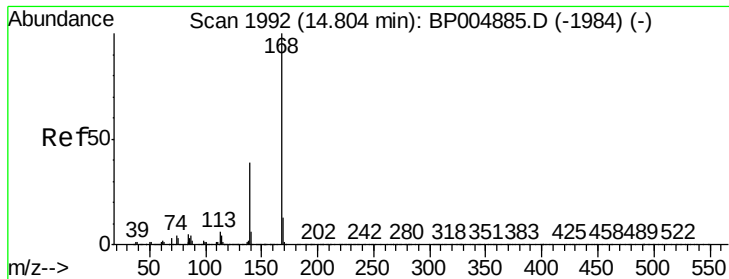
mohammad
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#53
4-Nitrophenol
Concen: 4.254 ng/ul
RT: 14.63 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
109	100		
139	88.8	77.6	116.4
65	91.8	85.5	128.3





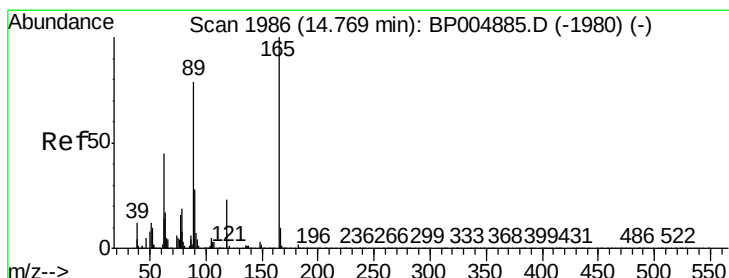
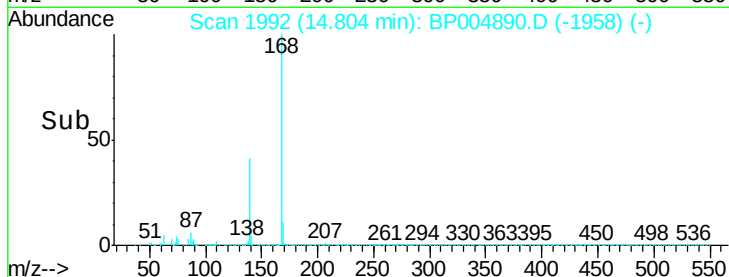
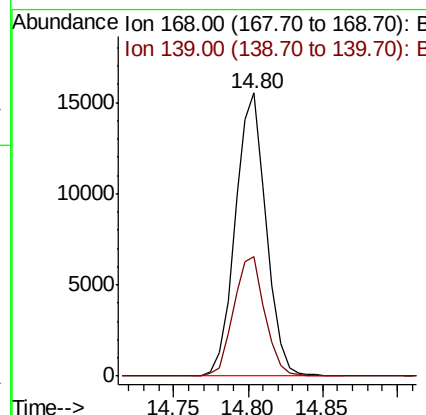
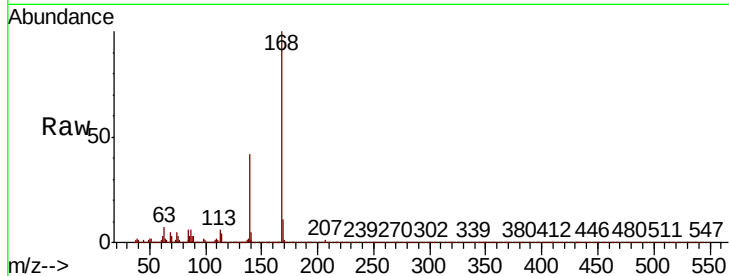
#54
 Dibenzofuran
 Concen: 3.916 ng/ul
 RT: 14.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.6	48.8

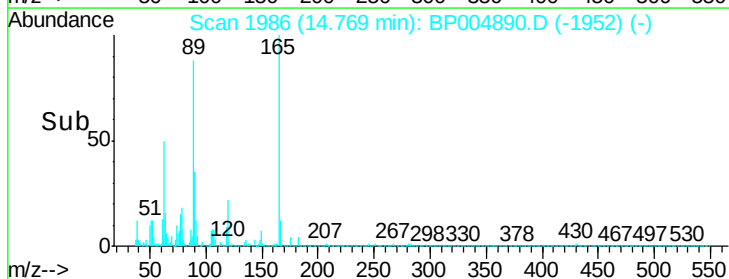
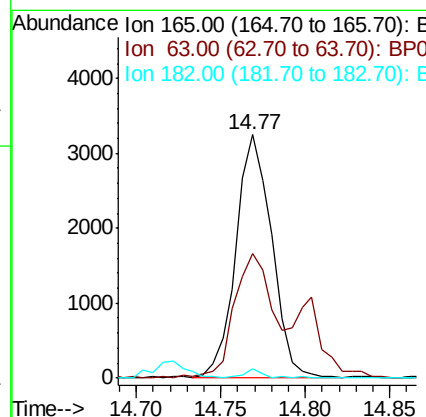
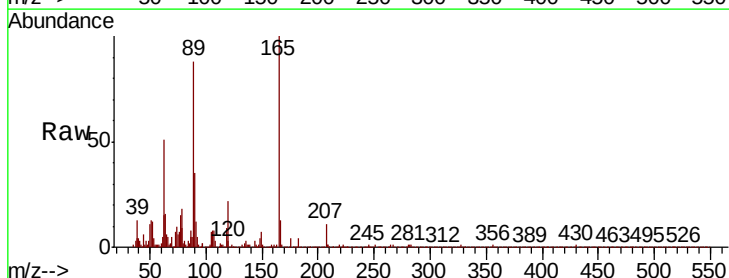
Manual Integrations
 APPROVED

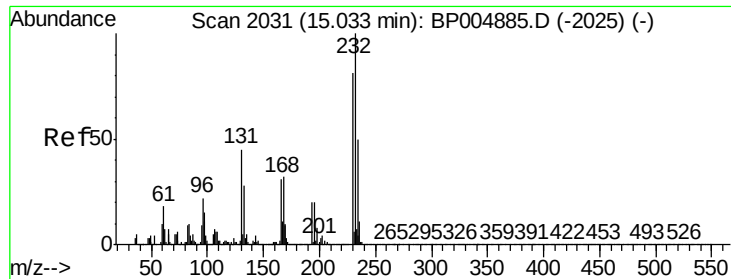
mohammad
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#55
 2,4-Dinitrotoluene
 Concen: 3.436 ng/ul
 RT: 14.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.9	42.2	63.2
182	3.9	3.0	4.4





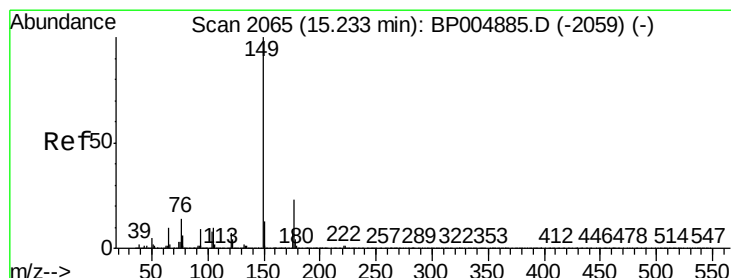
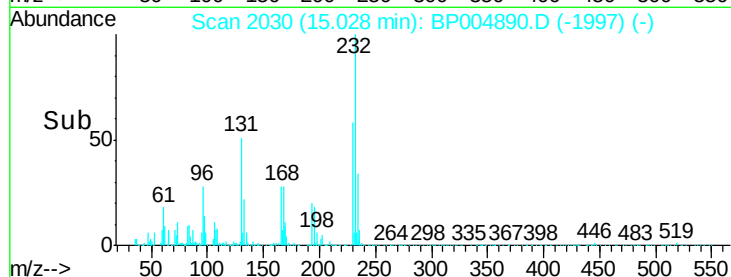
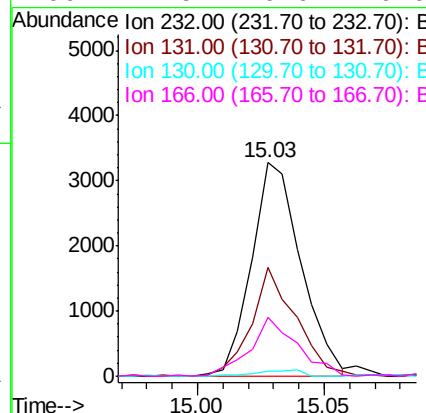
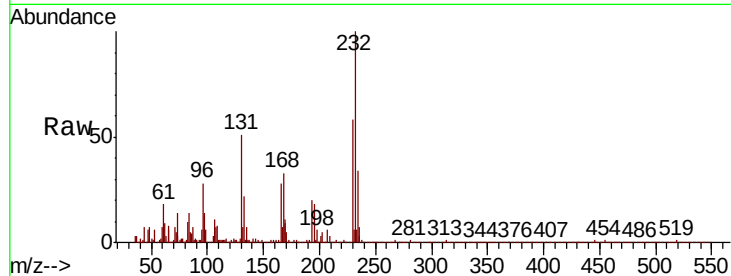
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.737 ng/ul
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.8	38.2	57.4
130	2.2	2.5	3.7#
166	27.5	26.6	40.0

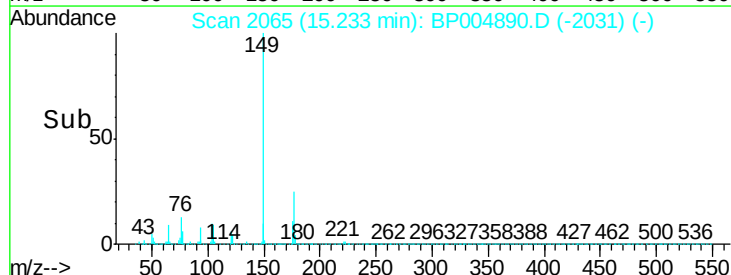
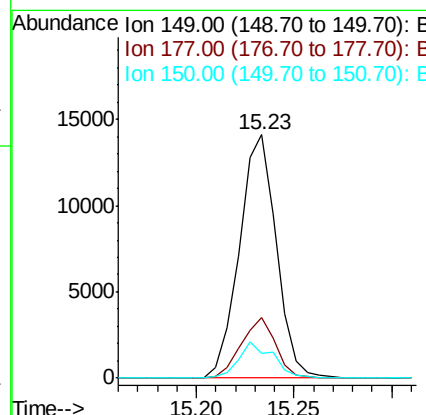
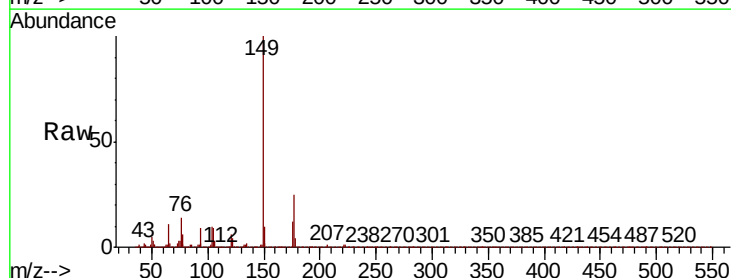
Manual Integrations
 APPROVED

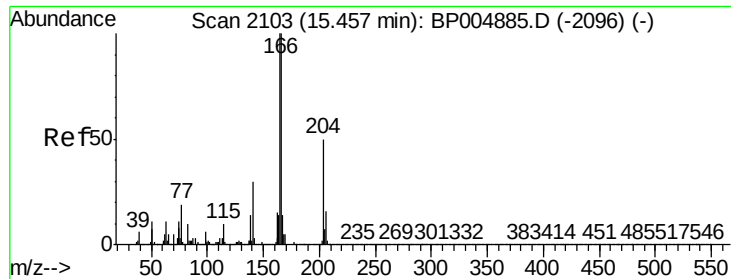
mohammad
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#57
 Diethylphthalate
 Concen: 3.843 ng/ul
 RT: 15.23 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.4	27.6
150	10.3	10.7	16.1#





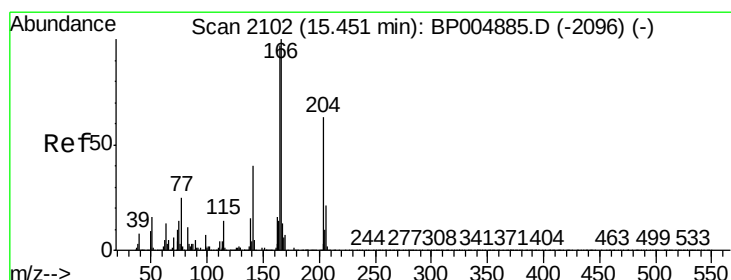
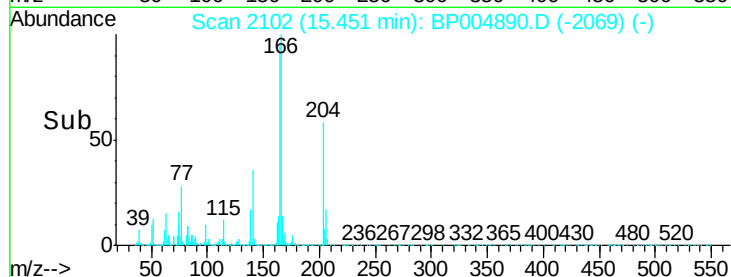
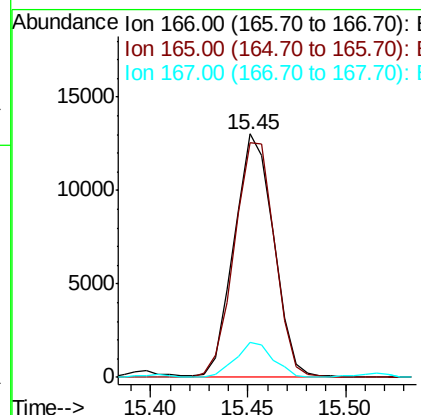
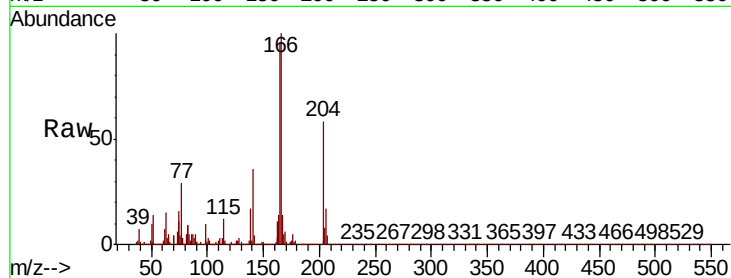
#59
Fluorene
Concen: 3.852 ng/ul
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	75.2	112.8
167	14.4	10.8	16.2

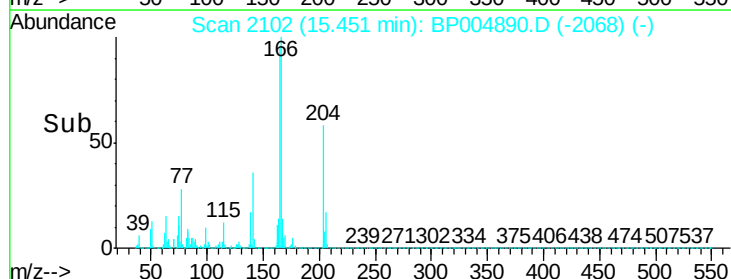
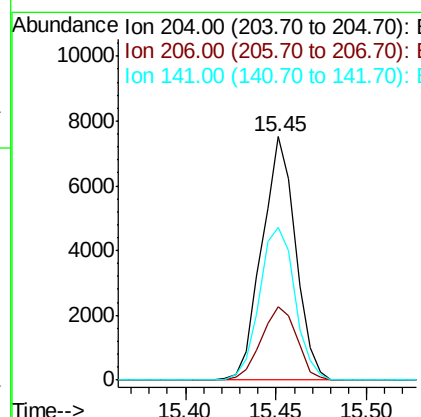
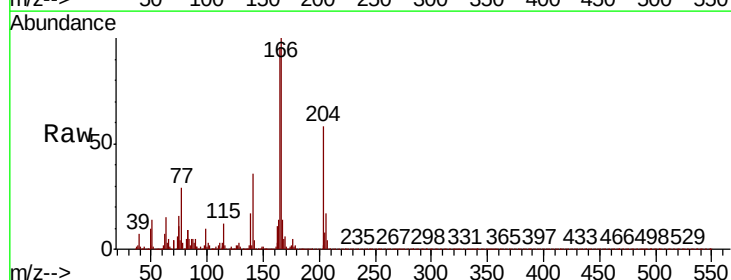
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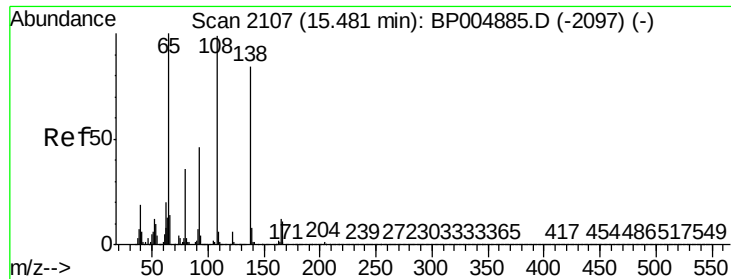
mohammad
3/4/2021 11:33:22 AM



#60
4-Chlorophenyl-phenylether
Concen: 3.892 ng/ul
RT: 15.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.0	26.3	39.5
141	62.7	48.2	72.2





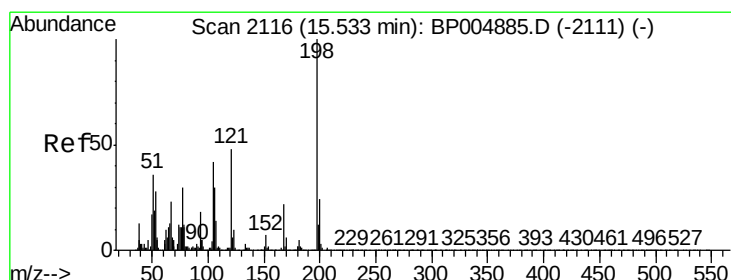
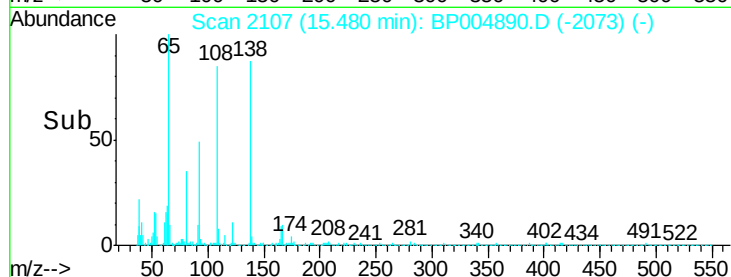
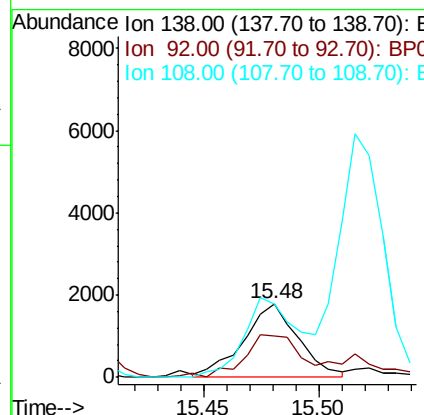
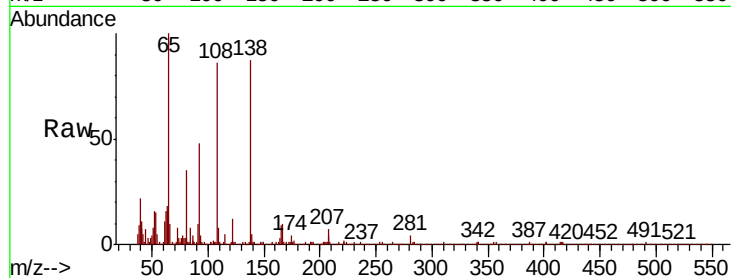
#61
4-Nitroaniline
Concen: 2.969 ng/ul
RT: 15.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	46.1	69.1
108	98.7	94.0	141.0

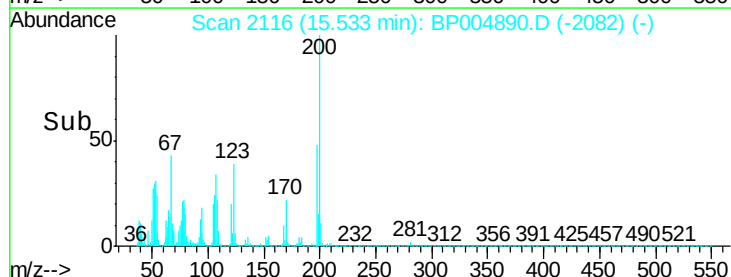
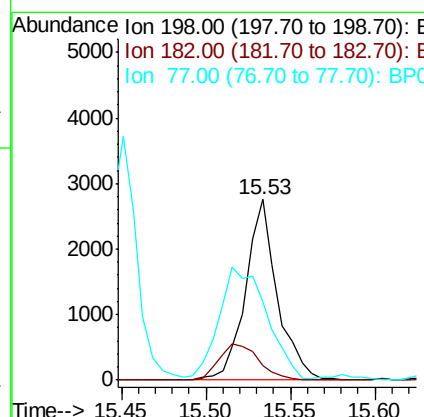
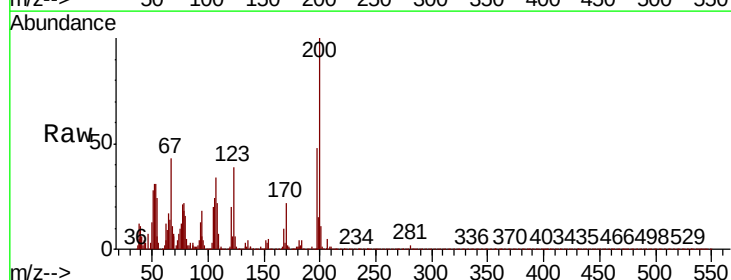
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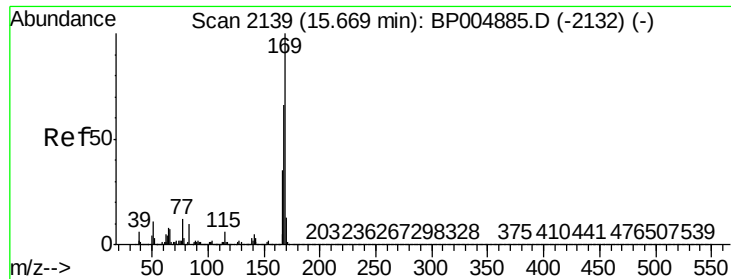
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.865 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
198	100		
182	7.8	4.0	6.0#
77	43.7	23.9	35.9#





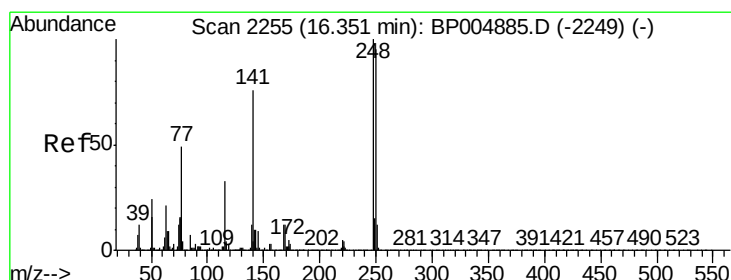
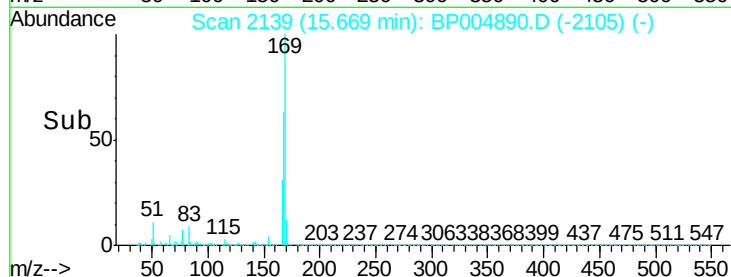
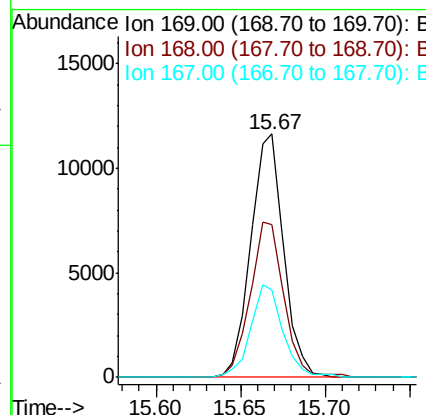
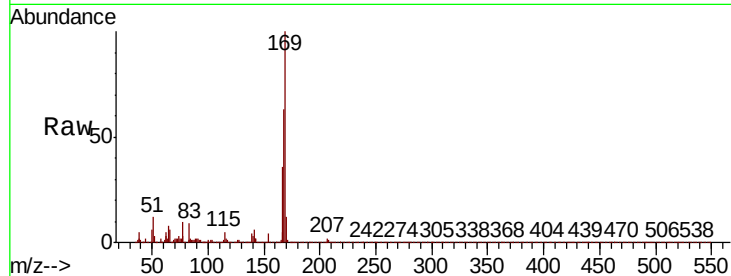
#65
N-Nitrosodiphenylamine
Concen: 3.776 ng/ul
RT: 15.67 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.8	54.1	81.1
167	35.9	29.0	43.4

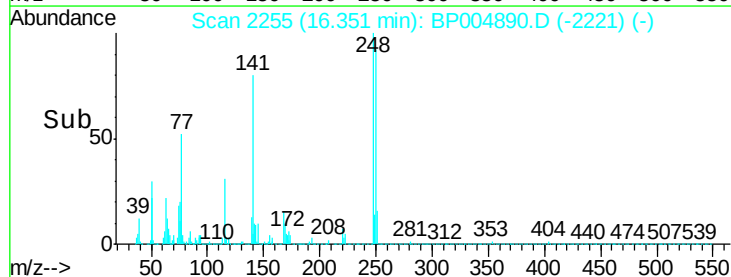
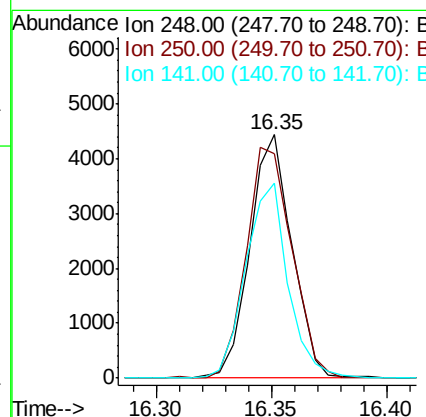
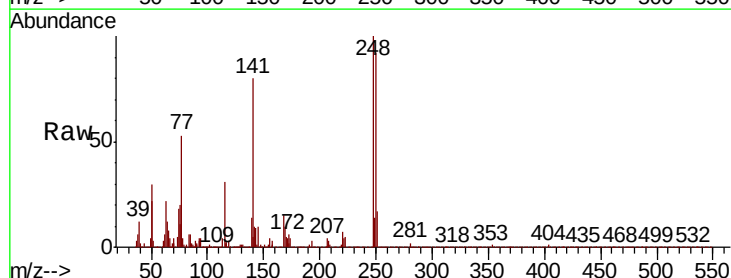
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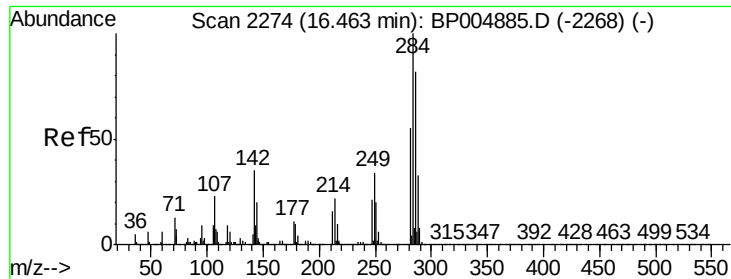
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#66
4-Bromophenyl-phenylether
Concen: 3.761 ng/ul
RT: 16.35 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.0	76.1	114.1
141	80.0	69.9	104.9





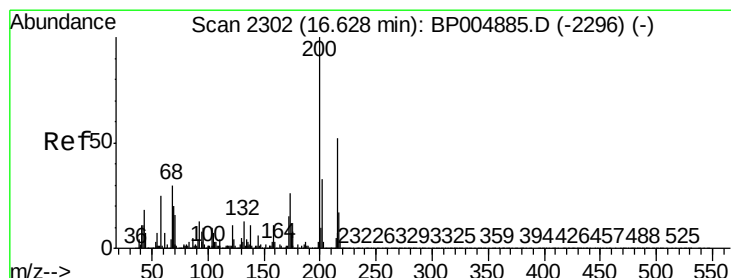
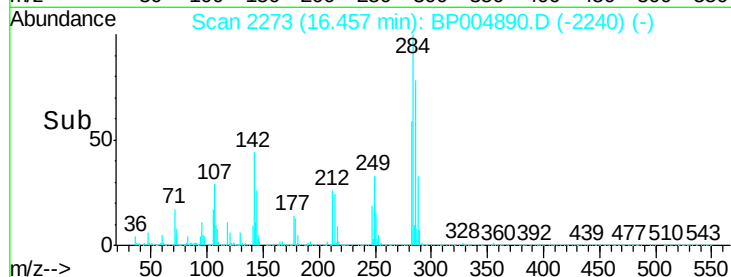
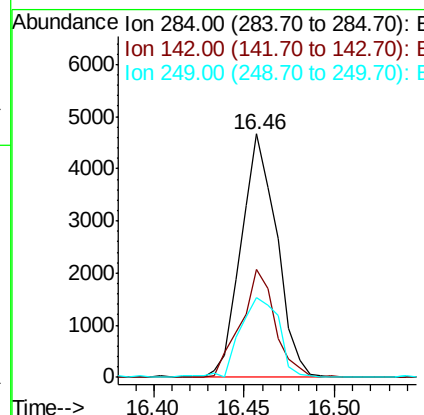
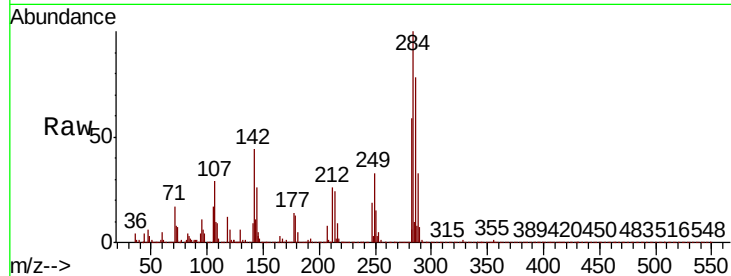
#67
Hexachlorobenzene
Concen: 3.700 ng/ul
RT: 16.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.2	33.6	50.4
249	33.3	25.0	37.4

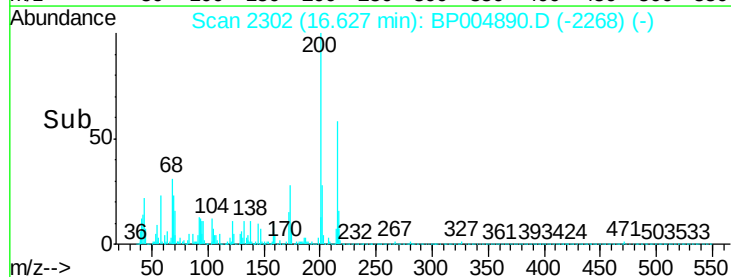
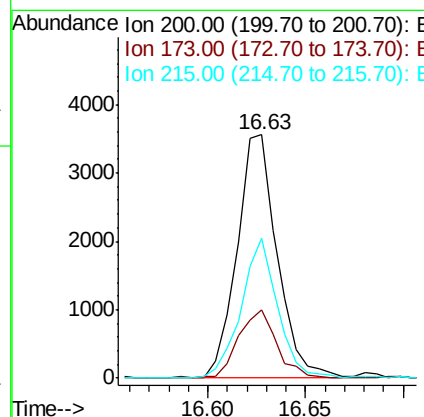
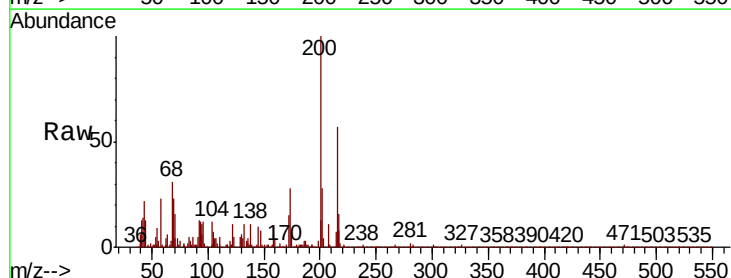
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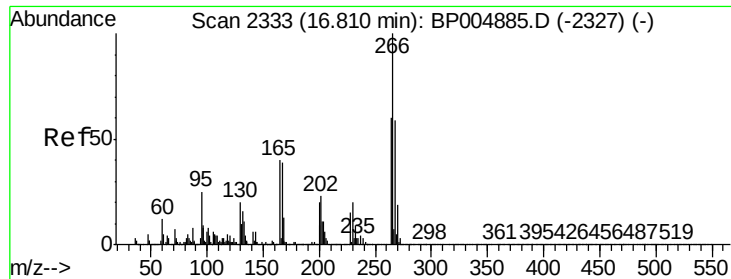
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#68
Atrazine
Concen: 3.108 ng/ul
RT: 16.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	21.2	31.8
215	57.5	38.3	57.5





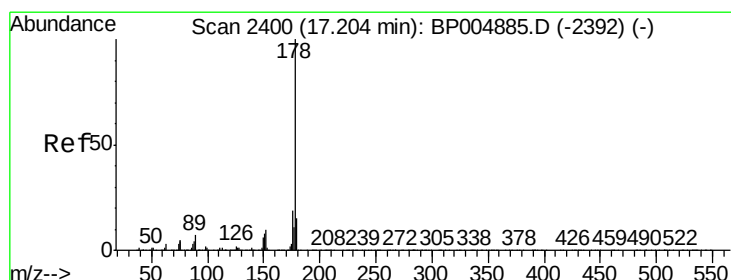
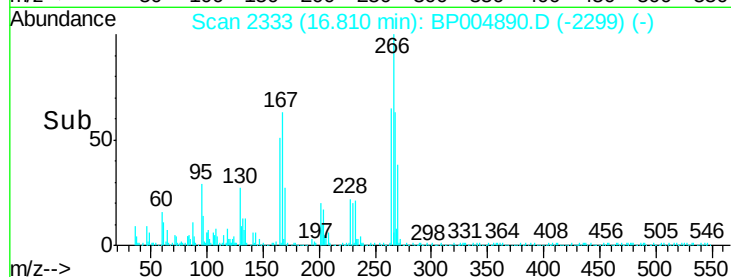
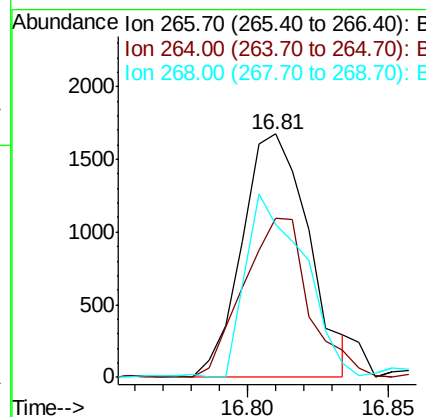
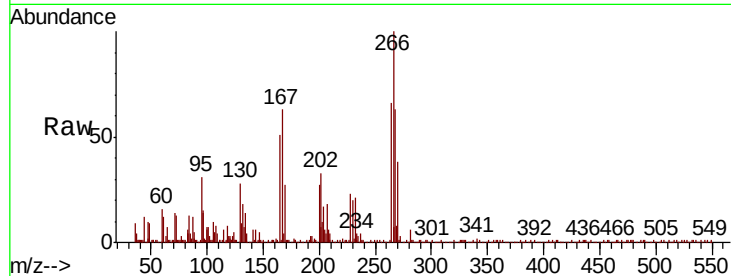
#69
 Pentachlorophenol
 Concen: 2.590 ng/ul
 RT: 16.81 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tot Ion:	266	Resp:	2738
Ion Ratio	Lower	Upper	
266	100		
264	65.5	49.6	74.4
268	62.9	52.6	78.8

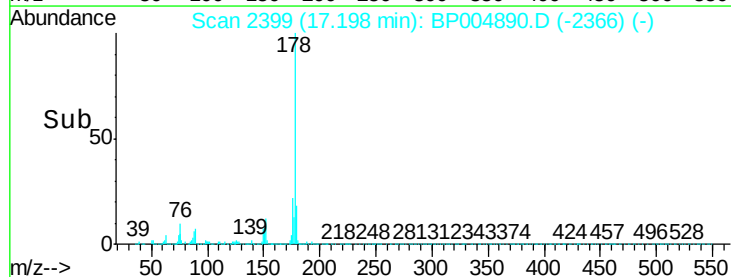
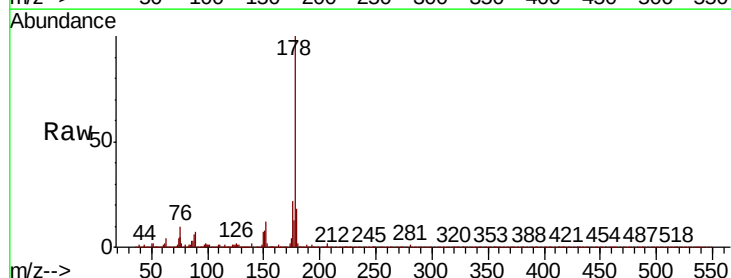
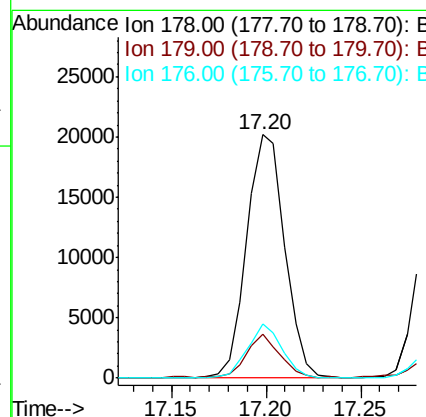
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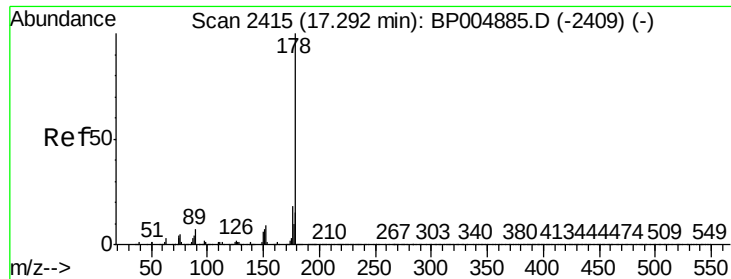
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#70
 Phenanthrene
 Concen: 3.681 ng/ul m
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BP004890.D
 Acq: 03 Mar 2021 13:12

Tgt Ion:	178	Resp:	28425
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.6	18.8
176	22.2	14.6	21.8#





#72

Anthracene

Concen: 3.809 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

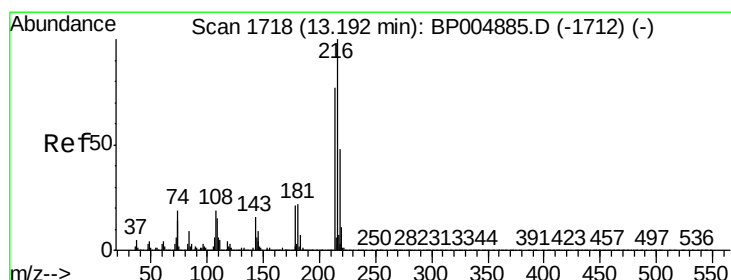
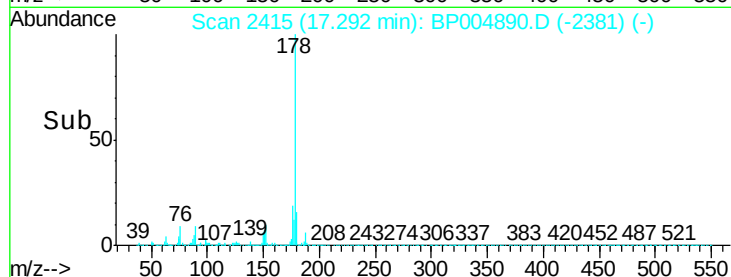
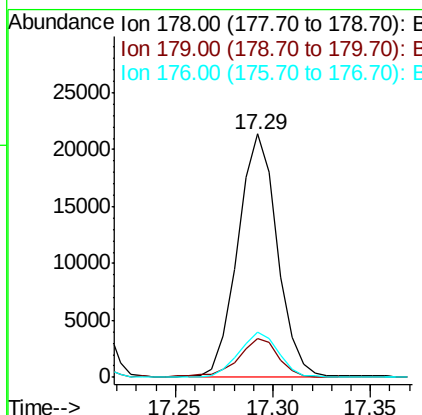
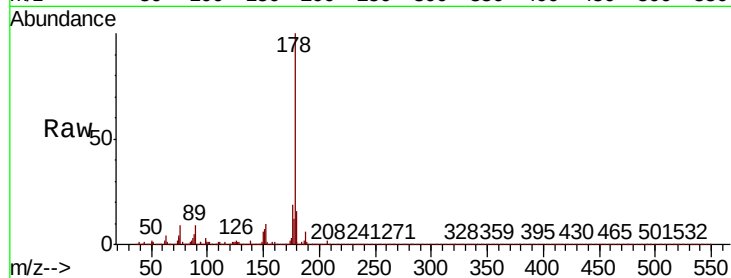
ClientSampleId :

MDL-WATER-02

Tot Ion:	178	Resp:	30024
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.8	17.8
176	18.8	14.3	21.5

Manual Integrations
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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.869 ng/uL

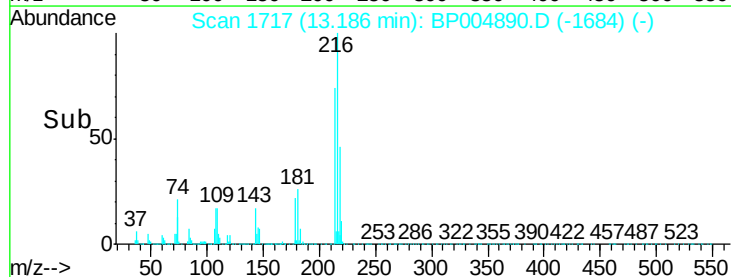
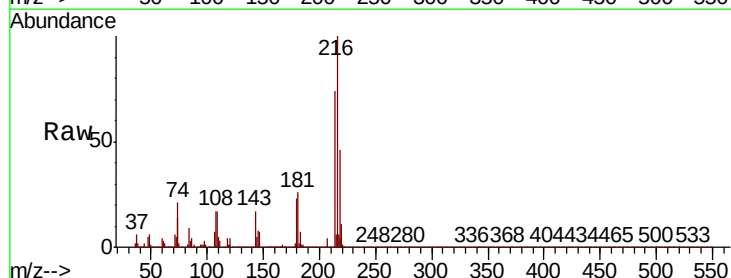
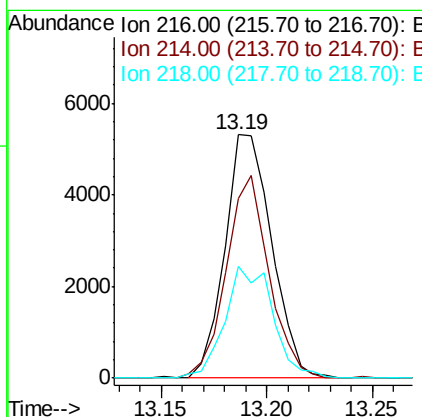
RT: 13.19 min Scan# 1717

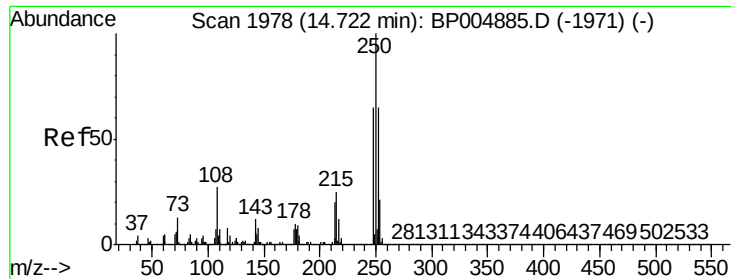
Delta R.T. -0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	216	Resp:	8183
Ion Ratio	Lower	Upper	
216	100		
214	73.6	60.6	90.8
218	50.1	36.6	55.0





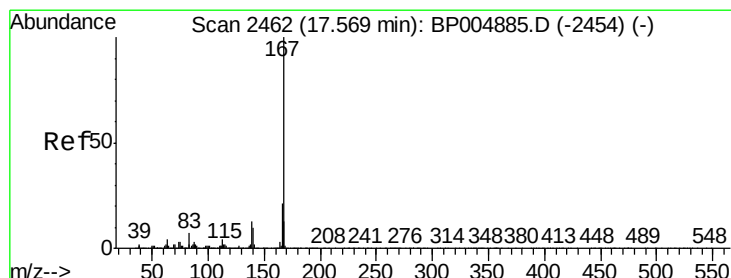
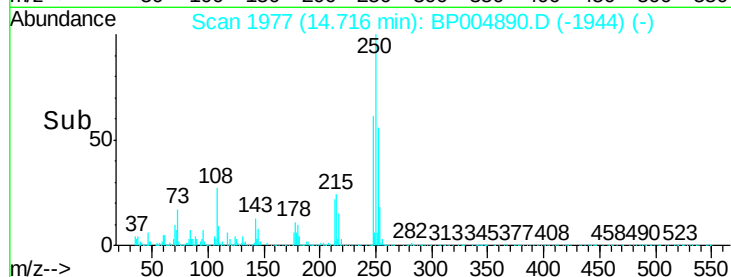
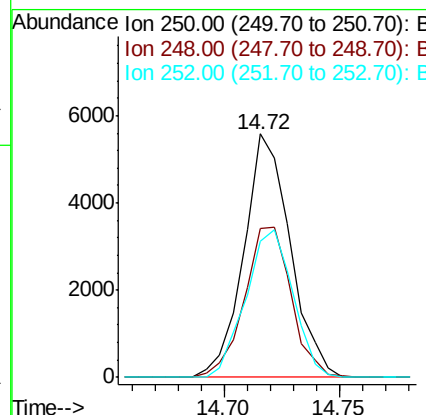
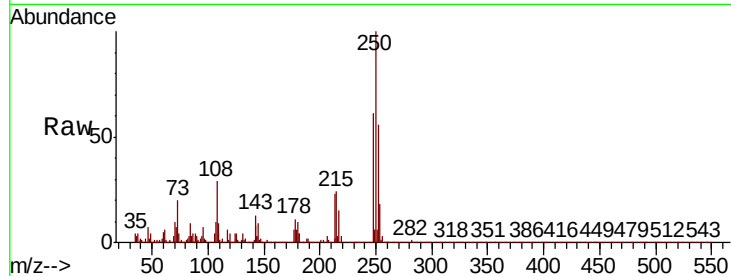
#74
Pentachlorobenzene
Concen: 3.796 ng/uL
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
250	100		
248	61.2	50.5	75.7
252	56.0	49.5	74.3

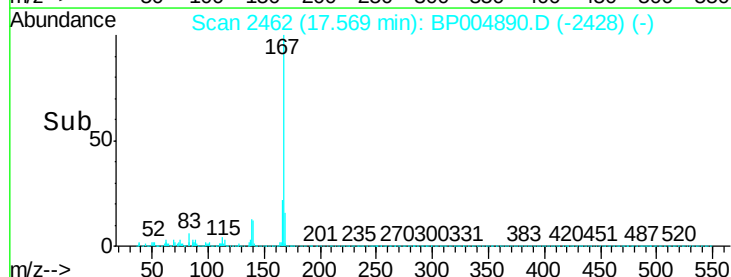
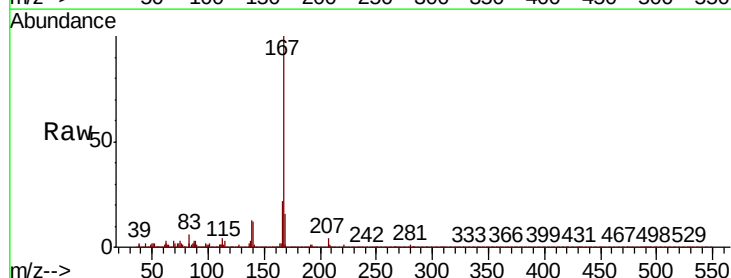
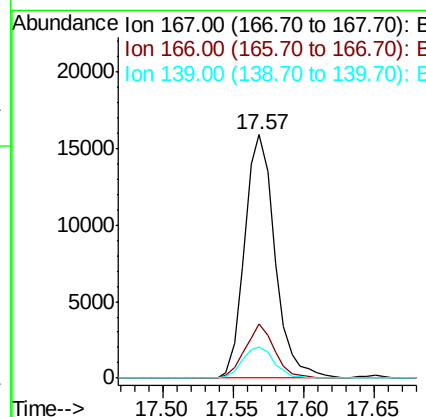
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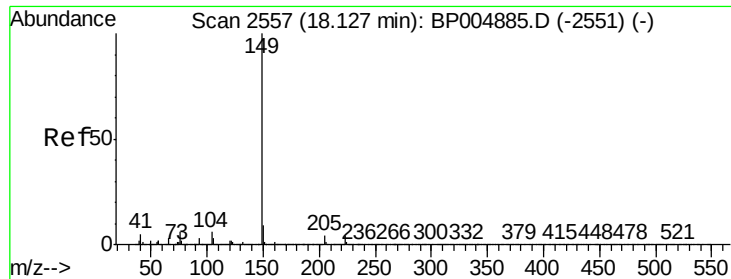
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#75
Carbazole
Concen: 3.461 ng/uL
RT: 17.57 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	12.9	10.9	16.3





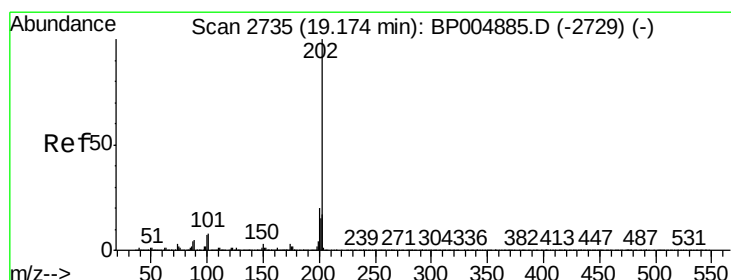
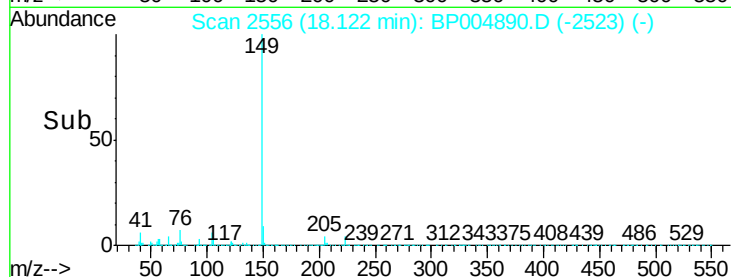
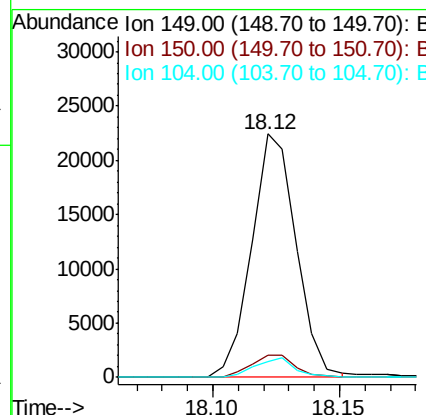
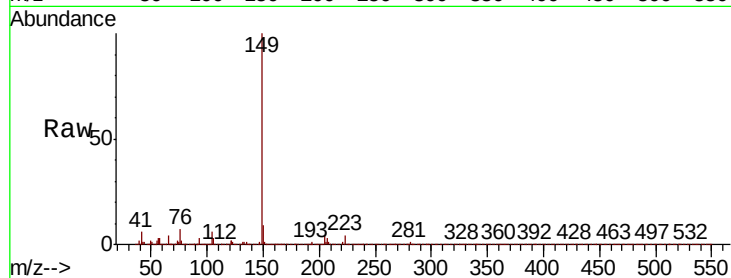
#76
Di-n-butylphthalate
Concen: 3.359 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion:	149	Resp:	27524
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.0	10.4
104	6.3	5.0	7.6

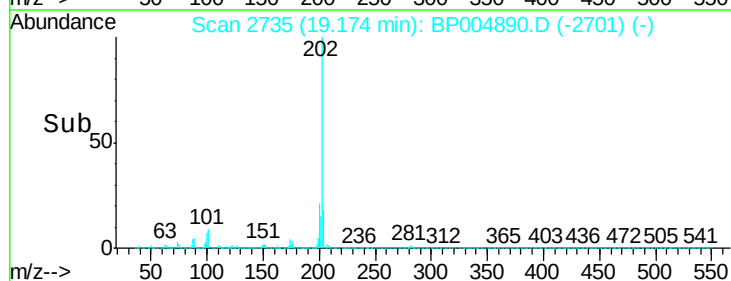
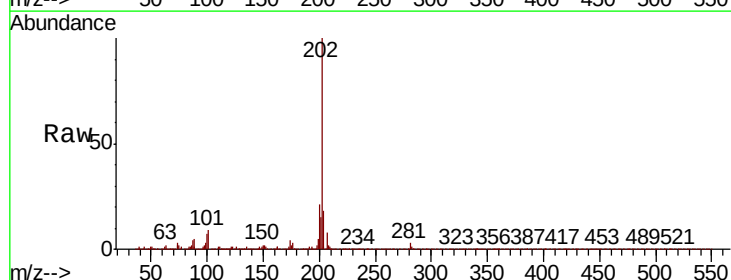
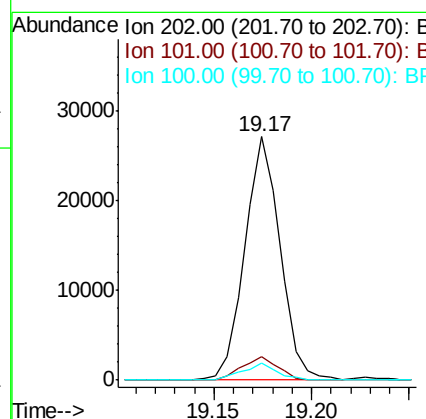
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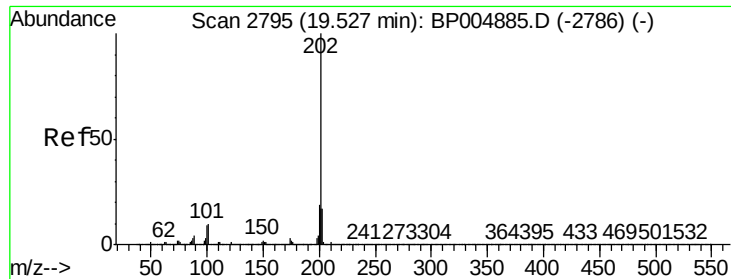
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#77
Fluoranthene
Concen: 3.661 ng/ul
RT: 19.17 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion:	202	Resp:	33910
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.5	11.3
100	7.2	5.9	8.9





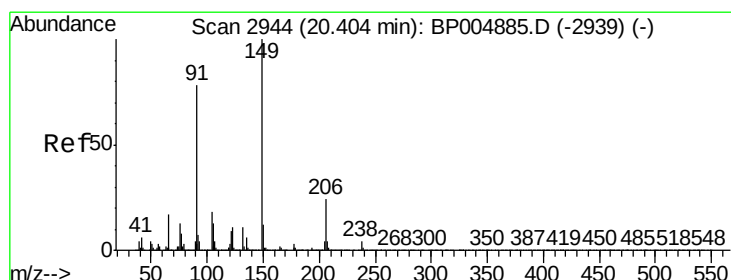
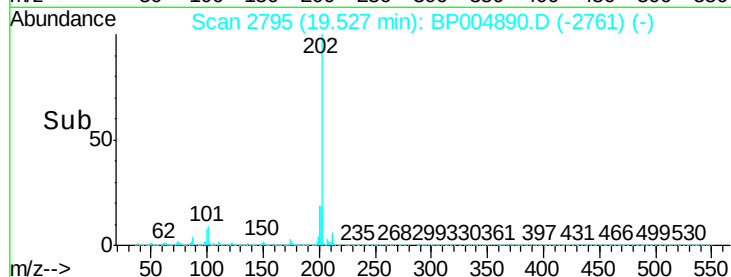
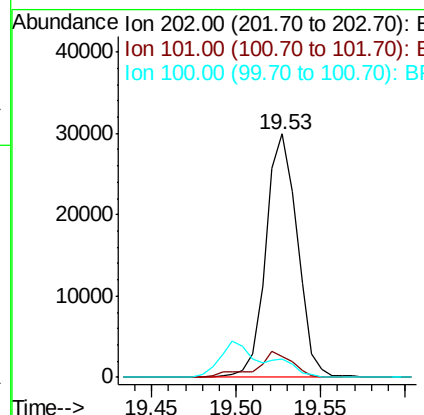
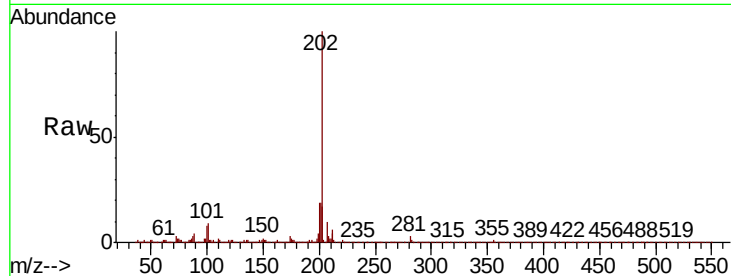
#80
Pvrene
Concen: 3.940 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	8.6	13.0
100	7.6	6.9	10.3

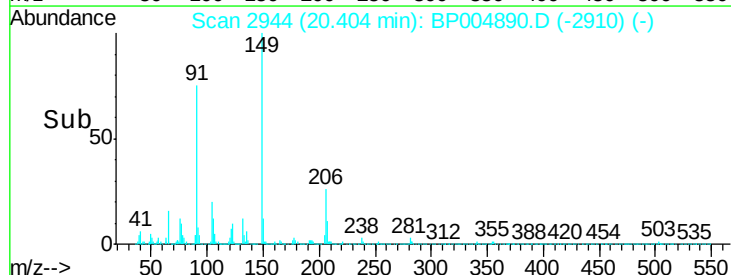
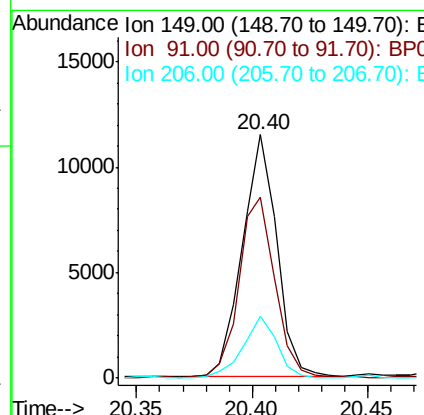
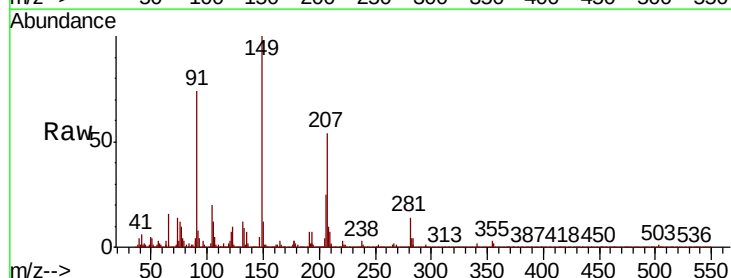
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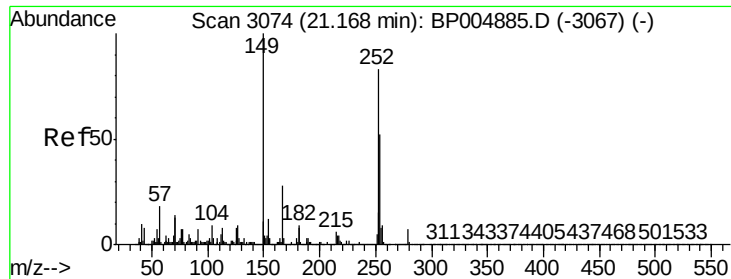
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#81
Butylbenzylphthalate
Concen: 3.105 ng/ul
RT: 20.40 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	74.4	62.0	93.0
206	25.5	19.0	28.6





#82

3,3'-Dichlorobenzidine

Concen: 3.682 ng/ul

RT: 21.17 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

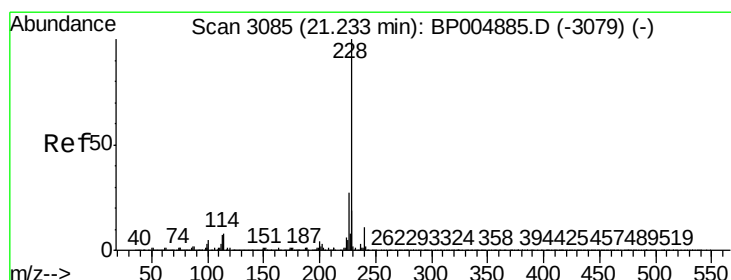
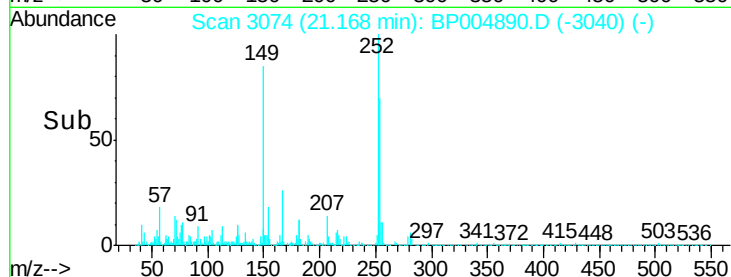
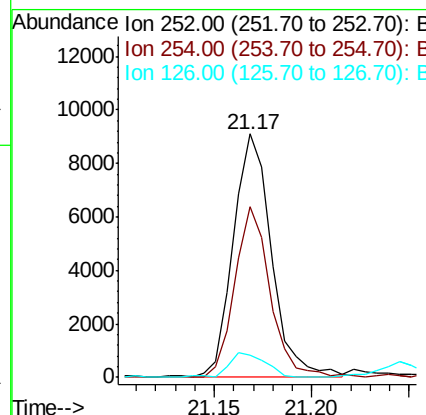
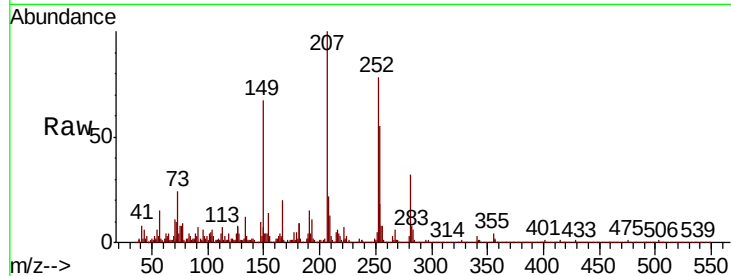
ClientSampleId :

MDL-WATER-02

Tot Ion:	252	Resp:	12201
Ion Ratio	Lower	Upper	
252	100		
254	70.3	50.8	76.2
126	9.2	7.7	11.5

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#83

Benzo(a)anthracene

Concen: 3.831 ng/ul

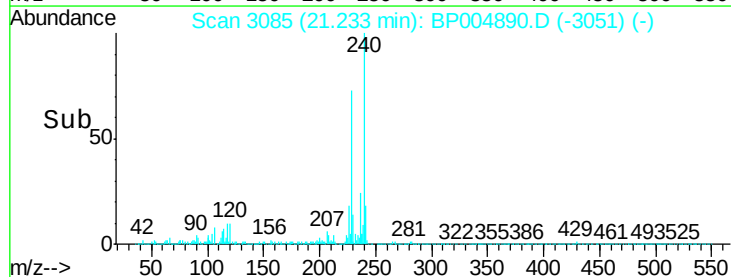
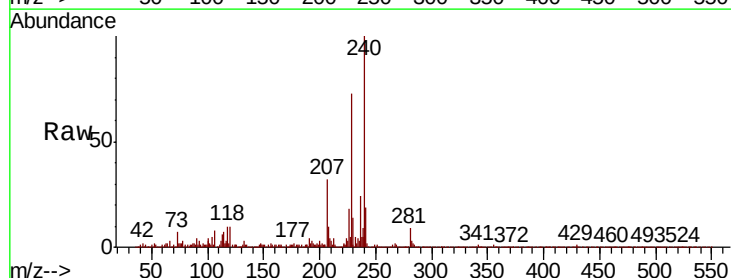
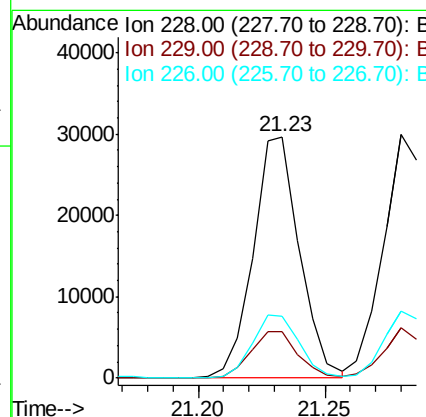
RT: 21.23 min Scan# 3085

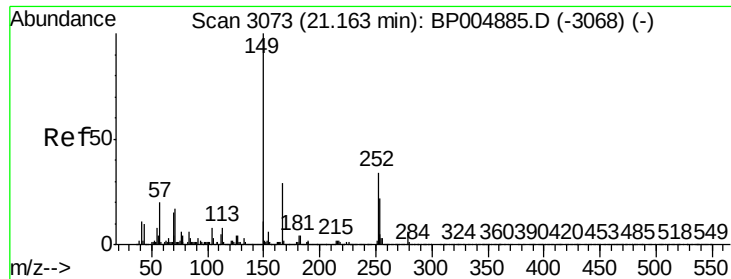
Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	228	Resp:	37666
Ion Ratio	Lower	Upper	
228	100		
229	19.1	15.4	23.0
226	25.4	21.1	31.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.209 ng/ul

RT: 21.16 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

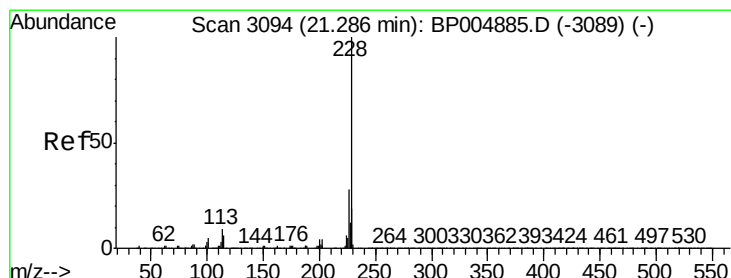
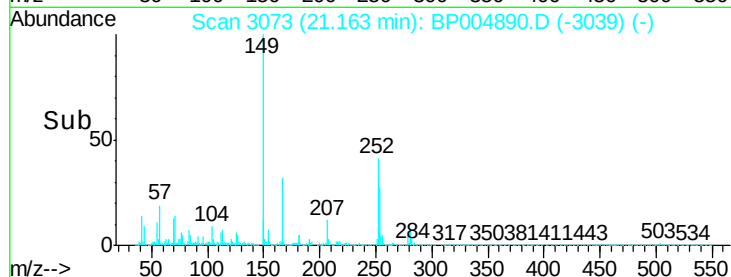
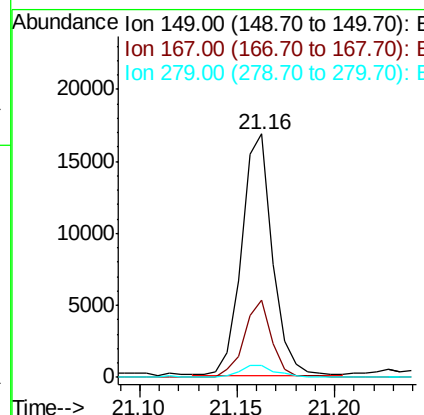
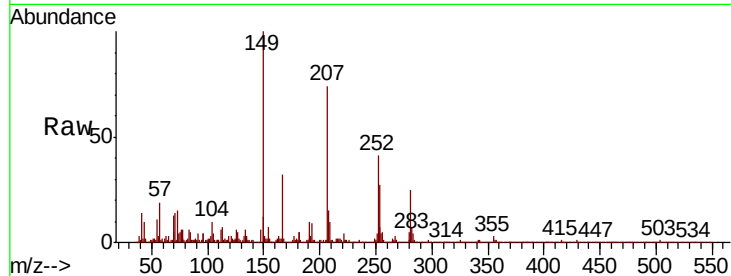
ClientSampleId :

MDL-WATER-02

Tot Ion:	149	Resp:	18388
Ion Ratio	Lower	Upper	
149	100		
167	31.8	23.0	34.6
279	4.8	4.1	6.1

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#85

Chrysene

Concen: 3.947 ng/ul

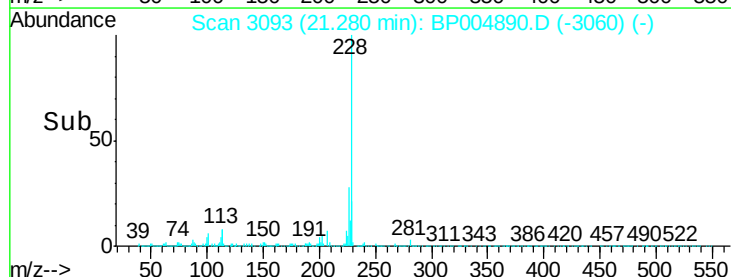
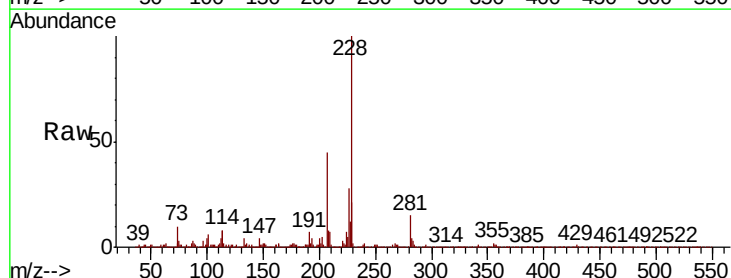
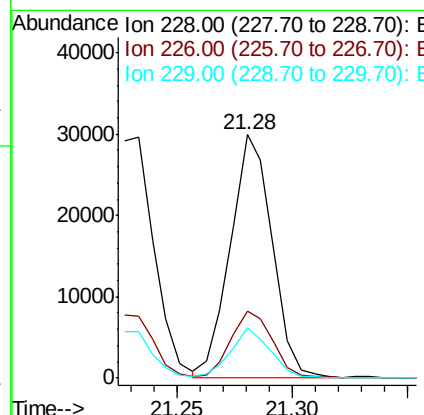
RT: 21.28 min Scan# 3093

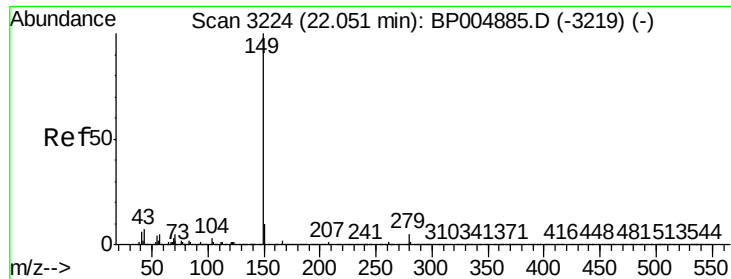
Delta R.T. -0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:	228	Resp:	37801
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.3	34.9
229	20.7	15.6	23.4





#87

Di-n-octyl phthalate

Concen: 2.893 ng/ul

RT: 22.05 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

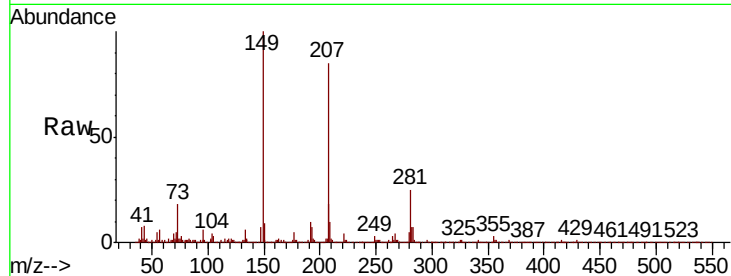
ClientSampleId :

MDL-WATER-02

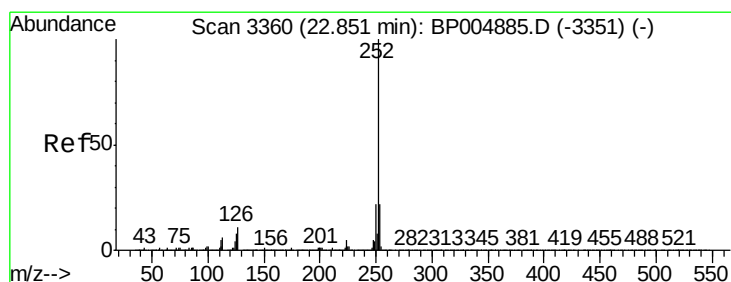
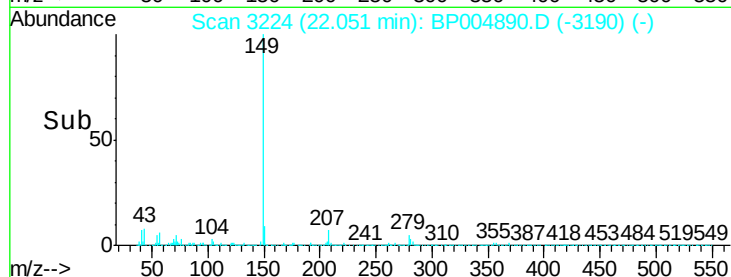
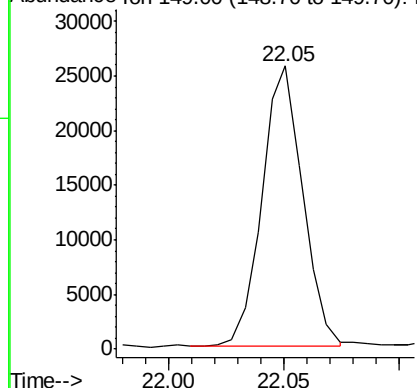
Tgt Ion:149 Resp: 31415

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.727 ng/ul

RT: 22.84 min Scan# 3359

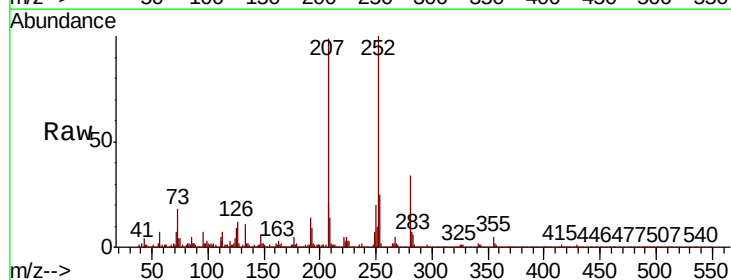
Delta R.T. -0.01 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Tgt Ion:252 Resp: 38227

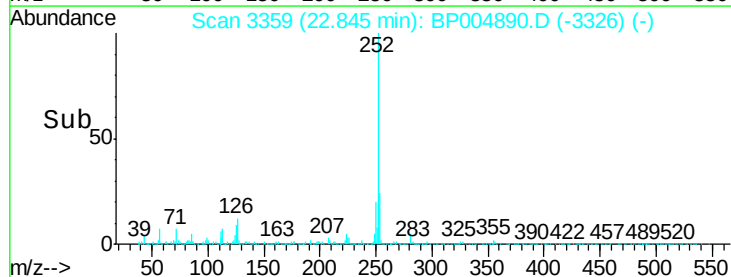
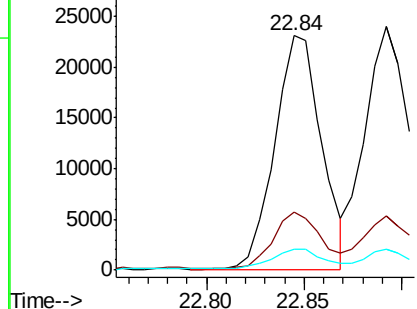
Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	8.9	6.5	9.7

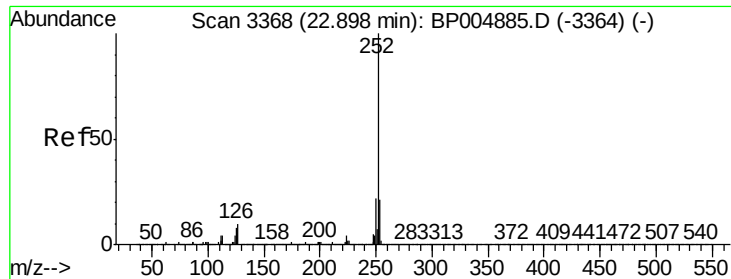


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





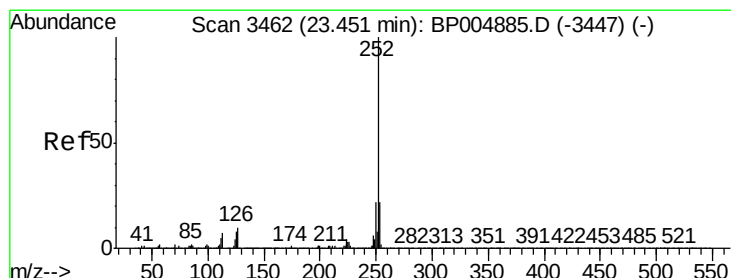
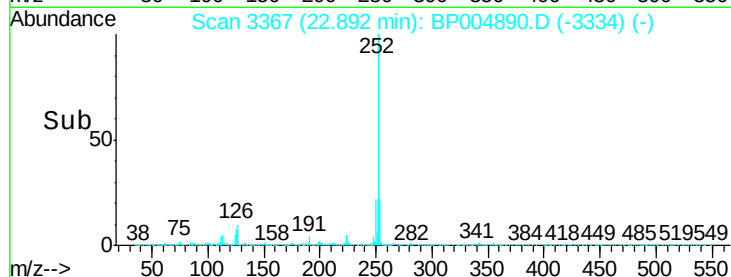
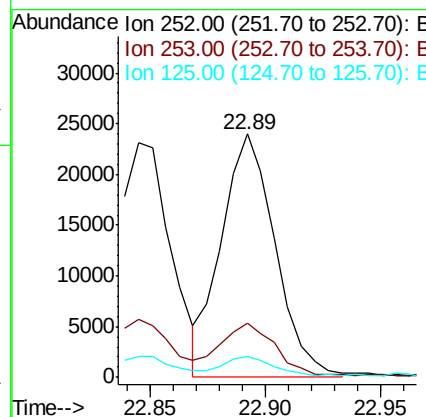
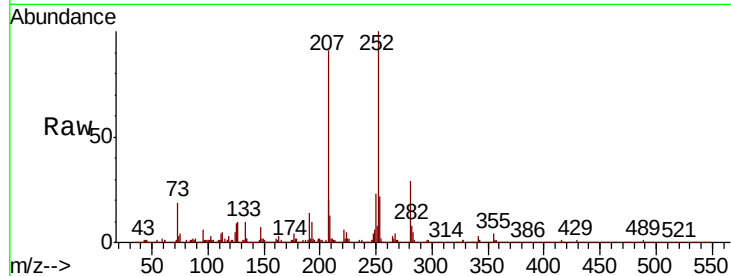
#89
Benzo(k)fluoranthene
Concen: 3.812 ng/ul
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion:	252	Resp:	38662
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	8.8	6.5	9.7

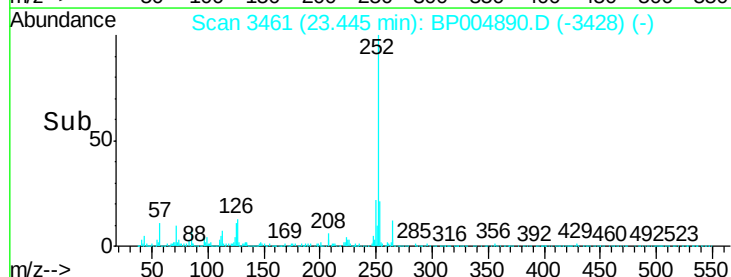
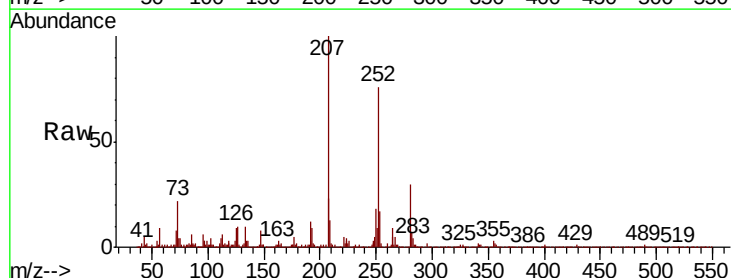
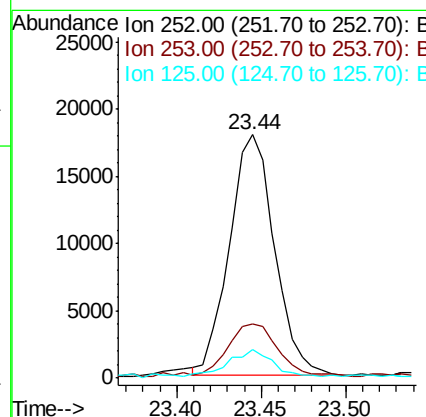
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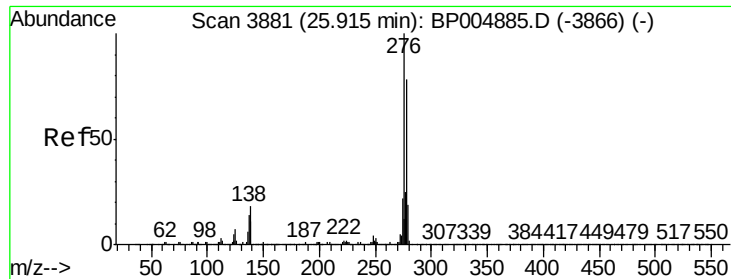
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#91
Benzo(a)pyrene
Concen: 3.701 ng/ul
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion:	252	Resp:	33329
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.9	25.3
125	11.6	6.9	10.3#





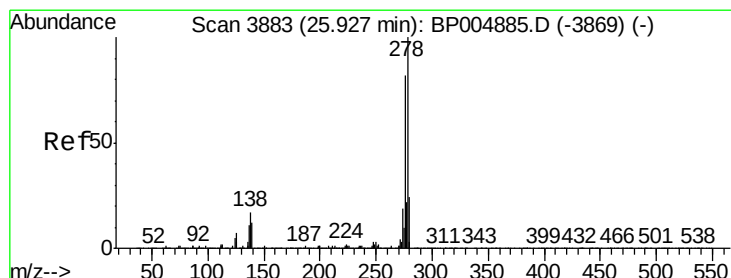
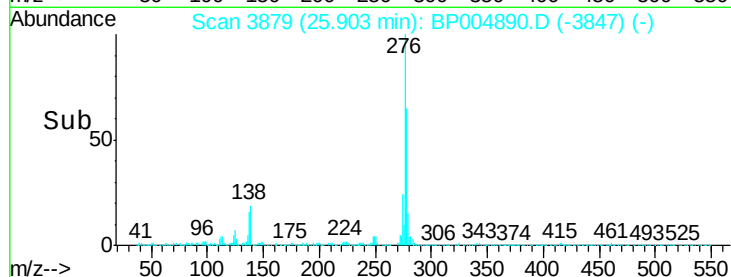
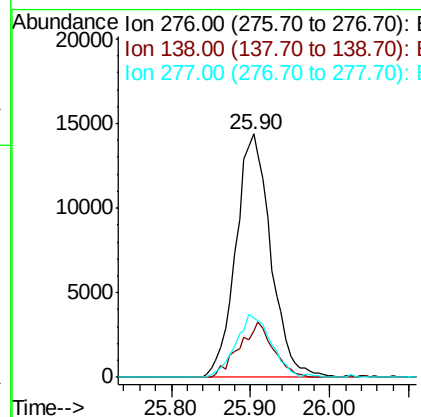
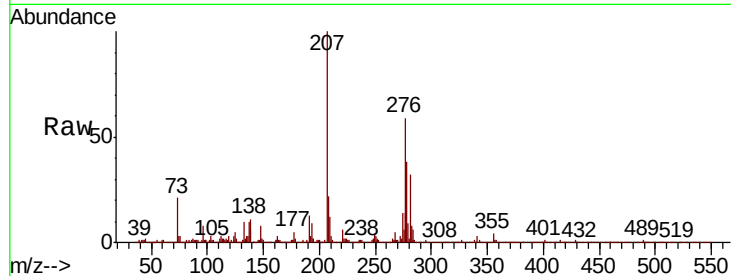
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.806 ng/ul
RT: 25.90 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.5	24.7
277	24.3	19.1	28.7

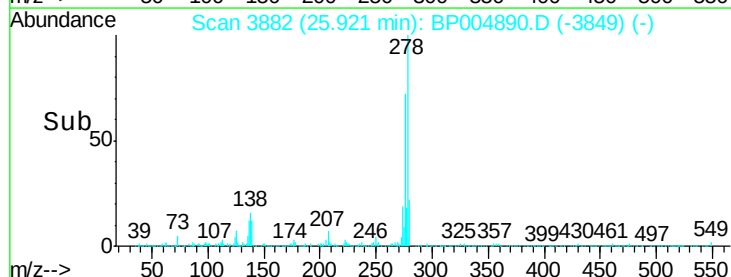
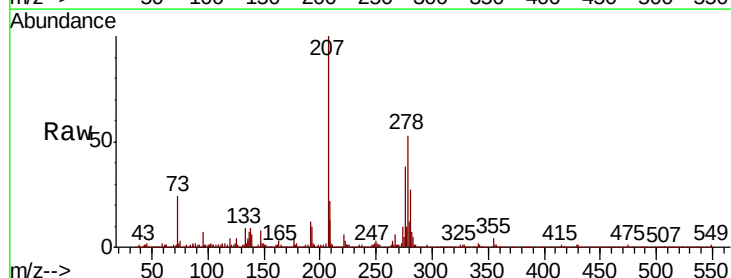
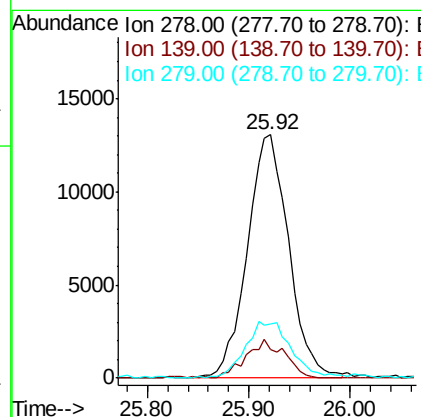
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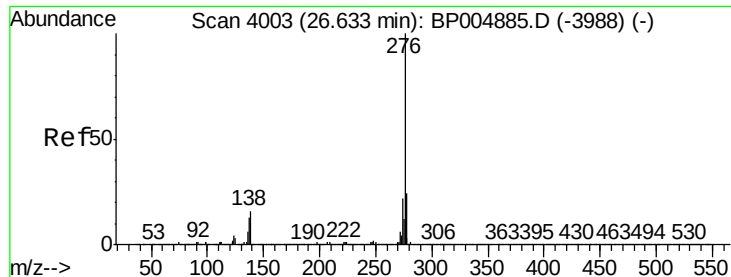
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 3.778 ng/ul
RT: 25.92 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BP004890.D
Acq: 03 Mar 2021 13:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.6	16.0
279	22.1	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 3.843 ng/ul

RT: 26.63 min Scan# 4003

Delta R.T. -0.00 min

Lab File: BP004890.D

Acq: 03 Mar 2021 13:12

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-02

Tot Ion:	276	Resp:	36879
Ion Ratio	Lower	Upper	
276	100		
138	11.6	13.8	20.6#
277	25.3	18.5	27.7

Manual Integrations
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