

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
 Data File : BP004949.D
 Acq On : 09 Mar 2021 18:09
 Operator : CG/JU
 Sample : M1534-07
 Misc : SOM-MDL-W-07
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Manual Integrations
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mohammad
 3/10/2021 11:54:28 AM

Quant Time: Mar 10 00:39:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 15:13:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	33110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	131461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	91309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	213493	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	257775	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	268050	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3926	4.43	ng/uL	0.00
5) Phenol-d5	6.90	99	90010	34.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	50764	36.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	74497	36.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	71970	32.85	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	37377	38.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	41687	38.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	76016	36.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	95049	41.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	253074	37.66	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	300341	36.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	39286	34.03	ng/ul	0.00
58) Fluorene-d10	15.38	176	223283	38.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	46061	33.64	ng/ul	0.00
71) Anthracene-d10	17.24	188	358403	37.46	ng/ul	0.00
79) Pyrene-d10	19.49	212	431929	36.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	519957	37.93	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	957	1.113 ng/uL#	75
4) Benzaldehyde	6.88	77	7474	5.548 ng/ul	94
6) Phenol	6.93	94	10066	3.630 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.16	93	8130	3.973 ng/ul	94
10) 2-Chlorophenol	7.29	128	8596	4.049 ng/ul#	91
11) 2-Methylphenol	8.18	108	7304	3.464 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8273	3.790 ng/ul#	94
14) Acetophenone	8.56	105	13815	3.791 ng/ul	90
15) N-Nitroso-di-n-propylamine	8.54	70	6456	3.725 ng/ul#	89
16) 4-Methylphenol	8.50	108	8504	3.653 ng/ul	91
17) Hexachloroethane	8.80	117	3790	3.839 ng/ul	88
20) Nitrobenzene	8.93	77	10552	4.056 ng/ul	99
21) Isophorone	9.46	82	16990m	3.826 ng/ul	
23) 2-Nitrophenol	9.65	139	5112	4.412 ng/ul	92
24) 2,4-Dimethylphenol	9.70	107	10468	3.911 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	10198	3.795 ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	8868	4.298 ng/ul	88
28) Naphthalene	10.58	128	28415	4.174 ng/ul	95
30) 4-Chloroaniline	10.69	127	11145	4.677 ng/ul	95
31) Hexachlorobutadiene	10.86	225	7399	4.638 ng/ul	97
32) Caprolactam	11.50	113	2460m	3.655 ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	8174	3.406 ng/ul#	86
34) 2-Methylnaphthalene	12.19	142	19883	4.038 ng/ul	93

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

35) 1-Methylnaphthalene	12.41	142	18523	3.823	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	13099	4.306	ng/ul	98
38) Hexachlorocyclopentadiene	12.55	237	7314	3.706	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.81	196	6720	3.707	ng/ul#	88
40) 2,4,5-Trichlorophenol	12.89	196	7706	3.913	ng/ul	87
41) 1,1'-Biphenyl	13.21	154	26444	3.936	ng/ul	94
42) 2-Chloronaphthalene	13.25	162	21420	4.067	ng/ul	96
43) 2-Nitroaniline	13.47	65	5137	3.359	ng/ul	97
45) Dimethylphthalate	13.85	163	27520	3.999	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	5044	3.657	ng/ul	94
48) Acenaphthylene	14.10	152	30714	3.964	ng/ul	95
49) 3-Nitroaniline	14.30	138	4606	3.779	ng/ul#	76
50) Acenaphthene	14.45	153	22927	4.025	ng/ul	93
51) 2,4-Dinitrophenol	14.50	184	2190	2.401	ng/ul	92
53) 4-Nitrophenol	14.60	109	5331	4.132	ng/ul	85
54) Dibenzofuran	14.79	168	34409	4.144	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	7717	3.857	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	7213	3.859	ng/ul#	91
57) Diethylphthalate	15.22	149	28113	3.995	ng/ul	99
59) Fluorene	15.44	166	27906	4.023	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	15427	4.046	ng/ul	91
61) 4-Nitroaniline	15.46	138	4862	3.417	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.52	198	5580	4.011	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	23670	3.942	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	10347m	4.390	ng/ul	
67) Hexachlorobenzene	16.45	284	521m	0.196	ng/ul	
68) Atrazine	16.61	200	8773	3.638	ng/ul#	95
69) Pentachlorophenol	16.79	266	5443	3.233	ng/ul	95
70) Phenanthrene	17.18	178	45413	3.995	ng/ul	98
72) Anthracene	17.27	178	46840	4.016	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	12304	3.971	ng/uL	98
74) Pentachlorobenzene	14.70	250	9906	3.146	ng/uL	90
75) Carbazole	17.55	167	37452	3.730	ng/ul	99
76) Di-n-butylphthalate	18.11	149	41394	3.532	ng/ul	98
77) Fluoranthene	19.16	202	55355	3.987	ng/ul	98
80) Pvrene	19.51	202	61314	3.975	ng/ul	98
81) Butylbenzylphthalate	20.39	149	17507	3.130	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	18123	3.423	ng/ul#	98
83) Benzo(a)anthracene	21.22	228	62089	3.979	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	26110	3.110	ng/ul#	94
85) Chrysene	21.27	228	62114	4.062	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	46484	2.931	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	66500	3.950	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	63761	3.839	ng/ul	99
91) Benzo(a)pyrene	23.42	252	59513	4.027	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	76115	4.031	ng/ul	95
93) Dibenzo(a,h)anthracene	25.87	278	64566	4.041	ng/ul	98
94) Benzo(a,h,i)perylene	26.58	276	62120	3.972	ng/ul	95

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ALS Vial : 13 Sample Multiplier: 1

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MDL-WATER-07

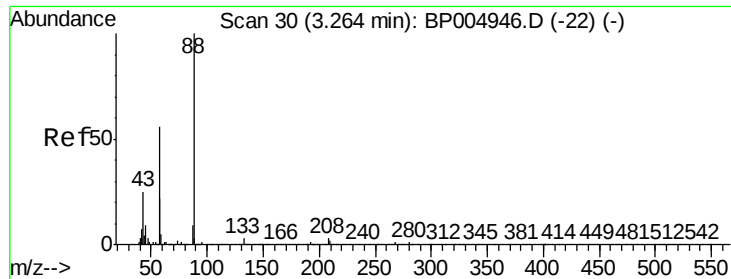
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.113 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Instrument :

BNA_P

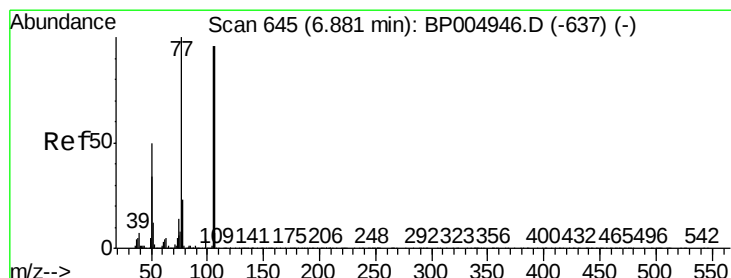
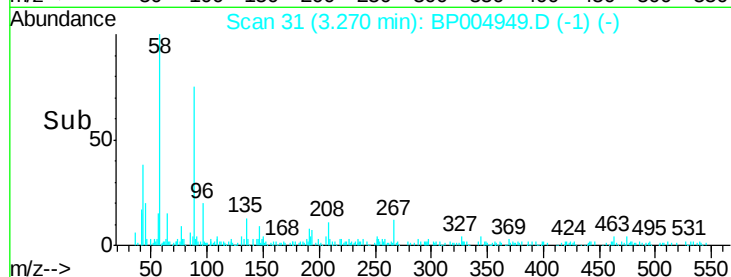
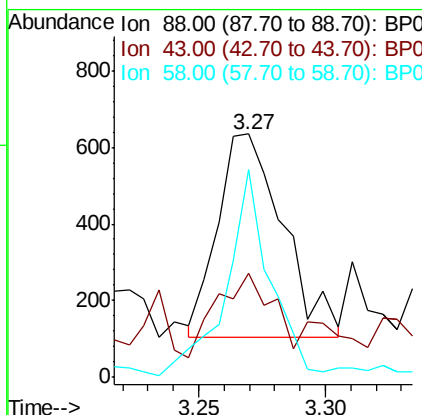
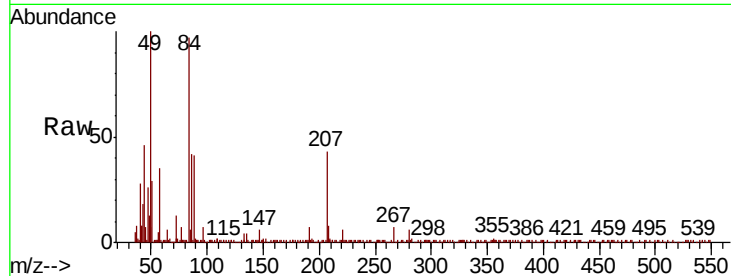
ClientSampleId :

MDL-WATER-07

Tot Ion:	88	Resp:	957
Ion Ratio	Lower	Upper	
88	100		
43	43.0	26.0	39.0#
58	87.6	52.0	78.0#

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#4

Benzaldehyde

Concen: 5.548 ng/uL

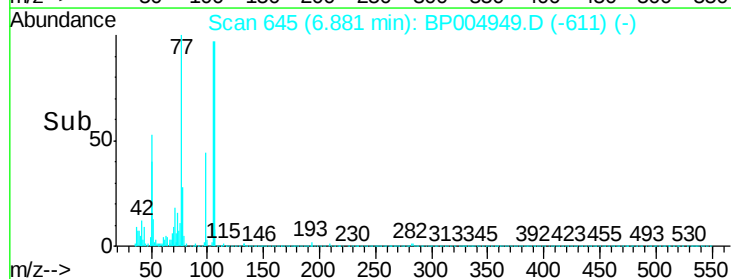
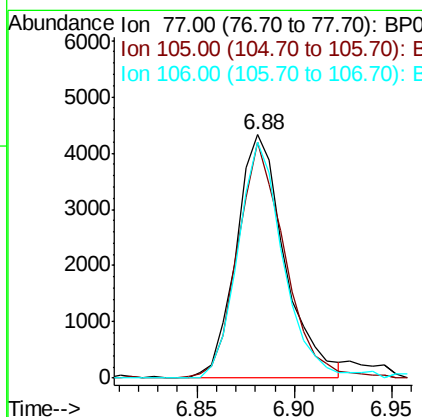
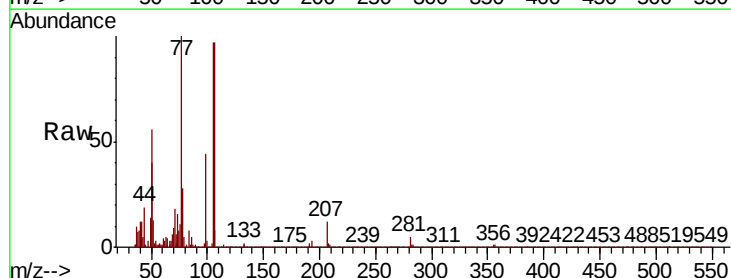
RT: 6.88 min Scan# 645

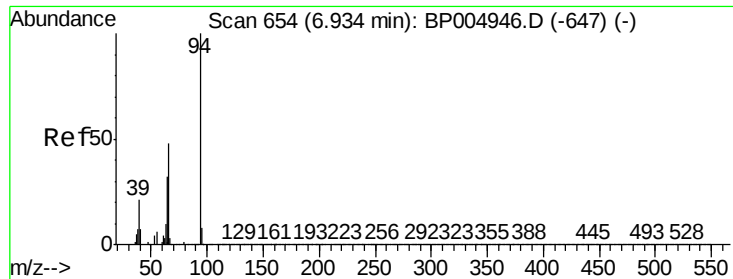
Delta R.T. 0.00 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Tgt Ion:	77	Resp:	7474
Ion Ratio	Lower	Upper	
77	100		
105	96.7	73.6	110.4
106	96.7	71.3	106.9





#6

Phenol

Concen: 3.630 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Instrument :

BNA_P

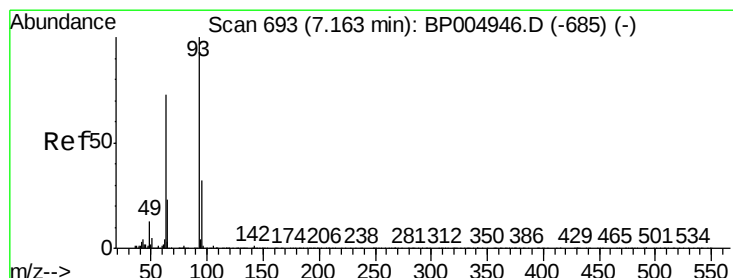
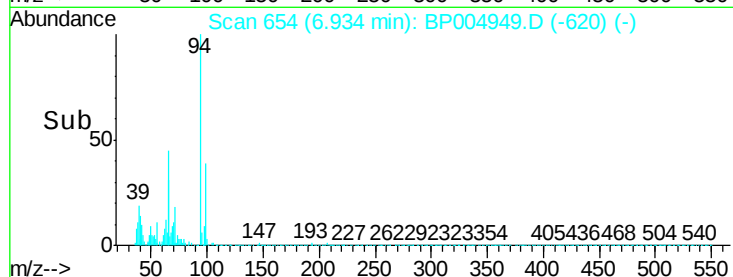
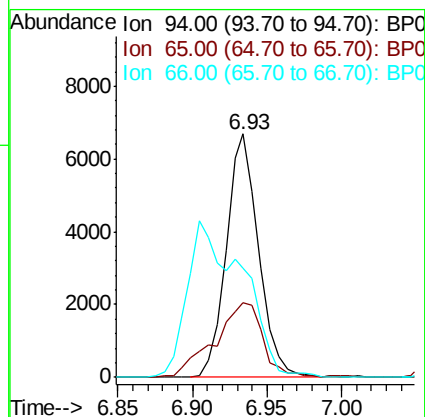
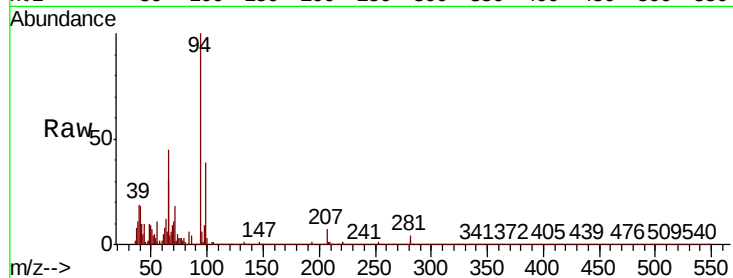
ClientSampleId :

MDL-WATER-07

Tot Ion:	94	Resp:	10066
Ion Ratio	Lower	Upper	
94	100		
65	30.9	27.6	41.4
66	45.1	39.0	58.6

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#8

Bis(2-Chloroethyl)ether

Concen: 3.973 ng/ul

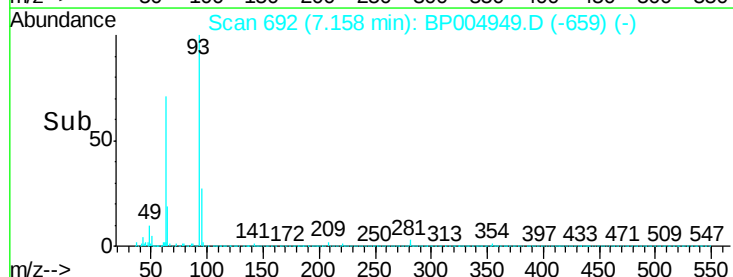
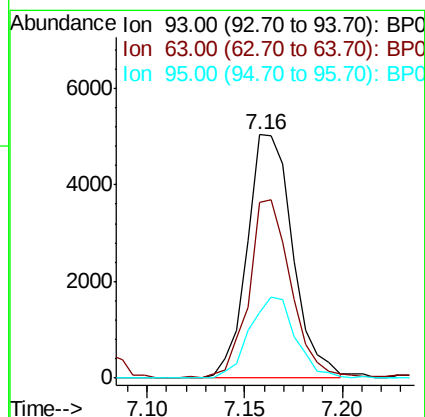
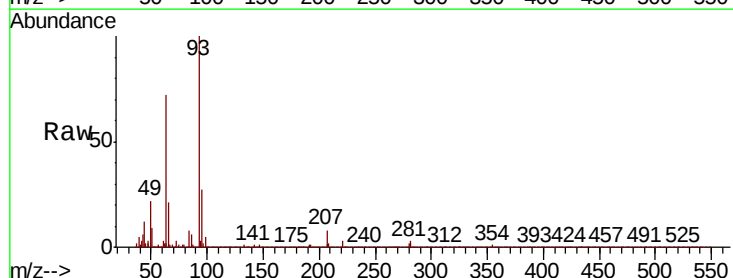
RT: 7.16 min Scan# 692

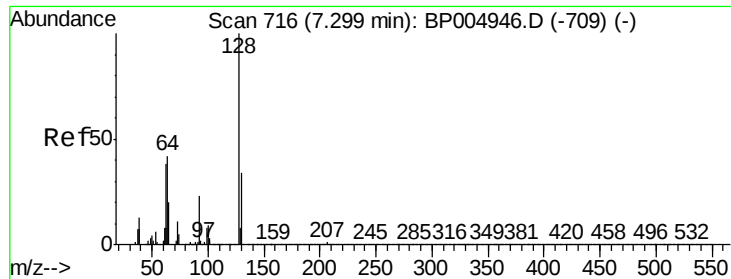
Delta R.T. -0.01 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Tgt Ion:	93	Resp:	8130
Ion Ratio	Lower	Upper	
93	100		
63	71.9	54.2	81.2
95	27.2	24.5	36.7





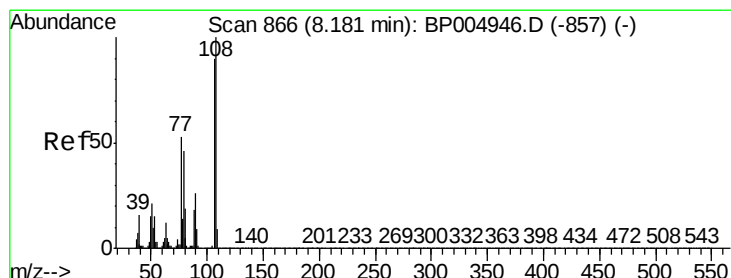
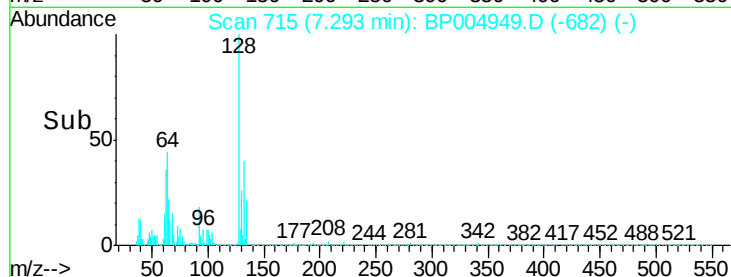
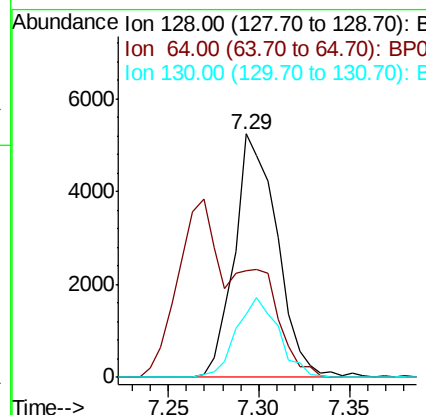
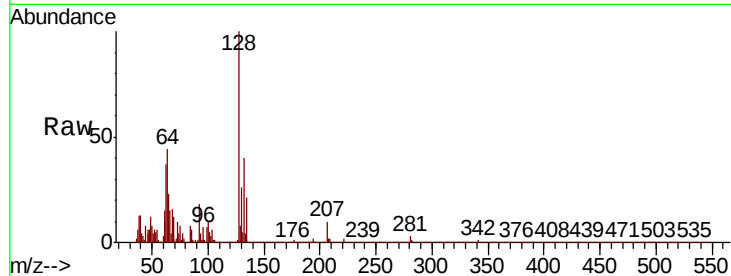
#10
2-Chlorophenol
Concen: 4.049 ng/ul
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100	8596		
64	43.7		38.7	58.1
130	25.9		26.5	39.7

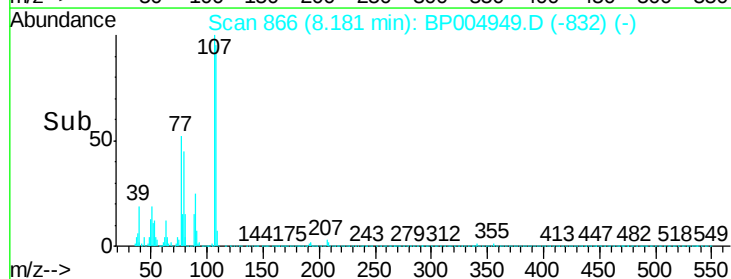
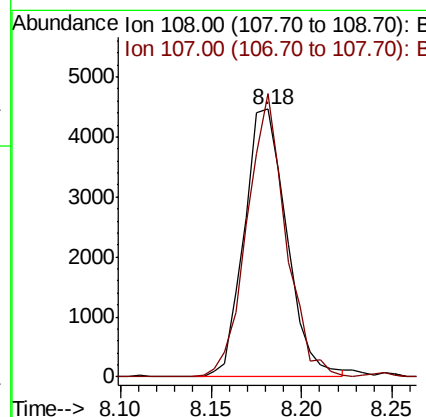
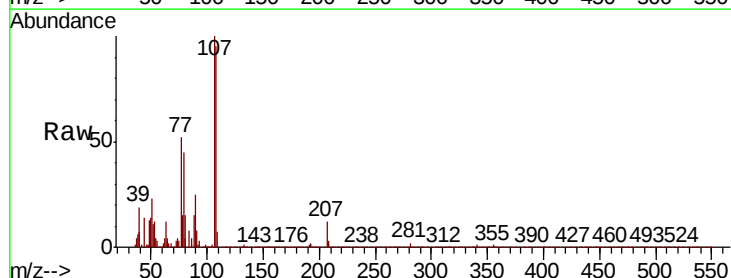
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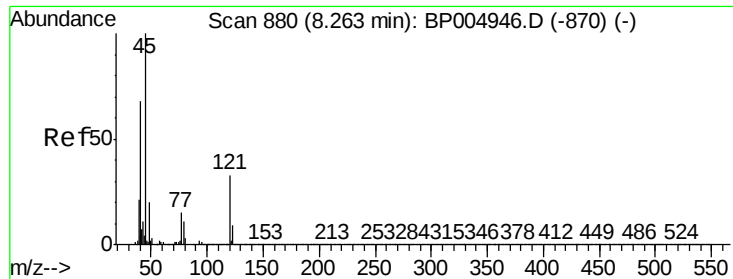
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#11
2-Methylphenol
Concen: 3.464 ng/ul
RT: 8.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	7304		
107	105.8		77.5	116.3





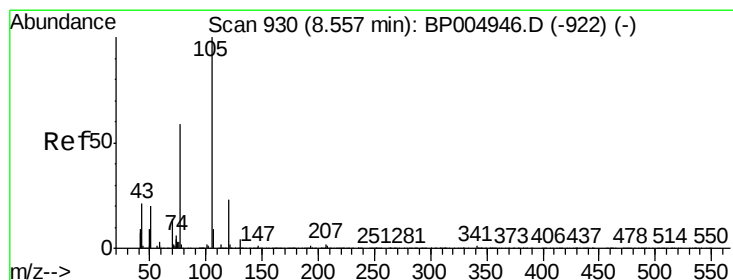
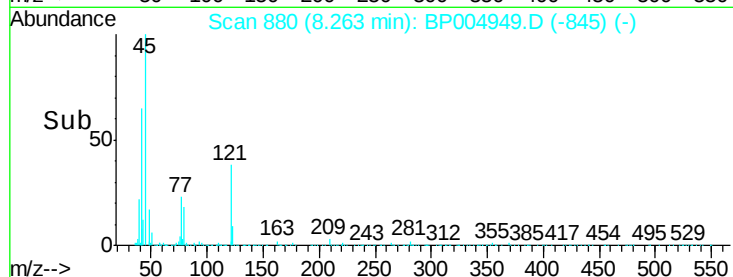
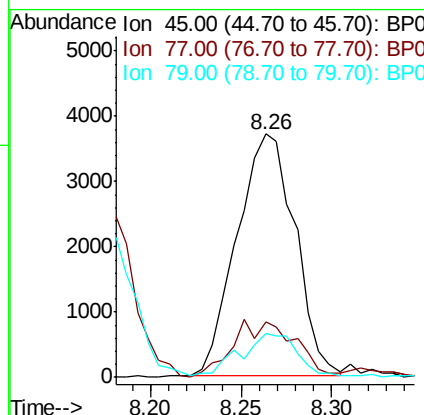
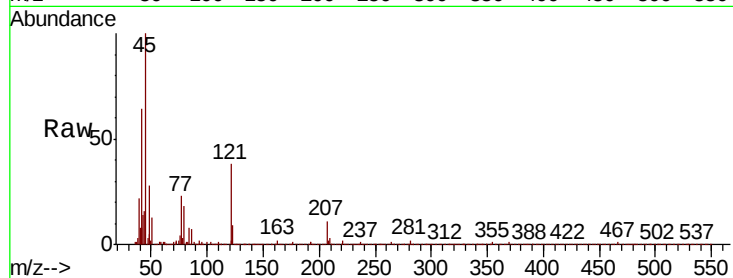
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.790 ng/ul
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP004949.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	22.7	16.5	24.7
79	17.9	11.8	17.6

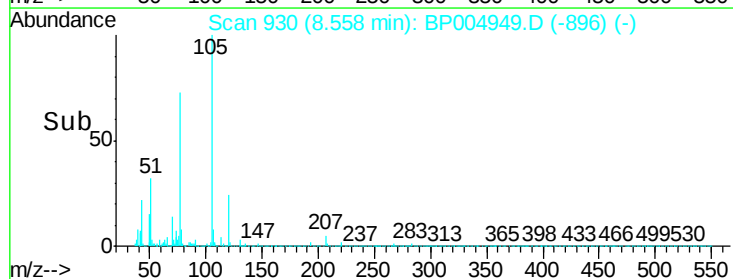
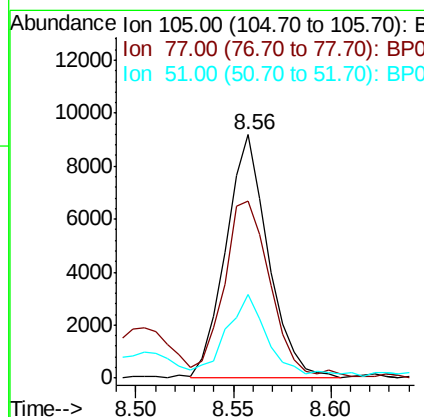
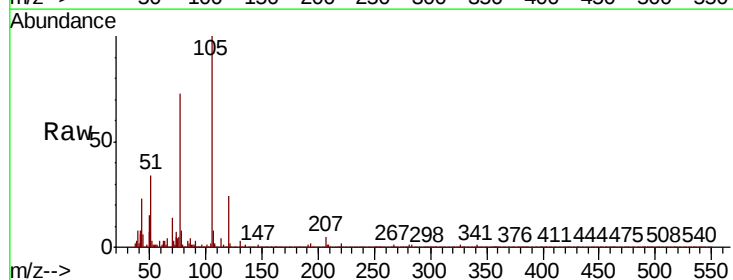
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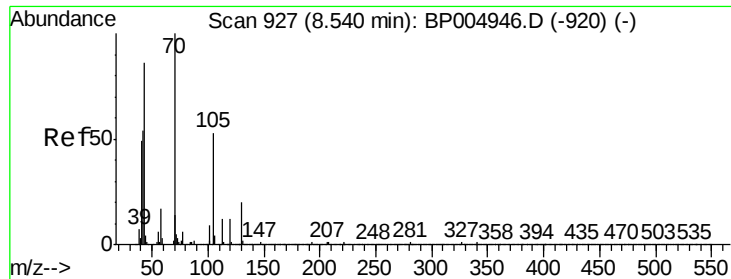
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#14
Acetophenone
Concen: 3.791 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	72.8	65.8	98.6
51	34.1	23.1	34.7





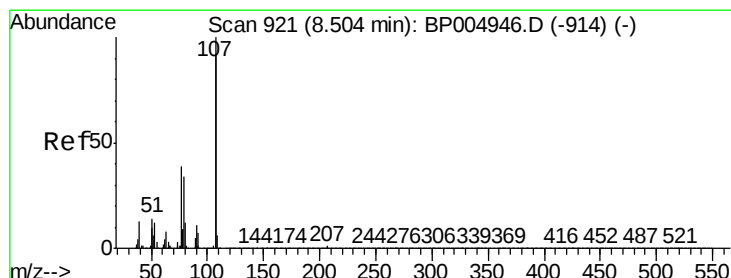
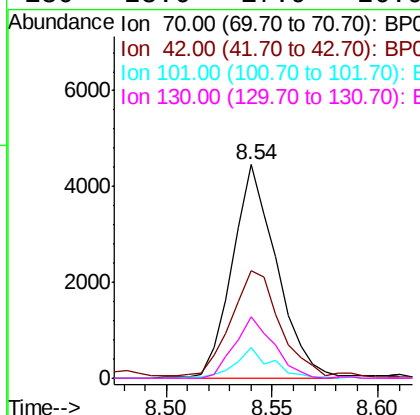
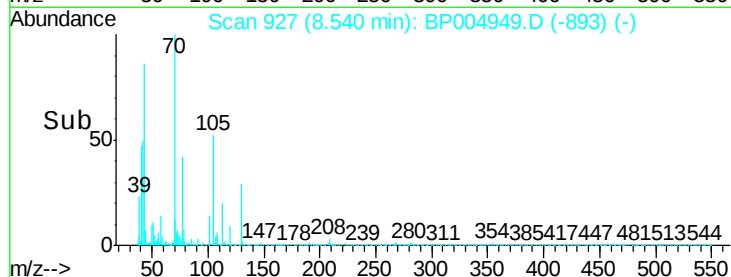
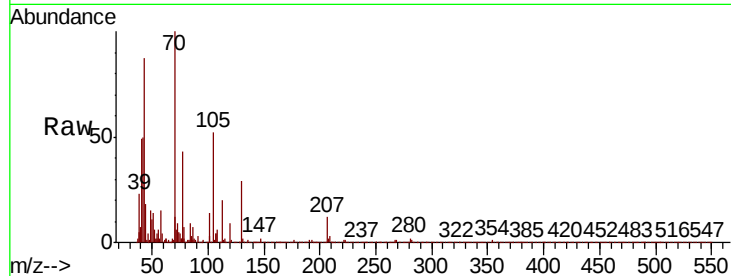
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N-Nitroso-di-n-propylamine
Concen: 3.725 ng/ul
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:	70	Resp:	6456
Ion Ratio	Lower	Upper	
70	100		
42	50.3	46.6	70.0
101	14.4	8.8	13.2#
130	28.6	17.9	26.9#

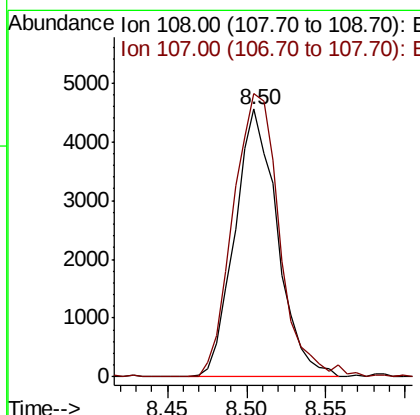
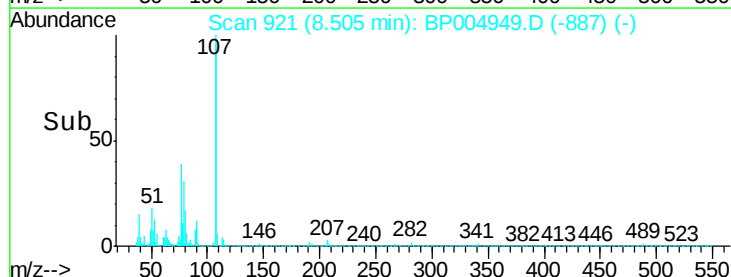
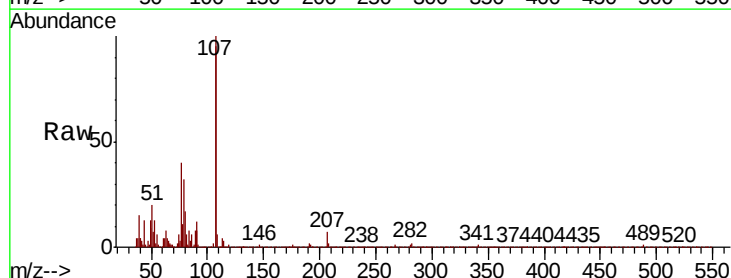
Manual Integrations
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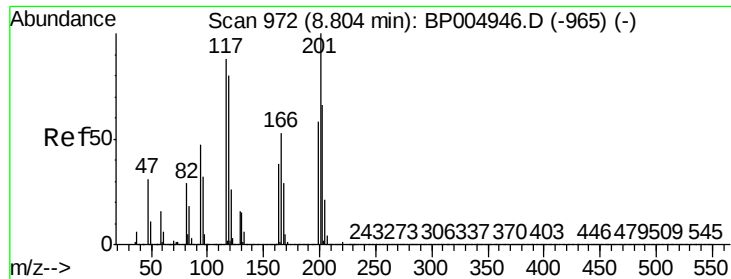
mohammad
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#16
4-Methylphenol
Concen: 3.653 ng/ul
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:	108	Resp:	8504
Ion Ratio	Lower	Upper	
108	100		
107	105.7	92.8	139.2





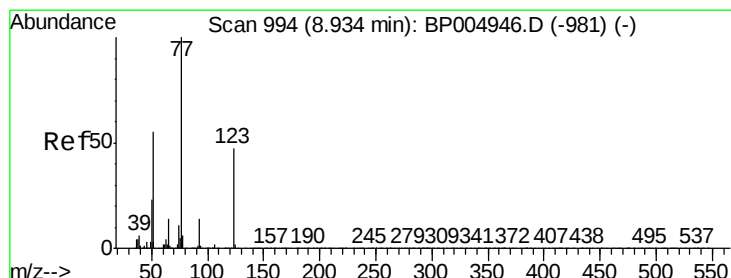
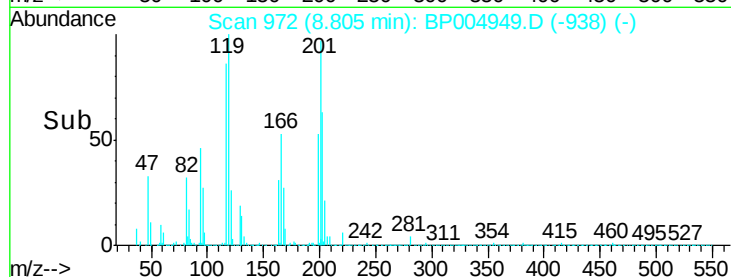
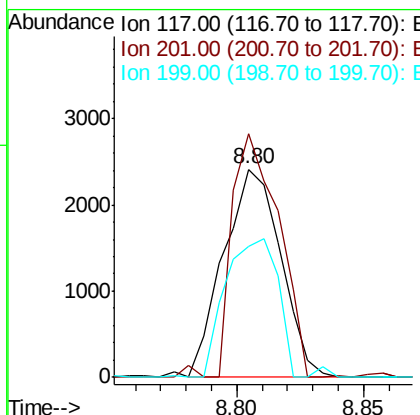
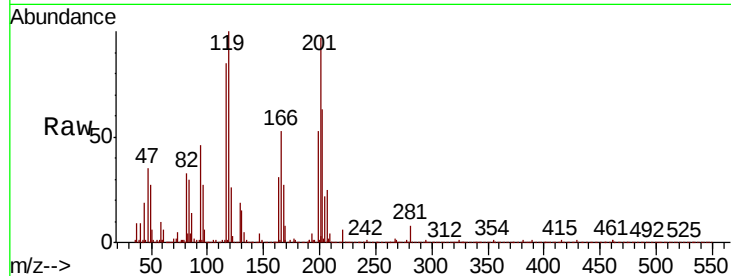
#17
Hexachloroethane
Concen: 3.839 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
117	100		
201	116.3	82.4	123.6
199	62.7	44.6	66.8

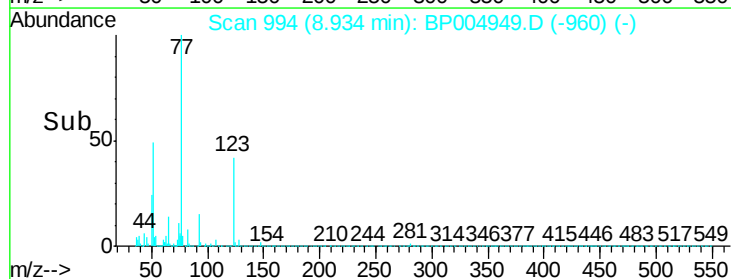
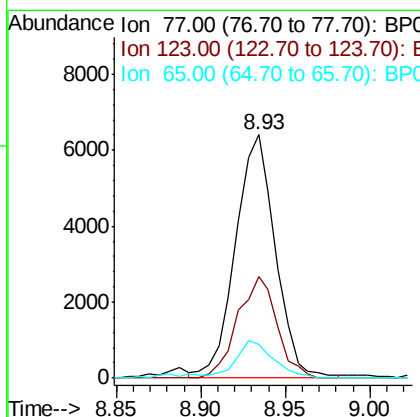
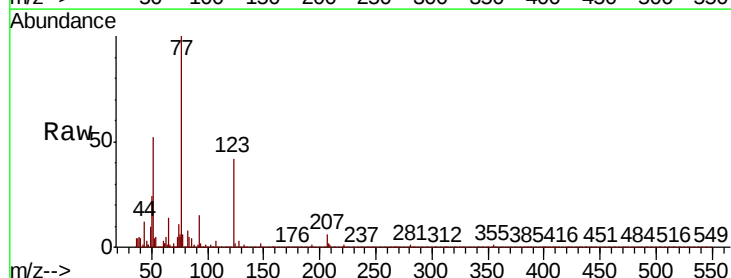
Manual Integrations
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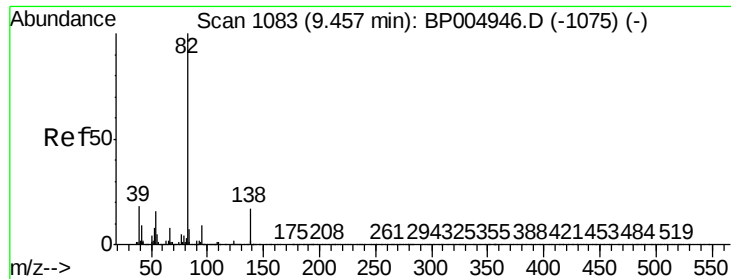
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#20
Nitrobenzene
Concen: 4.056 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.7	49.1
65	14.0	10.9	16.3





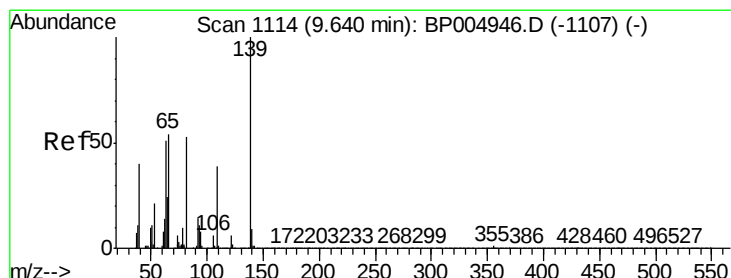
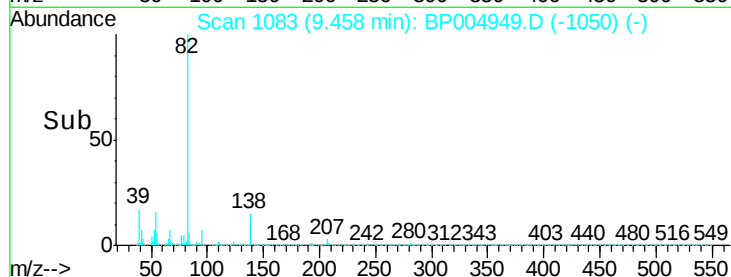
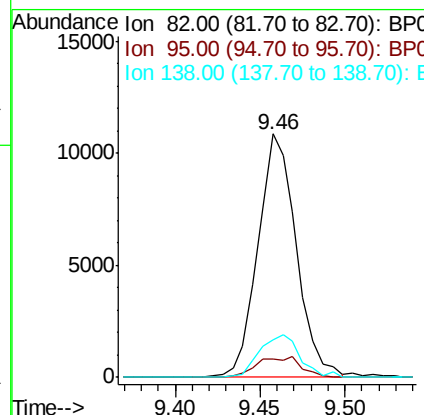
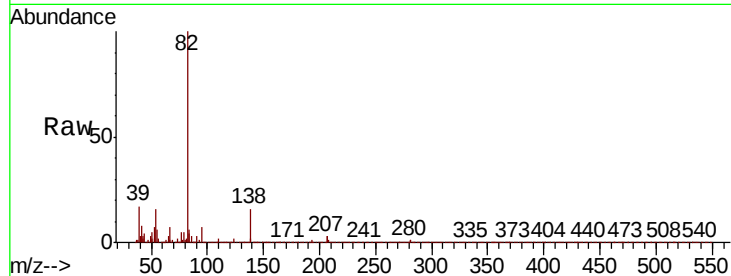
#21
Isophorone
Concen: 3.826 ng/ul m
RT: 9.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	8.0	12.0#
138	15.5	13.8	20.6

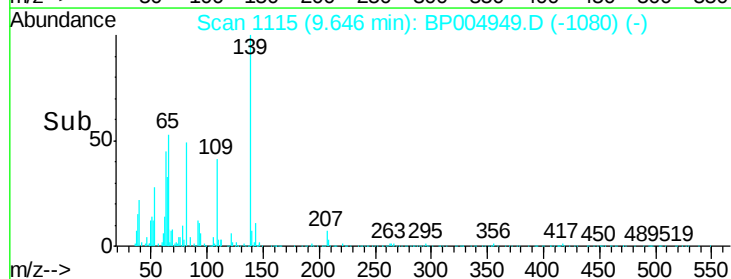
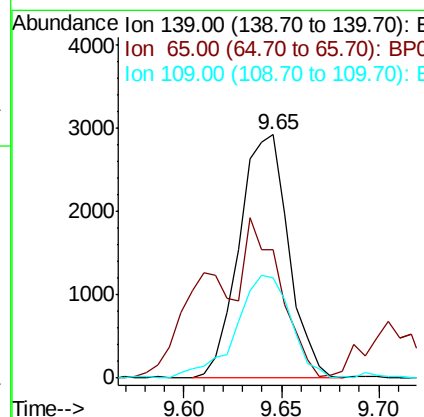
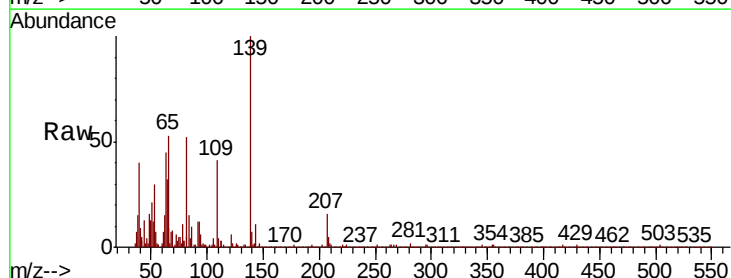
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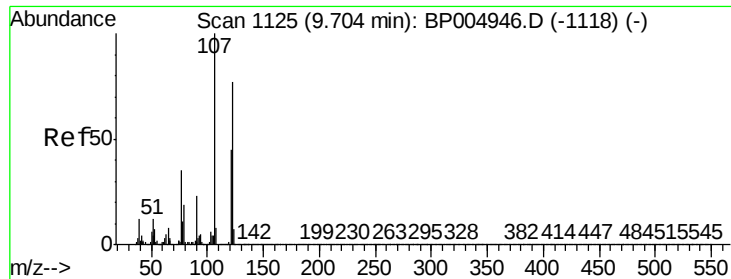
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#23
2-Nitrophenol
Concen: 4.412 ng/ul
RT: 9.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
139	100		
65	52.5	48.7	73.1
109	41.0	35.4	53.0





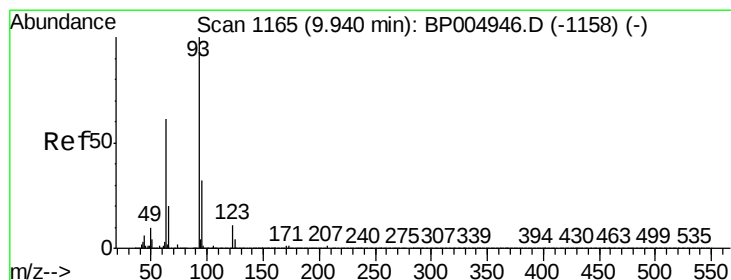
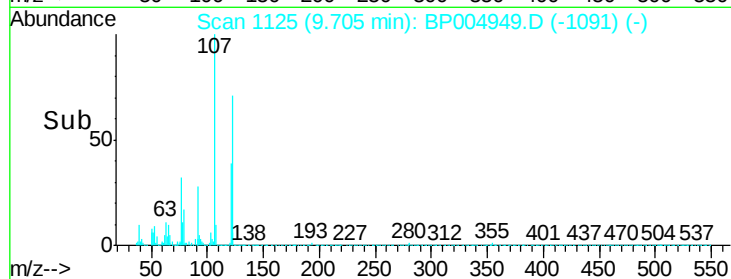
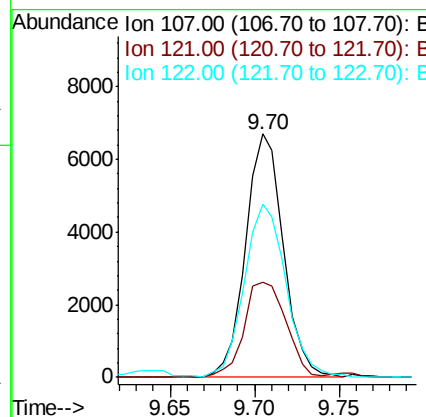
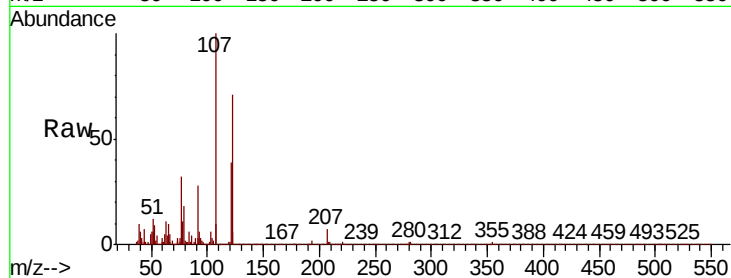
#24
2,4-Dimethylphenol
Concen: 3.911 ng/ul
RT: 9.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
107	100		
121	38.9	35.9	53.9
122	71.0	55.7	83.5

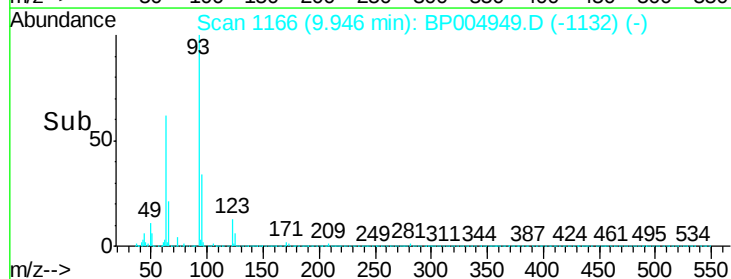
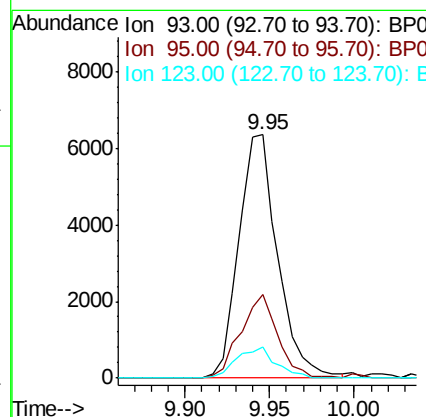
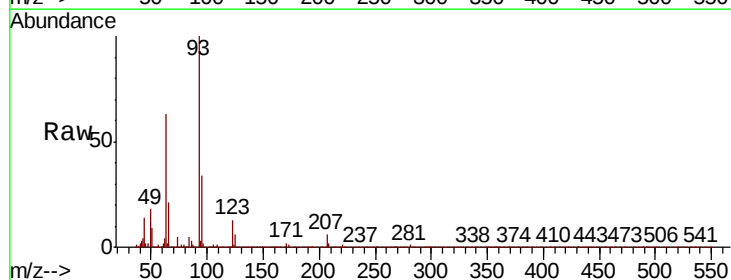
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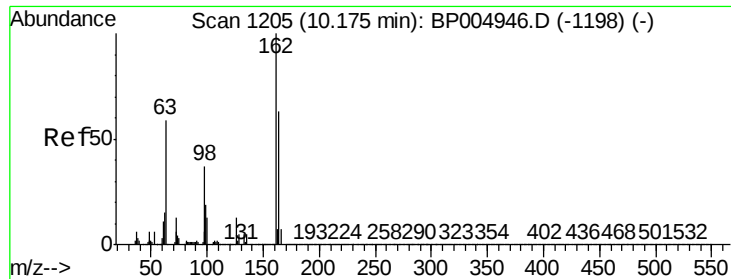
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.795 ng/ul
RT: 9.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.4	38.0
123	12.9	9.8	14.8





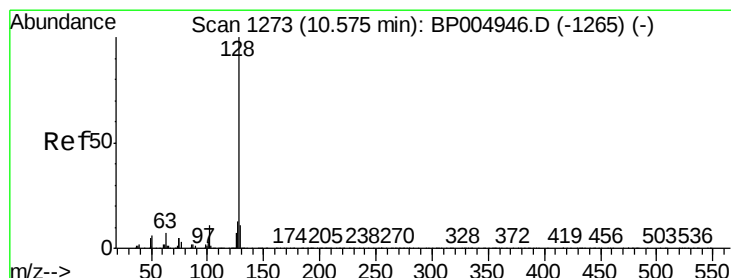
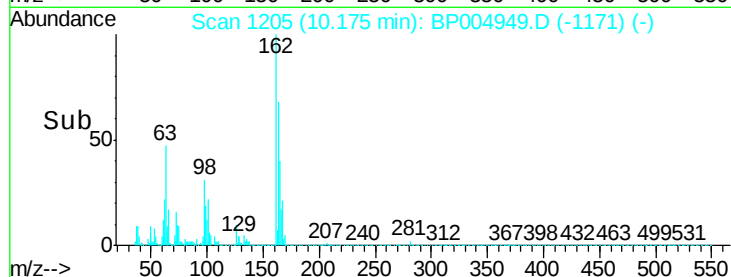
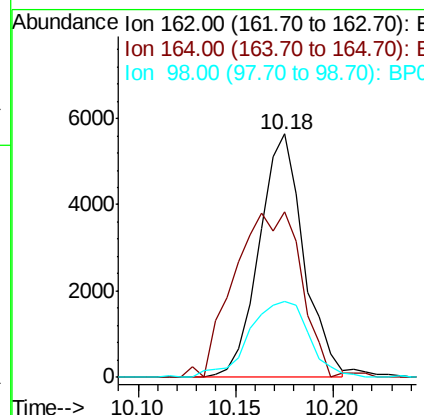
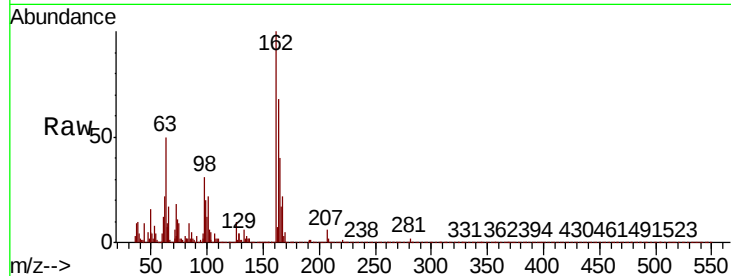
#27
2,4-Dichlorophenol
Concen: 4.298 ng/ul
RT: 10.18 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:	162	Resp:	8868
Ion Ratio	Lower	Upper	
162	100		
164	67.9	46.3	69.5
98	31.4	30.3	45.5

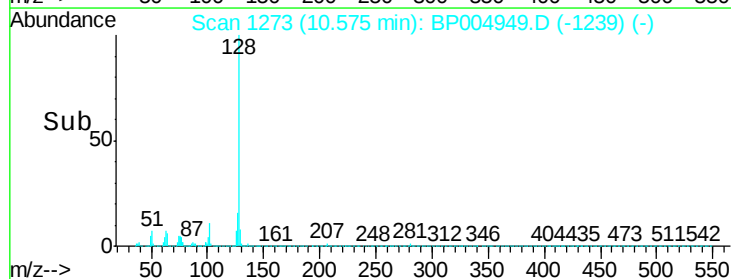
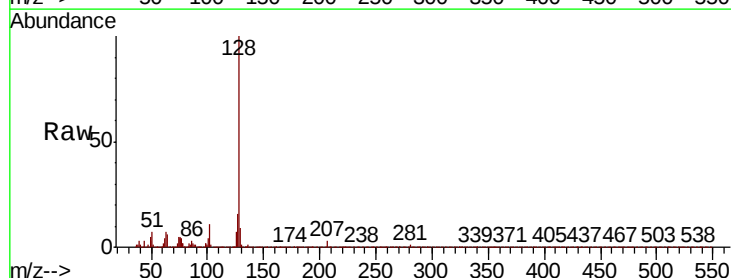
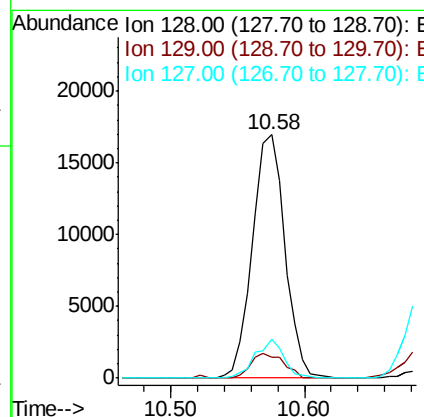
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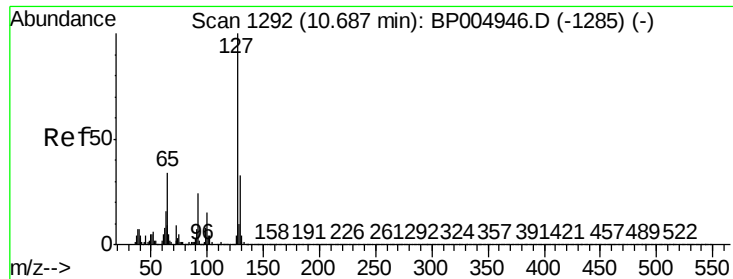
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#28
Naphthalene
Concen: 4.174 ng/ul
RT: 10.58 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:	128	Resp:	28415
Ion Ratio	Lower	Upper	
128	100		
129	8.6	8.4	12.6
127	15.7	11.0	16.4





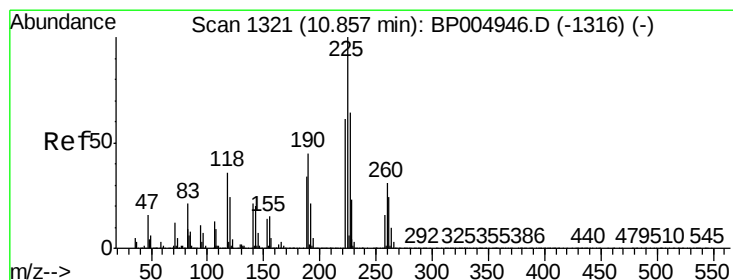
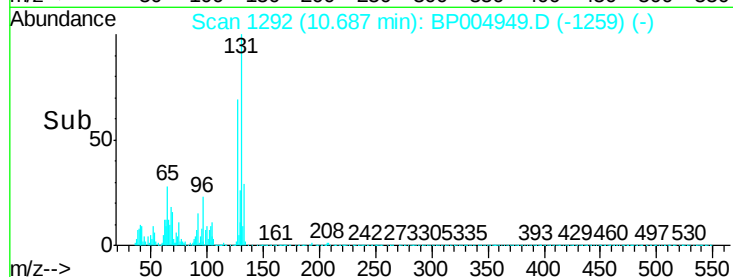
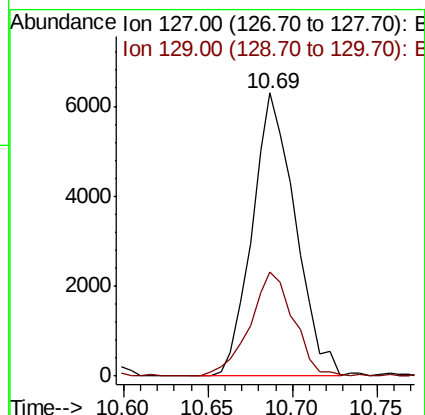
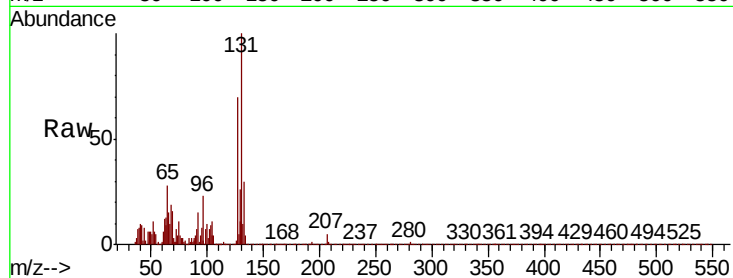
#30
4-Chloroaniline
Concen: 4.677 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:127 Resp: 11145
Ion Ratio Lower Upper
127 100
129 36.7 27.0 40.4

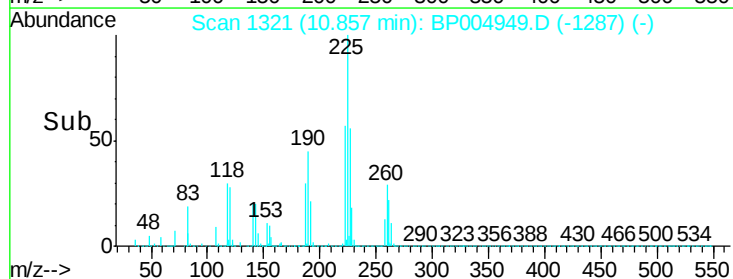
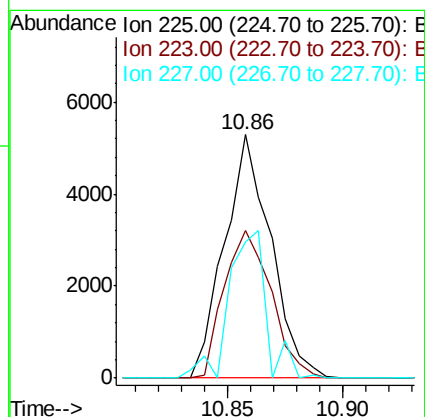
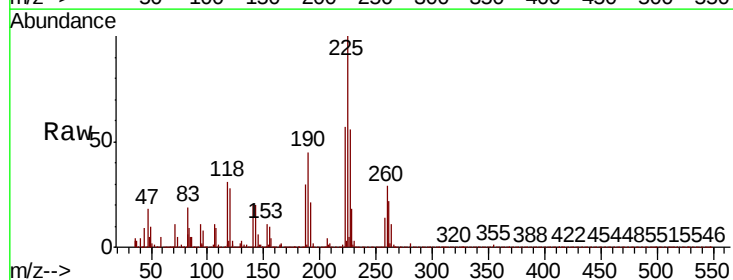
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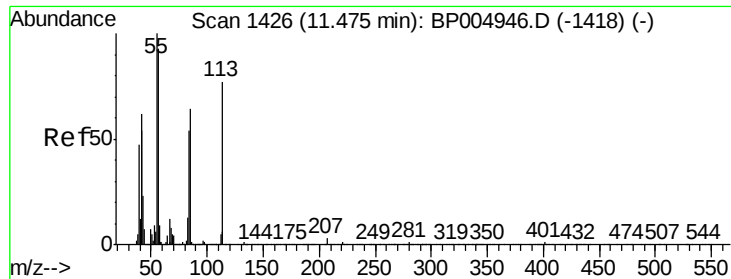
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#31
Hexachlorobutadiene
Concen: 4.638 ng/ul
RT: 10.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:225 Resp: 7399
Ion Ratio Lower Upper
225 100
223 60.7 51.0 76.6
227 59.0 48.1 72.1





#32

Caprolactam

Concen: 3.655 ng/ul m

RT: 11.50 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Instrument :

BNA_P

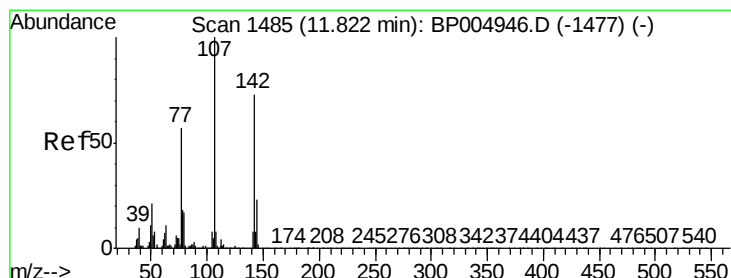
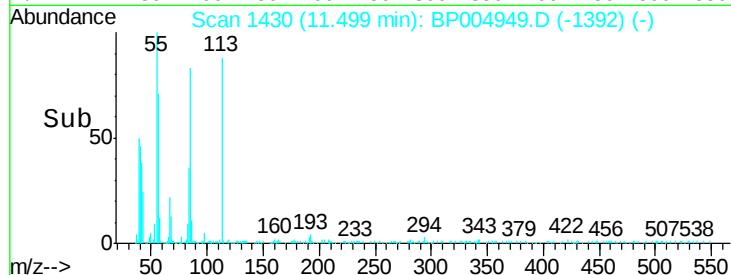
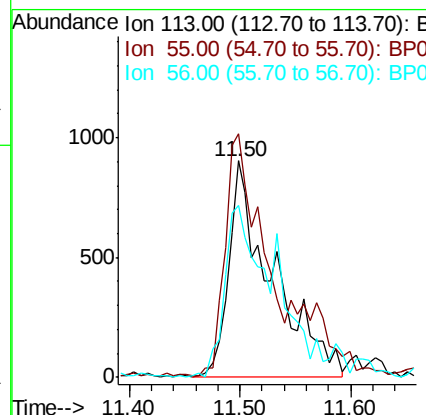
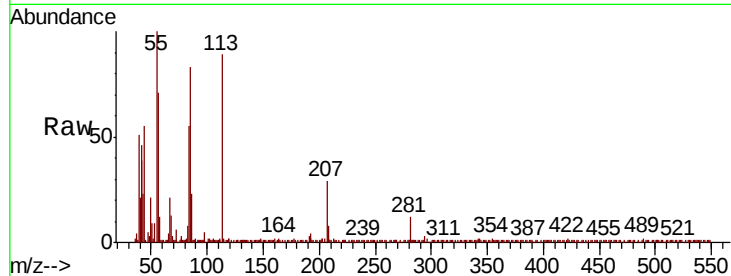
ClientSampled :

MDL-WATER-07

Tot Ion:	113	Resp:	2460
Ion Ratio	Lower	Upper	
113	100		
55	112.4	96.7	145.1
56	79.3	85.7	128.5#

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#33

4-Chloro-3-methylphenol

Concen: 3.406 ng/ul

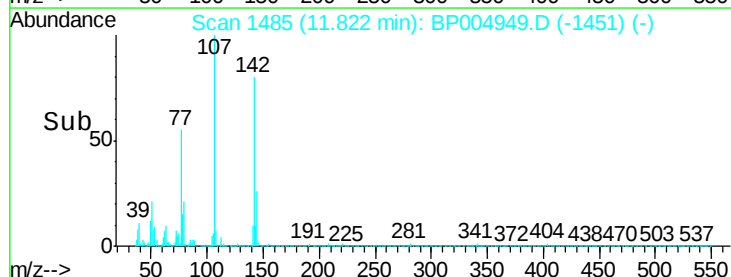
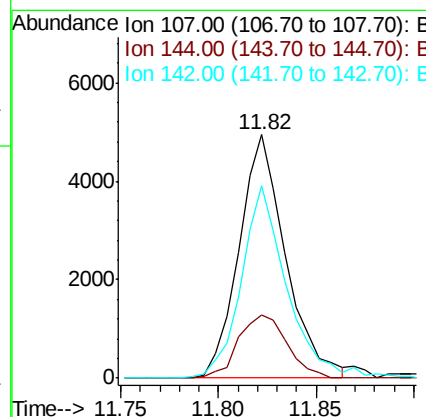
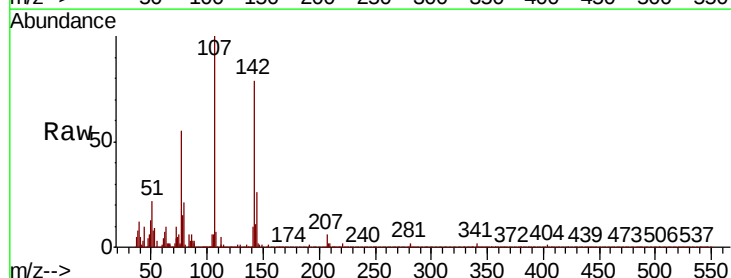
RT: 11.82 min Scan# 1485

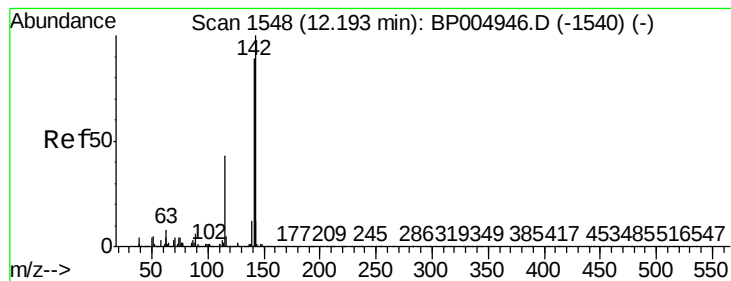
Delta R.T. 0.00 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Tgt Ion:	107	Resp:	8174
Ion Ratio	Lower	Upper	
107	100		
144	26.1	17.4	26.0#
142	79.2	53.6	80.4





#34

2-Methylnaphthalene

Concen: 4.038 ng/ul

RT: 12.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-07

Tot Ion:142 Resp: 19883

Ion Ratio Lower Upper

142 100

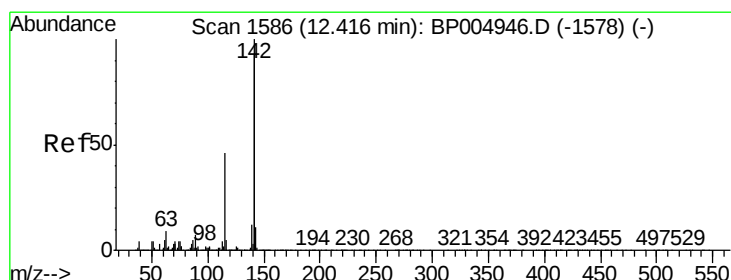
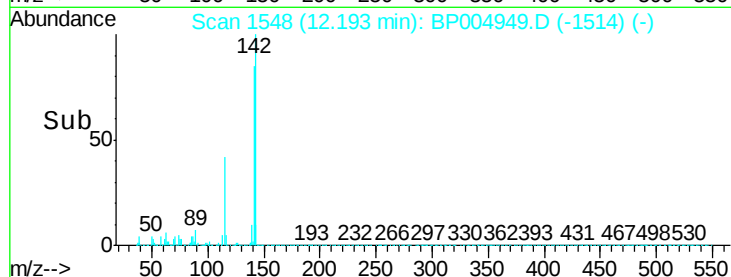
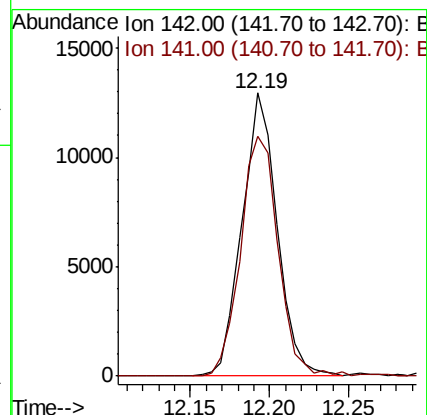
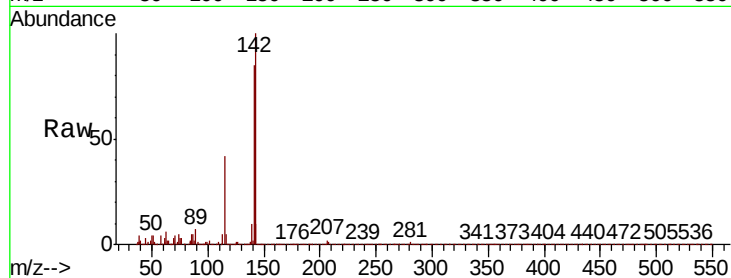
141 84.9 73.5 110.3

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#35

1-Methylnaphthalene

Concen: 3.823 ng/ul

RT: 12.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

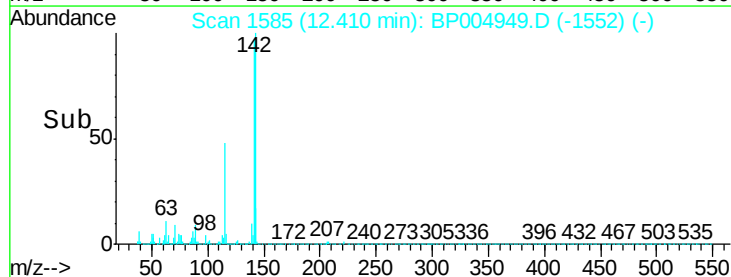
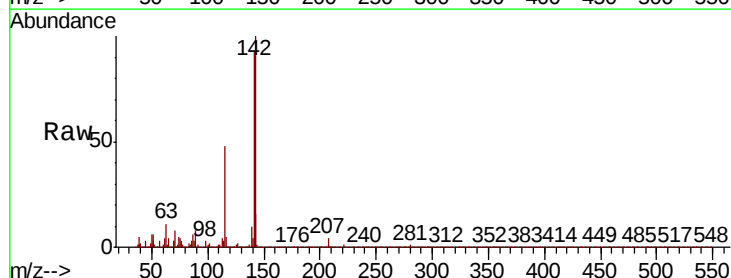
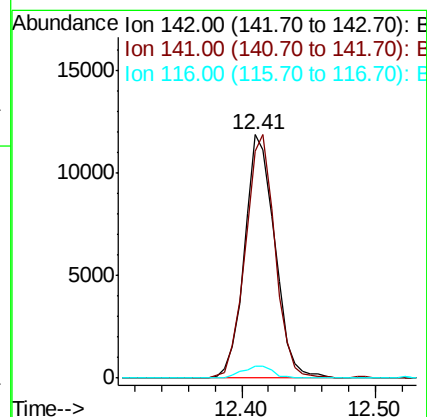
Tgt Ion:142 Resp: 18523

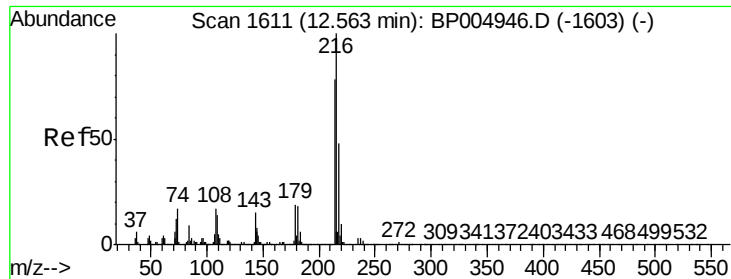
Ion Ratio Lower Upper

142 100

141 93.3 74.6 111.8

116 4.7 3.6 5.4





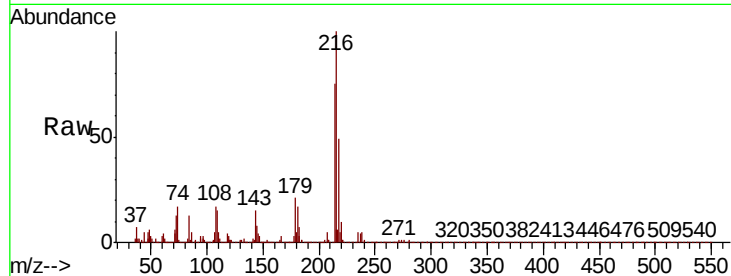
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.306 ng/ul
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

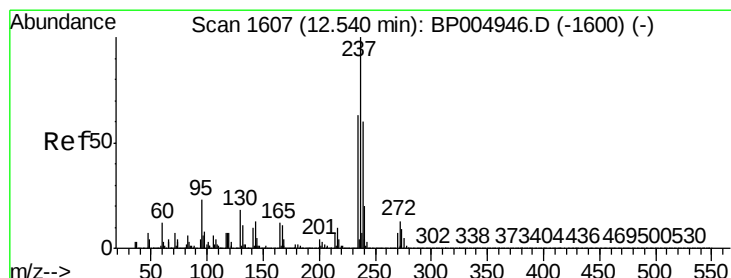
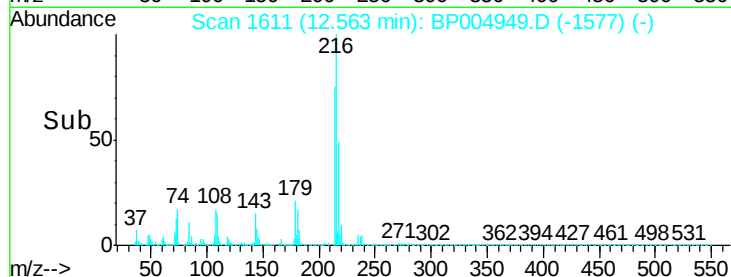
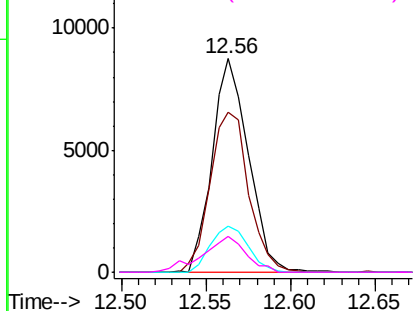
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		13099		
214	76.4	62.9	94.3		
179	20.2	16.6	24.8		
108	15.9	13.3	19.9		

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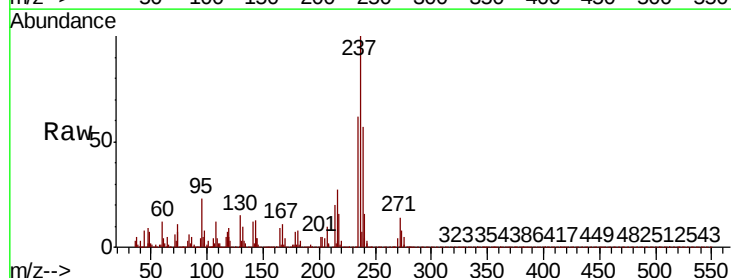


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

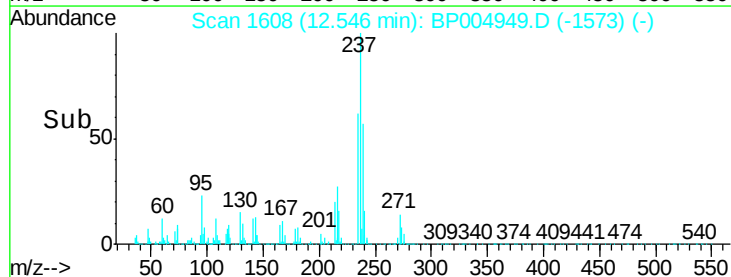
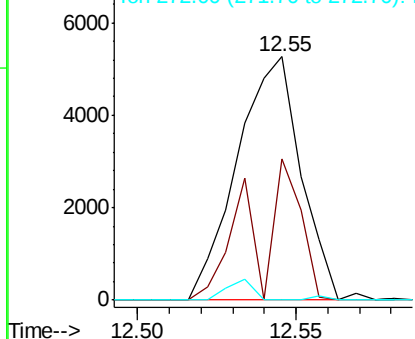


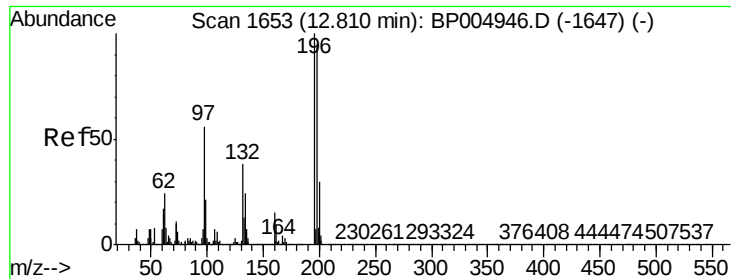
#38
 Hexachlorocyclopentadiene
 Concen: 3.706 ng/ul
 RT: 12.55 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		7314		
235	57.9	49.0	73.6		
272	0.2	10.6	15.8#		



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





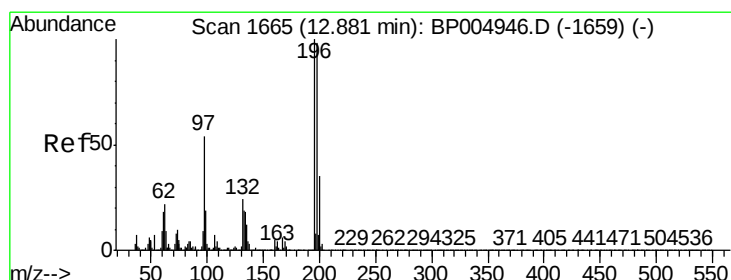
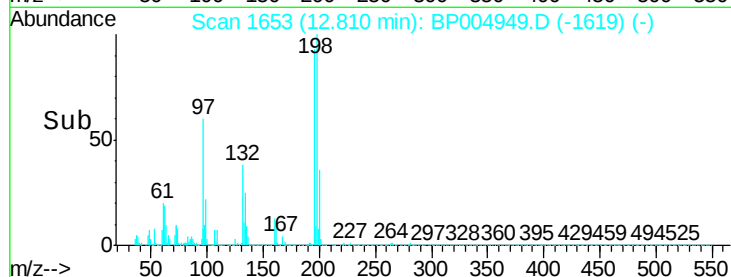
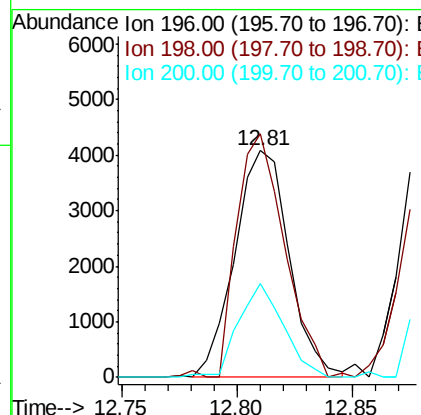
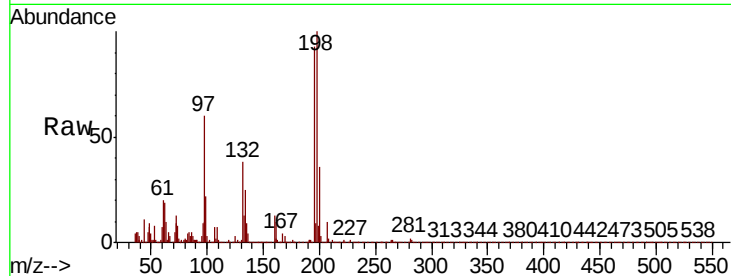
#39
 2,4,6-Trichlorophenol
 Concen: 3.707 ng/ul
 RT: 12.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
196	100		
198	107.3	78.2	117.2
200	41.1	24.5	36.7

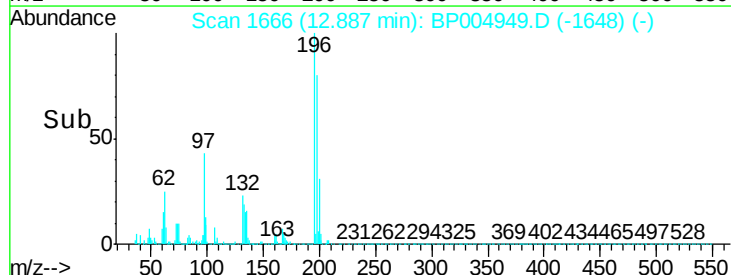
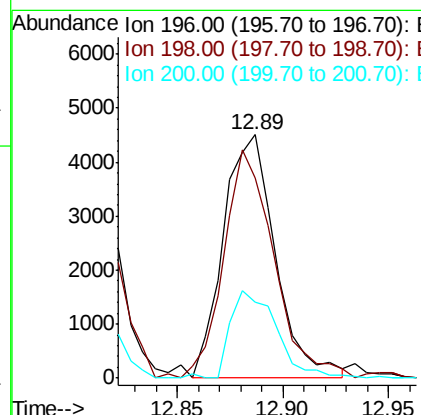
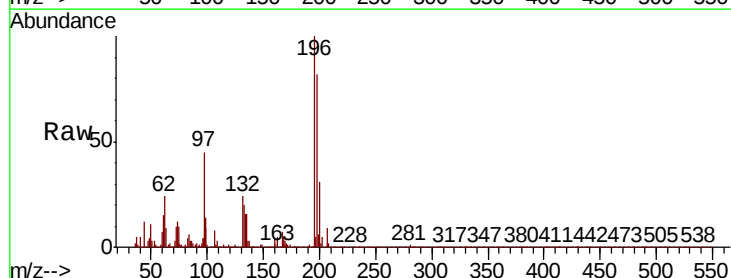
Manual Integrations
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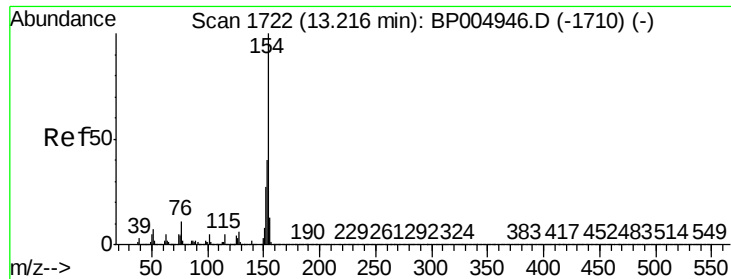
mohammad
 3/10/2021 11:54:28 AM



#40
 2,4,5-Trichlorophenol
 Concen: 3.913 ng/ul
 RT: 12.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	83.9	80.0	120.0
200	30.0	24.8	37.2





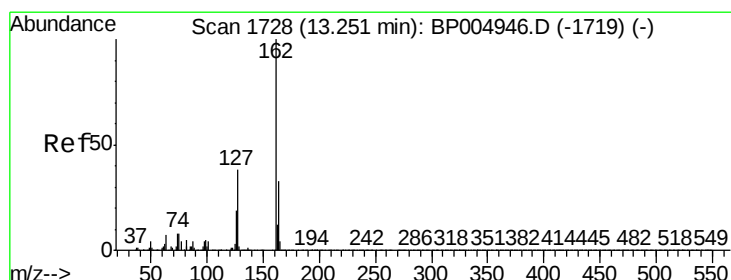
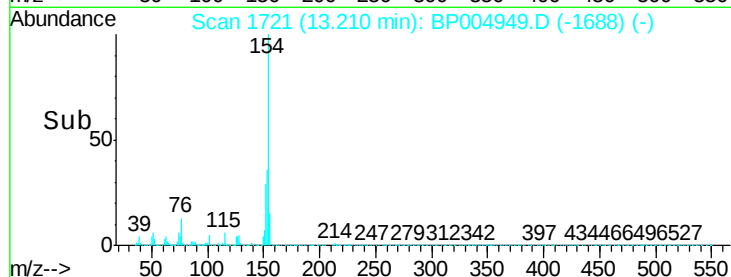
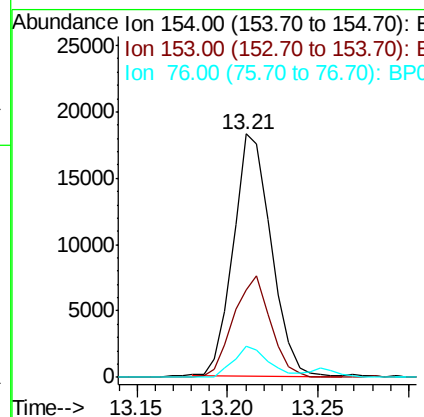
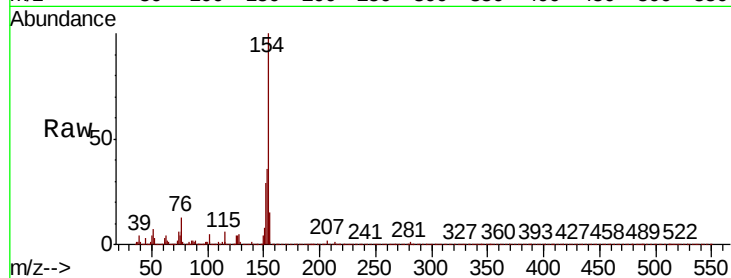
#41
1,1'-Biphenyl
Concen: 3.936 ng/ul
RT: 13.21 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:	154	Resp:	26444
Ion Ratio	Lower	Upper	
154	100		
153	36.1	32.4	48.6
76	12.7	9.8	14.8

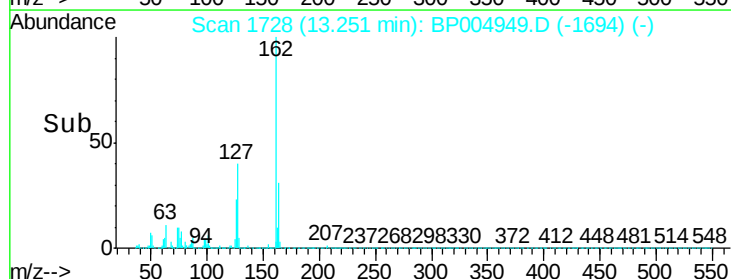
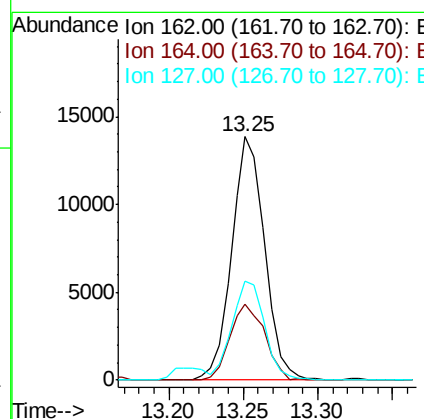
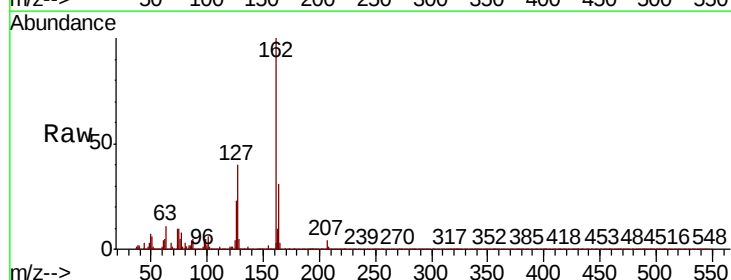
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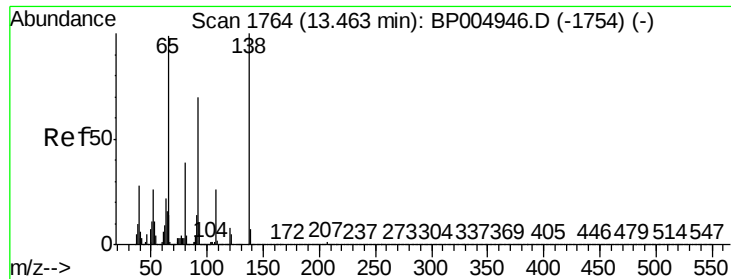
mohammad
3/10/2021 11:54:28 AM



#42
2-Chloronaphthalene
Concen: 4.067 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:	162	Resp:	21420
Ion Ratio	Lower	Upper	
162	100		
164	31.1	28.1	42.1
127	40.4	32.6	49.0





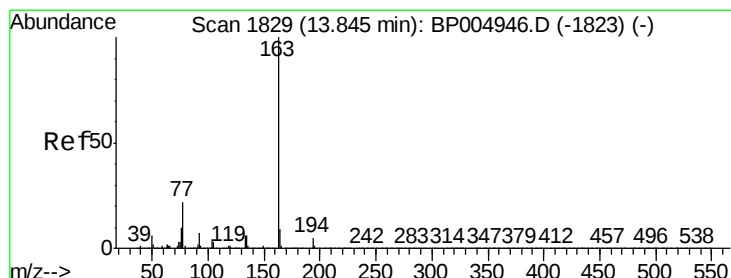
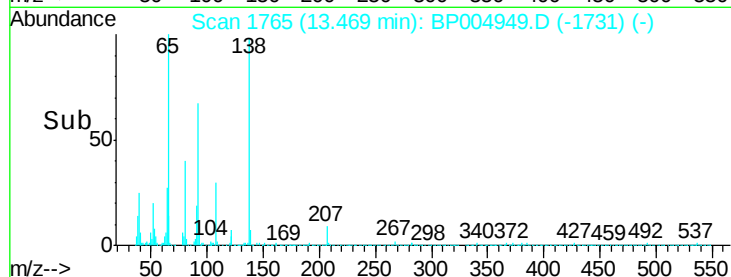
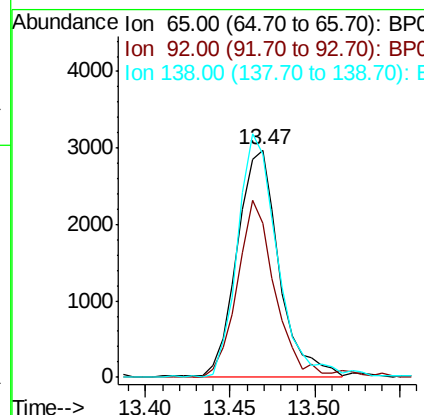
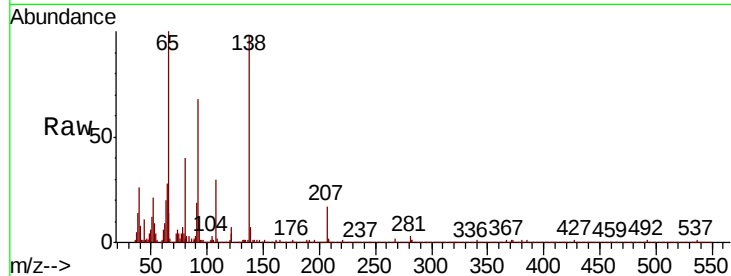
#43
2-Nitroaniline
Concen: 3.359 ng/ul
RT: 13.47 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	56.1	84.1
138	98.1	80.3	120.5

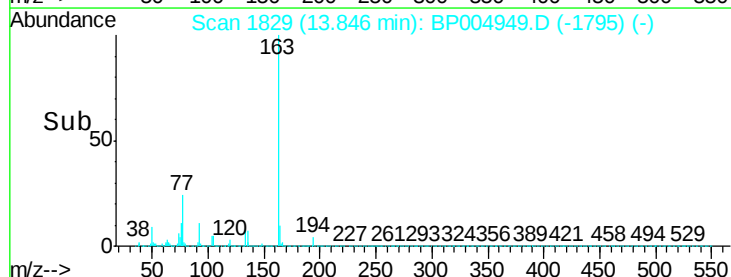
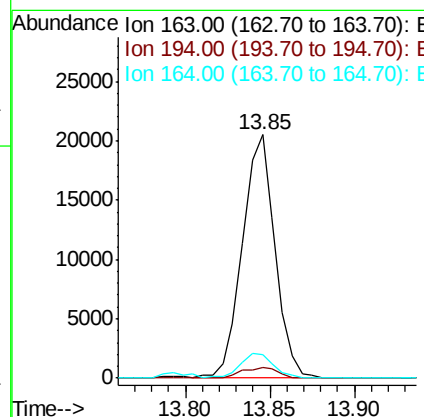
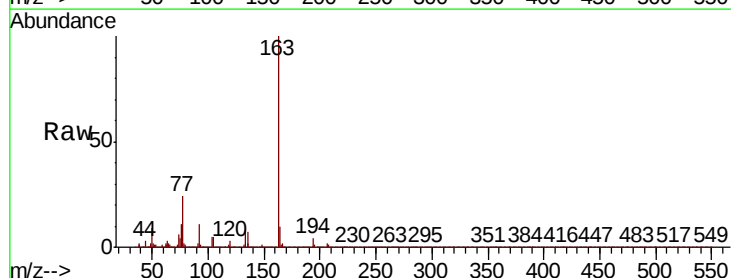
Manual Integrations
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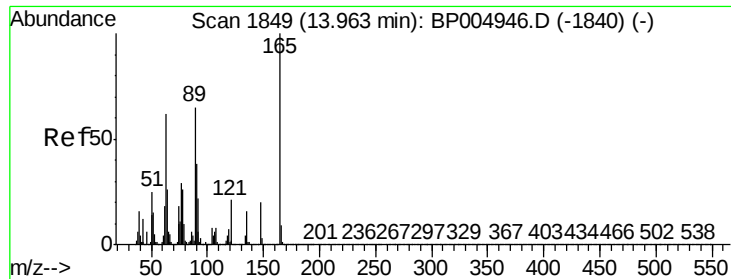
mohammad
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#45
Dimethylphthalate
Concen: 3.999 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	9.7	7.8	11.6





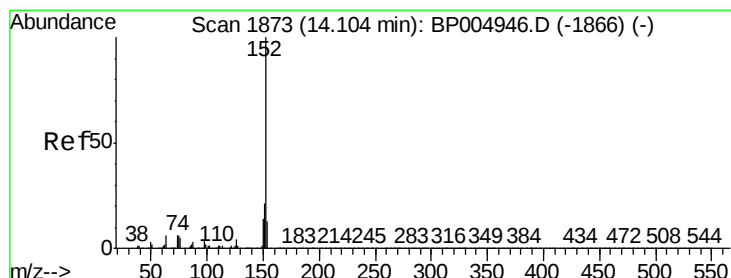
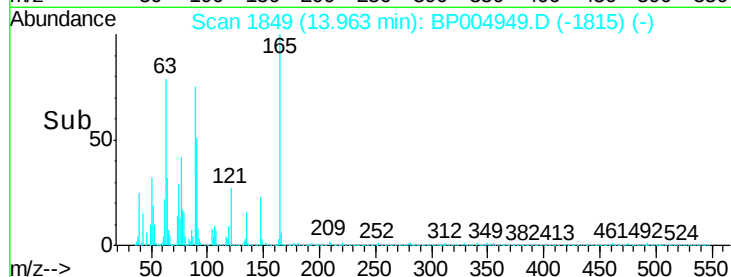
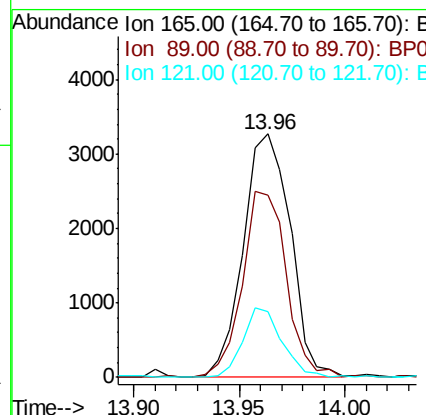
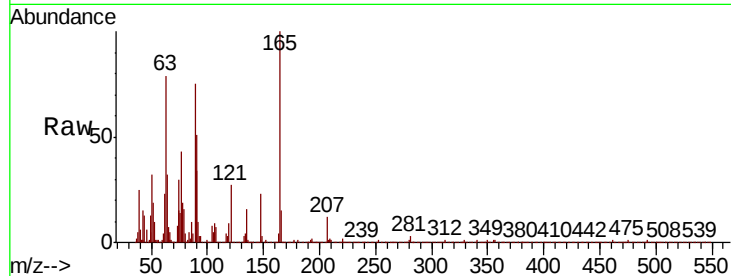
#46
2,6-Dinitrotoluene
Concen: 3.657 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
165	100		
89	74.8	56.0	84.0
121	27.2	18.7	28.1

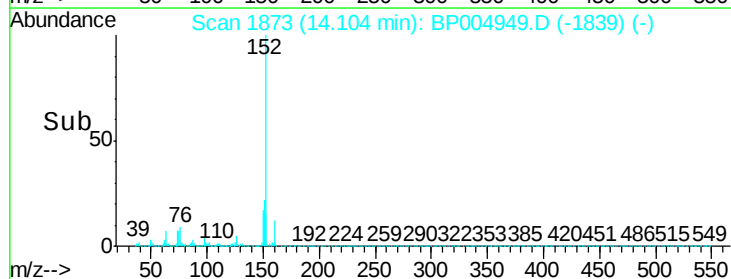
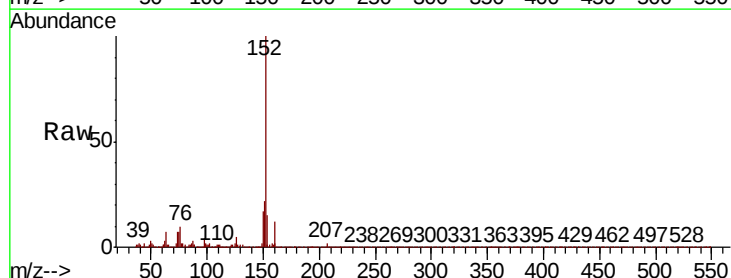
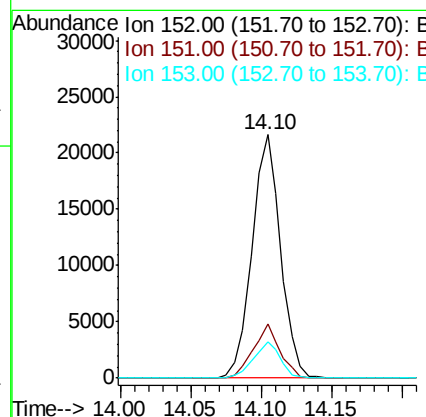
Manual Integrations
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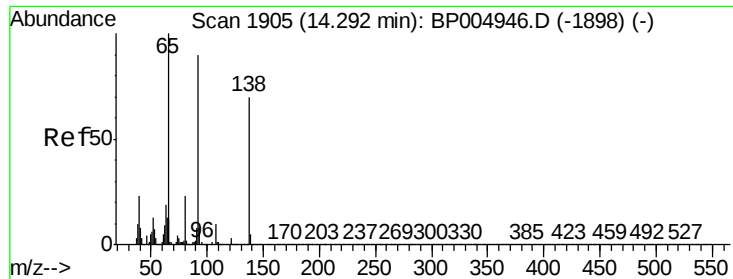
mohammad
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#48
Acenaphthylene
Concen: 3.964 ng/ul
RT: 14.10 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.4	24.6
153	14.7	10.0	15.0





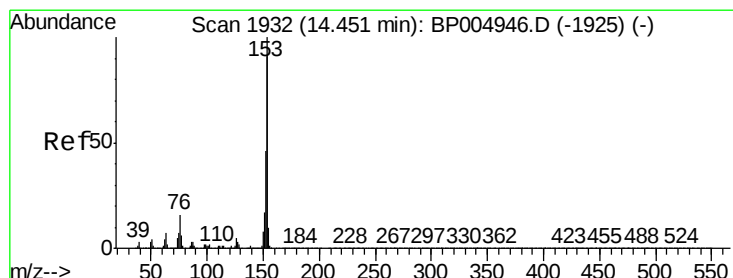
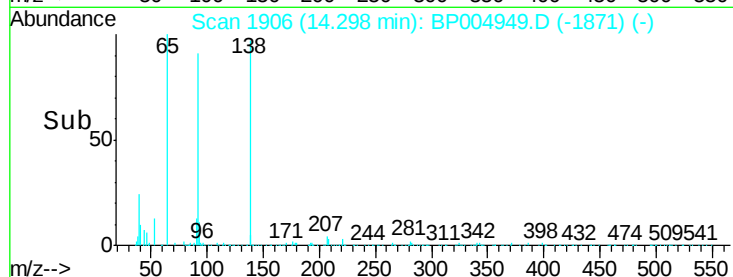
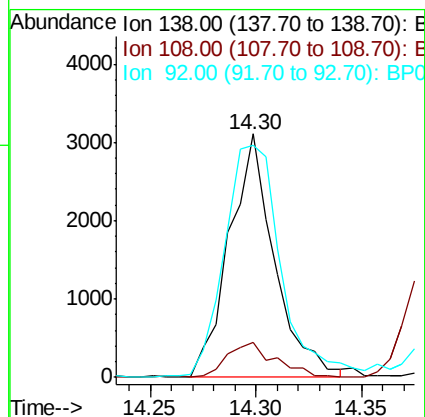
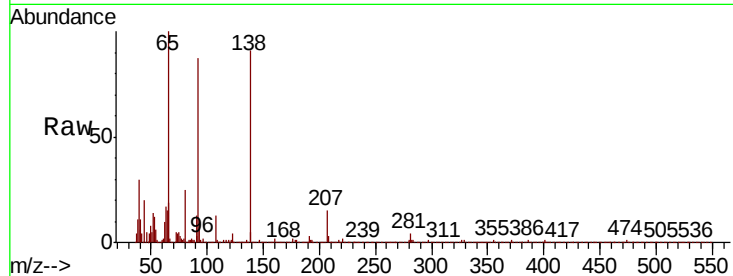
#49
3-Nitroaniline
Concen: 3.779 ng/ul
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.5	9.4	14.2#
92	95.3	99.8	149.8#

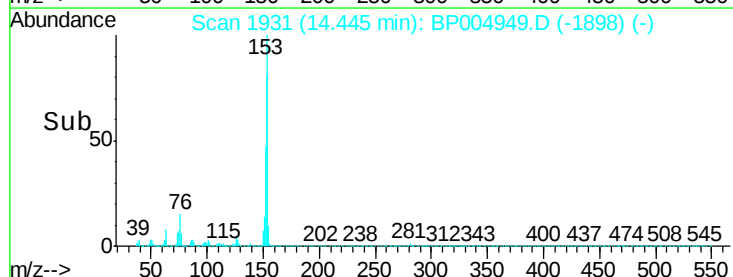
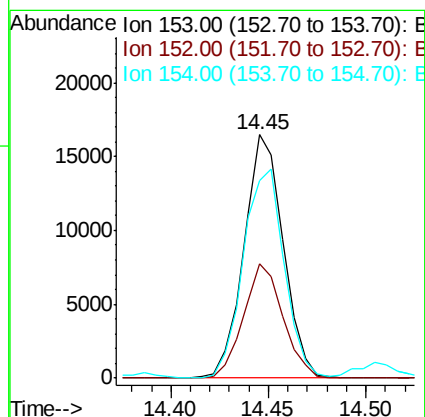
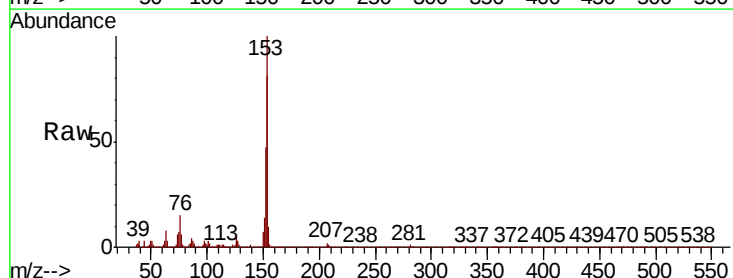
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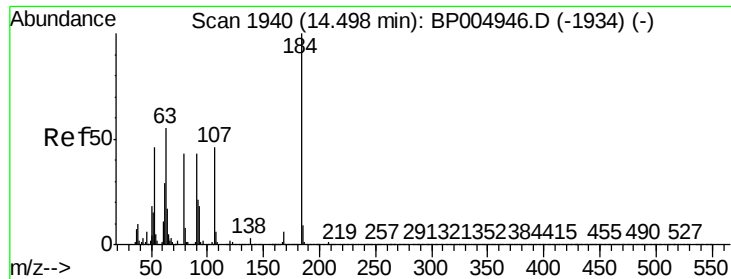
mohammad
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#50
Acenaphthene
Concen: 4.025 ng/ul
RT: 14.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.8	58.2
154	81.1	71.8	107.6





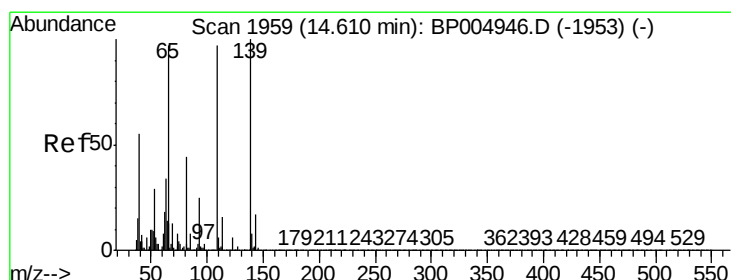
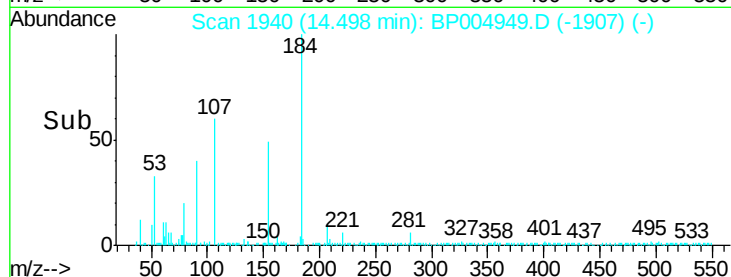
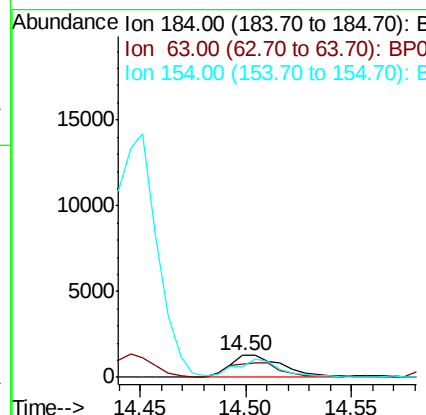
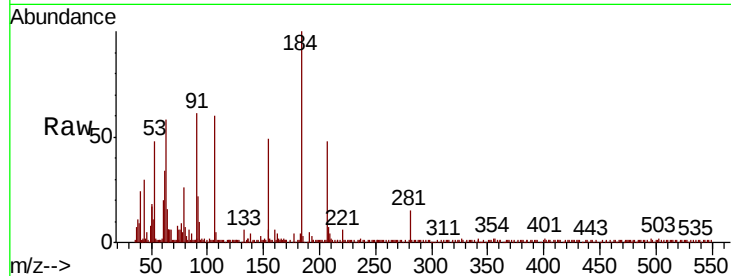
#51
2,4-Dinitrophenol
Concen: 2.401 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	51.4	77.0
154	48.6	43.4	65.2

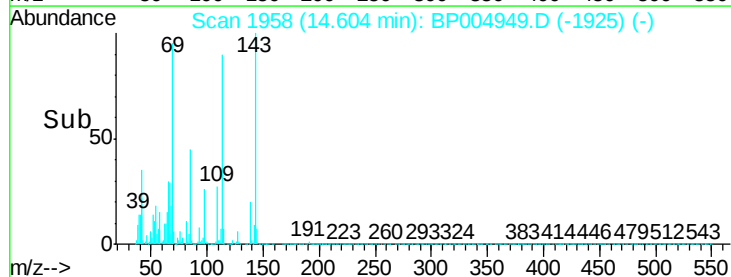
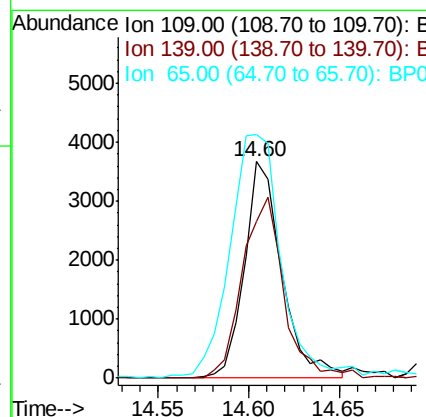
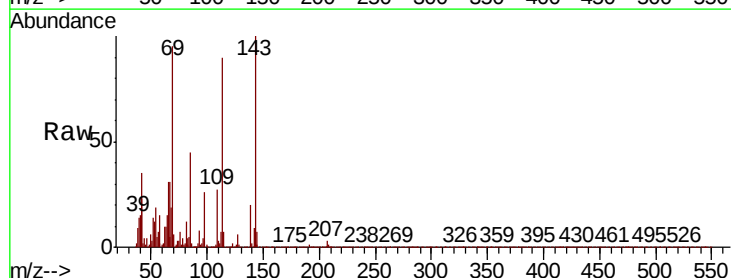
Manual Integrations
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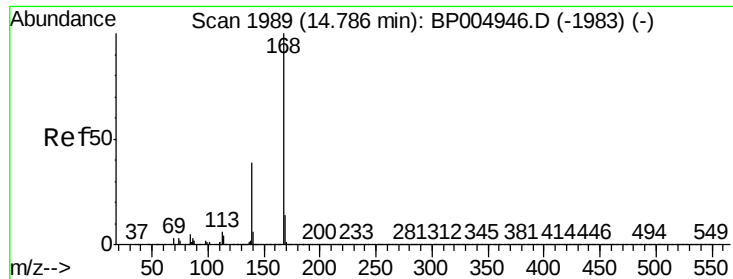
mohammad
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#53
4-Nitrophenol
Concen: 4.132 ng/ul
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
109	100		
139	72.5	69.7	104.5
65	112.6	79.2	118.8





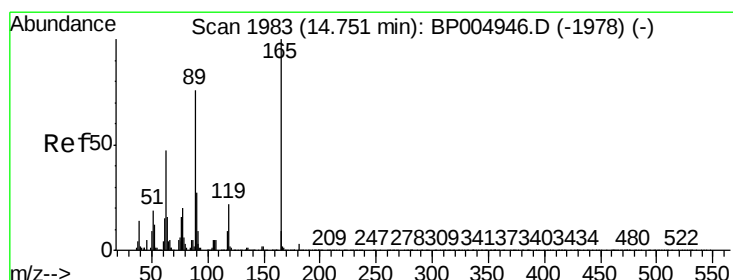
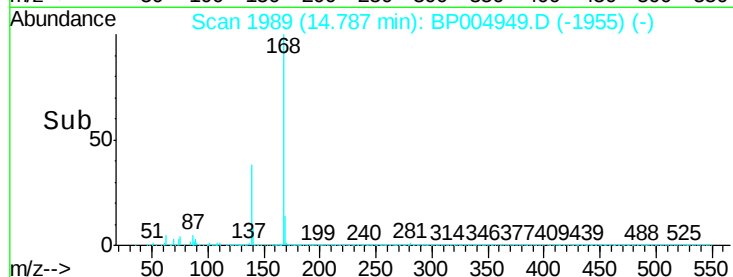
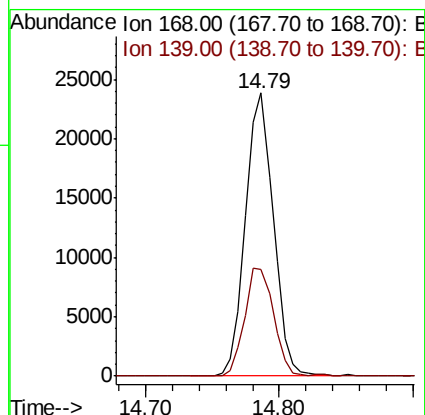
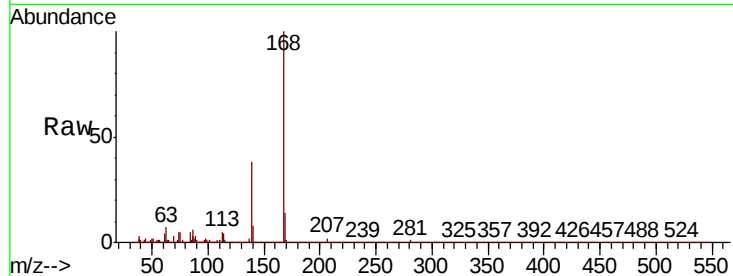
#54
Dibenzofuran
Concen: 4.144 ng/ul
RT: 14.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampled :
MDL-WATER-07

Tot Ion:168 Resp: 34409
Ion Ratio Lower Upper
168 100
139 37.6 31.6 47.4

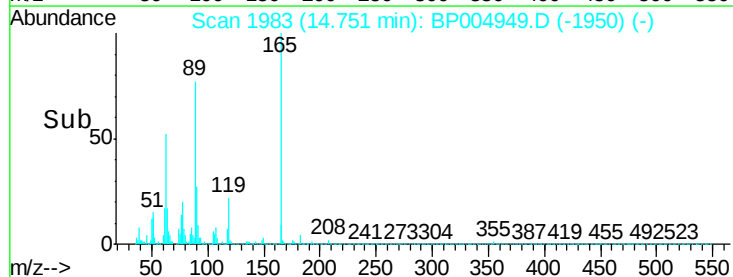
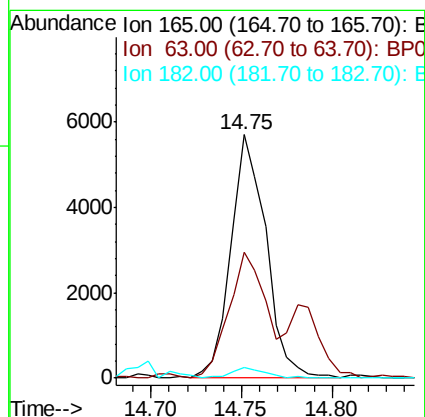
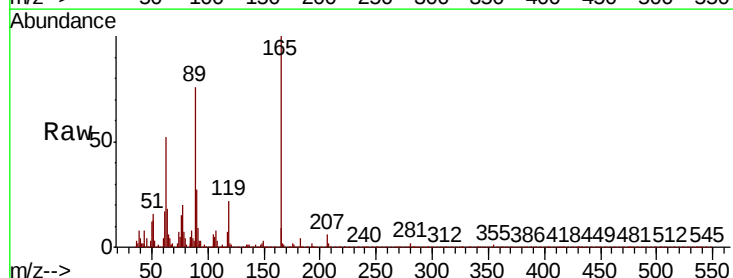
Manual Integrations
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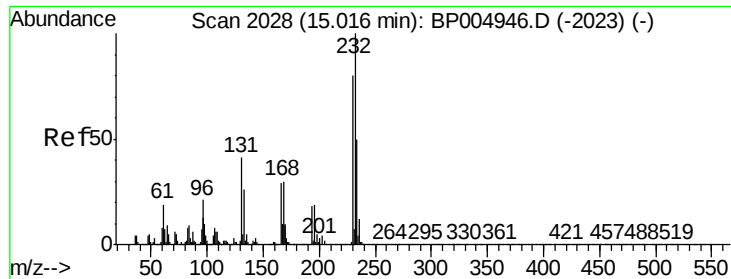
mohammad
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#55
2,4-Dinitrotoluene
Concen: 3.857 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:165 Resp: 7717
Ion Ratio Lower Upper
165 100
63 51.5 38.4 57.6
182 4.4 2.2 3.2#





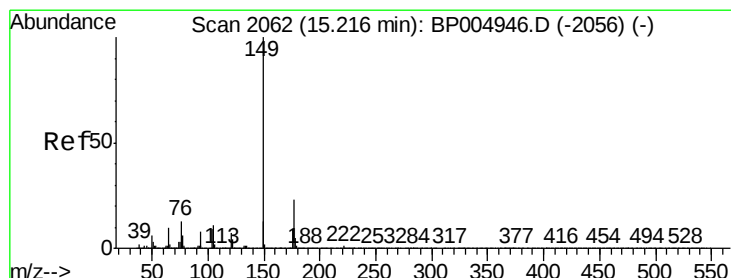
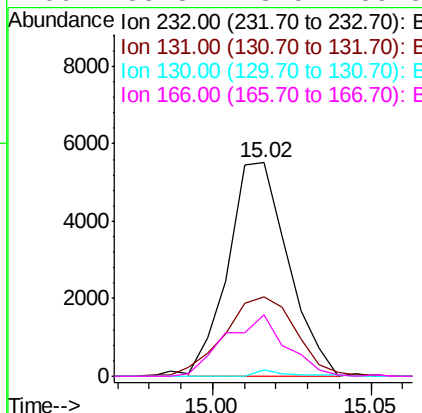
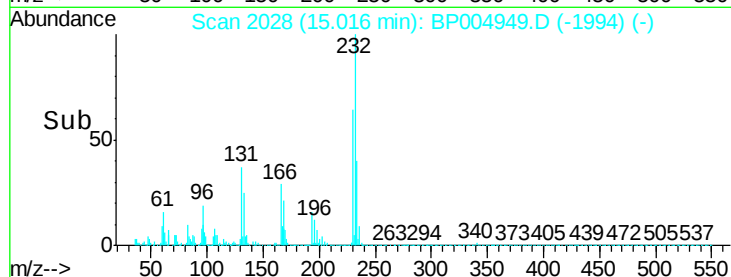
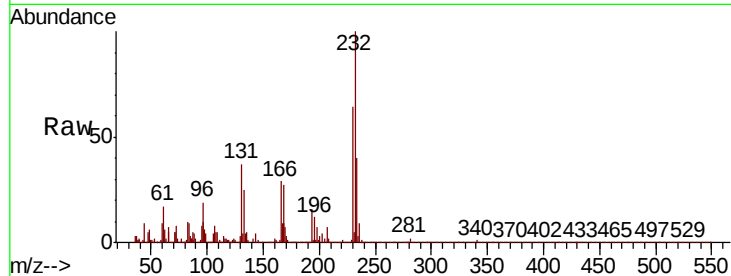
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.859 ng/ul
 RT: 15.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.7	32.6	48.8
130	3.0	3.1	4.7#
166	35.8	23.5	35.3#

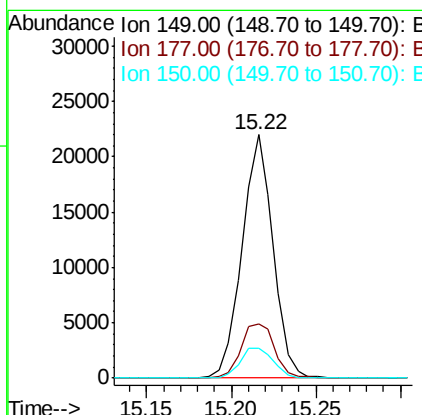
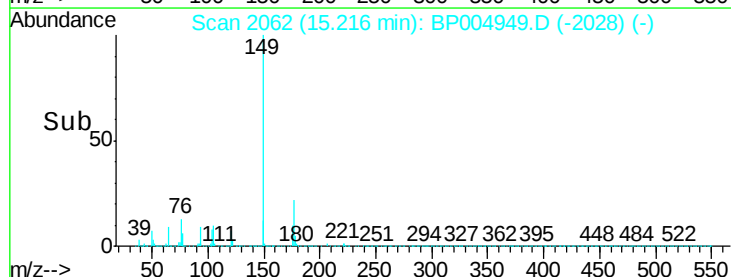
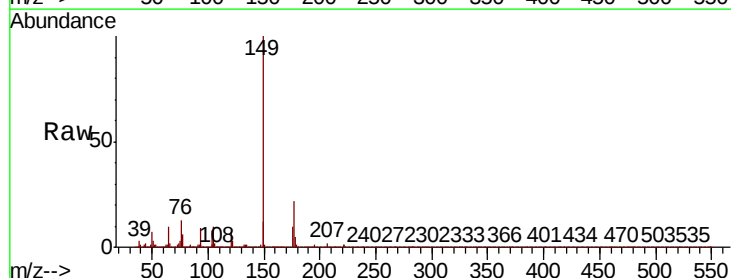
Manual Integrations
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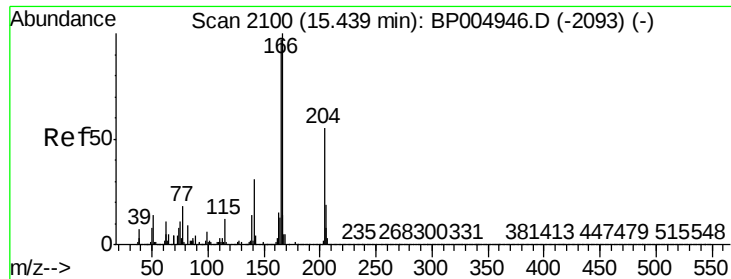
mohammad
 3/10/2021 11:54:28 AM



#57
 Diethylphthalate
 Concen: 3.995 ng/ul
 RT: 15.22 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.4	9.8	14.8





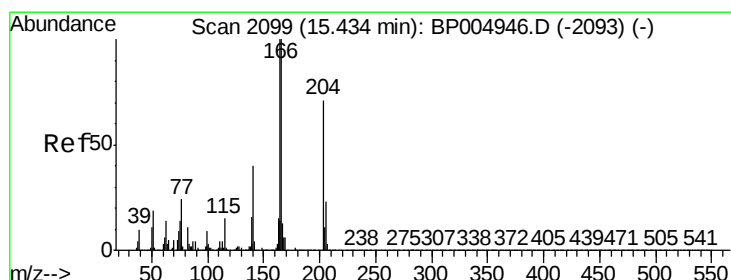
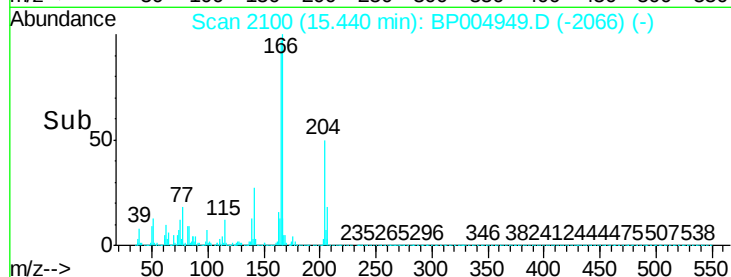
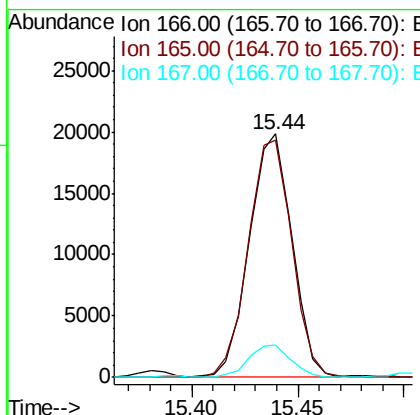
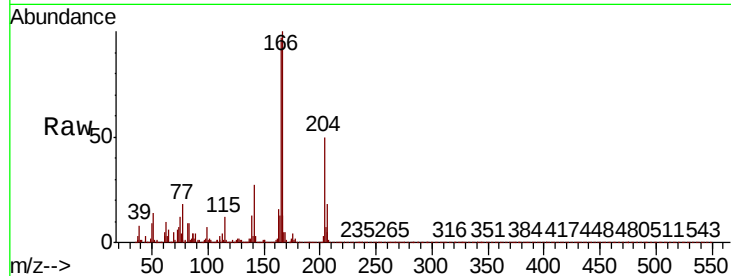
#59
Fluorene
Concen: 4.023 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.4	114.6
167	13.4	11.4	17.0

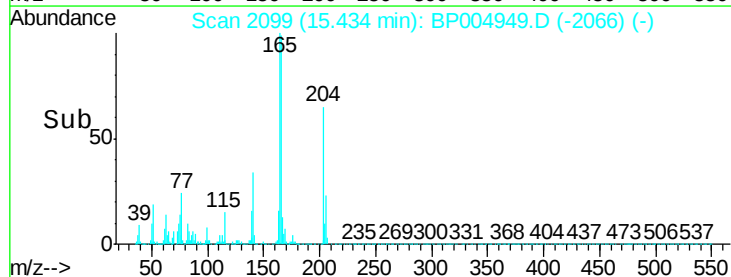
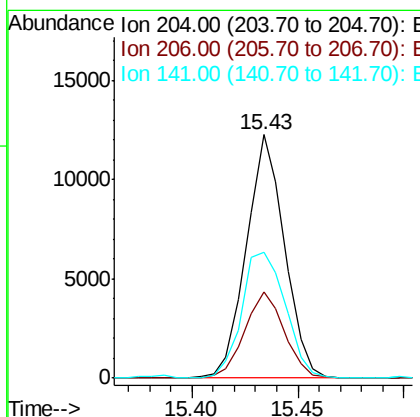
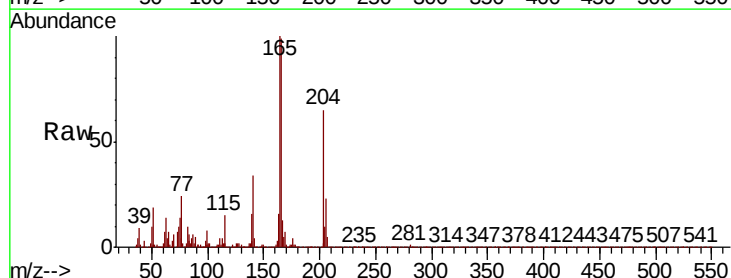
Manual Integrations
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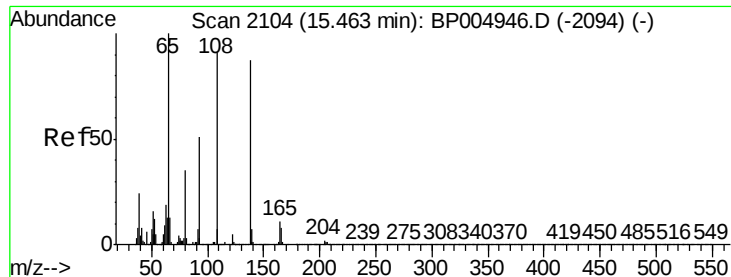
mohammad
3/10/2021 11:54:28 AM



#60
4-Chlorophenyl-phenylether
Concen: 4.046 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.5	24.6	37.0
141	51.8	46.8	70.2





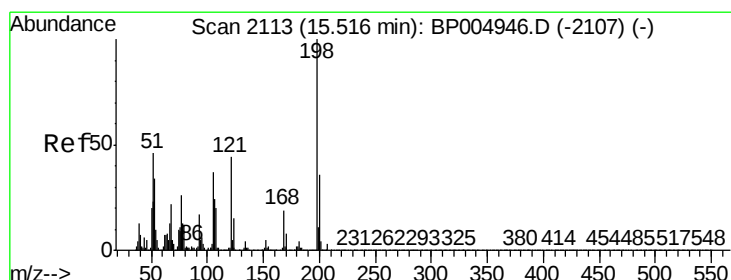
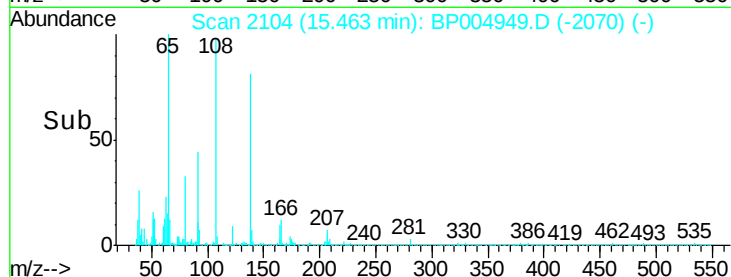
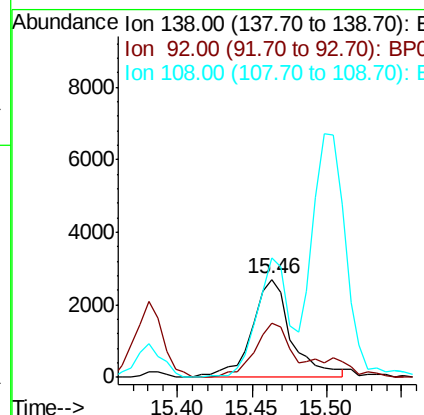
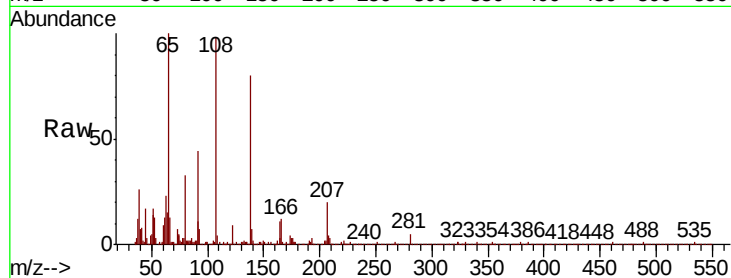
#61
4-Nitroaniline
Concen: 3.417 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	53.8	80.6
108	122.3	99.4	149.0

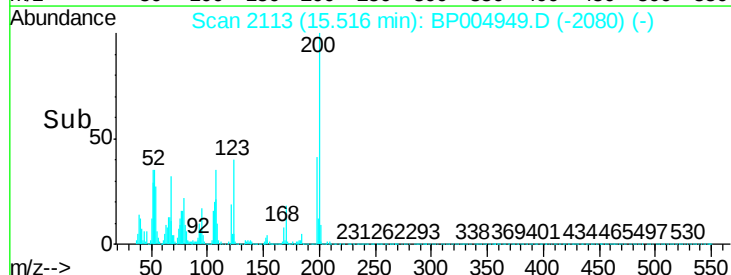
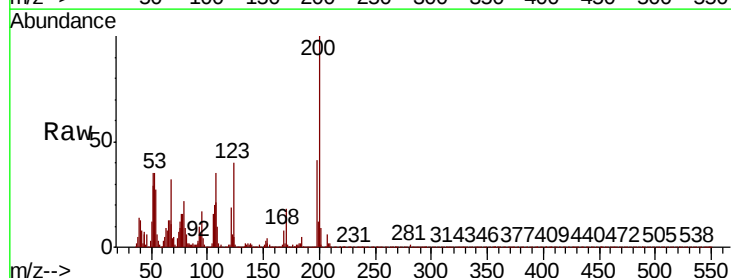
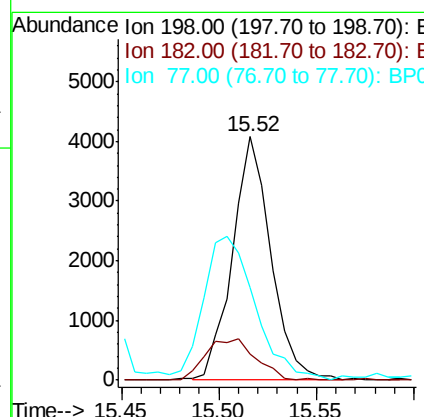
Manual Integrations
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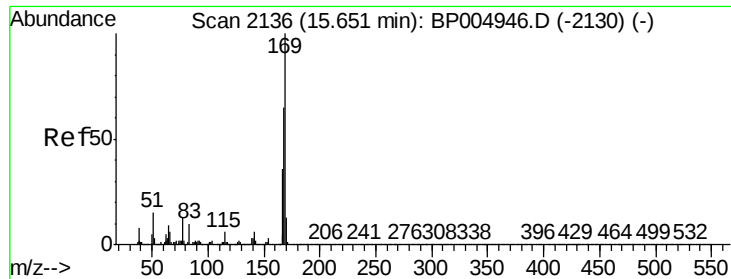
mohammad
3/10/2021 11:54:28 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 4.011 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
198	100		
182	10.8	3.5	5.3#
77	38.1	23.3	34.9#





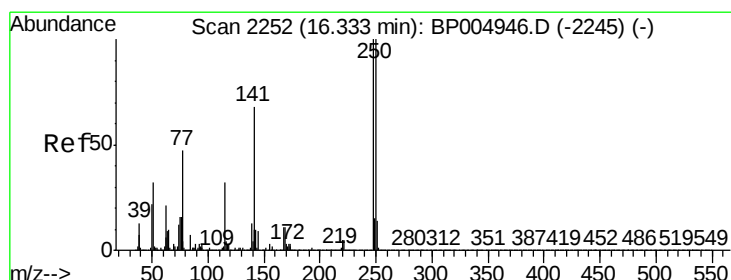
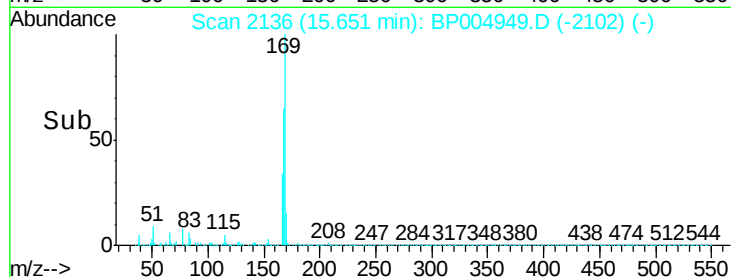
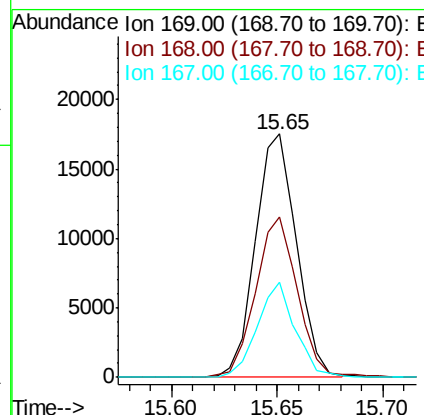
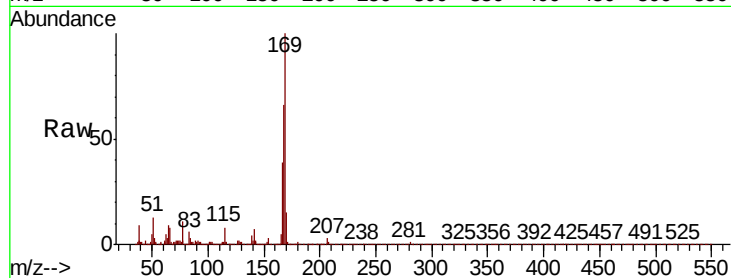
#65
N-Nitrosodiphenylamine
Concen: 3.942 ng/ul
RT: 15.65 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	51.9	77.9
167	38.8	28.0	42.0

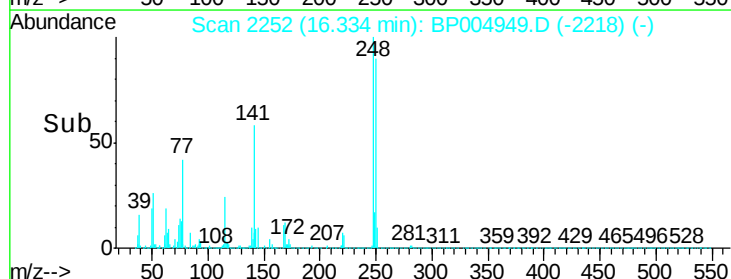
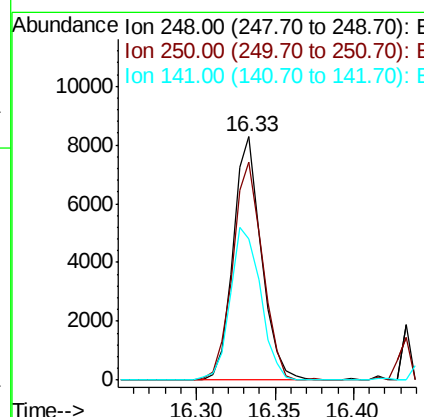
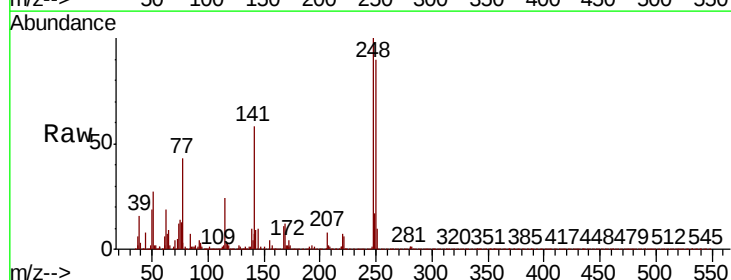
Manual Integrations
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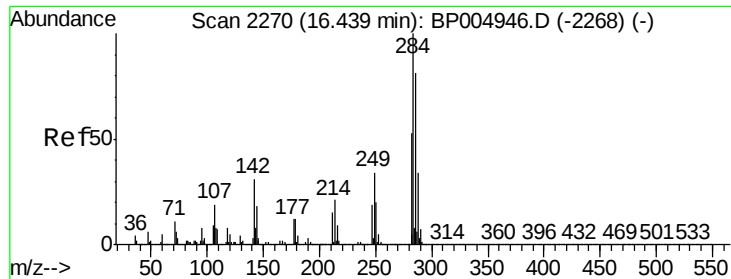
mohammad
3/10/2021 11:54:28 AM



#66
4-Bromophenyl-phenylether
Concen: 4.390 ng/ul m
RT: 16.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	89.8	77.6	116.4
141	58.0	63.6	95.4





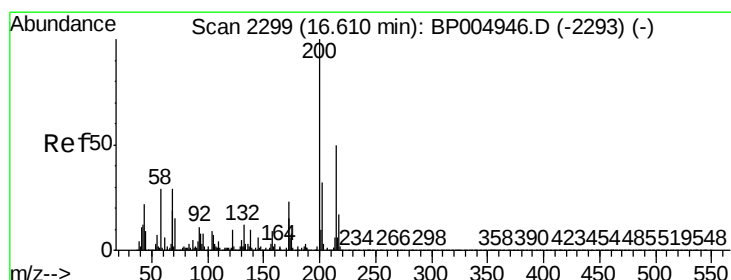
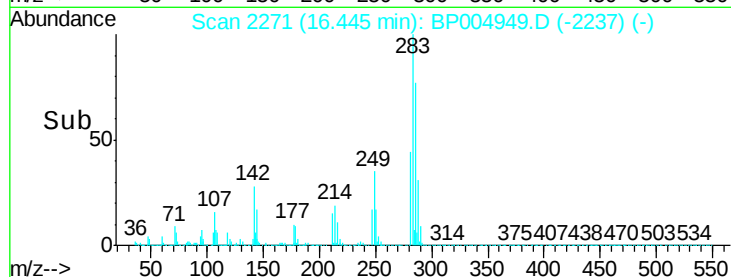
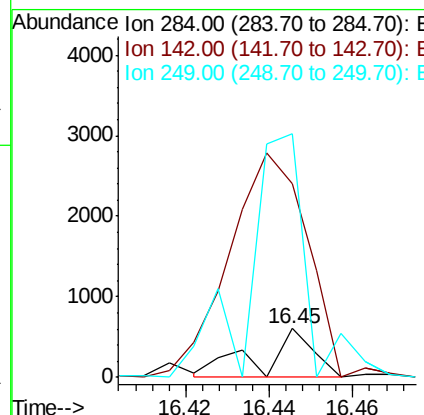
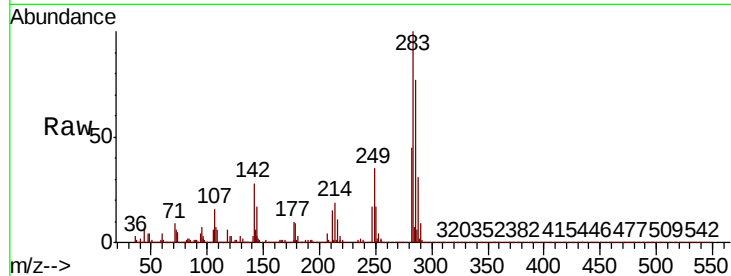
#67
Hexachlorobenzene
Concen: 0.196 ng/ul m
RT: 16.45 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
284	100		
142	395.6	27.1	40.7#
249	497.9	28.3	42.5#

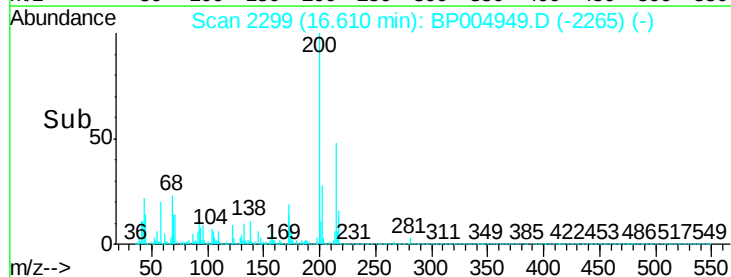
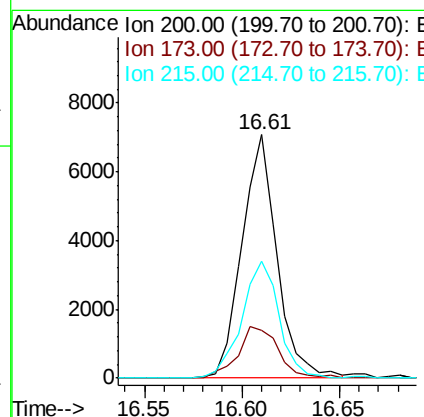
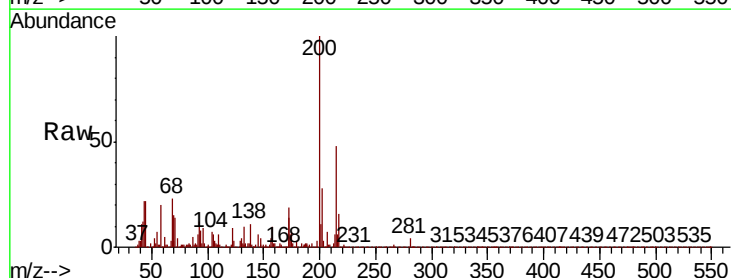
Manual Integrations
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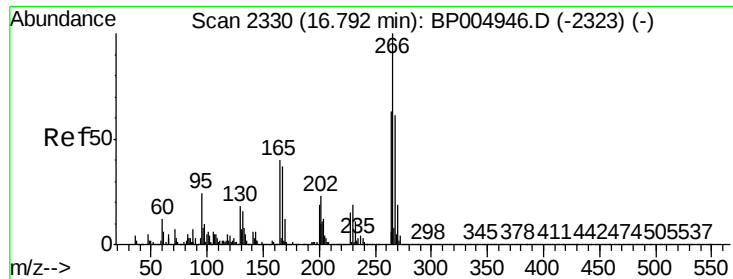
mohammad
3/10/2021 11:54:28 AM



#68
Atrazine
Concen: 3.638 ng/ul
RT: 16.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	19.5	20.7	31.1#
215	48.2	38.8	58.2





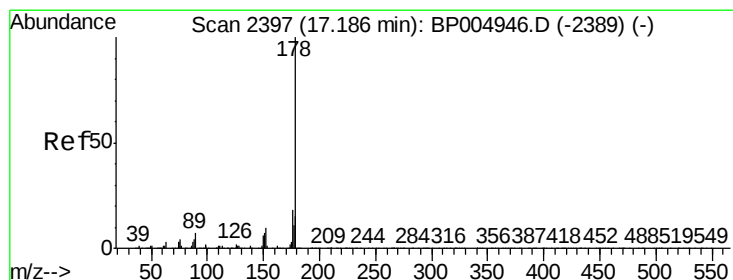
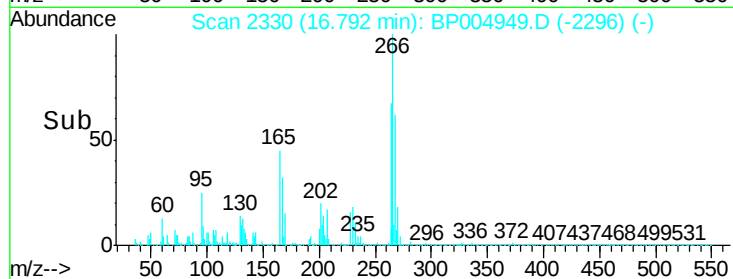
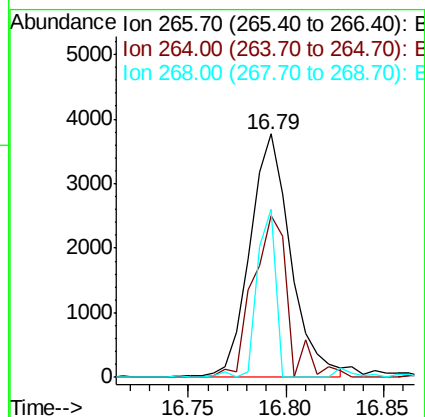
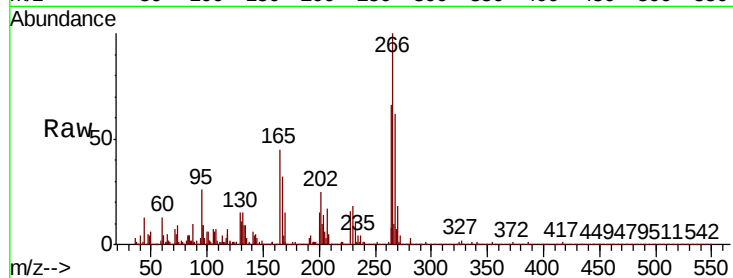
#69
Pentachlorophenol
Concen: 3.233 ng/ul
RT: 16.79 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
266	100		
264	74.3	55.8	83.6
268	68.8	52.1	78.1

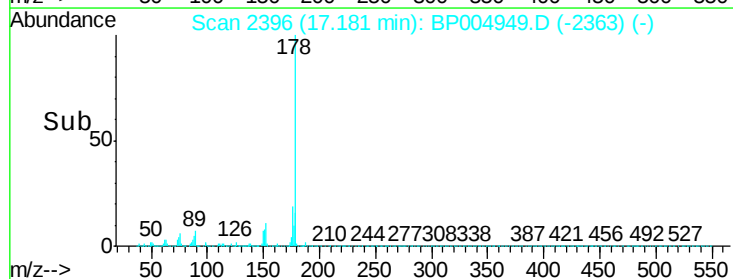
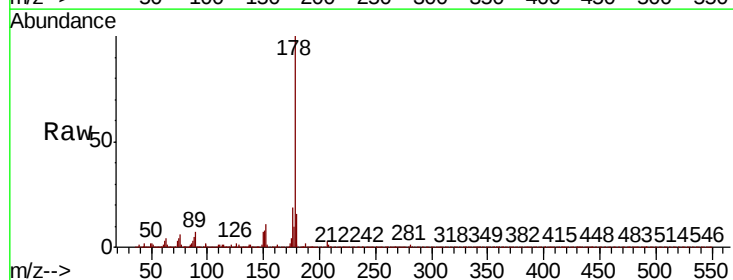
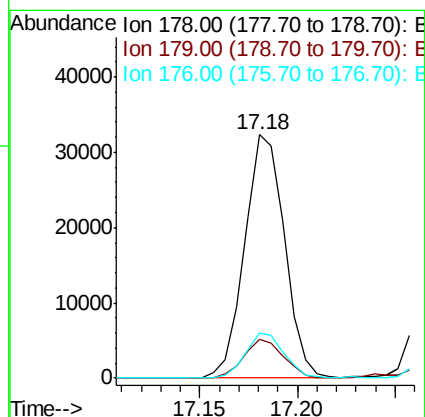
Manual Integrations
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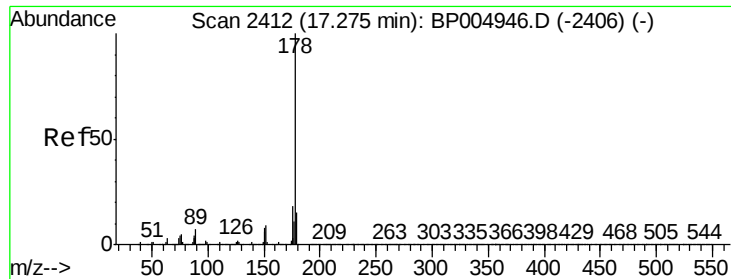
mohammad
3/10/2021 11:54:28 AM



#70
Phenanthrene
Concen: 3.995 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.4	17.0
176	18.7	15.0	22.6





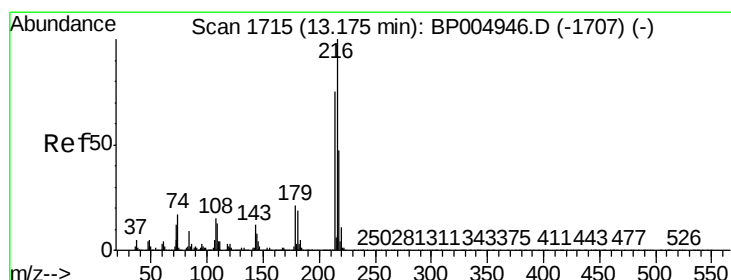
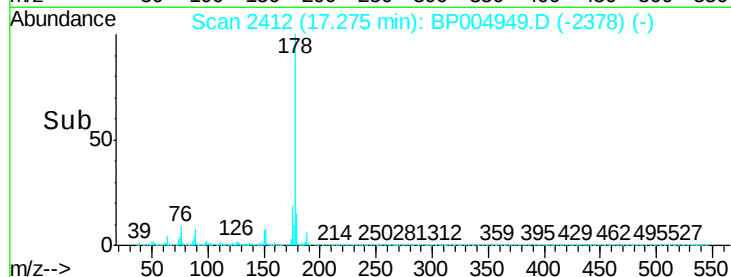
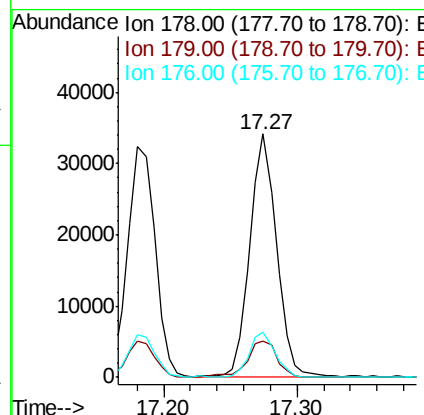
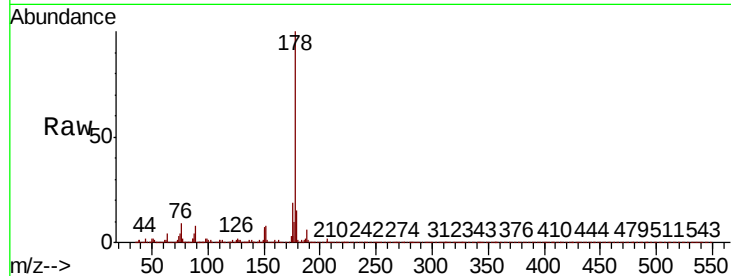
#72
 Anthracene
 Concen: 4.016 ng/ul
 RT: 17.27 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion:178	Resp:	46840
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.4 18.6
176	18.7	14.7 22.1

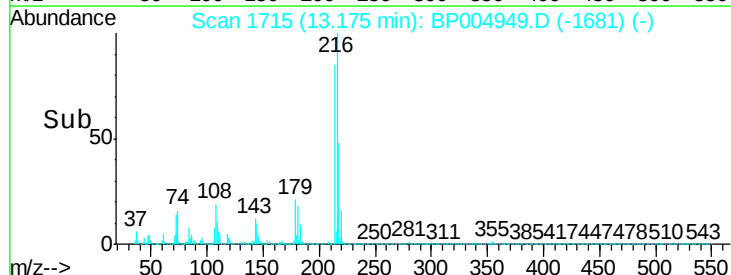
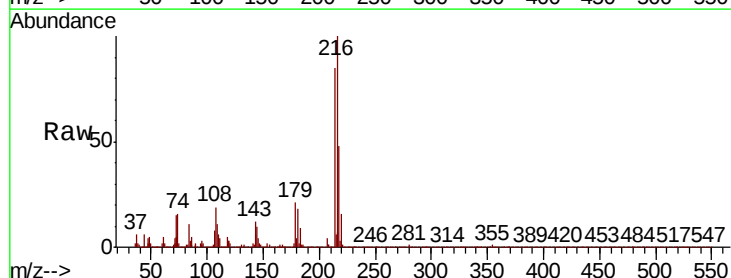
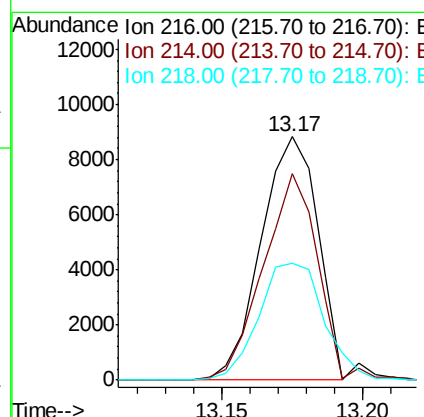
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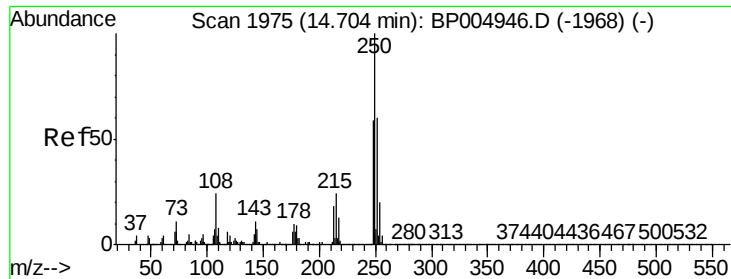
mohammad
 3/10/2021 11:54:28 AM



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.971 ng/uL
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion:216	Resp:	12304
Ion Ratio	Lower	Upper
216	100	
214	79.0	62.4 93.6
218	47.8	39.6 59.4





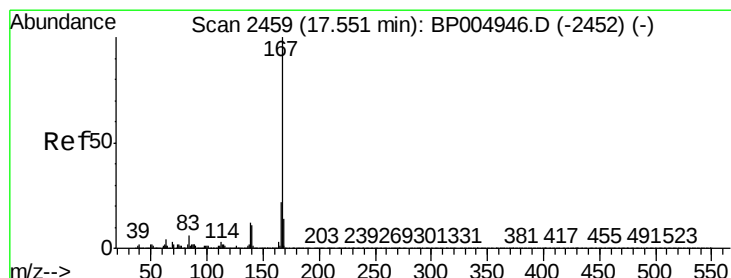
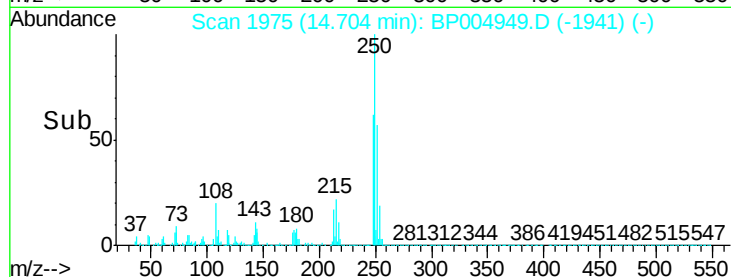
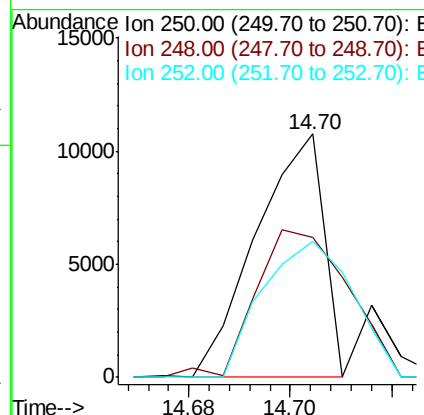
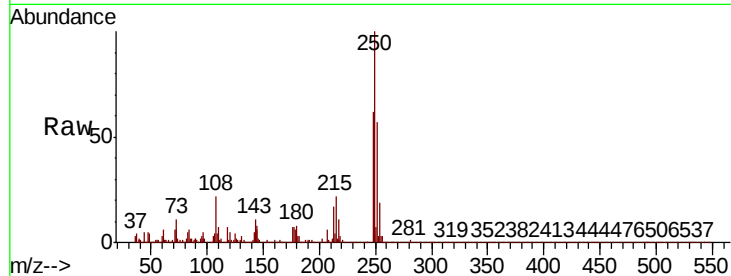
#74
Pentachlorobenzene
Concen: 3.146 ng/uL
RT: 14.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:	250	Resp:	9906
Ion Ratio	Lower	Upper	
250	100		
248	57.4	52.4	78.6
252	55.9	50.9	76.3

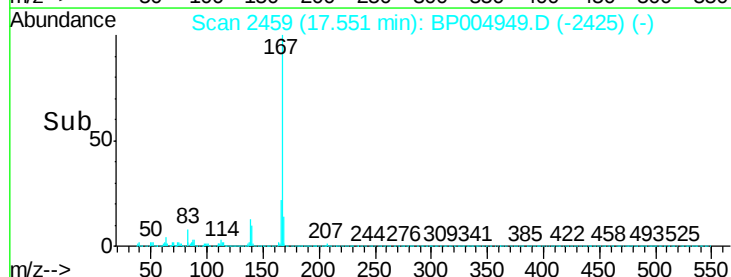
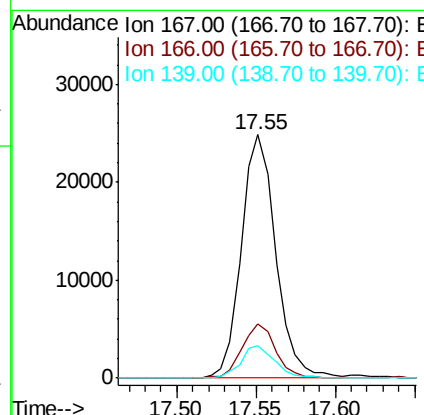
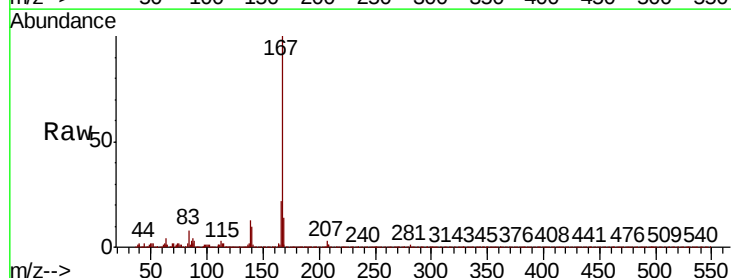
Manual Integrations
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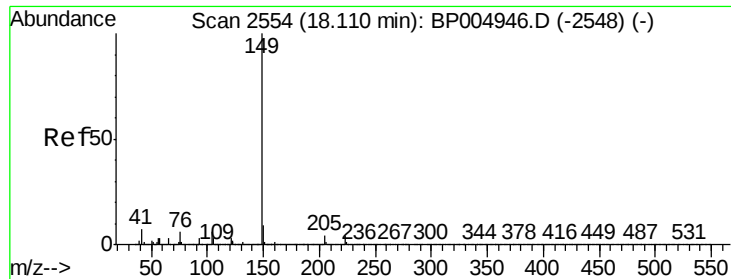
mohammad
3/10/2021 11:54:28 AM



#75
Carbazole
Concen: 3.730 ng/uL
RT: 17.55 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:	167	Resp:	37452
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.3	25.9
139	13.2	10.5	15.7





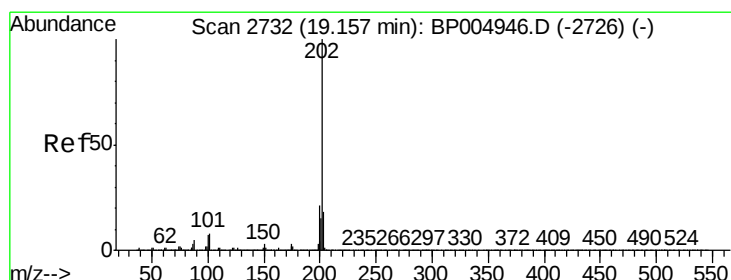
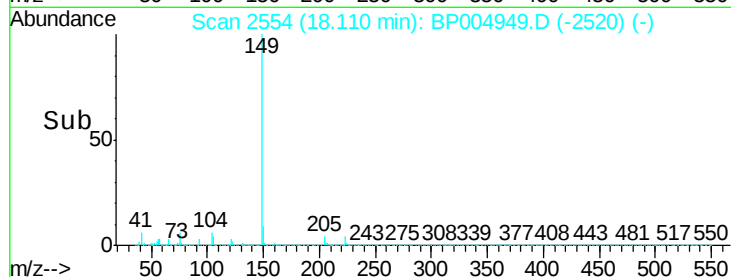
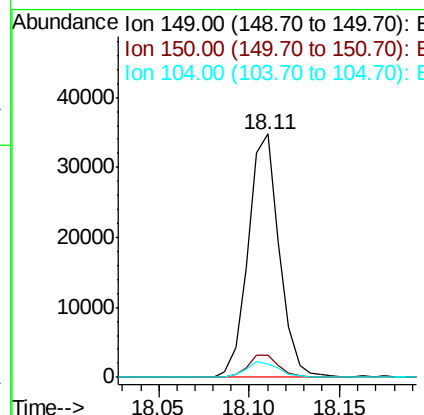
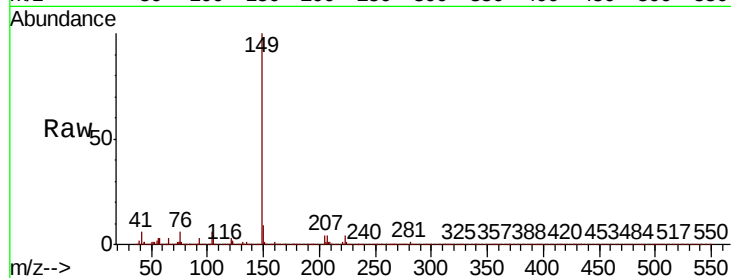
#76
Di-n-butylphthalate
Concen: 3.532 ng/ul
RT: 18.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.8
104	5.7	5.3	7.9

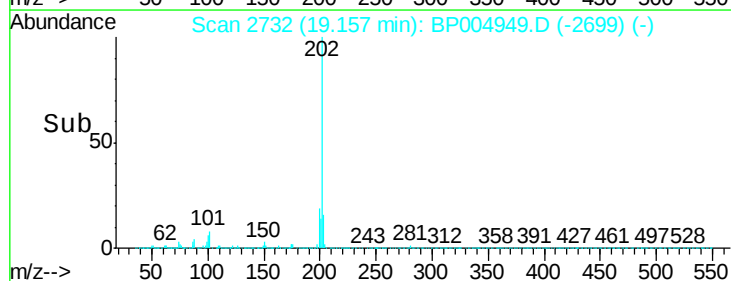
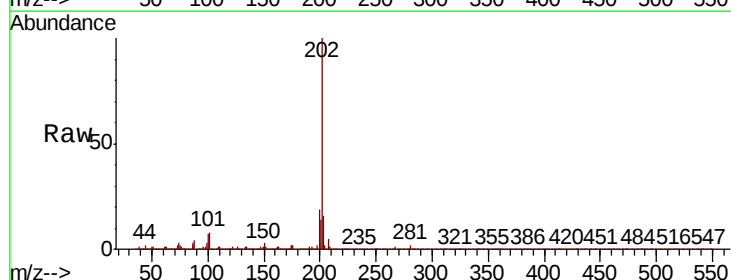
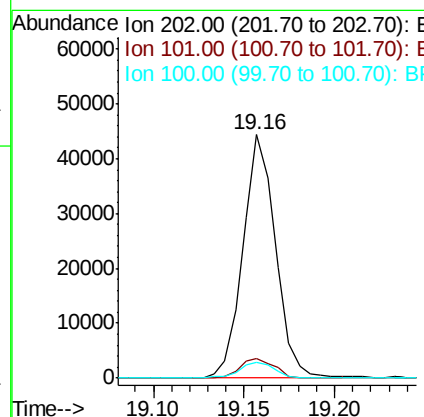
Manual Integrations
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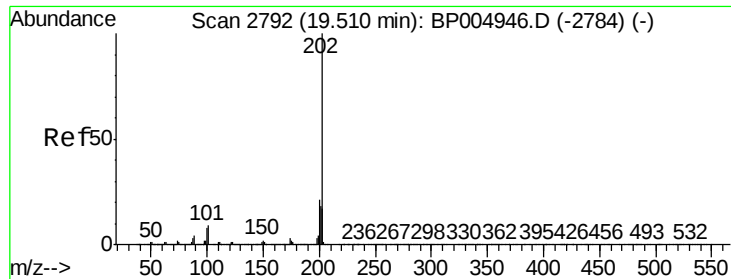
mohammad
3/10/2021 11:54:28 AM



#77
Fluoranthene
Concen: 3.987 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.6
100	6.5	5.7	8.5





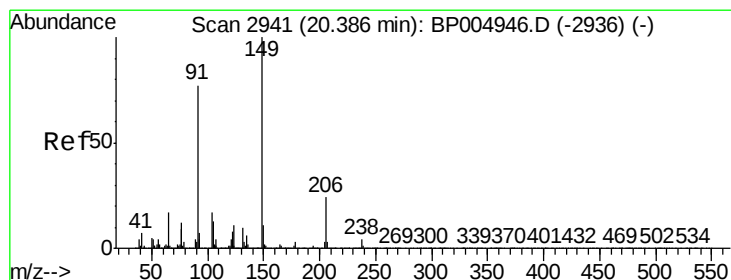
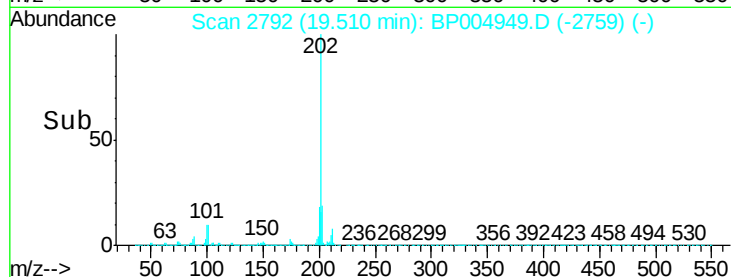
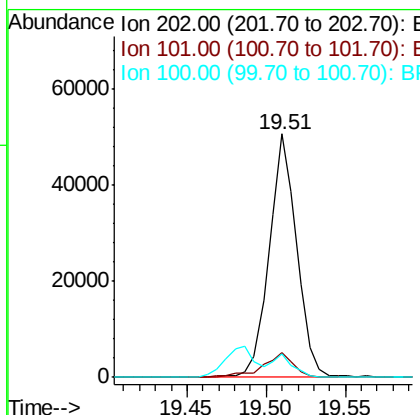
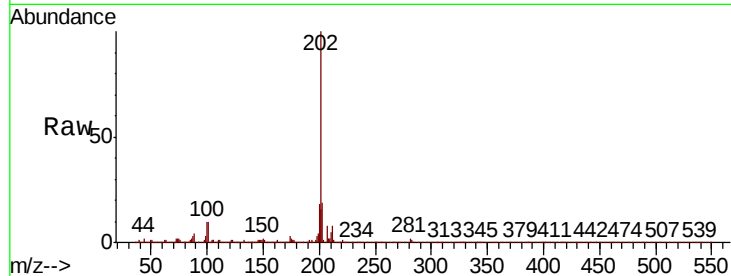
#80
Pvrene
Concen: 3.975 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	7.9	11.9
100	9.7	6.8	10.2

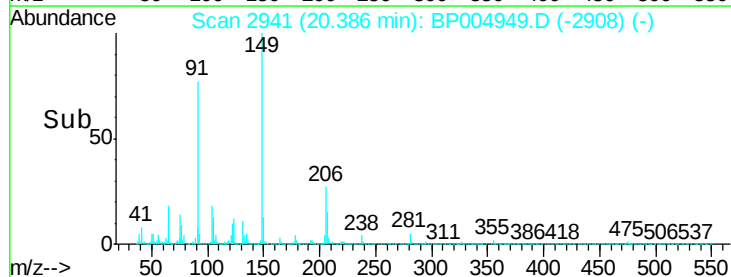
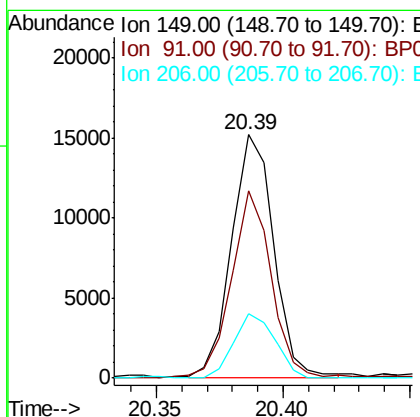
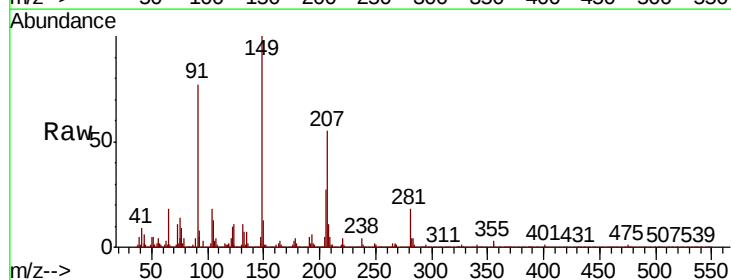
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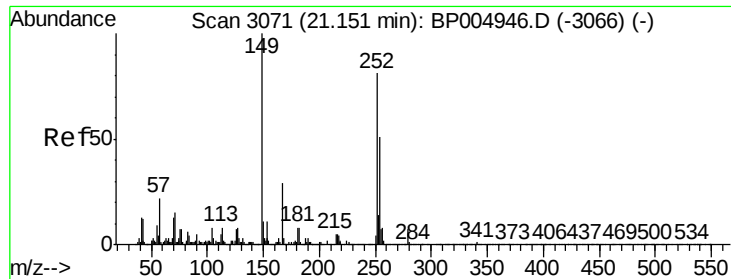
mohammad
3/10/2021 11:54:28 AM



#81
Butylbenzylphthalate
Concen: 3.130 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	76.7	59.4	89.2
206	26.6	19.0	28.6





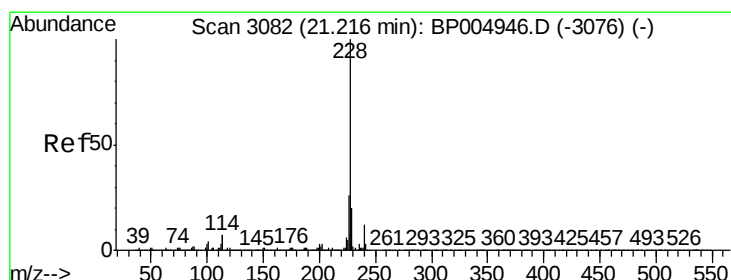
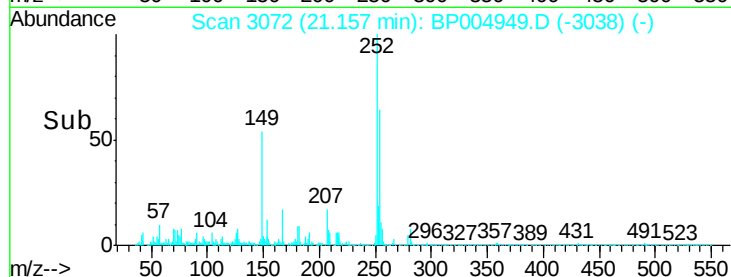
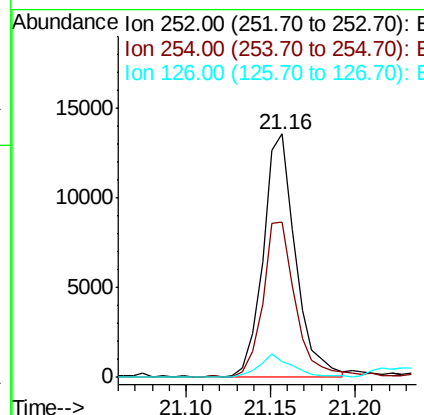
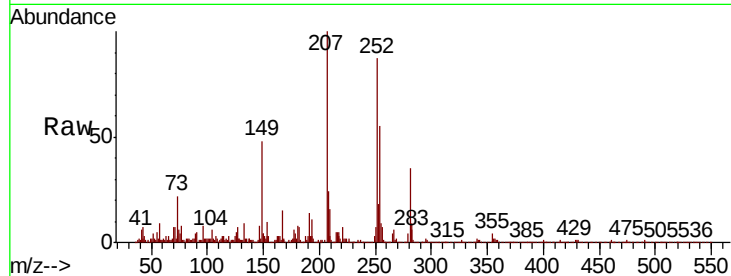
#82
 3,3'-Dichlorobenzidine
 Concen: 3.423 ng/ul
 RT: 21.16 min Scan# 3072
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.6	75.8
126	6.3	7.5	11.3

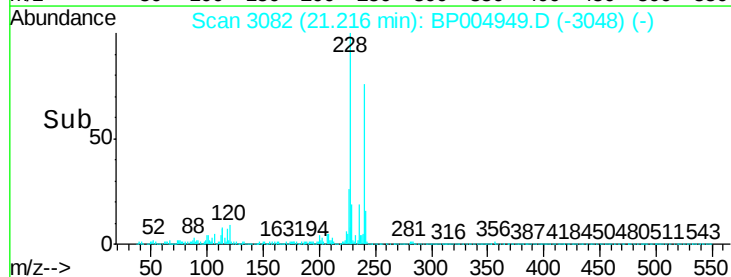
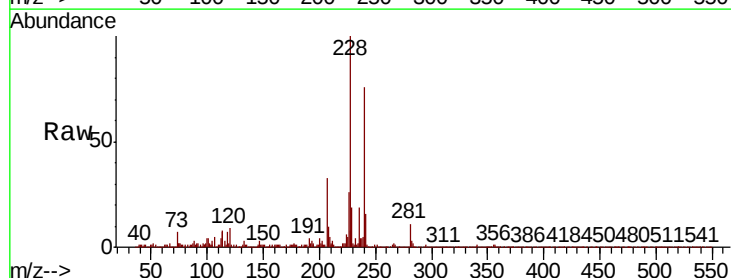
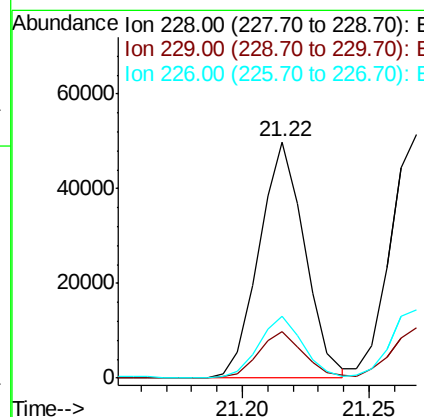
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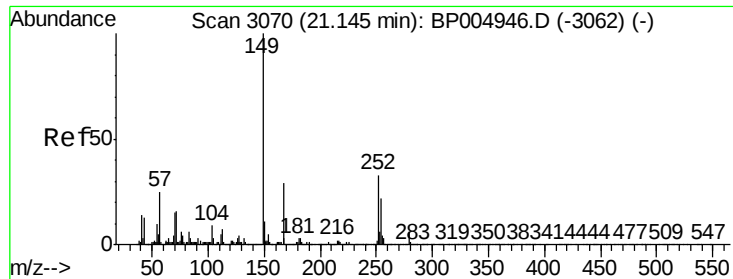
mohammad
 3/10/2021 11:54:28 AM



#83
 Benzo(a)anthracene
 Concen: 3.979 ng/ul
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.0	22.4
226	26.4	21.2	31.8





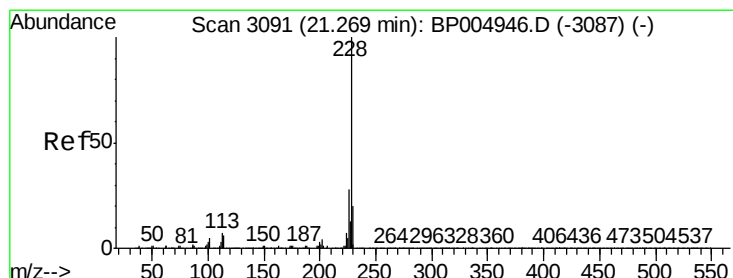
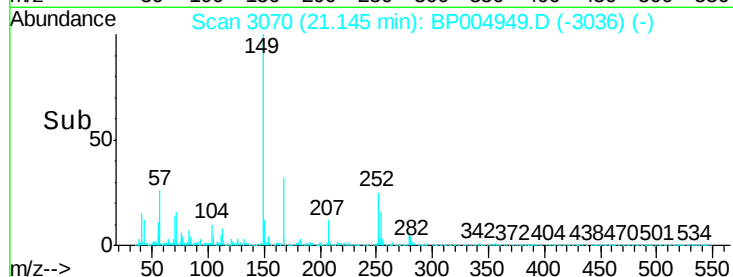
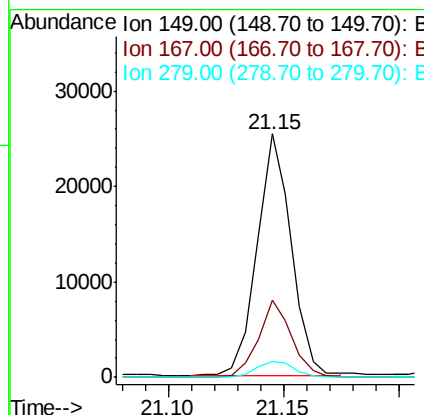
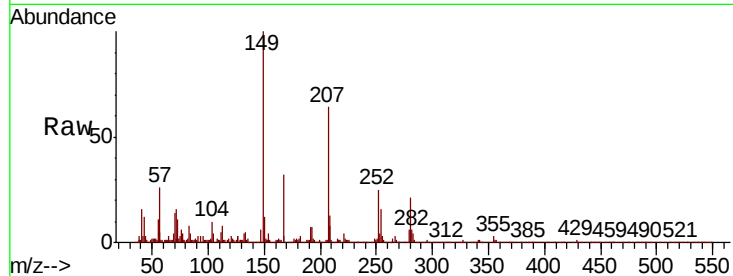
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.110 ng/ul
RT: 21.15 min Scan# 3070
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.6	22.6	34.0
279	6.4	3.8	5.8

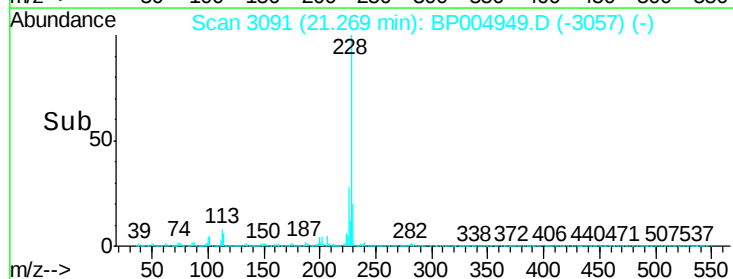
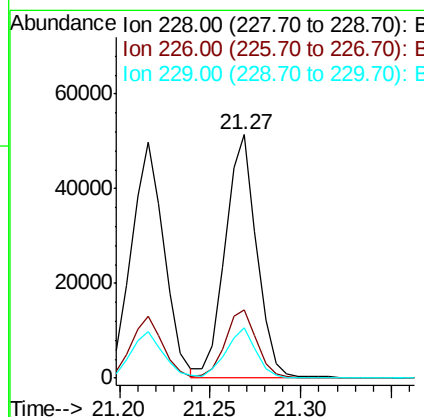
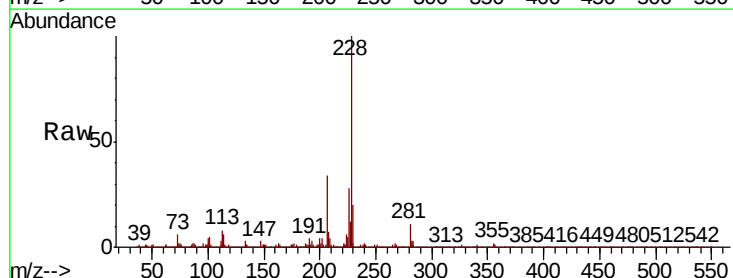
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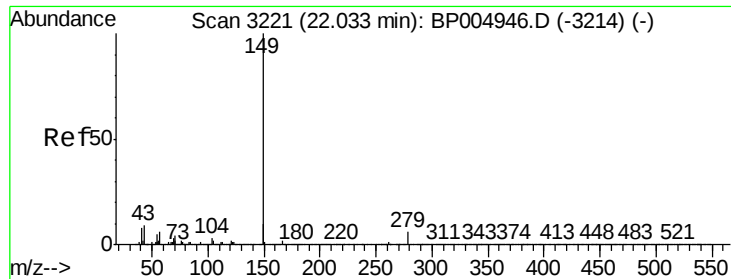
mohammad
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#85
Chrysene
Concen: 4.062 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.9	34.3
229	20.5	15.4	23.2





#87

Di-n-octyl phthalate

Concen: 2.931 ng/ul

RT: 22.03 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BP004949.D

Acq: 09 Mar 2021 18:09

Instrument :

BNA_P

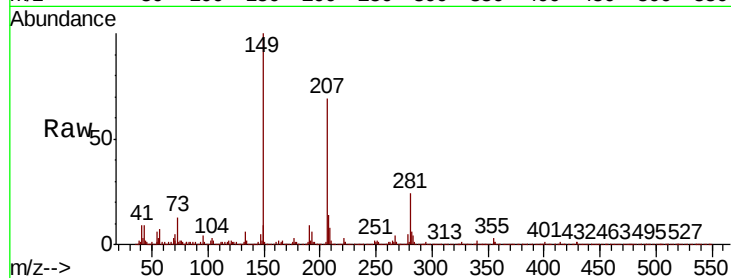
ClientSampleId :

MDL-WATER-07

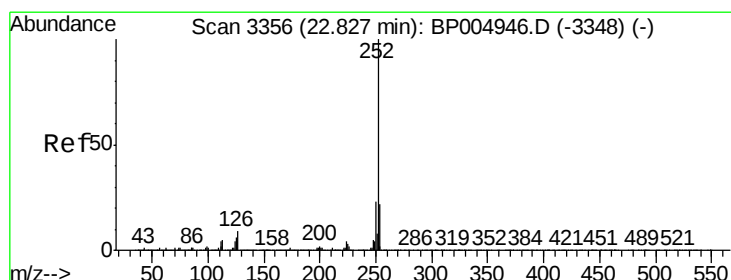
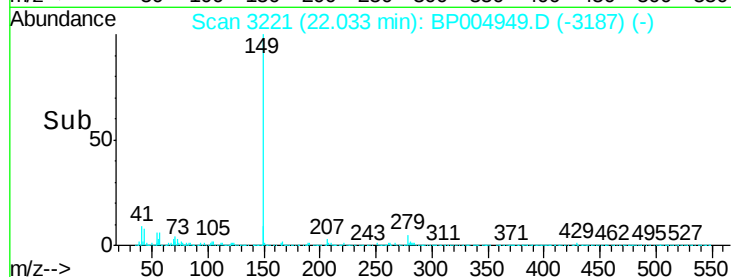
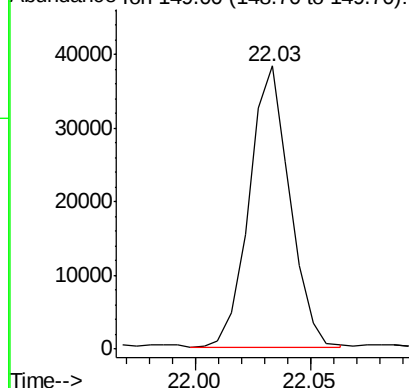
Tgt Ion:149 Resp: 46484

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.950 ng/ul

RT: 22.83 min Scan# 3356

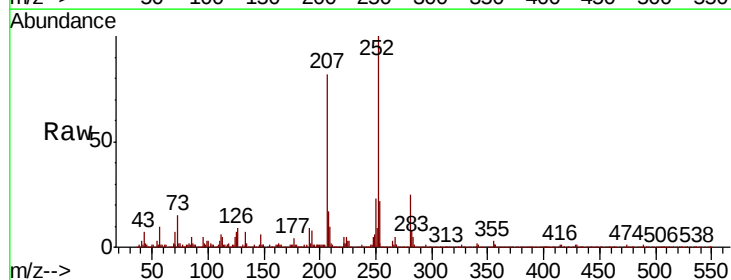
Delta R.T. 0.00 min

Lab File: BP004949.D

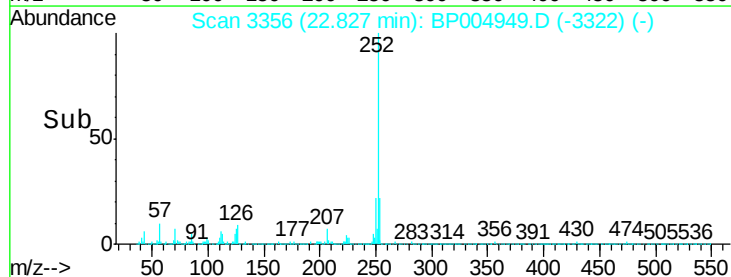
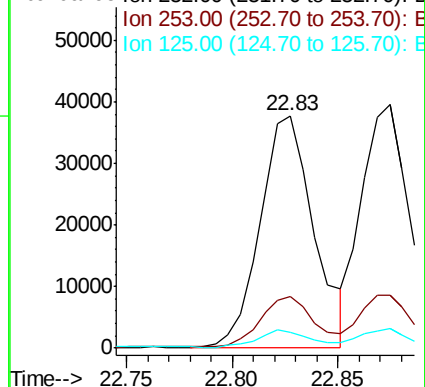
Acq: 09 Mar 2021 18:09

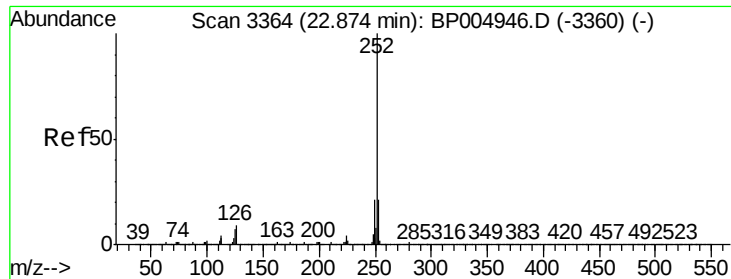
Tgt Ion:252 Resp: 66500

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.0	6.4	9.6



Abundance Ion 252.00 (251.70 to 252.70): E





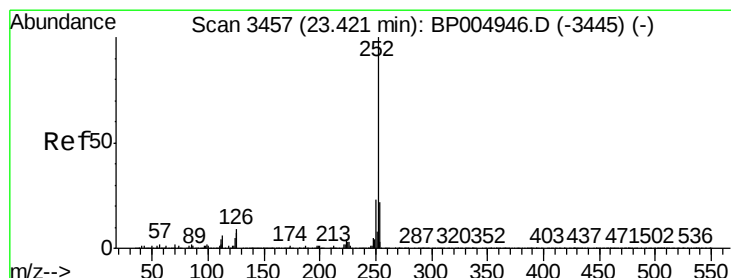
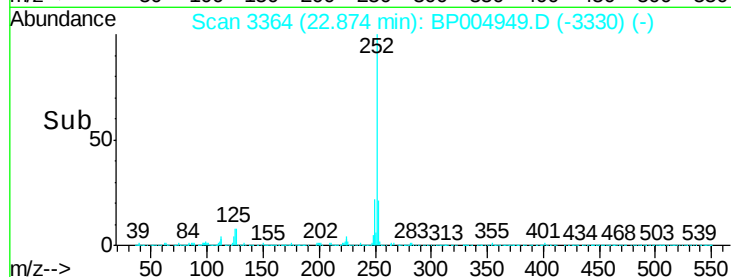
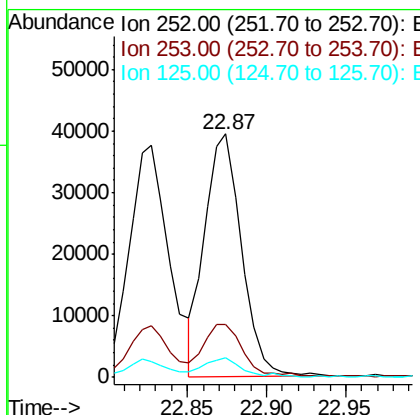
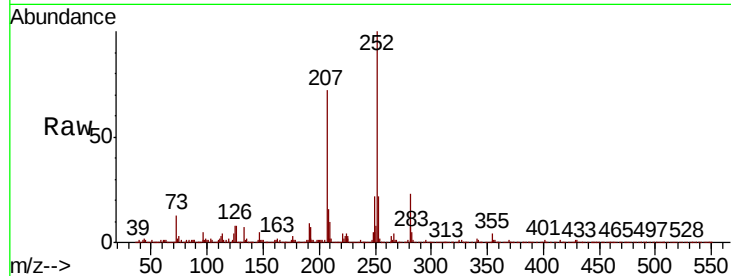
#89
Benzo(k)fluoranthene
Concen: 3.839 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-07

Tot Ion:	252	Resp:	63761
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	8.2	6.3	9.5

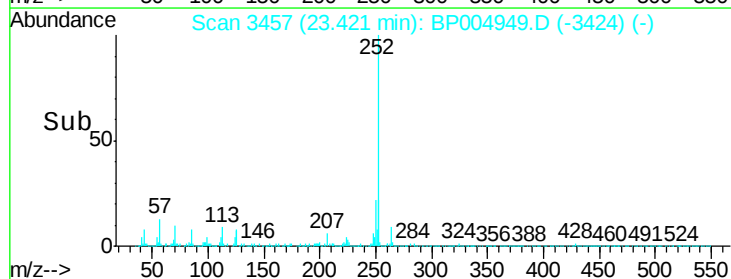
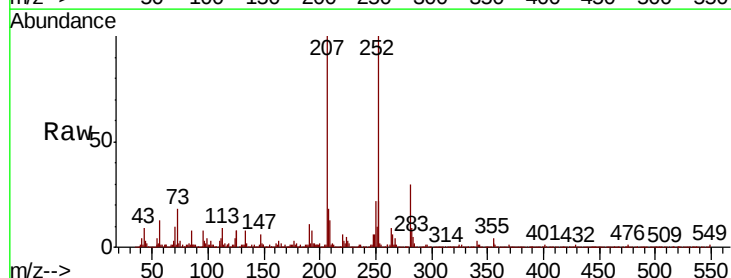
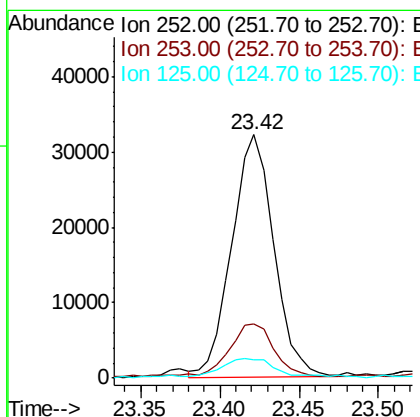
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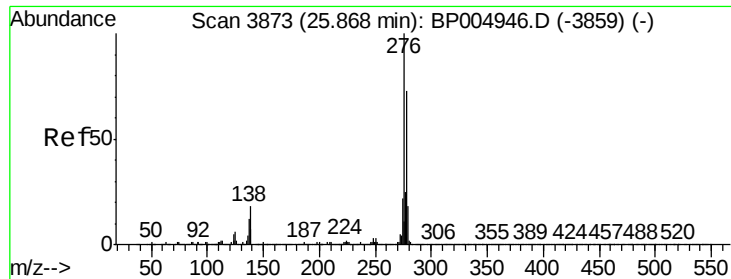
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#91
Benzo(a)pyrene
Concen: 4.027 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BP004949.D
Acq: 09 Mar 2021 18:09

Tgt Ion:	252	Resp:	59513
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	7.7	7.0	10.4





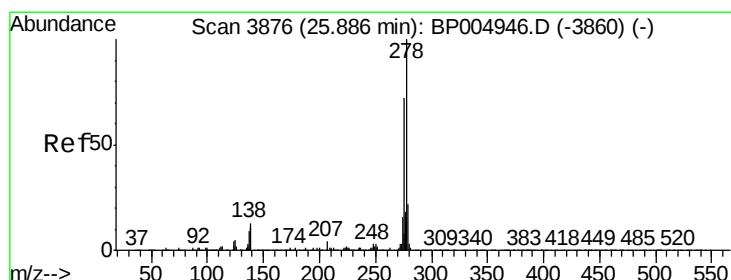
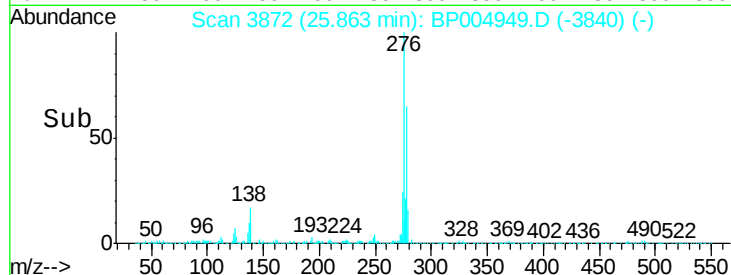
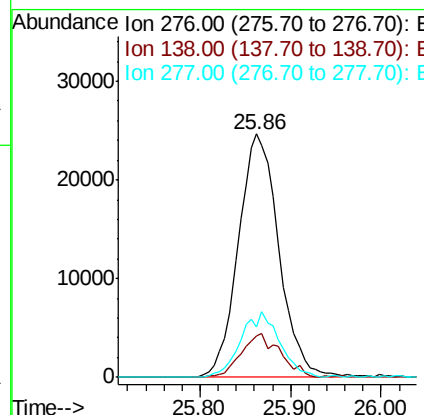
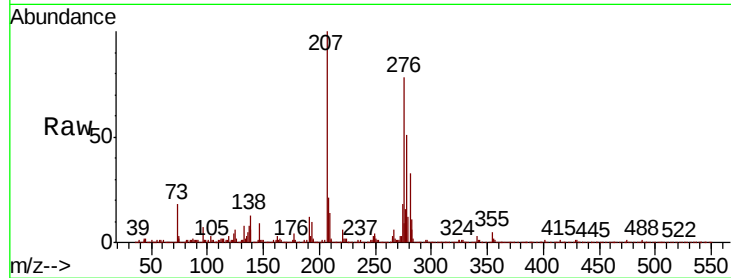
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.031 ng/ul
 RT: 25.86 min Scan# 3872
 Delta R.T. -0.01 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.7	22.1
277	20.9	19.4	29.0

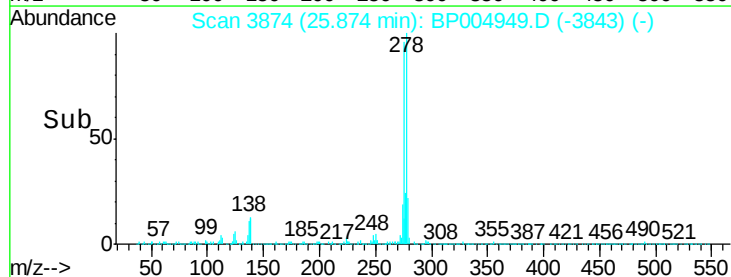
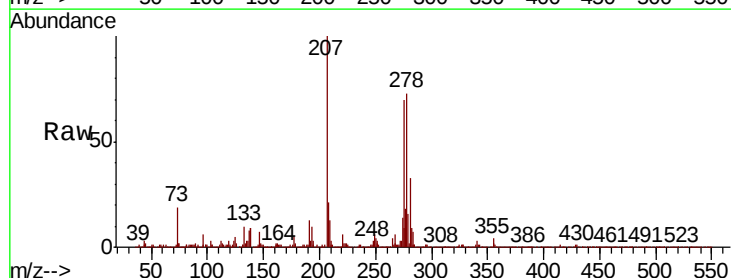
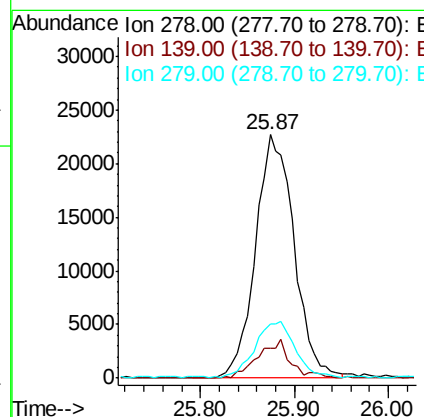
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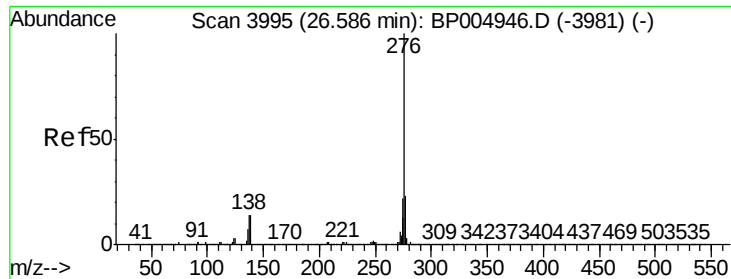
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#93
 Dibenzo(a,h)anthracene
 Concen: 4.041 ng/ul
 RT: 25.87 min Scan# 3874
 Delta R.T. -0.02 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.2	15.2
279	22.3	18.9	28.3





#94
 Benzo(a,h,i)perylene
 Concen: 3.972 ng/ul
 RT: 26.58 min Scan# 3994
 Delta R.T. -0.01 min
 Lab File: BP004949.D
 Acq: 09 Mar 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.4	20.0
277	25.2	17.8	26.6

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