

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
 Data File : BP001749.D
 Acq On : 14 Feb 2020 17:13
 Operator : CG/JU
 Sample : K5695-09
 Misc : MDL-WATER-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Manual Integrations
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Quant Time: Feb 15 05:33:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 04:45:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	233555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1113620	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	759606	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1711274	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1871907	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2138613	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	24765	5.06	ng/uL	0.00
5) Phenol-d5	6.88	99	552285	27.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	386270	33.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	438652	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	453770	27.98	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	280144	32.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	175753	26.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	442688	28.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	763446	38.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1818745	33.28	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2361257	34.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	223866	22.08	ng/ul	0.00
58) Fluorene-d10	15.33	176	1641925	33.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	125053	18.13	ng/ul	0.00
71) Anthracene-d10	17.19	188	2621850	33.71	ng/ul	0.00
79) Pyrene-d10	19.43	212	2986300	33.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3305417	32.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	4946	0.92 ng/uL#	86
4) Benzaldehyde	6.85	77	52821	4.10 ng/ul	99
6) Phenol	6.91	94	62021	2.93 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	58184	3.47 ng/ul	98
10) 2-Chlorophenol	7.28	128	47139	3.06 ng/ul	99
11) 2-Methylphenol	8.15	108	42028	2.57 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	75729	3.52 ng/ul	99
14) Acetophenone	8.52	105	93374	3.49 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	44734	3.36 ng/ul	95
16) 4-Methylphenol	8.47	108	49428	2.74 ng/ul	98
17) Hexachloroethane	8.78	117	23079	3.44 ng/ul	90
20) Nitrobenzene	8.89	77	72272	3.47 ng/ul	97
21) Isophorone	9.42	82	123124	3.11 ng/ul	100
23) 2-Nitrophenol	9.60	139	20631	2.57 ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	50490	2.71 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	82395	3.32 ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	47900	2.95 ng/ul	93
28) Naphthalene	10.53	128	207316	3.45 ng/ul	99
30) 4-Chloroaniline	10.63	127	72795	3.60 ng/ul	97
31) Hexachlorobutadiene	10.83	225	38210	3.39 ng/ul	98
32) Caprolactam	11.40	113	12322m	2.07 ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	38016	2.28 ng/ul	99
34) 2-Methylnaphthalene	12.15	142	144020	3.33 ng/ul	99

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35) 1-Methylnaphthalene	12.37	142	151279	3.52	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	79811	3.36	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	35293	2.49	ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	23607	1.95	ng/ul	95
40) 2,4,5-Trichlorophenol	12.83	196	25543	1.87	ng/ul	96
41) 1,1'-Biphenyl	13.17	154	197225	3.39	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	153240	3.33	ng/ul	98
43) 2-Nitroaniline	13.40	65	26081	2.29	ng/ul	90
45) Dimethylphthalate	13.80	163	191446	3.32	ng/ul	98
46) 2,6-Dinitrotoluene	13.90	165	27221	2.44	ng/ul#	83
48) Acenaphthylene	14.05	152	255014	3.42	ng/ul	99
49) 3-Nitroaniline	14.23	138	25605	2.36	ng/ul#	86
50) Acenaphthene	14.40	153	167581	3.35	ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	4720	1.17	ng/ul	90
53) 4-Nitrophenol	14.54	109	20287	2.56	ng/ul	90
54) Dibenzofuran	14.74	168	242017	3.44	ng/ul	97
55) 2,4-Dinitrotoluene	14.69	165	42716	2.60	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22659	1.95	ng/ul#	95
57) Diethylphthalate	15.17	149	162904	2.90	ng/ul	98
59) Fluorene	15.39	166	200046	3.42	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	103762	3.51	ng/ul	99
61) 4-Nitroaniline	15.39	138	31064	2.36	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	15493	1.99	ng/ul#	68
65) N-Nitrosodiphenylamine	15.60	169	151643	3.13	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	57082	3.13	ng/ul	98
67) Hexachlorobenzene	16.40	284	73666	3.42	ng/ul	99
68) Atrazine	16.56	200	37682	2.08	ng/ul	96
69) Pentachlorophenol	16.74	266	14504	1.39	ng/ul	97
70) Phenanthrene	17.13	178	330885	3.43	ng/ul	99
72) Anthracene	17.22	178	331944	3.43	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	90212	3.50	ng/uL	99
74) Pentachlorobenzene	14.66	250	82628	3.16	ng/uL	99
75) Carbazole	17.49	167	238402	2.91	ng/ul	99
76) Di-n-butylphthalate	18.07	149	174720	2.03	ng/ul	99
77) Fluoranthene	19.10	202	328927	3.10	ng/ul	99
80) Pyrene	19.45	202	419974	3.48	ng/ul	99
81) Butylbenzylphthalate	20.35	149	47094	1.32	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.10	252	45736	1.25	ng/ul	98
83) Benzo(a)anthracene	21.16	228	370880	3.03	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	87761	1.50	ng/ul	98
85) Chrysene	21.21	228	397488	3.36	ng/ul	98
87) Di-n-octyl phthalate	22.00	149	132627	1.39	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	335032	2.71	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	404183	3.23	ng/ul	97
91) Benzo(a)pyrene	23.32	252	386549	3.29	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	427014	2.78	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	360402	2.81	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	359994	2.75	ng/ul	98

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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

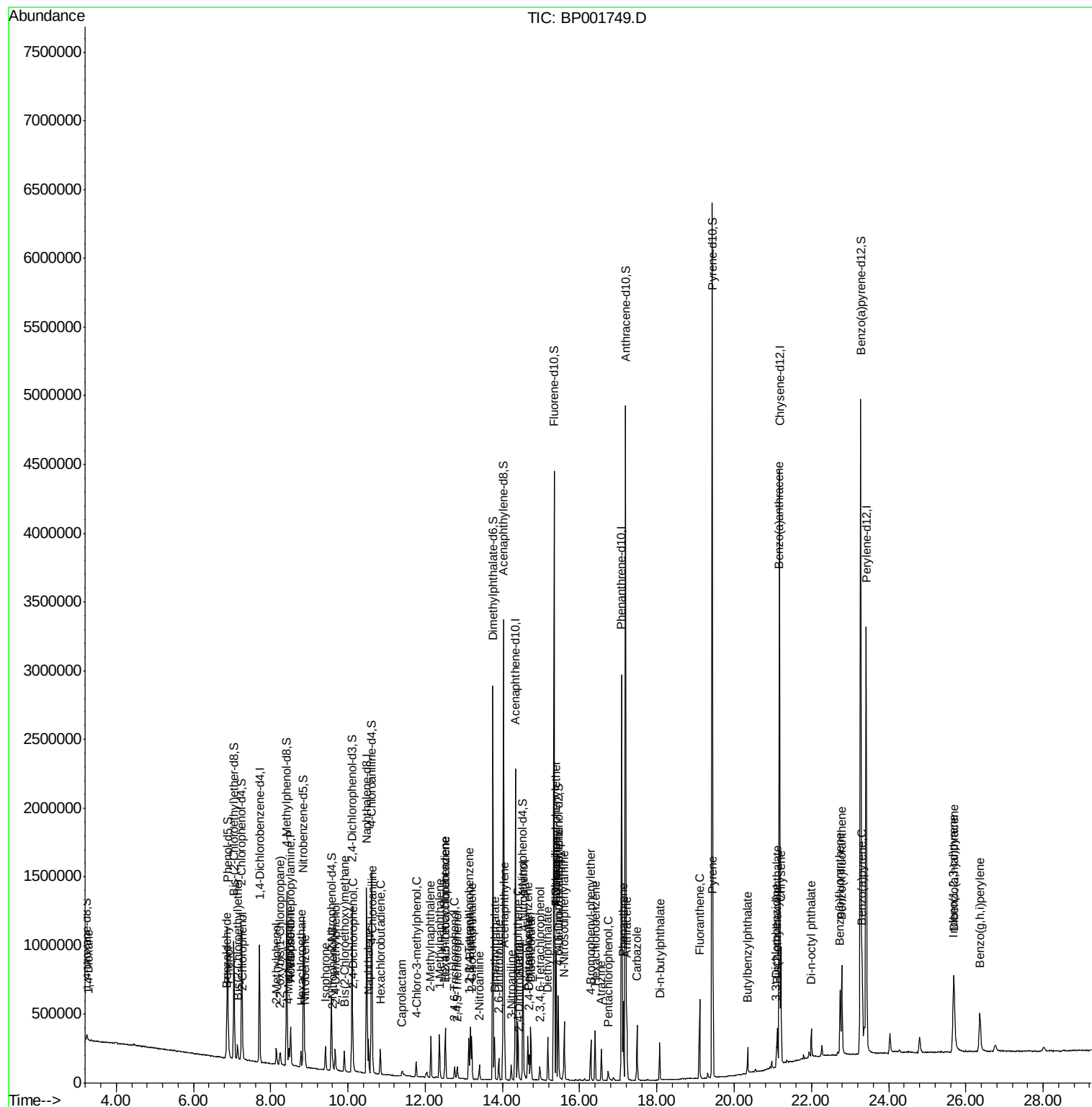
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
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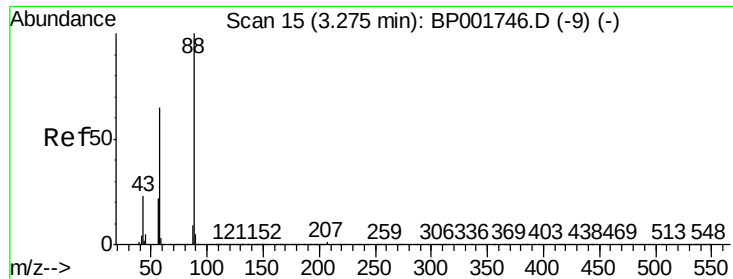
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

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#2

1,4-Dioxane

Concen: 0.92 ng/uL

RT: 3.28 min Scan# 15

Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

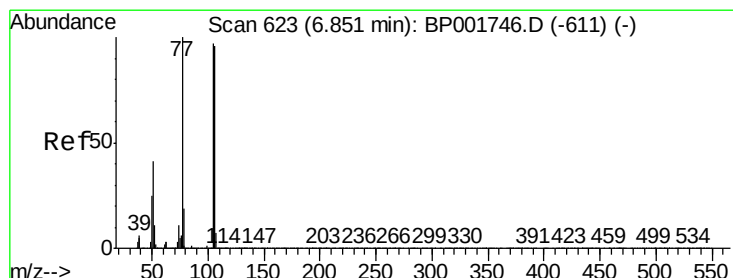
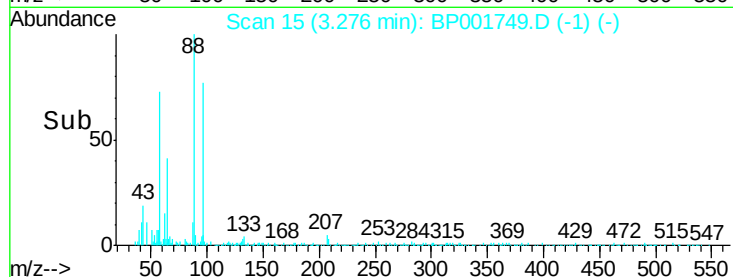
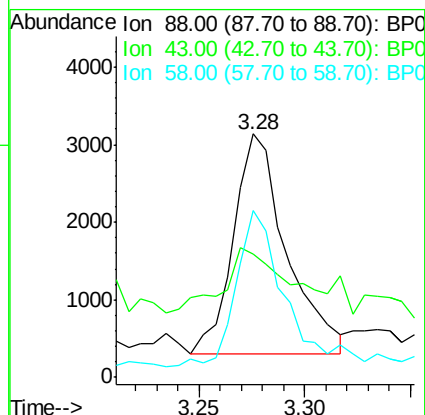
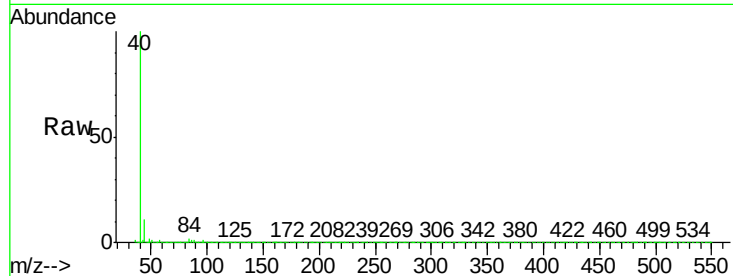
ClientSampleId :

MDL-WATER-02

Tgt Ion:	88	Resp:	4946
Ion Ratio	Lower	Upper	
88	100		
43	50.6	23.0	34.6#
58	68.4	53.1	79.7

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#4

Benzaldehyde

Concen: 4.10 ng/uL

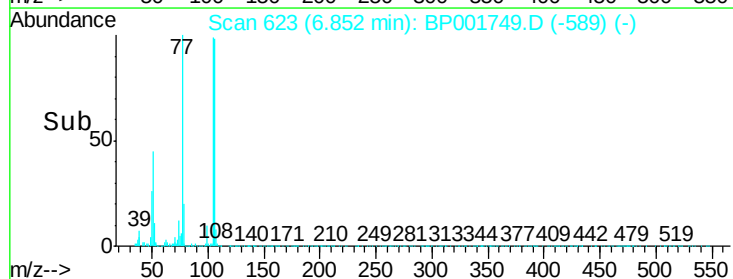
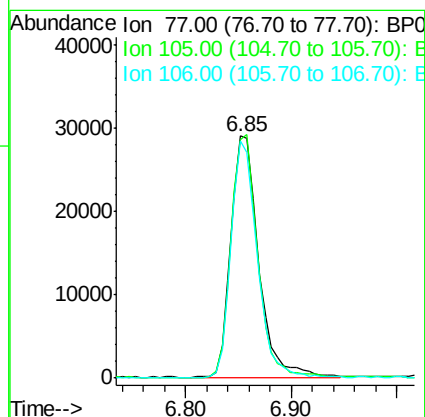
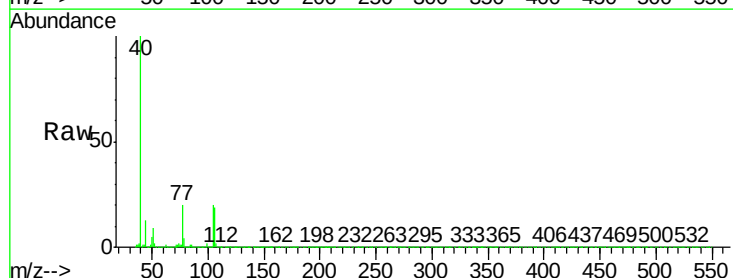
RT: 6.85 min Scan# 623

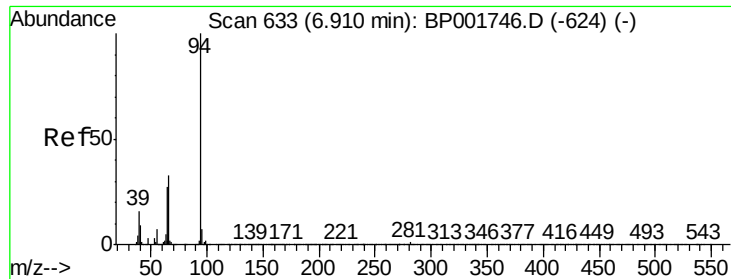
Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion:	77	Resp:	52821
Ion Ratio	Lower	Upper	
77	100		
105	98.6	79.3	118.9
106	97.8	77.0	115.4





#6

Phenol

Concen: 2.93 ng/ul

RT: 6.91 min Scan# 633

Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

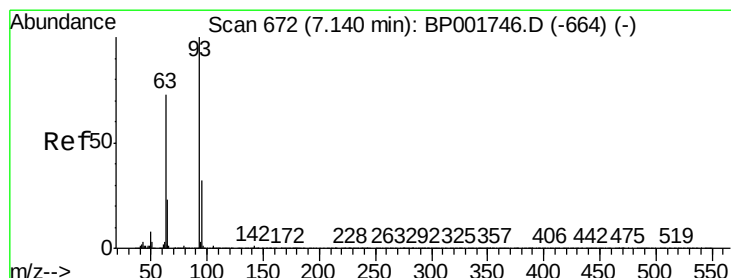
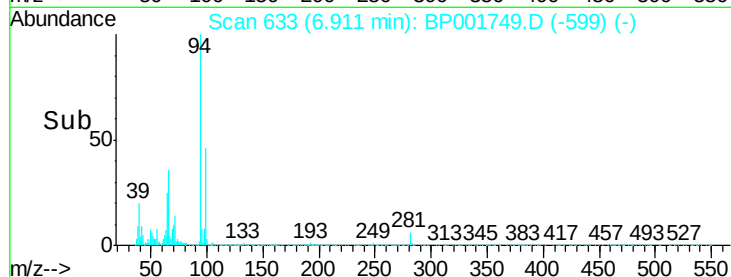
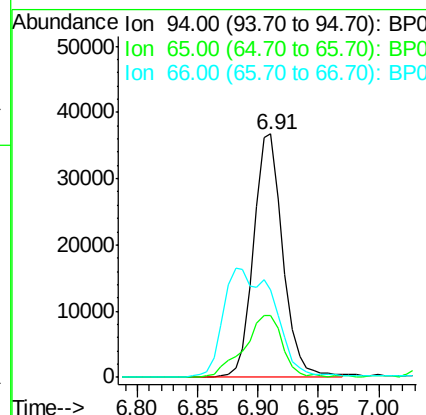
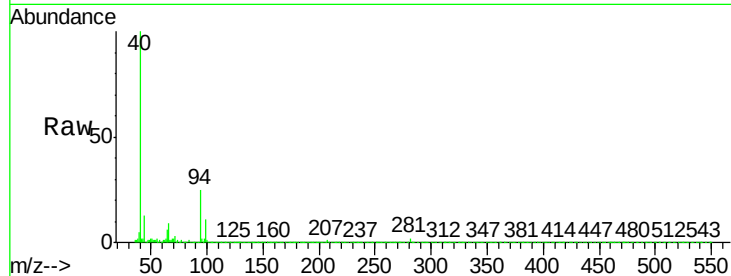
ClientSampleId :

MDL-WATER-02

Tgt Ion:	94	Resp:	62021
Ion Ratio	Lower	Upper	
94	100		
65	25.6	20.7	31.1
66	36.2	26.9	40.3

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#8

Bis(2-Chloroethyl)ether

Concen: 3.47 ng/ul

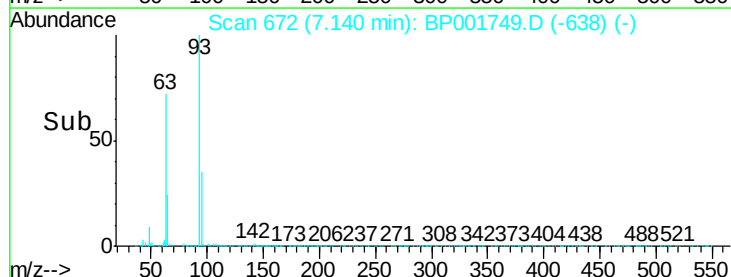
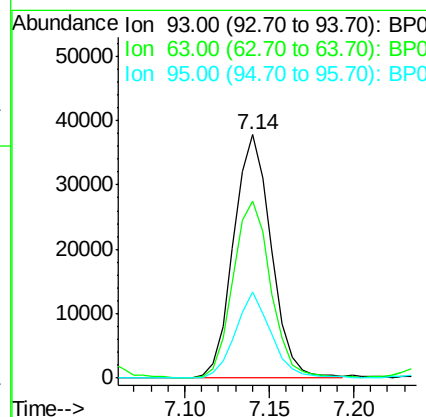
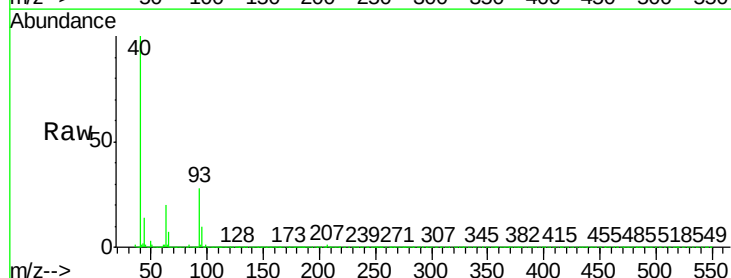
RT: 7.14 min Scan# 672

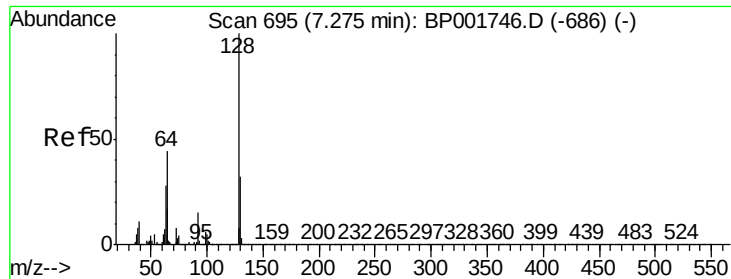
Delta R.T. 0.00 min

Lab File: BP001749.D

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Tgt Ion:	93	Resp:	58184
Ion Ratio	Lower	Upper	
93	100		
63	72.5	58.1	87.1
95	35.5	26.0	39.0





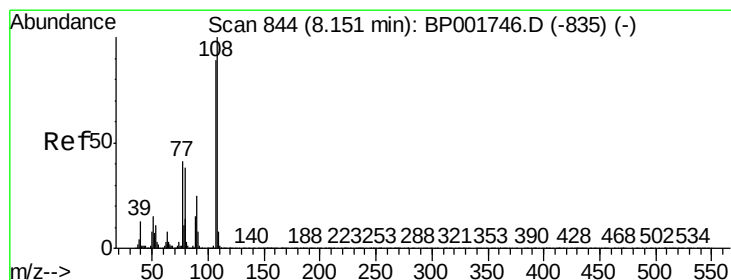
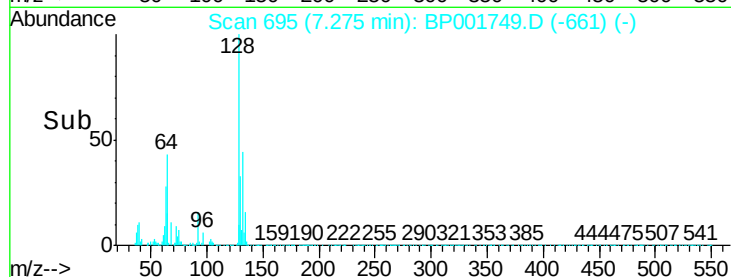
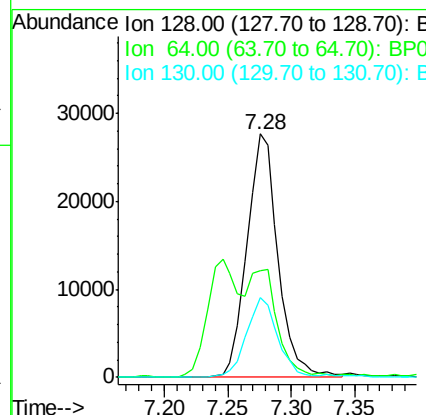
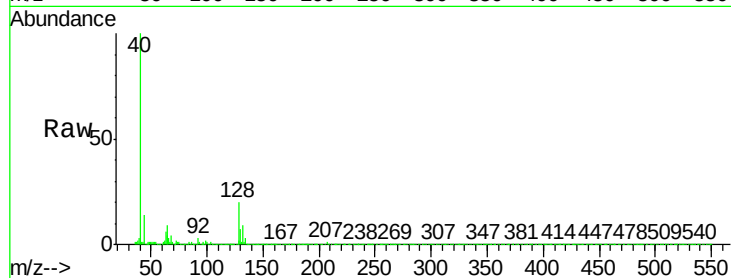
#10
2-Chlorophenol
Concen: 3.06 ng/ul
RT: 7.28 min Scan# 695
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	43.9	34.7	52.1
130	32.6	25.4	38.0

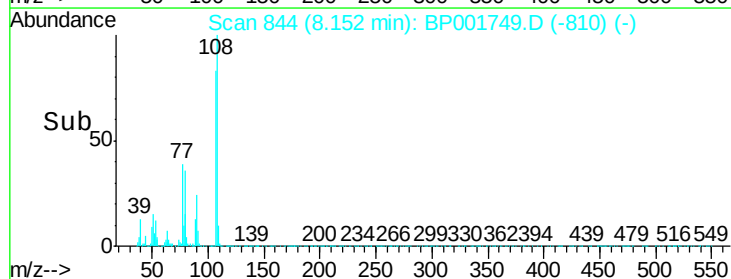
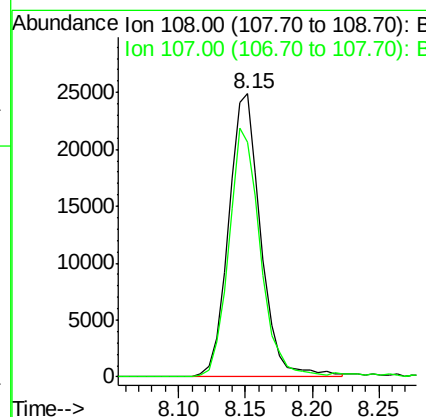
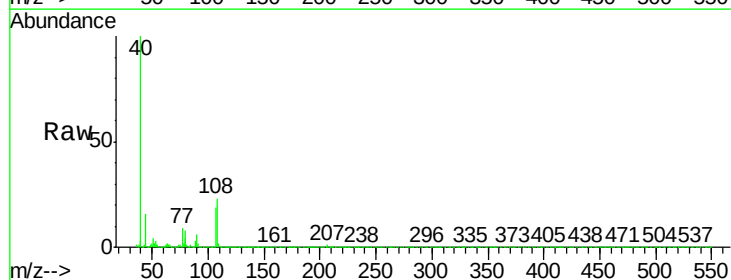
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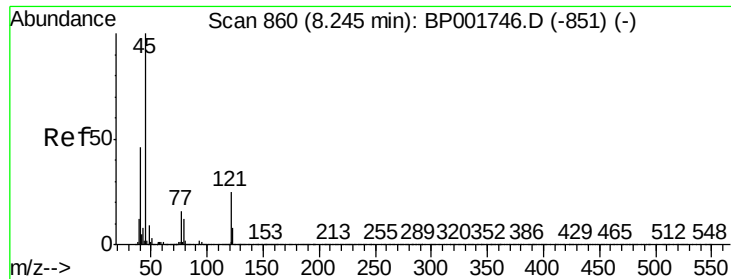
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#11
2-Methylphenol
Concen: 2.57 ng/ul
RT: 8.15 min Scan# 844
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
108	100		
107	83.1	70.2	105.4





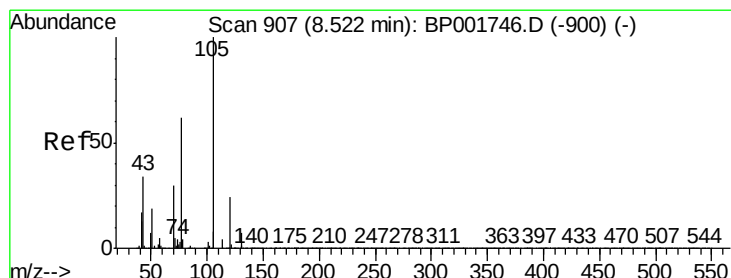
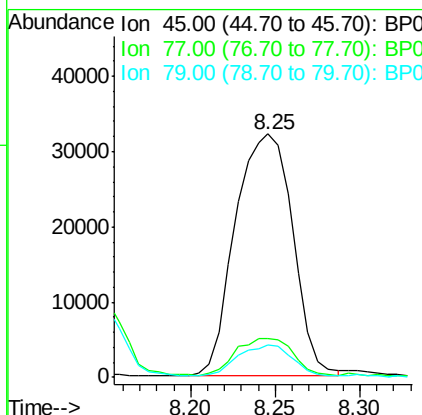
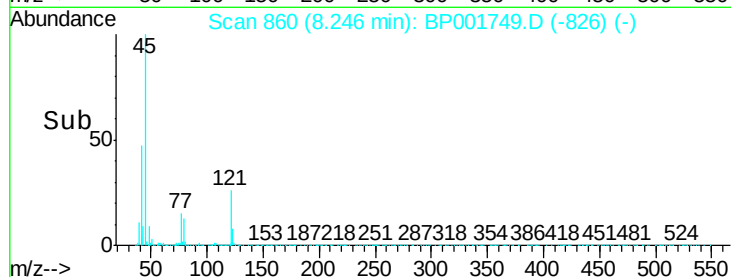
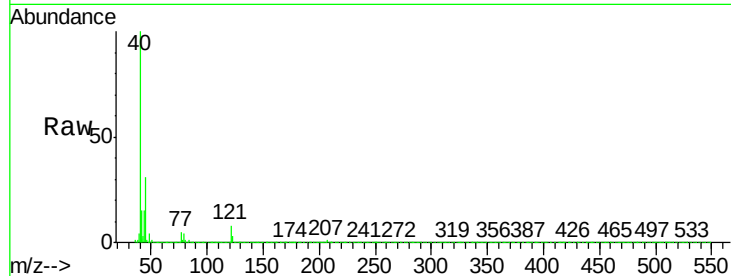
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.52 ng/ul
RT: 8.25 min Scan# 860
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	12.6	19.0
79	13.1	9.7	14.5

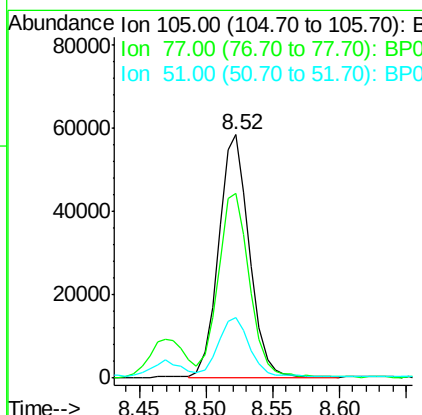
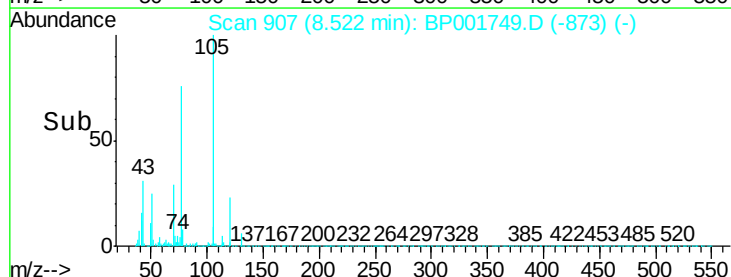
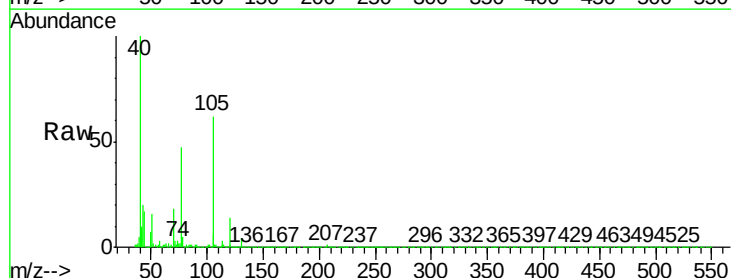
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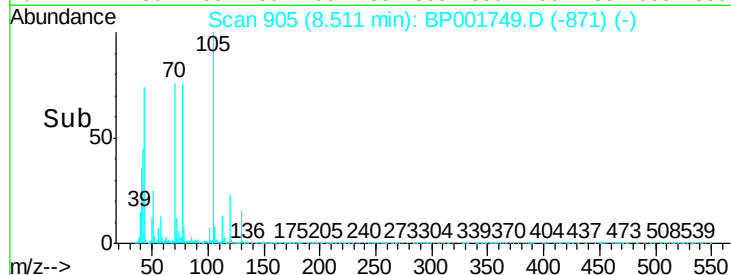
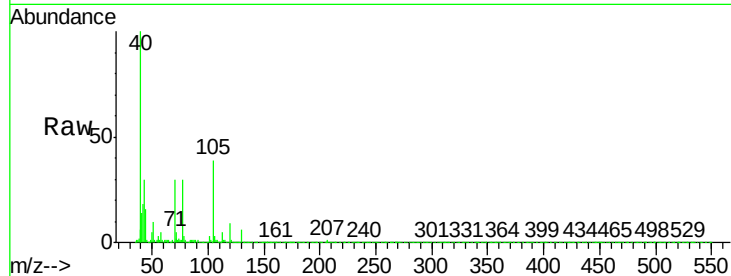
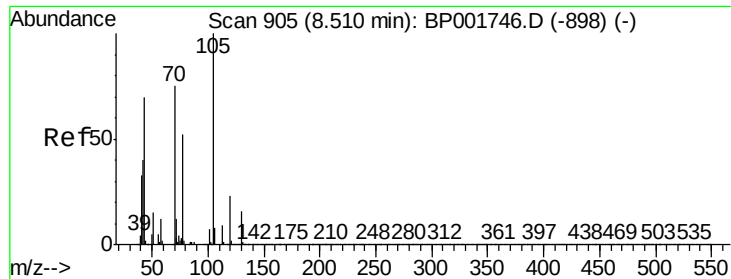
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#14
Acetophenone
Concen: 3.49 ng/ul
RT: 8.52 min Scan# 907
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.9	60.6	91.0
51	25.1	18.8	28.2





#15

N-Nitroso-di-n-propylamine

Concen: 3.36 ng/ul

RT: 8.51 min Scan# 905

Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	45.0	67.4	
101	9.6	7.9	11.9	
130	19.2	18.2	27.2	

Instrument :

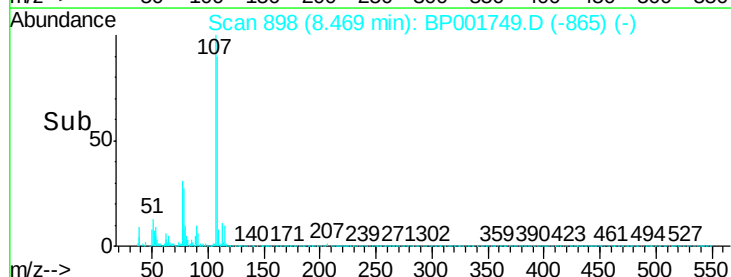
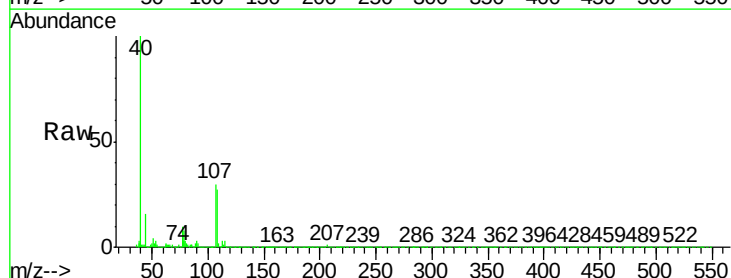
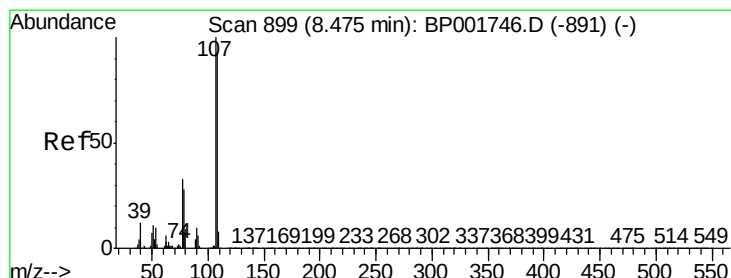
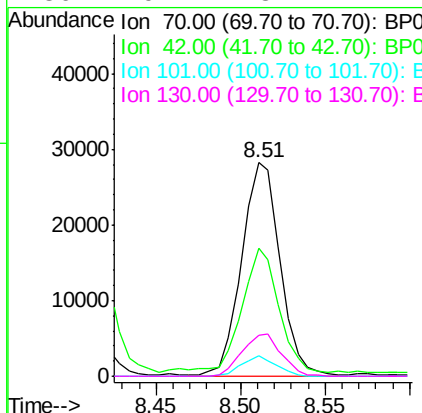
BNA_P

ClientSampleId :

MDL-WATER-02

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#16

4-Methylphenol

Concen: 2.74 ng/ul

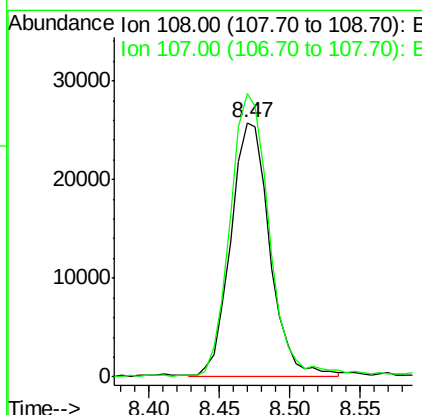
RT: 8.47 min Scan# 898

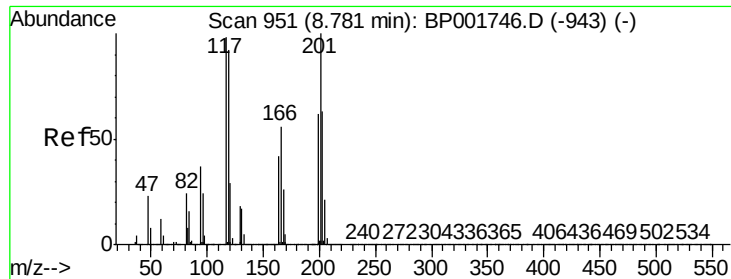
Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	111.2	87.3	130.9	





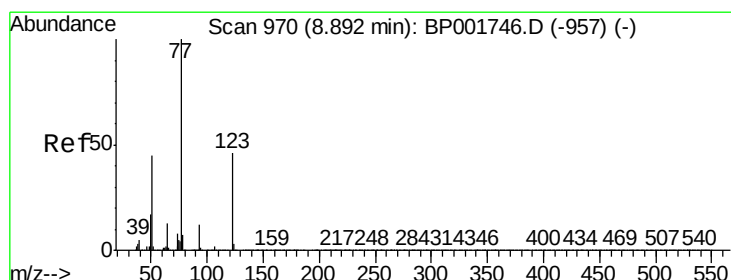
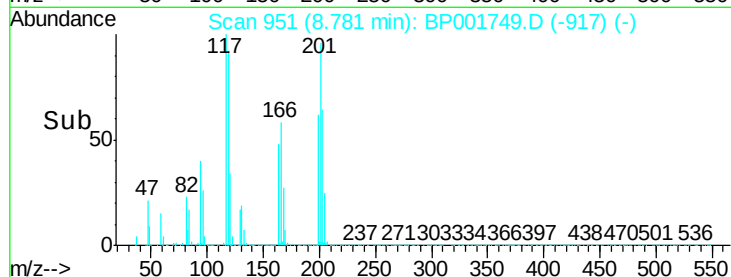
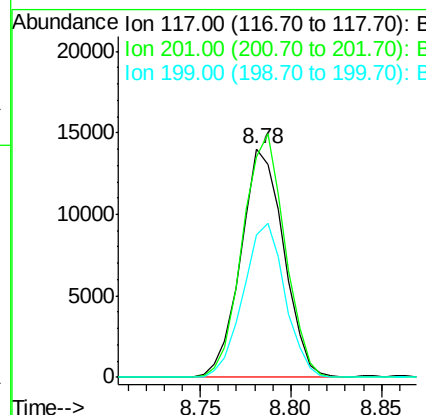
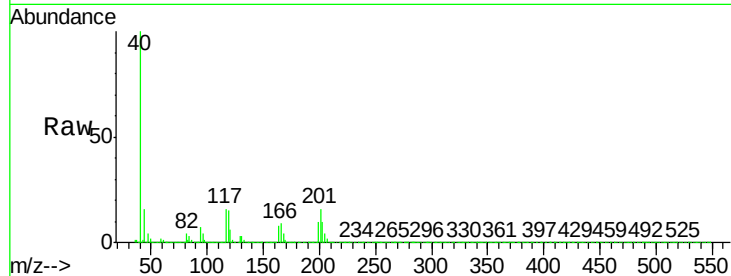
#17
Hexachloroethane
Concen: 3.44 ng/ul
RT: 8.78 min Scan# 951
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	96.2	85.5	128.3
199	62.1	55.3	82.9

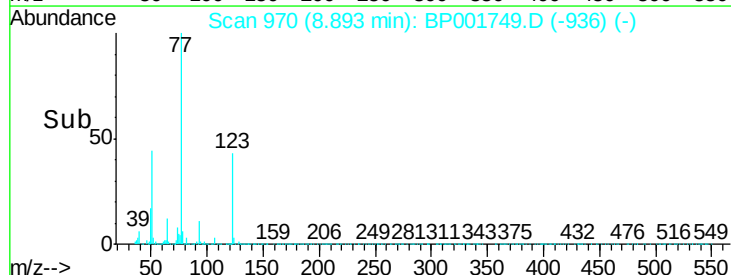
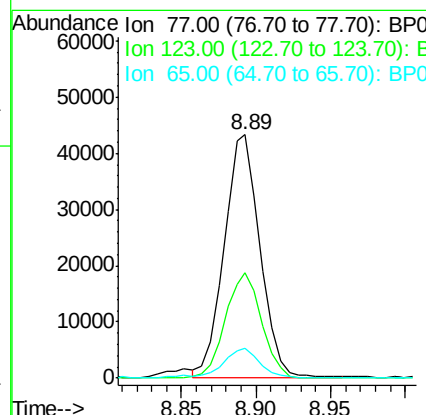
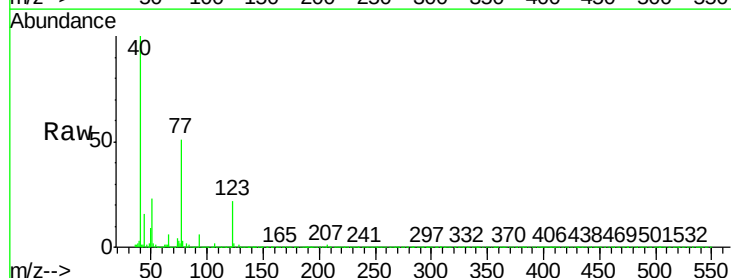
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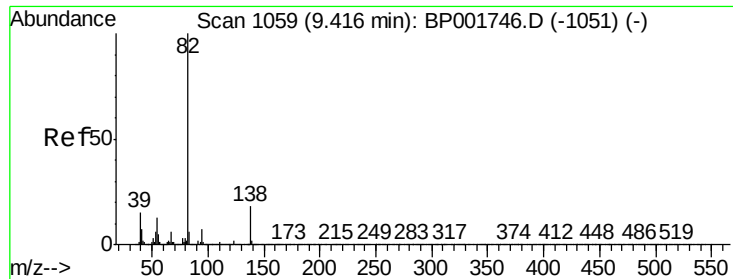
mohammad
2/17/2020 3:50:40 PM



#20
Nitrobenzene
Concen: 3.47 ng/ul
RT: 8.89 min Scan# 970
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	43.2	36.6	54.8
65	12.4	9.9	14.9





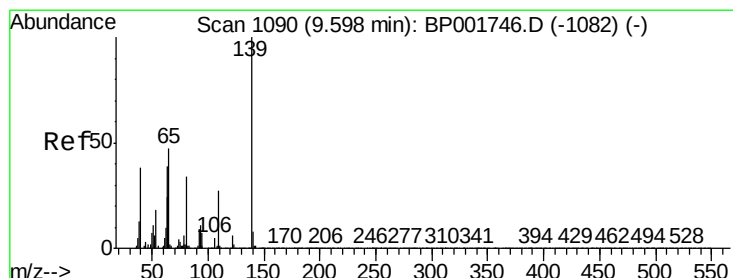
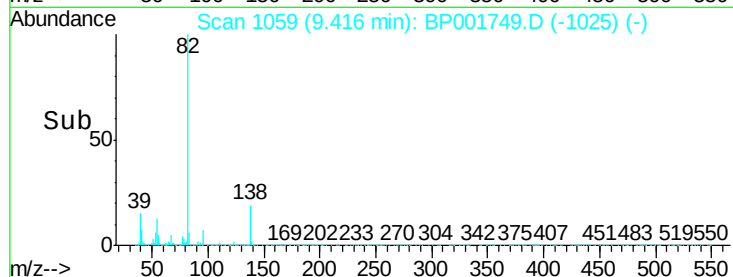
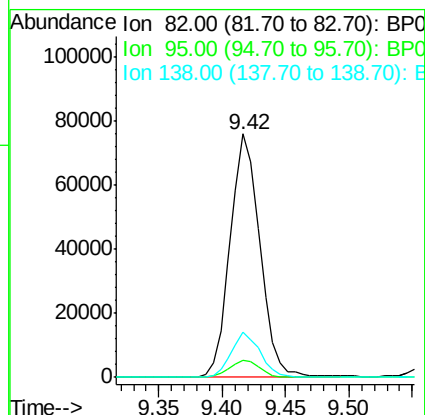
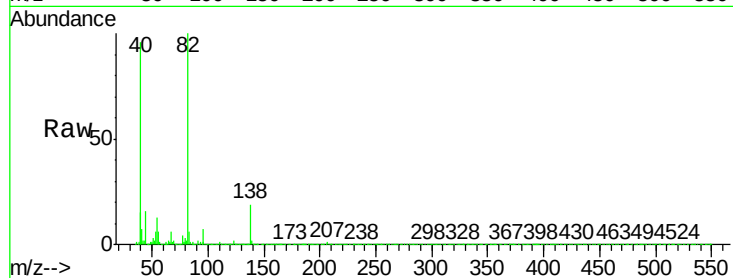
#21
Isophorone
Concen: 3.11 ng/ul
RT: 9.42 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.9	5.5	8.3
138	18.6	15.0	22.4

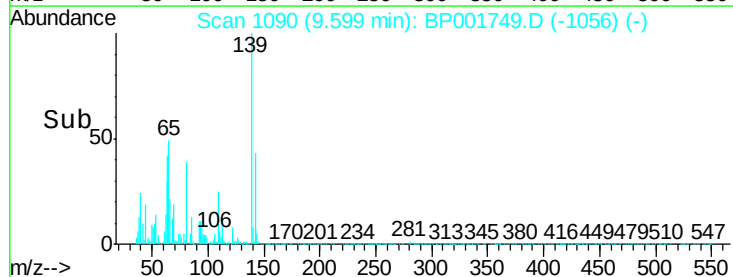
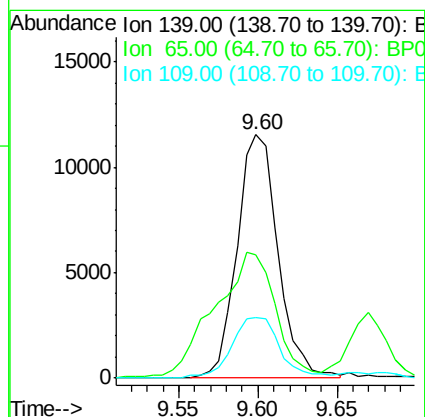
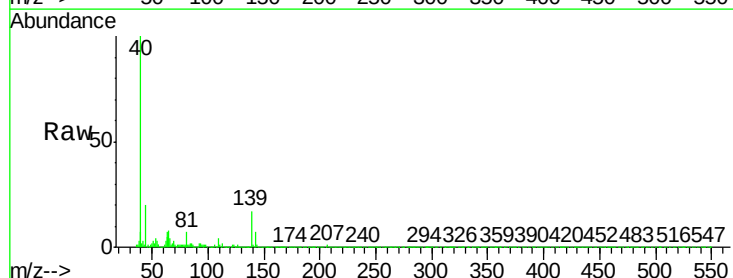
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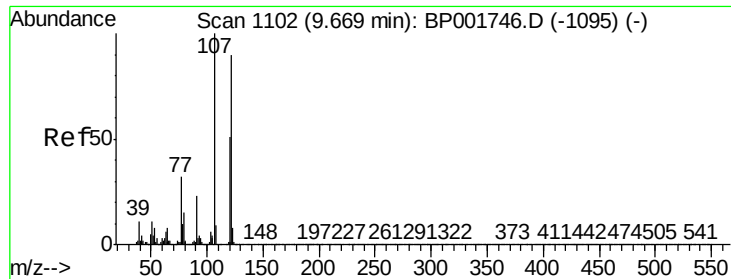
mohammad
2/17/2020 3:50:40 PM



#23
2-Nitrophenol
Concen: 2.57 ng/ul
RT: 9.60 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	50.6	39.8	59.6
109	24.9	22.2	33.2





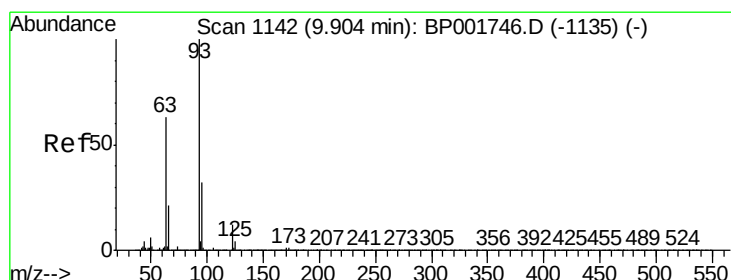
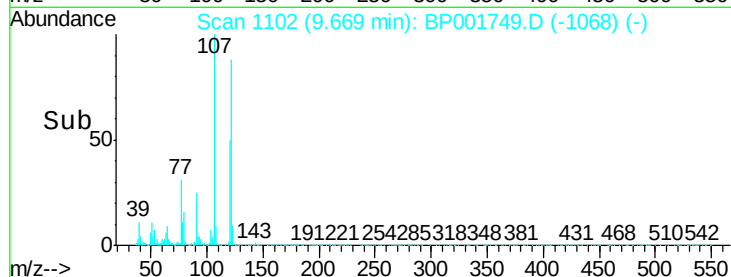
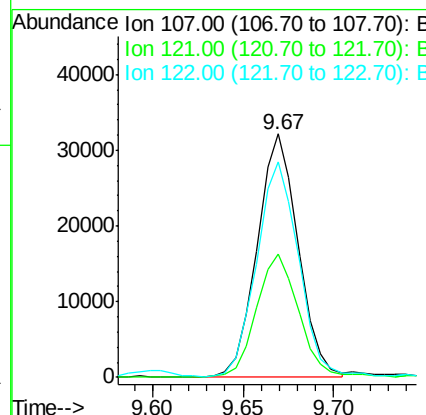
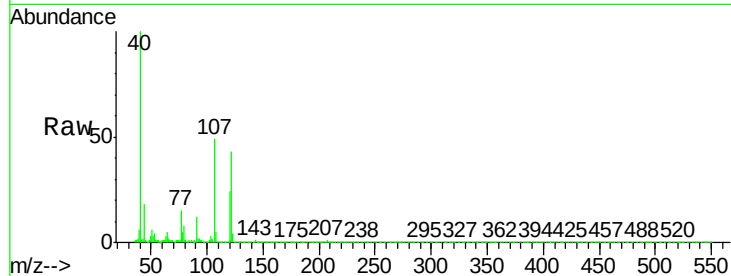
#24
2,4-Dimethylphenol
Concen: 2.71 ng/ul
RT: 9.67 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.4	40.7	61.1
122	88.4	69.6	104.4

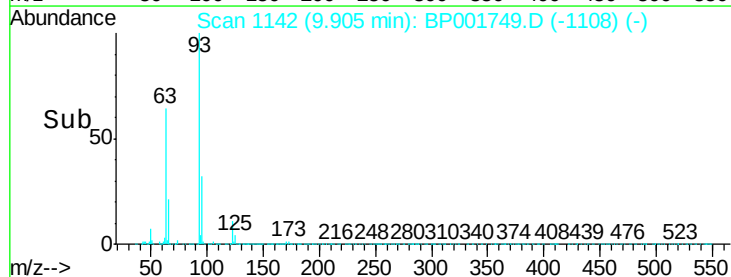
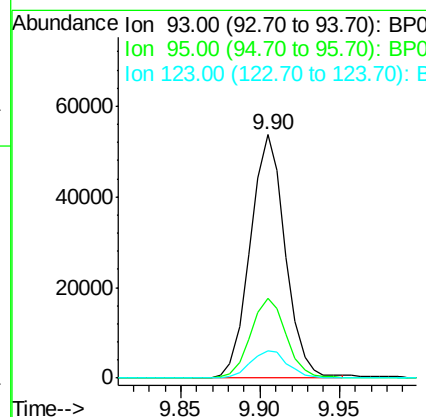
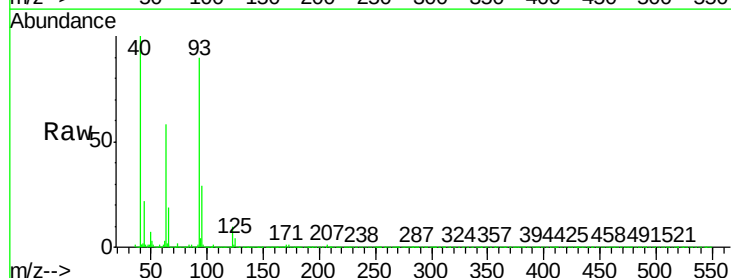
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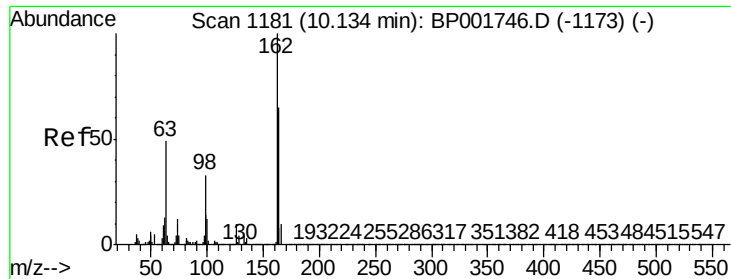
mohammad
2/17/2020 3:50:40 PM



#25
Bis(2-Chloroethoxy)methane
Concen: 3.32 ng/ul
RT: 9.90 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	11.4	9.0	13.6





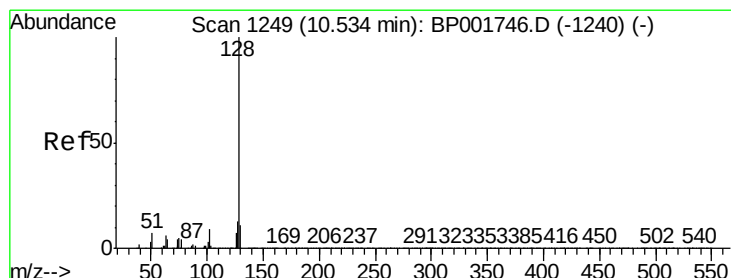
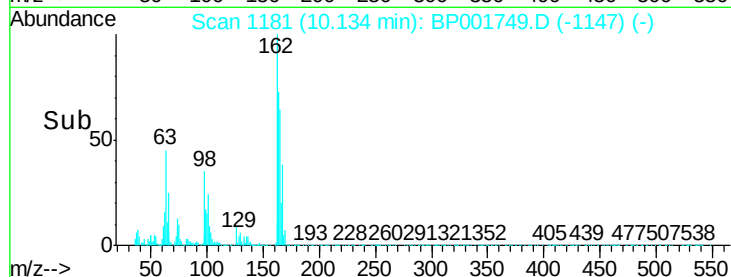
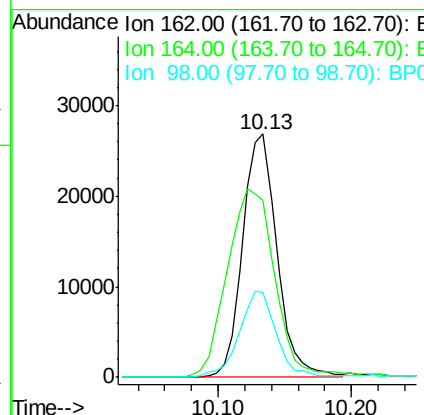
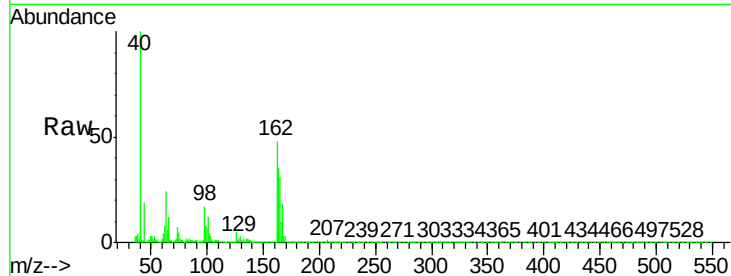
#27
 2,4-Dichlorophenol
 Concen: 2.95 ng/ul
 RT: 10.13 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
162	100		
164	72.8	52.2	78.2
98	35.1	26.6	40.0

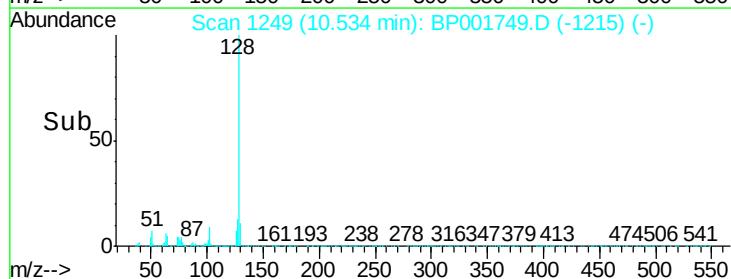
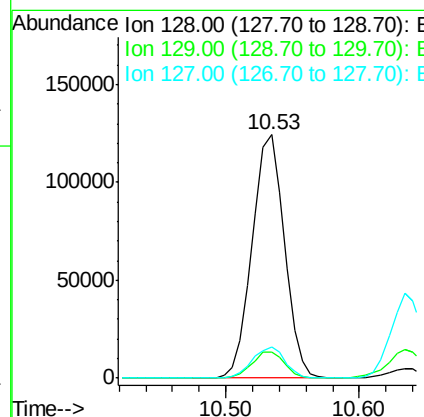
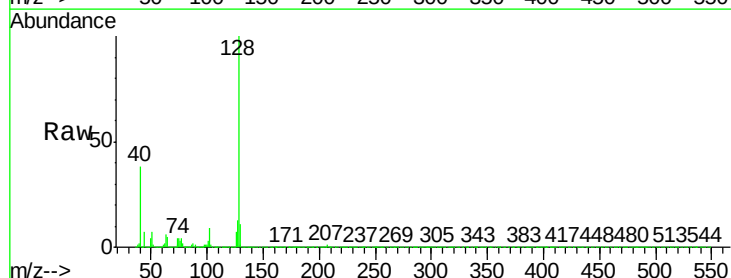
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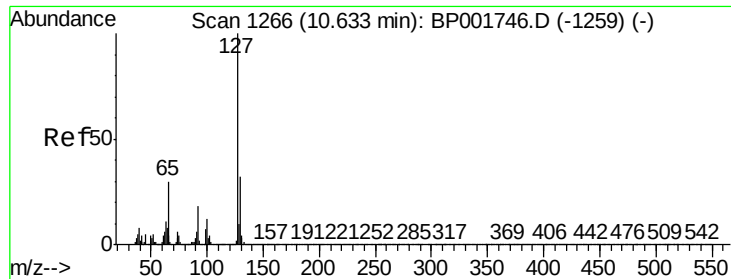
mohammad
 2/17/2020 3:50:40 PM



#28
 Naphthalene
 Concen: 3.45 ng/ul
 RT: 10.53 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	10.2	15.2





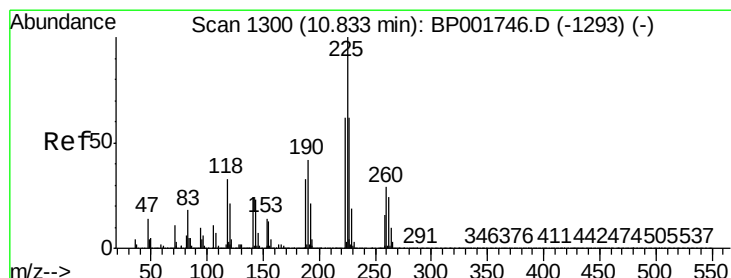
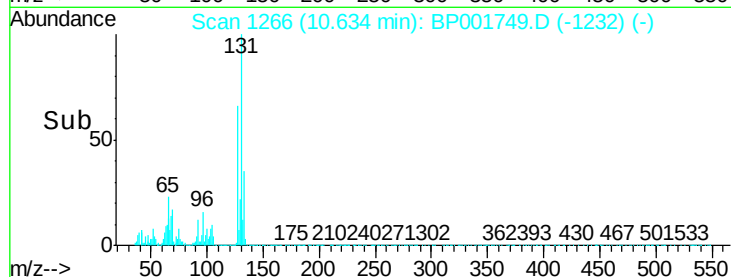
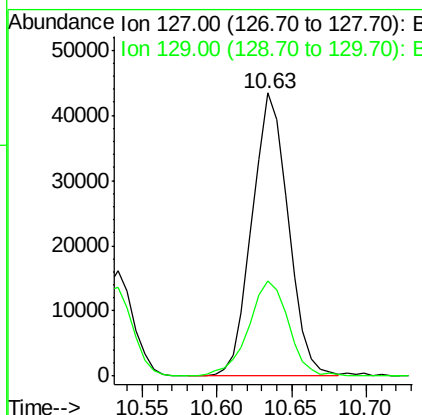
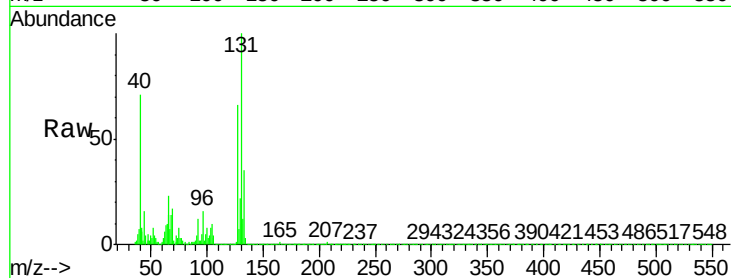
#30
4-Chloroaniline
Concen: 3.60 ng/ul
RT: 10.63 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampled :
MDL-WATER-02

Tgt Ion:127 Resp: 72795
Ion Ratio Lower Upper
127 100
129 33.5 25.3 37.9

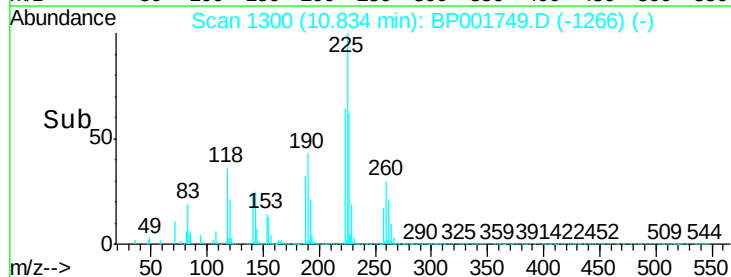
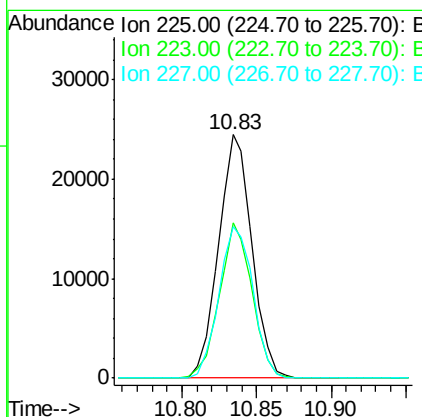
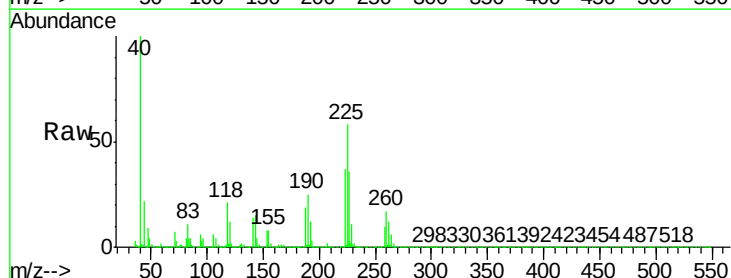
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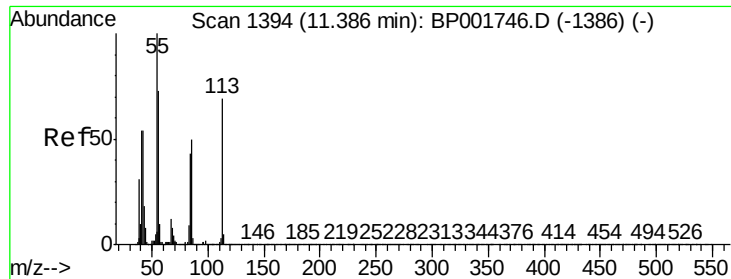
mohammad
2/17/2020 3:50:40 PM



#31
Hexachlorobutadiene
Concen: 3.39 ng/ul
RT: 10.83 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion:225 Resp: 38210
Ion Ratio Lower Upper
225 100
223 63.8 50.3 75.5
227 66.1 51.4 77.0





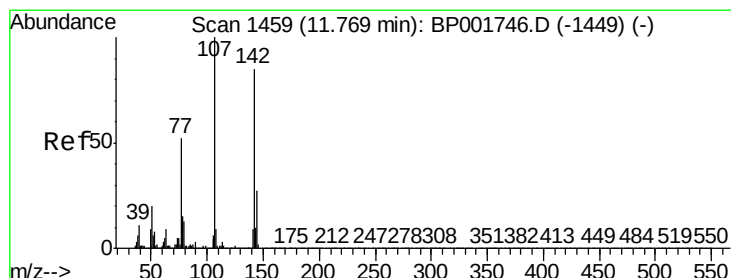
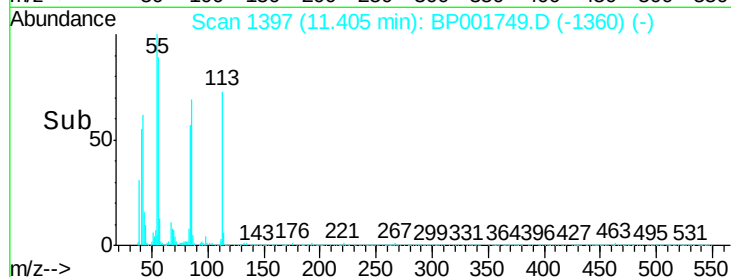
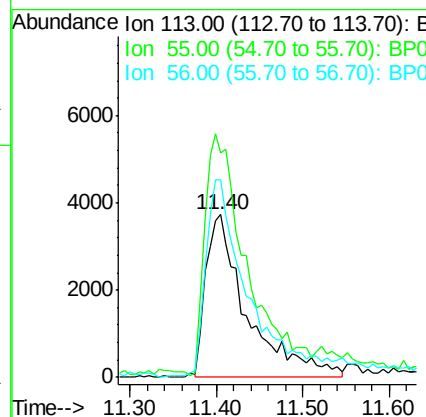
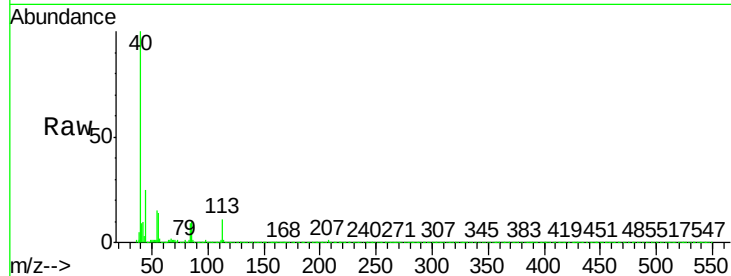
#32
 Caprolactam
 Concen: 2.07 ng/ul m
 RT: 11.40 min Scan# 1397
 Delta R.T. 0.02 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
113	100		
55	137.8	117.3	175.9
56	121.6	90.7	136.1

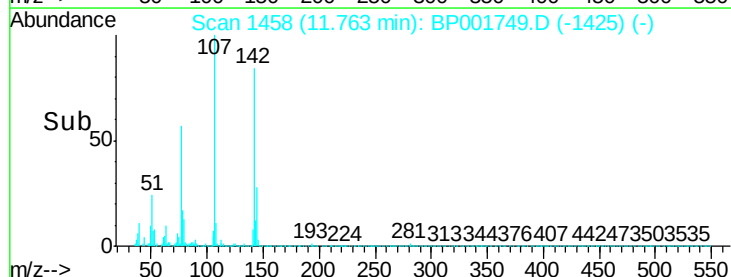
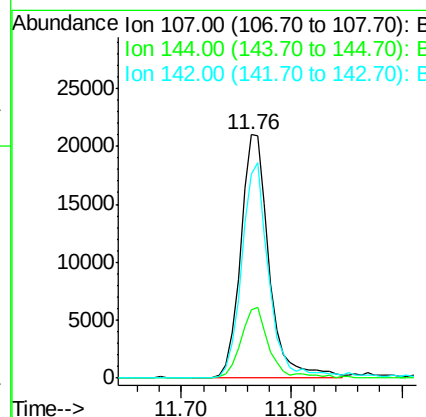
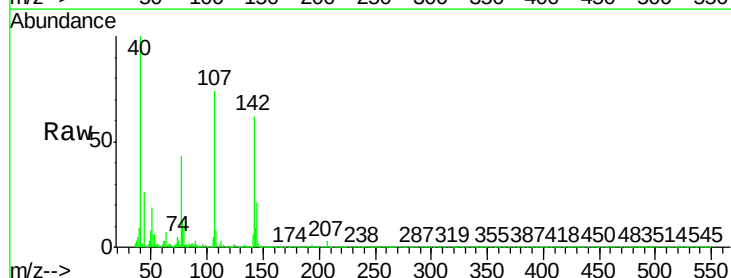
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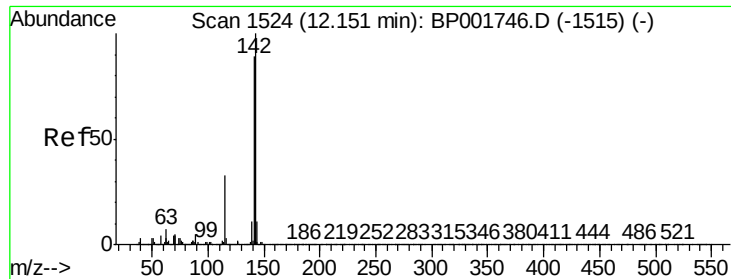
mohammad
 2/17/2020 3:50:40 PM



#33
 4-Chloro-3-methylphenol
 Concen: 2.28 ng/ul
 RT: 11.76 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.0	33.0
142	84.0	66.3	99.5





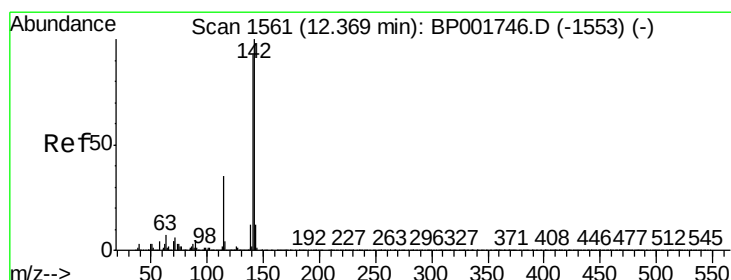
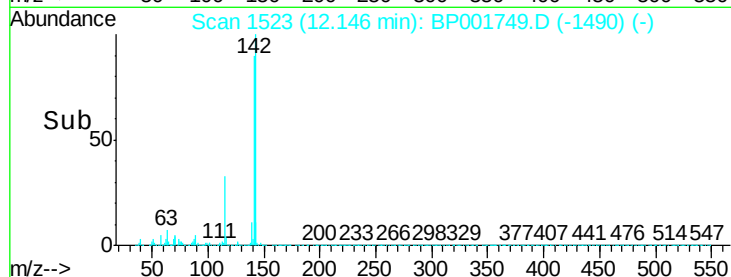
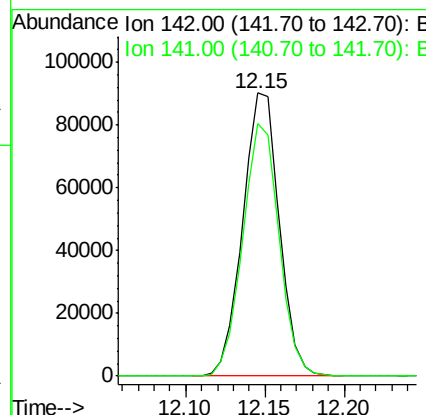
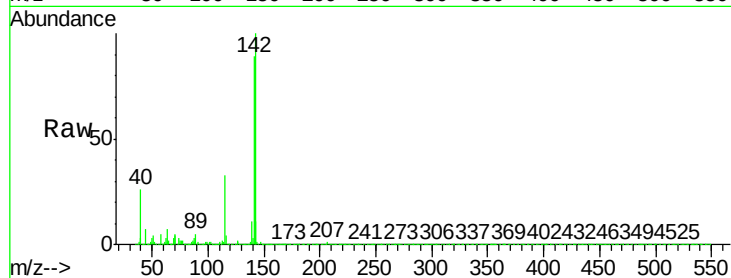
#34
2-Methylnaphthalene
Concen: 3.33 ng/ul
RT: 12.15 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion:142 Resp: 144020
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1

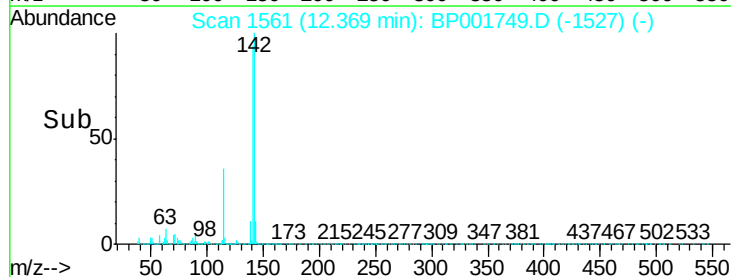
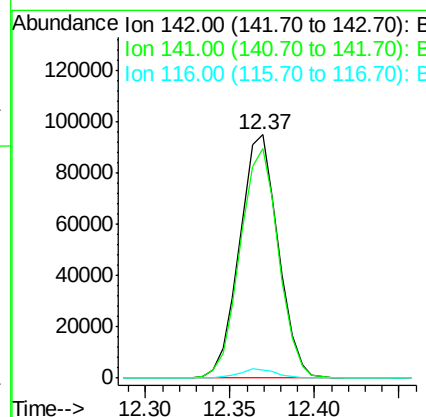
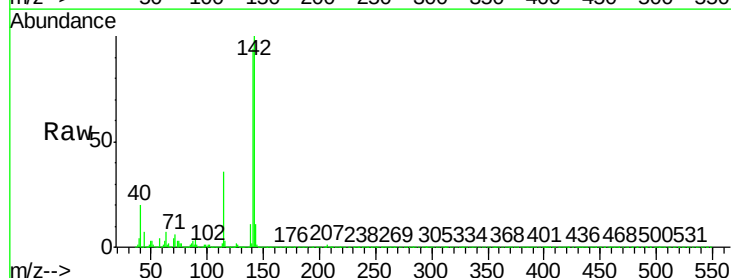
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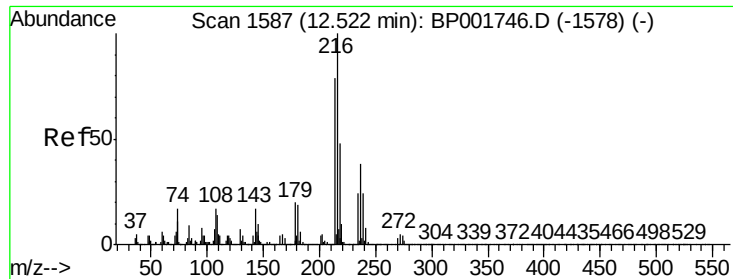
mohammad
2/17/2020 3:50:40 PM



#35
1-Methylnaphthalene
Concen: 3.52 ng/ul
RT: 12.37 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion:142 Resp: 151279
Ion Ratio Lower Upper
142 100
141 94.3 74.4 111.6
116 3.4 3.0 4.4





#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.36 ng/ul

RT: 12.52 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

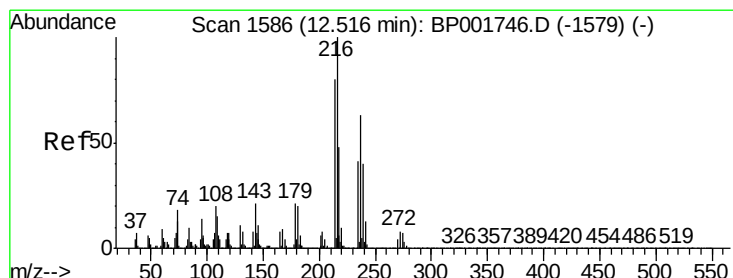
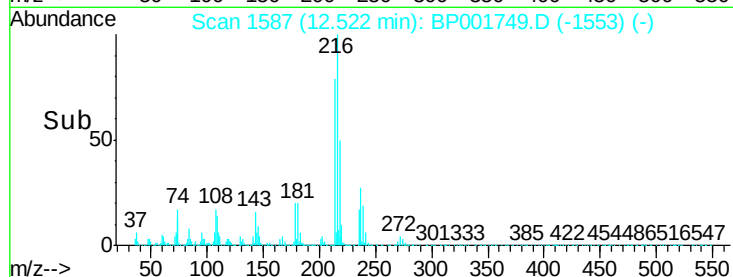
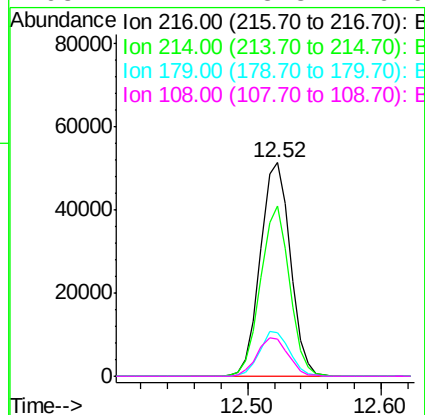
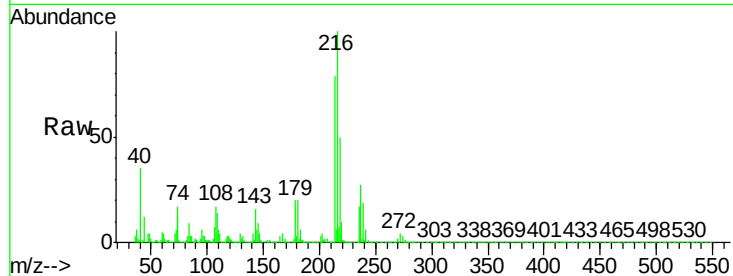
ClientSampleId :

MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	79811		
214	79.5	63.2	94.8	
179	20.1	16.2	24.4	
108	17.2	13.8	20.6	

Manual Integrations
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mohammad
2/17/2020 3:50:40 PM



#38

Hexachlorocyclopentadiene

Concen: 2.49 ng/ul

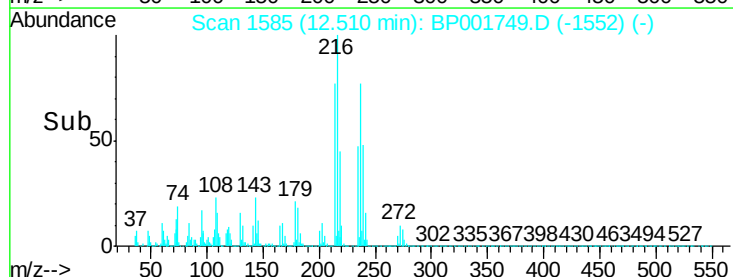
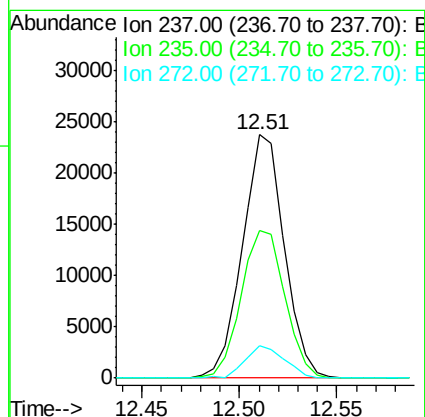
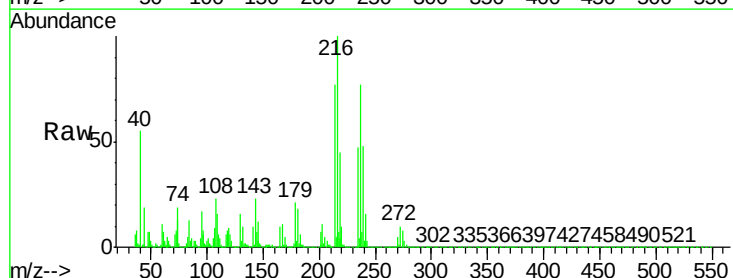
RT: 12.51 min Scan# 1585

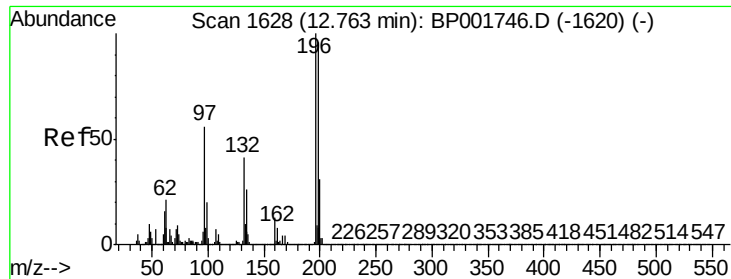
Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35293		
235	60.5	50.3	75.5	
272	13.7	10.5	15.7	





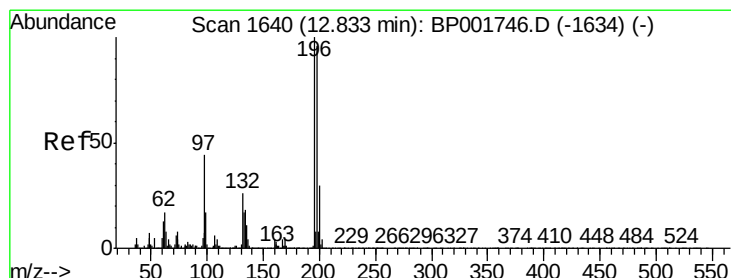
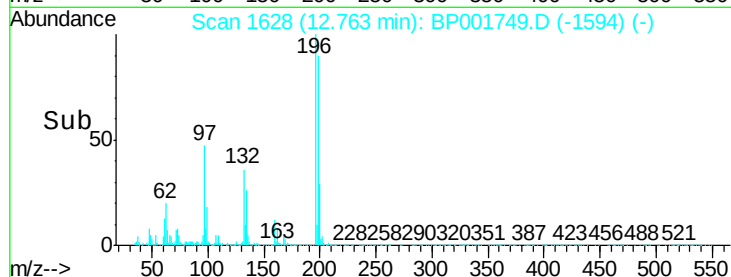
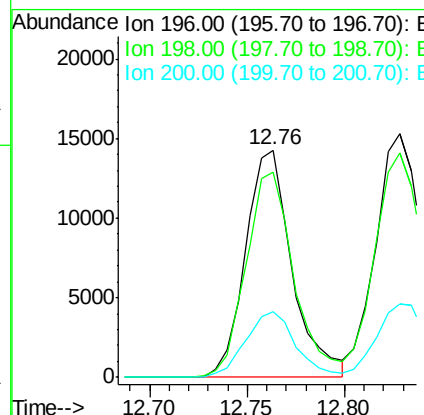
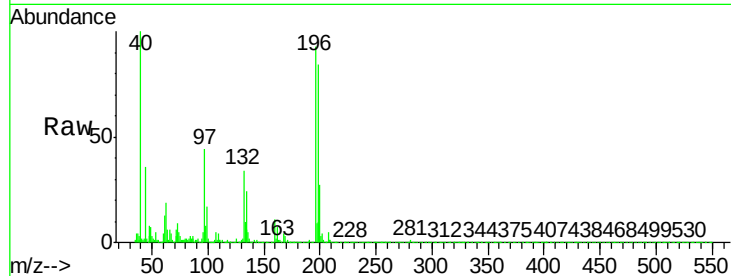
#39
 2,4,6-Trichlorophenol
 Concen: 1.95 ng/ul
 RT: 12.76 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.4	76.6	114.8
200	28.7	24.6	37.0

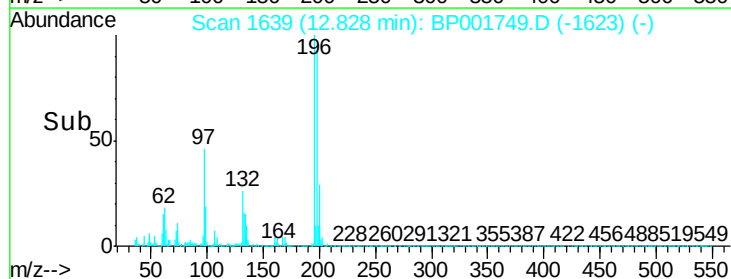
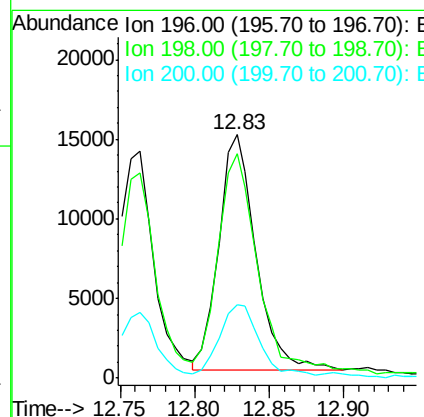
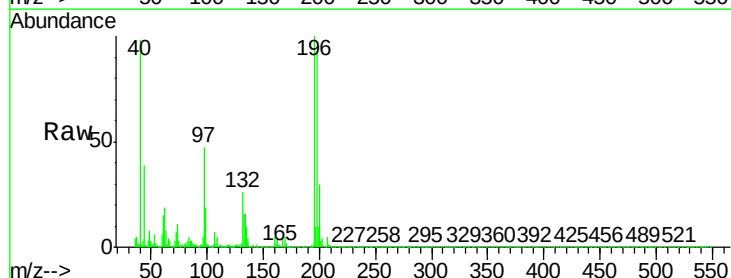
Manual Integrations
 APPROVED

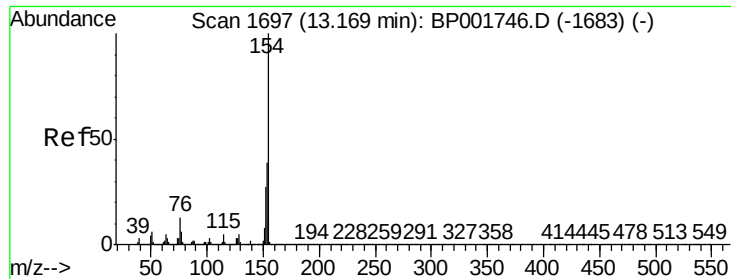
mohammad
 2/17/2020 3:50:40 PM



#40
 2,4,5-Trichlorophenol
 Concen: 1.87 ng/ul
 RT: 12.83 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	77.3	115.9
200	30.1	24.4	36.6





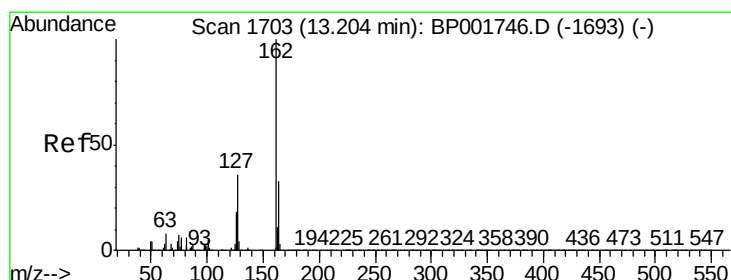
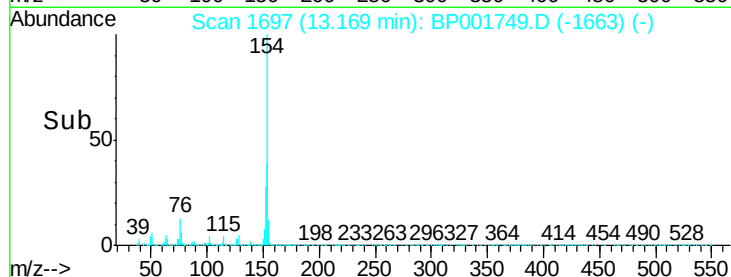
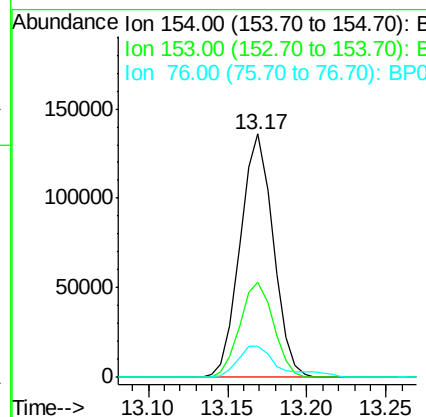
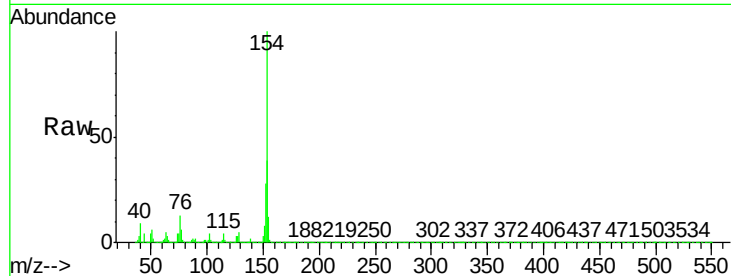
#41
1,1'-Biphenyl
Concen: 3.39 ng/ul
RT: 13.17 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	197225		
153	38.9	31.6	47.4	
76	12.9	10.4	15.6	

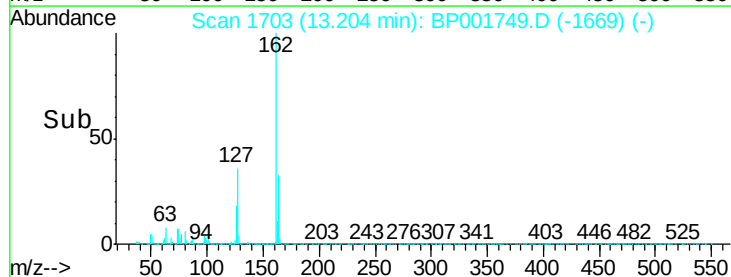
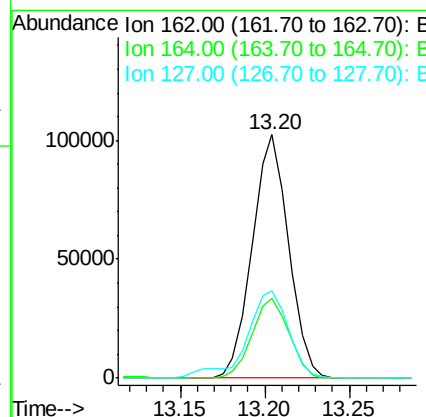
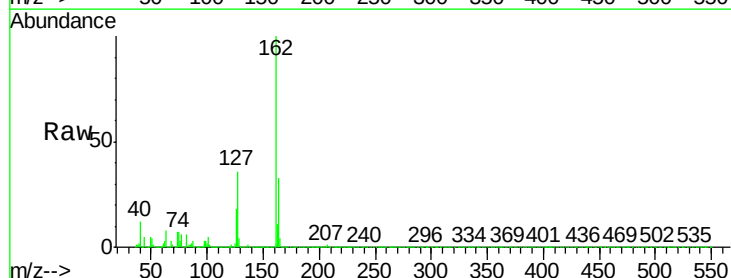
Manual Integrations
APPROVED

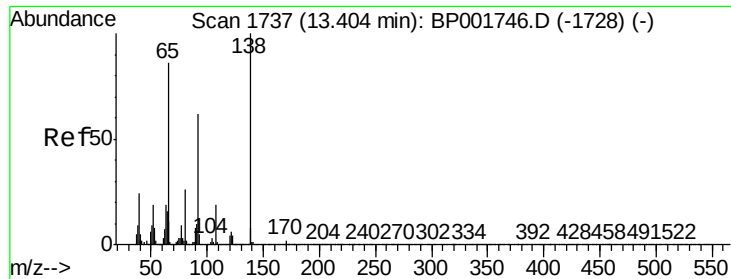
mohammad
2/17/2020 3:50:40 PM



#42
2-Chloronaphthalene
Concen: 3.33 ng/ul
RT: 13.20 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	153240		
164	32.7	26.7	40.1	
127	35.7	29.6	44.4	





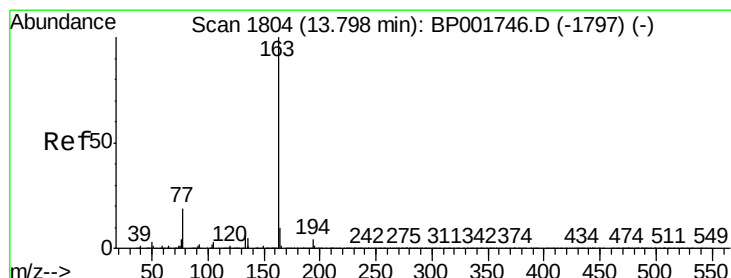
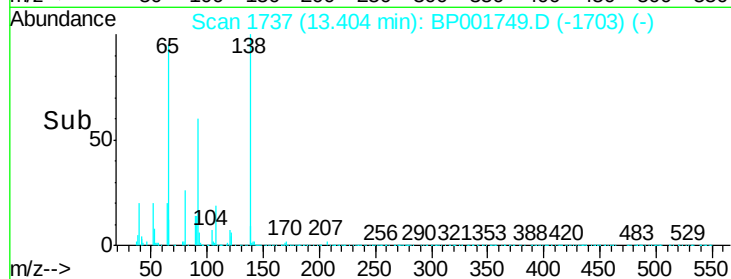
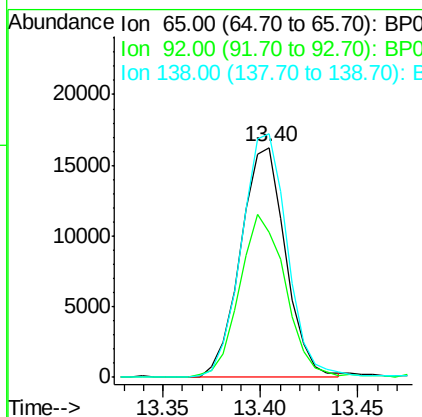
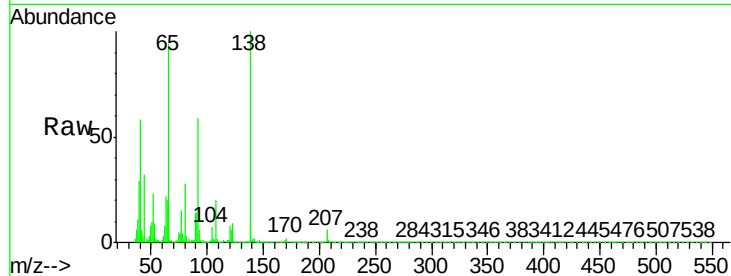
#43
2-Nitroaniline
Concen: 2.29 ng/ul
RT: 13.40 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	57.7	86.5
138	106.0	92.7	139.1

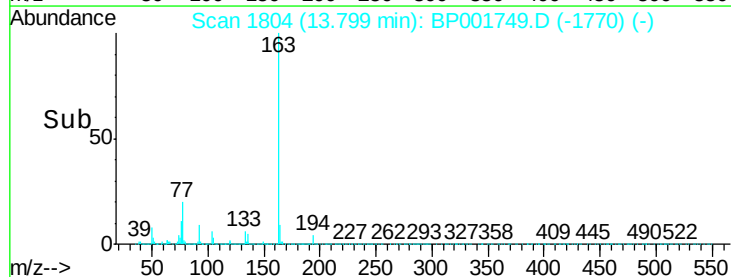
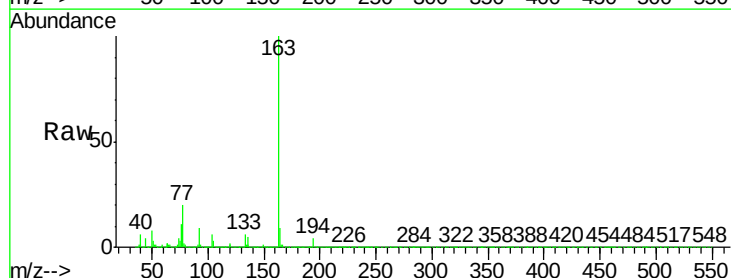
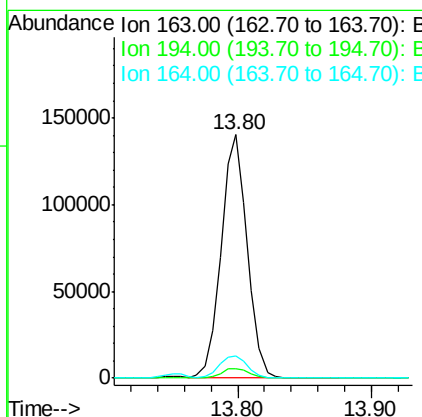
Manual Integrations
APPROVED

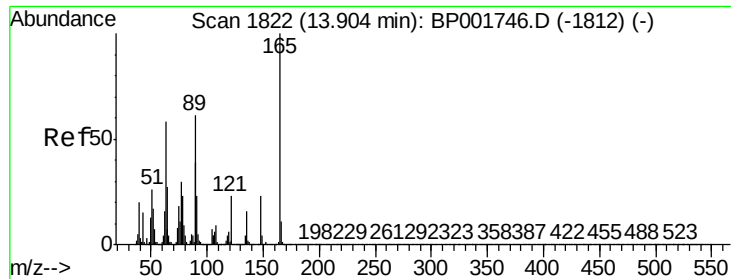
mohammad
2/17/2020 3:50:40 PM



#45
Dimethylphthalate
Concen: 3.32 ng/ul
RT: 13.80 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.2	8.0	12.0





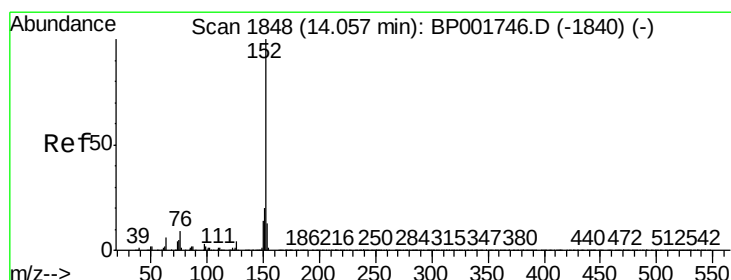
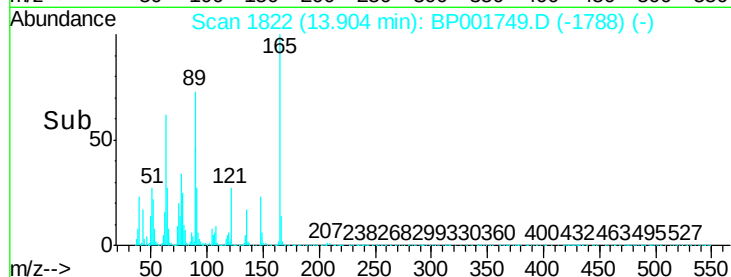
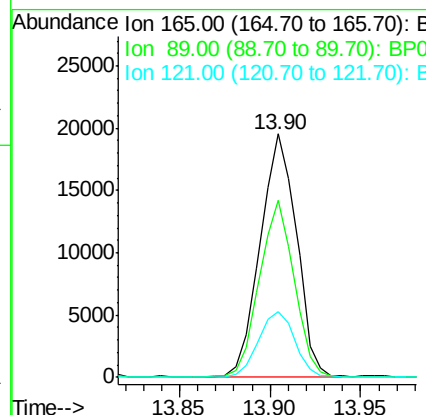
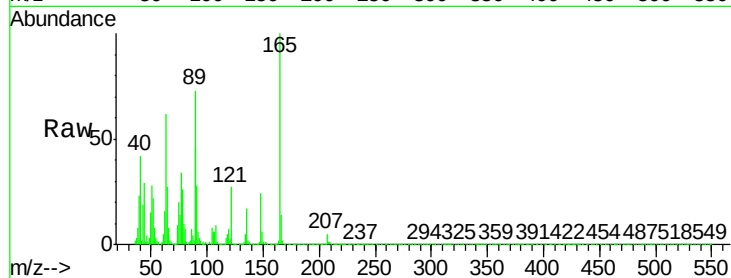
#46
2,6-Dinitrotoluene
Concen: 2.44 ng/ul
RT: 13.90 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	72.9	46.6	70.0#
121	26.9	17.4	26.0#

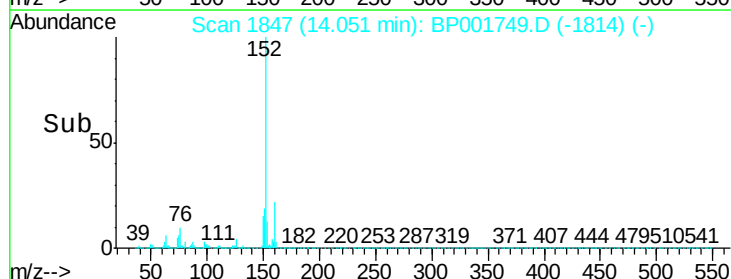
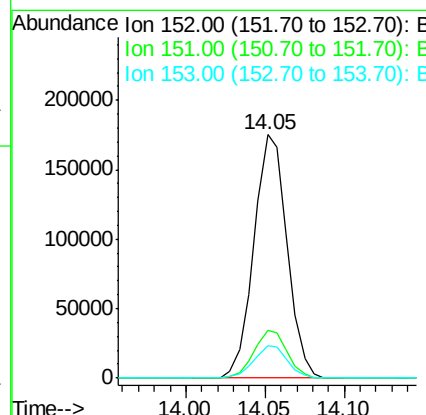
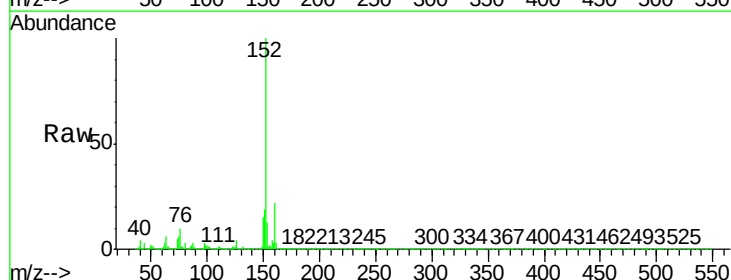
Manual Integrations
APPROVED

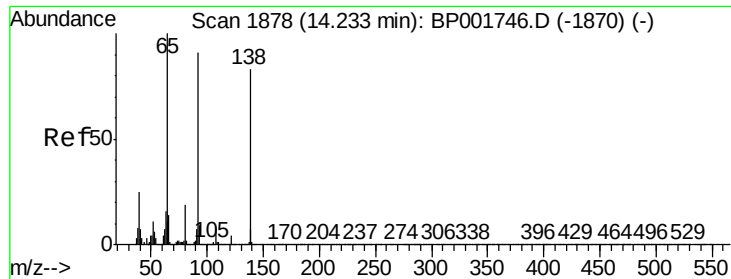
mohammad
2/17/2020 3:50:40 PM



#48
Acenaphthylene
Concen: 3.42 ng/ul
RT: 14.05 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.4	15.9	23.9
153	13.1	10.6	16.0





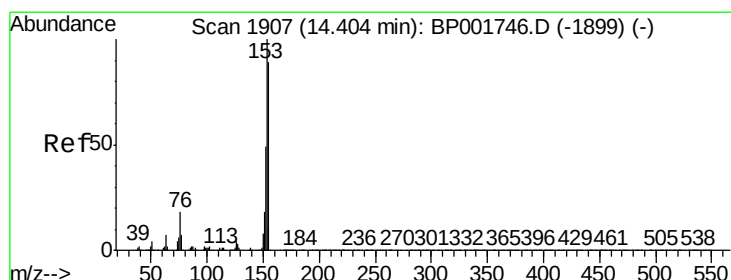
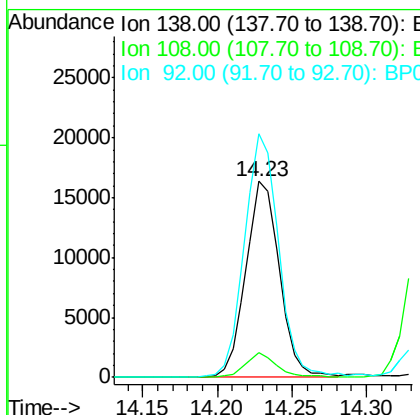
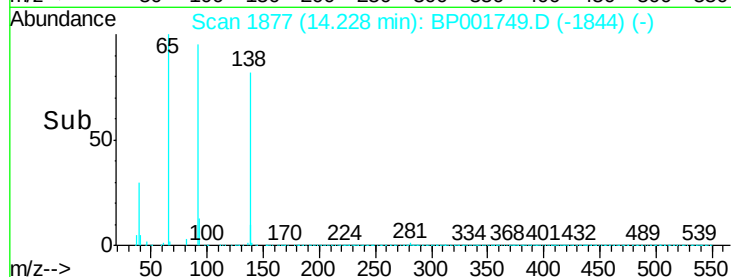
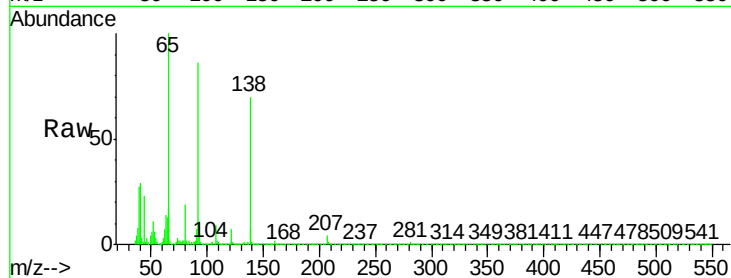
#49
3-Nitroaniline
Concen: 2.36 ng/ul
RT: 14.23 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.8	7.8	11.6#
92	124.2	87.6	131.4

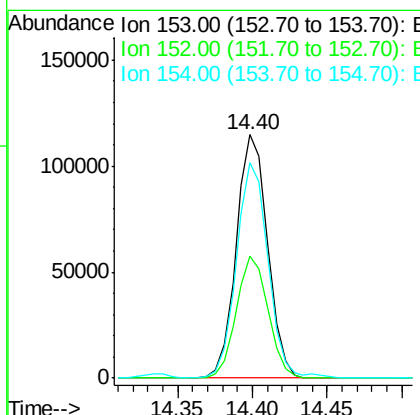
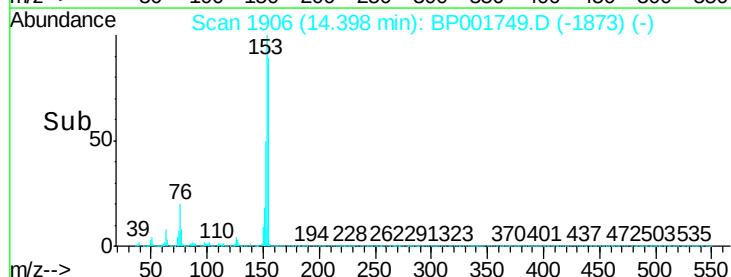
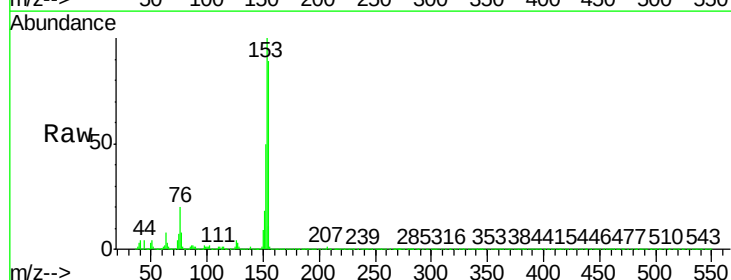
Manual Integrations
APPROVED

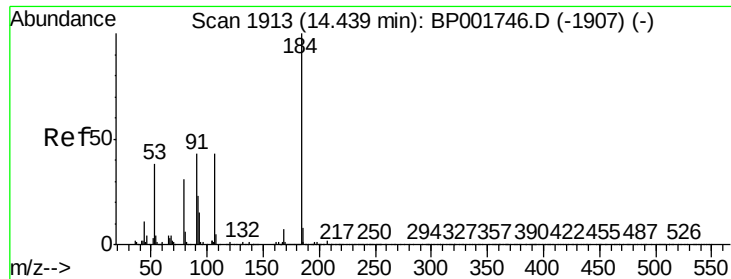
mohammad
2/17/2020 3:50:40 PM



#50
Acenaphthene
Concen: 3.35 ng/ul
RT: 14.40 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.4	59.2
154	88.5	70.8	106.2





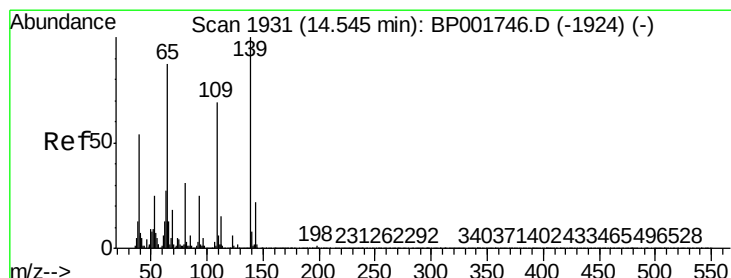
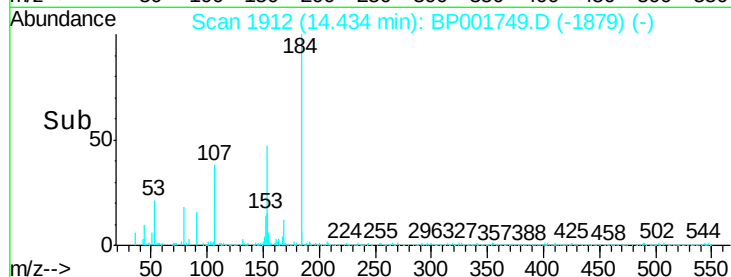
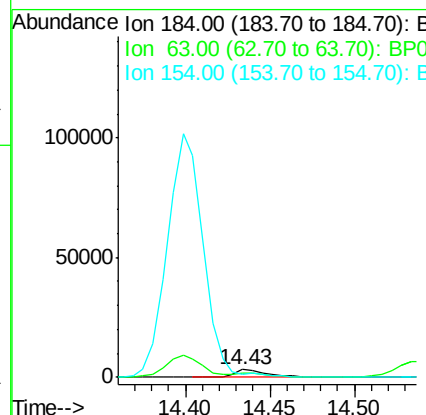
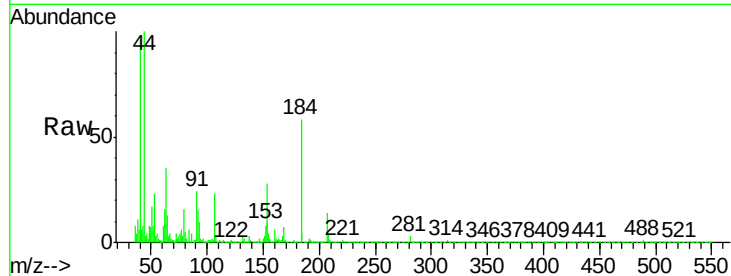
#51
2,4-Dinitrophenol
Concen: 1.17 ng/ul
RT: 14.43 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampled :
MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	51.1	76.7
154	47.5	46.6	70.0

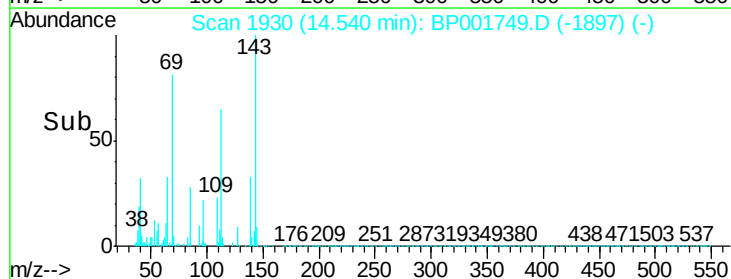
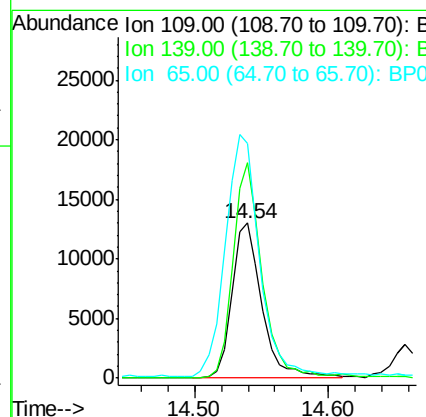
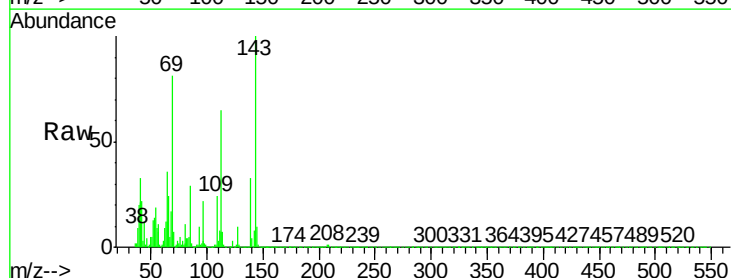
Manual Integrations
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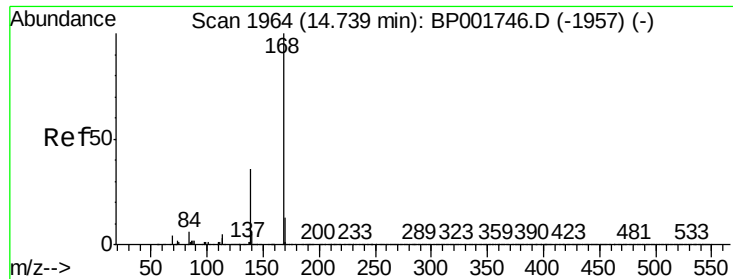
mohammad
2/17/2020 3:50:40 PM



#53
4-Nitrophenol
Concen: 2.56 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
109	100		
139	138.7	112.7	169.1
65	151.4	104.1	156.1





#54

Dibenzofuran

Concen: 3.44 ng/ul

RT: 14.74 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-02

Tgt Ion:168 Resp: 242017

Ion Ratio Lower Upper

168 100

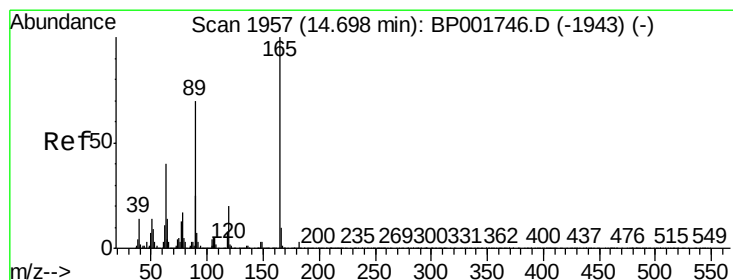
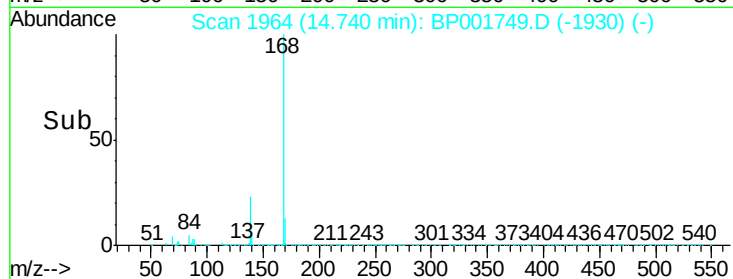
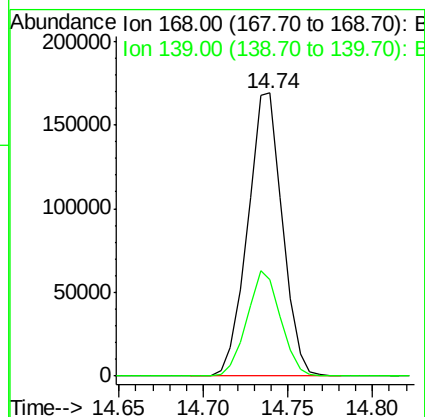
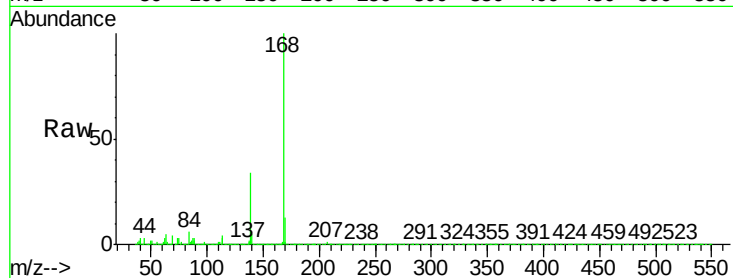
139 34.2 29.0 43.4

Manual Integrations

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mohammad

2/17/2020 3:50:40 PM



#55

2,4-Dinitrotoluene

Concen: 2.60 ng/ul

RT: 14.69 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

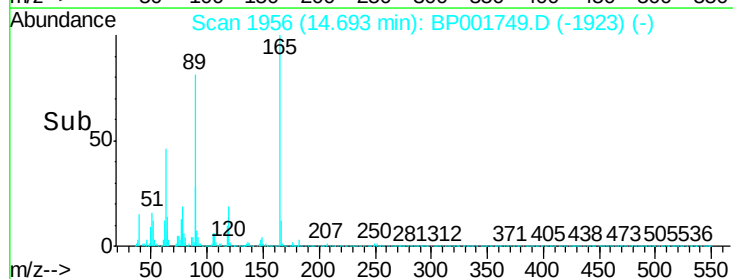
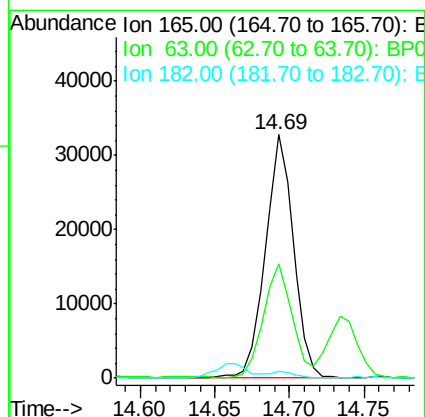
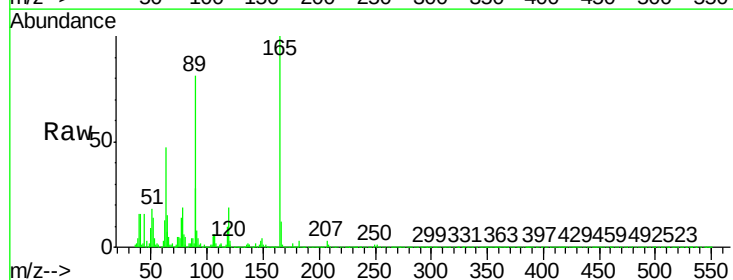
Tgt Ion:165 Resp: 42716

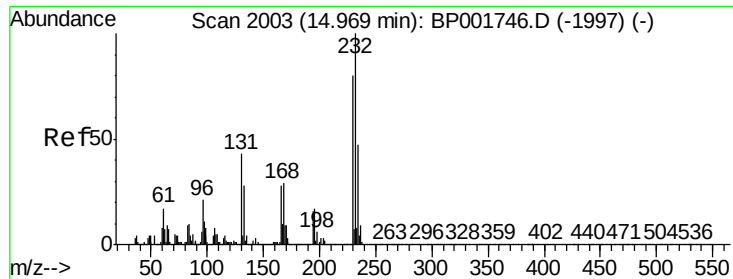
Ion Ratio Lower Upper

165 100

63 46.8 31.4 47.2

182 2.7 2.4 3.6





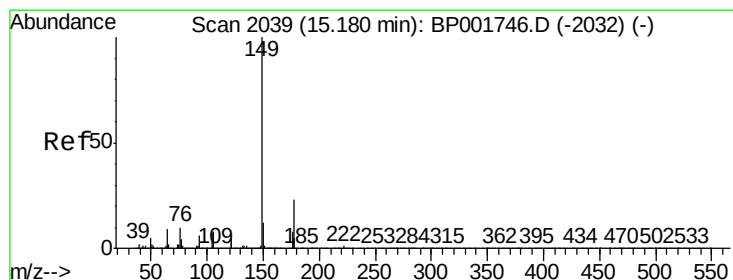
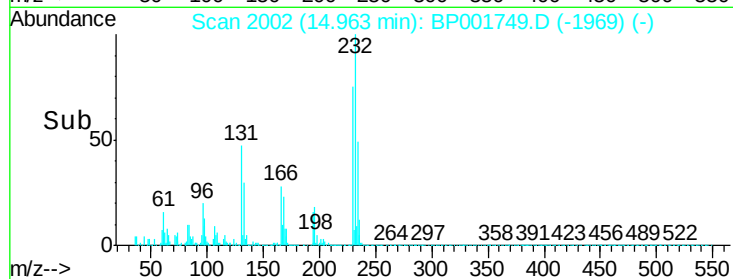
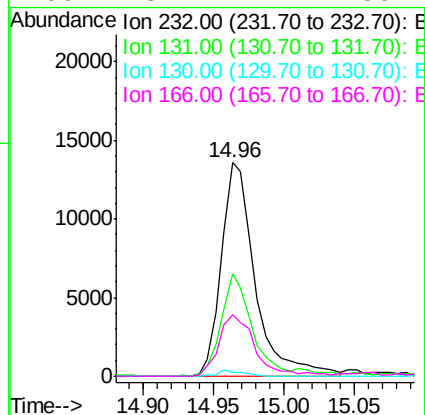
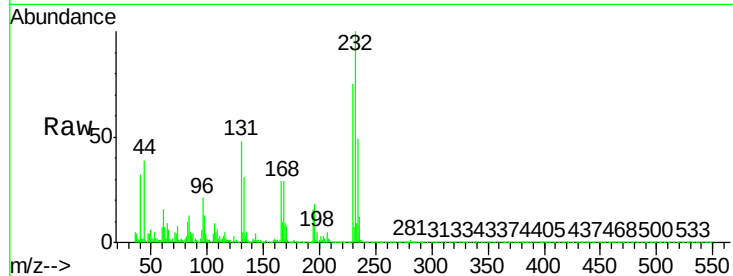
#56
2,3,4,6-Tetrachlorophenol
Concen: 1.95 ng/ul
RT: 14.96 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	22659		
131	47.7	34.3	51.5	
130	1.6	1.8	2.8	
166	28.7	24.1	36.1	

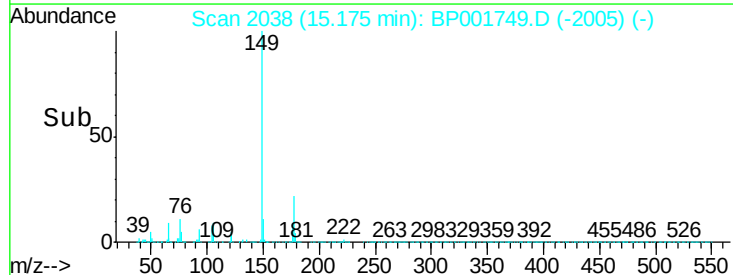
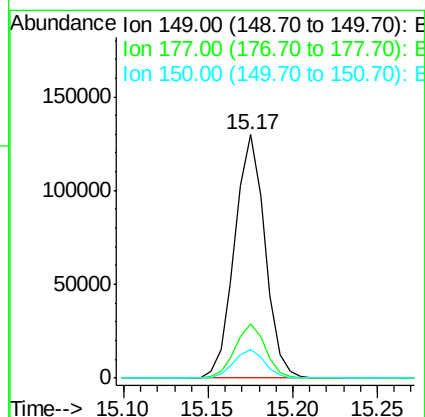
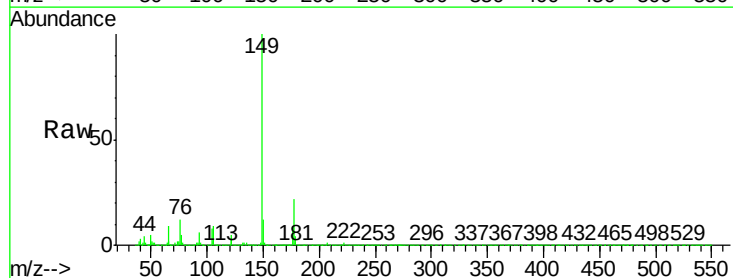
Manual Integrations
APPROVED

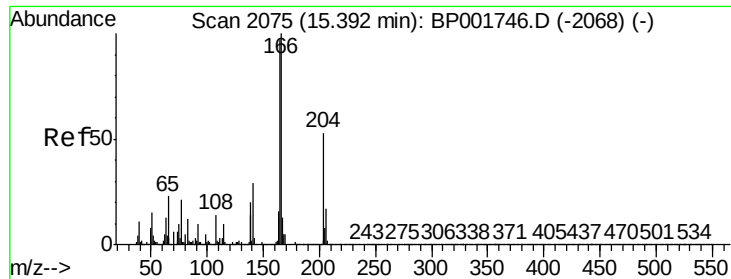
mohammad
2/17/2020 3:50:40 PM



#57
Diethylphthalate
Concen: 2.90 ng/ul
RT: 15.17 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	162904		
177	22.3	18.6	28.0	
150	11.5	9.8	14.6	





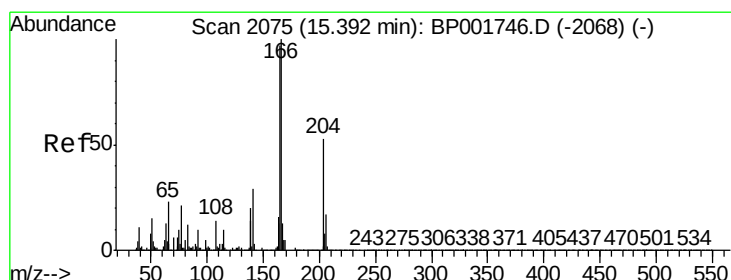
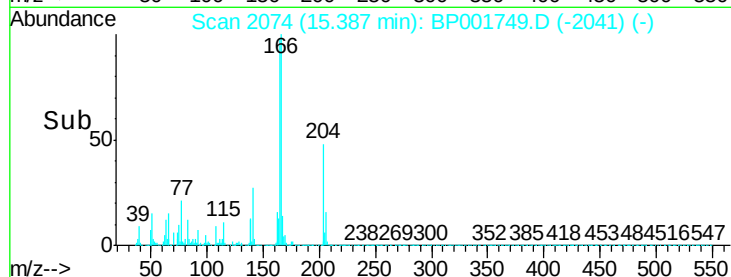
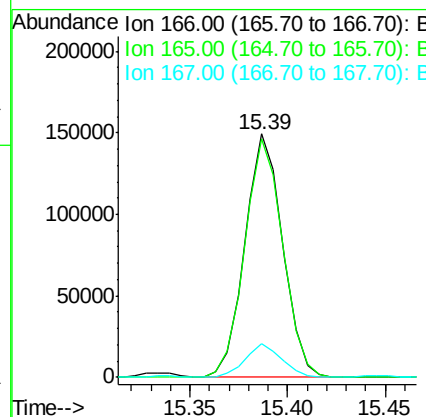
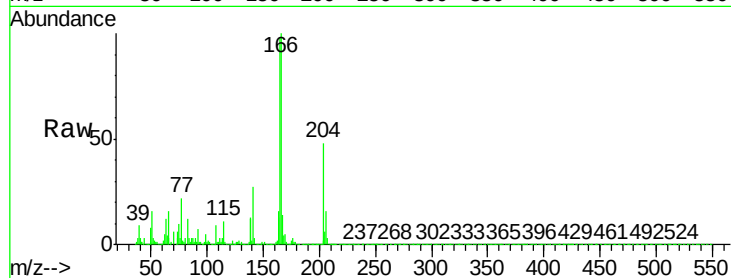
#59
Fluorene
Concen: 3.42 ng/ul
RT: 15.39 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	200046		
165	97.7		77.9	116.9
167	14.1		11.0	16.4

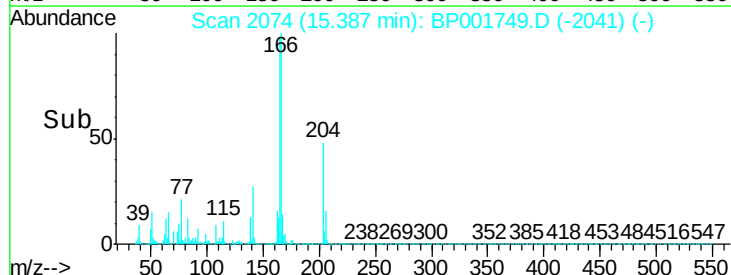
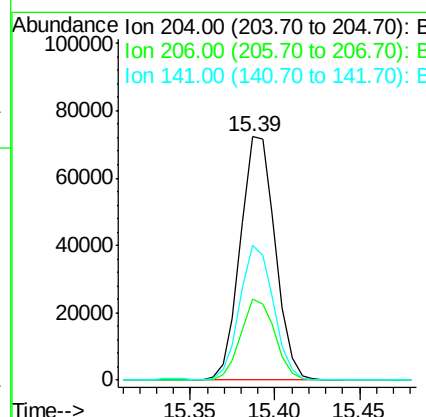
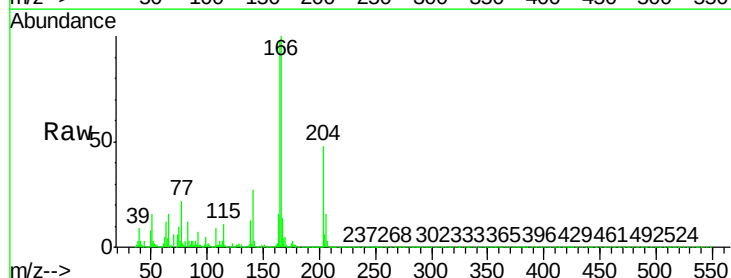
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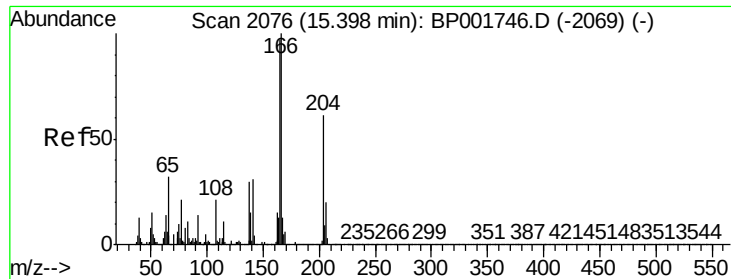
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 3.51 ng/ul
RT: 15.39 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	103762		
206	33.2		26.5	39.7
141	55.2		43.4	65.0





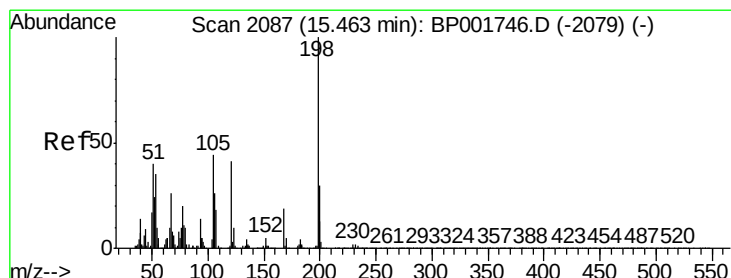
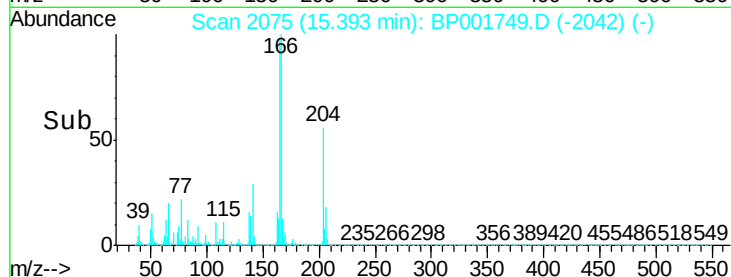
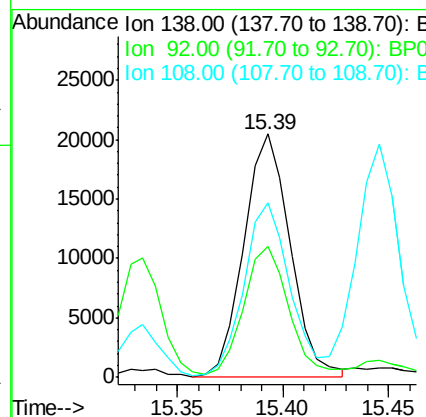
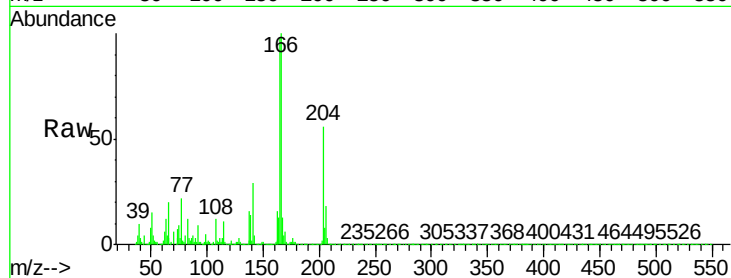
#61
4-Nitroaniline
Concen: 2.36 ng/ul
RT: 15.39 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	38.8	58.2
108	71.5	57.8	86.6

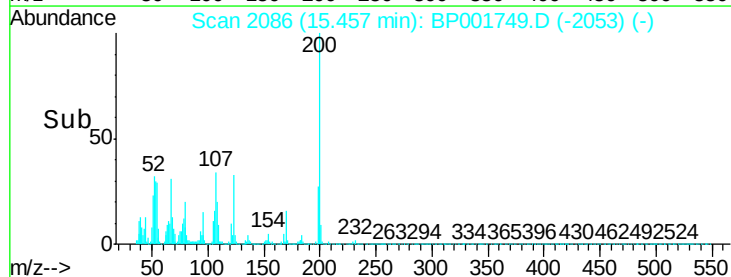
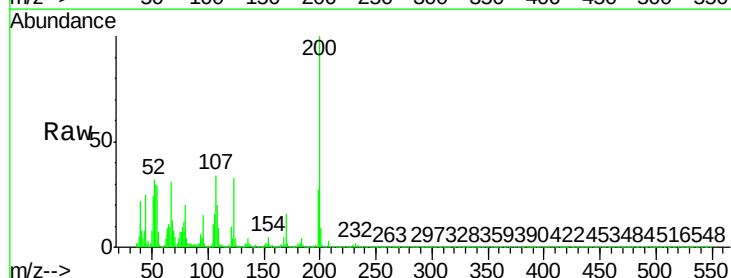
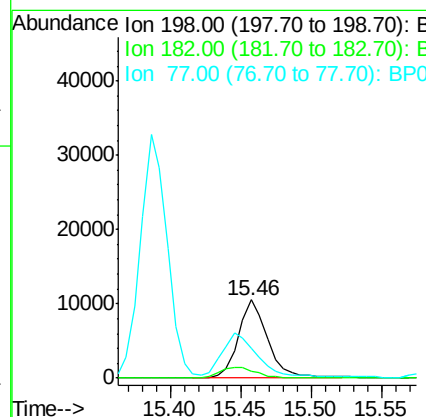
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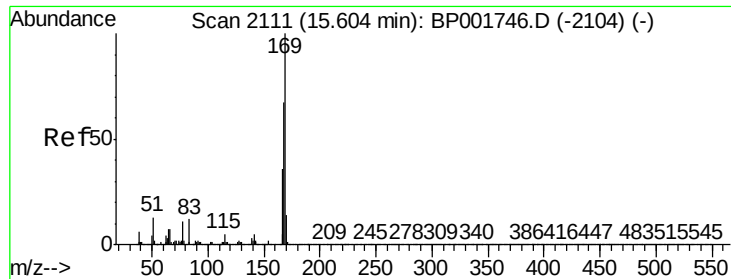
mohammad
2/17/2020 3:50:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 1.99 ng/ul
RT: 15.46 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
198	100		
182	9.2	3.2	4.8#
77	39.0	17.7	26.5#





#65

N-Nitrosodiphenylamine

Concen: 3.13 ng/ul

RT: 15.60 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

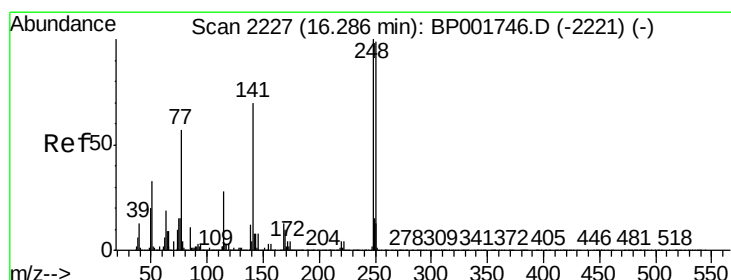
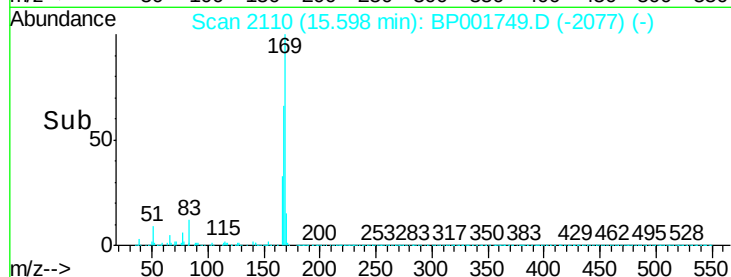
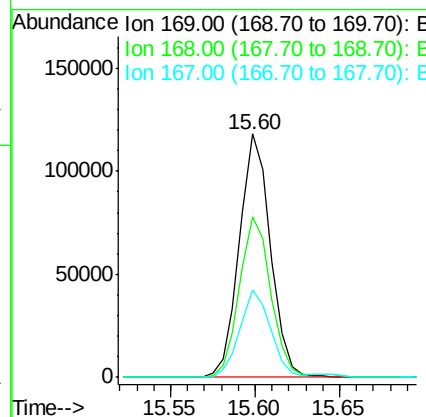
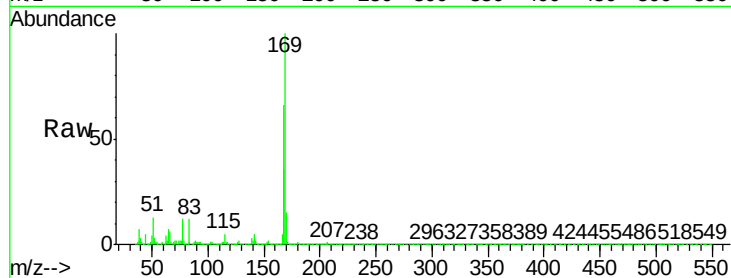
ClientSampleId :

MDL-WATER-02

Tgt Ion:	169	Resp:	151643
Ion Ratio	Lower	Upper	
169	100		
168	65.7	54.1	81.1
167	35.7	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 3.13 ng/ul

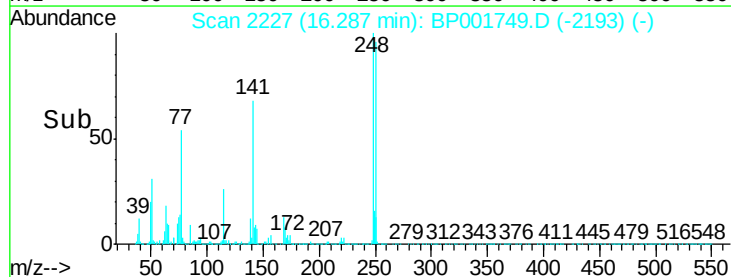
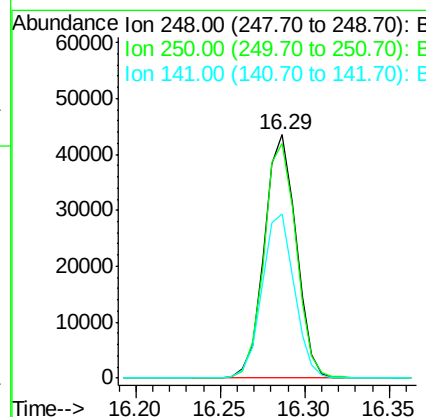
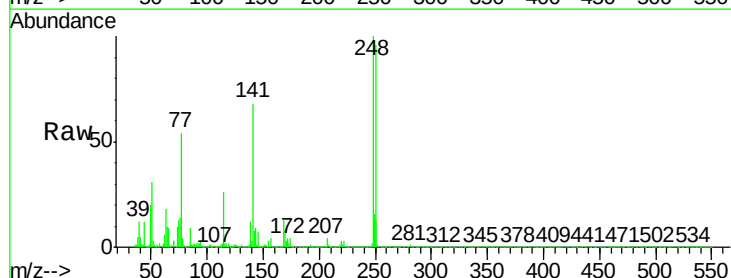
RT: 16.29 min Scan# 2227

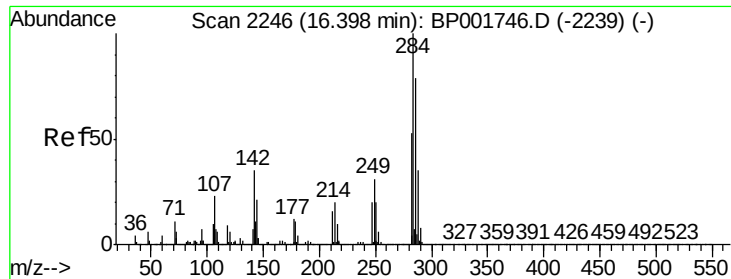
Delta R.T. 0.00 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion:	248	Resp:	57082
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.4	116.0
141	67.6	56.1	84.1





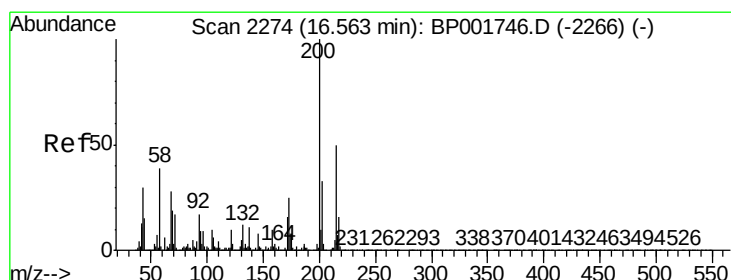
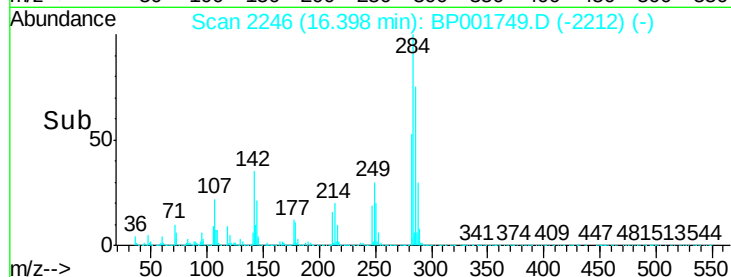
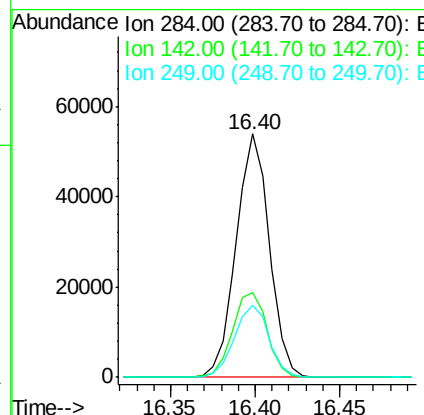
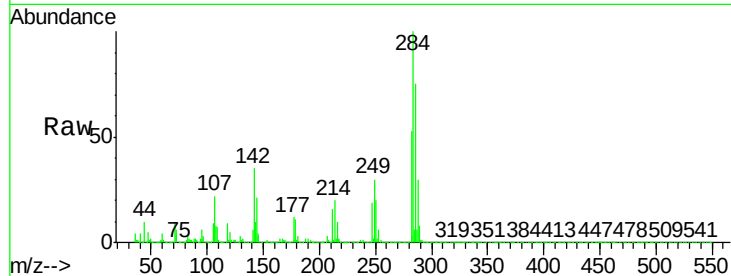
#67
Hexachlorobenzene
Concen: 3.42 ng/ul
RT: 16.40 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.9	28.3	42.5
249	31.8	24.5	36.7

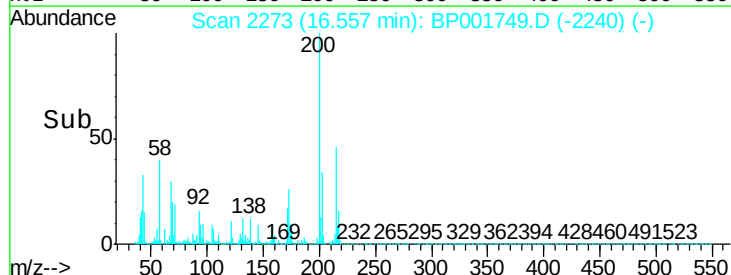
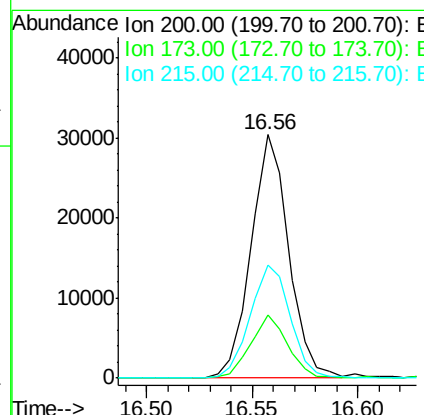
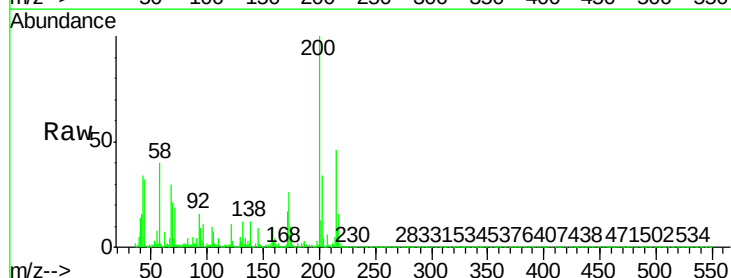
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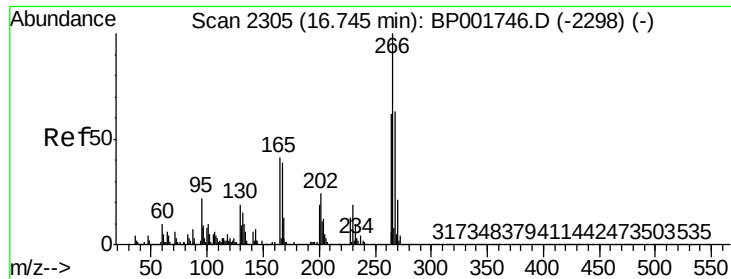
mohammad
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#68
Atrazine
Concen: 2.08 ng/ul
RT: 16.56 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	19.9	29.9
215	46.4	39.5	59.3





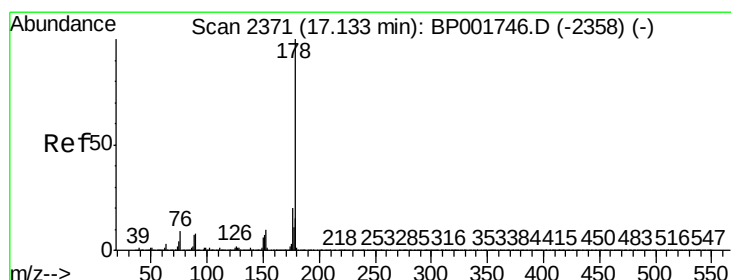
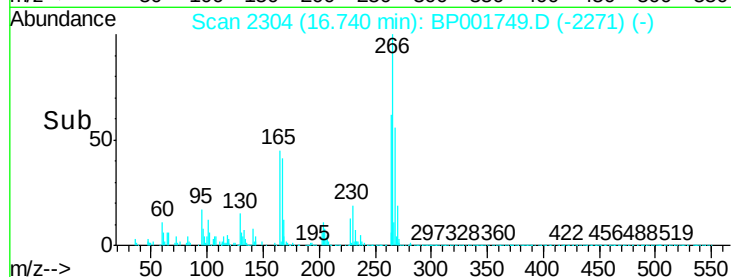
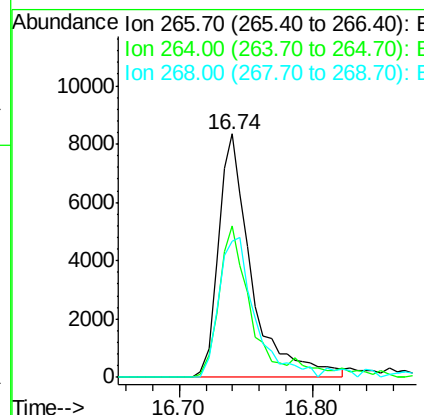
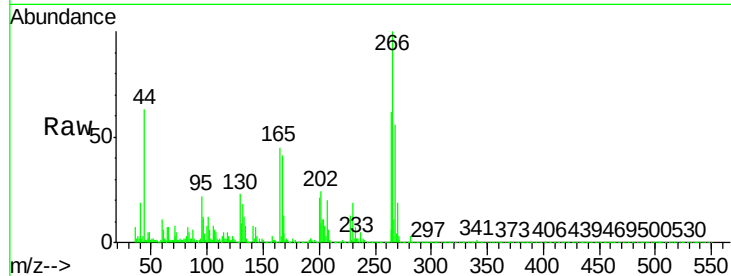
#69
 Pentachlorophenol
 Concen: 1.39 ng/ul
 RT: 16.74 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.0	76.4
268	59.9	50.8	76.2

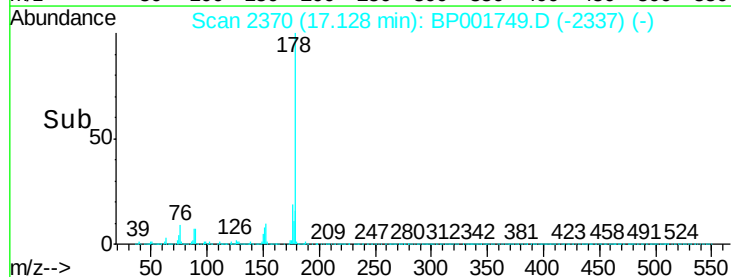
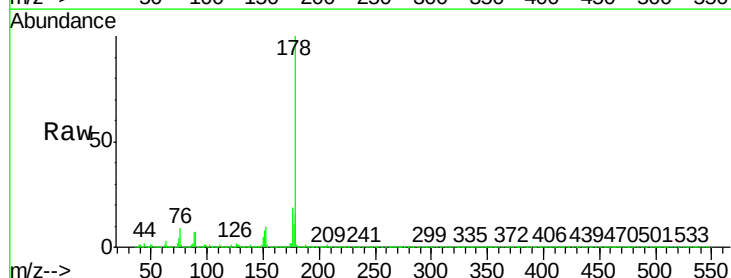
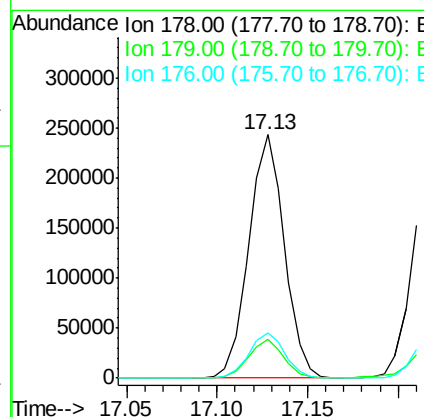
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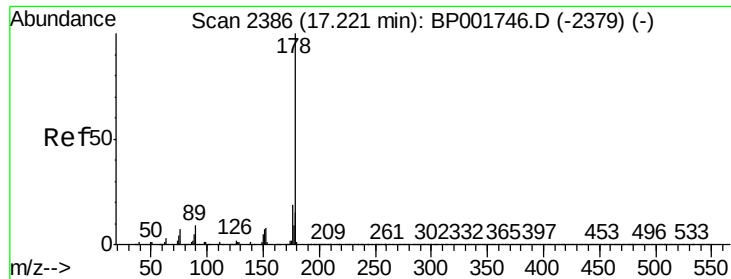
mohammad
 2/17/2020 3:50:40 PM



#70
 Phenanthrene
 Concen: 3.43 ng/ul
 RT: 17.13 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.6	15.1	22.7





#72

Anthracene

Concen: 3.43 ng/uL

RT: 17.22 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

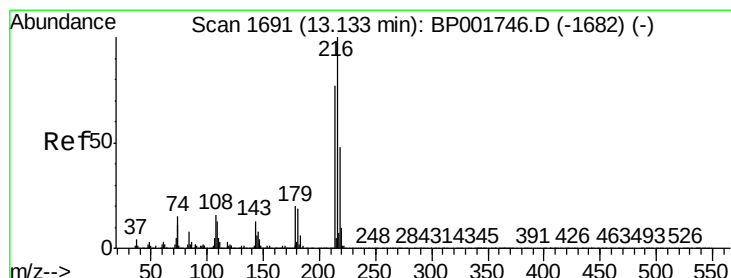
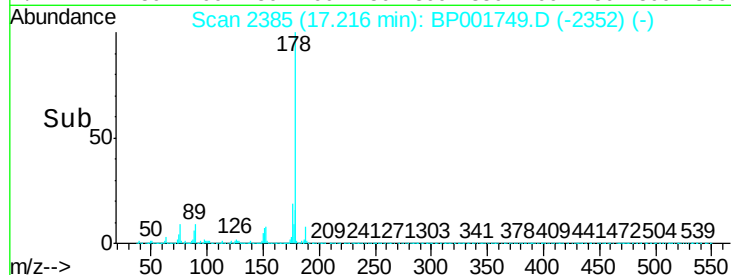
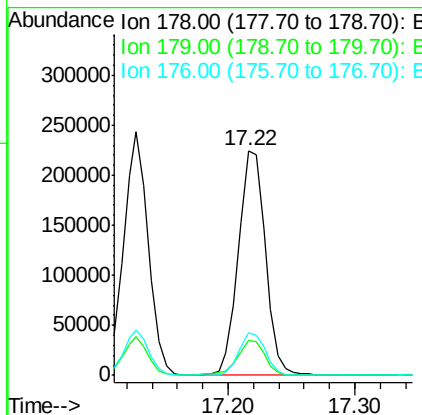
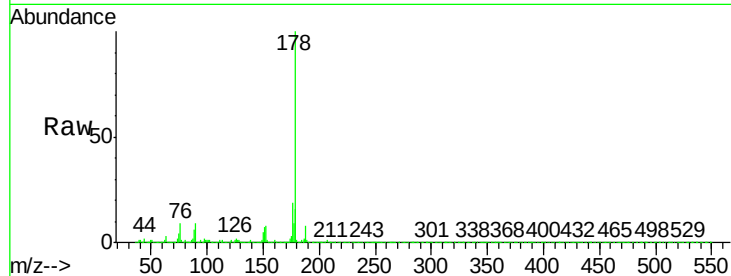
ClientSampleId :

MDL-WATER-02

Tgt Ion:	178	Resp:	331944
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.2
176	18.8	15.0	22.4

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.50 ng/uL

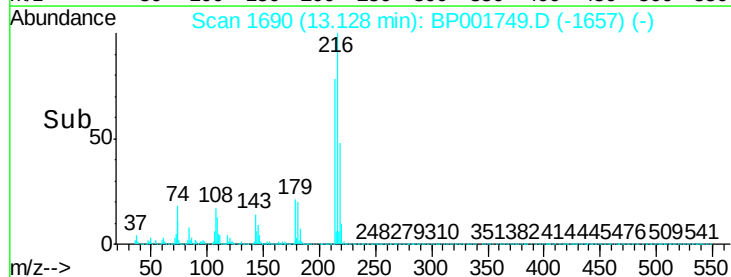
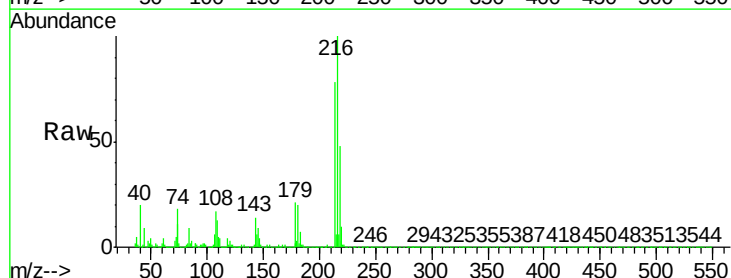
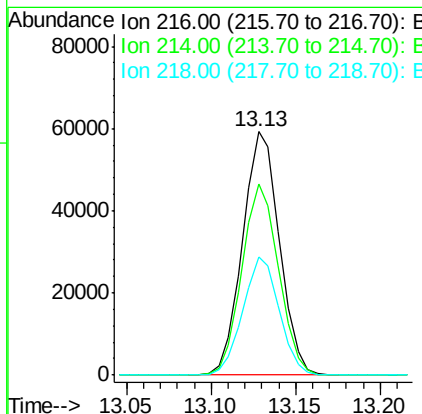
RT: 13.13 min Scan# 1690

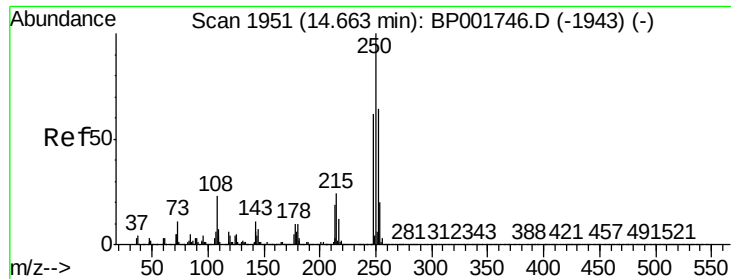
Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt Ion:	216	Resp:	90212
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.2	93.2
218	48.4	37.8	56.6





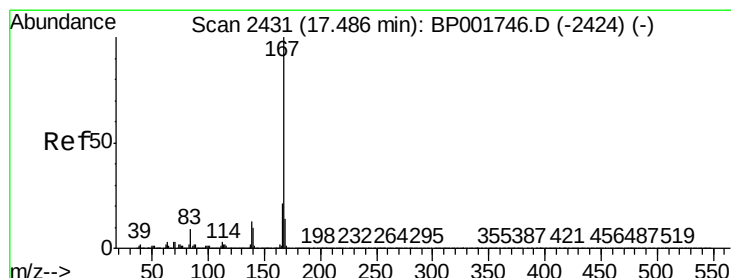
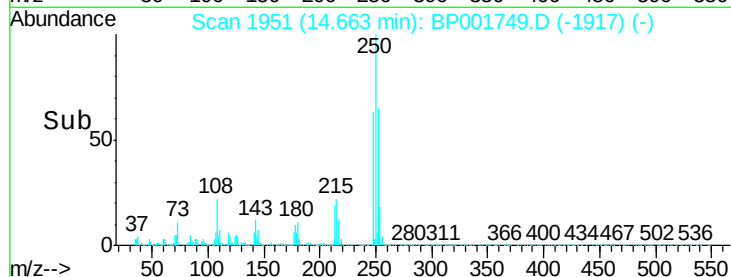
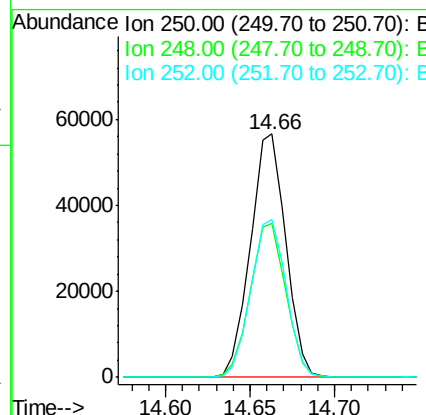
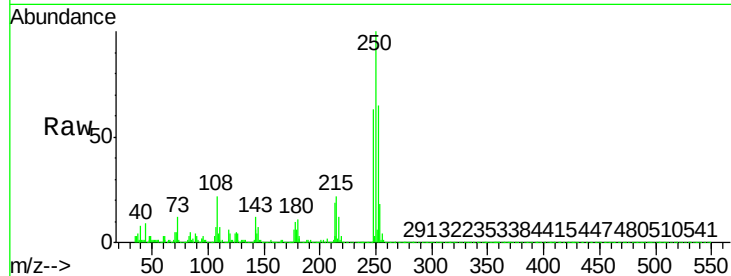
#74
 Pentachlorobenzene
 Concen: 3.16 ng/uL
 RT: 14.66 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
250	100		
248	63.0	51.1	76.7
252	65.1	51.4	77.2

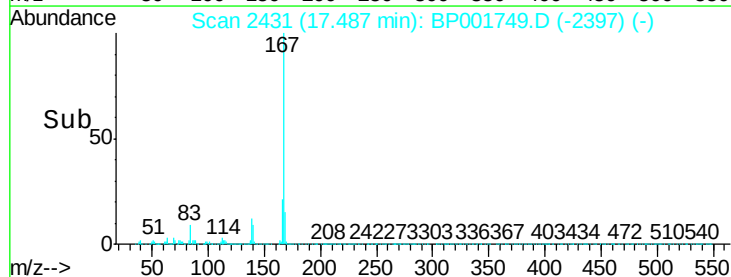
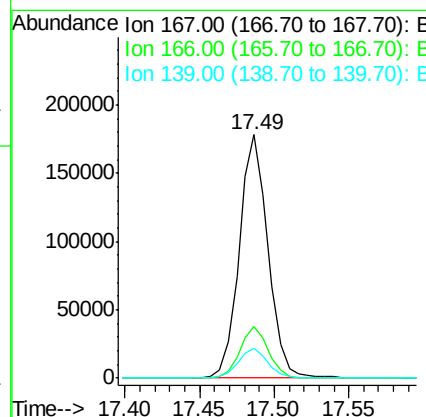
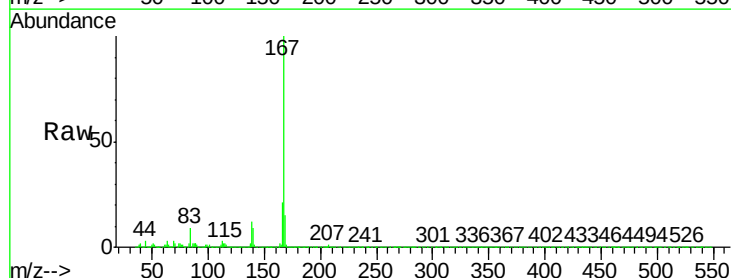
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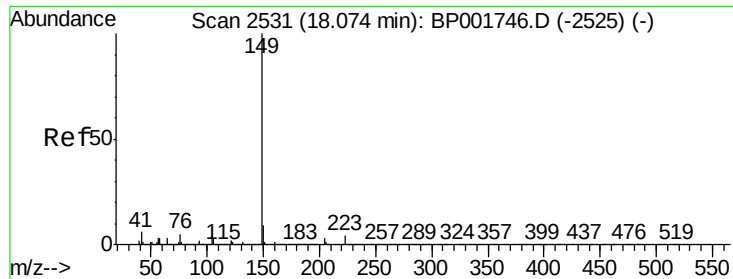
mohammad
 2/17/2020 3:50:40 PM



#75
 Carbazole
 Concen: 2.91 ng/uL
 RT: 17.49 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.8	25.2
139	12.4	10.2	15.2





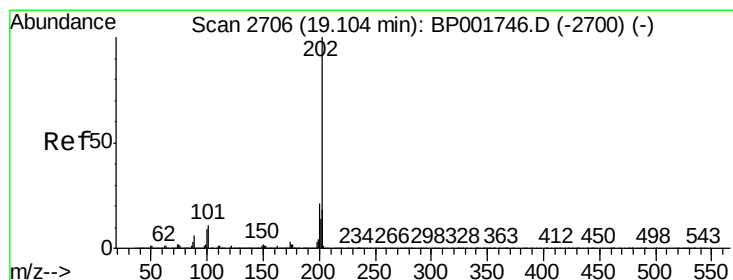
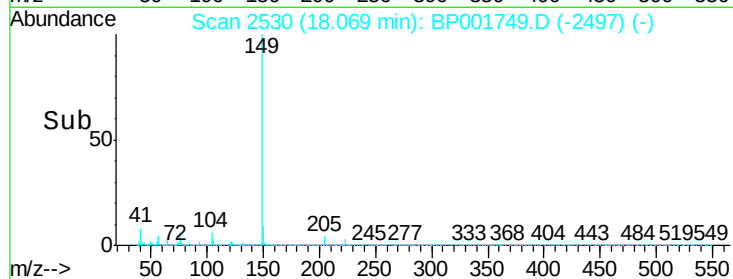
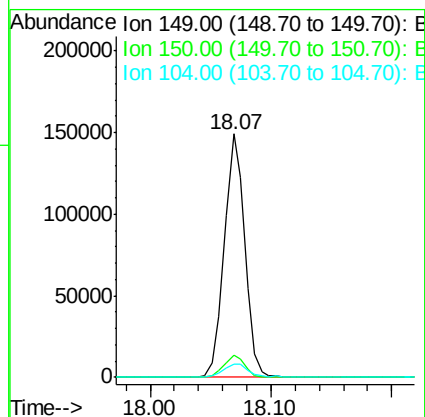
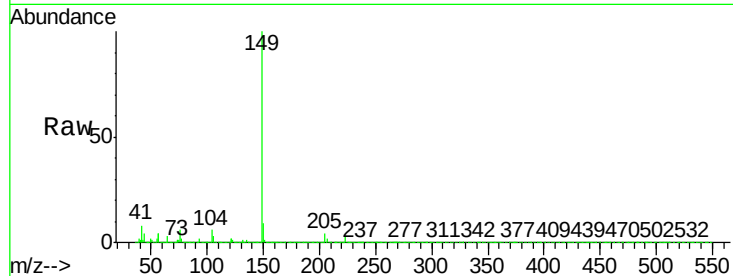
#76
Di-n-butylphthalate
Concen: 2.03 ng/ul
RT: 18.07 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	174720		
150	9.2	7.4	11.2	
104	5.7	4.2	6.2	

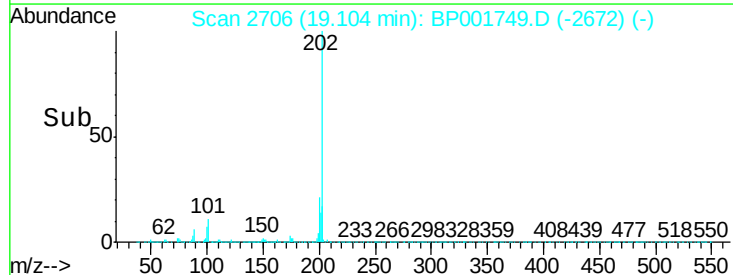
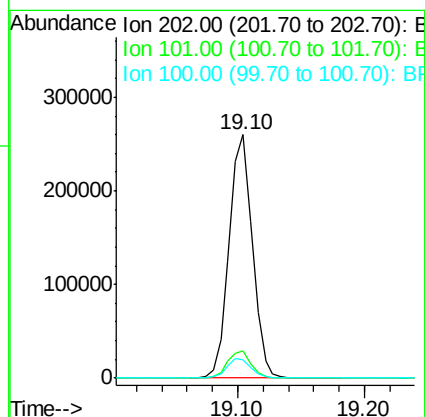
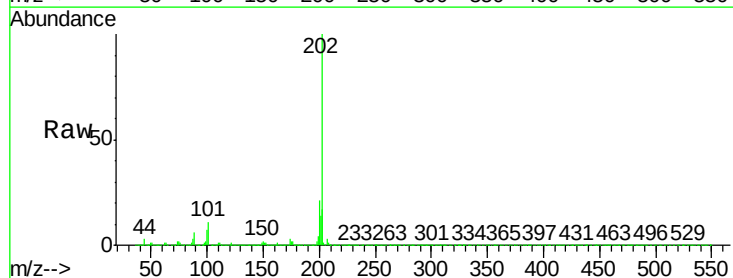
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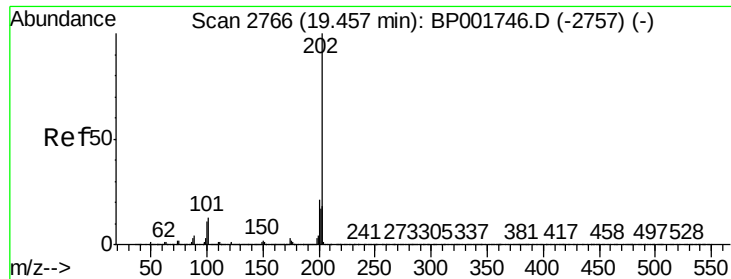
mohammad
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#77
Fluoranthene
Concen: 3.10 ng/ul
RT: 19.10 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	328927		
101	11.1	8.9	13.3	
100	7.5	6.9	10.3	





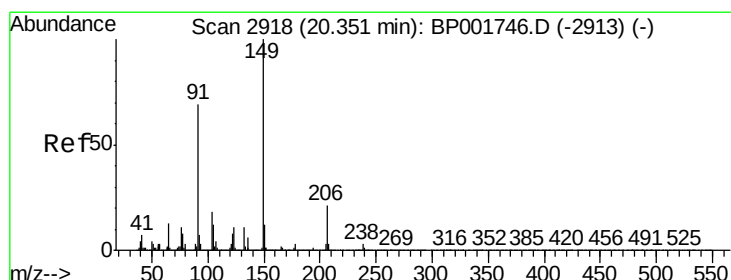
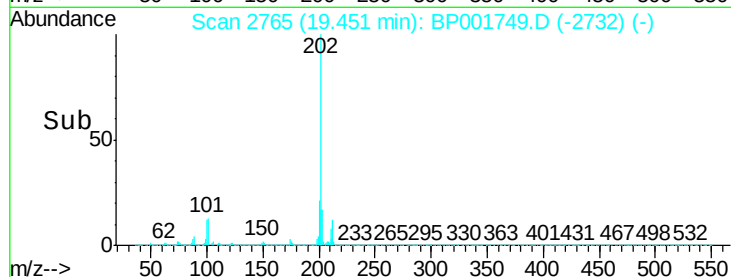
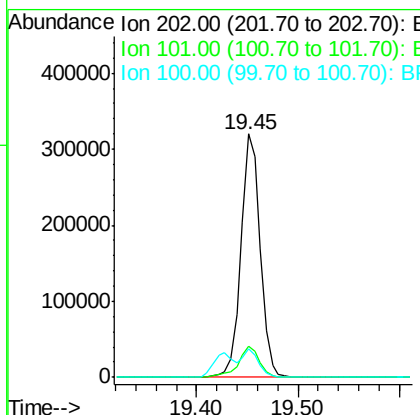
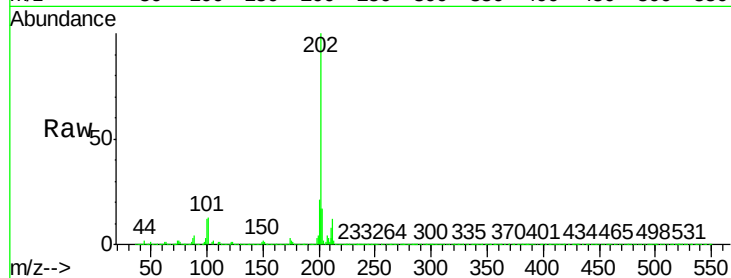
#80
Pyrene
Concen: 3.48 ng/ul
RT: 19.45 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	419974		
101	12.7	10.2	15.2	
100	11.7	8.4	12.6	

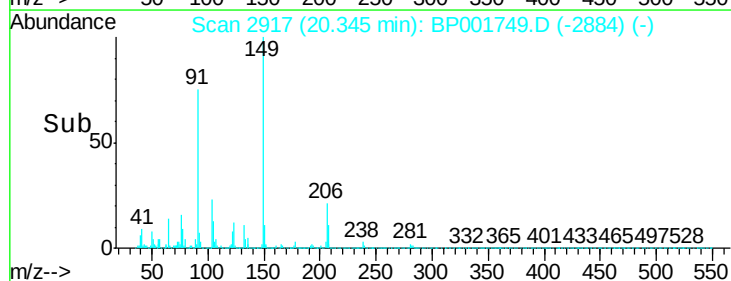
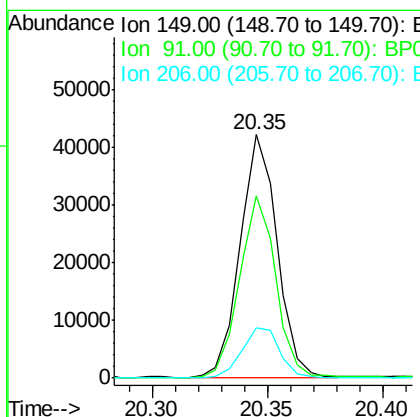
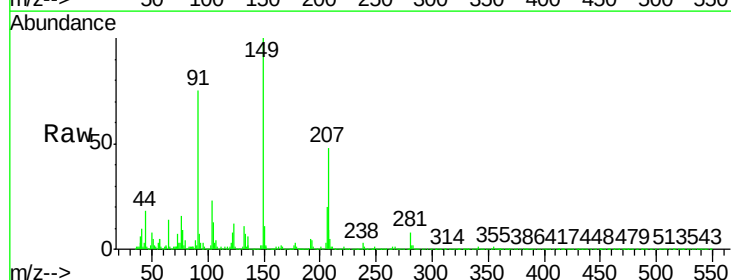
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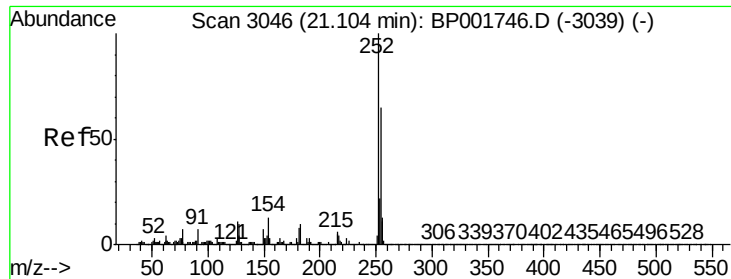
mohammad
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#81
Butylbenzylphthalate
Concen: 1.32 ng/ul
RT: 20.35 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	47094		
91	74.7	55.9	83.9	
206	20.4	17.9	26.9	





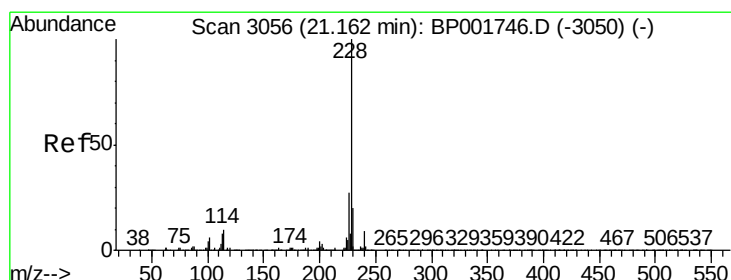
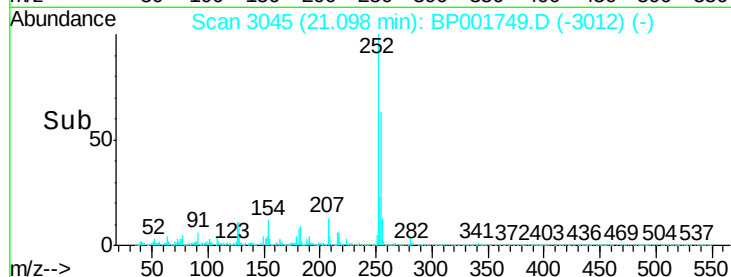
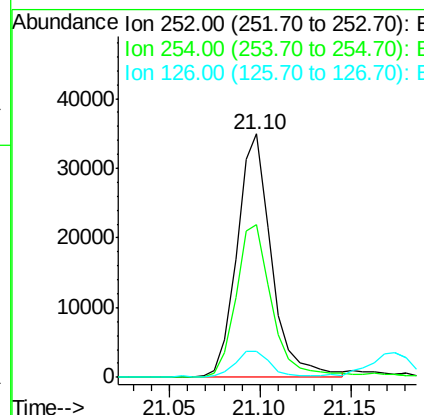
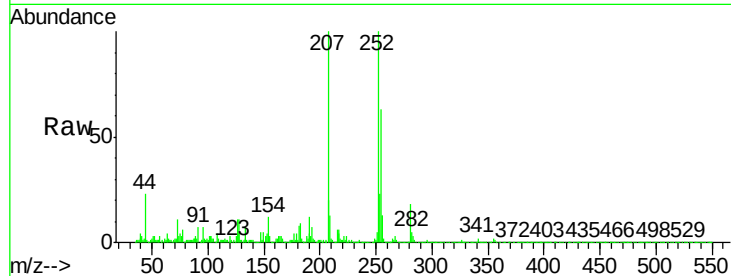
#82
 3,3'-Dichlorobenzidine
 Concen: 1.25 ng/ul
 RT: 21.10 min Scan# 3045
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.4	77.2
126	10.9	7.5	11.3

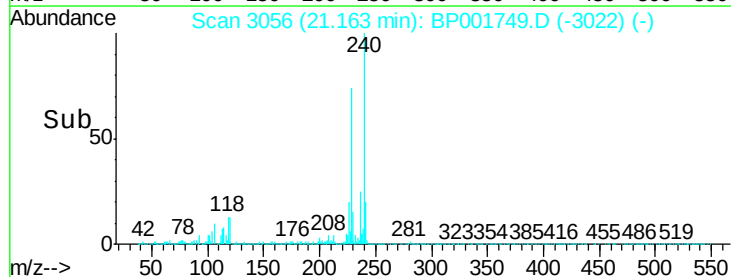
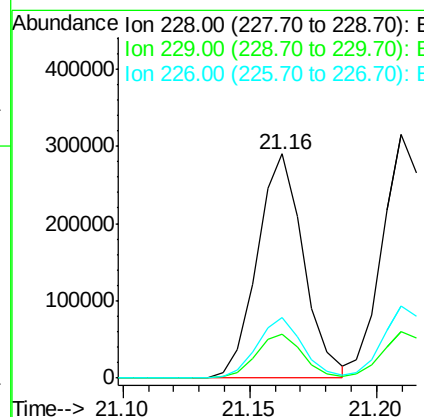
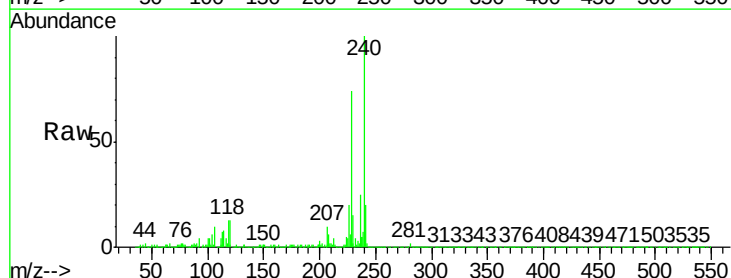
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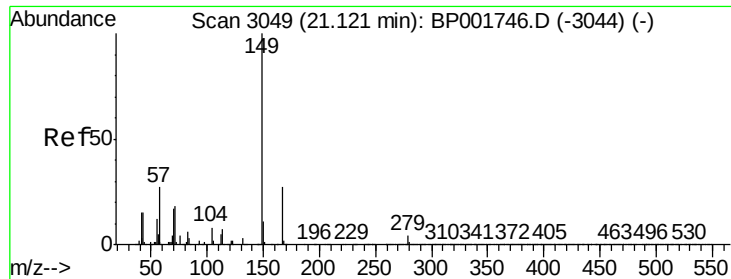
mohammad
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#83
 Benzo(a)anthracene
 Concen: 3.03 ng/ul
 RT: 21.16 min Scan# 3056
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	14.9	22.3
226	27.2	20.8	31.2





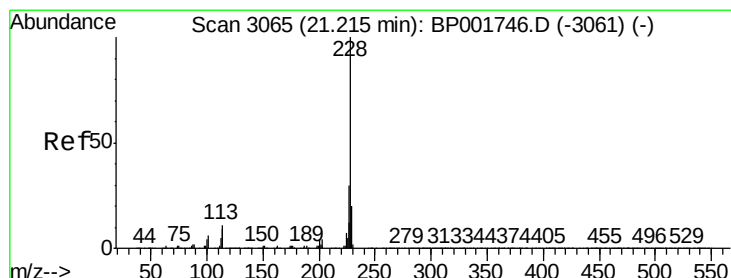
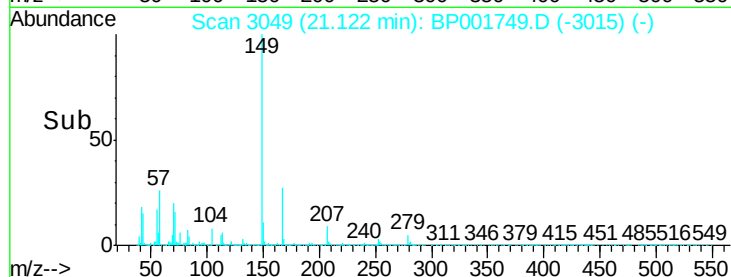
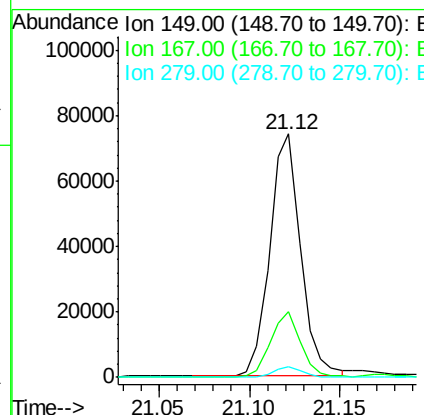
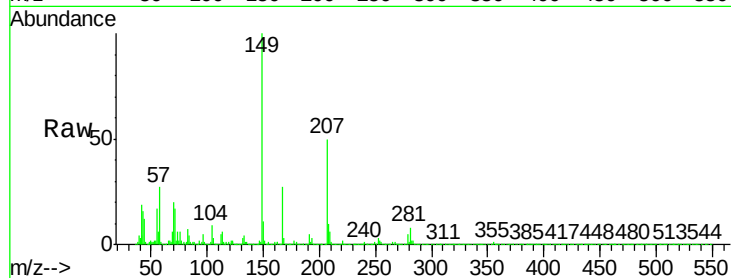
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.50 ng/ul
 RT: 21.12 min Scan# 3049
 Delta R.T. 0.00 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.1	33.1
279	4.6	3.3	4.9

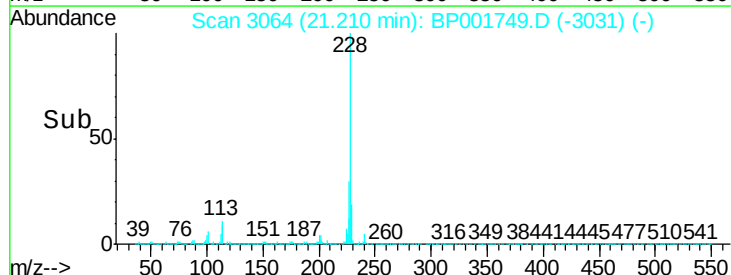
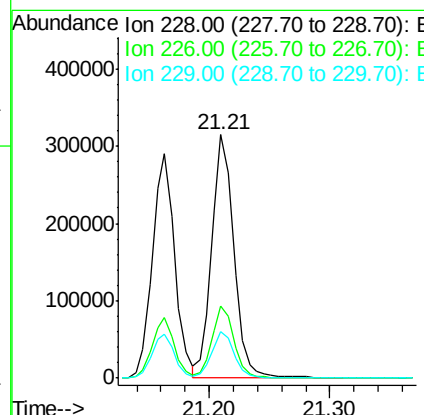
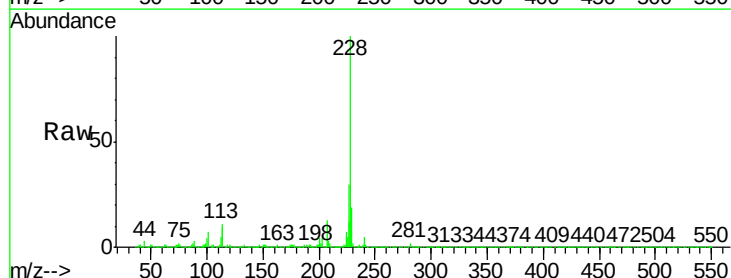
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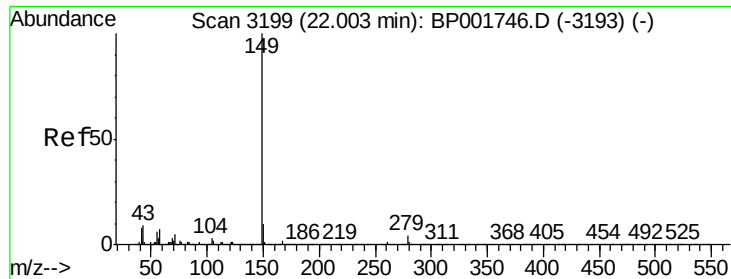
mohammad
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#85
 Chrysene
 Concen: 3.36 ng/ul
 RT: 21.21 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BP001749.D
 Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.1	16.2	24.4





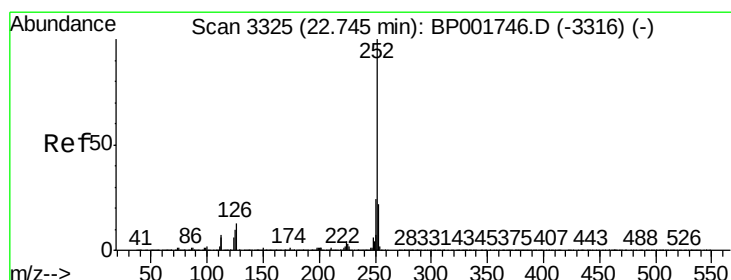
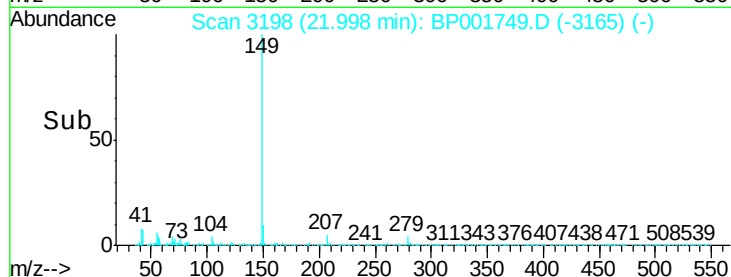
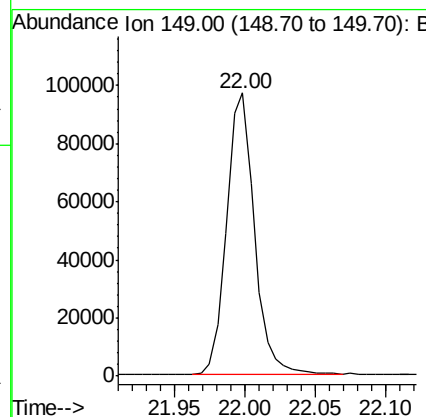
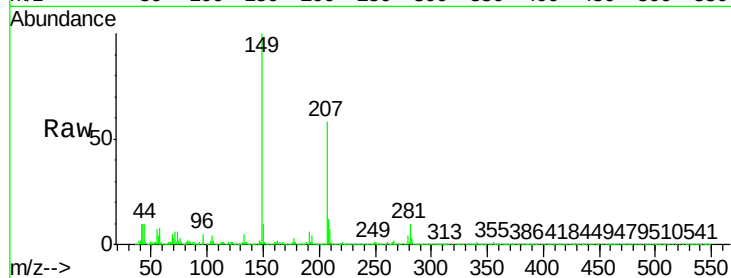
#87
Di-n-octyl phthalate
Concen: 1.39 ng/ul
RT: 22.00 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion:149 Resp: 132627

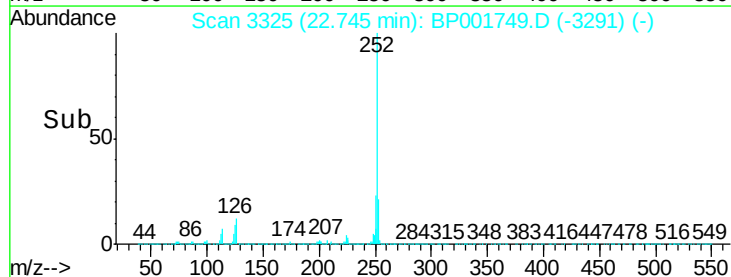
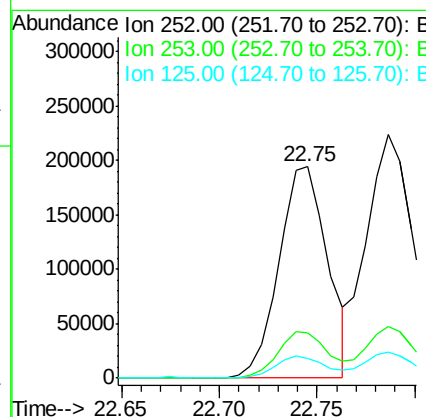
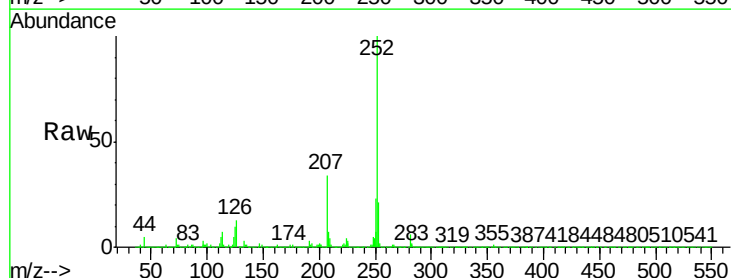
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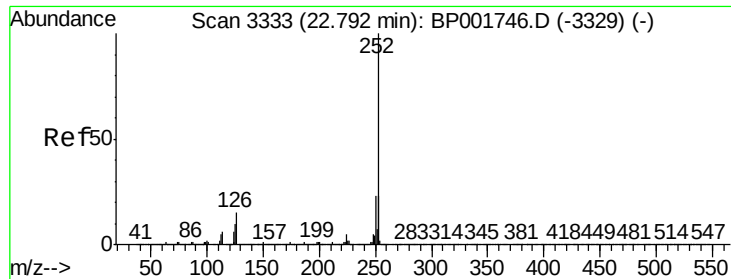
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#88
Benzo(b)fluoranthene
Concen: 2.71 ng/ul
RT: 22.75 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion:252 Resp: 335032
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.6 8.0 12.0





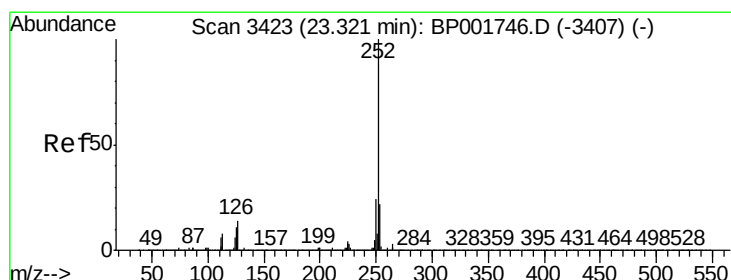
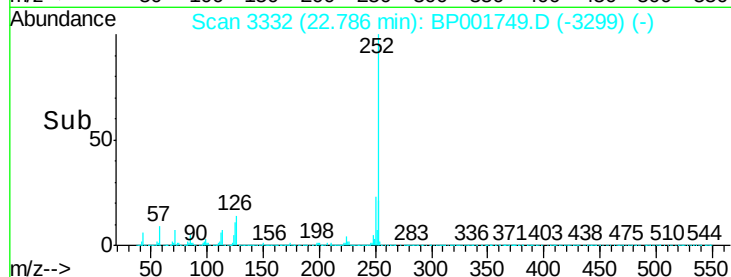
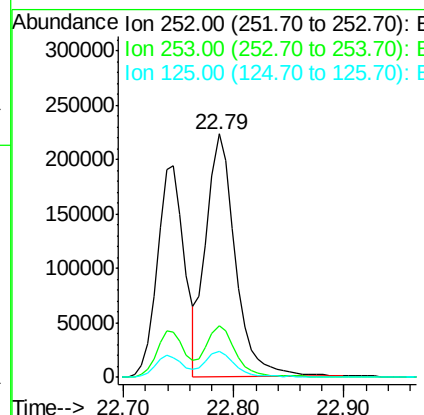
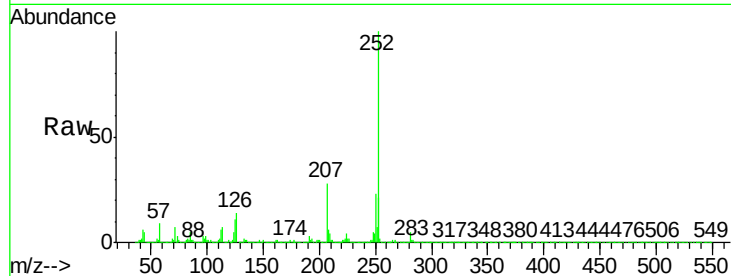
#89
Benzo(k)fluoranthene
Concen: 3.23 ng/ul
RT: 22.79 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	404183		
253	21.0	18.4	27.6	
125	10.9	8.3	12.5	

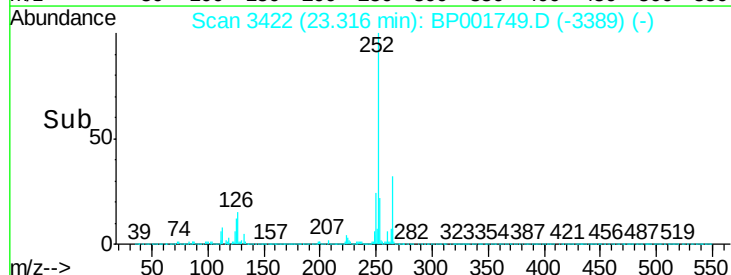
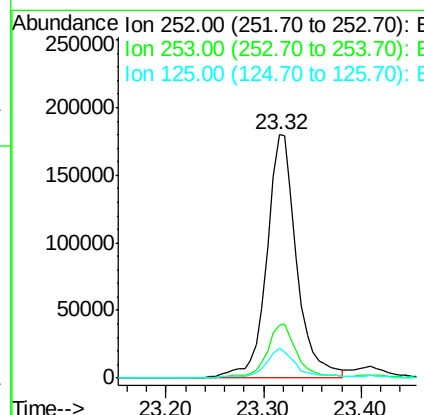
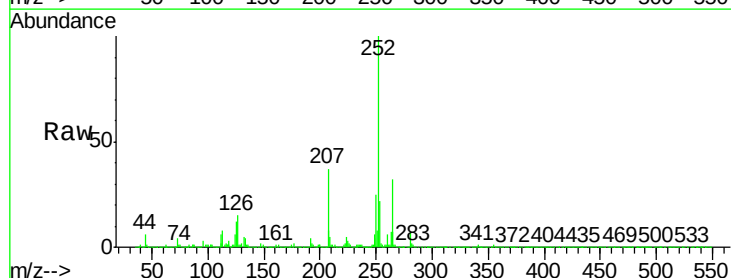
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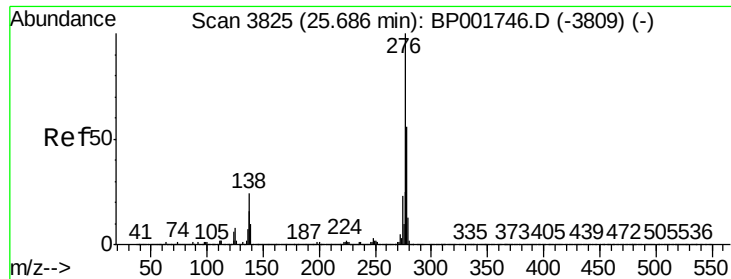
mohammad
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#91
Benzo(a)pyrene
Concen: 3.29 ng/ul
RT: 23.32 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BP001749.D
Acq: 14 Feb 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	386549		
253	21.5	17.6	26.4	
125	12.1	8.9	13.3	





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.78 ng/ul

RT: 25.67 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

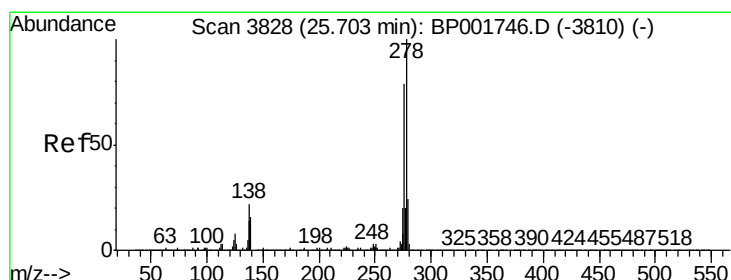
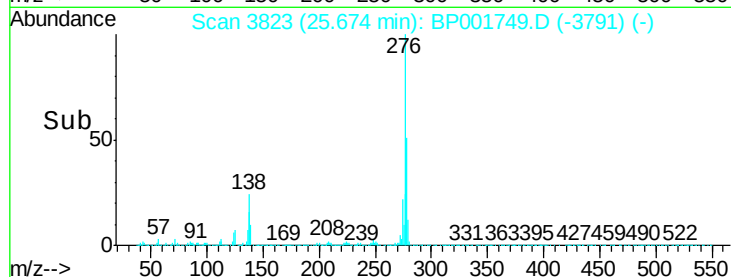
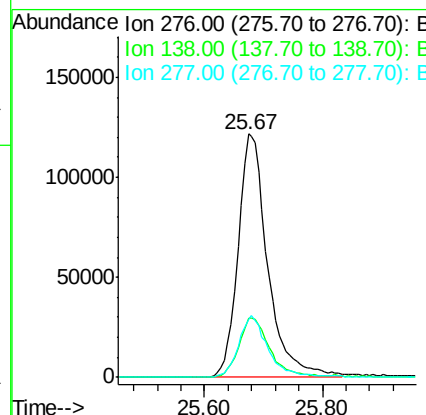
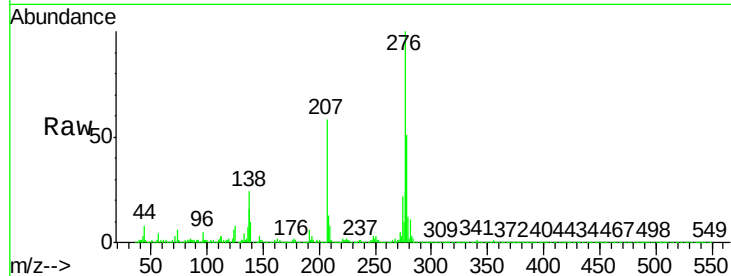
ClientSampleId :

MDL-WATER-02

Tgt	Ion:276	Resp:	427014
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.2
277	23.7	19.9	29.9

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#93

Dibenzo(a,h)anthracene

Concen: 2.81 ng/ul

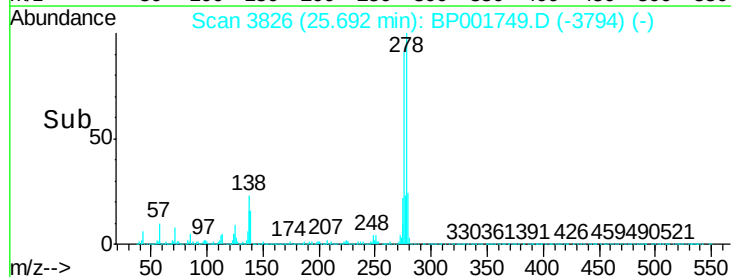
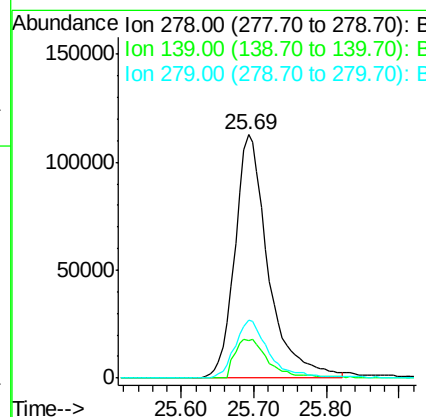
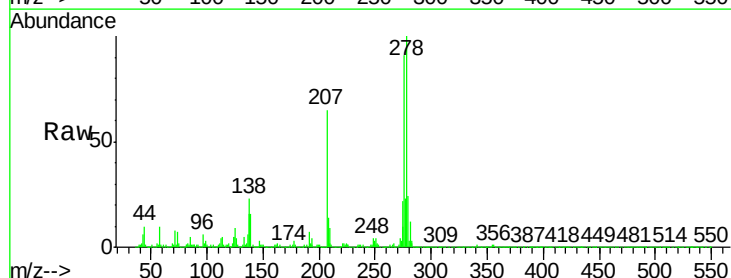
RT: 25.69 min Scan# 3826

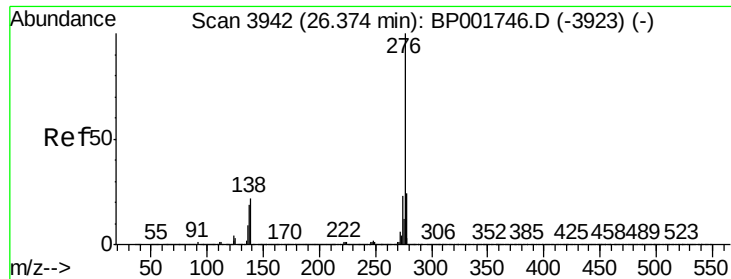
Delta R.T. -0.01 min

Lab File: BP001749.D

Acq: 14 Feb 2020 17:13

Tgt	Ion:278	Resp:	360402
Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.9	19.3
279	23.6	18.7	28.1





#94

Benzo(g,h,i)perylene

Concen: 2.75 ng/ul

RT: 26.36 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BP001749.D

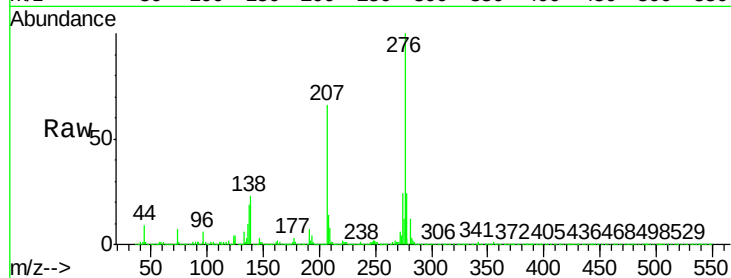
Acq: 14 Feb 2020 17:13

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-02



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		359994		
138	22.8	17.0	25.4		
277	24.2	19.0	28.4		

Manual Integrations
APPROVED

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