

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
 Data File : BM000098.D
 Acq On : 31 Dec 2014 16:41
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-03-WATER-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:25:27 AM

Quant Time: Jan 01 00:56:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 01 00:20:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	219687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	897676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	655513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1318266	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1128355	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	832365	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21363	5.64	ng/uL	0.01
5) Phenol-d5	7.01	99	722896	37.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	389388	33.47	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	523948	38.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	562222	37.40	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	234660	37.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	254913	40.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	538625	38.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	439139	27.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1696762	35.10	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1968512	33.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	254138	32.54	ng/ul	0.00
57) Fluorene-d10	15.47	176	1413378	34.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	226307	34.62	ng/ul	0.00
70) Anthracene-d10	17.32	188	2088608	34.26	ng/ul	0.00
76) Pyrene-d10	19.61	212	2086057	40.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1233096	32.83	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	33915	6.46 ng/uL	92
4) Benzaldehyde	6.98	77	36108	3.05 ng/ul	92
6) Phenol	7.03	94	138358	6.98 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	96897	6.40 ng/ul	98
10) 2-Chlorophenol	7.41	128	100757	7.10 ng/ul	98
11) 2-Methylphenol	8.28	108	102326	6.69 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	162414	6.66 ng/ul	99
14) Acetophenone	8.66	105	156312	6.09 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	84367	6.28 ng/ul	93
16) 4-Methylphenol	8.60	108	112848	6.82 ng/ul	91
17) Hexachloroethane	8.92	117	39896	6.16 ng/ul	94
20) Nitrobenzene	9.04	77	125587	6.79 ng/ul	96
21) Isophorone	9.56	82	227543	6.38 ng/ul	98
23) 2-Nitrophenol	9.75	139	50023	7.15 ng/ul#	93
24) 2,4-Dimethylphenol	9.81	107	136498	7.19 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	129394	6.52 ng/ul#	98
27) 2,4-Dichlorophenol	10.28	162	103920	7.44 ng/ul	95
28) Naphthalene	10.69	128	292905	6.40 ng/ul	99
30) 4-Chloroaniline	10.79	127	70039	4.26 ng/ul	98
31) Hexachlorobutadiene	10.97	225	67659	6.83 ng/ul	95
32) Caprolactam	11.59	113	28160m	6.05 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	120481	7.03 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	224157	6.60 ng/ul	98

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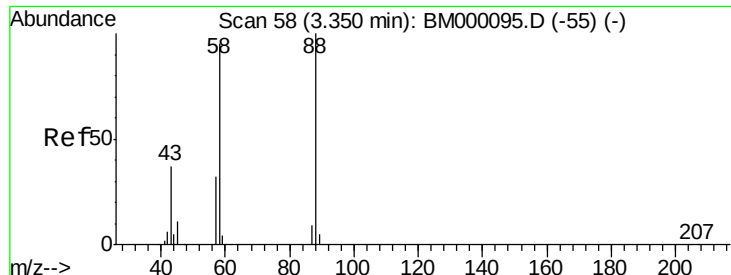
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	118799	6.54	ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	63998	5.33	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.90	196	80667	6.96	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	84873	6.74	ng/ul	98
40) 1,1'-Biphenyl	13.30	154	306748	6.49	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	231709	6.40	ng/ul	96
42) 2-Nitroaniline	13.55	65	77117	6.57	ng/ul	90
44) Dimethylphthalate	13.93	163	319120	6.63	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	54639	6.34	ng/ul	88
47) Acenaphthylene	14.20	152	385890	6.32	ng/ul	100
48) 3-Nitroaniline	14.38	138	30298	3.44	ng/ul#	95
49) Acenaphthene	14.54	153	249113	6.40	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	26424	6.04	ng/ul	94
52) 4-Nitrophenol	14.68	109	66189	6.37	ng/ul	99
53) Dibenzofuran	14.87	168	370824	6.58	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	83183	6.47	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	70987	6.54	ng/ul#	92
56) Diethylphthalate	15.29	149	324082	6.40	ng/ul	98
58) Fluorene	15.52	166	300541	6.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	149500	6.48	ng/ul	98
60) 4-Nitroaniline	15.53	138	47150	4.73	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	45843	6.85	ng/ul#	82
64) N-Nitrosodiphenylamine	15.73	169	240725	6.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	88392	6.58	ng/ul	94
66) Hexachlorobenzene	16.52	284	104253	6.73	ng/ul#	89
67) Atrazine	16.68	200	4415	0.29	ng/ul	98
68) Pentachlorophenol	16.86	266	50843	5.40	ng/ul	90
69) Phenanthrene	17.26	178	476092	6.67	ng/ul	99
71) Anthracene	17.35	178	474643	6.47	ng/ul	98
72) Carbazole	17.61	167	382551	5.79	ng/ul	97
73) Di-n-butylphthalate	18.19	149	497594	6.31	ng/ul	99
74) Fluoranthene	19.27	202	520667	6.36	ng/ul	98
77) Pyrene	19.64	202	518597	7.63	ng/ul	98
78) Butylbenzylphthalate	20.54	149	182530	6.61	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	14816	0.72	ng/ul	100
80) Benzo(a)anthracene	21.39	228	427609	6.56	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	251358	6.25	ng/ul	99
82) Chrysene	21.44	228	403524	6.72	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	383491	6.70	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	410245	7.72	ng/ul	100
86) Benzo(k)fluoranthene	23.05	252	316738	6.98	ng/ul	98
88) Benzo(a)pyrene	23.59	252	346177	7.42	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	388983	7.99	ng/ul	95
90) Dibenzo(a,h)anthracene	26.05	278	332394	8.11	ng/ul#	96
91) Benzo(g,h,i)perylene	26.75	276	321966	8.05	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 6.46 ng/uL

RT: 3.36 min Scan# 59

Delta R.T. 0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

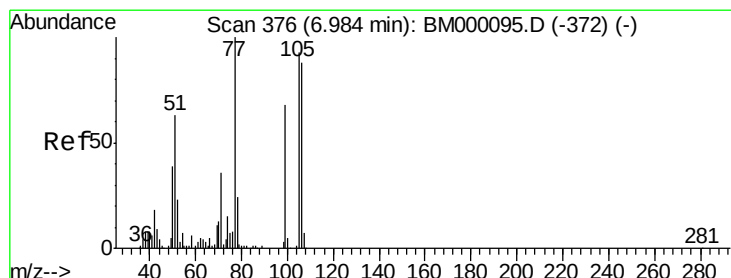
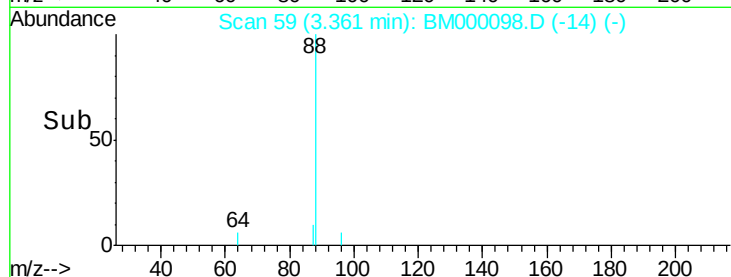
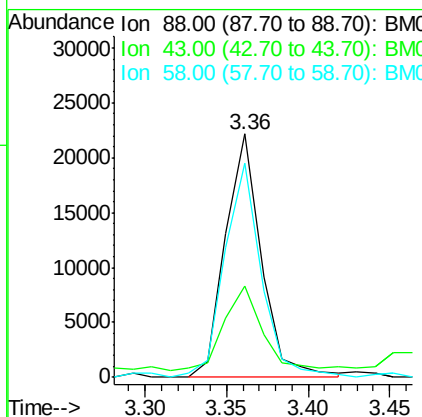
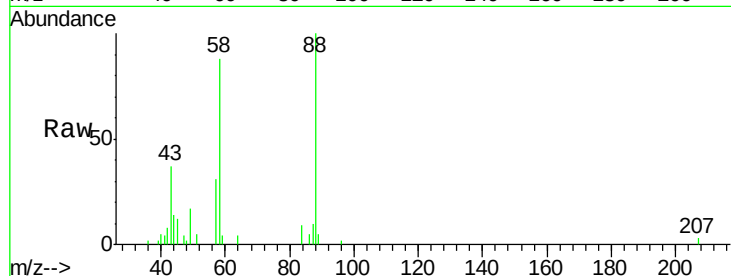
ClientSampleId :

MDLWater-7

Tgt Ion:	88	Resp:	33915
Ion Ratio	Lower	Upper	
88	100		
43	35.7	34.9	52.3
58	89.5	67.3	100.9

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#4

Benzaldehyde

Concen: 3.05 ng/uL

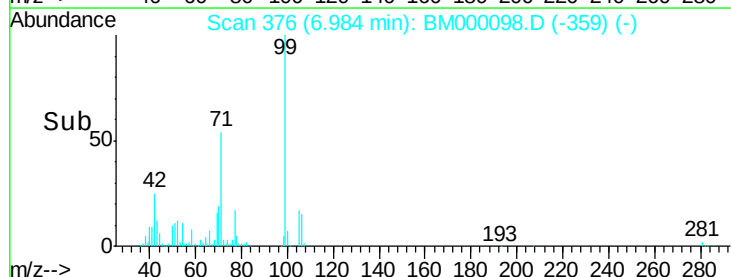
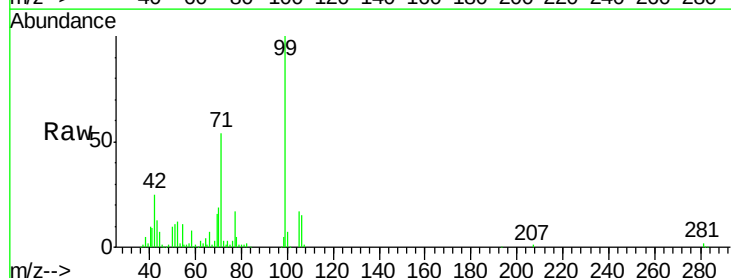
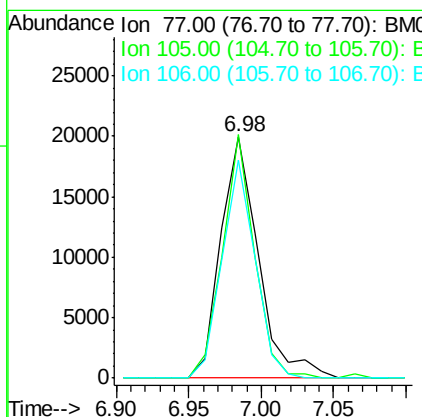
RT: 6.98 min Scan# 376

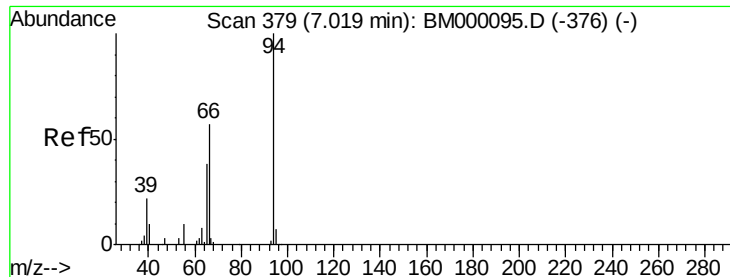
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	77	Resp:	36108
Ion Ratio	Lower	Upper	
77	100		
105	101.0	73.5	110.3
106	90.3	67.9	101.9





#6

Phenol

Concen: 6.98 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. 0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

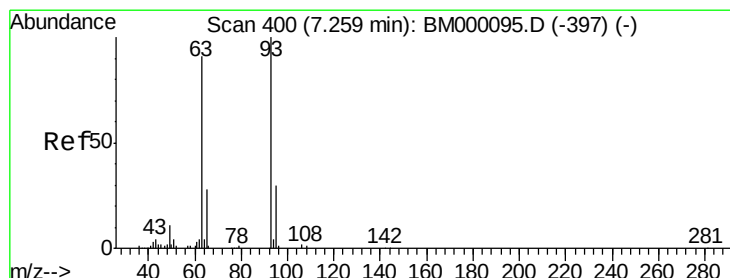
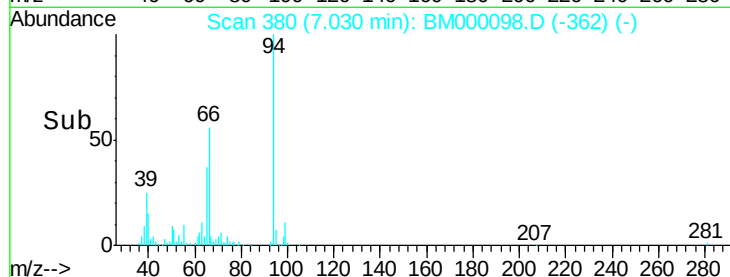
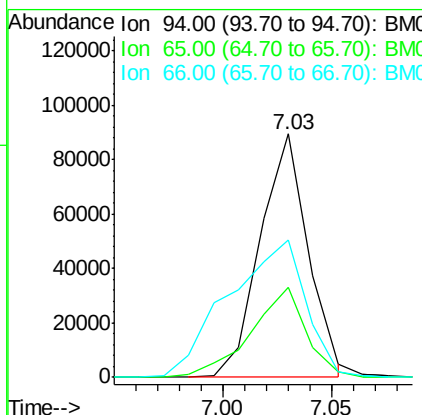
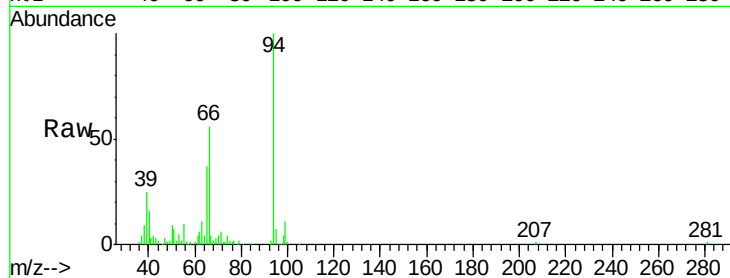
ClientSampleId :

MDLWater-7

Tgt Ion:	94	Resp:	138358
Ion	Ratio	Lower	Upper
94	100		
65	37.1	27.4	41.0
66	56.4	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 6.40 ng/ul

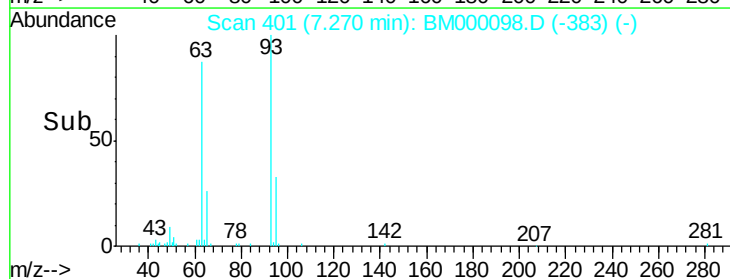
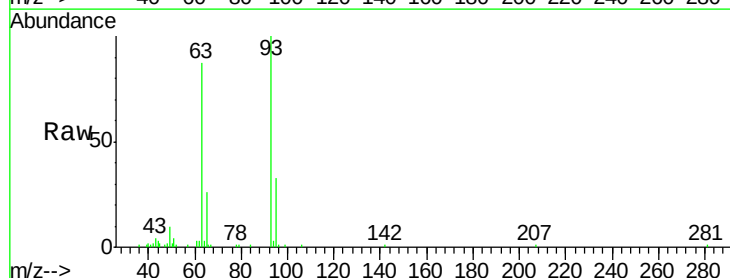
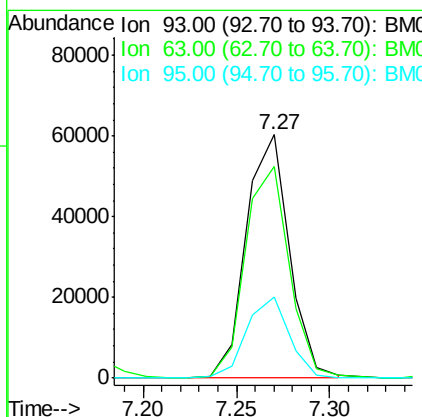
RT: 7.27 min Scan# 401

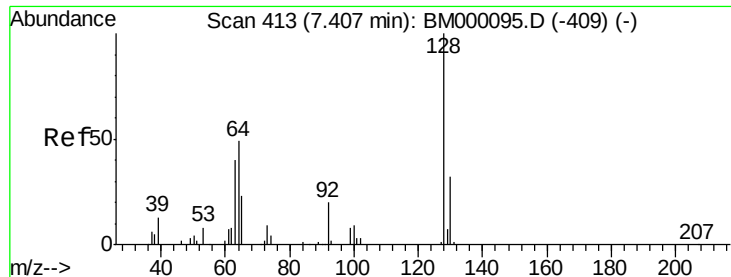
Delta R.T. 0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	93	Resp:	96897
Ion	Ratio	Lower	Upper
93	100		
63	87.1	68.9	103.3
95	33.5	24.6	37.0





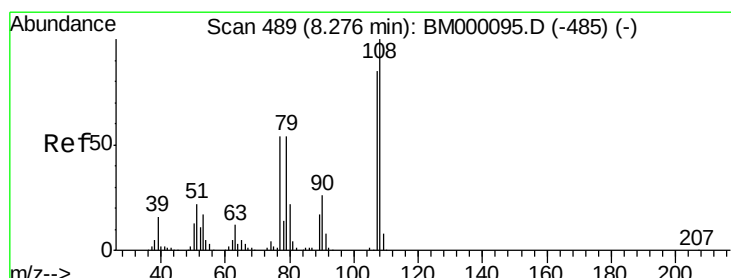
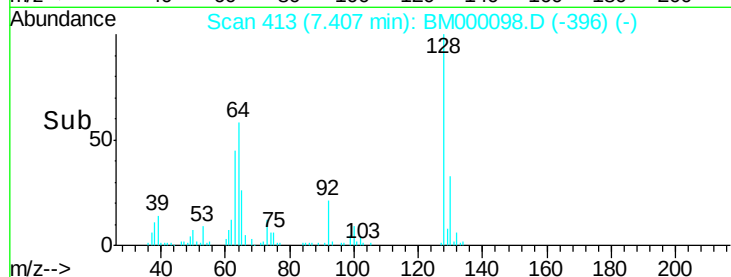
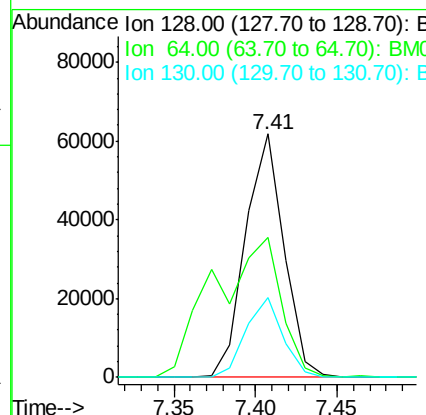
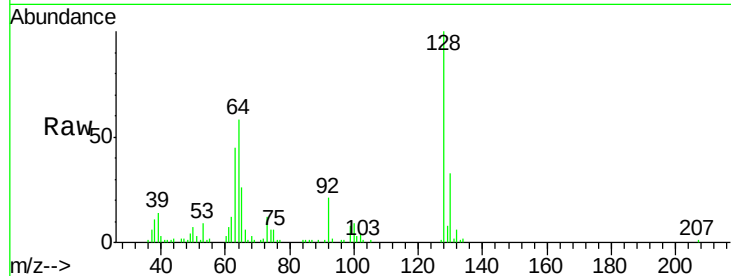
#10
2-Chlorophenol
Concen: 7.10 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Lower	Upper
128	100		
64	57.7	47.2	70.8
130	32.6	25.2	37.8

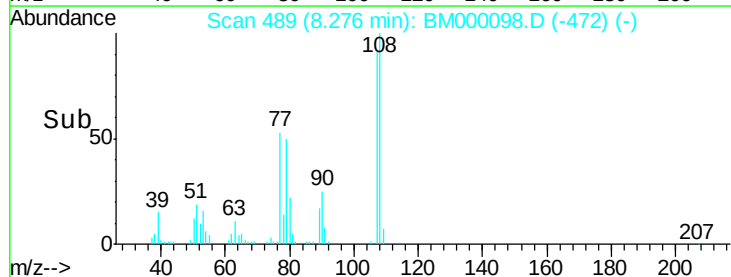
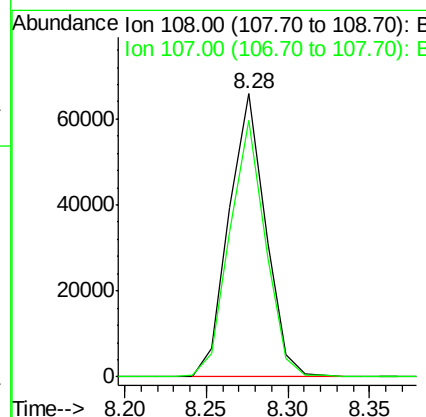
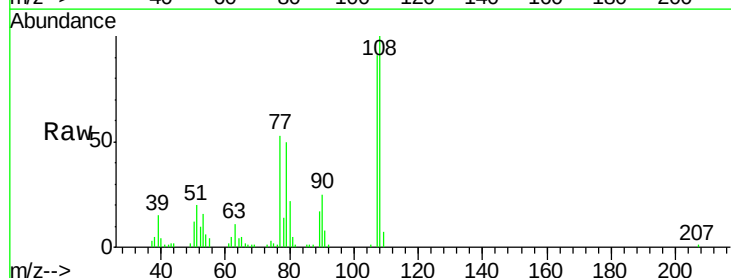
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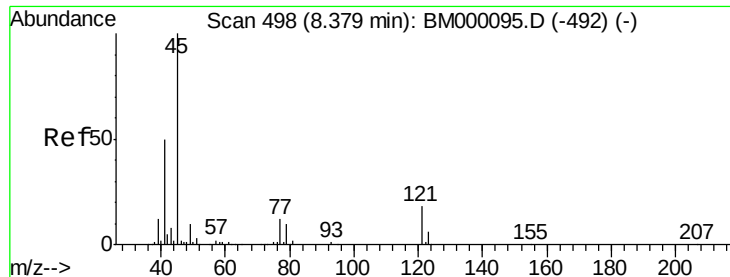
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#11
2-Methylphenol
Concen: 6.69 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Lower	Upper
108	100		
107	90.8	70.7	106.1





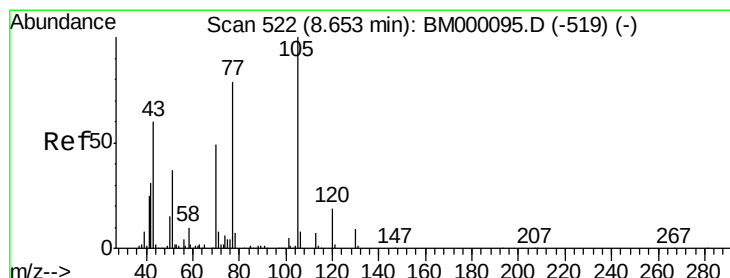
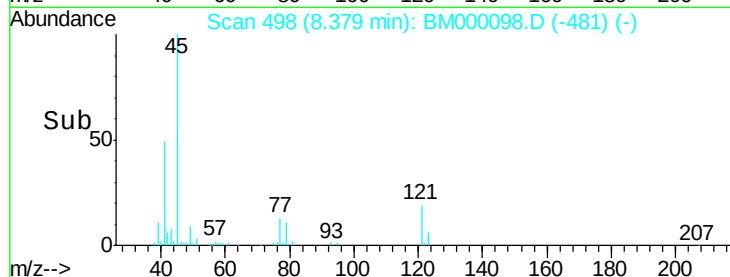
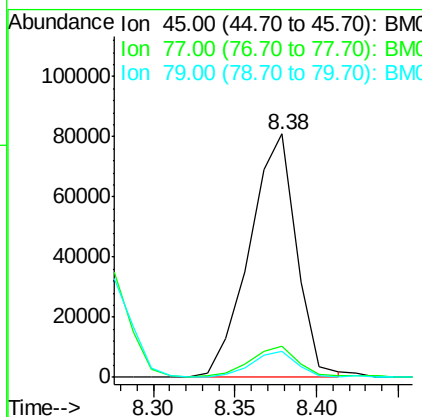
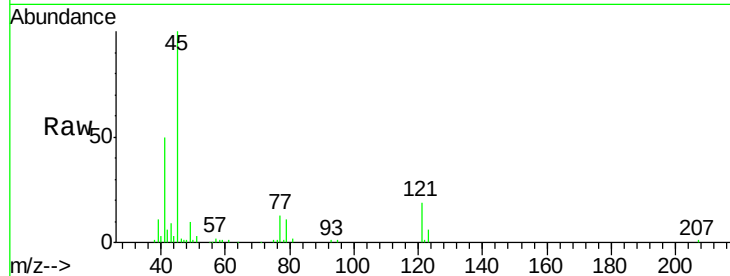
#12
2,2'-oxybis(1-Chloropropane)
Concen: 6.66 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	12.9	9.9	14.9
79	10.7	8.3	12.5

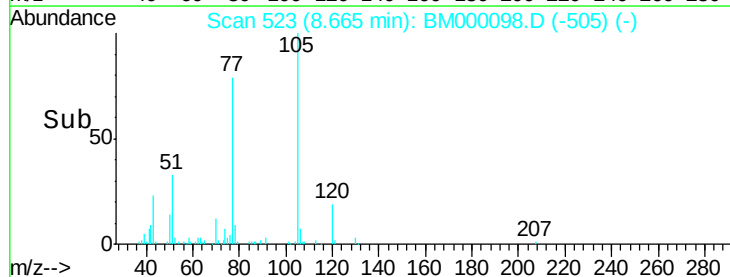
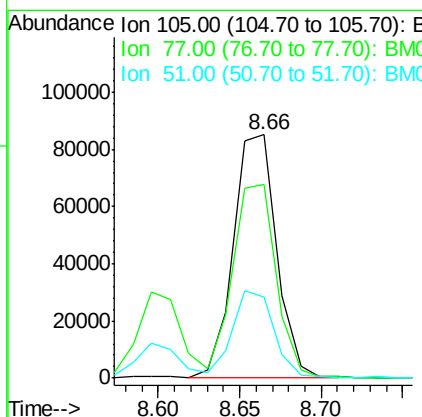
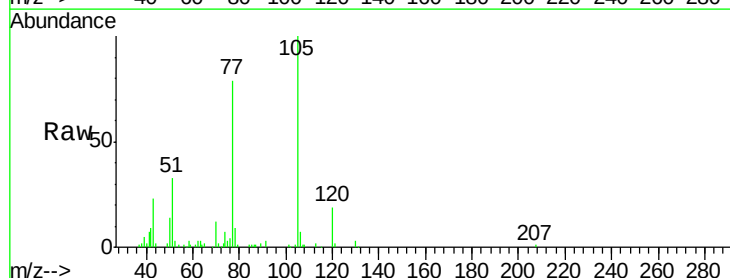
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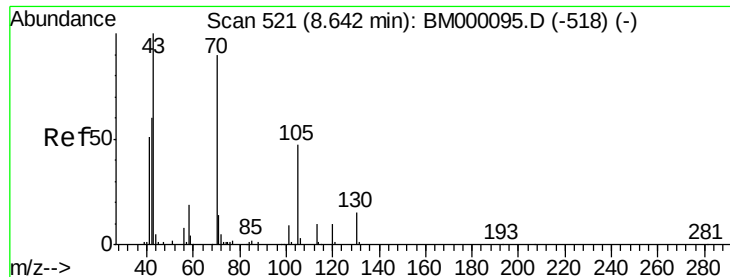
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#14
Acetophenone
Concen: 6.09 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. 0.01 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	79.4	66.3	99.5
51	33.2	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 6.28 ng/ul

RT: 8.64 min Scan# 521

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

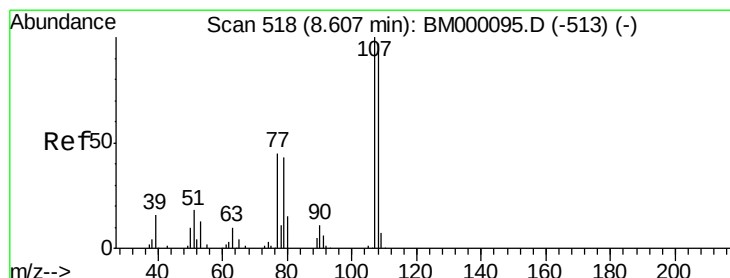
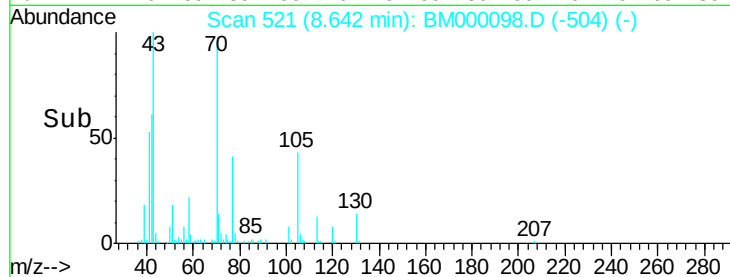
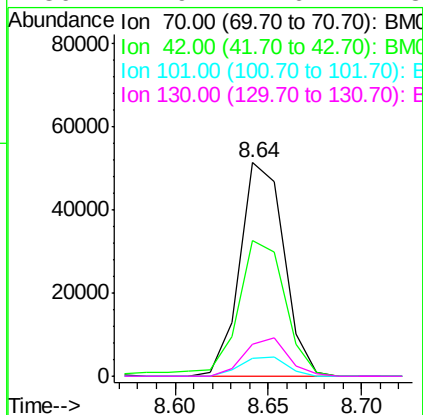
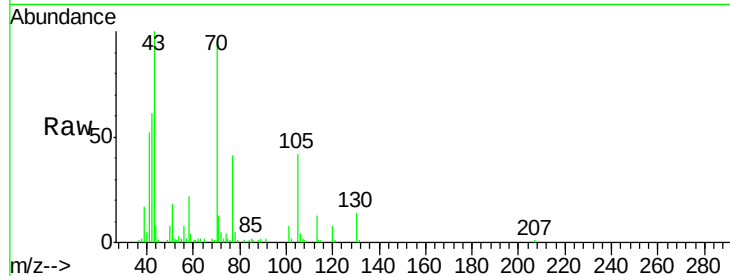
ClientSampleId :

MDLWater-7

Tgt Ion:	70	Resp:	84367
Ion Ratio	Lower	Upper	
70	100		
42	63.5	46.4	69.6
101	8.5	7.8	11.8
130	14.9	14.6	21.8

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#16

4-Methylphenol

Concen: 6.82 ng/ul

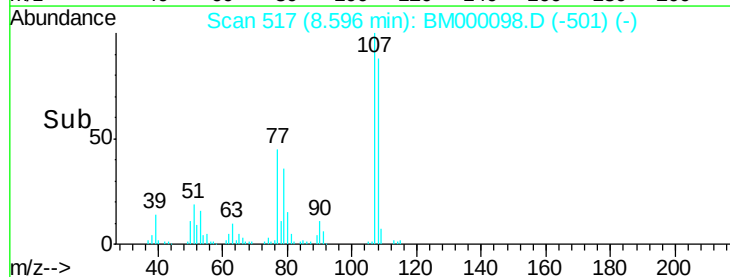
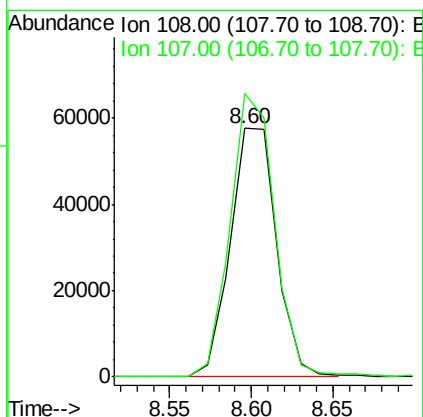
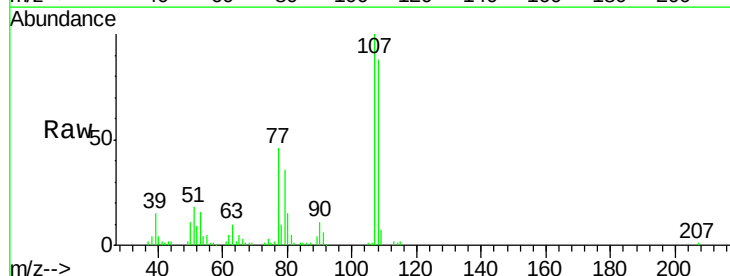
RT: 8.60 min Scan# 517

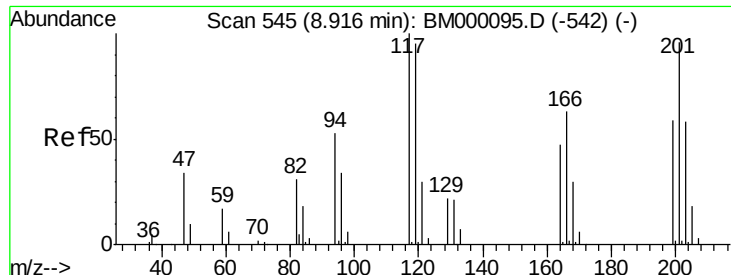
Delta R.T. -0.01 min

Lab File: BM000098.D

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Tgt Ion:	108	Resp:	112848
Ion Ratio	Lower	Upper	
108	100		
107	114.0	84.0	126.0





#17

Hexachloroethane

Concen: 6.16 ng/ul

RT: 8.92 min Scan# 545

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

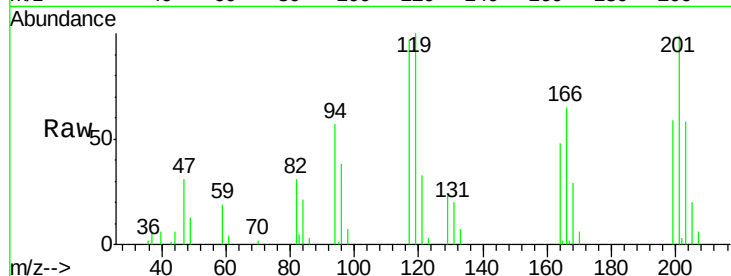
ClientSampleId :

MDLWater-7

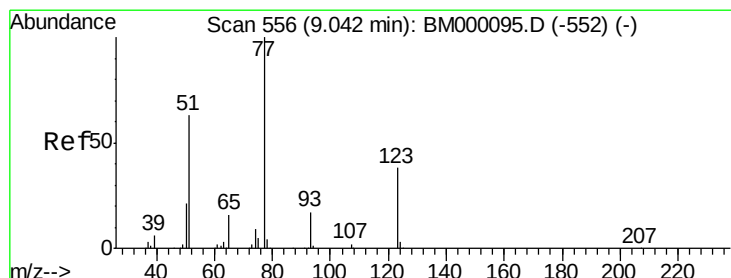
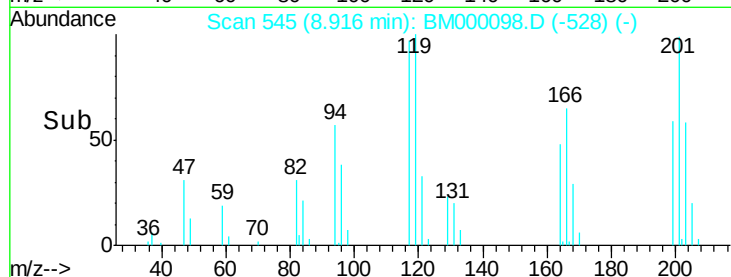
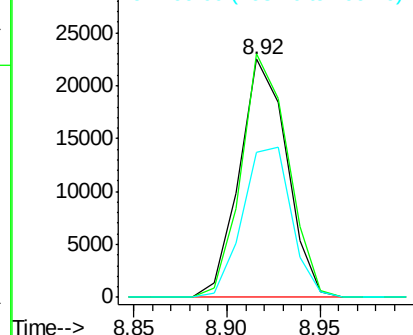
Tgt Ion:	117	Resp:	39896
Ion Ratio	Lower	Upper	
117	100		
201	102.3	85.2	127.8
199	60.7	55.1	82.7

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Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 6.79 ng/ul

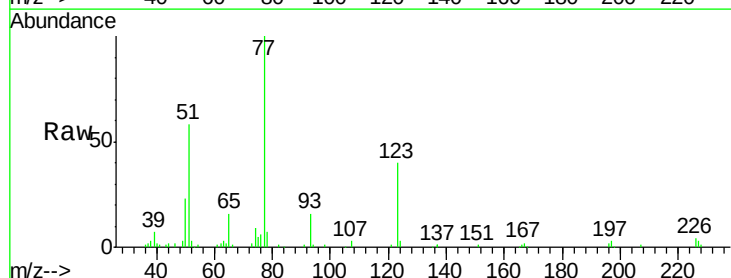
RT: 9.04 min Scan# 556

Delta R.T. -0.00 min

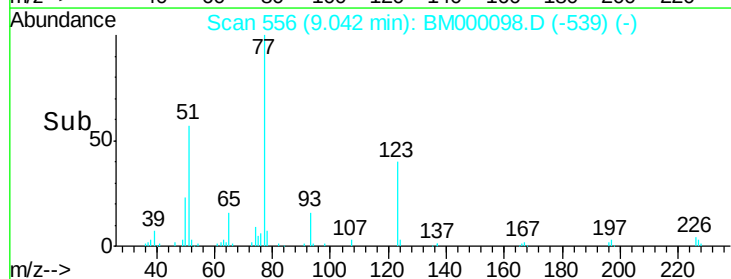
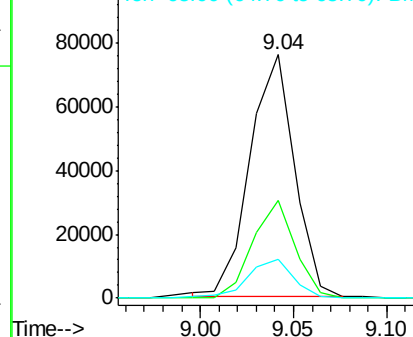
Lab File: BM000098.D

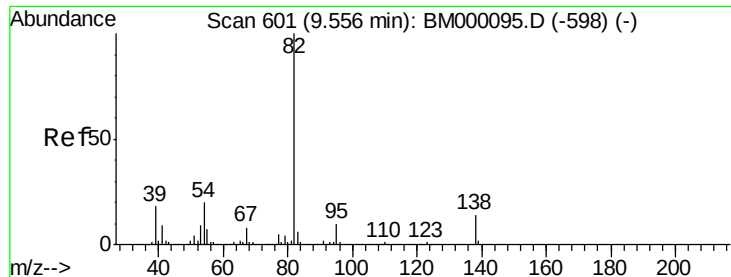
Acq: 31 Dec 2014 16:41

Tgt Ion:	77	Resp:	125587
Ion Ratio	Lower	Upper	
77	100		
123	39.9	29.2	43.8
65	16.1	12.4	18.6



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





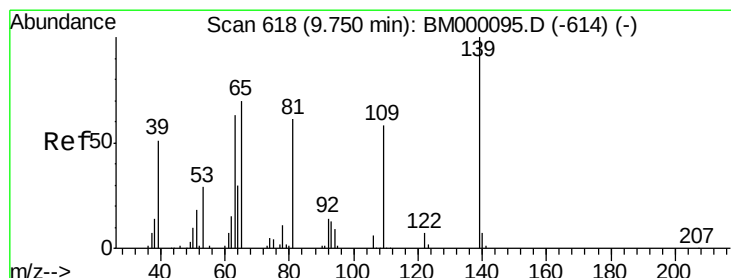
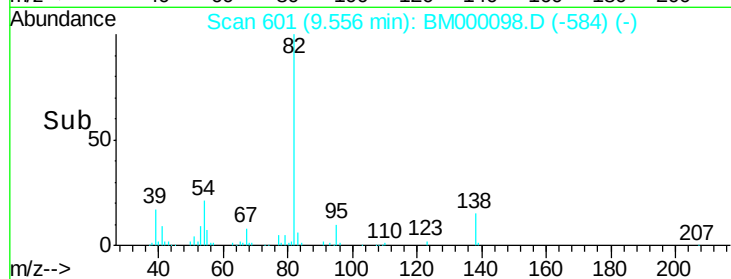
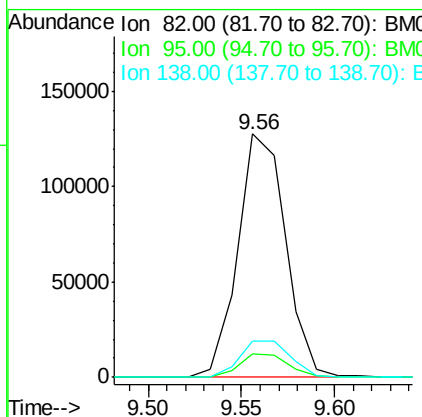
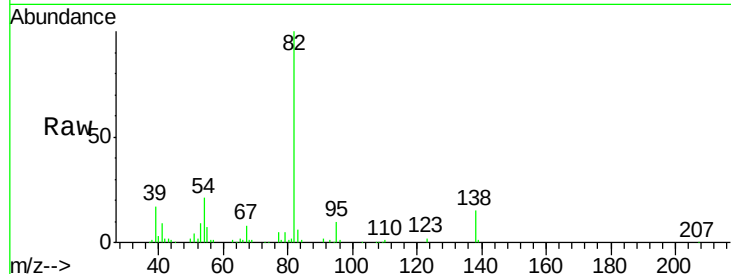
#21
Isophorone
Concen: 6.38 ng/ul
RT: 9.56 min Scan# 601
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	9.7	6.9	10.3
138	14.6	12.1	18.1

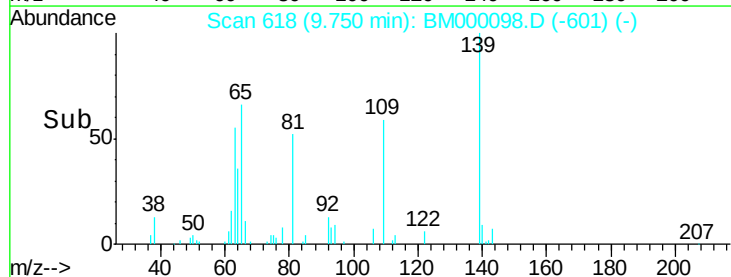
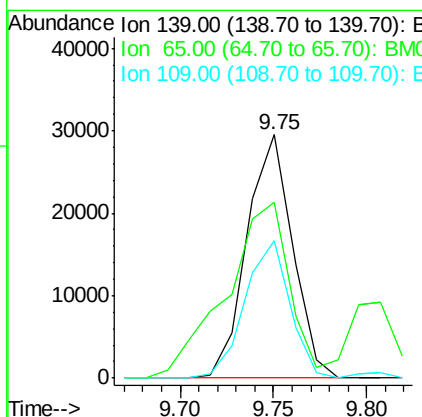
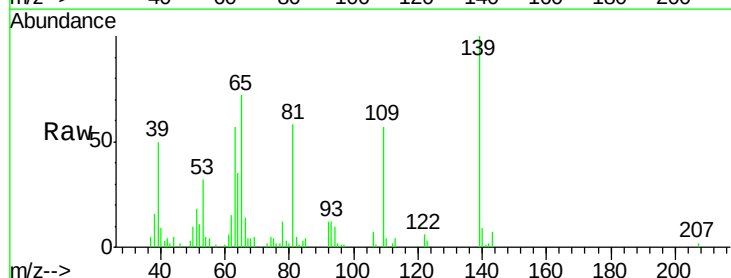
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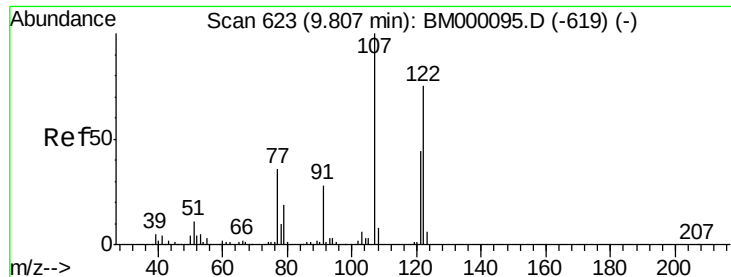
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#23
2-Nitrophenol
Concen: 7.15 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
65	72.0	56.3	84.5
109	56.6	37.1	55.7#





#24

2,4-Dimethylphenol

Concen: 7.19 ng/ul

RT: 9.81 min Scan# 623

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

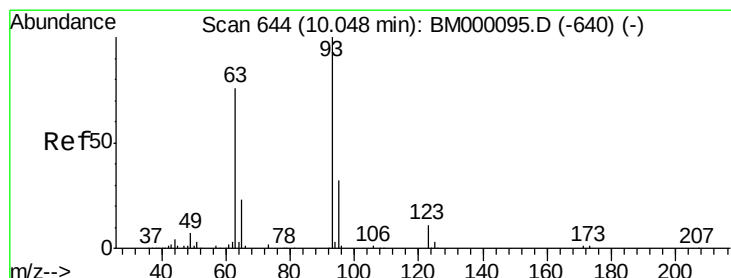
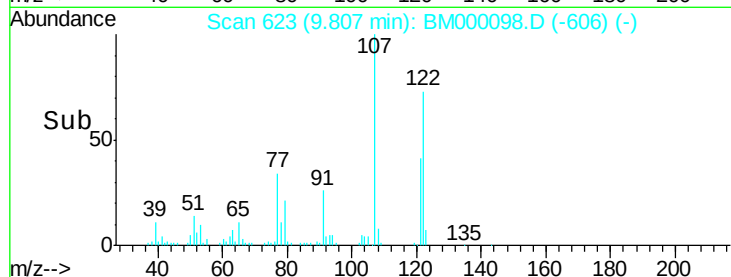
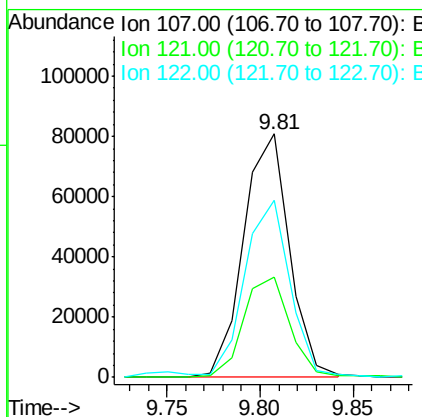
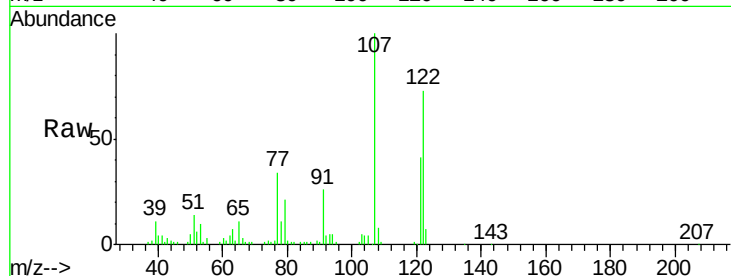
ClientSampleId :

MDLWater-7

Tgt Ion:	107	Resp:	136498
Ion Ratio	Lower	Upper	
107	100		
121	41.0	33.0	49.6
122	72.9	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 6.52 ng/ul

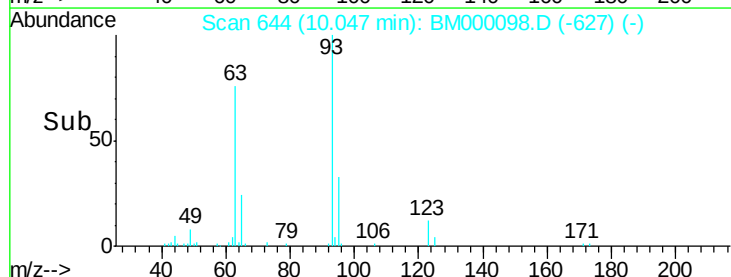
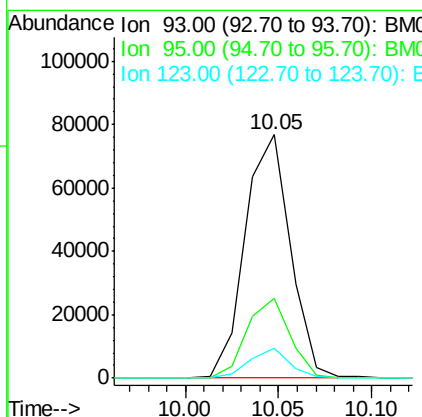
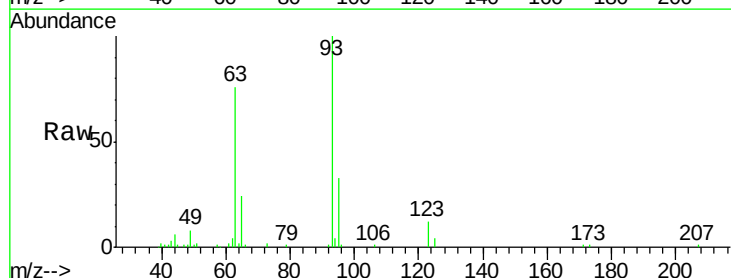
RT: 10.05 min Scan# 644

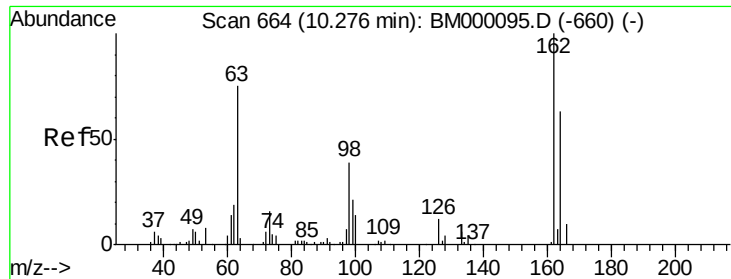
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	93	Resp:	129394
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.1	39.1
123	12.3	7.4	11.2#





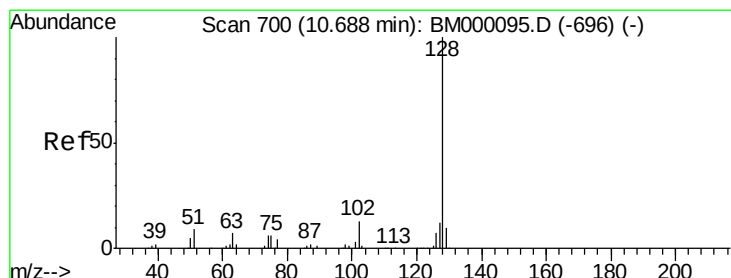
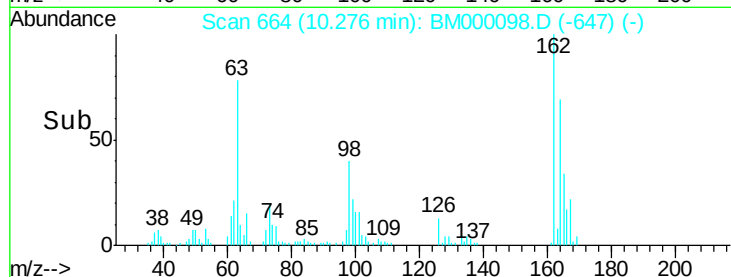
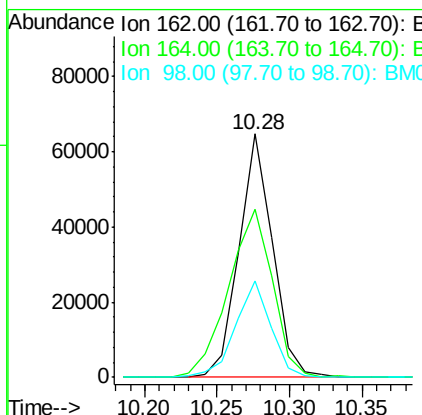
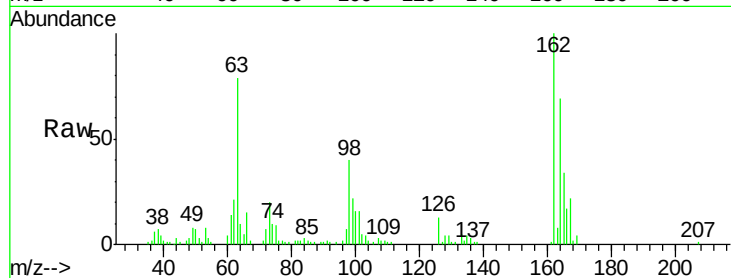
#27
 2,4-Dichlorophenol
 Concen: 7.44 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.2	50.2	75.4
98	39.8	31.4	47.2

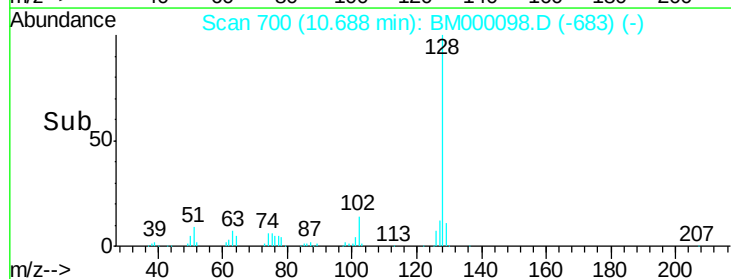
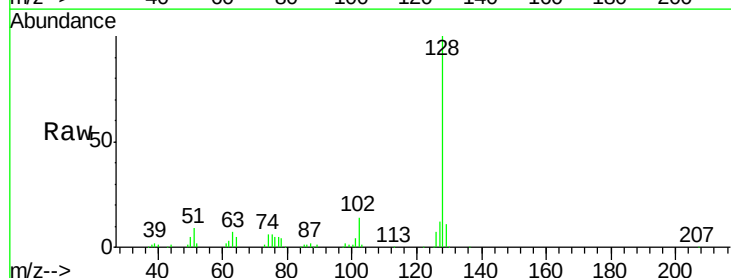
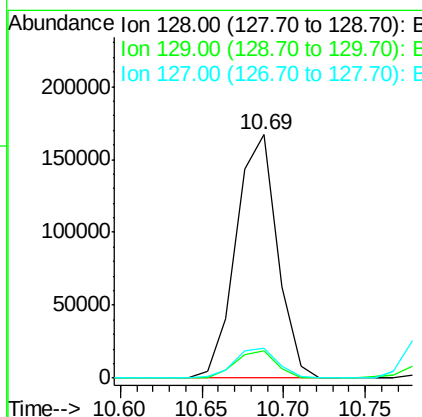
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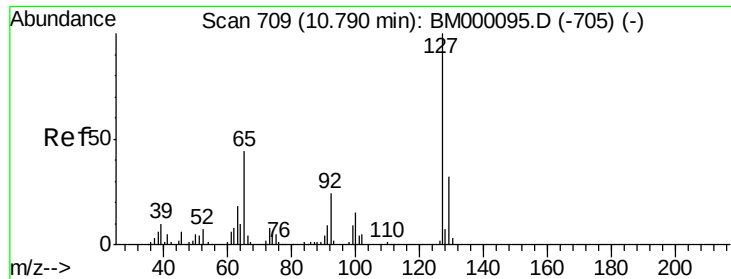
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#28
 Naphthalene
 Concen: 6.40 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.6	13.0
127	12.3	10.3	15.5





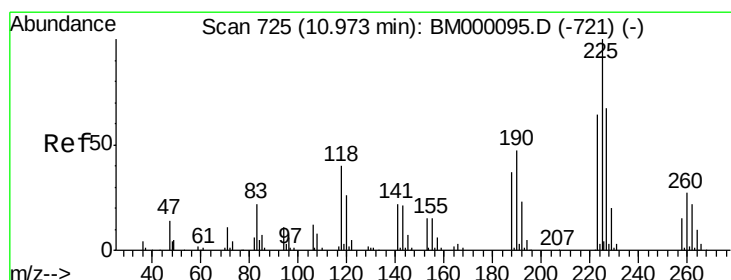
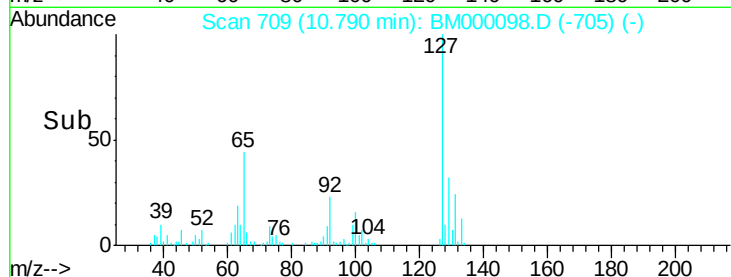
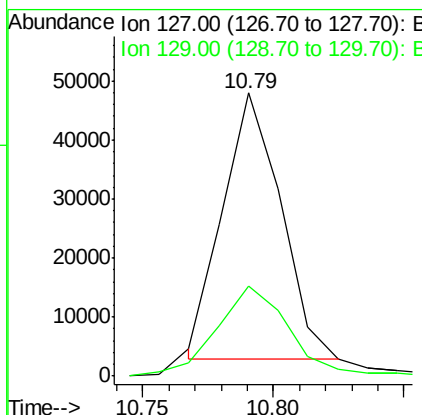
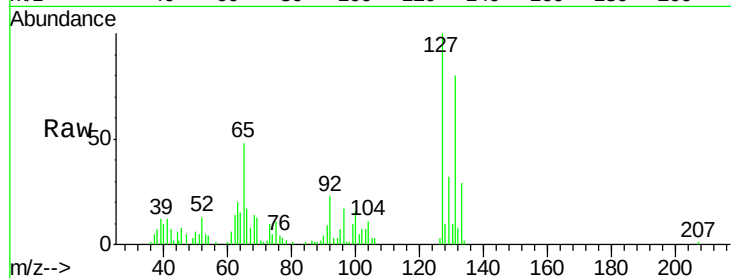
#30
4-Chloroaniline
Concen: 4.26 ng/ul
RT: 10.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion:127 Resp: 70039
Ion Ratio Lower Upper
127 100
129 32.1 26.5 39.7

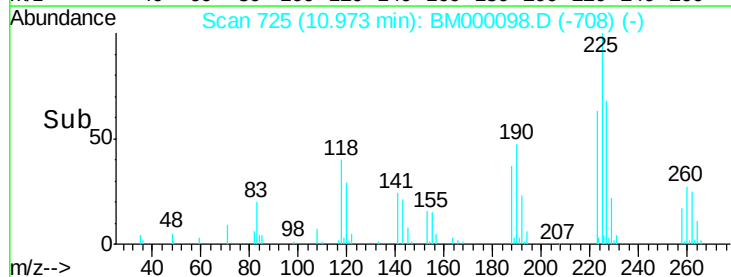
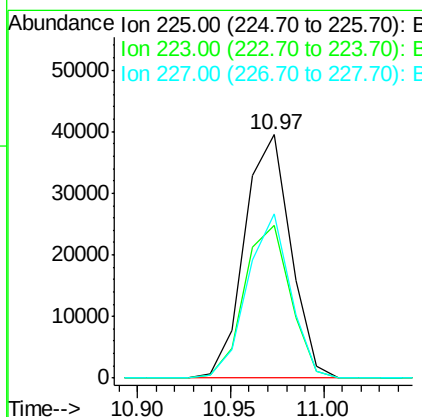
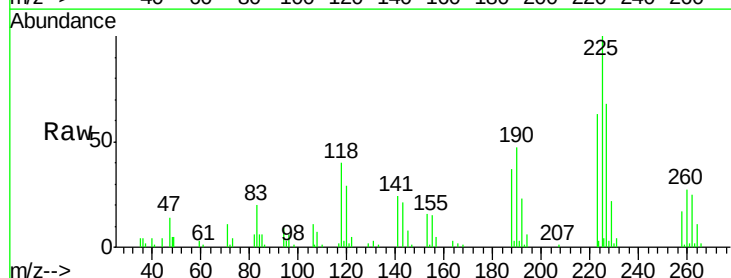
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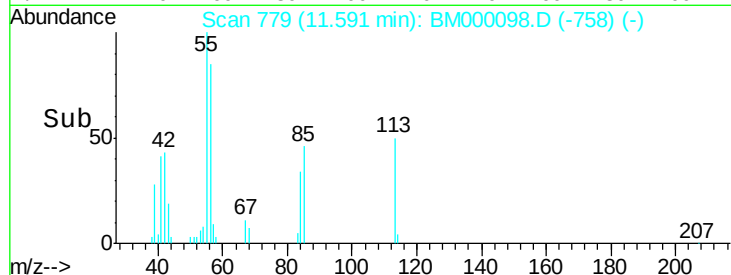
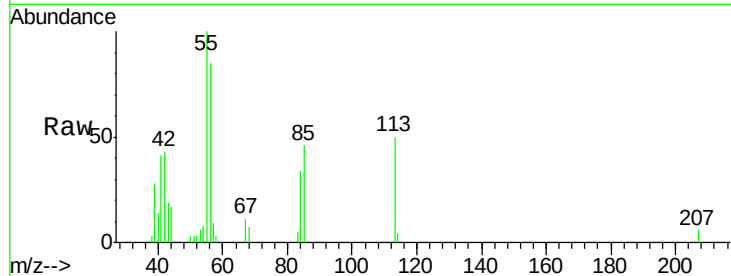
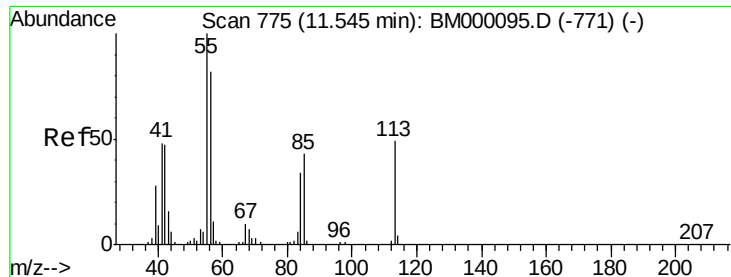
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#31
Hexachlorobutadiene
Concen: 6.83 ng/ul
RT: 10.97 min Scan# 725
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion:225 Resp: 67659
Ion Ratio Lower Upper
225 100
223 62.7 54.4 81.6
227 67.7 51.8 77.8





#32

Caprolactam

Concen: 6.05 ng/ul m

RT: 11.59 min Scan# 779

Delta R.T. 0.05 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	113	Resp:	28160
Ion Ratio	Lower	Upper	
113	100		
55	201.9	156.6	234.8
56	171.4	126.3	189.5

Instrument :

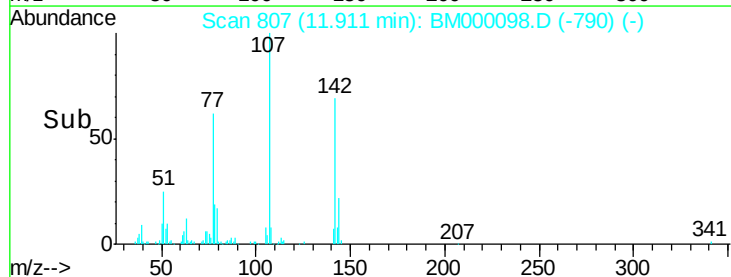
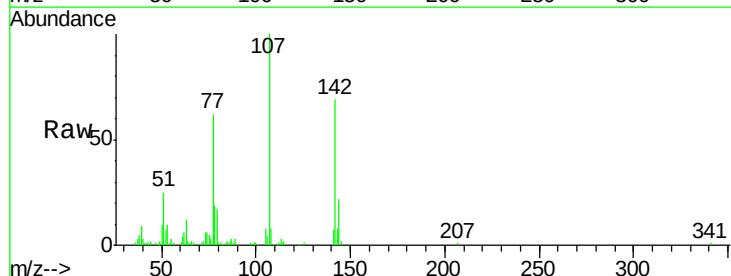
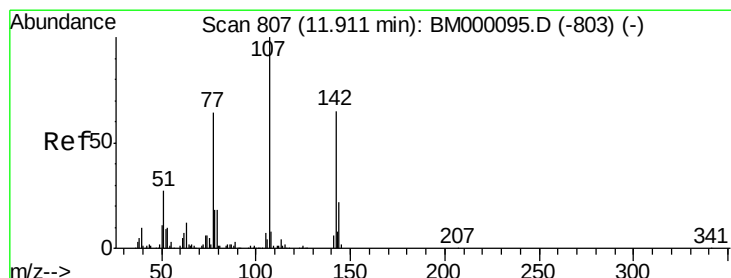
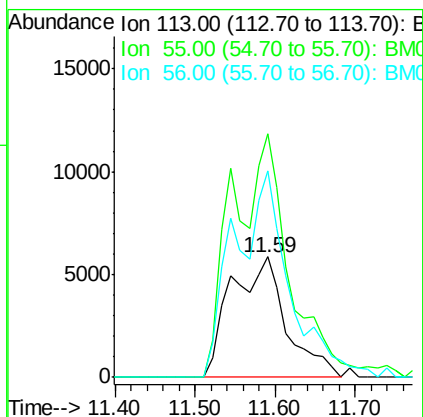
BNA_M

ClientSampleId :

MDLWater-7

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#33

4-Chloro-3-methylphenol

Concen: 7.03 ng/ul

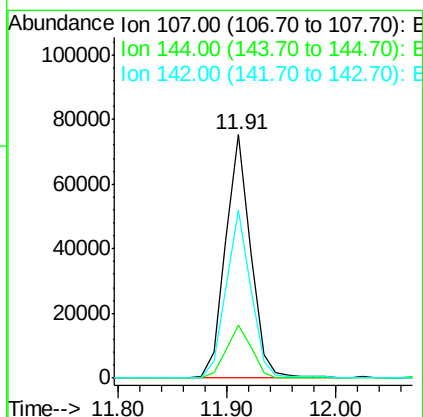
RT: 11.91 min Scan# 807

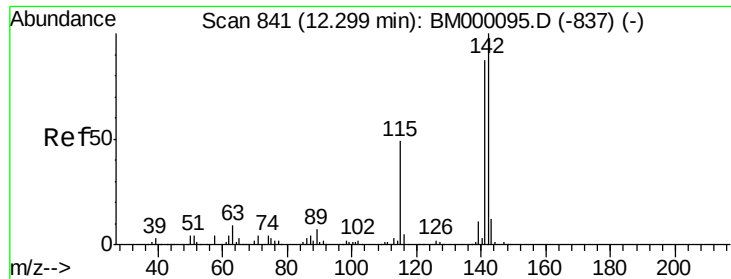
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	107	Resp:	120481
Ion Ratio	Lower	Upper	
107	100		
144	21.9	16.6	24.8
142	69.3	54.6	82.0





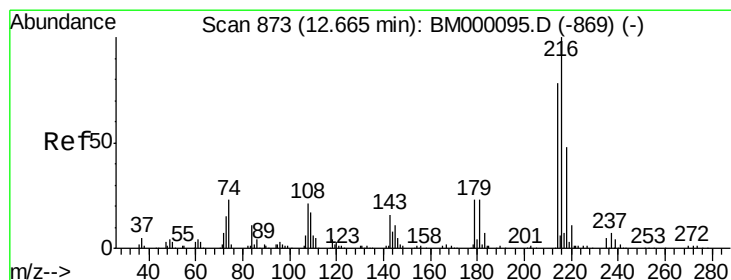
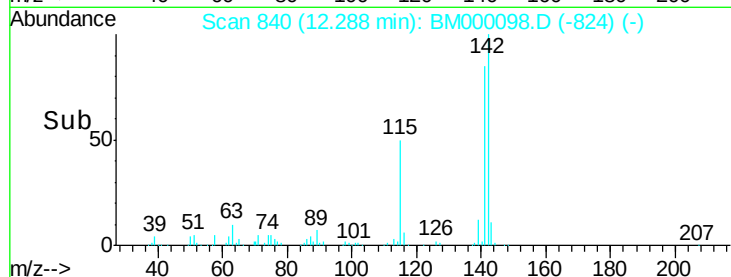
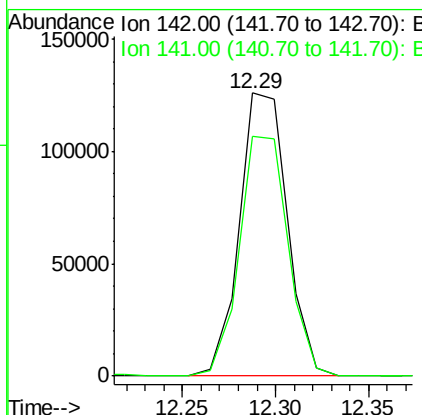
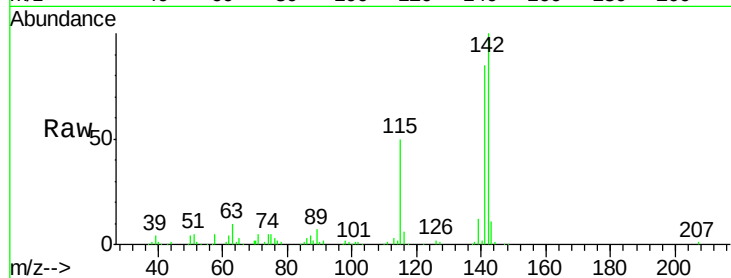
#34
 2-Methylnaphthalene
 Concen: 6.60 ng/ul
 RT: 12.29 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	224157		
141	84.8	69.3	103.9	

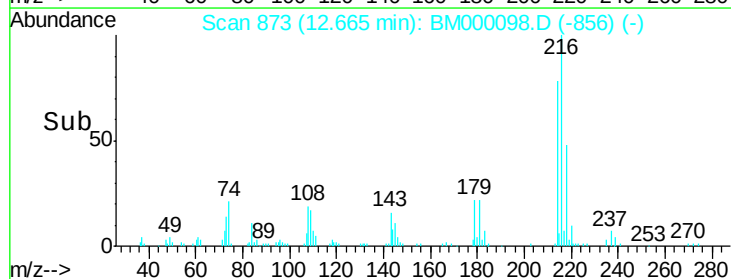
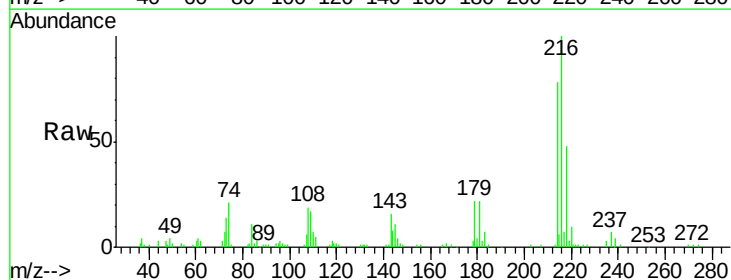
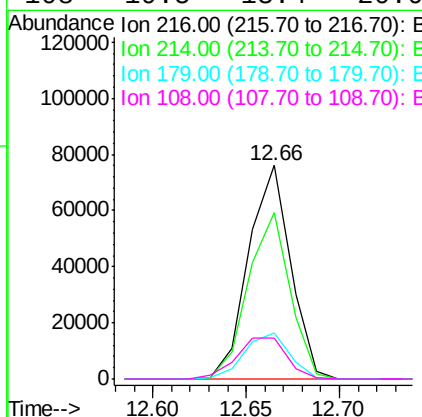
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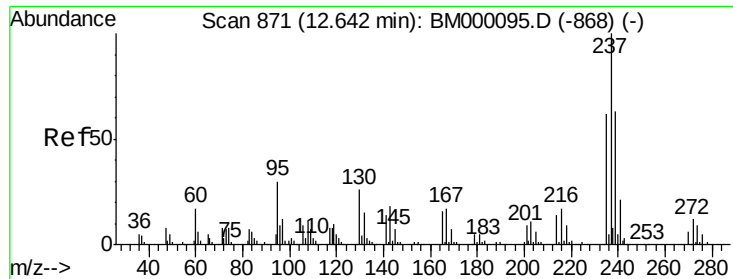
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.54 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	118799		
214	78.0	62.6	94.0	
179	21.5	17.4	26.2	
108	19.5	13.4	20.0	





#37

Hexachlorocyclopentadiene

Concen: 5.33 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

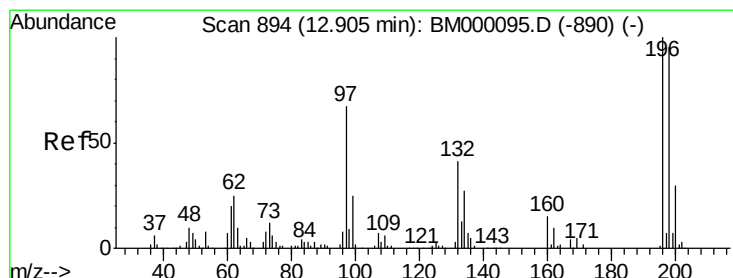
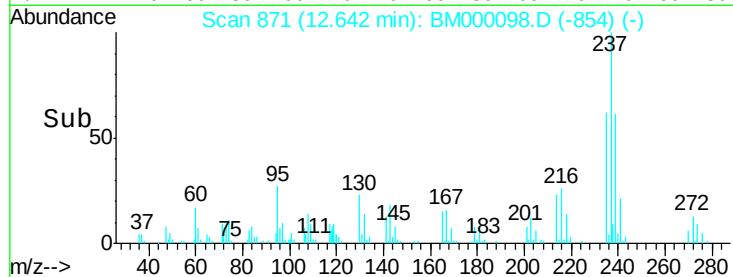
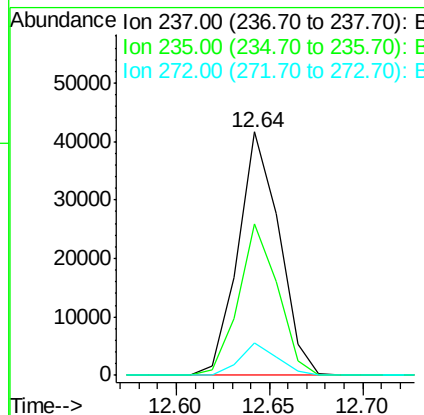
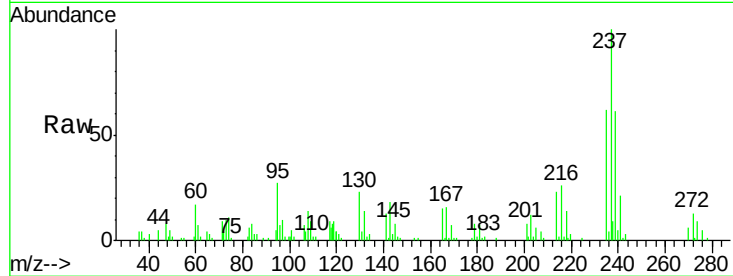
ClientSampleId :

MDLWater-7

Tgt Ion:	237	Resp:	63998
Ion Ratio		Lower	Upper
237	100		
235	62.3	50.0	75.0
272	14.2	8.9	13.3#

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#38

2,4,6-Trichlorophenol

Concen: 6.96 ng/ul

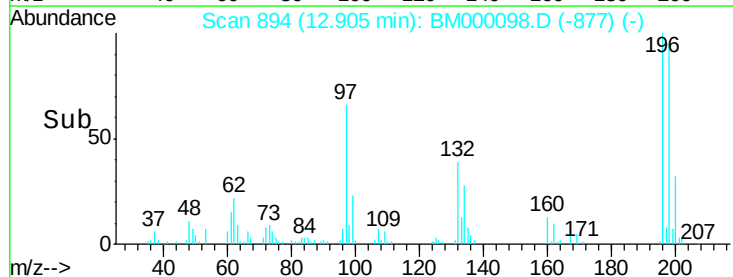
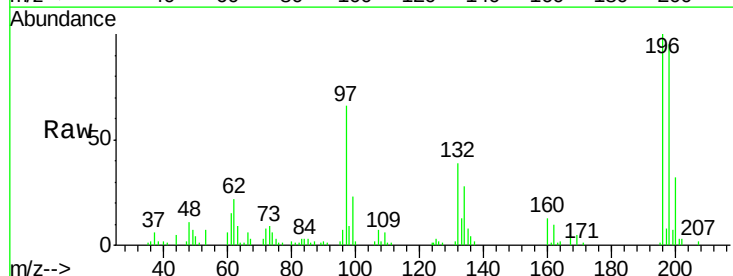
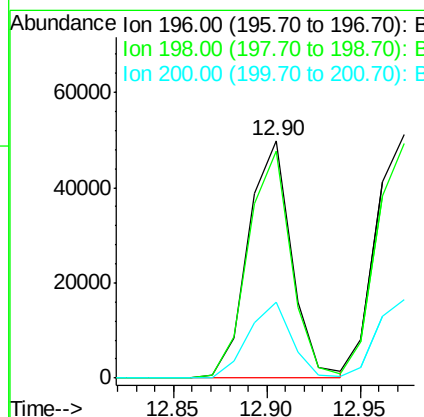
RT: 12.90 min Scan# 894

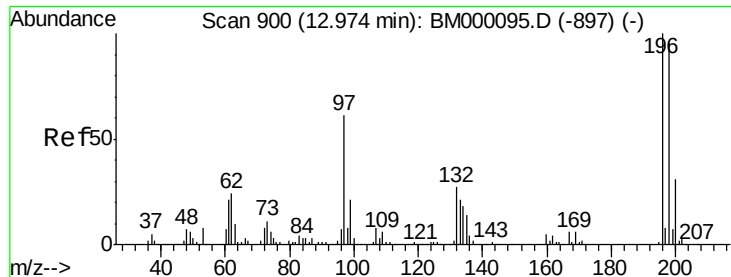
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	196	Resp:	80667
Ion Ratio		Lower	Upper
196	100		
198	95.3	76.6	114.8
200	31.9	24.5	36.7





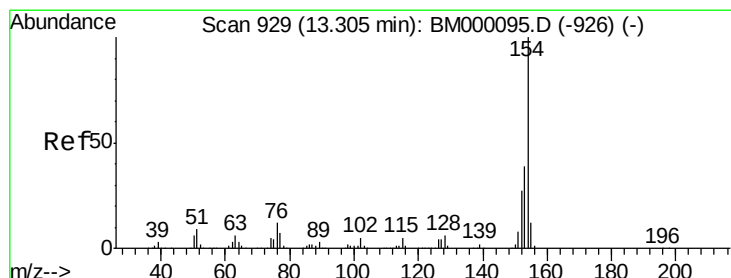
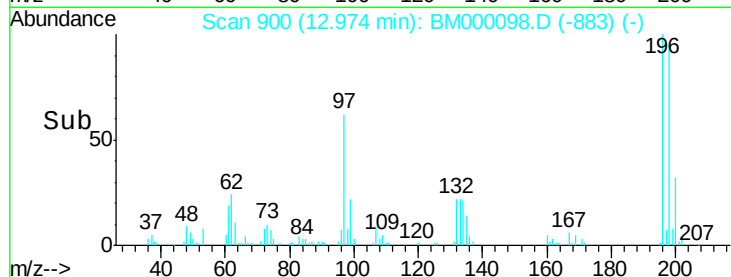
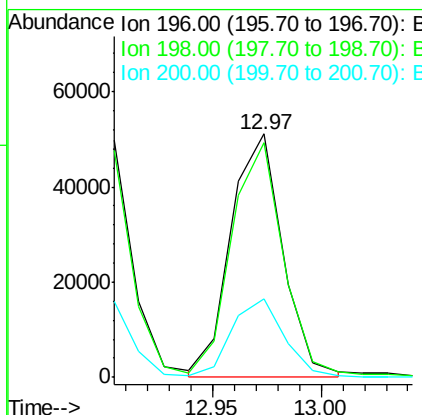
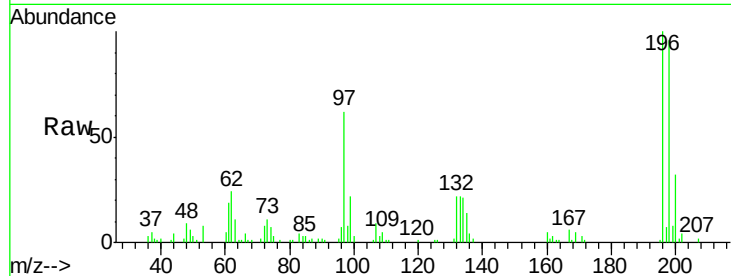
#39
 2,4,5-Trichlorophenol
 Concen: 6.74 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84873		
198	96.2	75.4	113.2	
200	32.4	25.0	37.4	

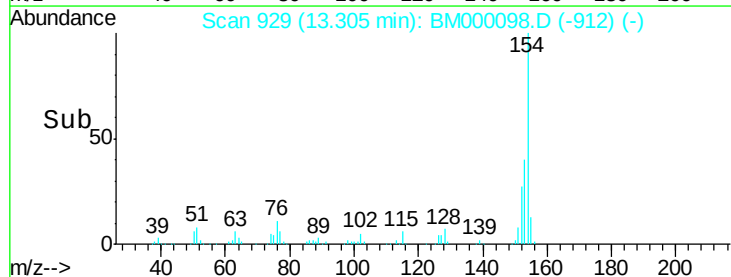
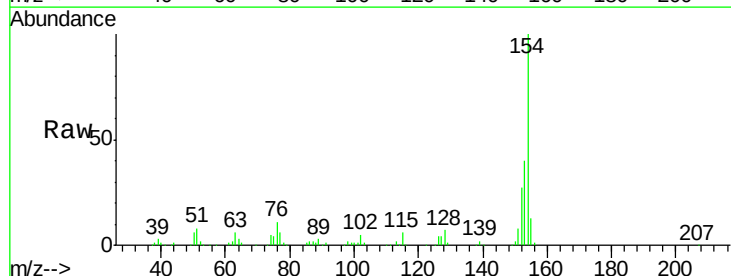
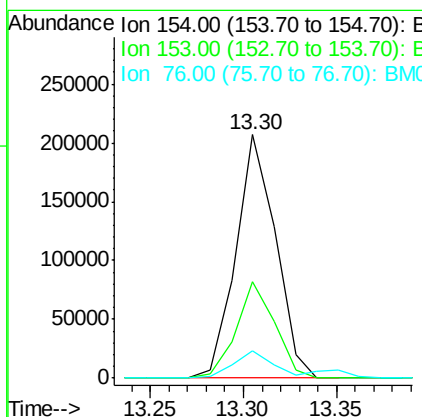
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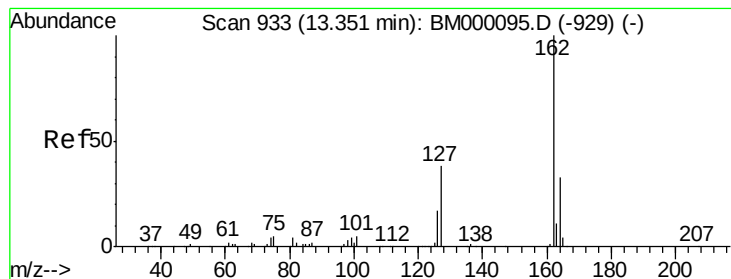
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#40
 1,1'-Biphenyl
 Concen: 6.49 ng/ul
 RT: 13.30 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	306748		
153	39.8	30.5	45.7	
76	11.1	8.9	13.3	





#41

2-Chloronaphthalene

Concen: 6.40 ng/ul

RT: 13.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

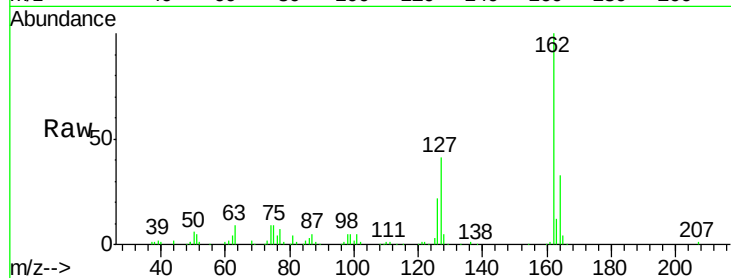
ClientSampleId :

MDLWater-7

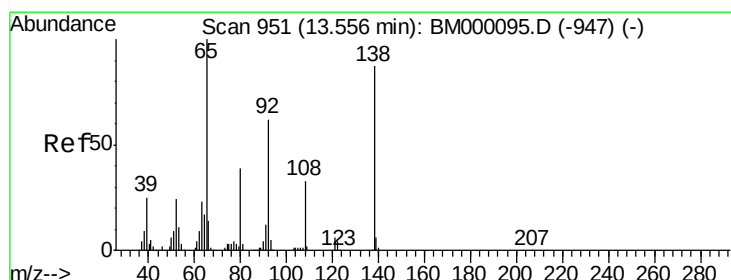
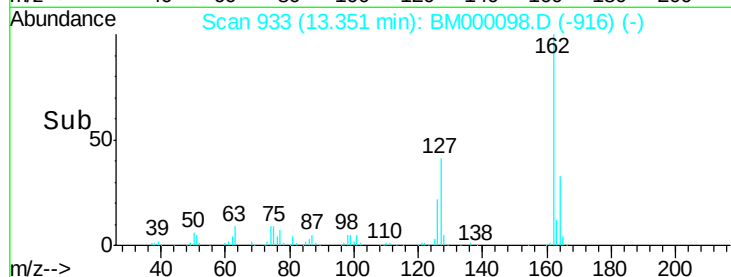
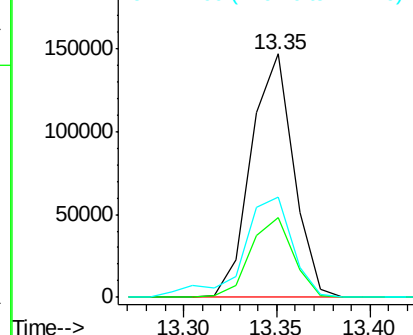
Tgt Ion:	162	Resp:	231709
Ion Ratio	Lower	Upper	
162	100		
164	32.7	25.8	38.6
127	41.2	35.9	53.9

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 6.57 ng/ul

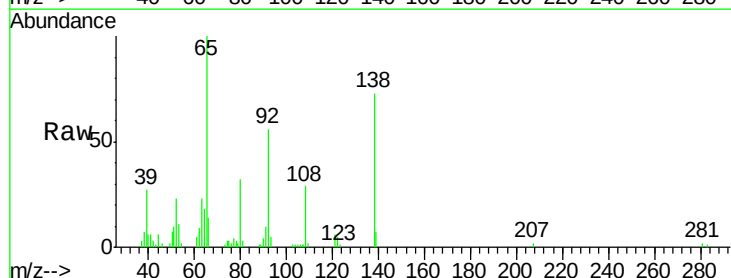
RT: 13.55 min Scan# 950

Delta R.T. -0.01 min

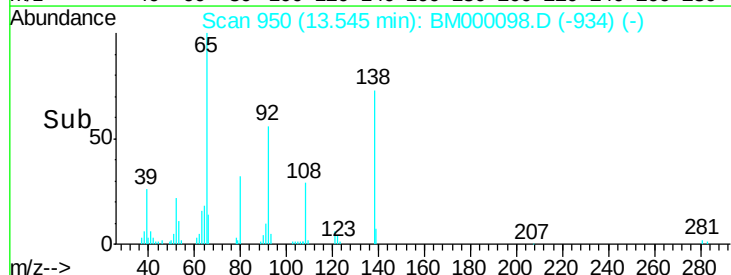
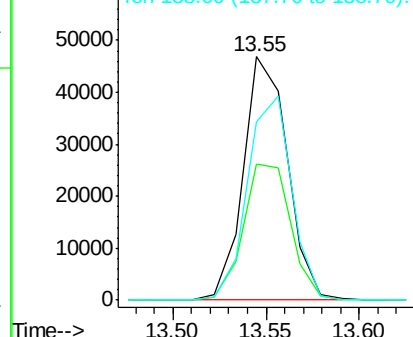
Lab File: BM000098.D

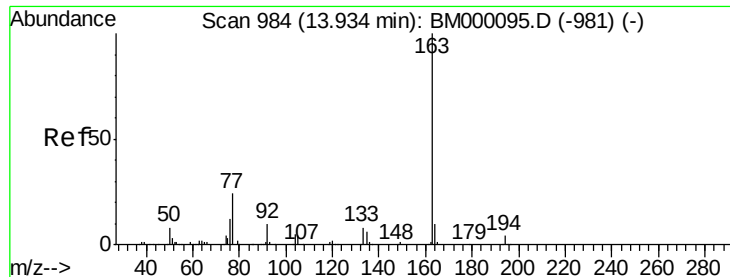
Acq: 31 Dec 2014 16:41

Tgt Ion:	65	Resp:	77117
Ion Ratio	Lower	Upper	
65	100		
92	56.1	50.4	75.6
138	73.4	66.9	100.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





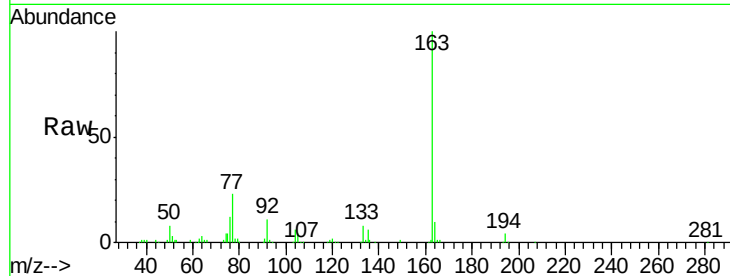
#44
Dimethylphthalate
Concen: 6.63 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.0	4.4
164	10.2	8.5	12.7

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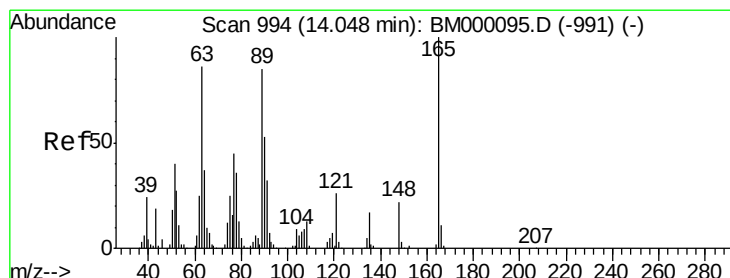
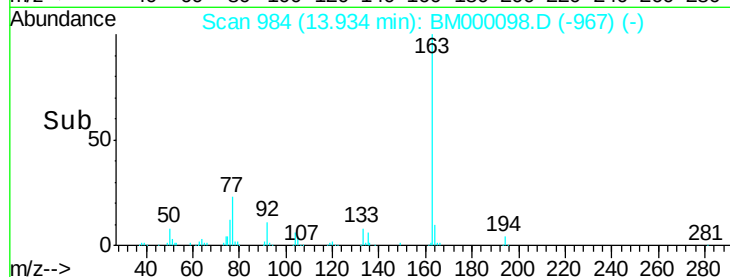
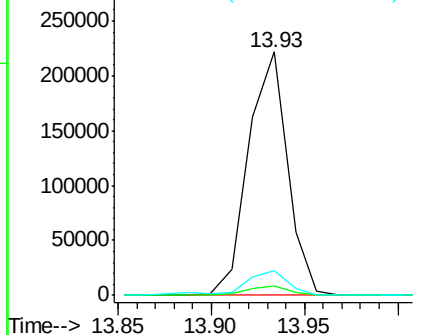


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45
2,6-Dinitrotoluene
Concen: 6.34 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

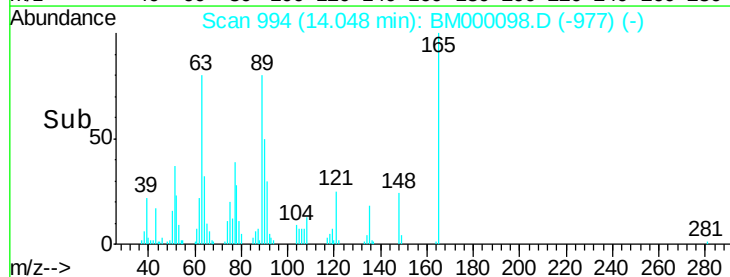
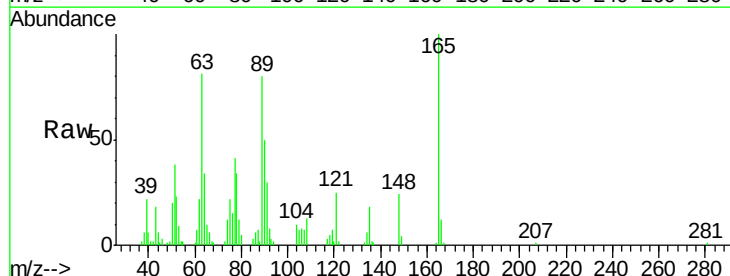
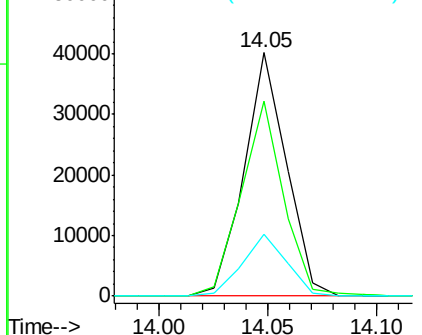
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	80.2	54.4	81.6
121	25.5	18.6	28.0

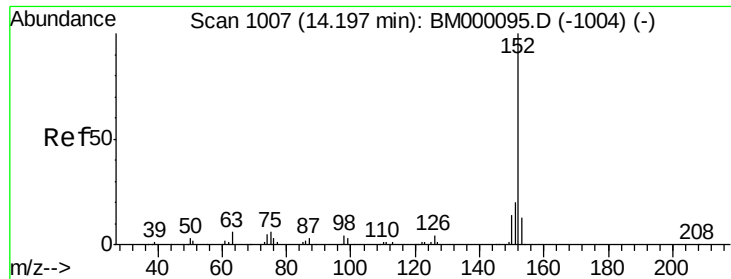
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 6.32 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000098.D

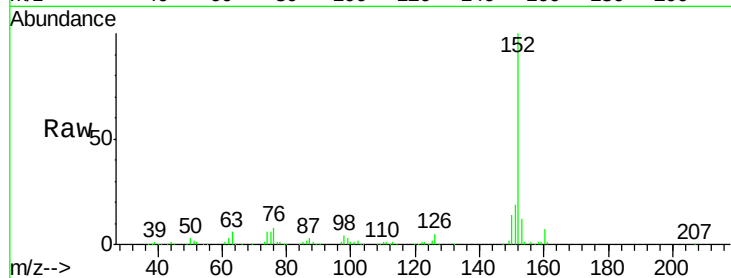
Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

ClientSampleId :

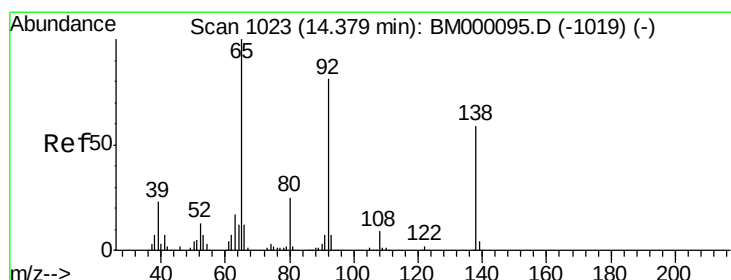
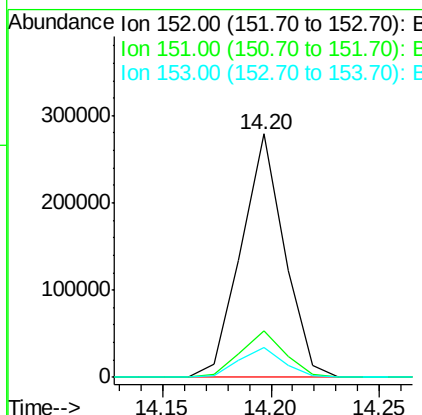
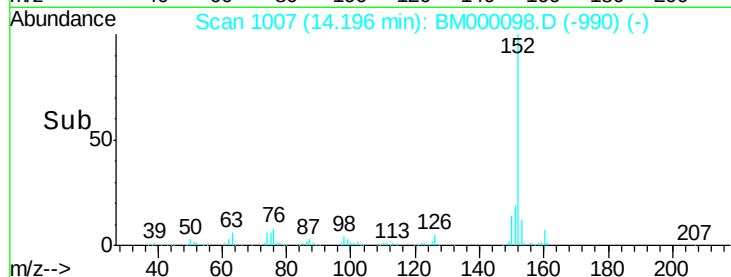
MDLWater-7



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	385890		
151	19.2	15.4	23.2	
153	12.4	10.2	15.2	

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#48

3-Nitroaniline

Concen: 3.44 ng/ul

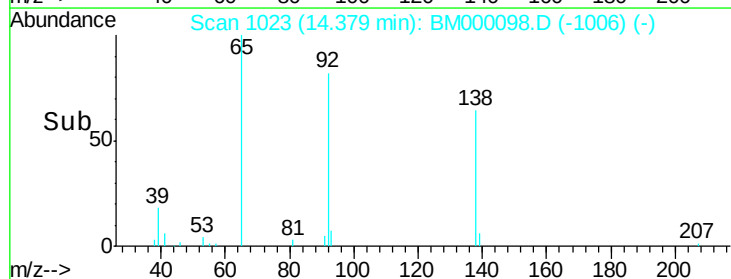
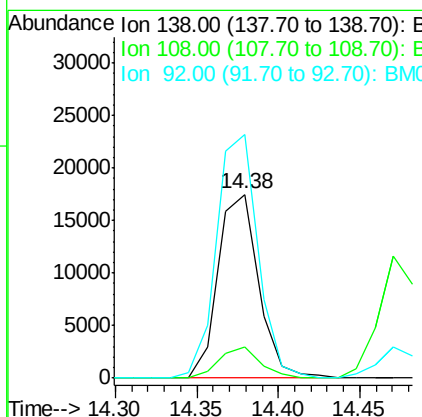
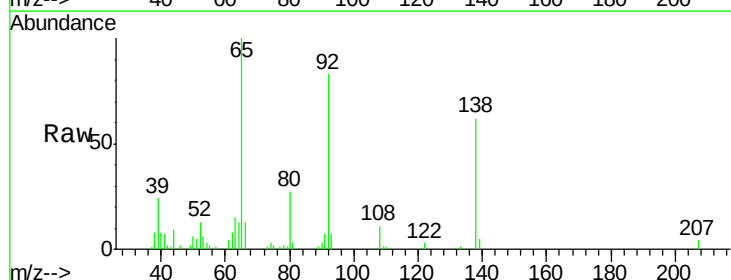
RT: 14.38 min Scan# 1023

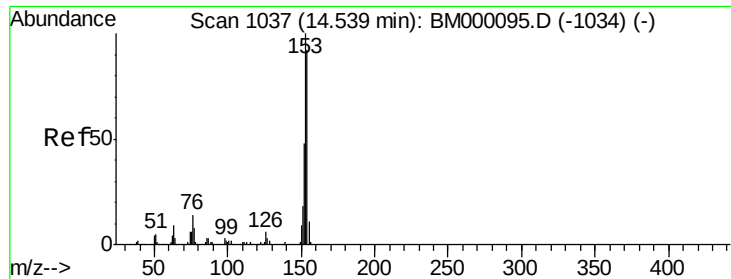
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	30298		
108	17.0	11.2	16.8#	
92	132.3	110.6	165.8	





#49

Acenaphthene

Concen: 6.40 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000098.D

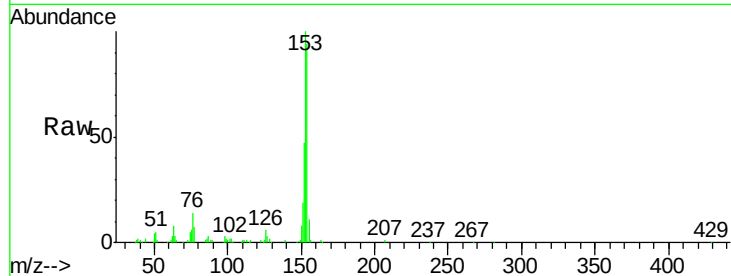
Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

ClientSampleId :

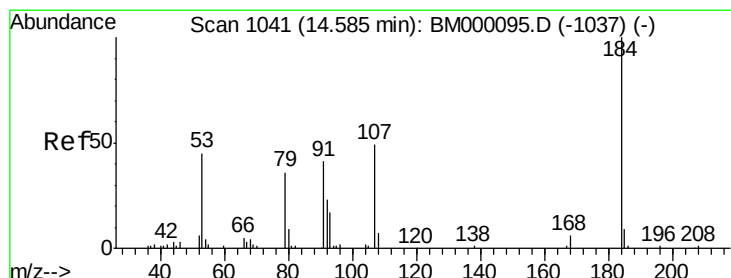
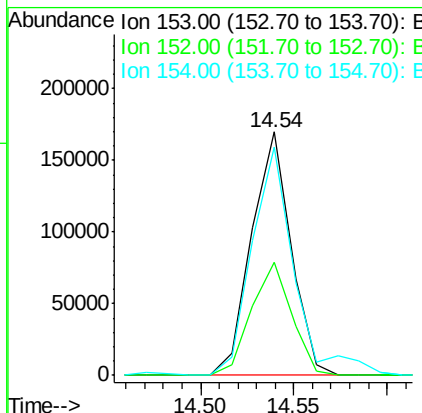
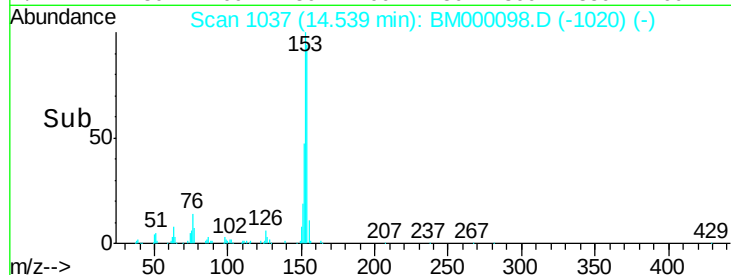
MDLWater-7



Tgt Ion:	153	Resp:	249113
Ion Ratio	Lower	Upper	
153	100		
152	46.7	37.5	56.3
154	93.6	72.2	108.4

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#50

2,4-Dinitrophenol

Concen: 6.04 ng/ul

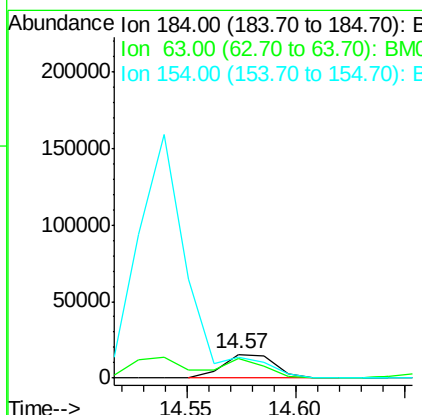
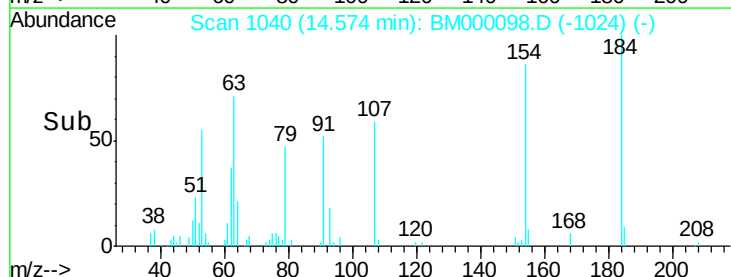
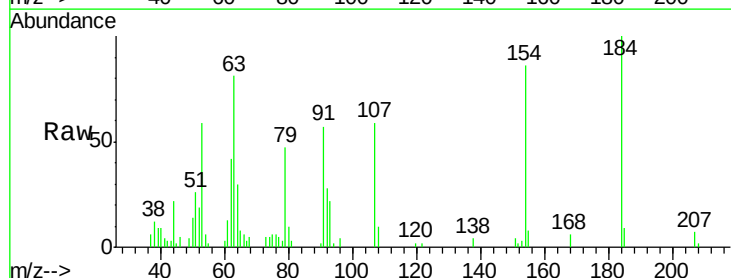
RT: 14.57 min Scan# 1040

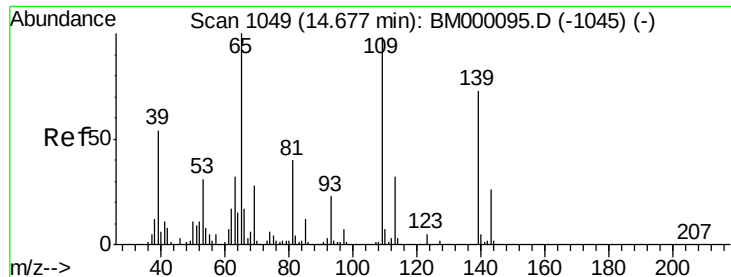
Delta R.T. -0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	184	Resp:	26424
Ion Ratio	Lower	Upper	
184	100		
63	81.4	56.1	84.1
154	85.6	68.2	102.4





#52

4-Nitrophenol

Concen: 6.37 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

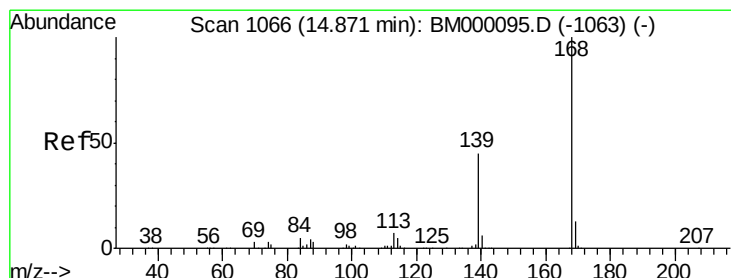
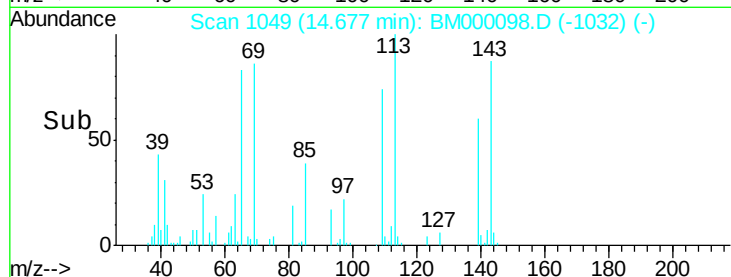
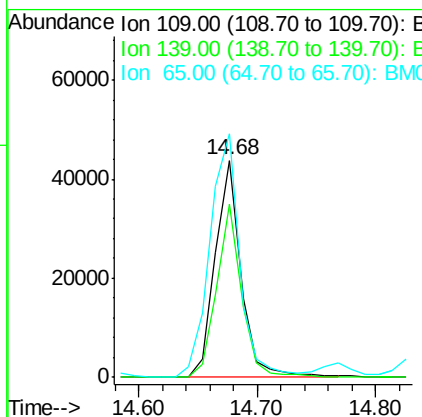
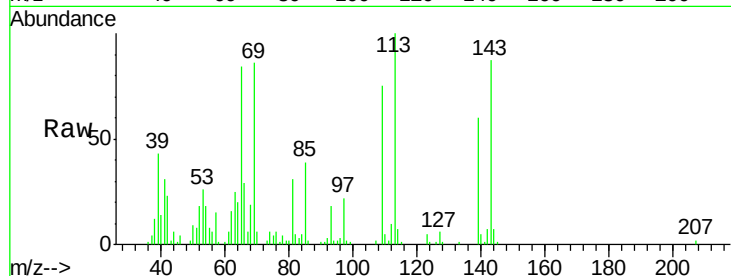
ClientSampleId :

MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	66189		
139	79.5	62.5	93.7	
65	112.0	88.7	133.1	

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#53

Dibenzofuran

Concen: 6.58 ng/ul

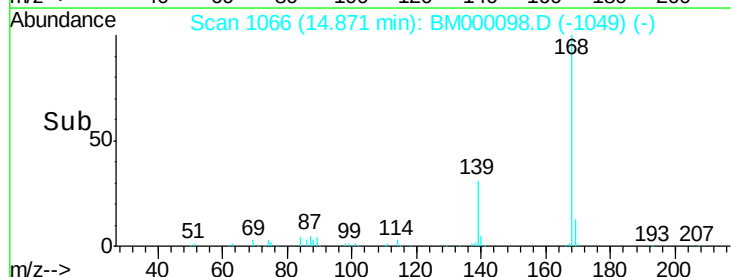
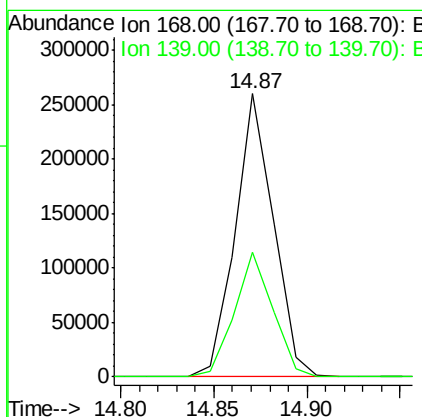
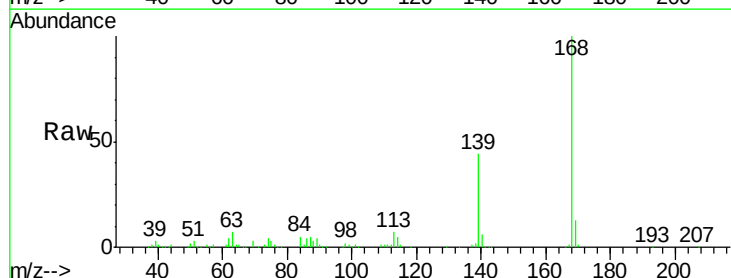
RT: 14.87 min Scan# 1066

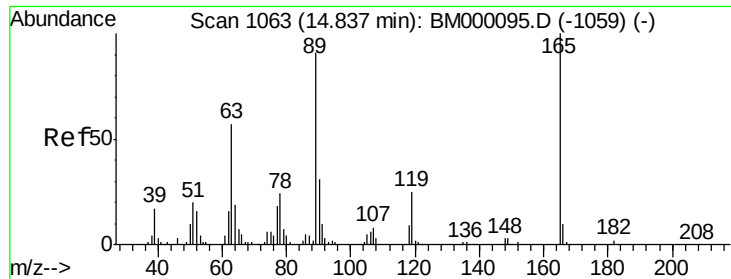
Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	370824		
139	44.0	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 6.47 ng/ul

RT: 14.84 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

ClientSampleId :

MDLWater-7

Tgt Ion:165 Resp: 83183
Ion Ratio Lower Upper

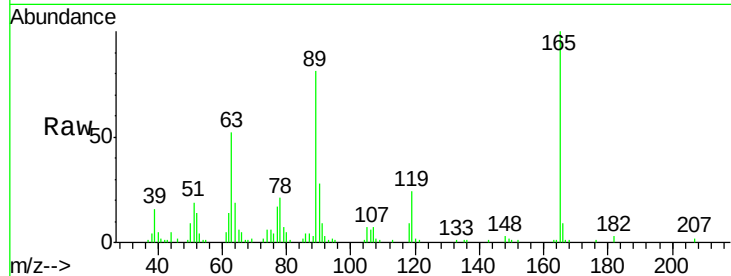
165 100

63 52.4 48.8 73.2

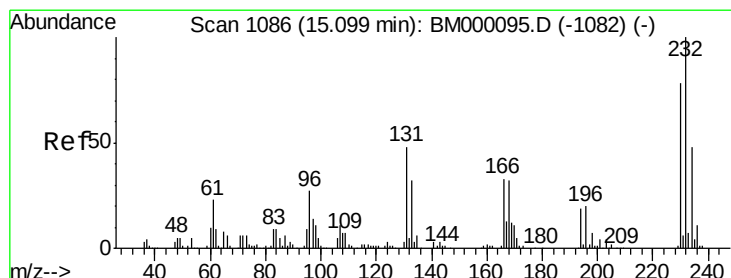
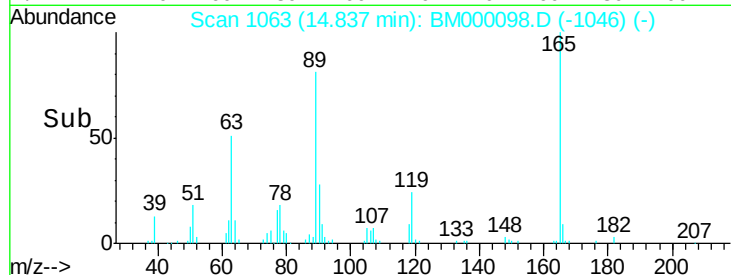
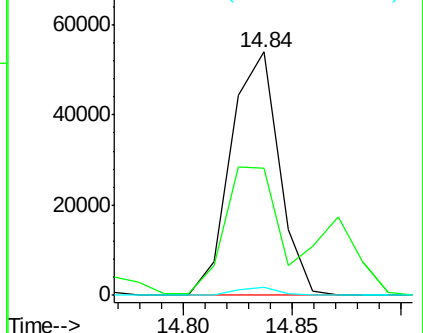
182 3.2 2.1 3.1#

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 6.54 ng/ul

RT: 15.10 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:232 Resp: 70987
Ion Ratio Lower Upper

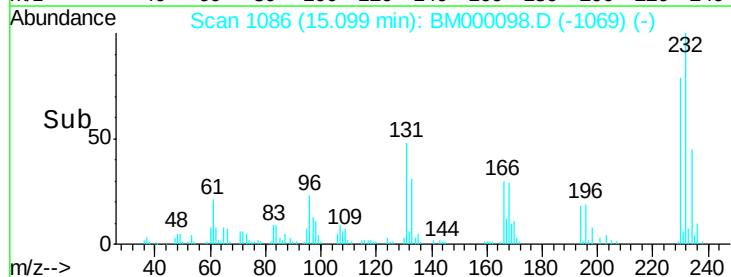
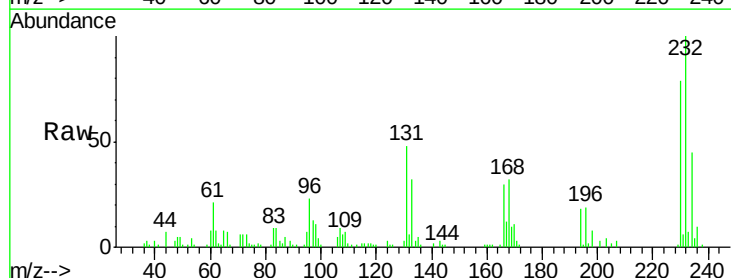
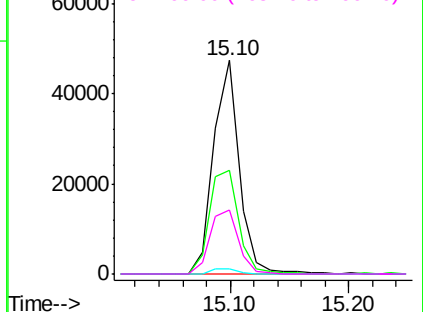
232 100

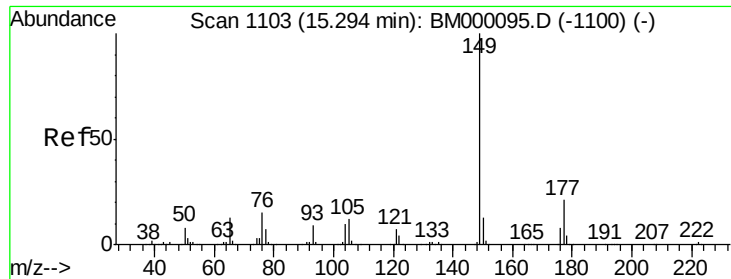
131 48.3 43.4 65.0

130 2.7 2.7 4.1#

166 30.1 28.2 42.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





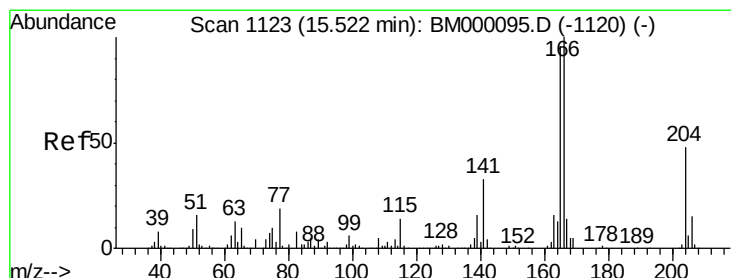
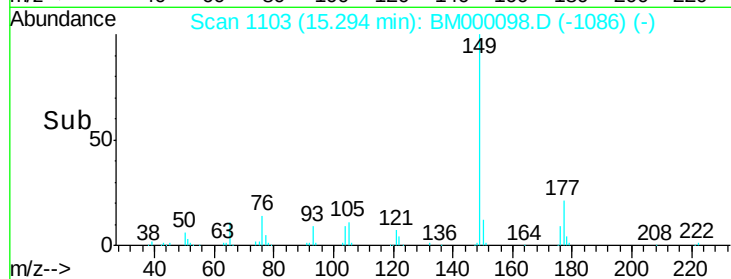
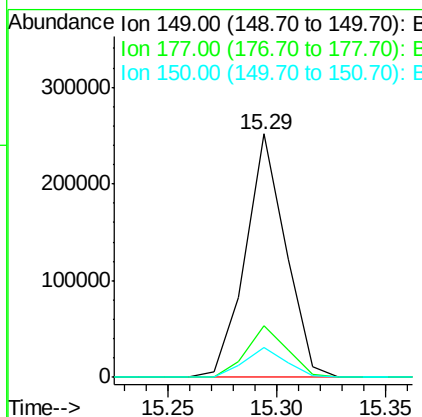
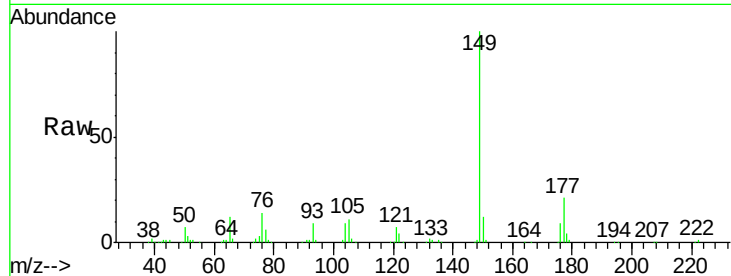
#56
Diethylphthalate
Concen: 6.40 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.4	26.2
150	12.3	10.5	15.7

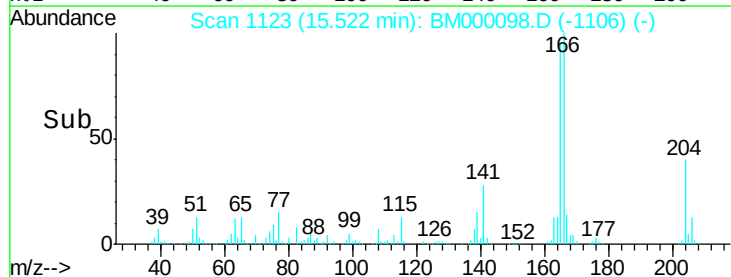
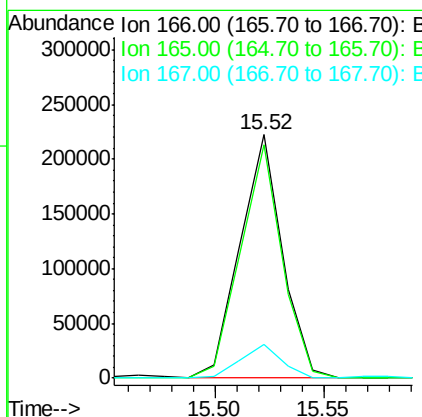
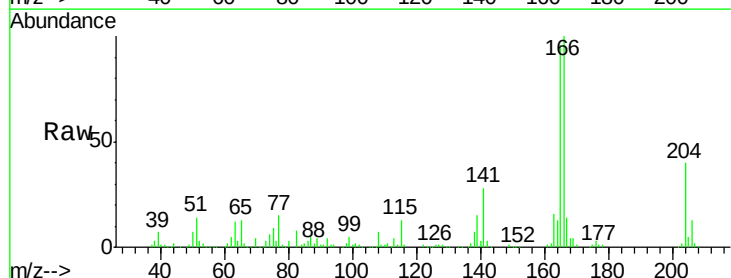
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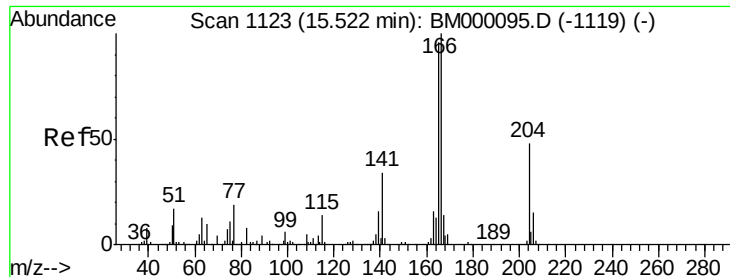
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#58
Fluorene
Concen: 6.42 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.0	114.0
167	13.7	10.2	15.4





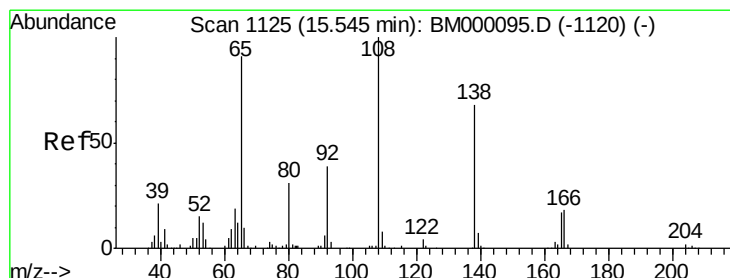
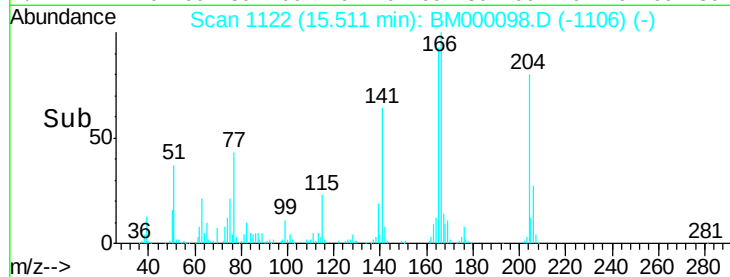
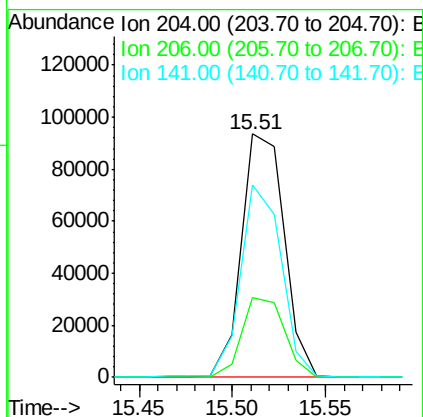
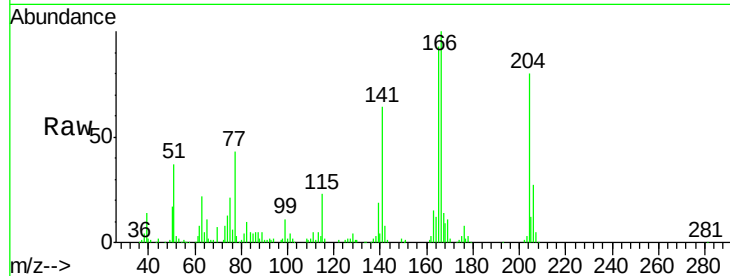
#59
4-Chlorophenyl-phenylether
Concen: 6.48 ng/ul
RT: 15.51 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	149500		
206	33.0	25.8	38.8	
141	79.1	61.3	91.9	

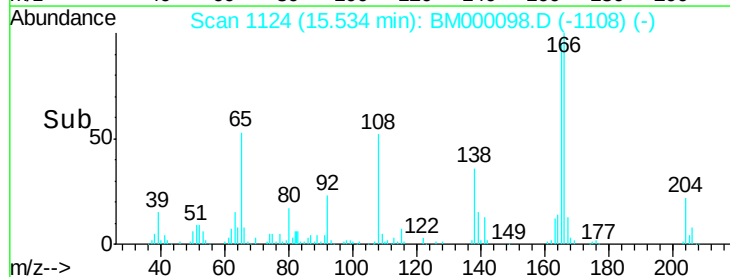
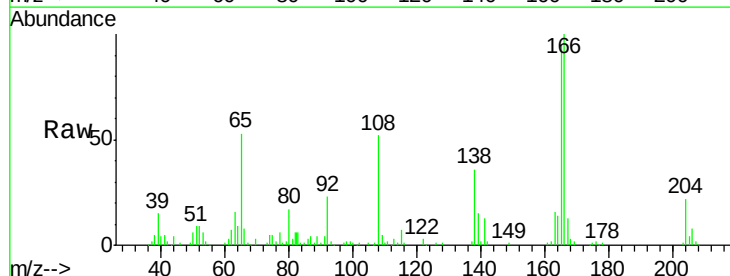
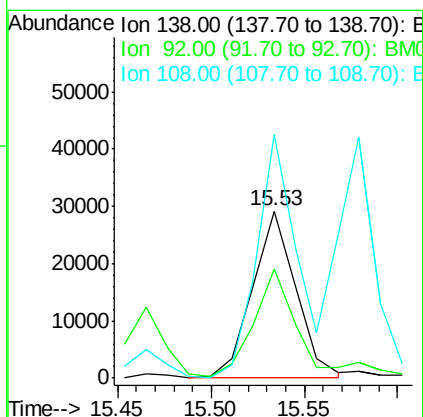
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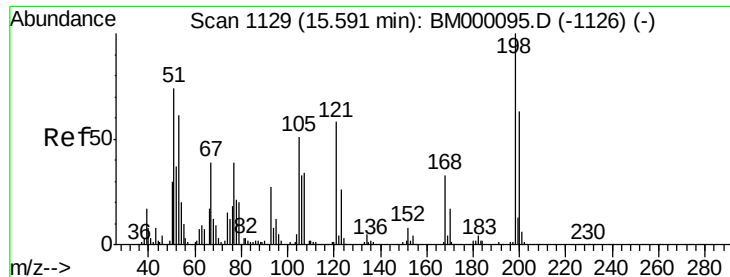
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#60
4-Nitroaniline
Concen: 4.73 ng/ul
RT: 15.53 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	47150		
92	65.1	49.3	73.9	
108	145.5	110.3	165.5	





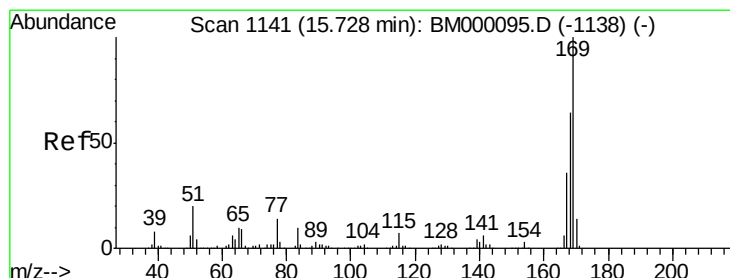
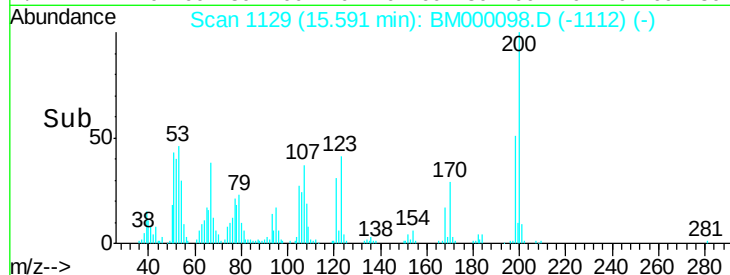
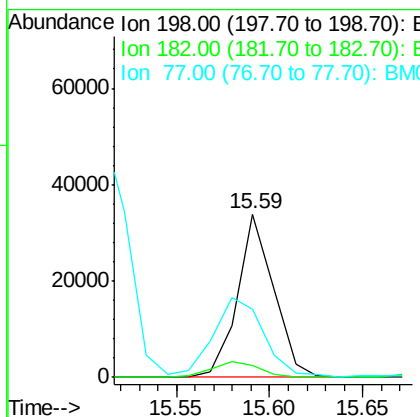
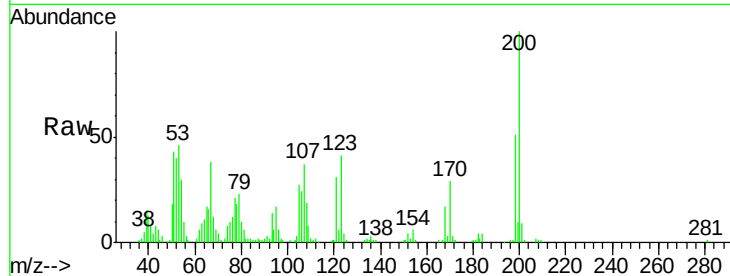
#63
 4,6-Dinitro-2-methylphenol
 Concen: 6.85 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45843		
182	7.7	2.6	4.0#	
77	42.0	25.2	37.8#	

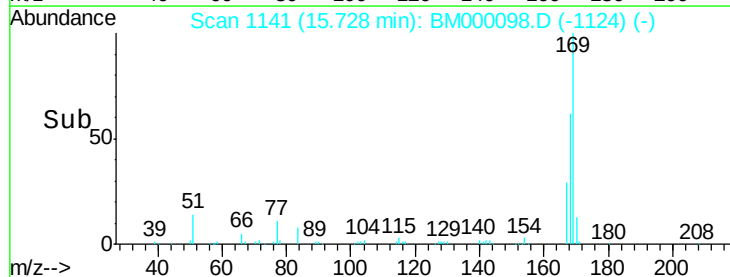
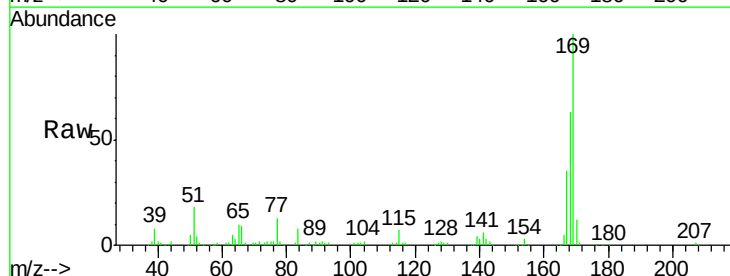
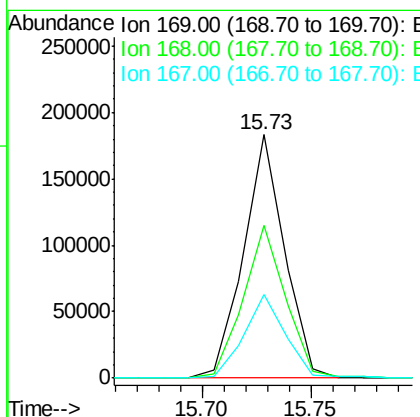
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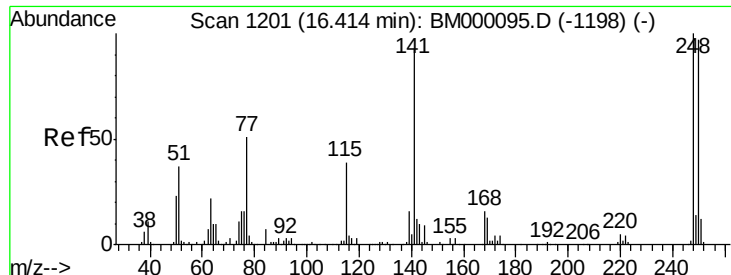
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#64
 N-Nitrosodiphenylamine
 Concen: 6.30 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	240725		
168	62.7	51.8	77.6	
167	34.5	28.1	42.1	





#65

4-Bromophenyl-phenylether

Concen: 6.58 ng/ul

RT: 16.41 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BM000098.D

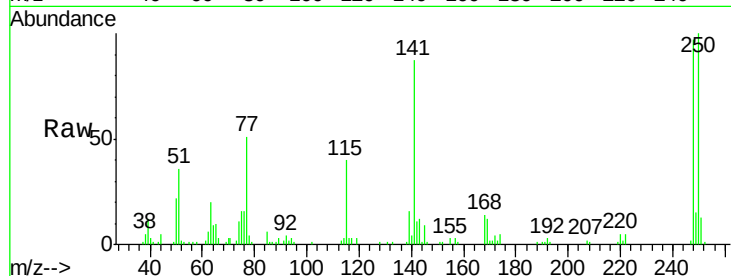
Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

ClientSampled :

MDLWater-7



Tgt Ion:248 Resp: 88392

Ion Ratio Lower Upper

248 100

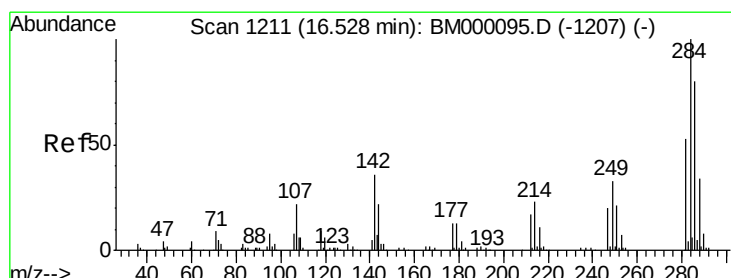
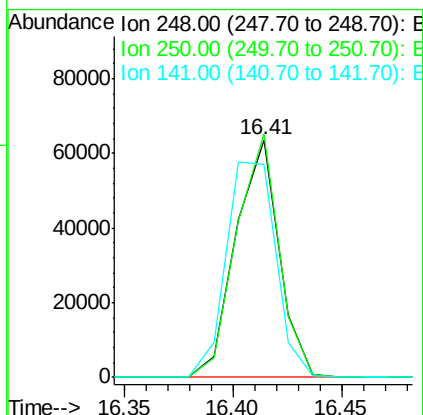
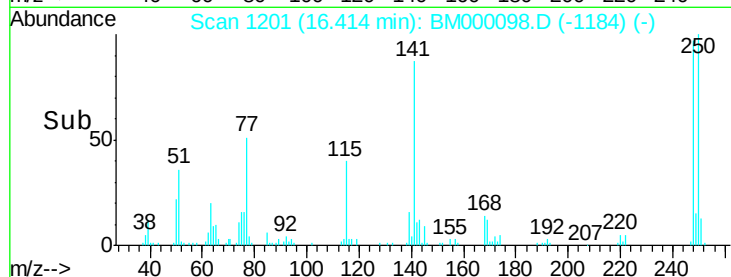
250 102.6 78.4 117.6

141 89.7 67.0 100.4

Manual Integrations

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#66

Hexachlorobenzene

Concen: 6.73 ng/ul

RT: 16.52 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

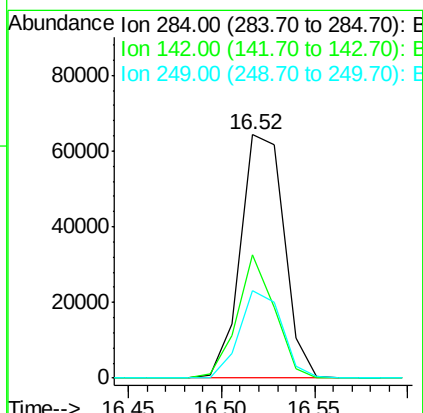
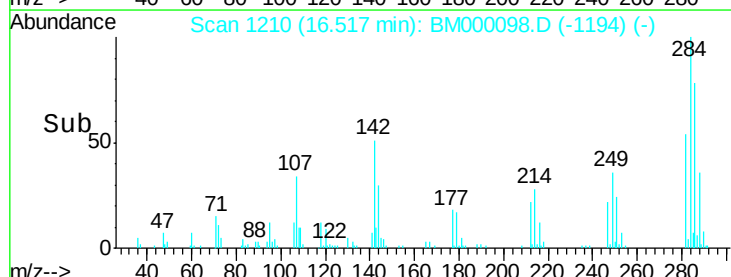
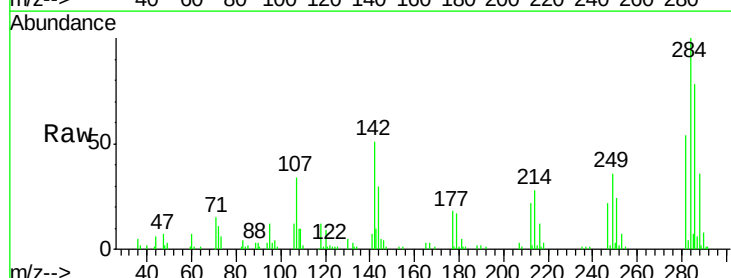
Tgt Ion:284 Resp: 104253

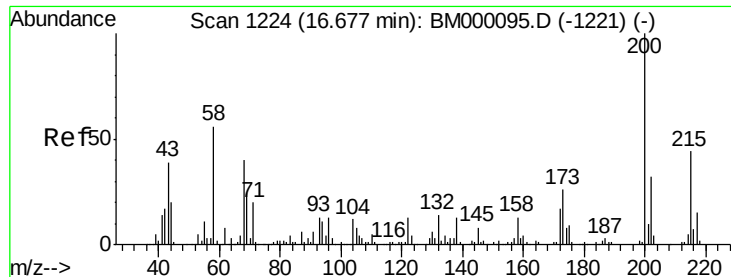
Ion Ratio Lower Upper

284 100

142 50.7 32.4 48.6#

249 36.0 26.7 40.1





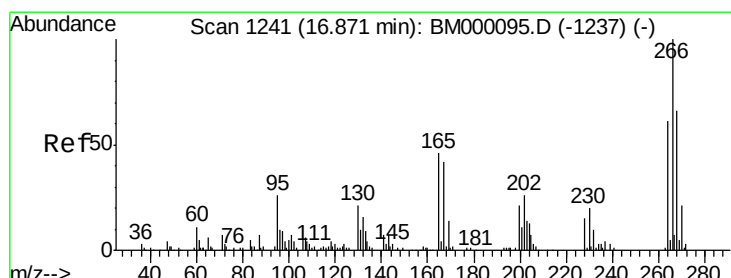
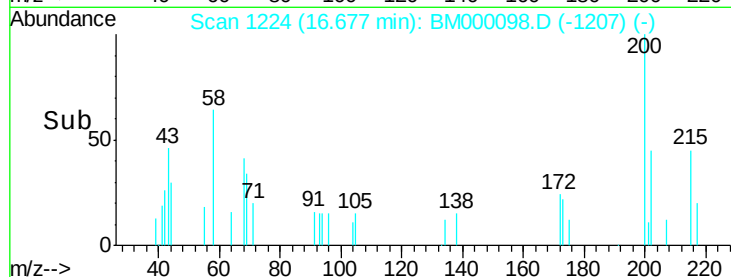
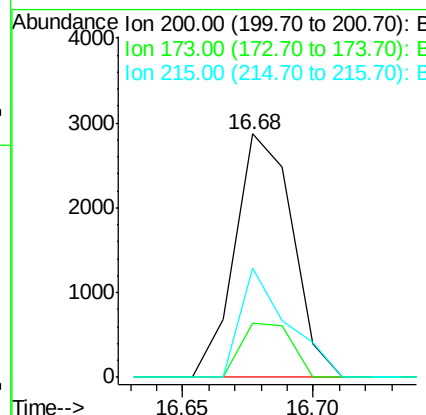
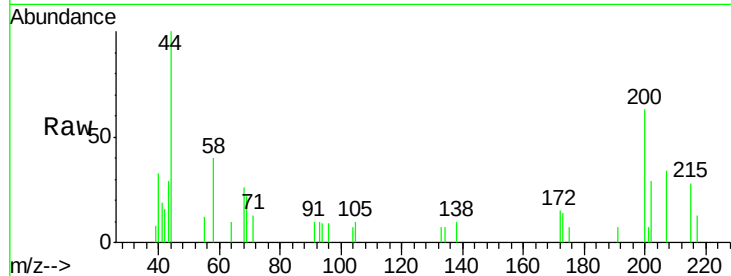
#67
 Atrazine
 Concen: 0.29 ng/ul
 RT: 16.68 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	4415		
173	22.4	19.5	29.3	
215	44.9	36.6	54.8	

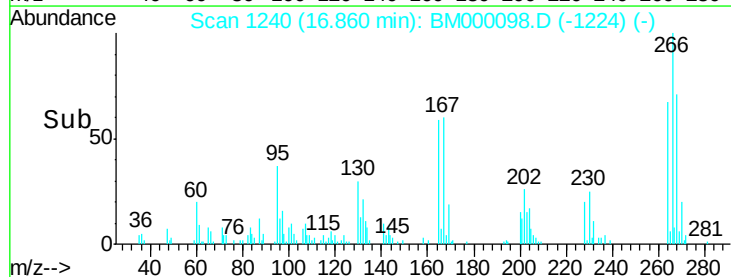
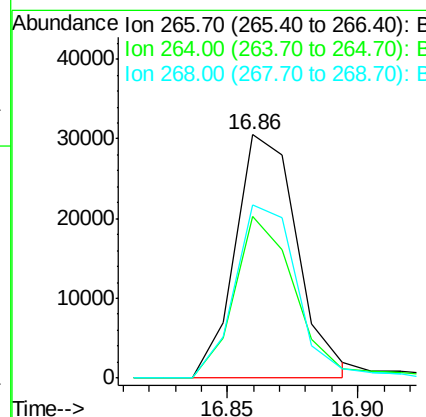
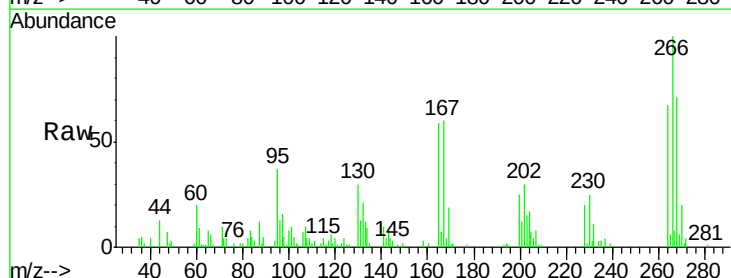
Manual Integrations
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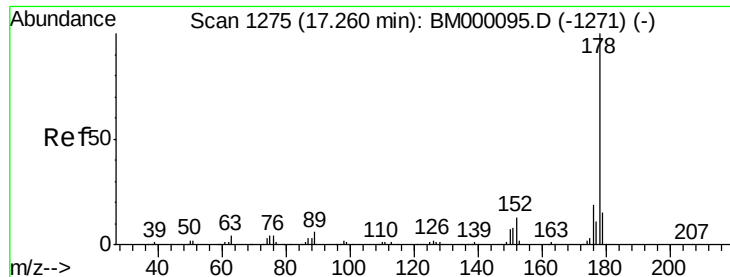
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#68
 Pentachlorophenol
 Concen: 5.40 ng/ul
 RT: 16.86 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	50843		
264	66.7	49.8	74.6	
268	71.2	48.2	72.4	





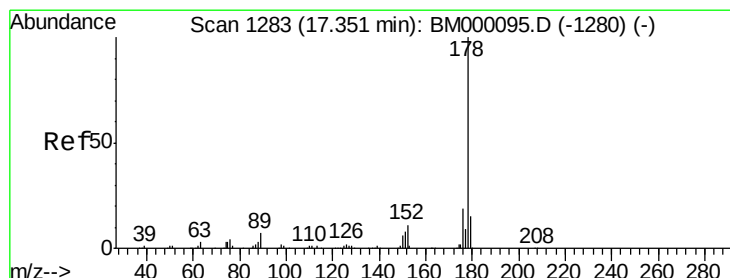
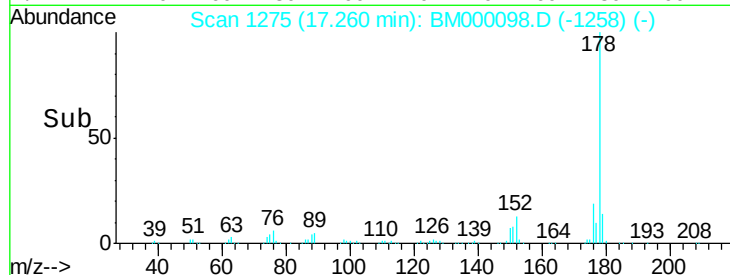
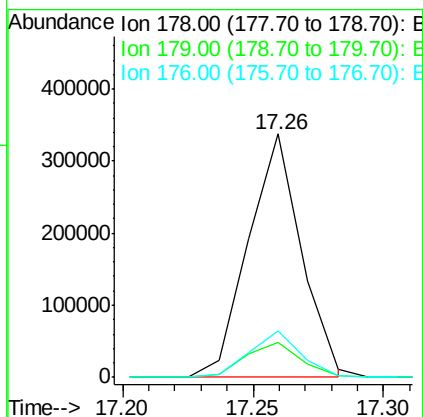
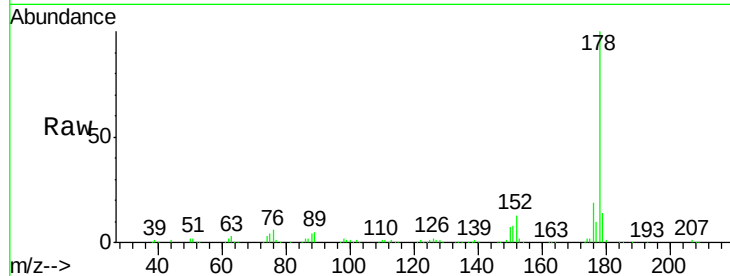
#69
Phenanthrene
Concen: 6.67 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.6	17.4
176	19.1	14.6	22.0

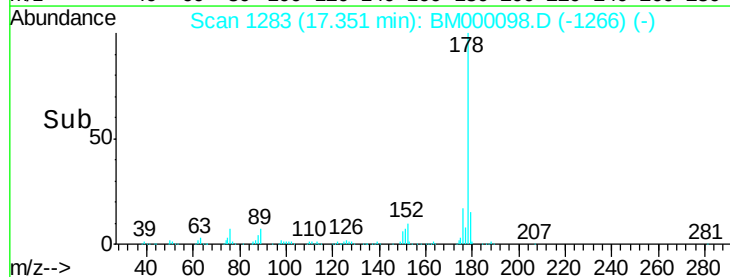
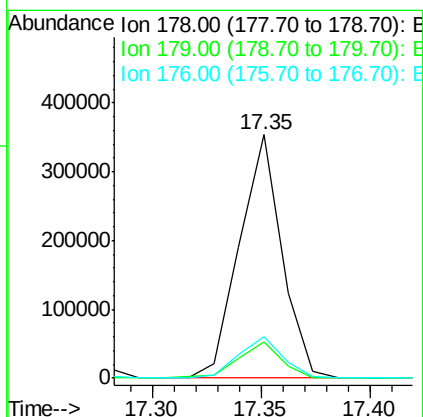
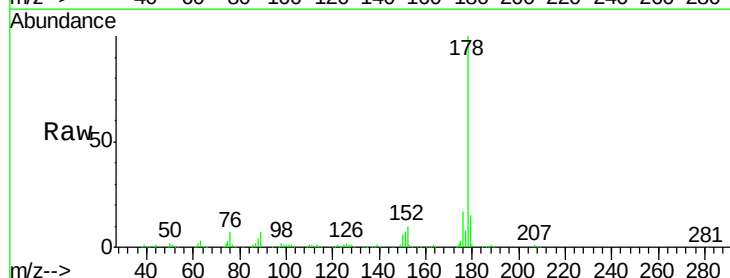
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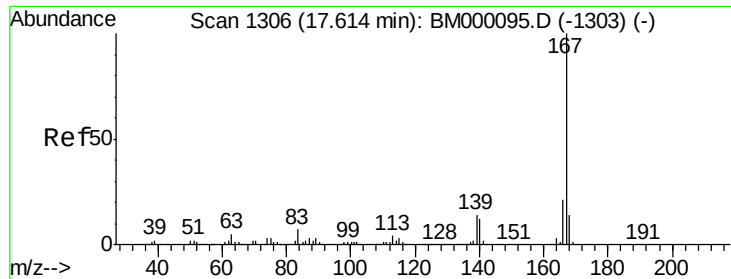
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#71
Anthracene
Concen: 6.47 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	18.8
176	17.2	14.6	21.8





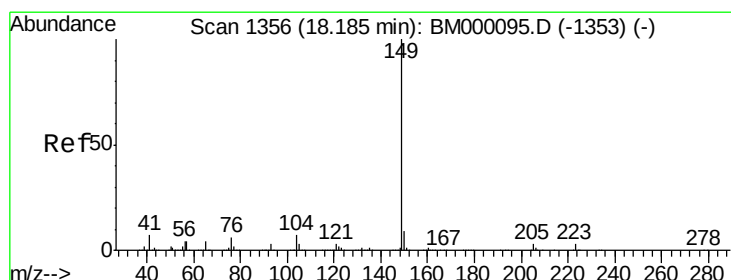
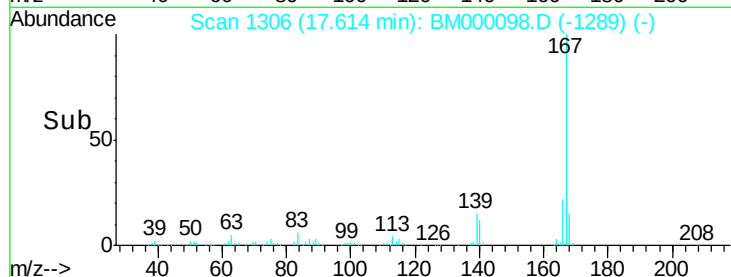
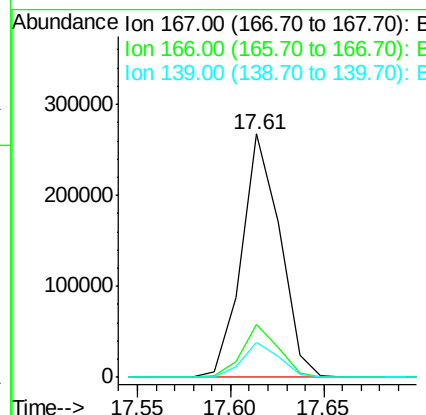
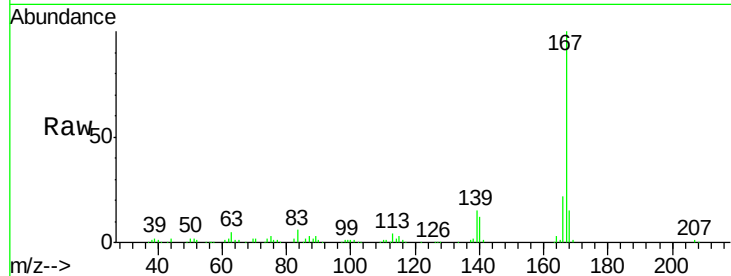
#72
 Carbazole
 Concen: 5.79 ng/ul
 RT: 17.61 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-7

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	382551		
166	21.6	16.2	24.4	
139	14.6	10.7	16.1	

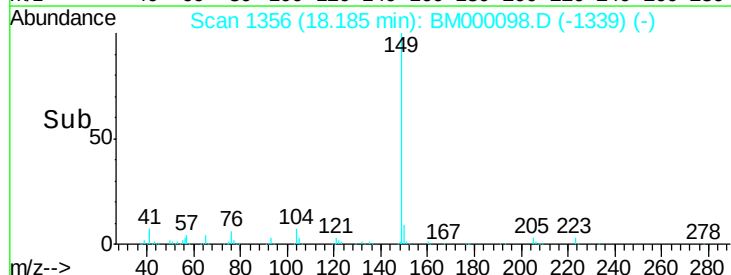
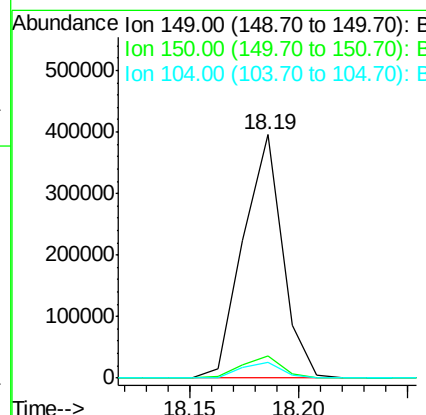
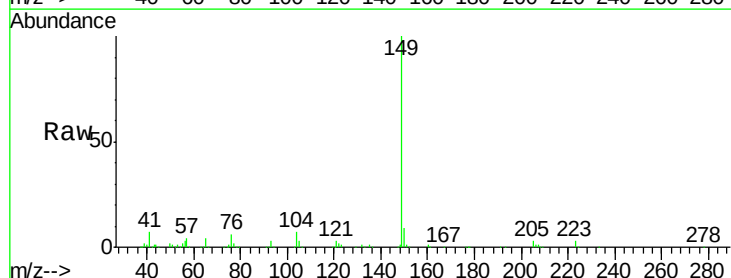
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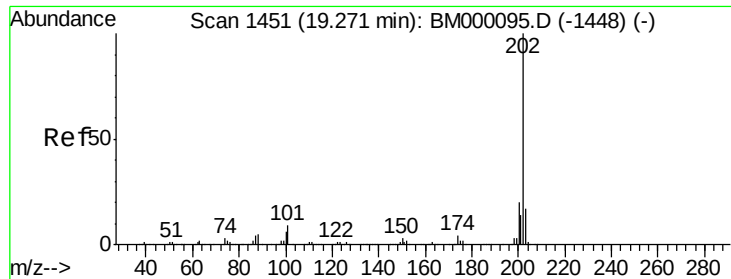
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#73
 Di-n-butylphthalate
 Concen: 6.31 ng/ul
 RT: 18.19 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BM000098.D
 Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497594		
150	9.0	7.1	10.7	
104	6.7	4.8	7.2	





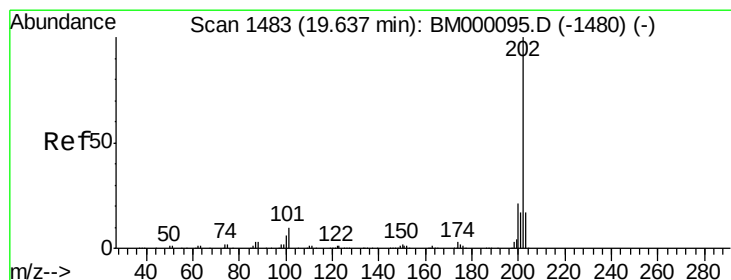
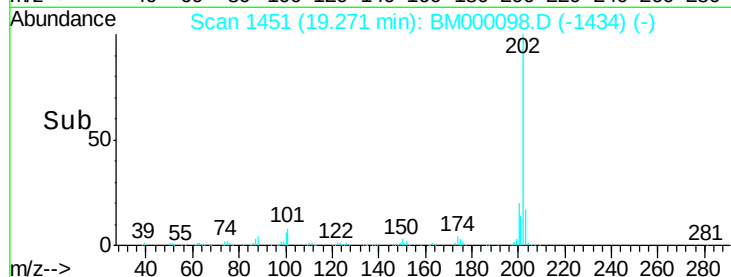
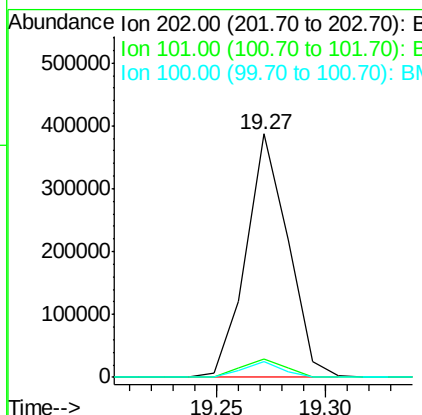
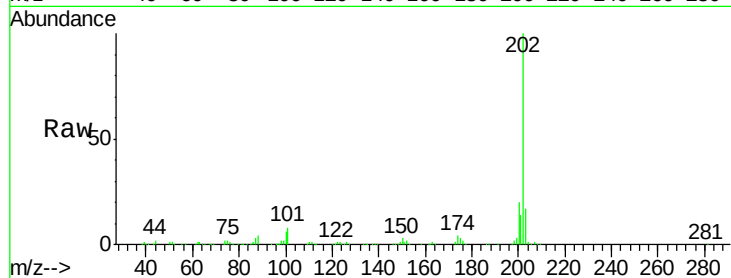
#74
Fluoranthene
Concen: 6.36 ng/ul
RT: 19.27 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.5	6.4	9.6
100	6.5	4.6	7.0

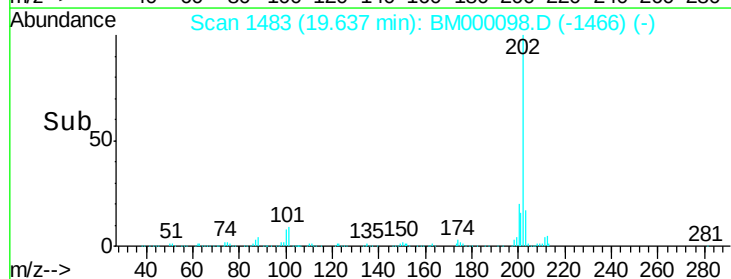
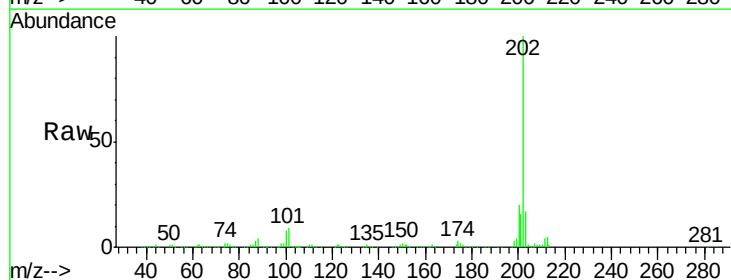
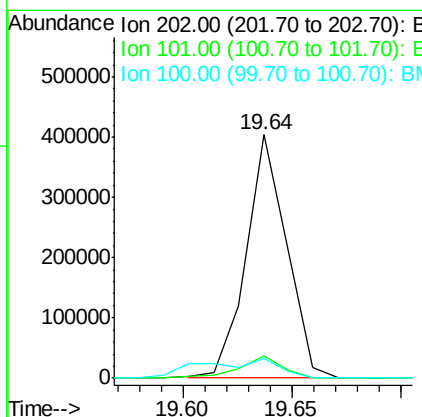
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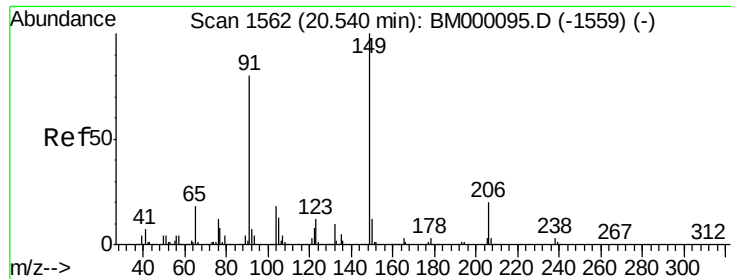
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#77
Pyrene
Concen: 7.63 ng/ul
RT: 19.64 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	6.9	10.3
100	7.8	5.5	8.3





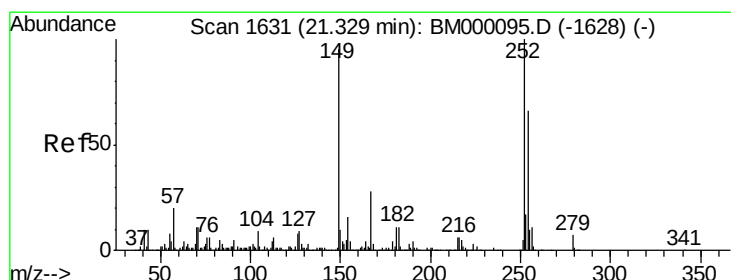
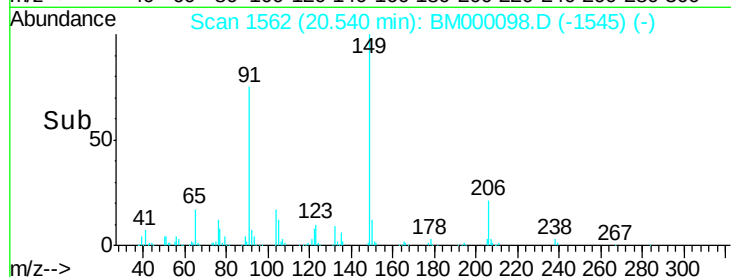
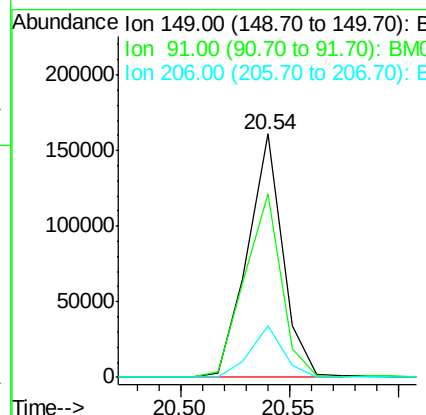
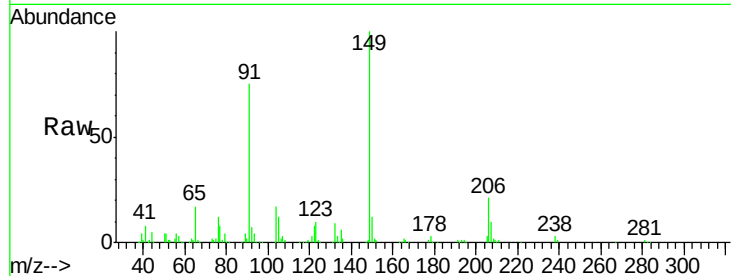
#78
Butylbenzylphthalate
Concen: 6.61 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.3	56.6	84.8
206	21.2	16.8	25.2

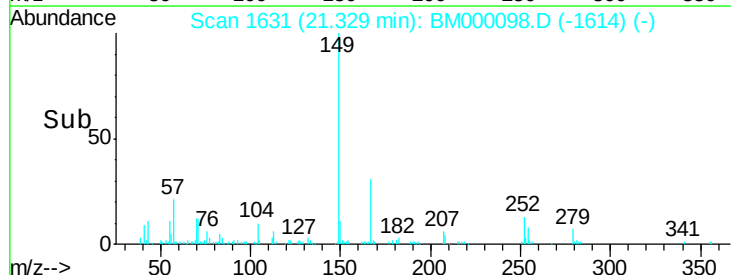
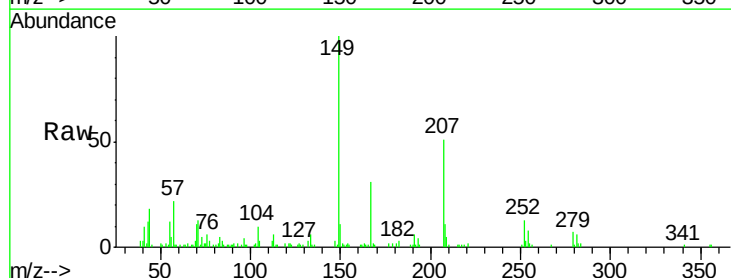
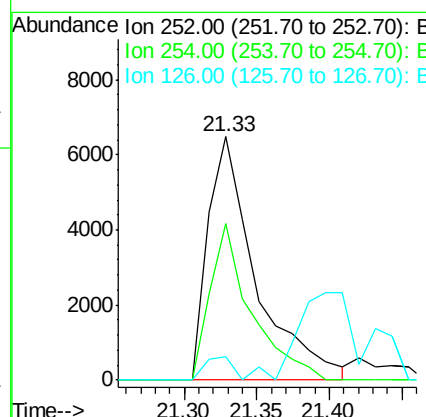
Manual Integrations
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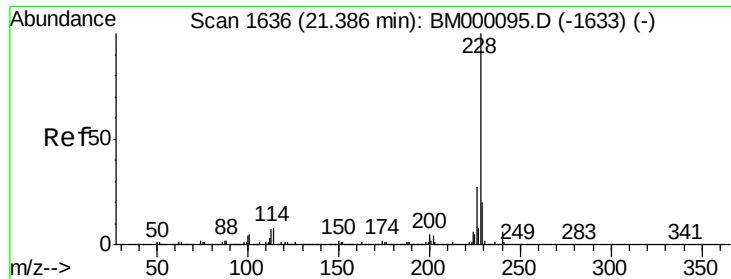
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#79
3,3'-Dichlorobenzidine
Concen: 0.72 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	51.2	76.8
126	9.7	7.9	11.9





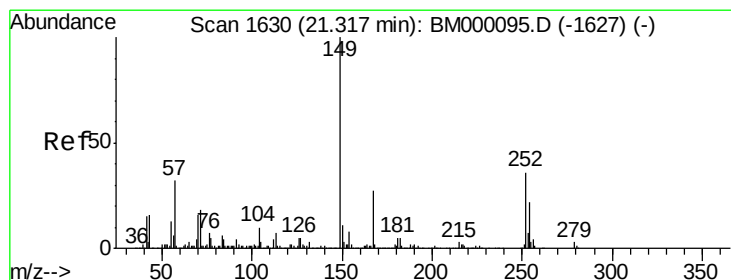
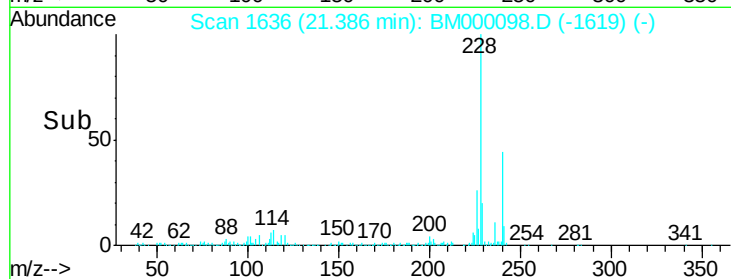
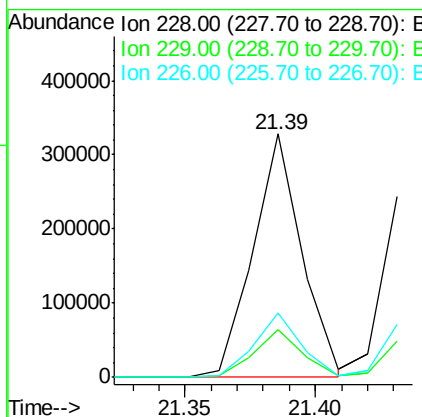
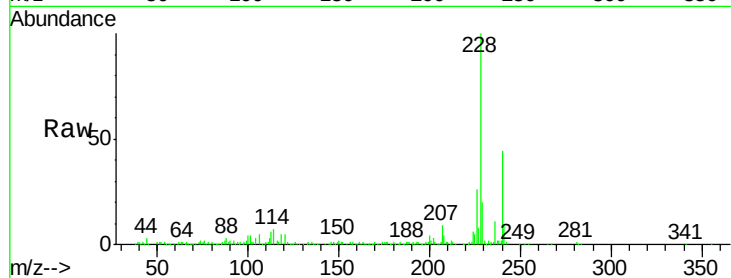
#80
Benzo(a)anthracene
Concen: 6.56 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	26.4	20.7	31.1

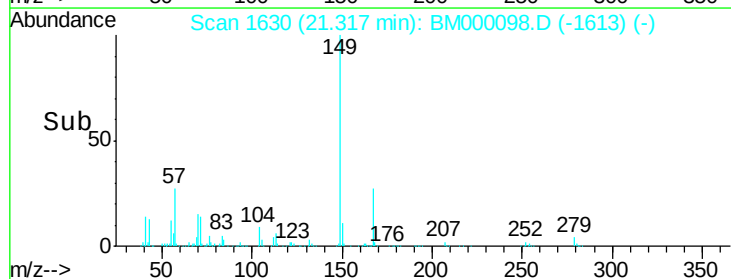
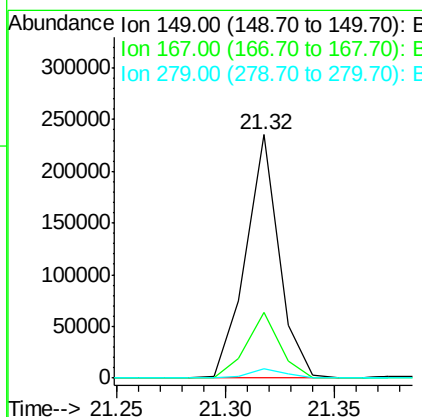
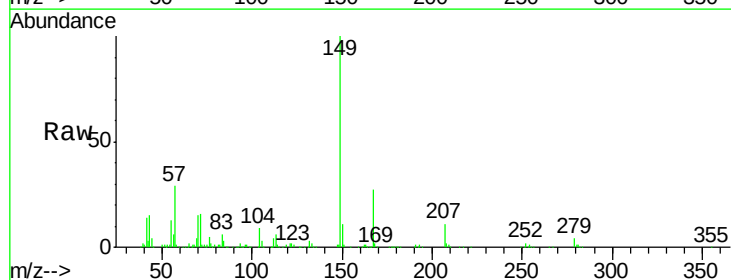
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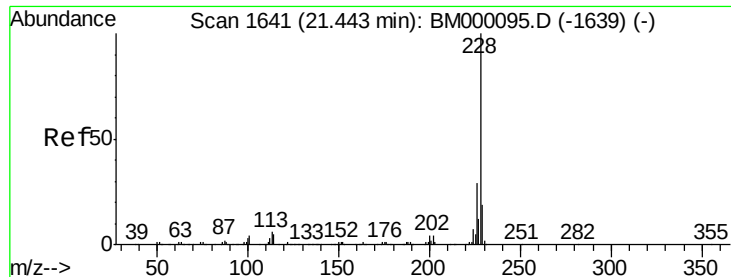
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.25 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	3.7	3.0	4.6





#82

Chrysene

Concen: 6.72 ng/ul

RT: 21.44 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

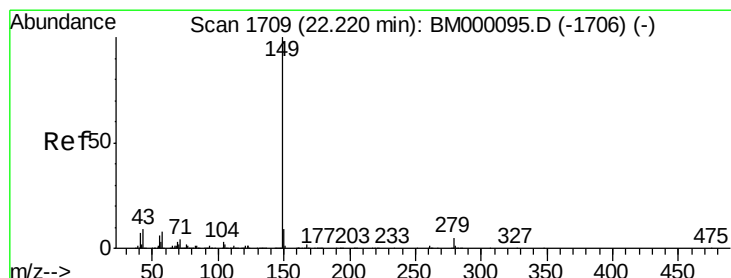
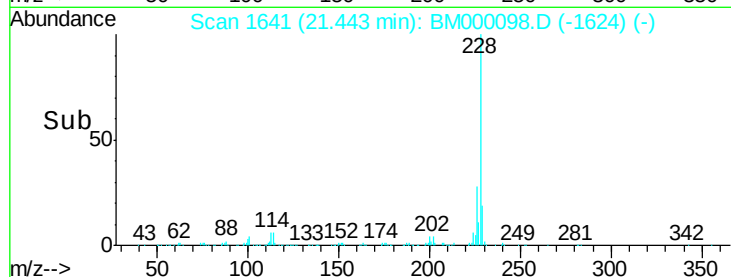
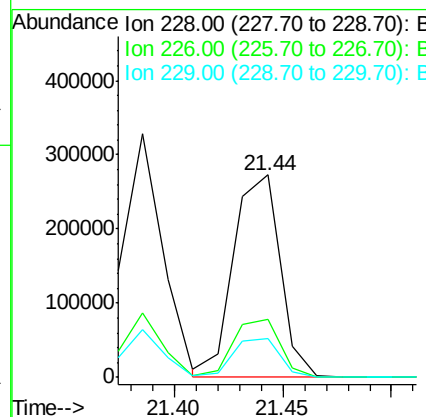
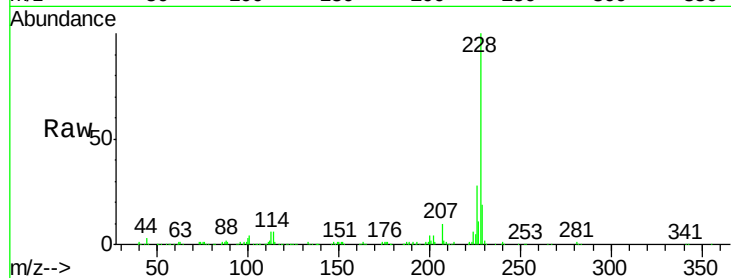
ClientSampleId :

MDLWater-7

Tgt Ion:	228	Resp:	403524
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.4
229	19.0	15.6	23.4

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#84

Di-n-octyl phthalate

Concen: 6.70 ng/ul

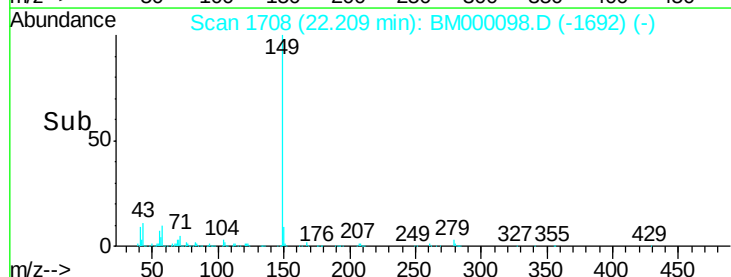
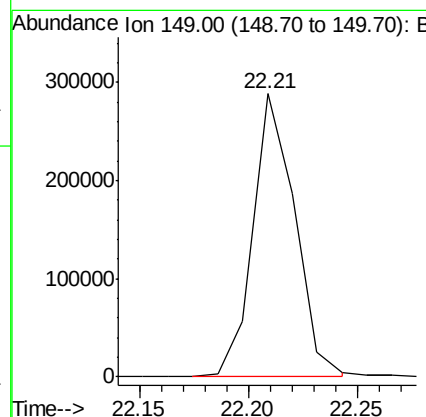
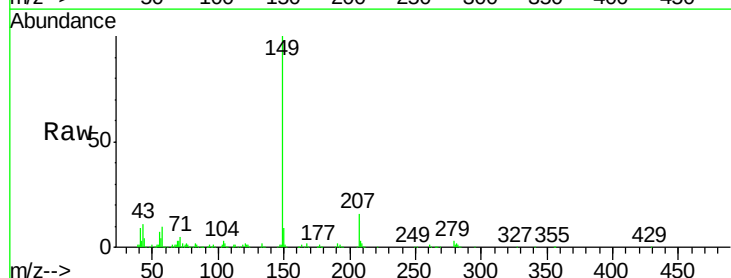
RT: 22.21 min Scan# 1708

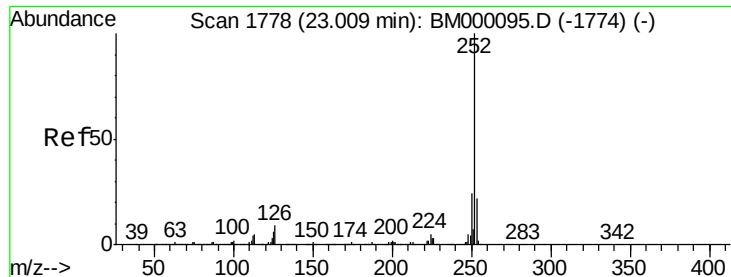
Delta R.T. -0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:149 Resp: 383491





#85

Benzo(b)fluoranthene

Concen: 7.72 ng/ul

RT: 23.01 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

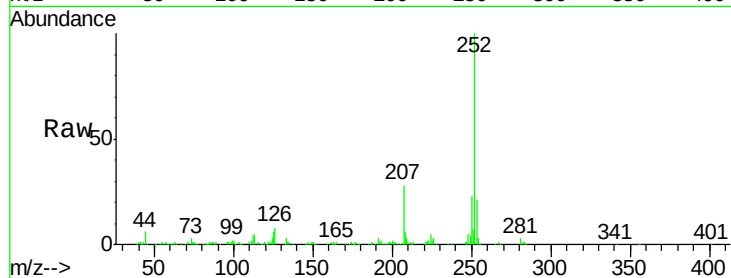
ClientSampleId :

MDLWater-7

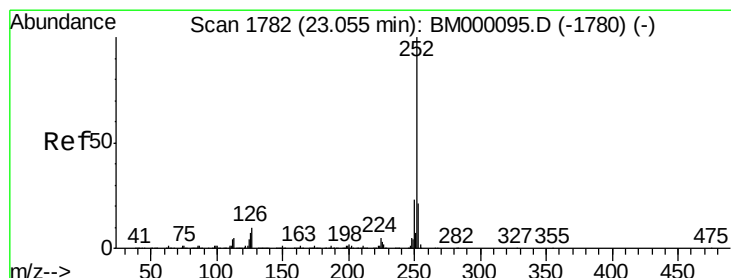
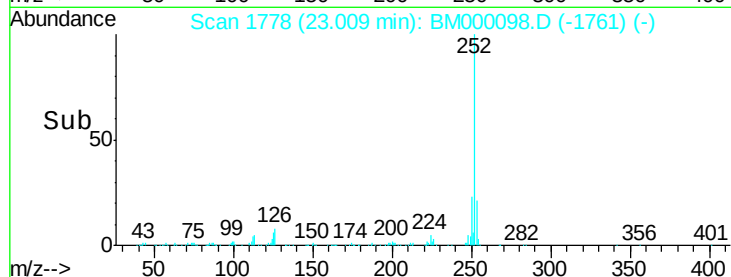
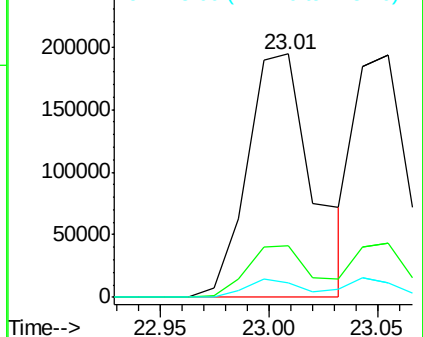
Tgt	Ion	252	Resp:	410245
Ion	Ratio	Lower	Upper	
252	100			
253	21.3	17.1	25.7	
125	6.2	4.8	7.2	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 6.98 ng/ul

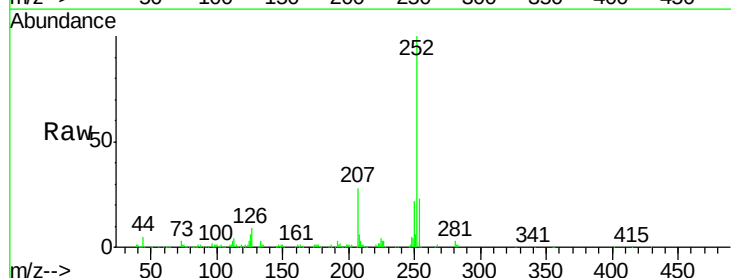
RT: 23.05 min Scan# 1782

Delta R.T. -0.00 min

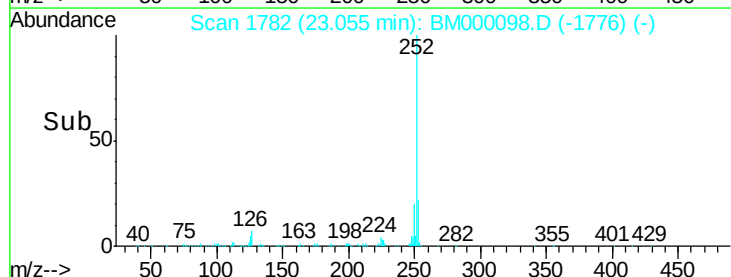
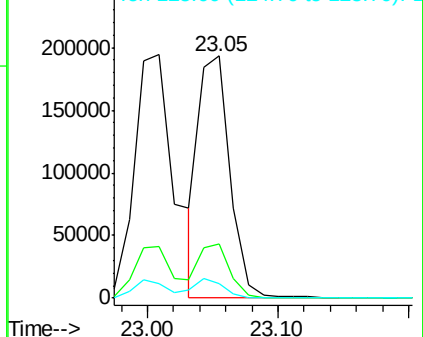
Lab File: BM000098.D

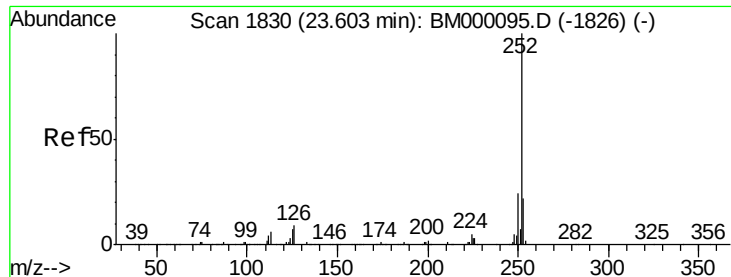
Acq: 31 Dec 2014 16:41

Tgt	Ion	252	Resp:	316738
Ion	Ratio	Lower	Upper	
252	100			
253	22.6	17.2	25.8	
125	6.0	4.9	7.3	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 7.42 ng/ul

RT: 23.59 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM000098.D

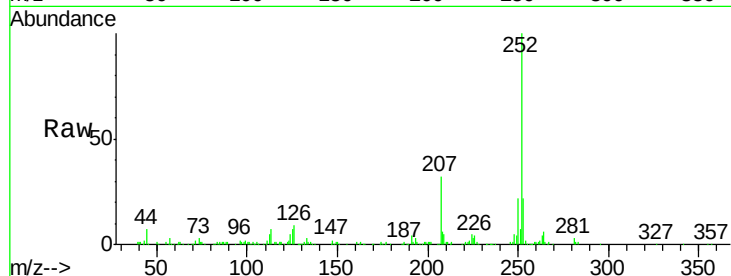
Acq: 31 Dec 2014 16:41

Instrument :

BNA_M

ClientSampleId :

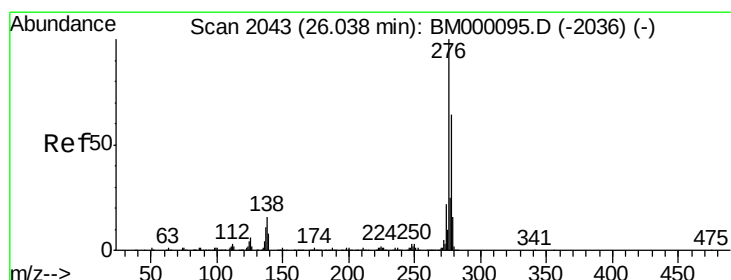
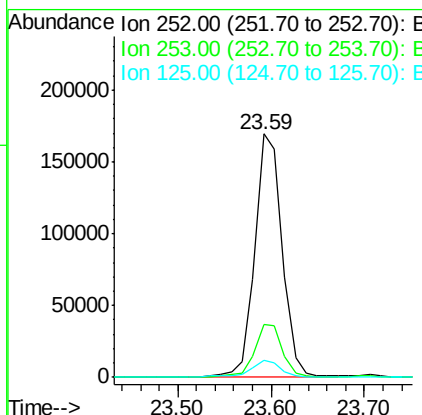
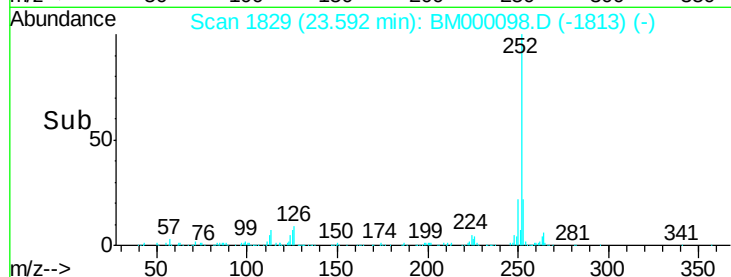
MDLWater-7



Tgt Ion:	252	Resp:	346177
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	7.2	5.8	8.6

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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.99 ng/ul

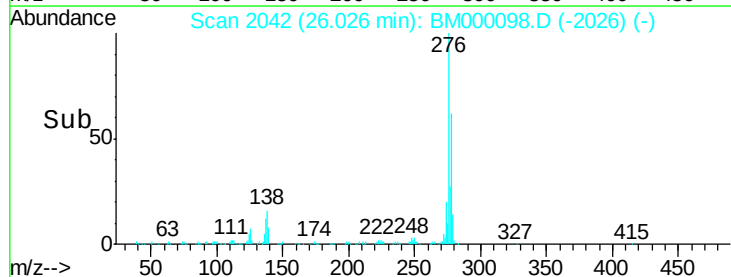
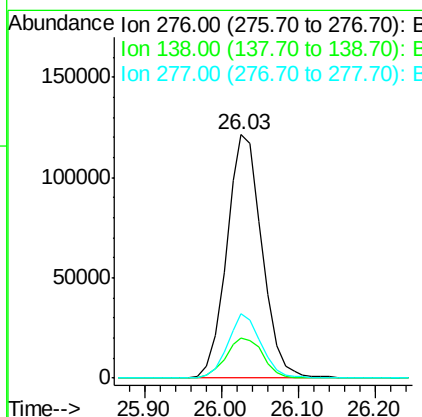
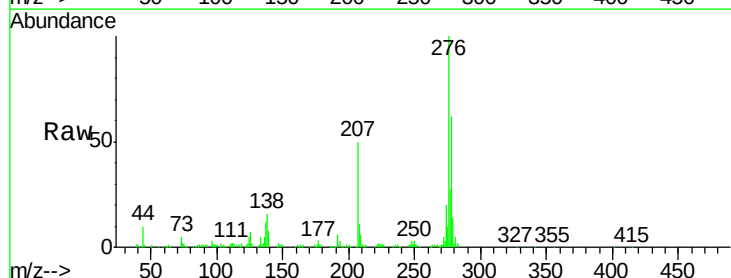
RT: 26.03 min Scan# 2042

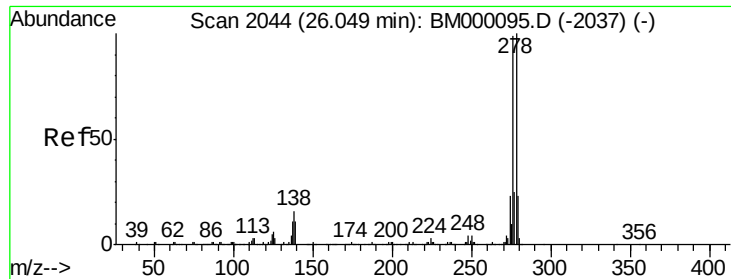
Delta R.T. -0.01 min

Lab File: BM000098.D

Acq: 31 Dec 2014 16:41

Tgt Ion:	276	Resp:	388983
Ion Ratio	Lower	Upper	
276	100		
138	16.4	14.2	21.2
277	26.6	18.8	28.2





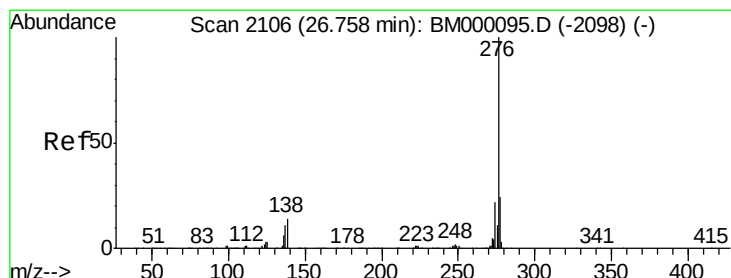
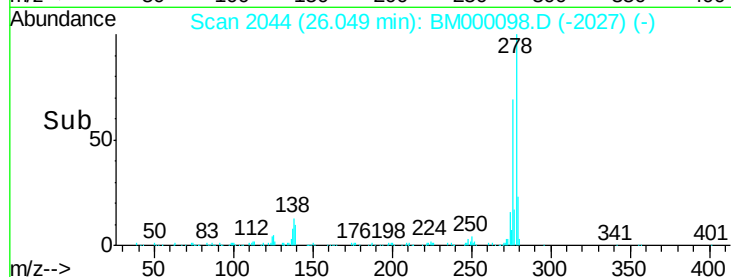
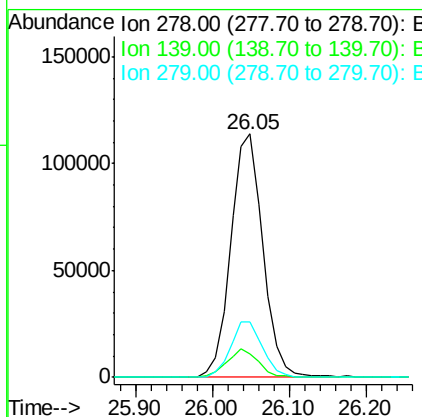
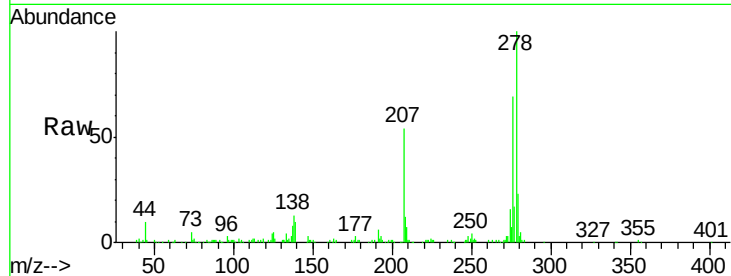
#90
Dibenzo(a,h)anthracene
Concen: 8.11 ng/ul
RT: 26.05 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	10.2	15.2#
279	22.7	19.2	28.8

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#91
Benzo(g,h,i)perylene
Concen: 8.05 ng/ul
RT: 26.75 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM000098.D
Acq: 31 Dec 2014 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	12.1	18.1
277	23.6	19.0	28.4

