

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000061.D
 Acq On : 29 Dec 2014 16:11
 Operator : TP
 Sample : MDL-04-W
 Misc : MDL--WATER-4PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Manual Integrations
 APPROVED

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 1/7/2015 9:20:15 AM

Quant Time: Dec 30 13:34:28 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 29 13:41:14 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	199822	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	822371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1105984	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	983730	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	665509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	17873	5.19	ng/uL	0.00
5) Phenol-d5	7.01	99	607019m	35.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	338065	31.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	443743	36.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	457831	33.48	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	190848	33.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.73	143	201910	34.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	435830m	33.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	343035	23.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1341112	31.44	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1583359	30.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	181053	26.28	ng/ul	0.00
57) Fluorene-d10	15.48	176	1131425	30.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	150037	27.35	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1609940	31.48	ng/ul	0.00
76) Pyrene-d10	19.61	212	1603445	35.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	929856	30.96	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	13947	2.92	ng/uL	98
4) Benzaldehyde	6.98	77	17836	1.65	ng/ul	85
6) Phenol	7.03	94	53987	3.00	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.27	93	40778	2.96	ng/ul	99
10) 2-Chlorophenol	7.41	128	38534	2.99	ng/ul	94
11) 2-Methylphenol	8.28	108	38704	2.78	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	64581	2.91	ng/ul	99
14) Acetophenone	8.66	105	59798	2.56	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	31461	2.57	ng/ul	91
16) 4-Methylphenol	8.61	108	43453	2.89	ng/ul	99
17) Hexachloroethane	8.93	117	16075	2.73	ng/ul	91
20) Nitrobenzene	9.04	77	50905	3.00	ng/ul	93
21) Isophorone	9.57	82	85359	2.61	ng/ul	98
23) 2-Nitrophenol	9.75	139	17566	2.74	ng/ul	90
24) 2,4-Dimethylphenol	9.81	107	49915	2.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	49847	2.74	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	38577	3.01	ng/ul#	78
28) Naphthalene	10.69	128	117595	2.80	ng/ul	98
30) 4-Chloroaniline	10.80	127	32562m	2.16	ng/ul	
31) Hexachlorobutadiene	10.97	225	26771	2.95	ng/ul	98
32) Caprolactam	11.58	113	8819	2.07	ng/ul	92
33) 4-Chloro-3-methylphenol	11.91	107	40249	2.56	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	85516	2.75	ng/ul	99

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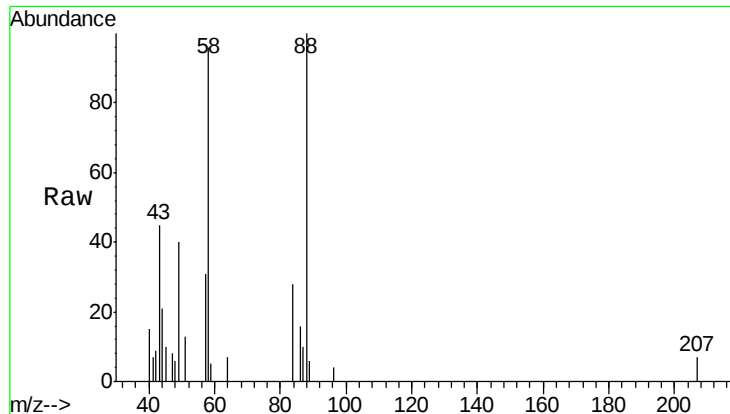
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	46125	2.88	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	23558	2.22	ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	26643	2.60	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	29063	2.62	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	111798	2.68	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	90187	2.82	ng/ul	96
42) 2-Nitroaniline	13.56	65	23149	2.24	ng/ul	91
44) Dimethylphthalate	13.93	163	115368	2.72	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	17190	2.26	ng/ul#	88
47) Acenaphthylene	14.20	152	145931	2.71	ng/ul	99
48) 3-Nitroaniline	14.38	138	10314	1.33	ng/ul#	91
49) Acenaphthene	14.54	153	92402	2.69	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	6767	1.75	ng/ul	96
52) 4-Nitrophenol	14.68	109	20942	2.29	ng/ul	98
53) Dibenzofuran	14.88	168	140260	2.82	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	25095	2.21	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	22828	2.38	ng/ul#	97
56) Diethylphthalate	15.31	149	113983	2.55	ng/ul	98
58) Fluorene	15.52	166	112815	2.73	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	55371	2.72	ng/ul	100
60) 4-Nitroaniline	15.53	138	14761	1.68	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.59	198	14576	2.60	ng/ul#	6
64) N-Nitrosodiphenylamine	15.74	169	80942	2.52	ng/ul	94
65) 4-Bromophenyl-phenylether	16.41	248	32731	2.90	ng/ul	88
66) Hexachlorobenzene	16.53	284	38200	2.94	ng/ul	97
68) Pentachlorophenol	16.87	266	16407m	2.08	ng/ul	
69) Phenanthrene	17.26	178	171049	2.86	ng/ul	99
71) Anthracene	17.35	178	167061	2.71	ng/ul	99
72) Carbazole	17.63	167	122107	2.20	ng/ul	99
73) Di-n-butylphthalate	18.19	149	157690	2.38	ng/ul	99
74) Fluoranthene	19.28	202	183136	2.67	ng/ul	99
77) Pyrene	19.65	202	186437	3.14	ng/ul	98
78) Butylbenzylphthalate	20.54	149	54901	2.28	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.34	252	6538	0.36	ng/ul#	97
80) Benzo(a)anthracene	21.39	228	161820	2.85	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	75510	2.15	ng/ul#	99
82) Chrysene	21.44	228	145829	2.79	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	118397	2.59	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	139587	3.29	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	130269	3.59	ng/ul#	99
88) Benzo(a)pyrene	23.60	252	130752	3.50	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	142545	3.66	ng/ul	96
90) Dibenzo(a,h)anthracene	26.06	278	123774	3.78	ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	116770	3.65	ng/ul	98

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



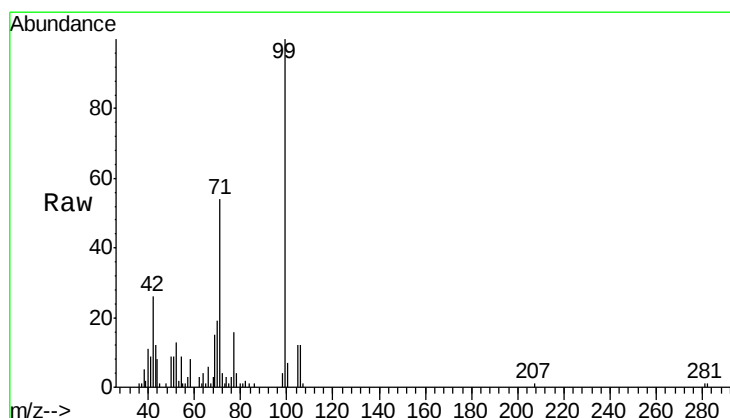
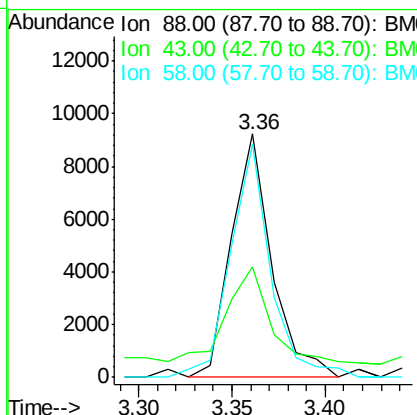
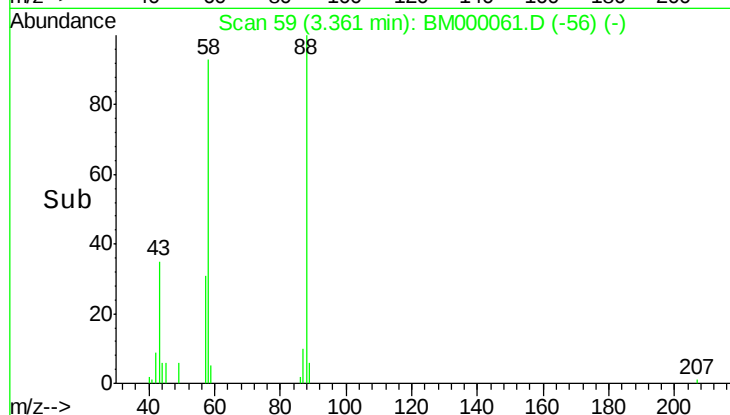
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 1,4-Dioxane
 Concen: 2.92 ng/uL
 RT: 3.36 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	88	Resp:	13947
Ion	Ratio	Lower	Upper
88	100		
43	45.4	34.9	52.3
58	83.0	67.3	100.9

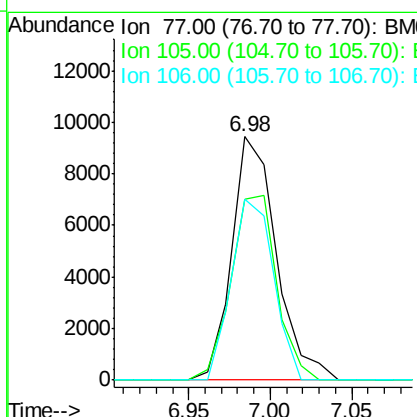
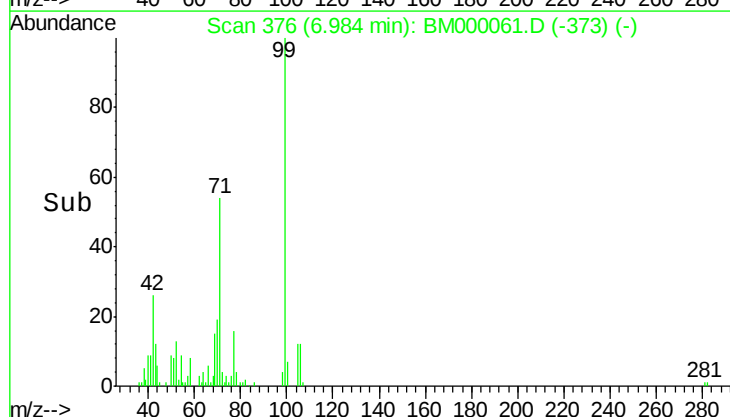
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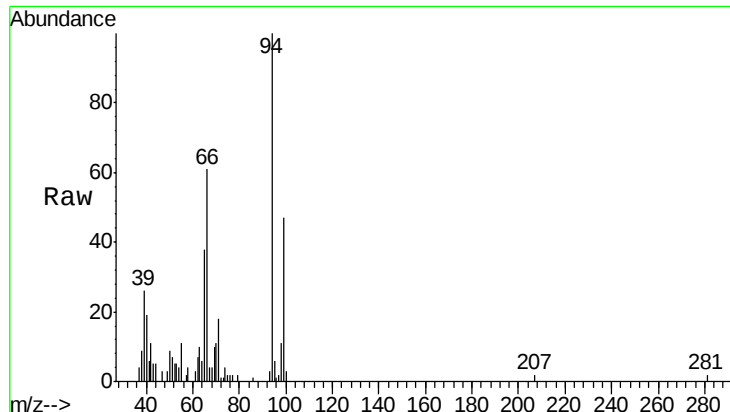
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#4
 Benzaldehyde
 Concen: 1.65 ng/uL
 RT: 6.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:	77	Resp:	17836
Ion	Ratio	Lower	Upper
77	100		
105	74.6	73.5	110.3
106	74.4	67.9	101.9





#6

Phenol

Concen: 3.00 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000061.D

Acq: 29 Dec 2014 16:11

Instrument :

BNA_M

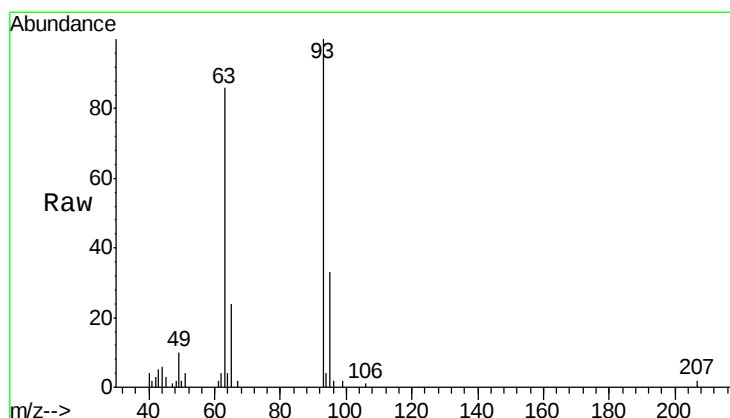
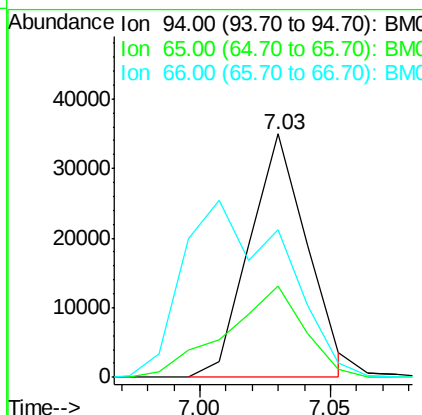
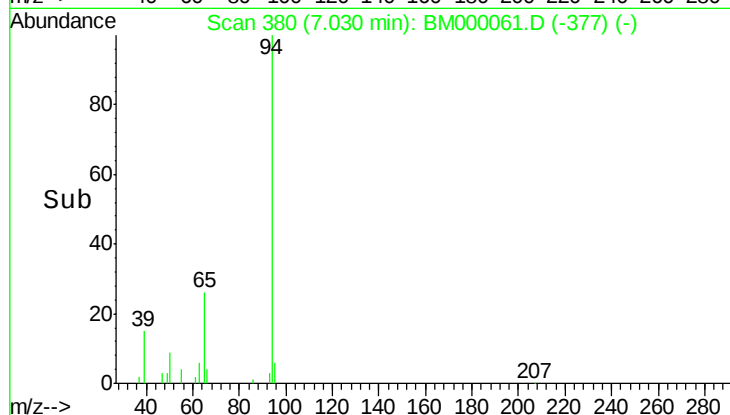
ClientSampleId :

MDLWater-4

Tgt Ion:	94	Resp:	53987
Ion	Ratio	Lower	Upper
94	100		
65	37.6	27.4	41.0
66	60.8	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 2.96 ng/ul

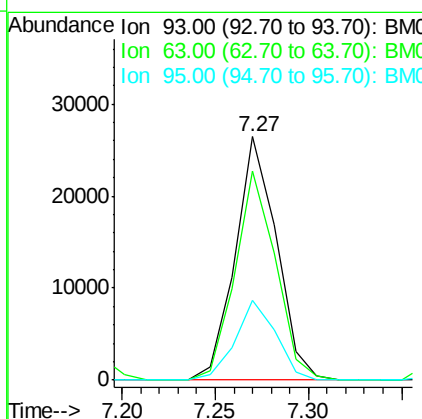
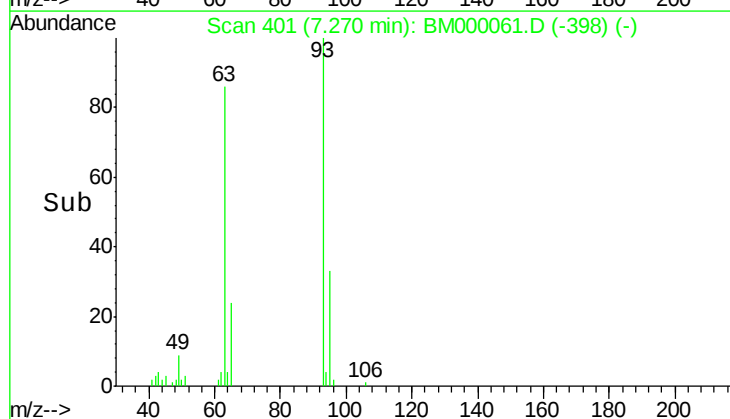
RT: 7.27 min Scan# 401

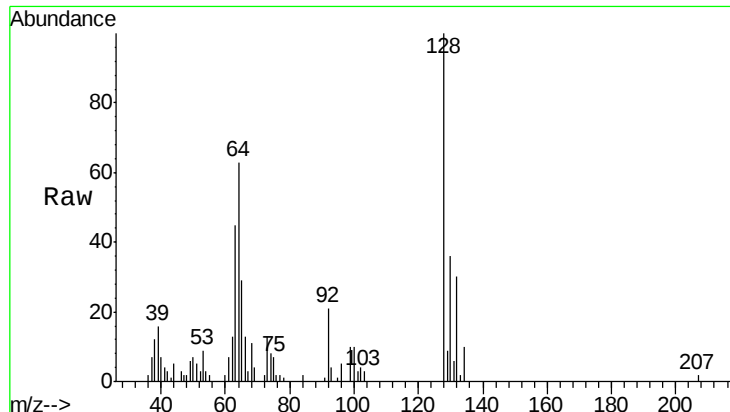
Delta R.T. -0.00 min

Lab File: BM000061.D

Acq: 29 Dec 2014 16:11

Tgt Ion:	93	Resp:	40778
Ion	Ratio	Lower	Upper
93	100		
63	85.7	68.9	103.3
95	32.6	24.6	37.0





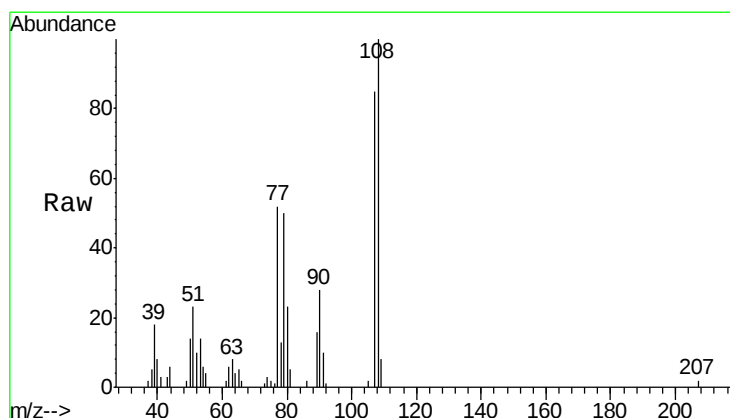
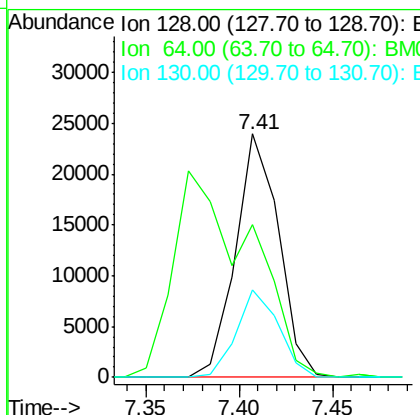
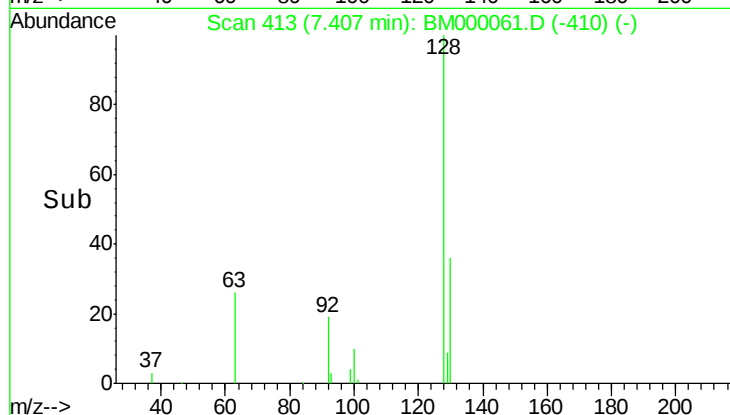
#10
2-Chlorophenol
Concen: 2.99 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:	128	Resp:	38534
Ion Ratio	Lower	Upper	
128	100		
64	62.7	47.2	70.8
130	36.0	25.2	37.8

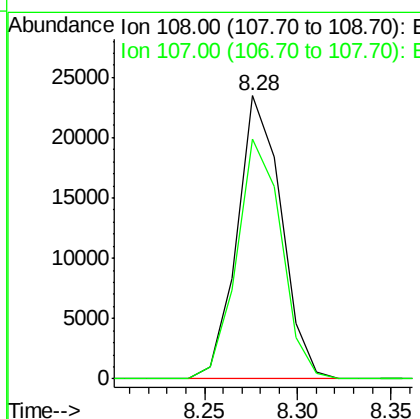
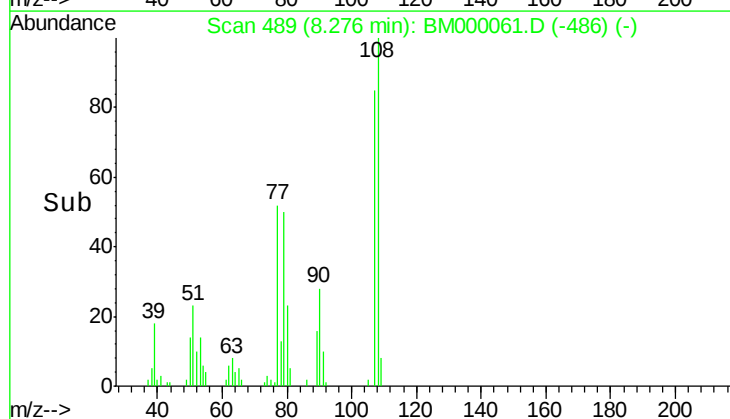
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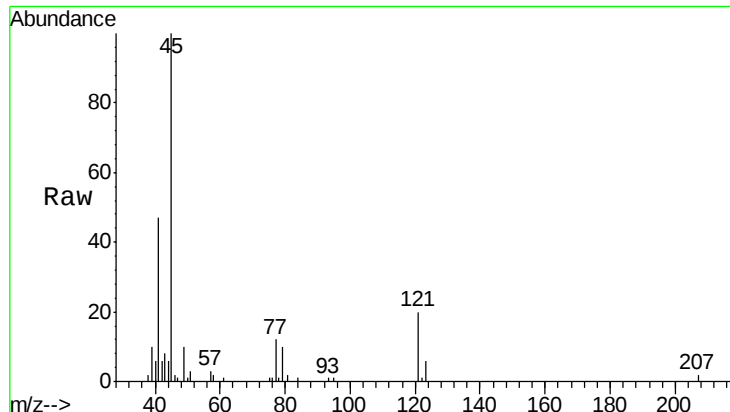
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#11
2-Methylphenol
Concen: 2.78 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:	108	Resp:	38704
Ion Ratio	Lower	Upper	
108	100		
107	84.6	70.7	106.1





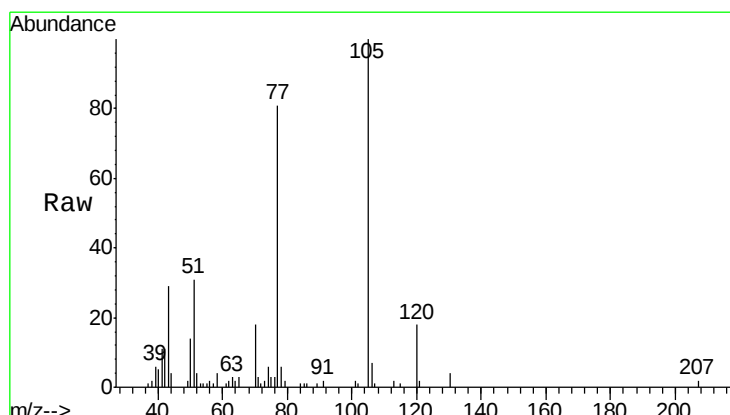
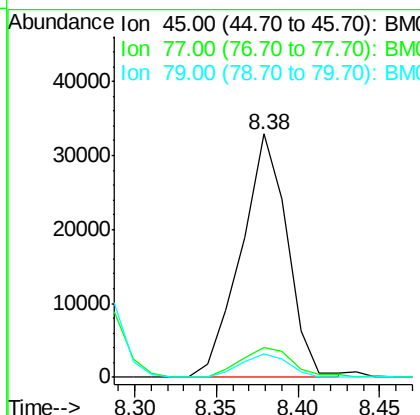
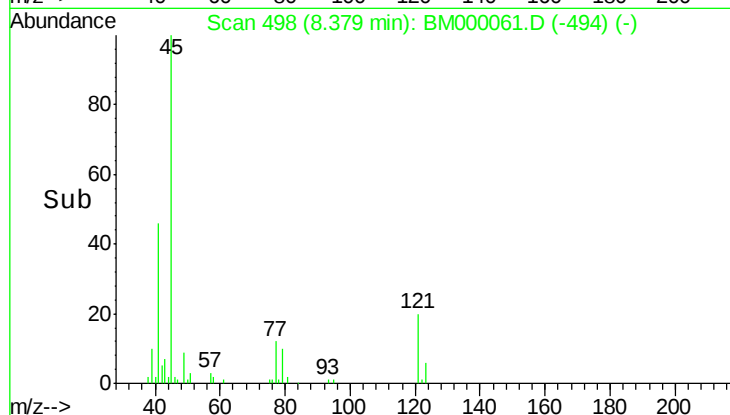
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.91 ng/ul
 RT: 8.38 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	45	Resp:	64581
Ion Ratio	Lower	Upper	
45	100		
77	12.1	9.9	14.9
79	9.7	8.3	12.5

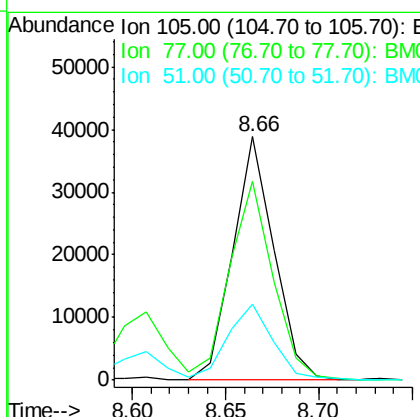
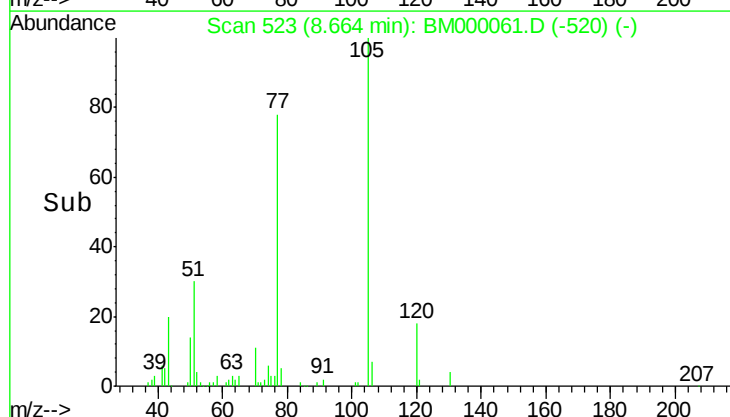
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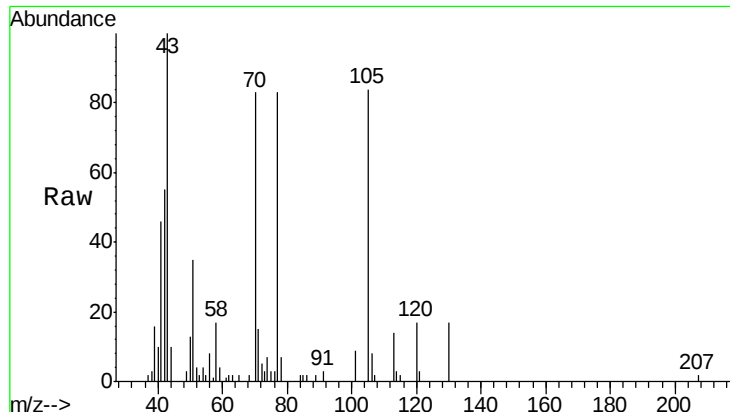
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#14
 Acetophenone
 Concen: 2.56 ng/ul
 RT: 8.66 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:	105	Resp:	59798
Ion Ratio	Lower	Upper	
105	100		
77	81.4	66.3	99.5
51	31.4	26.5	39.7





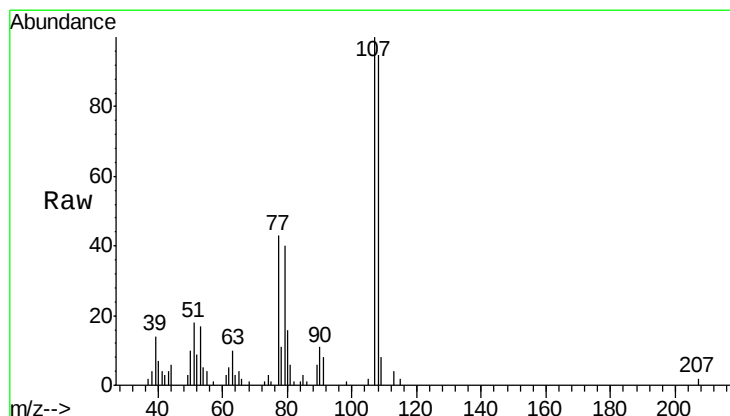
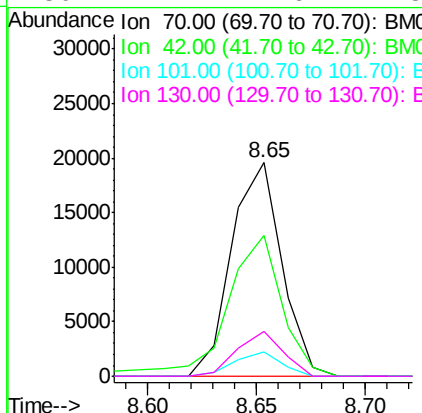
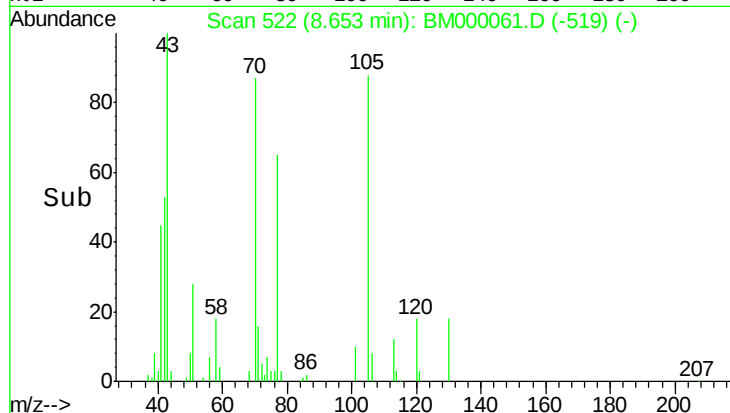
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N-Nitroso-di-n-propylamine
Concen: 2.57 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:	70	Resp:	31461
Ion	Ratio	Lower	Upper
70	100		
42	66.2	46.4	69.6
101	11.2	7.8	11.8
130	21.2	14.6	21.8

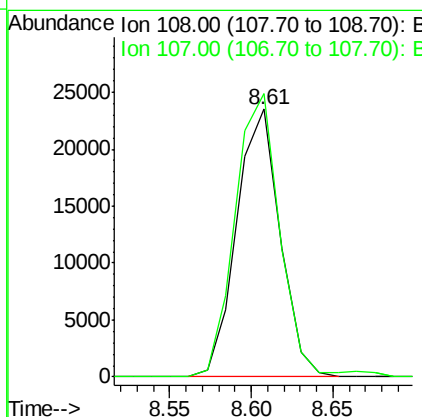
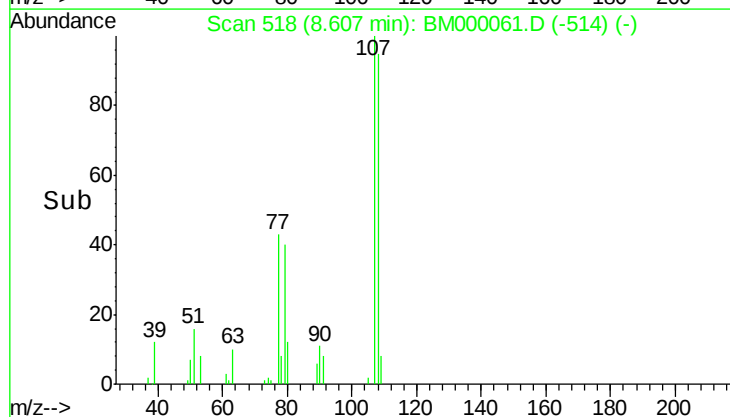
Manual Integrations
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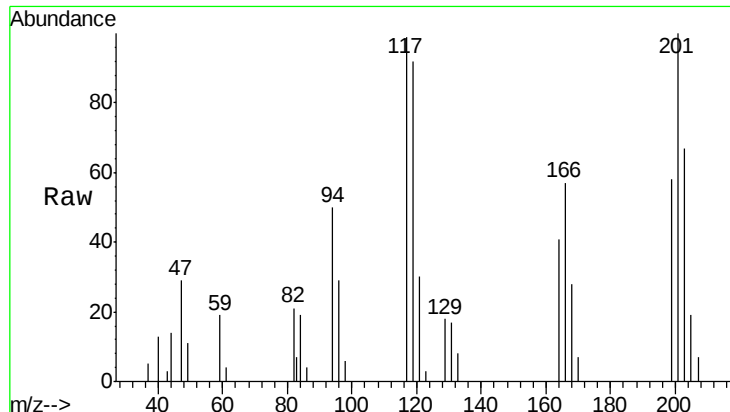
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1/7/2015 9:20:15 AM



#16
4-Methylphenol
Concen: 2.89 ng/ul
RT: 8.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:	108	Resp:	43453
Ion	Ratio	Lower	Upper
108	100		
107	105.6	84.0	126.0





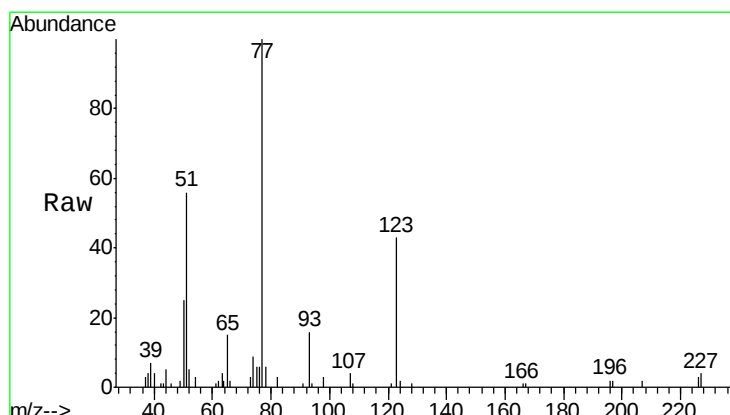
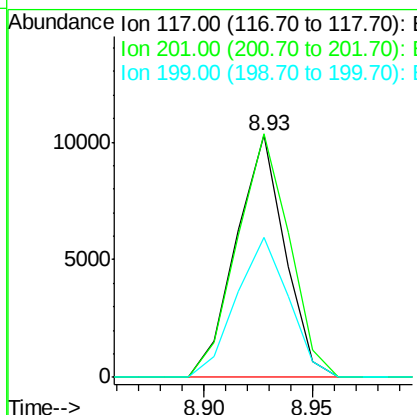
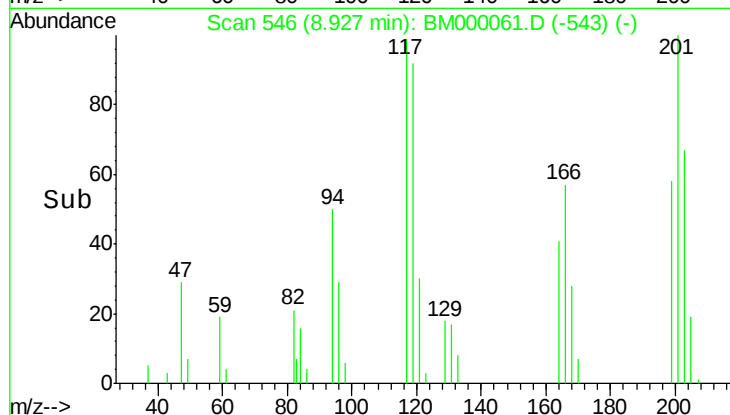
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Hexachloroethane
Concen: 2.73 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:	117	Resp:	16075
Ion Ratio	Lower	Upper	
117	100		
201	100.7	85.2	127.8
199	58.0	55.1	82.7

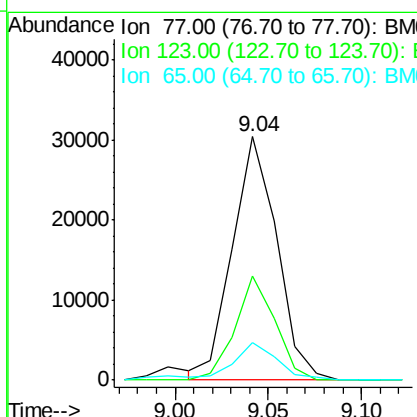
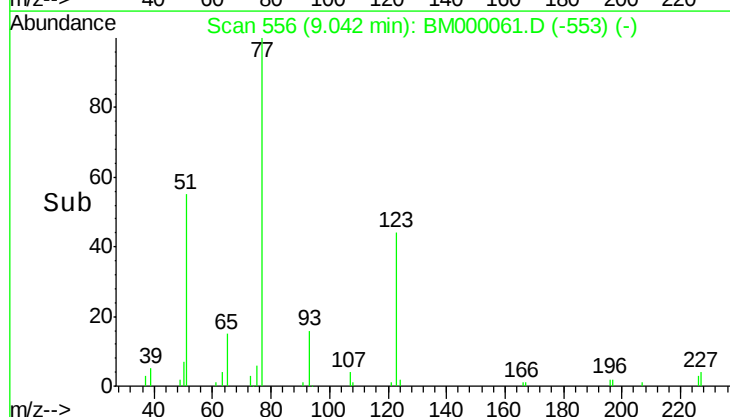
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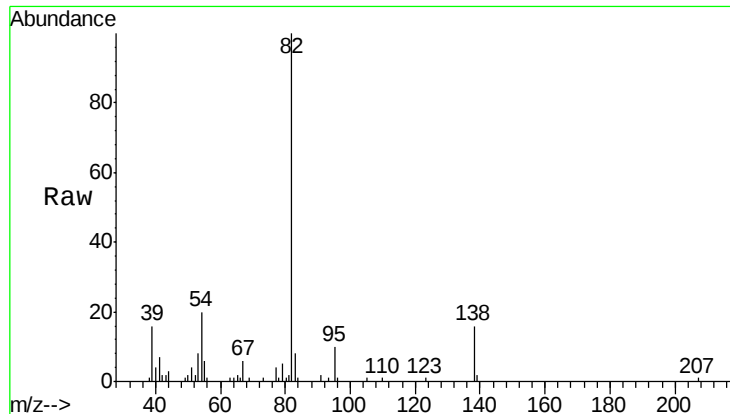
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#20
Nitrobenzene
Concen: 3.00 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:	77	Resp:	50905
Ion Ratio	Lower	Upper	
77	100		
123	42.7	29.2	43.8
65	15.4	12.4	18.6





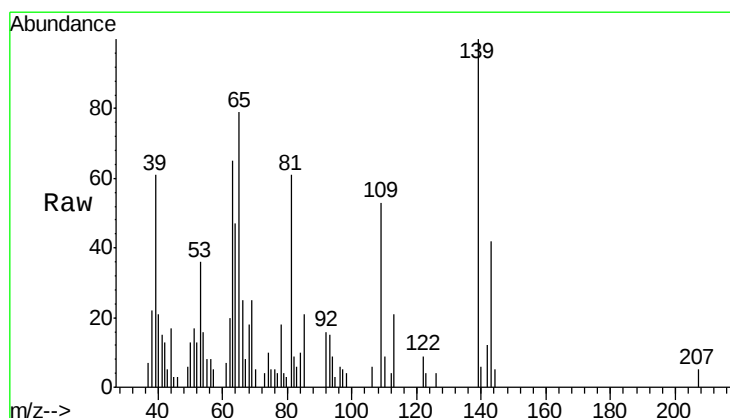
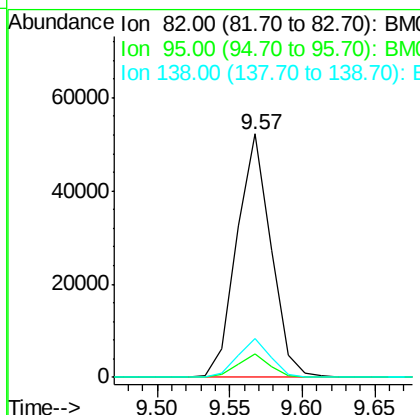
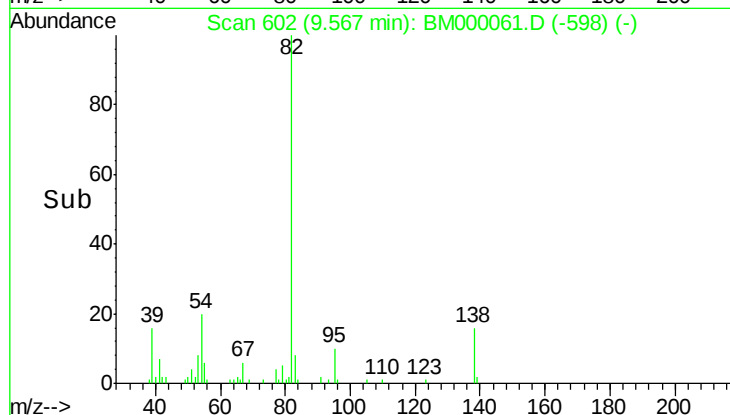
#21
Isophorone
Concen: 2.61 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	85359		
95	9.7	6.9	10.3	
138	15.9	12.1	18.1	

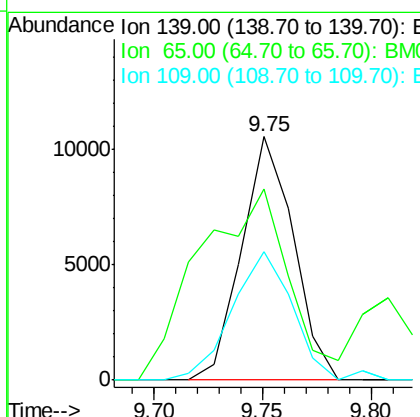
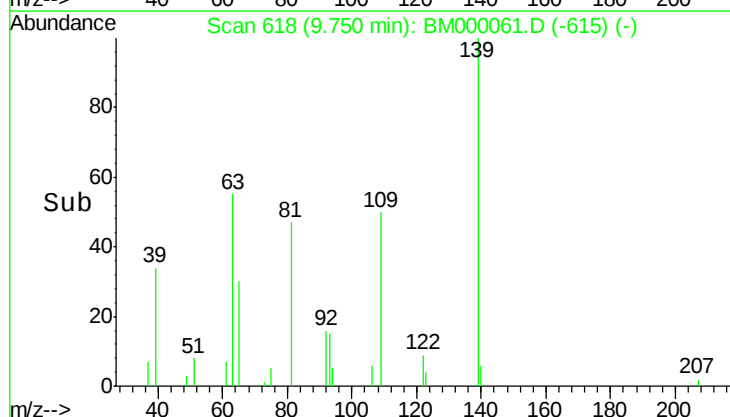
Manual Integrations
APPROVED

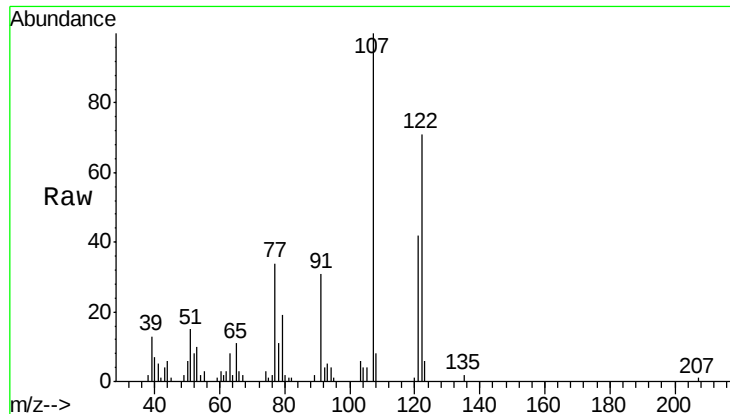
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#23
2-Nitrophenol
Concen: 2.74 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	17566		
65	78.5	56.3	84.5	
109	52.7	37.1	55.7	





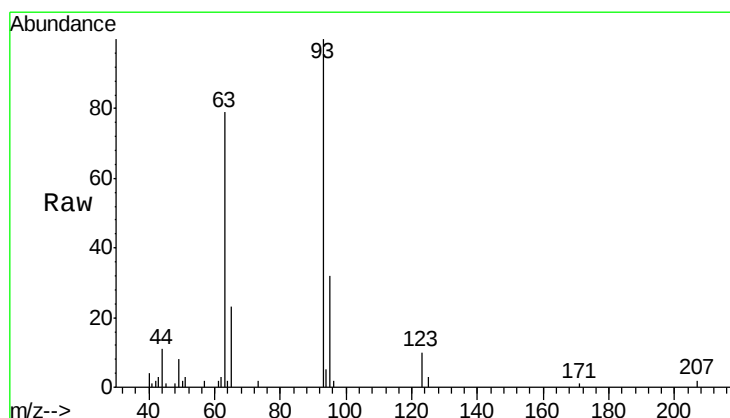
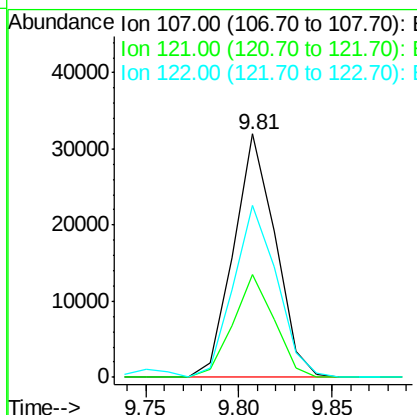
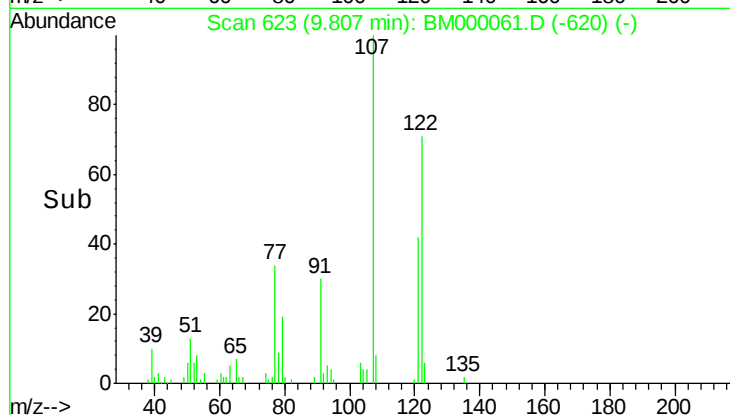
#24
 2,4-Dimethylphenol
 Concen: 2.87 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	49915		
121	42.1	33.0	49.6	
122	70.9	59.3	88.9	

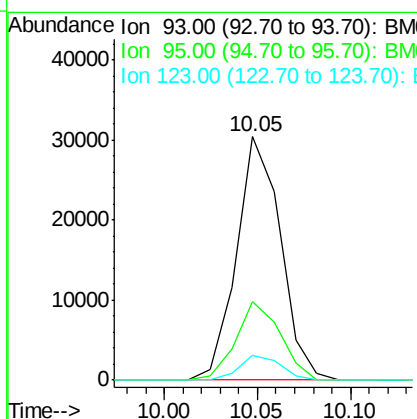
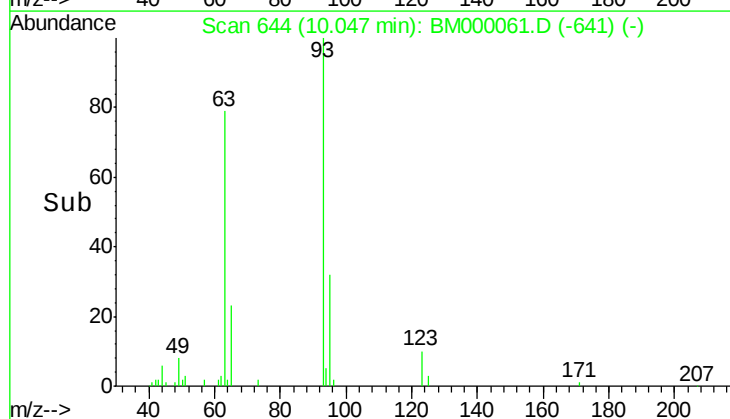
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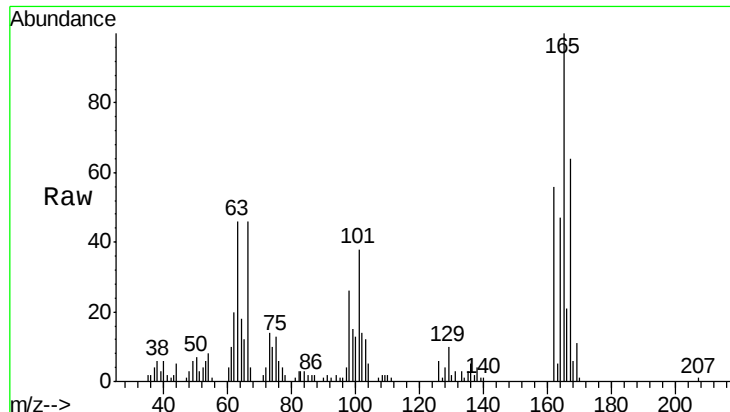
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.74 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	49847		
95	32.0	26.1	39.1	
123	10.2	7.4	11.2	





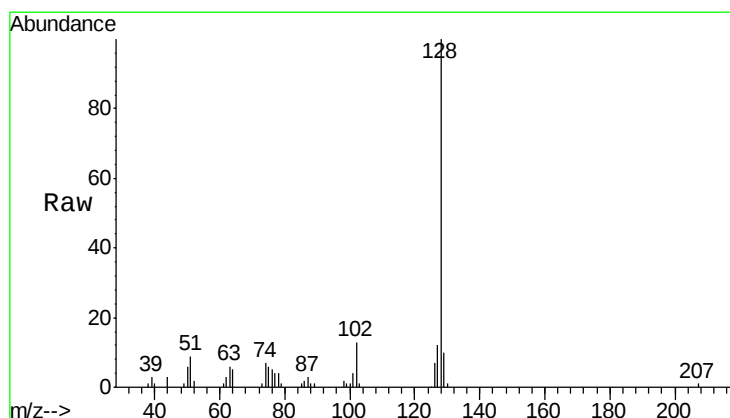
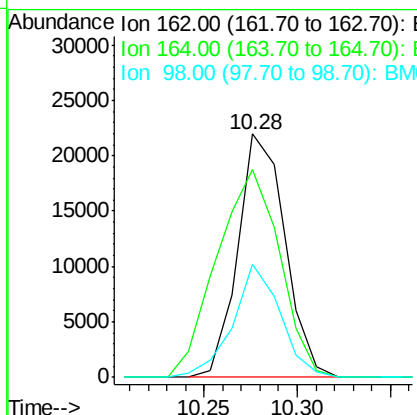
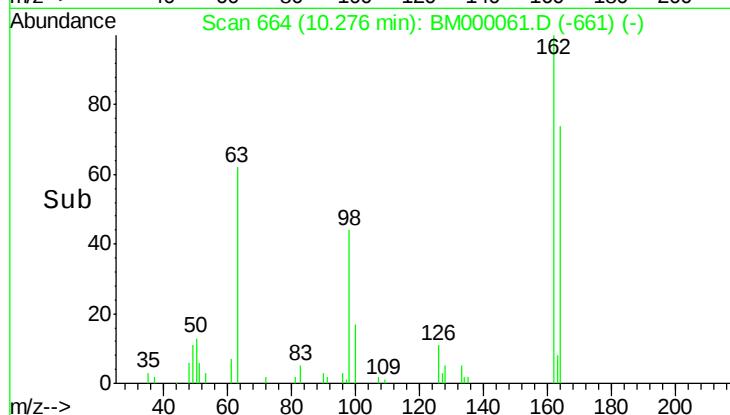
#27
 2,4-Dichlorophenol
 Concen: 3.01 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	162	Resp:	38577
Ion Ratio	Lower	Upper	
162	100		
164	85.3	50.2	75.4#
98	46.2	31.4	47.2

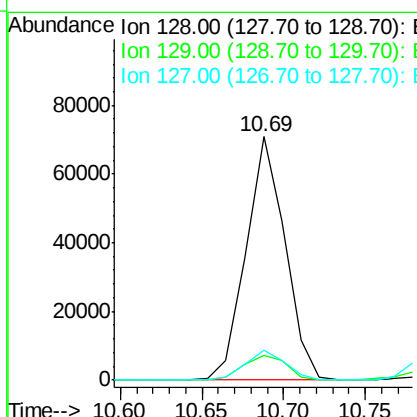
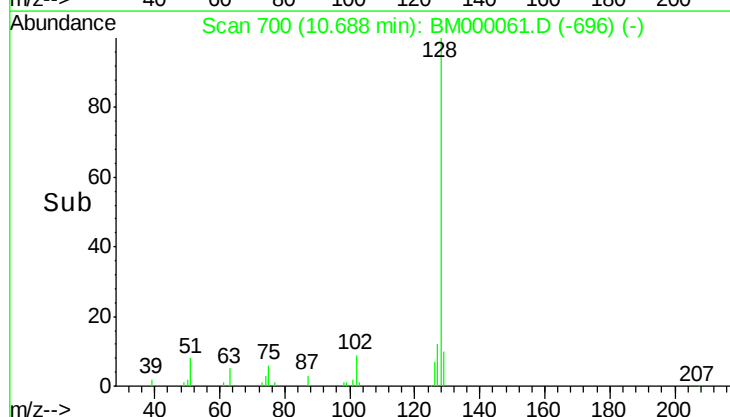
Manual Integrations
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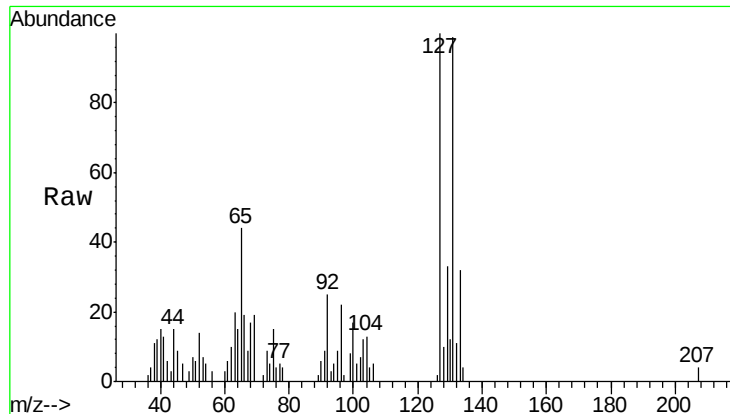
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#28
 Naphthalene
 Concen: 2.80 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:	128	Resp:	117595
Ion Ratio	Lower	Upper	
128	100		
129	10.1	8.6	13.0
127	12.2	10.3	15.5





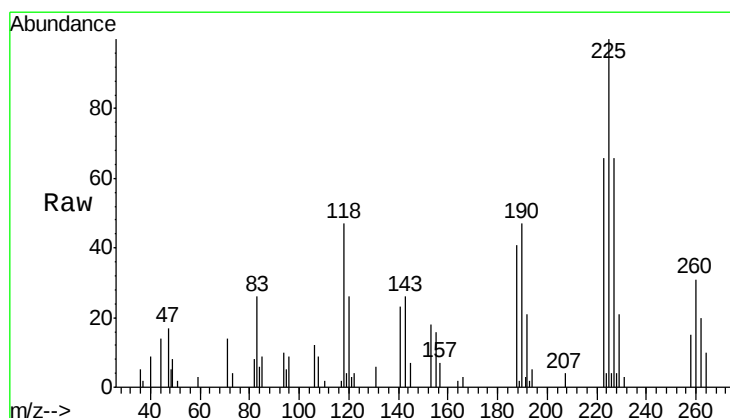
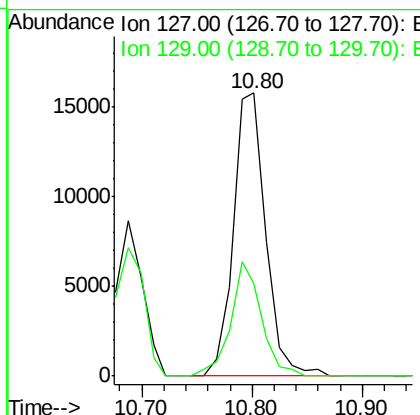
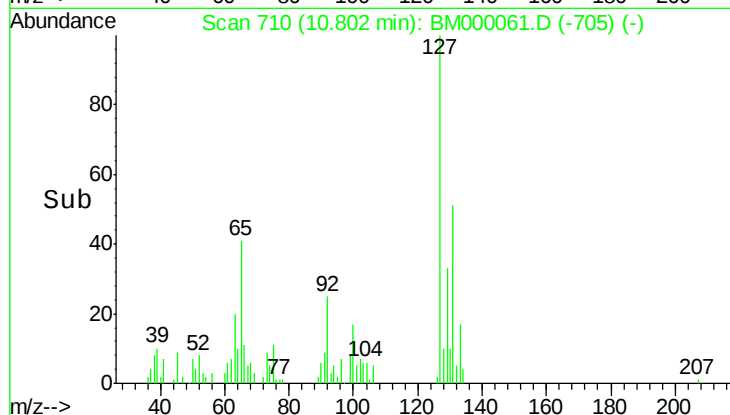
#30
4-Chloroaniline
Concen: 2.16 ng/ul m
RT: 10.80 min Scan# 710
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:127 Resp: 32562
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7

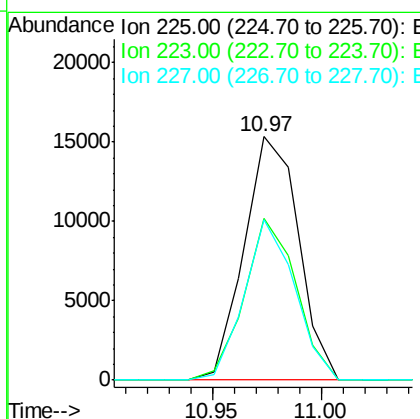
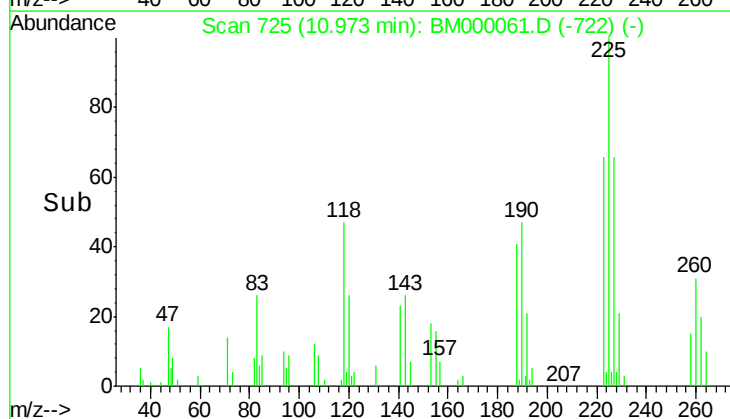
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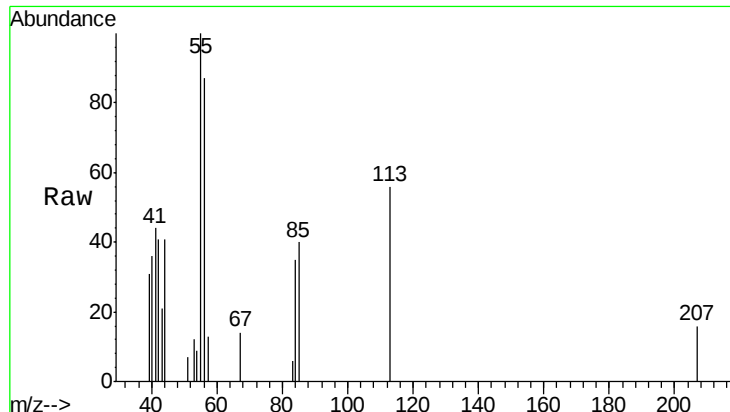
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#31
Hexachlorobutadiene
Concen: 2.95 ng/ul
RT: 10.97 min Scan# 725
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:225 Resp: 26771
Ion Ratio Lower Upper
225 100
223 66.2 54.4 81.6
227 65.9 51.8 77.8





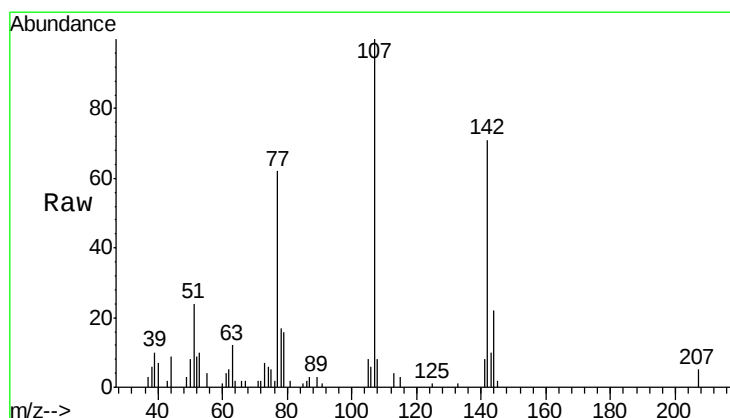
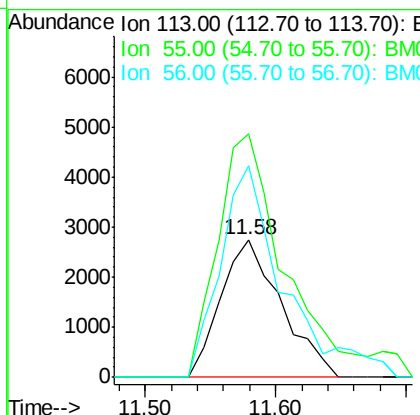
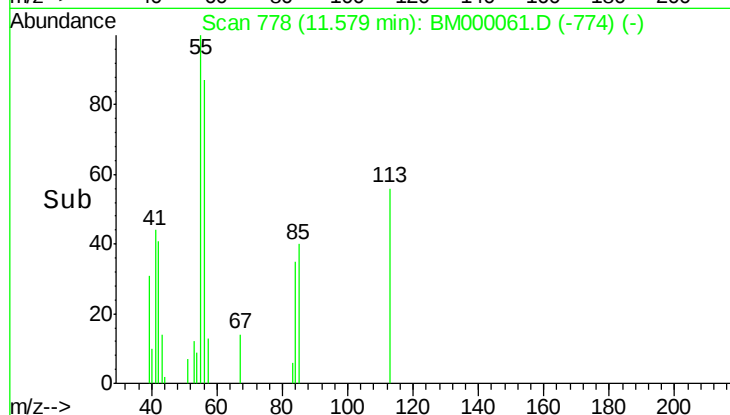
#32
 Caprolactam
 Concen: 2.07 ng/ul
 RT: 11.58 min Scan# 778
 Delta R.T. 0.03 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:113 Resp: 8819
 Ion Ratio Lower Upper
 113 100
 55 177.2 156.6 234.8
 56 154.0 126.3 189.5

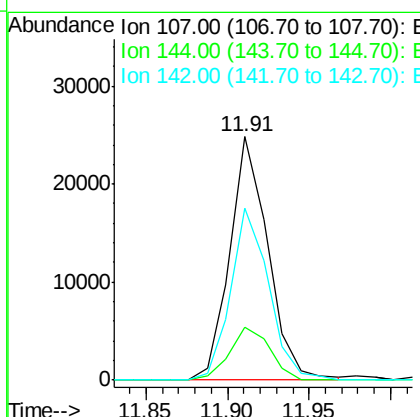
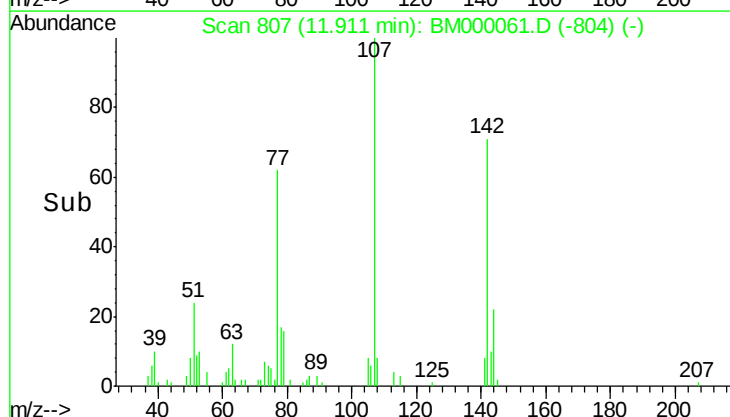
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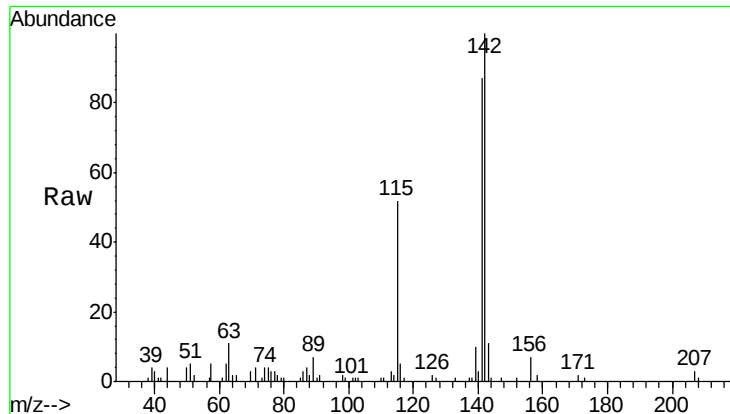
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#33
 4-Chloro-3-methylphenol
 Concen: 2.56 ng/ul
 RT: 11.91 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:107 Resp: 40249
 Ion Ratio Lower Upper
 107 100
 144 21.5 16.6 24.8
 142 70.6 54.6 82.0





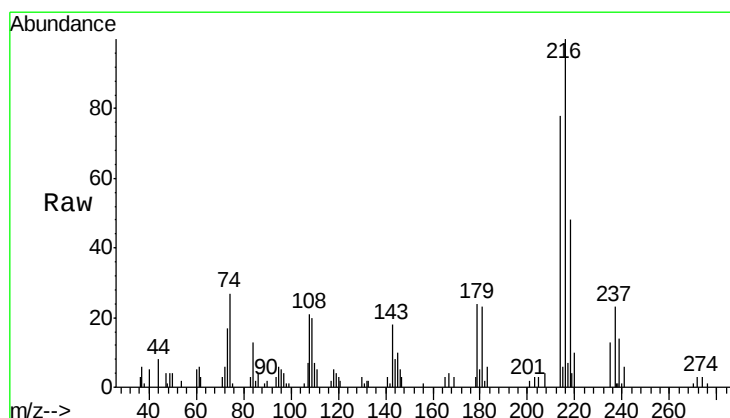
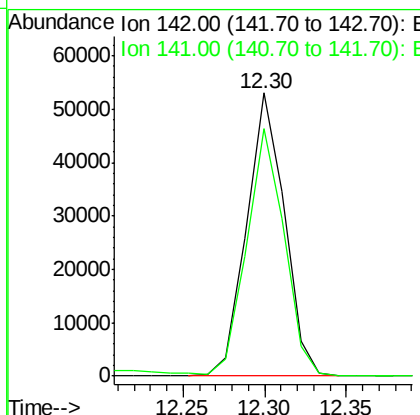
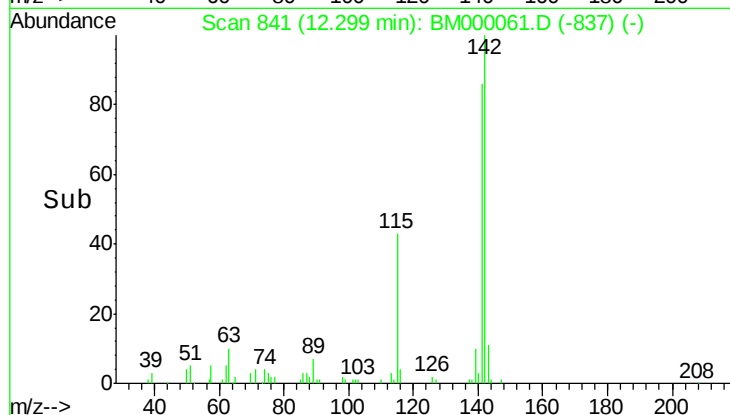
#34
 2-Methylnaphthalene
 Concen: 2.75 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:142 Resp: 85516
 Ion Ratio Lower Upper
 142 100
 141 87.3 69.3 103.9

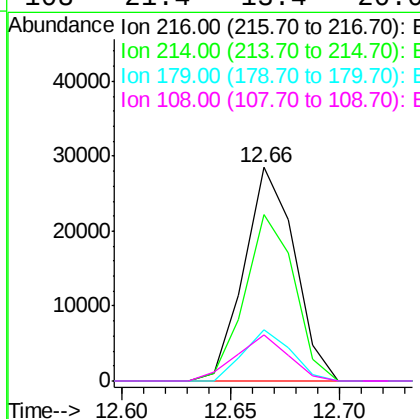
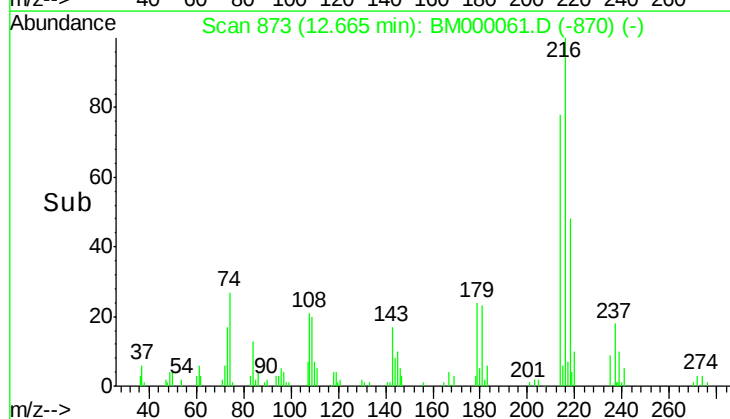
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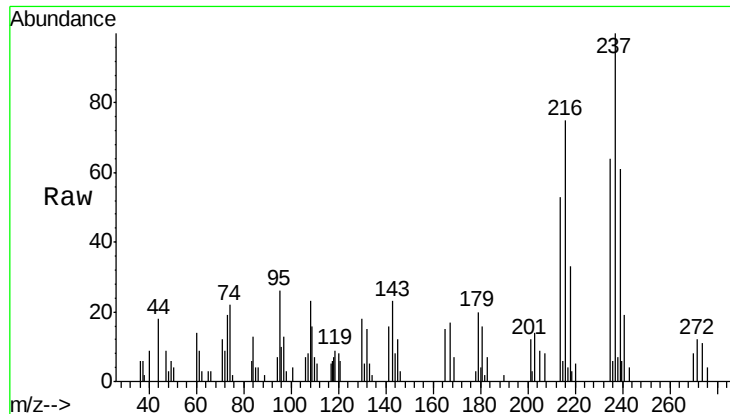
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.88 ng/ul
 RT: 12.66 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:216 Resp: 46125
 Ion Ratio Lower Upper
 216 100
 214 77.7 62.6 94.0
 179 23.8 17.4 26.2
 108 21.4 13.4 20.0#





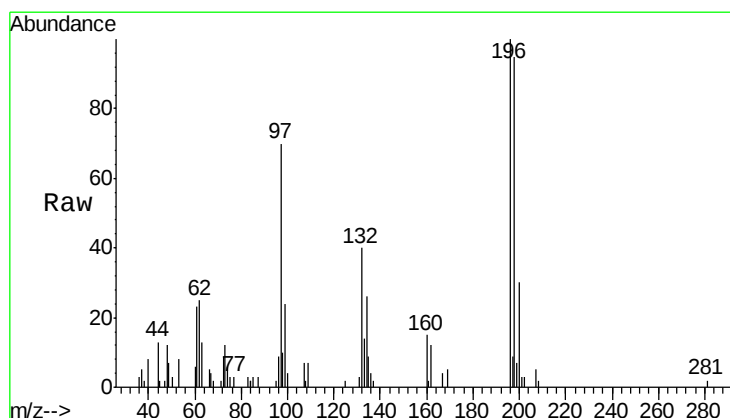
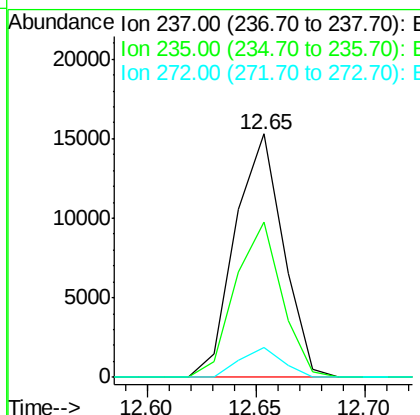
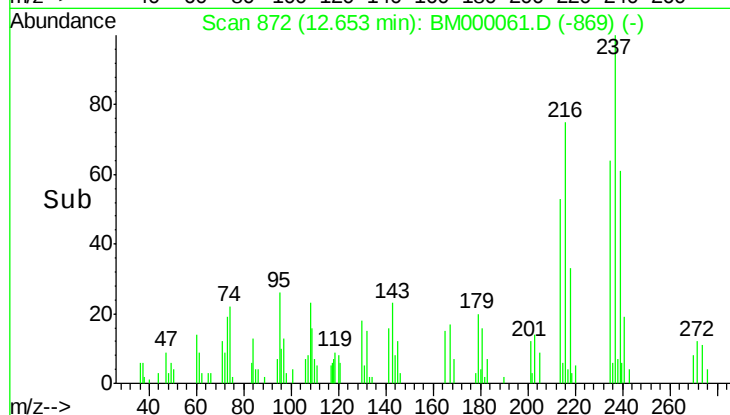
#37
Hexachlorocyclopentadiene
Concen: 2.22 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:	237	Resp:	23558
Ion Ratio	Lower	Upper	
237	100		
235	64.0	50.0	75.0
272	12.1	8.9	13.3

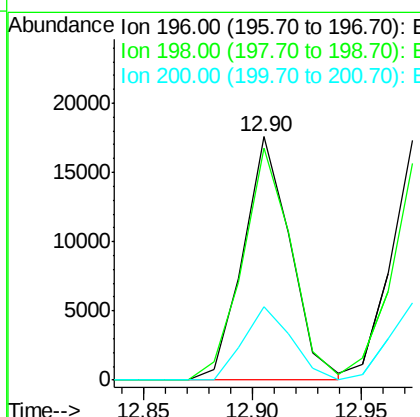
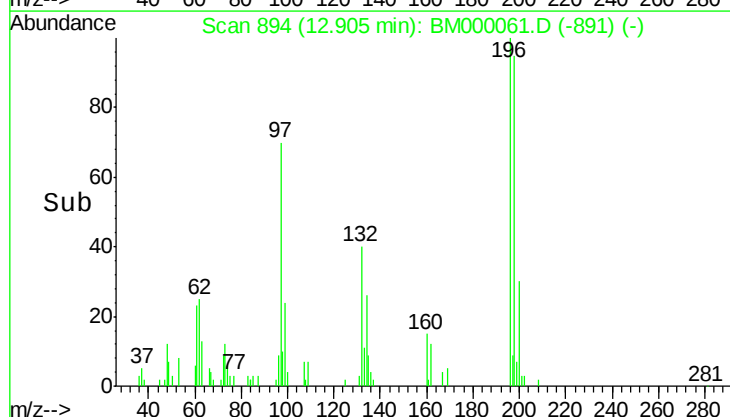
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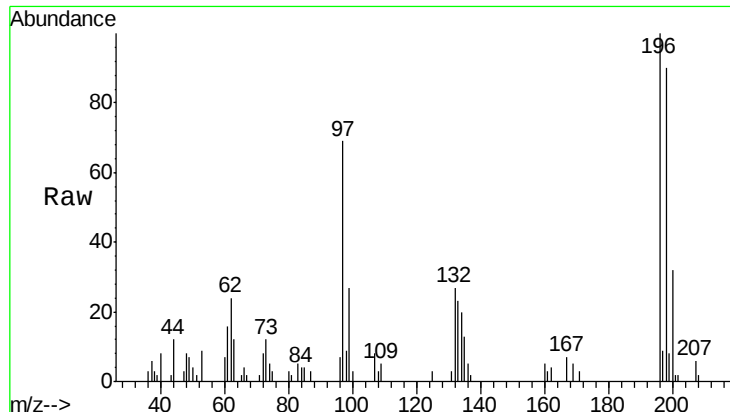
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#38
2,4,6-Trichlorophenol
Concen: 2.60 ng/ul
RT: 12.90 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:	196	Resp:	26643
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.6	114.8
200	30.2	24.5	36.7





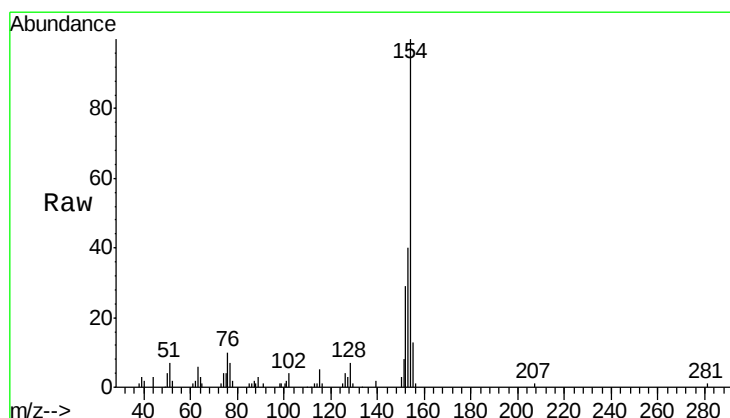
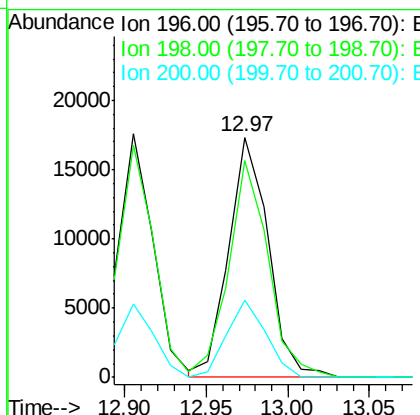
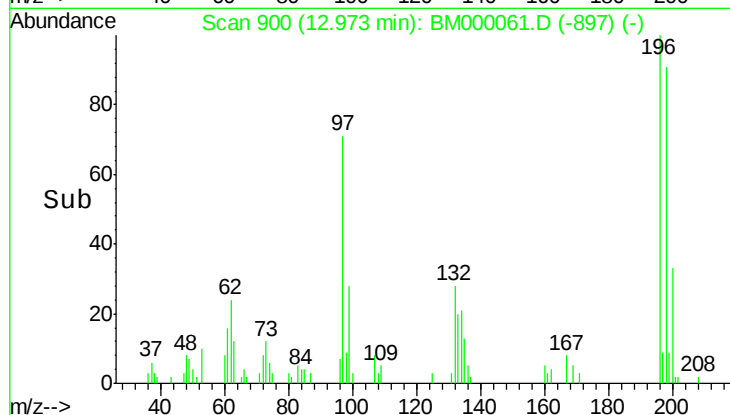
#39
 2,4,5-Trichlorophenol
 Concen: 2.62 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29063		
198	90.3	75.4	113.2	
200	32.0	25.0	37.4	

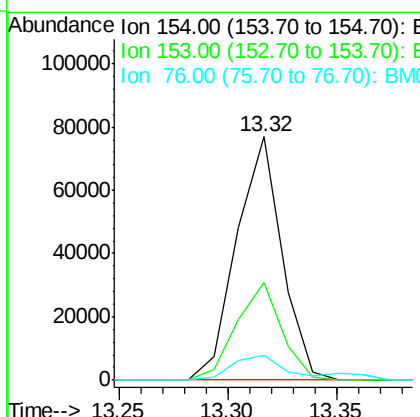
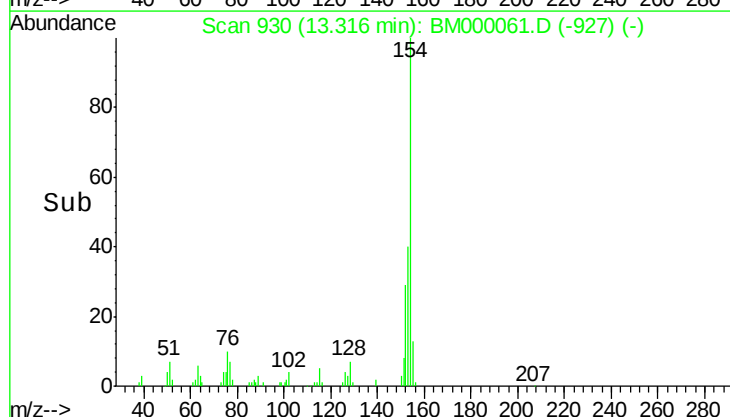
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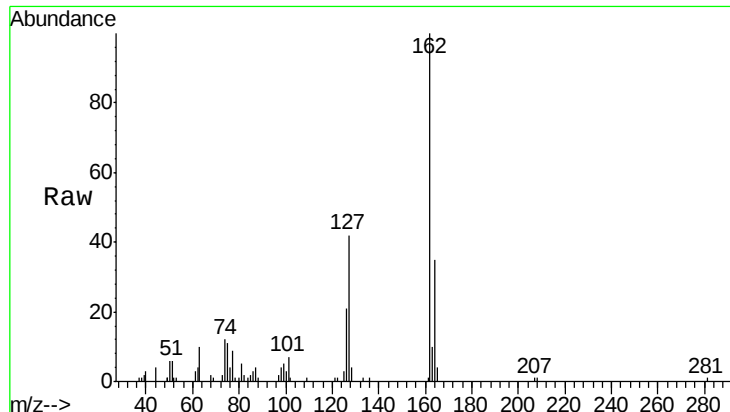
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#40
 1,1'-Biphenyl
 Concen: 2.68 ng/ul
 RT: 13.32 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	111798		
153	40.2	30.5	45.7	
76	10.4	8.9	13.3	





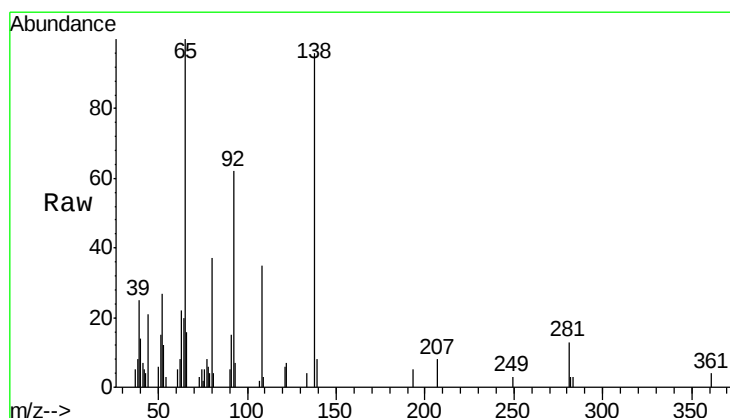
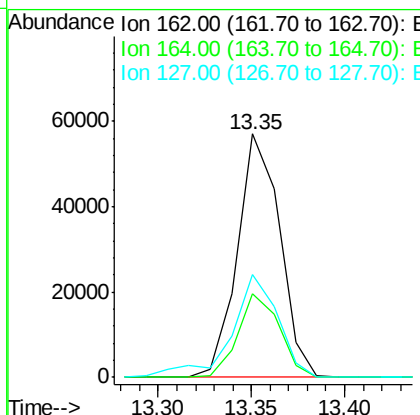
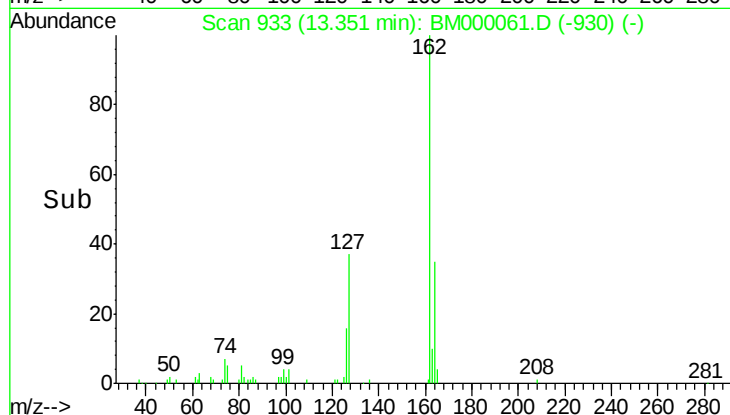
#41
 2-Chloronaphthalene
 Concen: 2.82 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.5	25.8	38.6
127	42.0	35.9	53.9

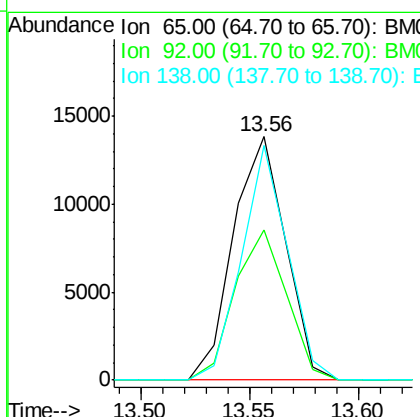
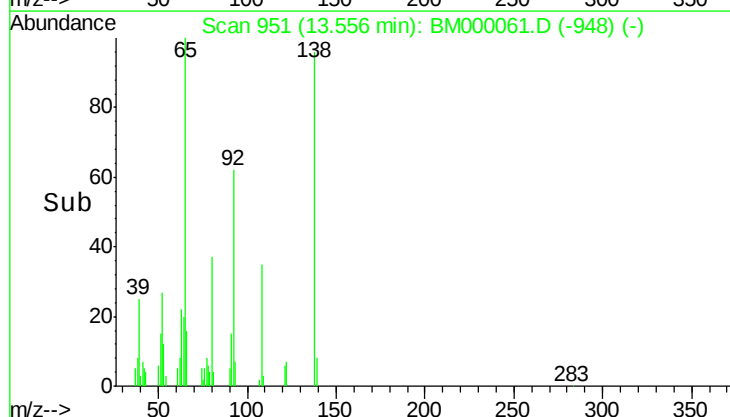
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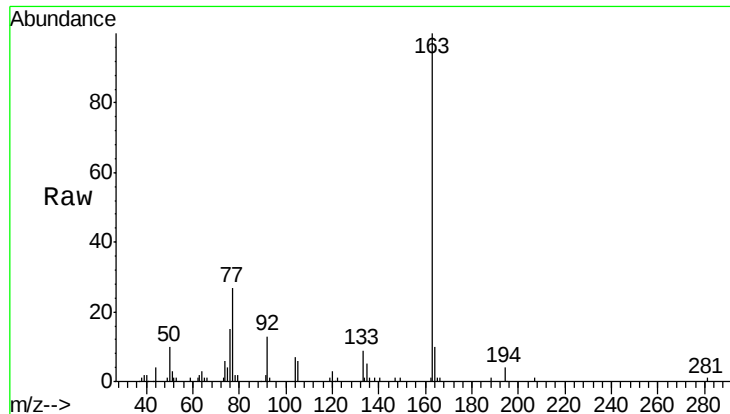
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#42
 2-Nitroaniline
 Concen: 2.24 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	50.4	75.6
138	96.4	66.9	100.3





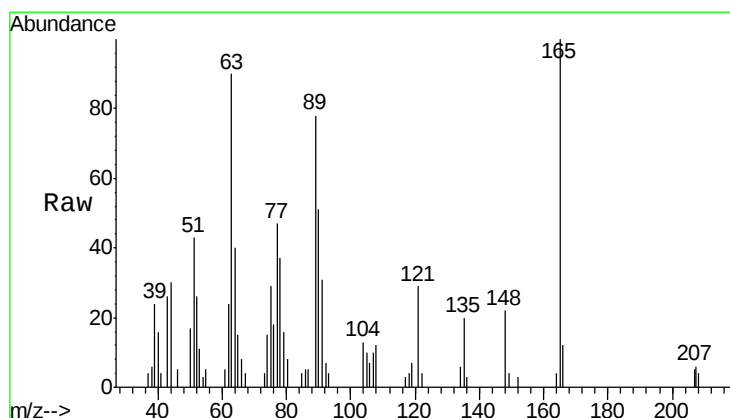
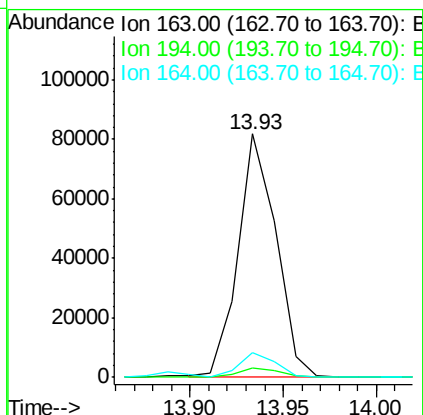
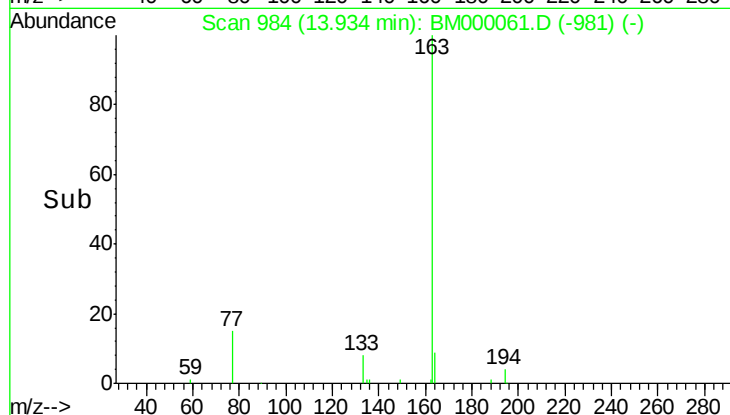
#44
Dimethylphthalate
Concen: 2.72 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	115368		
194	3.8		3.0	4.4
164	10.2		8.5	12.7

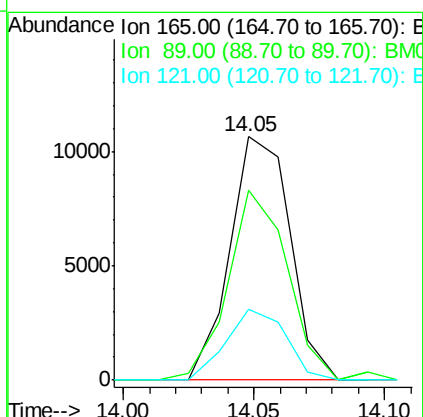
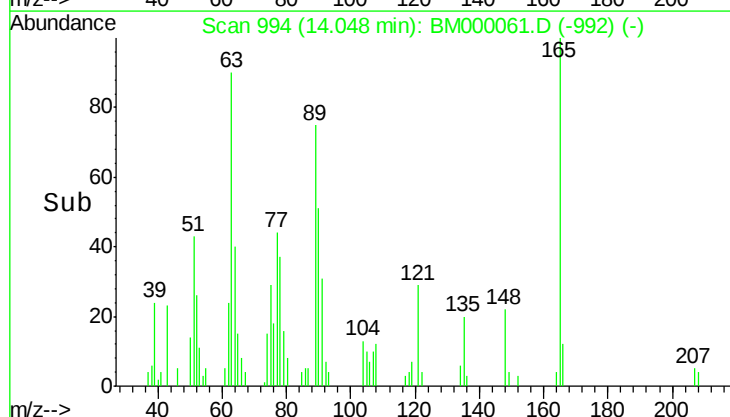
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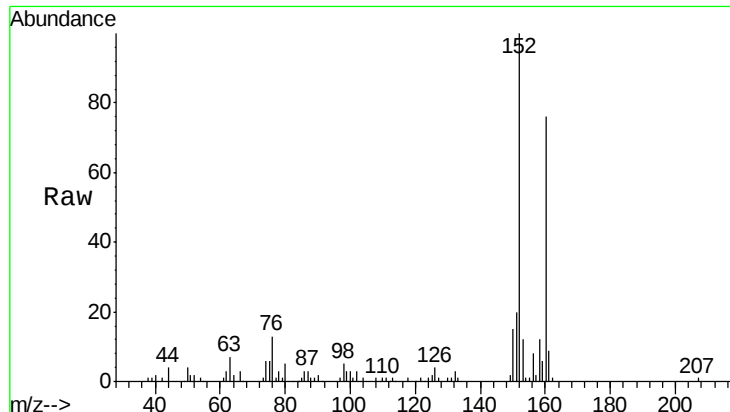
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#45
2,6-Dinitrotoluene
Concen: 2.26 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	17190		
89	78.2		54.4	81.6
121	28.9		18.6	28.0#





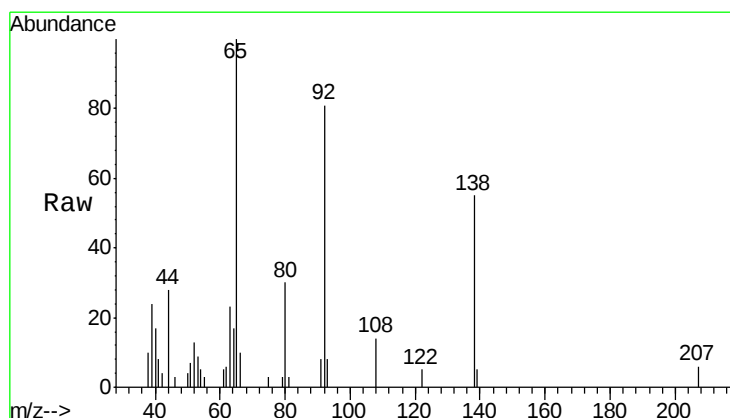
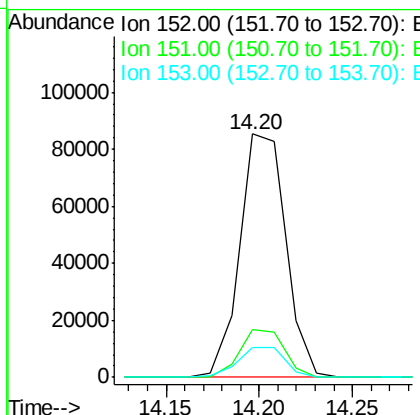
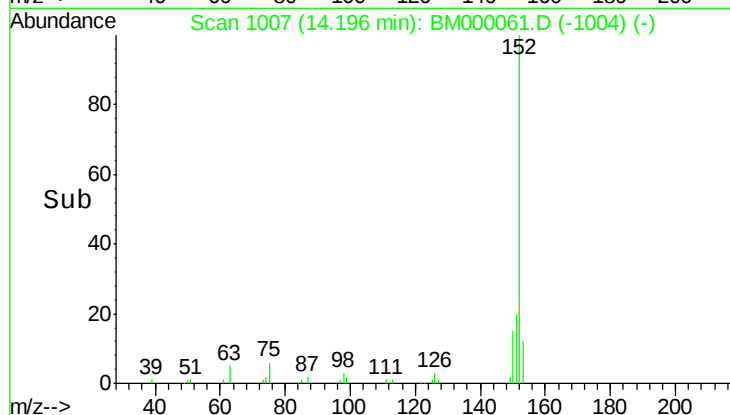
#47
 Acenaphthylene
 Concen: 2.71 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	145931		
151	19.8		15.4	23.2
153	12.5		10.2	15.2

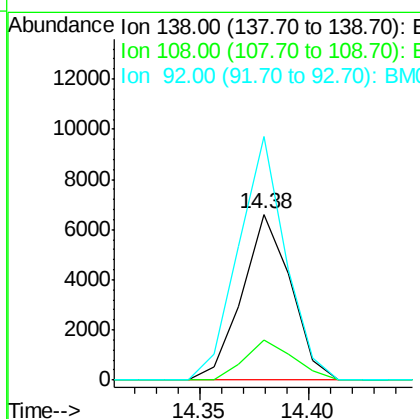
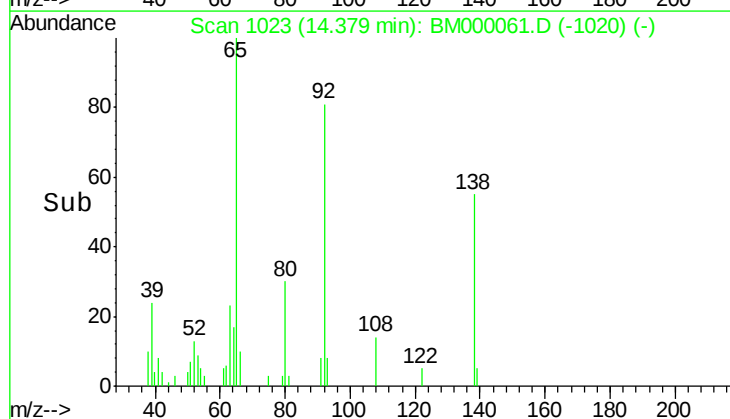
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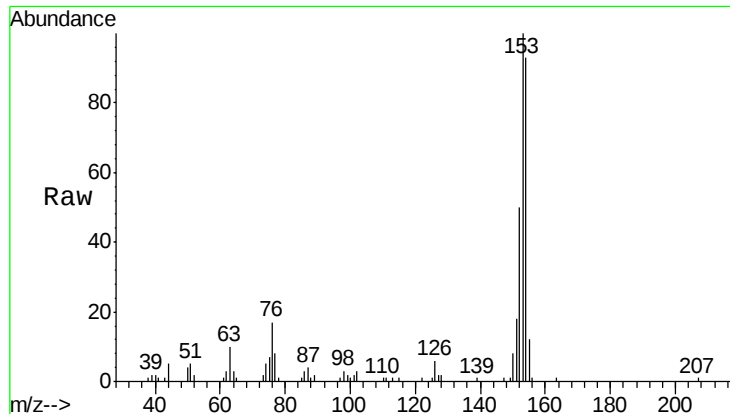
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#48
 3-Nitroaniline
 Concen: 1.33 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	10314		
108	24.5		11.2	16.8#
92	146.9		110.6	165.8





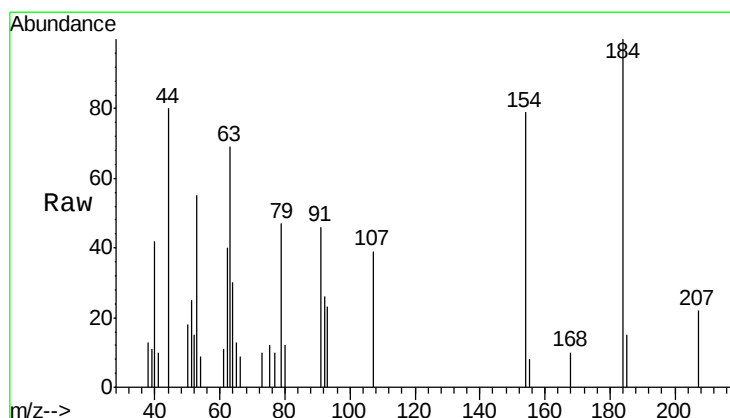
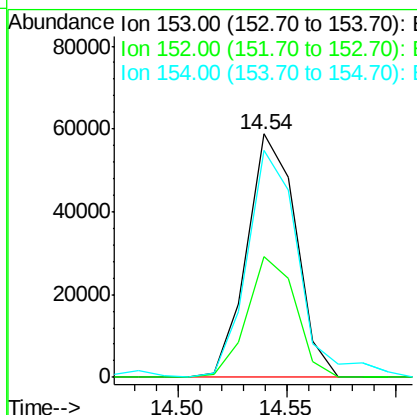
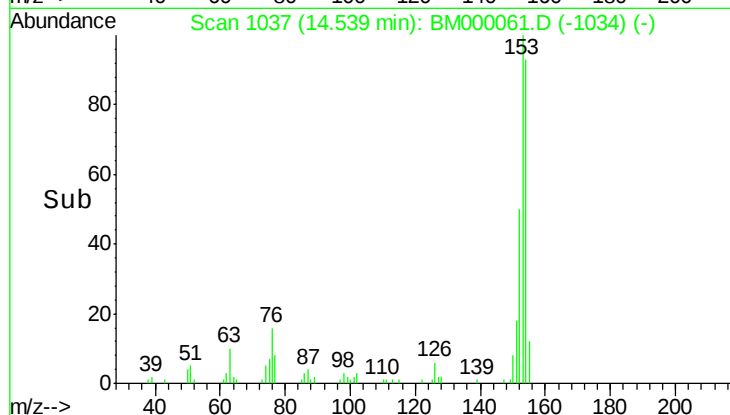
#49
 Acenaphthene
 Concen: 2.69 ng/ul
 RT: 14.54 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	153	Resp:	92402
Ion Ratio	Lower	Upper	
153	100		
152	49.5	37.5	56.3
154	93.0	72.2	108.4

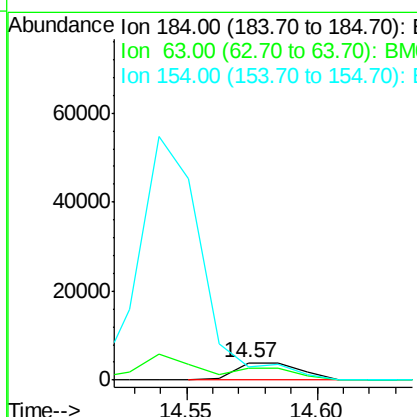
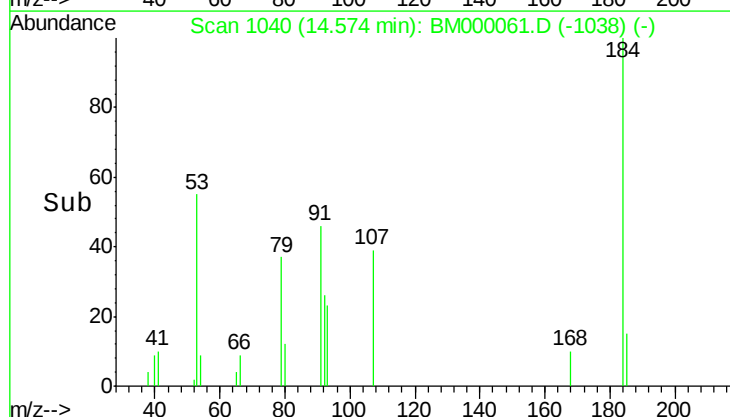
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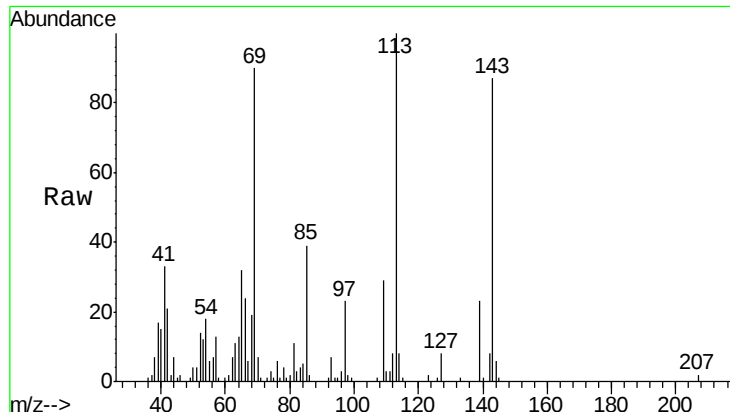
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#50
 2,4-Dinitrophenol
 Concen: 1.75 ng/ul
 RT: 14.57 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:	184	Resp:	6767
Ion Ratio	Lower	Upper	
184	100		
63	69.3	56.1	84.1
154	79.1	68.2	102.4





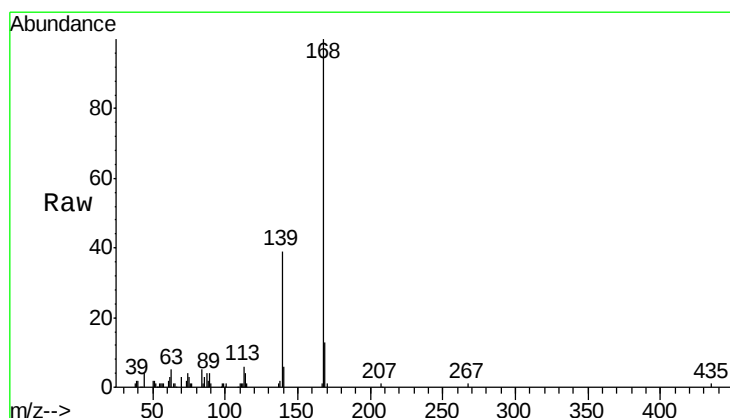
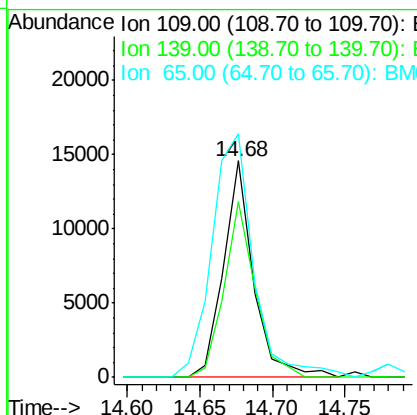
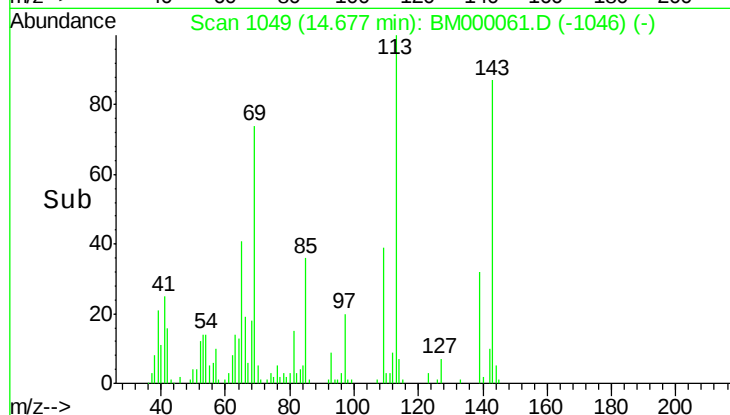
#52
4-Nitrophenol
Concen: 2.29 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:109 Resp: 20942
Ion Ratio Lower Upper
109 100
139 81.2 62.5 93.7
65 112.5 88.7 133.1

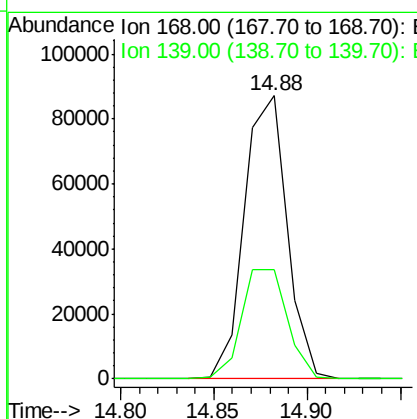
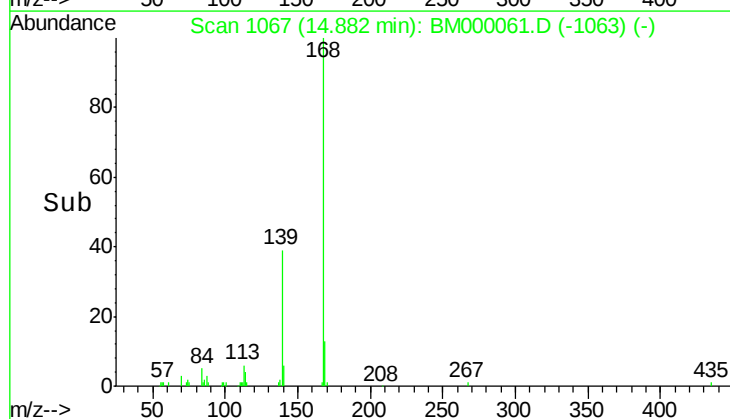
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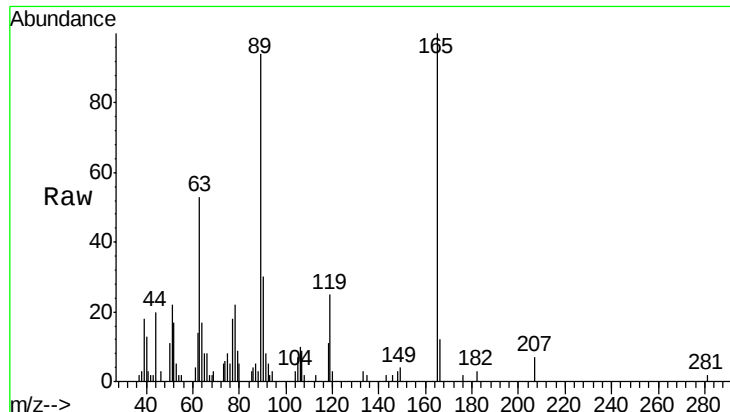
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#53
Dibenzofuran
Concen: 2.82 ng/ul
RT: 14.88 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:168 Resp: 140260
Ion Ratio Lower Upper
168 100
139 38.7 33.6 50.4





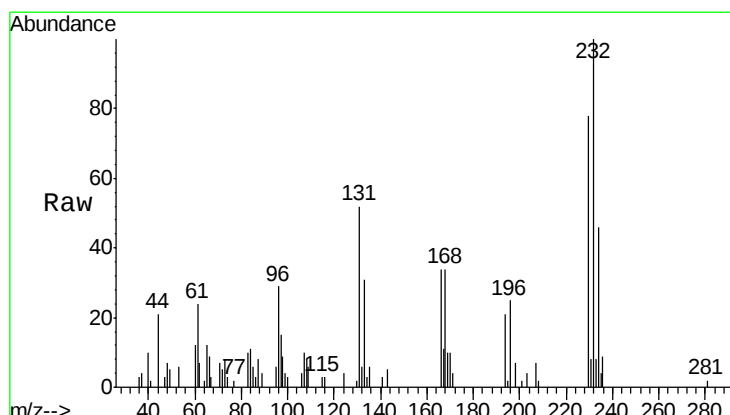
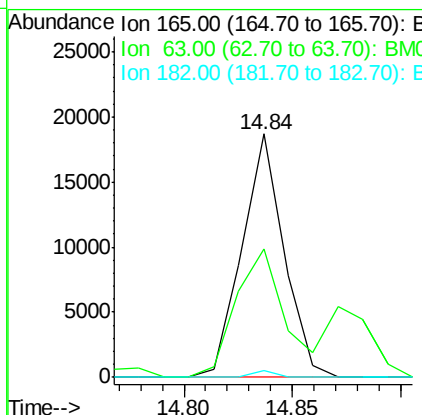
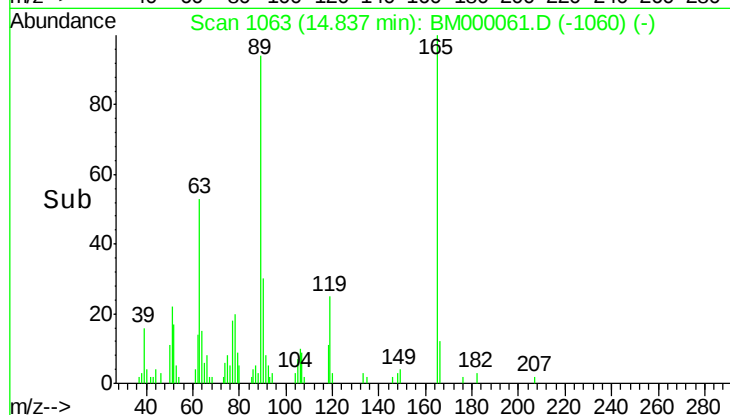
#54
 2,4-Dinitrotoluene
 Concen: 2.21 ng/ul
 RT: 14.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	25095		
63	52.9	48.8	73.2	
182	2.7	2.1	3.1	

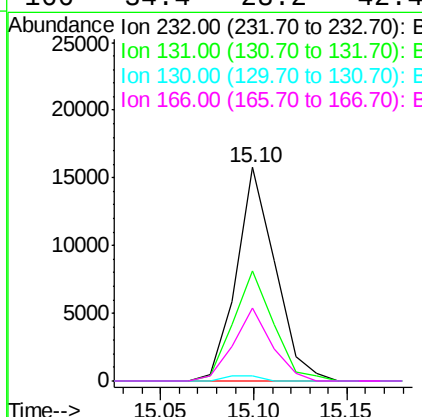
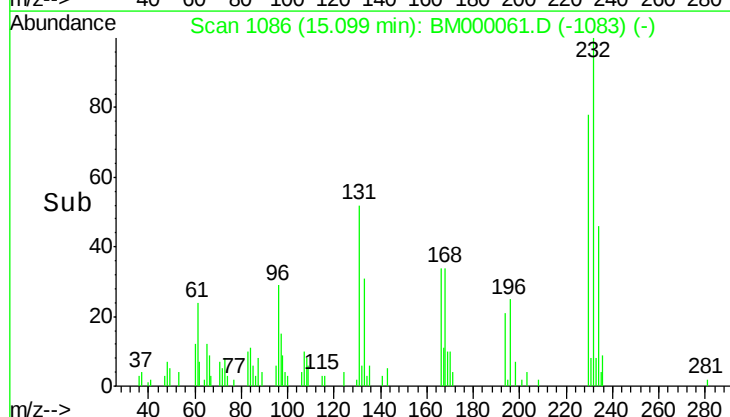
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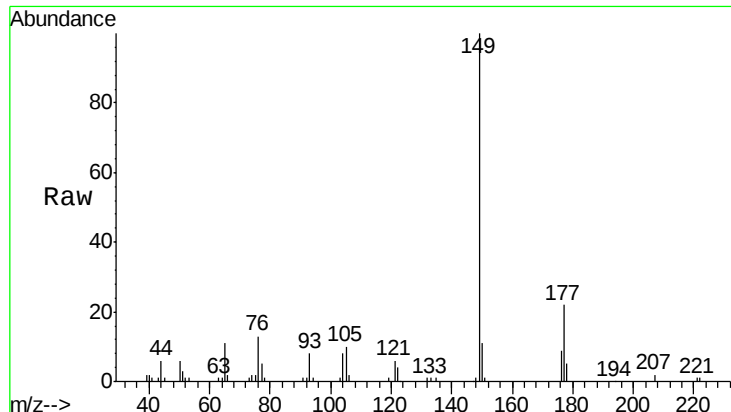
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.38 ng/ul
 RT: 15.10 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	22828		
131	51.7	43.4	65.0	
130	2.4	2.7	4.1#	
166	34.4	28.2	42.4	





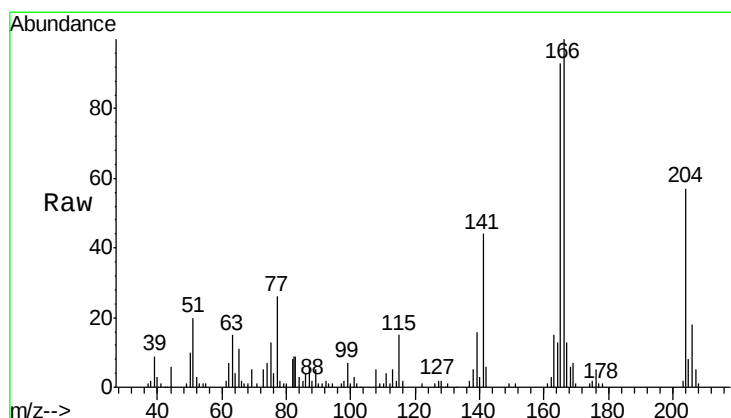
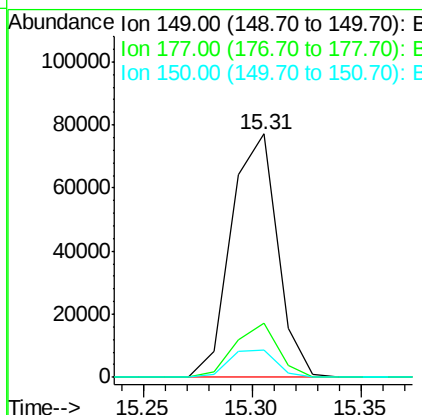
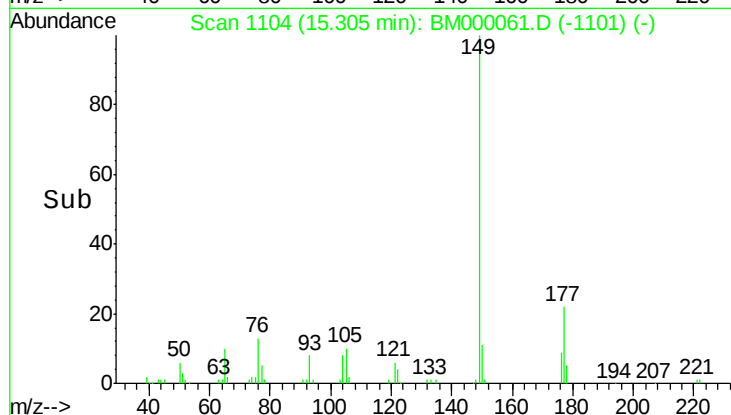
#56
Diethylphthalate
Concen: 2.55 ng/ul
RT: 15.31 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:149 Resp: 113983
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 11.4 10.5 15.7

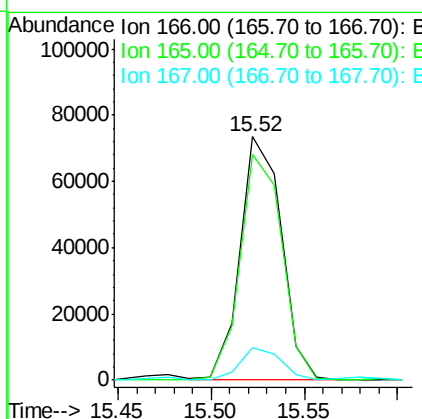
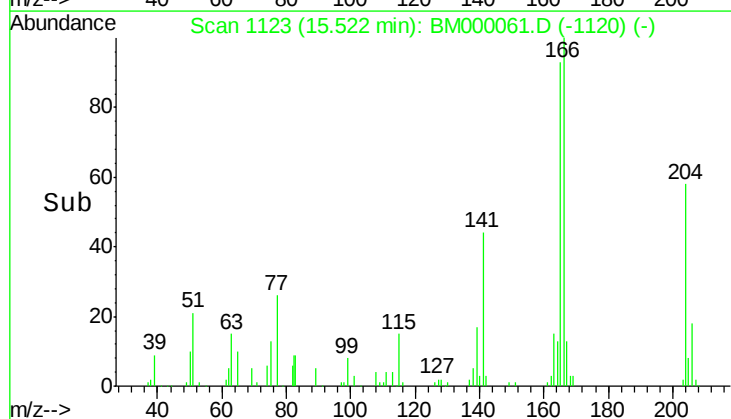
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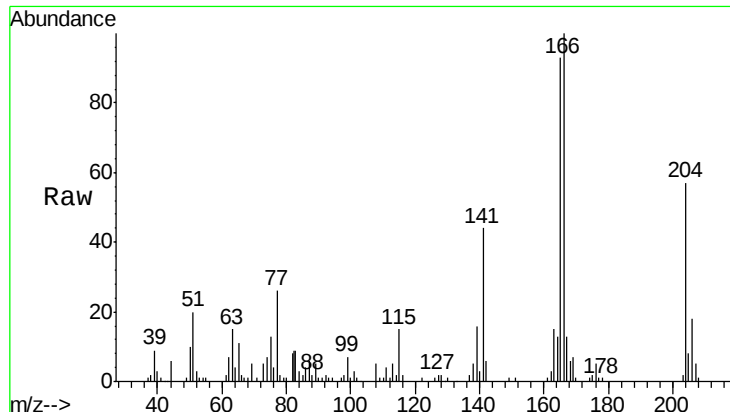
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#58
Fluorene
Concen: 2.73 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:166 Resp: 112815
Ion Ratio Lower Upper
166 100
165 92.5 76.0 114.0
167 13.2 10.2 15.4





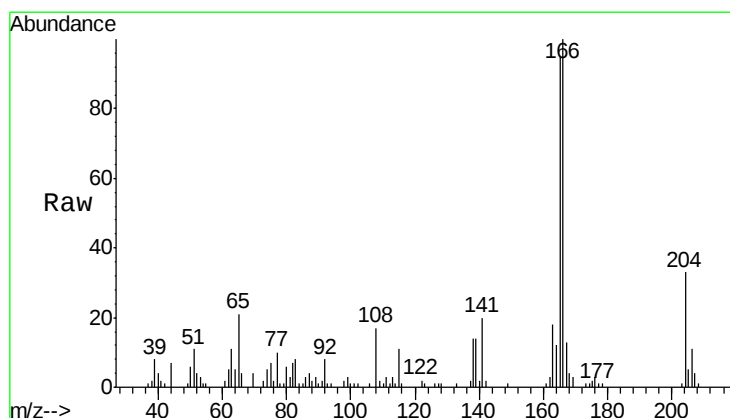
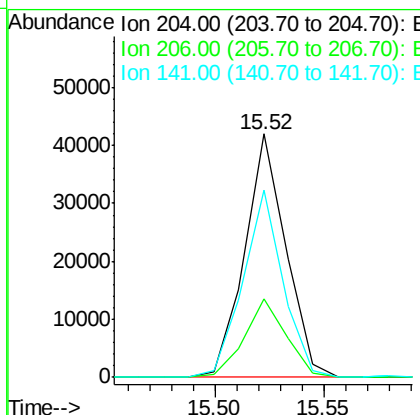
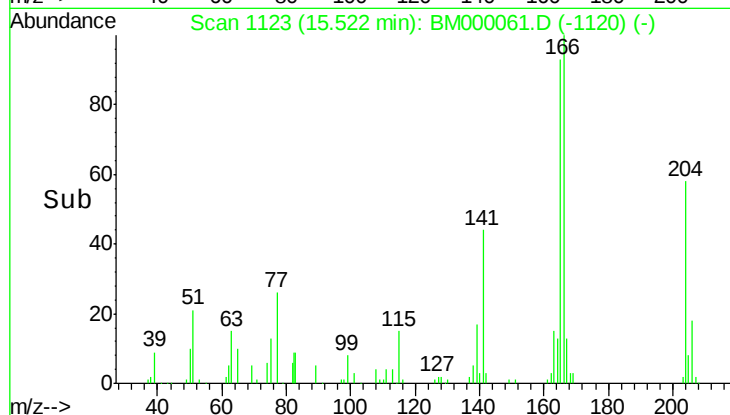
#59
4-Chlorophenyl-phenylether
Concen: 2.72 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:204 Resp: 55371
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 76.8 61.3 91.9

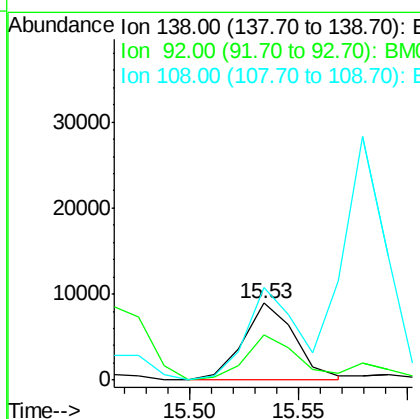
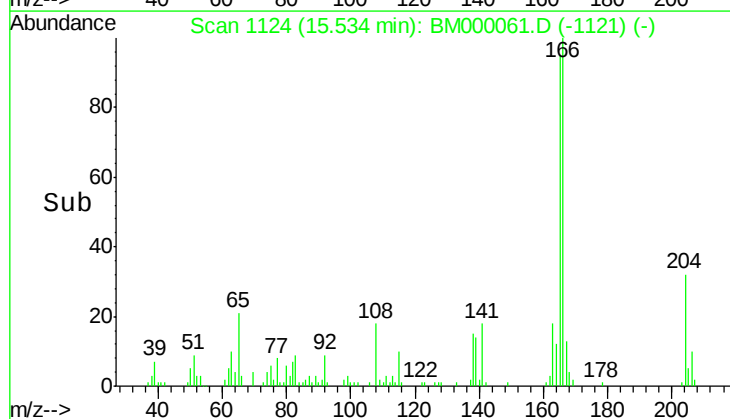
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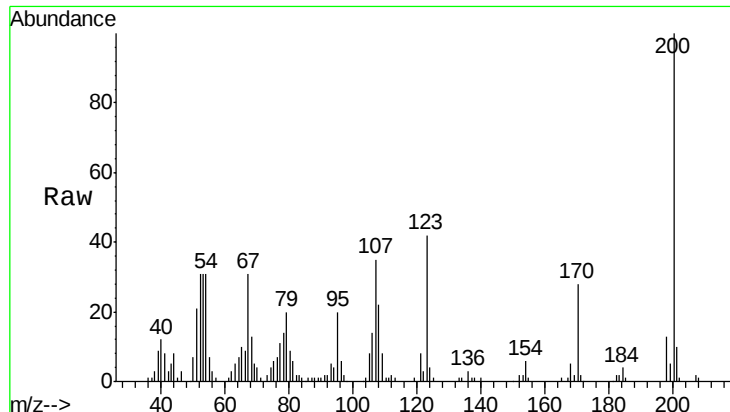
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#60
4-Nitroaniline
Concen: 1.68 ng/ul
RT: 15.53 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:138 Resp: 14761
Ion Ratio Lower Upper
138 100
92 58.7 49.3 73.9
108 120.0 110.3 165.5





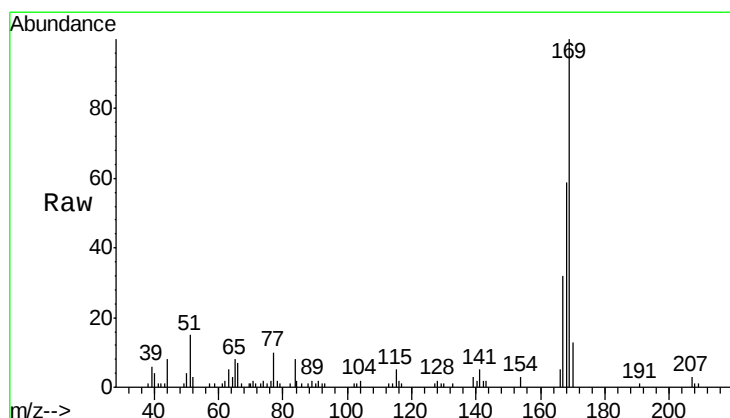
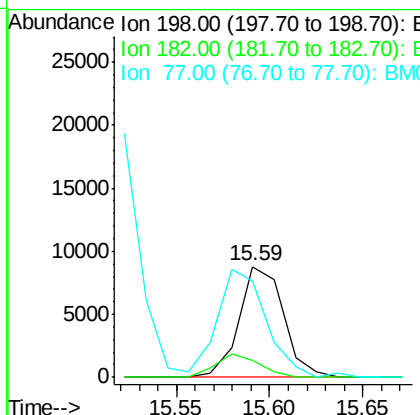
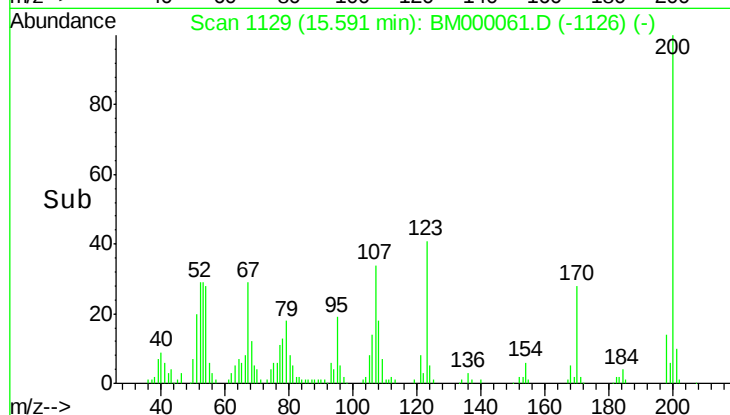
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.60 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:198 Resp: 14576
 Ion Ratio Lower Upper
 198 100
 182 15.7 2.6 4.0#
 77 87.0 25.2 37.8#

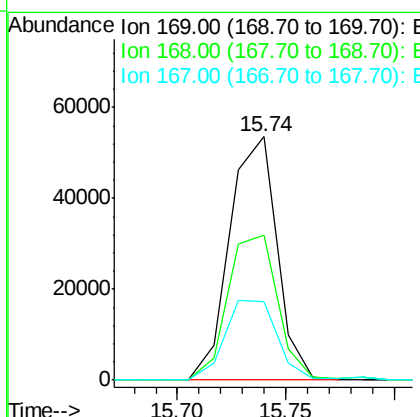
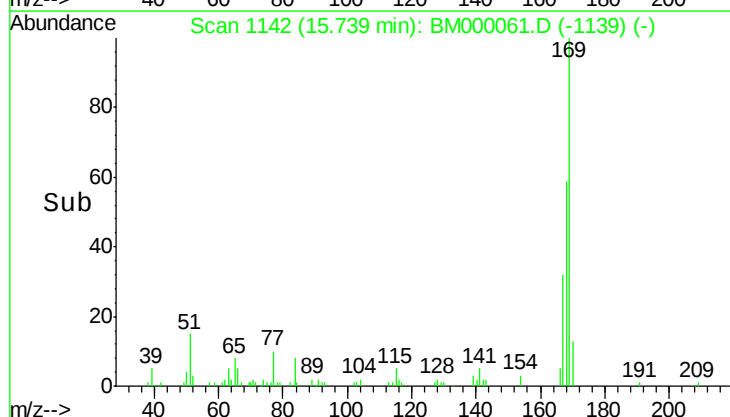
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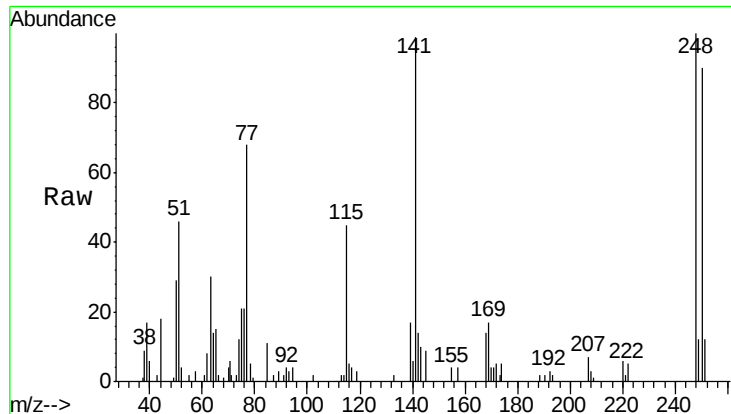
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#64
 N-Nitrosodiphenylamine
 Concen: 2.52 ng/ul
 RT: 15.74 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:169 Resp: 80942
 Ion Ratio Lower Upper
 169 100
 168 59.4 51.8 77.6
 167 32.0 28.1 42.1





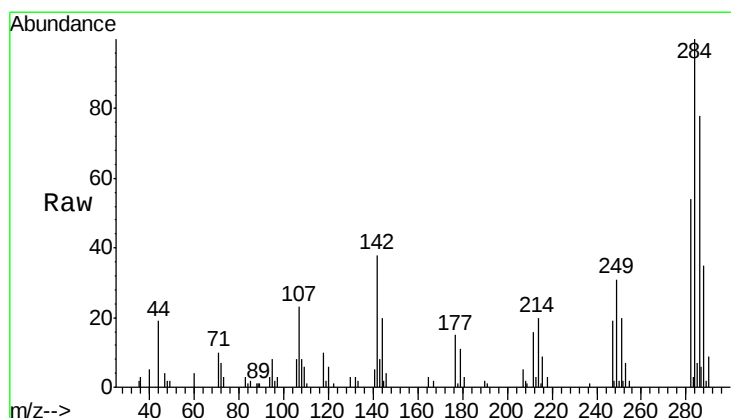
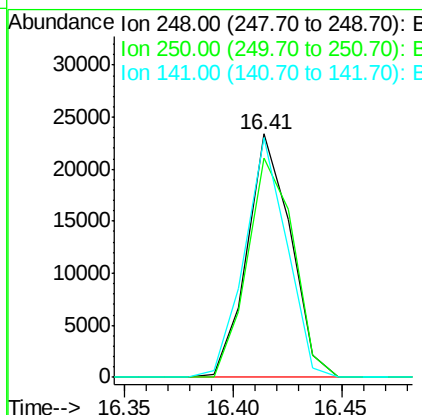
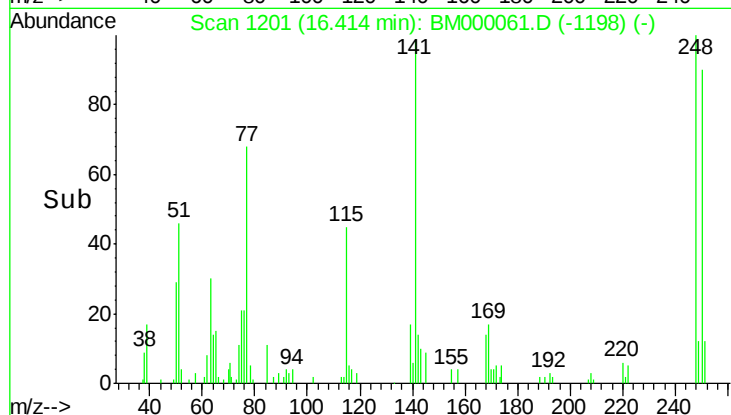
#65
 4-Bromophenyl-phenylether
 Concen: 2.90 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	248	Resp:	32731
Ion Ratio	Lower	Upper	
248	100		
250	90.0	78.4	117.6
141	98.6	67.0	100.4

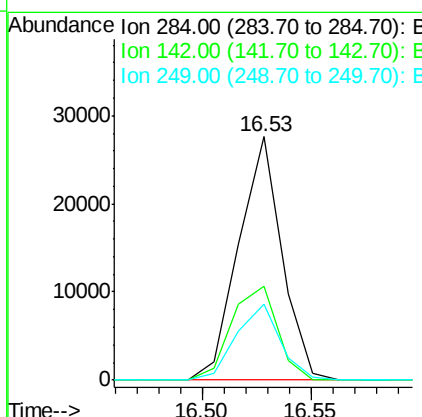
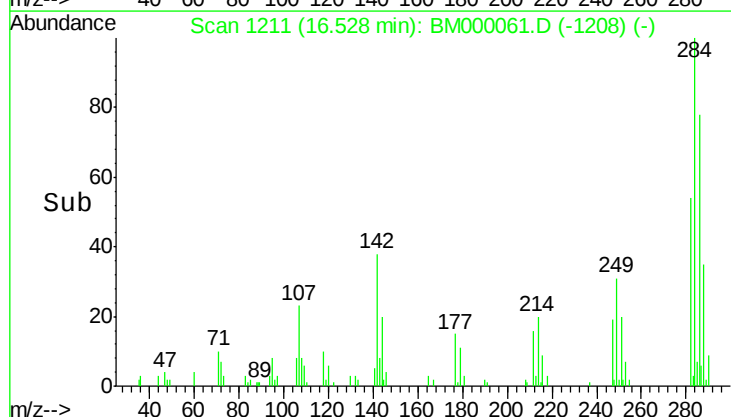
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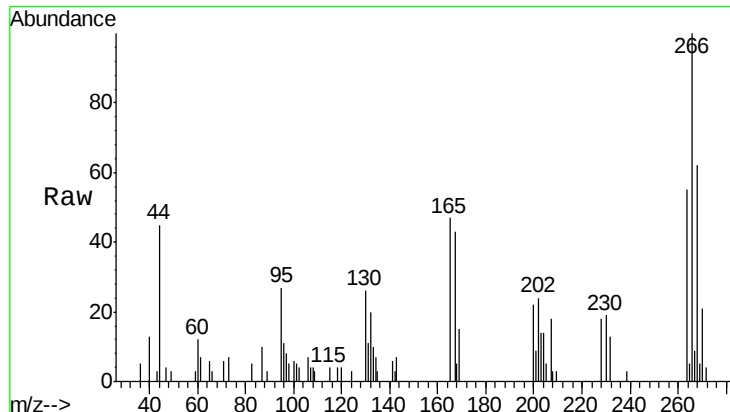
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#66
 Hexachlorobenzene
 Concen: 2.94 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:	284	Resp:	38200
Ion Ratio	Lower	Upper	
284	100		
142	38.4	32.4	48.6
249	31.4	26.7	40.1





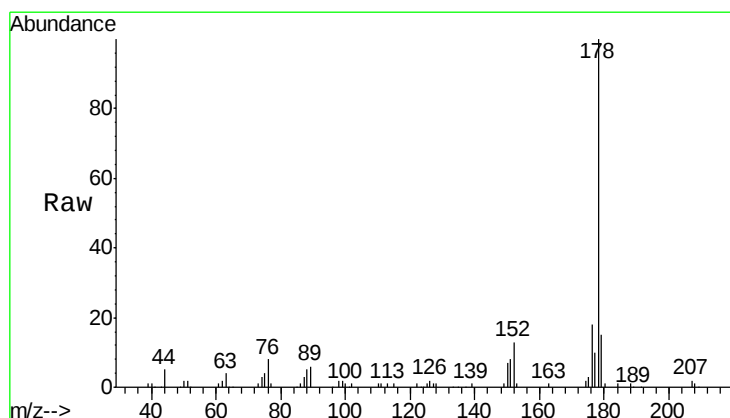
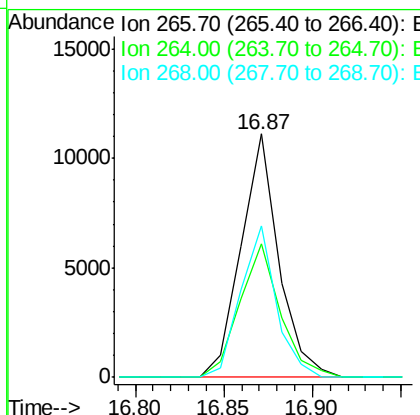
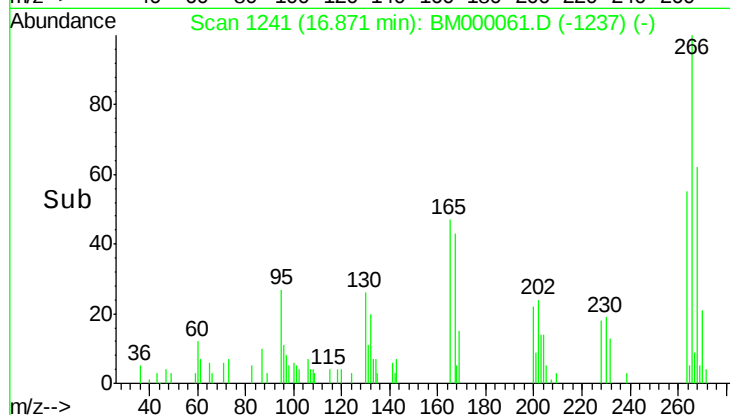
#68
 Pentachlorophenol
 Concen: 2.08 ng/ul m
 RT: 16.87 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	16407		
264	55.1	49.8	74.6	
268	62.0	48.2	72.4	

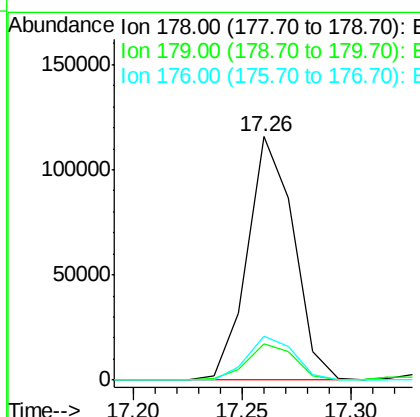
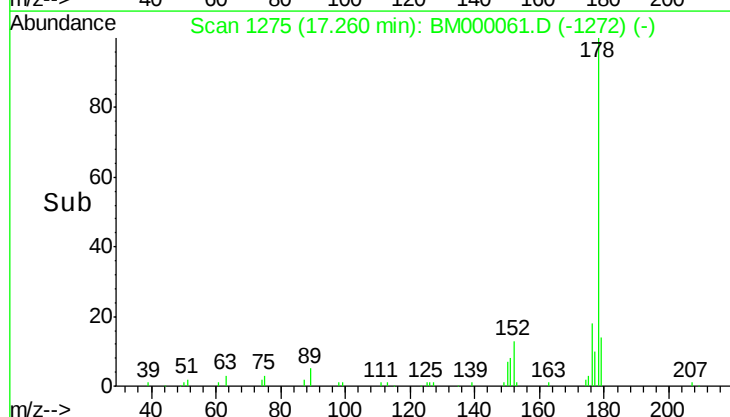
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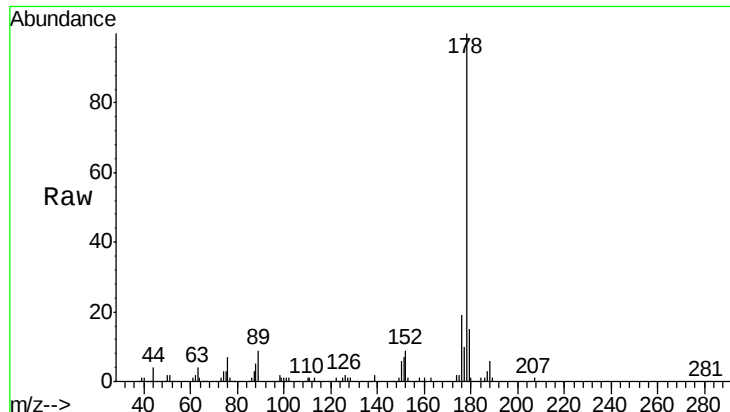
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#69
 Phenanthrene
 Concen: 2.86 ng/ul
 RT: 17.26 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	171049		
179	14.8	11.6	17.4	
176	18.0	14.6	22.0	





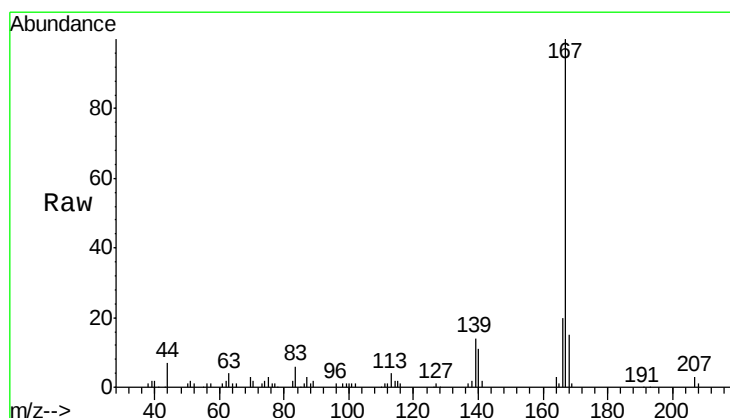
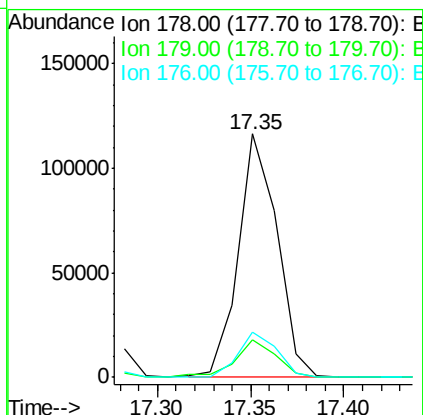
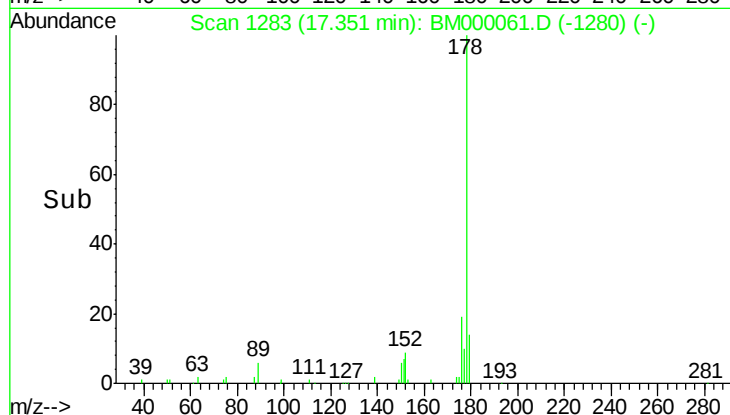
#71
 Anthracene
 Concen: 2.71 ng/ul
 RT: 17.35 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.6	14.6	21.8

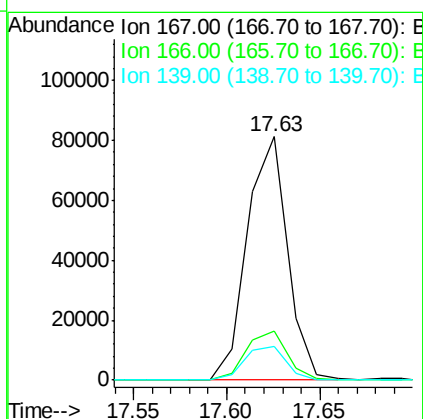
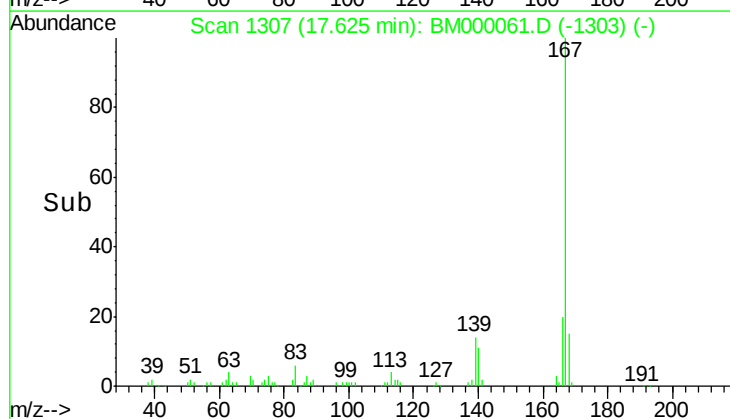
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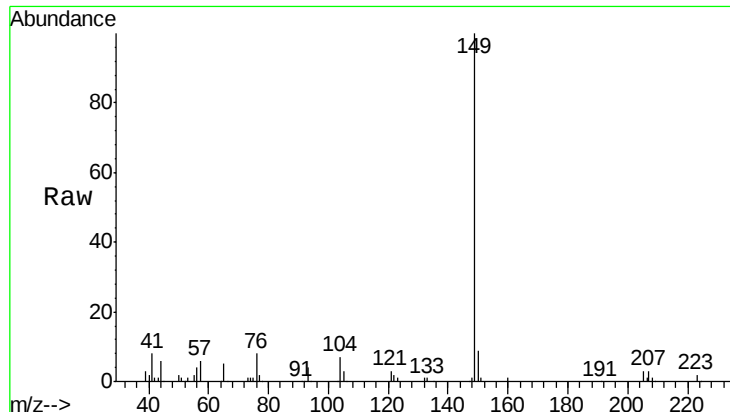
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#72
 Carbazole
 Concen: 2.20 ng/ul
 RT: 17.63 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.2	24.4
139	13.9	10.7	16.1





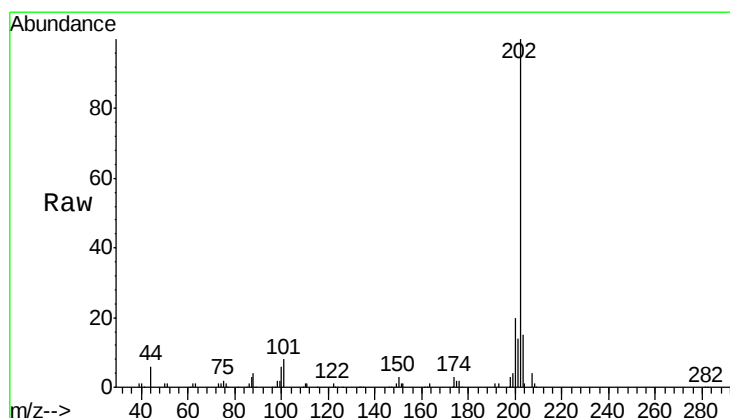
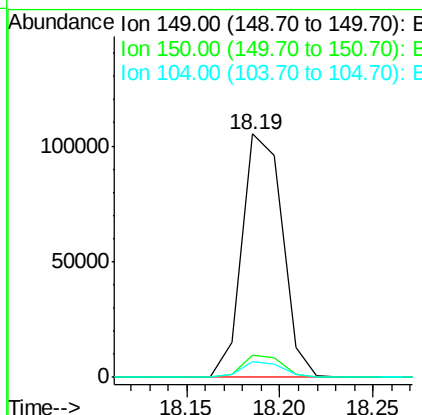
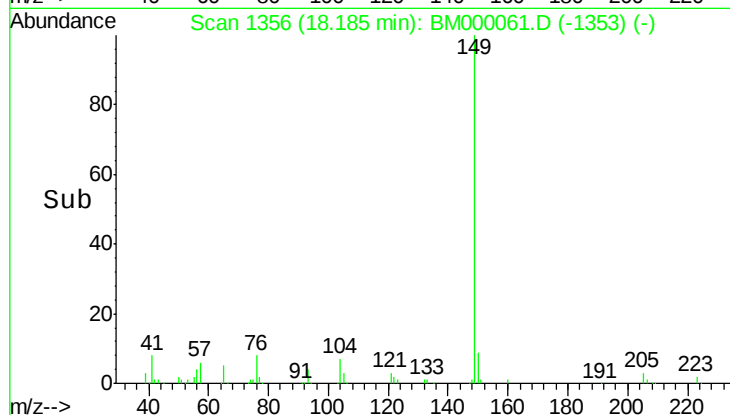
#73
Di-n-butylphthalate
Concen: 2.38 ng/ul
RT: 18.19 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	157690		
150	9.2	7.1	10.7	
104	6.7	4.8	7.2	

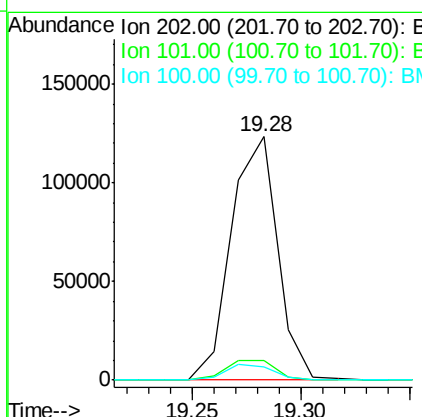
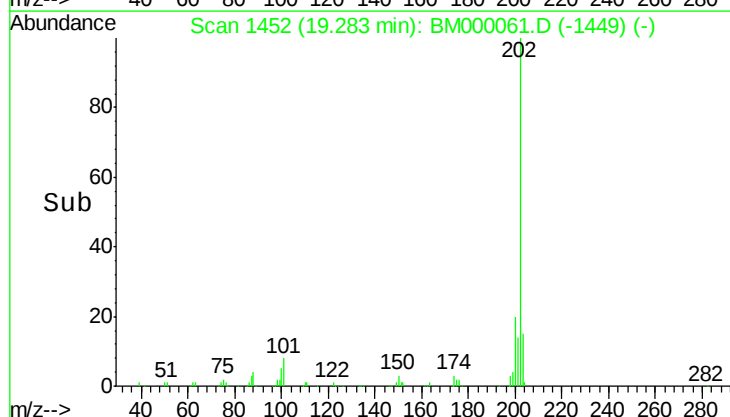
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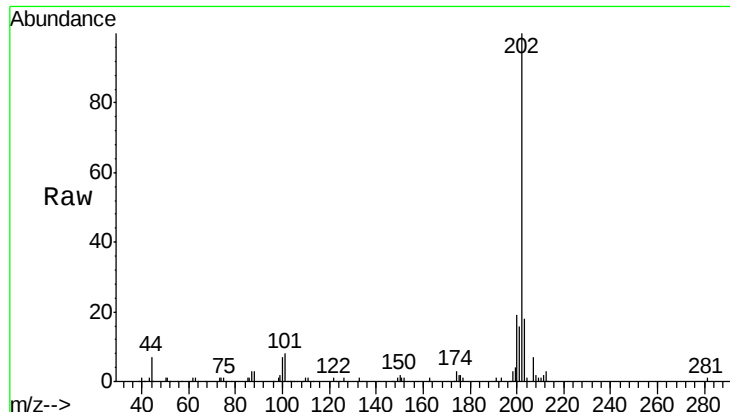
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#74
Fluoranthene
Concen: 2.67 ng/ul
RT: 19.28 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	183136		
101	7.9	6.4	9.6	
100	5.5	4.6	7.0	





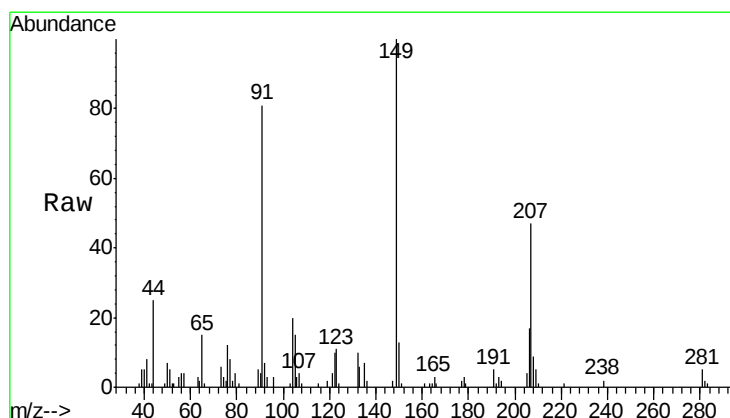
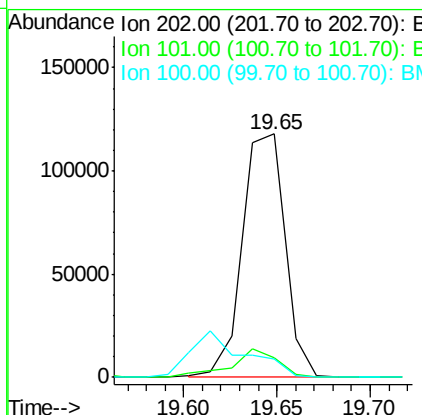
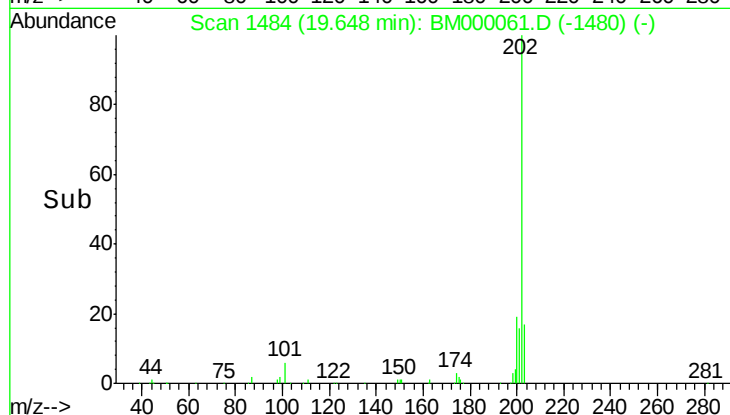
#77
Pyrene
Concen: 3.14 ng/ul
RT: 19.65 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	186437		
101	7.9	6.9	10.3	
100	7.4	5.5	8.3	

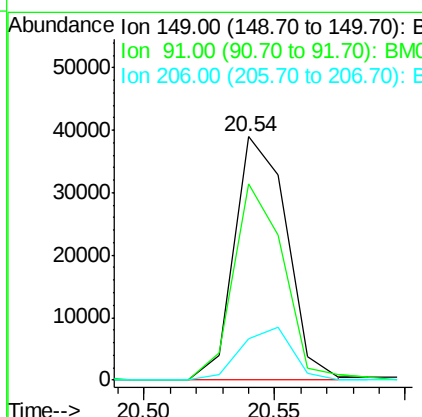
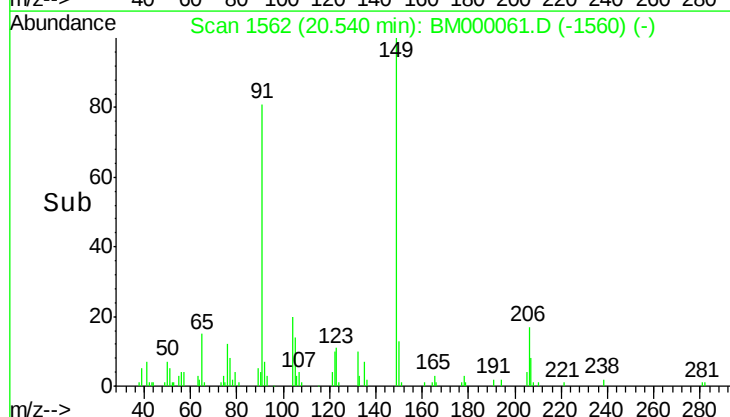
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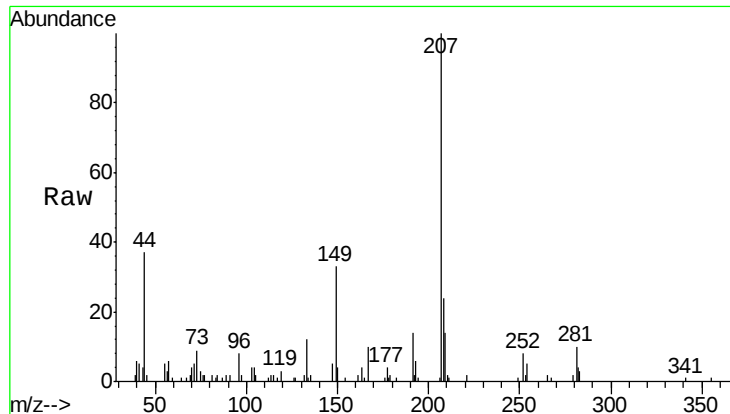
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#78
Butylbenzylphthalate
Concen: 2.28 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	54901		
91	80.8	56.6	84.8	
206	16.9	16.8	25.2	





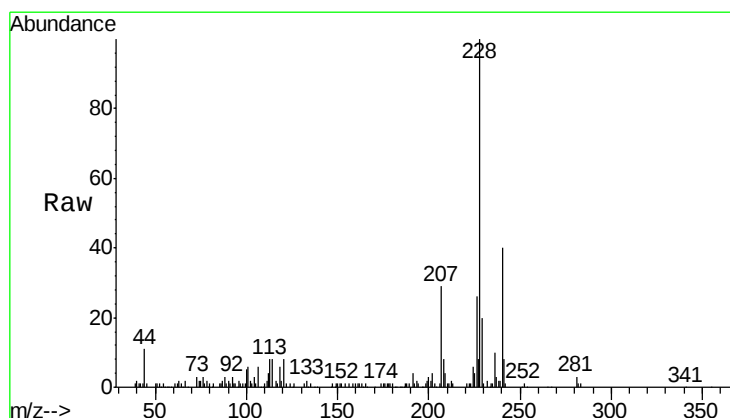
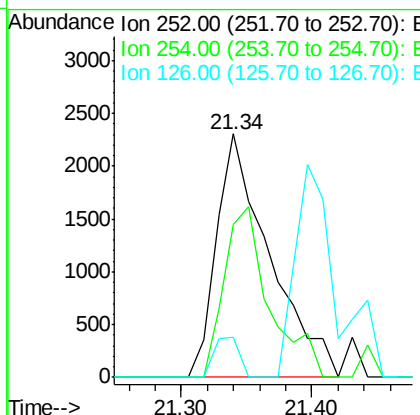
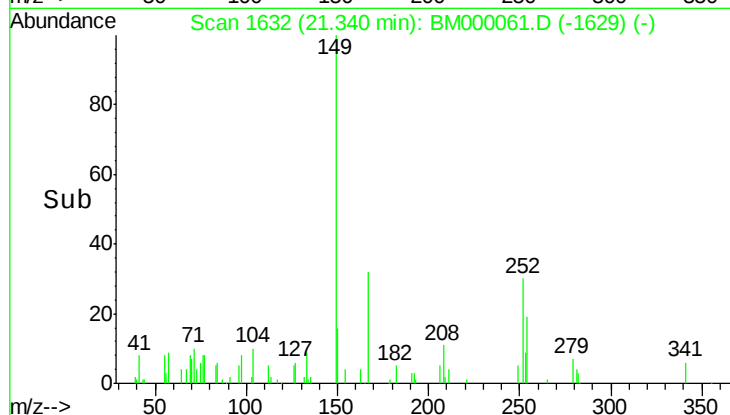
#79
 3,3'-Dichlorobenzidine
 Concen: 0.36 ng/ul
 RT: 21.34 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.2	76.8
126	16.3	7.9	11.9#

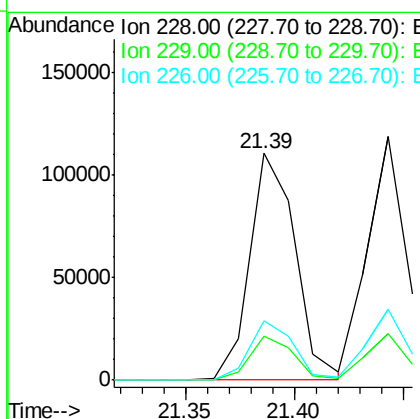
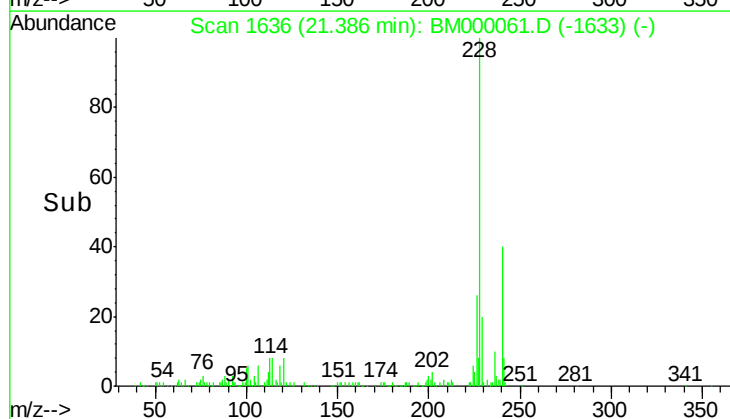
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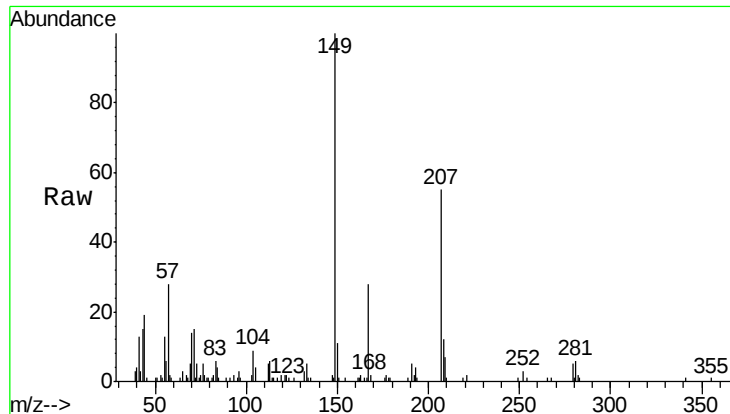
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#80
 Benzo(a)anthracene
 Concen: 2.85 ng/ul
 RT: 21.39 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	26.0	20.7	31.1





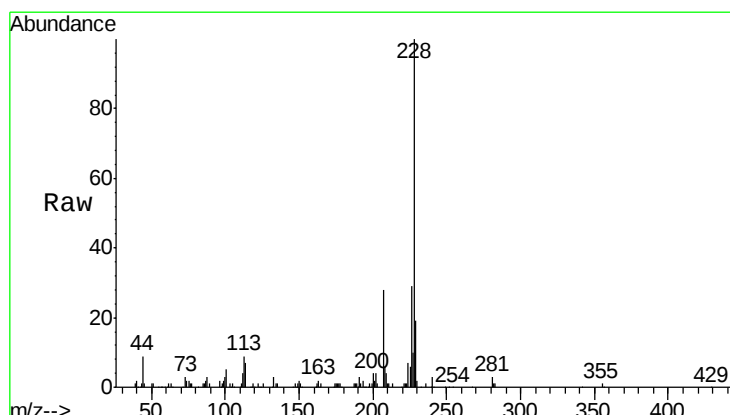
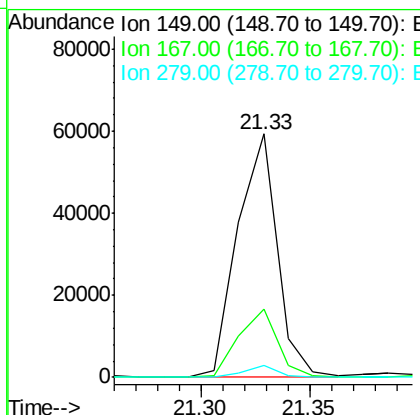
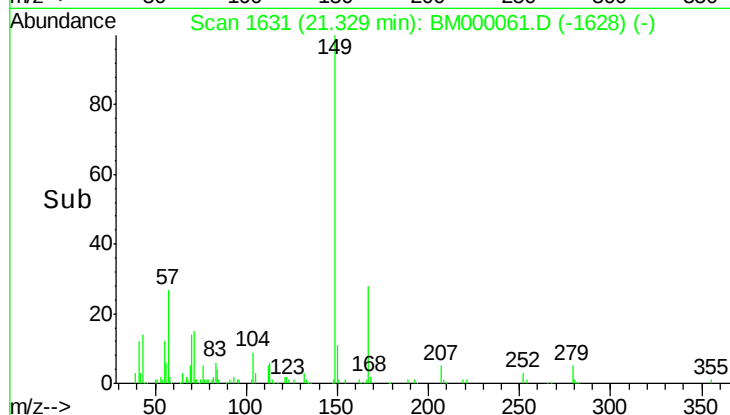
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.15 ng/ul
 RT: 21.33 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	75510		
167	27.8	22.1	33.1	
279	5.1	3.0	4.6	

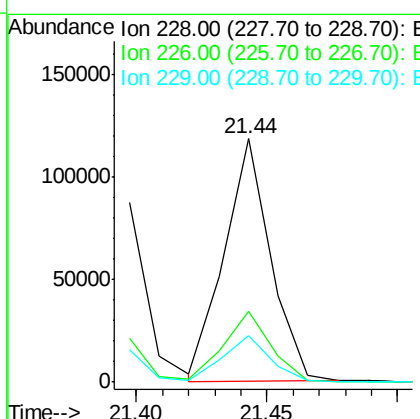
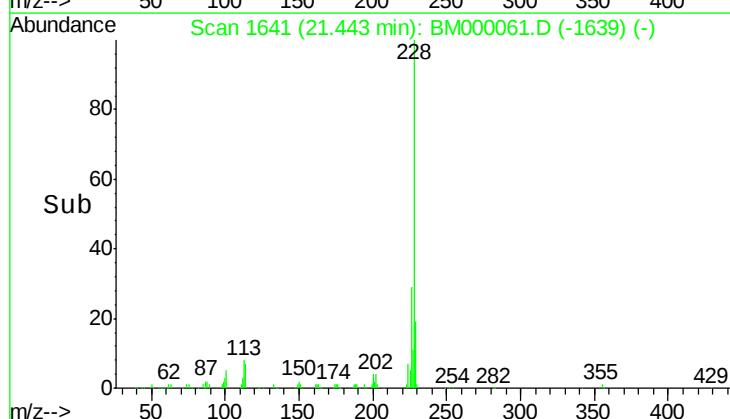
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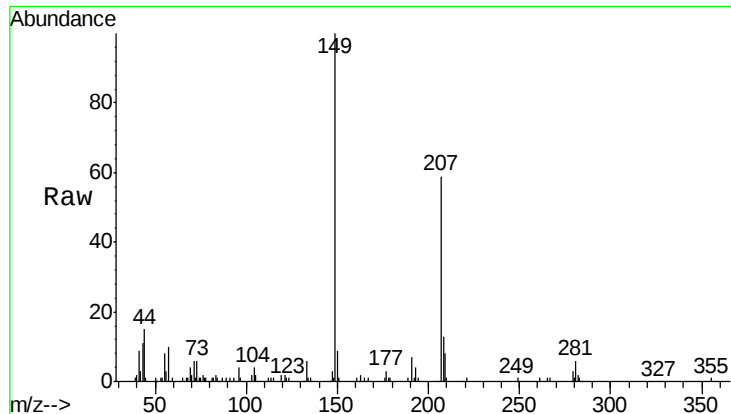
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#82
 Chrysene
 Concen: 2.79 ng/ul
 RT: 21.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	145829		
226	29.2	23.0	34.4	
229	19.1	15.6	23.4	





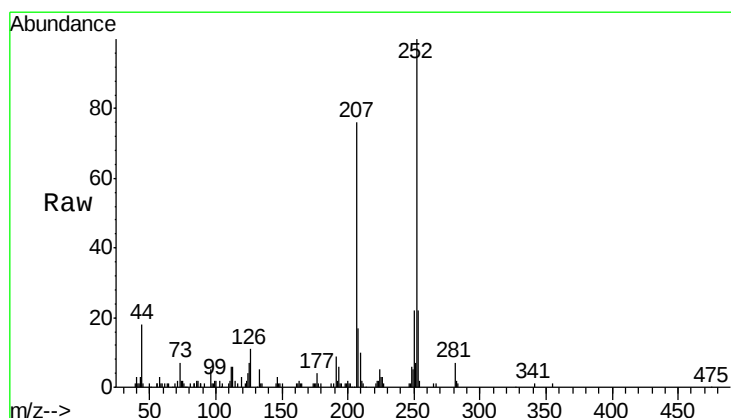
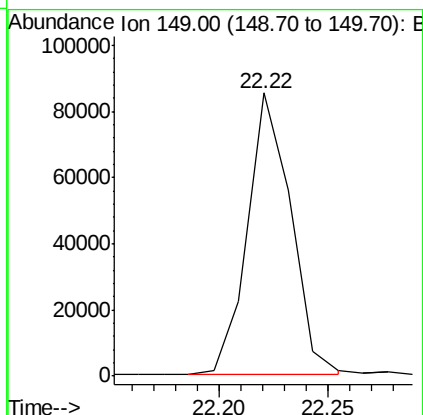
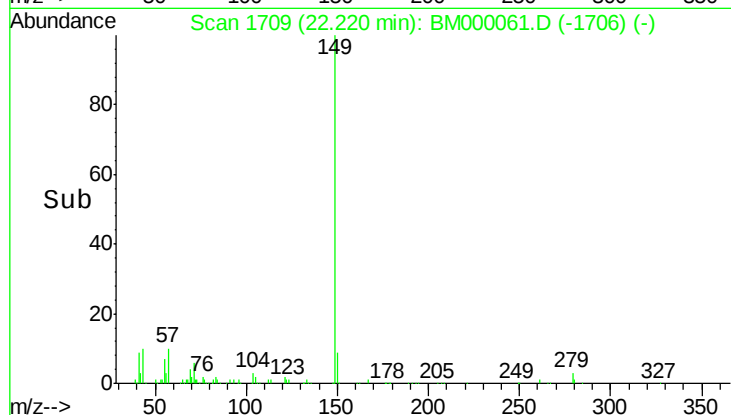
#84
 Di-n-octyl phthalate
 Concen: 2.59 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:149 Resp: 118397

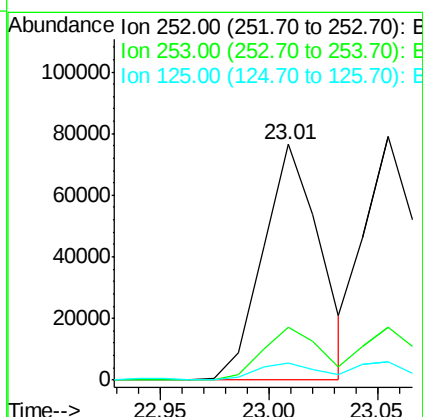
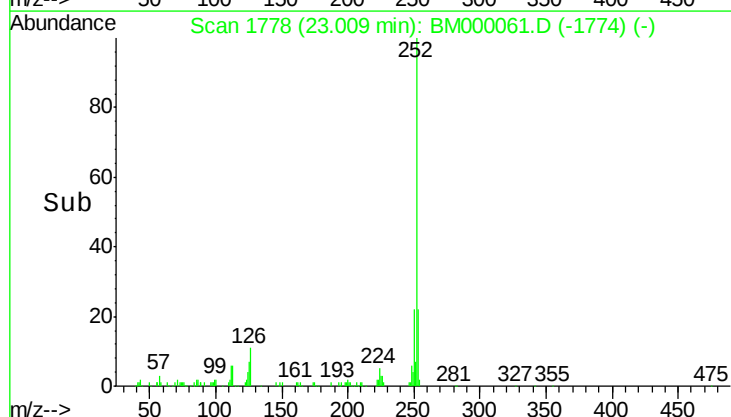
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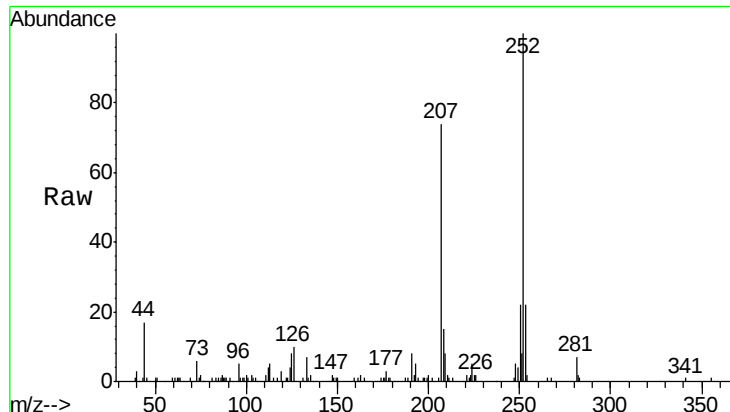
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#85
 Benzo(b)fluoranthene
 Concen: 3.29 ng/ul
 RT: 23.01 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion:252 Resp: 139587
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.1 25.7
 125 7.1 4.8 7.2





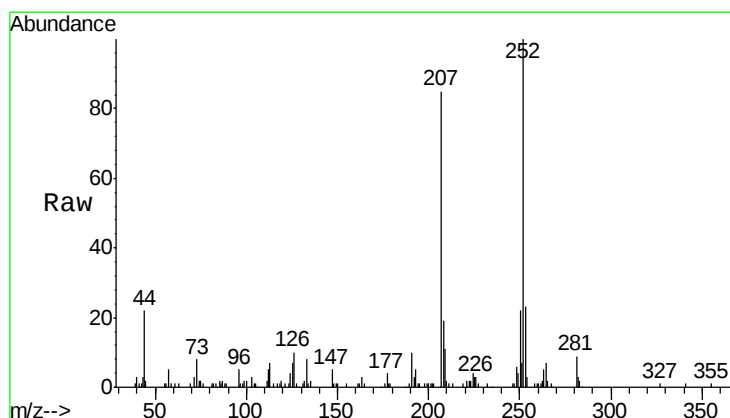
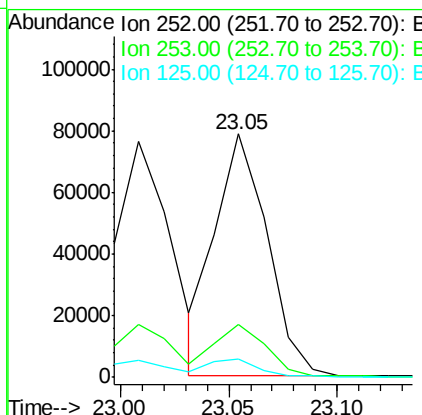
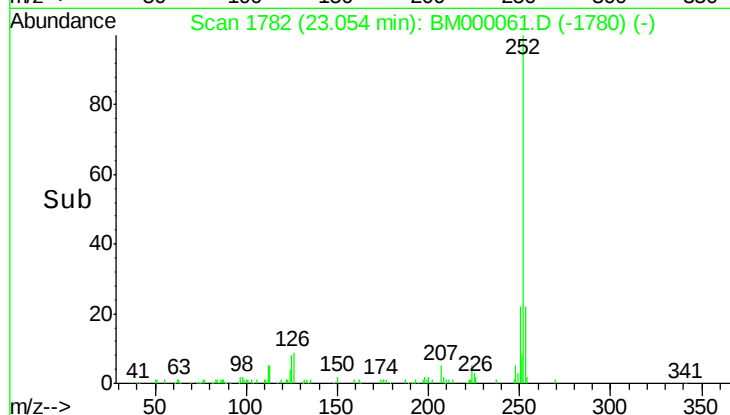
#86
Benzo(k)fluoranthene
Concen: 3.59 ng/u1
RT: 23.05 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Tgt Ion:252 Resp: 130269
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 7.7 4.9 7.3#

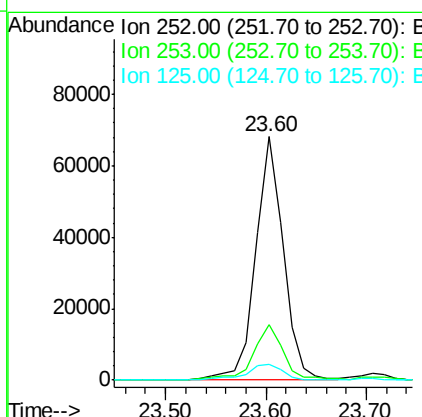
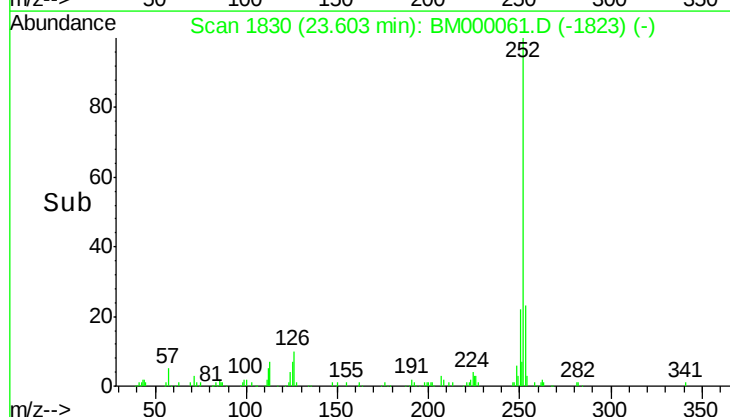
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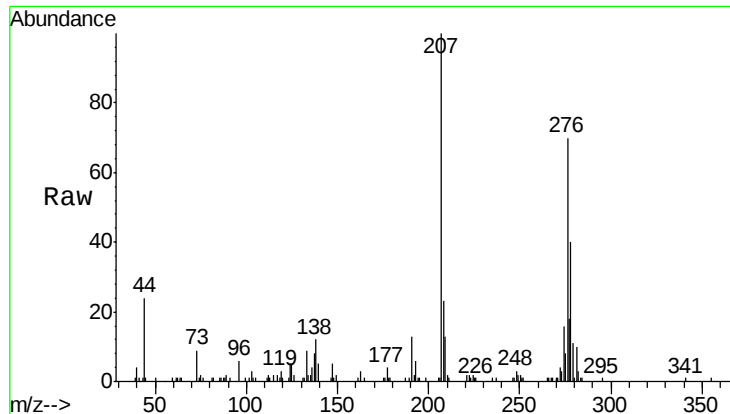
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#88
Benzo(a)pyrene
Concen: 3.50 ng/u1
RT: 23.60 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM000061.D
Acq: 29 Dec 2014 16:11

Tgt Ion:252 Resp: 130752
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 6.6 5.8 8.6





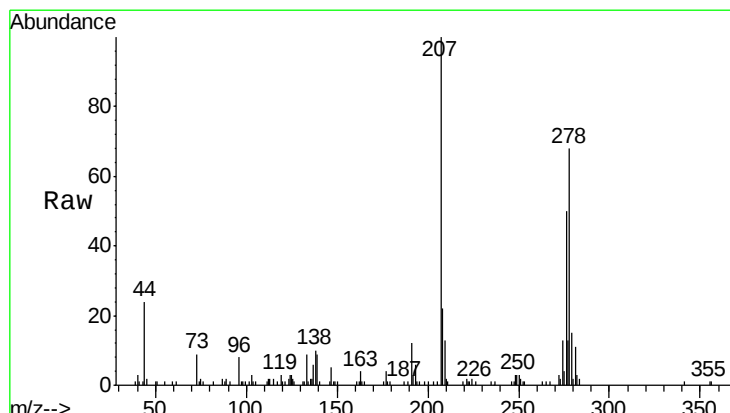
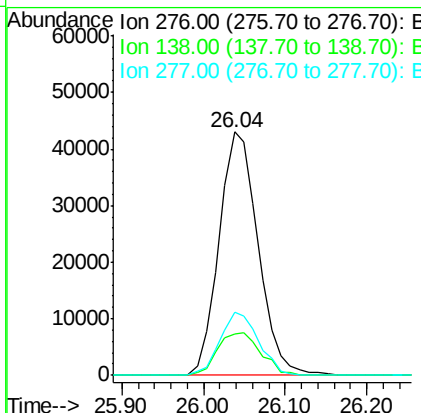
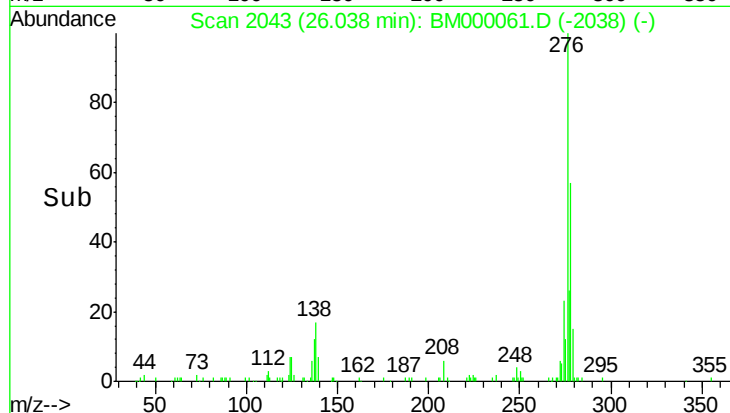
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.66 ng/ul
 RT: 26.04 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.2	21.2
277	26.1	18.8	28.2

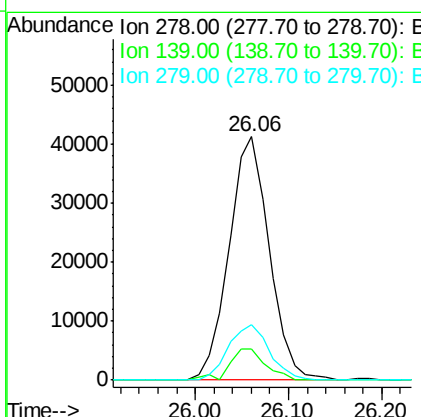
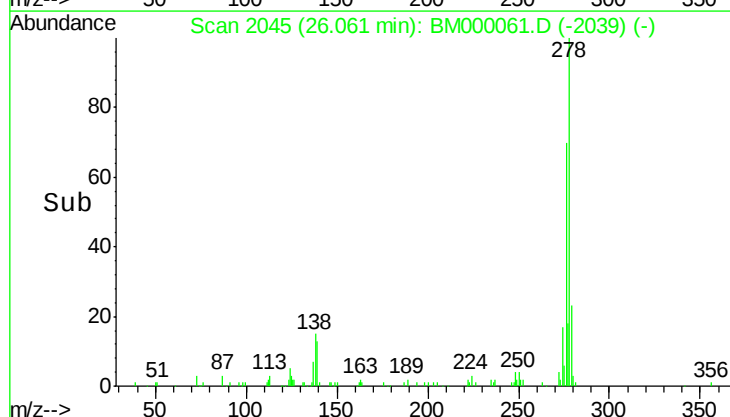
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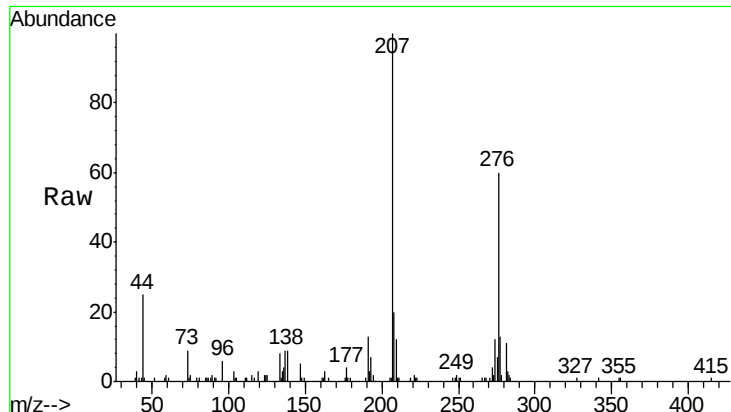
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#90
 Dibenzo(a,h)anthracene
 Concen: 3.78 ng/ul
 RT: 26.06 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	22.6	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 3.65 ng/ul
 RT: 26.76 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM000061.D
 Acq: 29 Dec 2014 16:11

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-4

Tgt Ion:	276	Resp:	116770
Ion Ratio	Lower	Upper	
276	100		
138	15.4	12.1	18.1
277	22.2	19.0	28.4

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