

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
 Data File : BM000093.D
 Acq On : 31 Dec 2014 16:06
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-02-WATER-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-2

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:25:37 AM

Quant Time: Jan 01 00:40:41 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	217017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	896554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	668462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1397824	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1369372	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	997073	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22720	6.07	ng/uL	0.00
5) Phenol-d5	7.00	99	712308	37.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	383783	33.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	514777	38.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	550537	37.07	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	228308	36.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	252397	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	528786	37.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	424857	26.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1707155	34.63	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1977482	33.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	270654	33.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	1422928	33.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	236482	34.11	ng/ul	0.00
70) Anthracene-d10	17.32	188	2191270	33.90	ng/ul	0.00
76) Pyrene-d10	19.61	212	2343592	37.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1521834	33.82	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	34372	6.63 ng/uL	88
4) Benzaldehyde	6.98	77	40087	3.42 ng/ul	90
6) Phenol	7.03	94	147093	7.52 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	102911	6.88 ng/ul	94
10) 2-Chlorophenol	7.41	128	107296	7.66 ng/ul	97
11) 2-Methylphenol	8.28	108	109874	7.28 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	170464	7.07 ng/ul	99
14) Acetophenone	8.65	105	159399	6.29 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	88696	6.68 ng/ul	95
16) 4-Methylphenol	8.60	108	117192	7.17 ng/ul	90
17) Hexachloroethane	8.92	117	43005	6.72 ng/ul	88
20) Nitrobenzene	9.04	77	134965	7.30 ng/ul	96
21) Isophorone	9.56	82	242829	6.81 ng/ul	97
23) 2-Nitrophenol	9.75	139	52238	7.47 ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	144664	7.63 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	135194	6.82 ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	109405	7.84 ng/ul	95
28) Naphthalene	10.69	128	313963	6.87 ng/ul	99
30) 4-Chloroaniline	10.79	127	74745	4.56 ng/ul	98
31) Hexachlorobutadiene	10.97	225	71356	7.21 ng/ul	92
32) Caprolactam	11.59	113	31123m	6.70 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	129799	7.58 ng/ul	97
34) 2-Methylnaphthalene	12.29	142	235454	6.95 ng/ul	97

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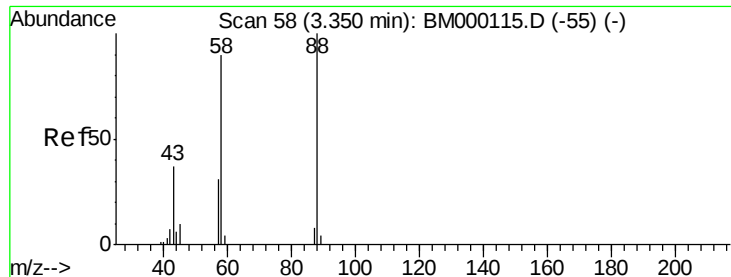
Manual Integrations
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	127272	6.87	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	64935	5.30	ng/ul	98
38) 2,4,6-Trichlorophenol	12.91	196	83153	7.03	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	91023	7.09	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	325197	6.75	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	244643	6.63	ng/ul	97
42) 2-Nitroaniline	13.55	65	82571	6.90	ng/ul	93
44) Dimethylphthalate	13.93	163	337881	6.88	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	58765	6.69	ng/ul	87
47) Acenaphthylene	14.20	152	408506	6.56	ng/ul	100
48) 3-Nitroaniline	14.38	138	28128	3.13	ng/ul	97
49) Acenaphthene	14.54	153	266317	6.71	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	28575	6.41	ng/ul	91
52) 4-Nitrophenol	14.68	109	75452	7.12	ng/ul	95
53) Dibenzofuran	14.87	168	387315	6.74	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	90220	6.88	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	78526	7.09	ng/ul	89
56) Diethylphthalate	15.29	149	353417	6.85	ng/ul	99
58) Fluorene	15.52	166	324411	6.80	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	161047	6.85	ng/ul	92
60) 4-Nitroaniline	15.53	138	57370	5.64	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	48879	6.89	ng/ul#	75
64) N-Nitrosodiphenylamine	15.73	169	259650	6.41	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	98666	6.93	ng/ul	99
66) Hexachlorobenzene	16.52	284	113986	6.94	ng/ul	91
67) Atrazine	16.68	200	6293	0.39	ng/ul	97
68) Pentachlorophenol	16.86	266	58333	5.84	ng/ul	98
69) Phenanthrene	17.26	178	528286	6.98	ng/ul	99
71) Anthracene	17.35	178	518721	6.67	ng/ul	99
72) Carbazole	17.61	167	444323	6.34	ng/ul	99
73) Di-n-butylphthalate	18.19	149	565909	6.77	ng/ul	100
74) Fluoranthene	19.27	202	604123	6.96	ng/ul	99
77) Pyrene	19.64	202	619174	7.50	ng/ul	98
78) Butylbenzylphthalate	20.54	149	228090	6.80	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	15160	0.61	ng/ul#	85
80) Benzo(a)anthracene	21.39	228	540776	6.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	324232	6.64	ng/ul	98
82) Chrysene	21.44	228	500159	6.86	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	521304	7.60	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	520748	8.18	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	398264	7.33	ng/ul	99
88) Benzo(a)pyrene	23.60	252	409448	7.33	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	436903	7.49	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	374758	7.63	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	359849	7.51	ng/ul	98

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



#2

1,4-Dioxane

Concen: 6.63 ng/uL

RT: 3.36 min Scan# 59

Delta R.T. 0.01 min

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Instrument :

BNA_M

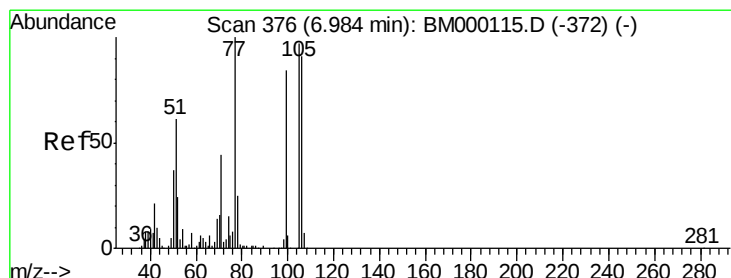
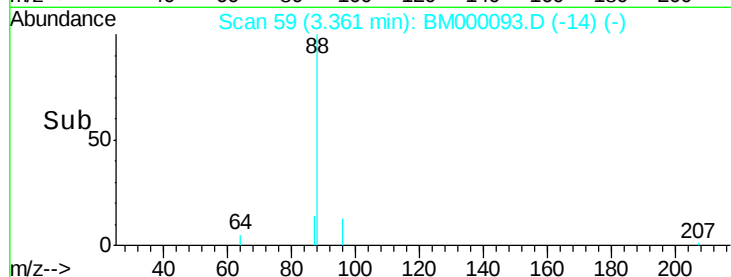
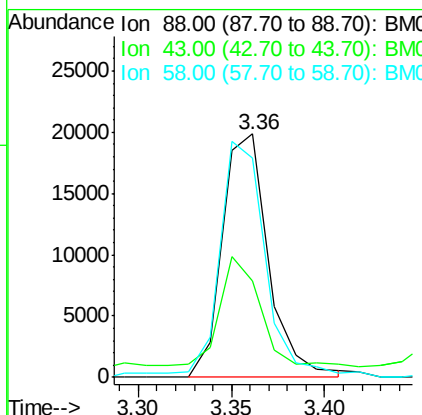
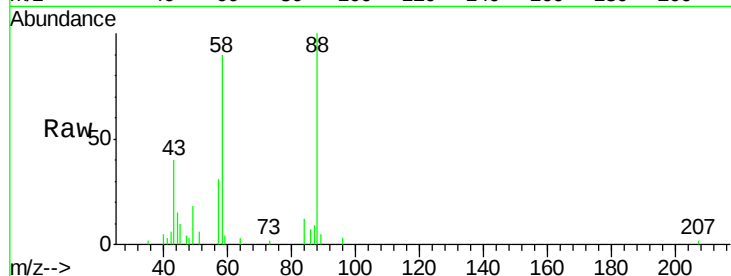
ClientSampleId :

MDLWater-2

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Tgt Ion:	88	Resp:	34372
Ion	Ratio	Lower	Upper
88	100		
43	37.7	34.9	52.3
58	95.9	67.3	100.9



#4

Benzaldehyde

Concen: 3.42 ng/uL

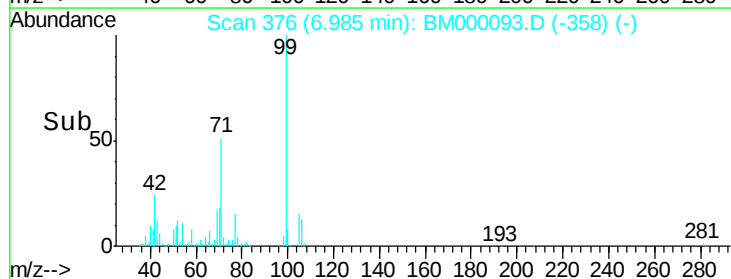
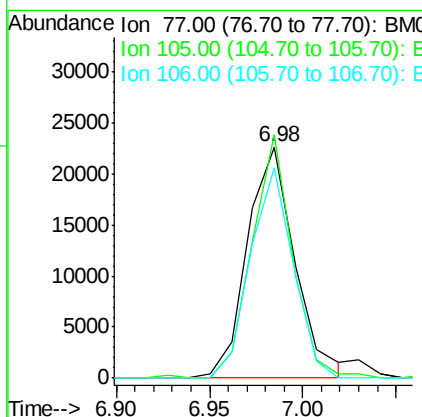
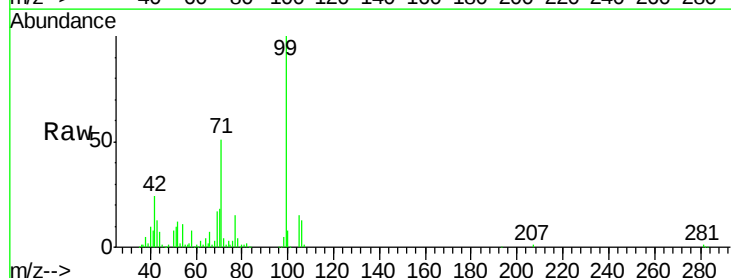
RT: 6.98 min Scan# 376

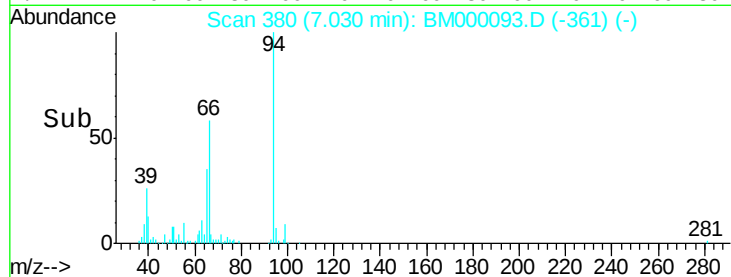
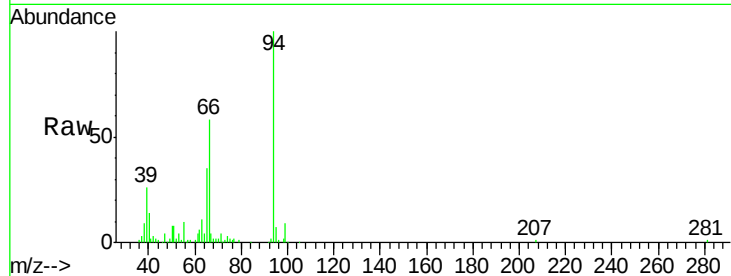
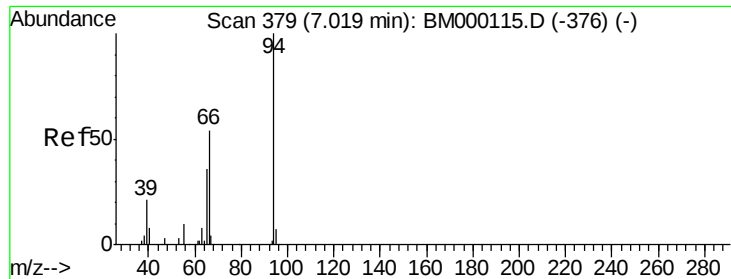
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	77	Resp:	40087
Ion	Ratio	Lower	Upper
77	100		
105	105.3	73.5	110.3
106	90.8	67.9	101.9





#6

Phenol

Concen: 7.52 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. 0.01 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	94	Resp:	147093
Ion	Ratio	Lower	Upper
94	100		
65	34.8	27.4	41.0
66	57.9	42.5	63.7

Instrument :

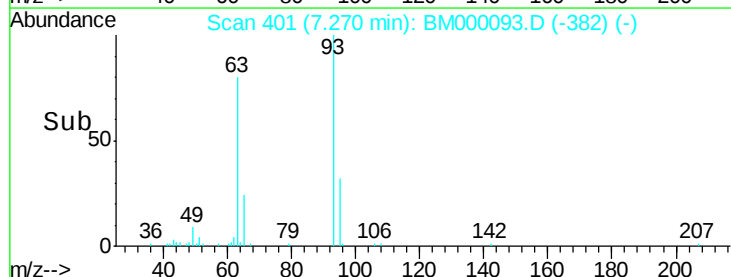
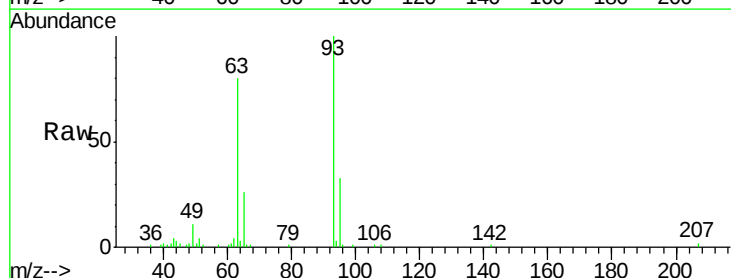
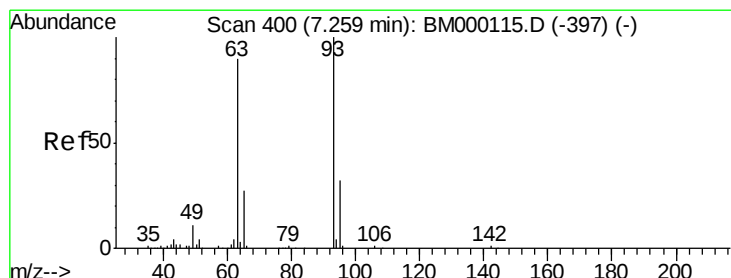
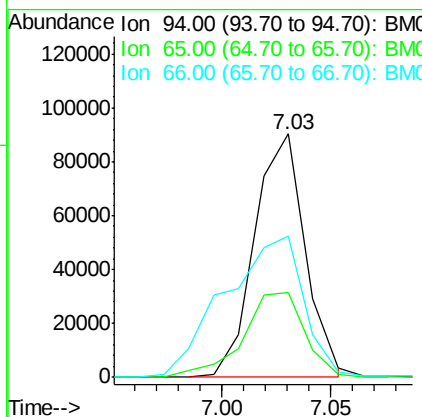
BNA_M

ClientSampleId :

MDLWater-2

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 6.88 ng/ul

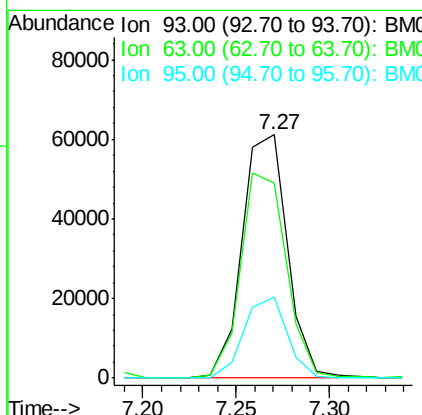
RT: 7.27 min Scan# 401

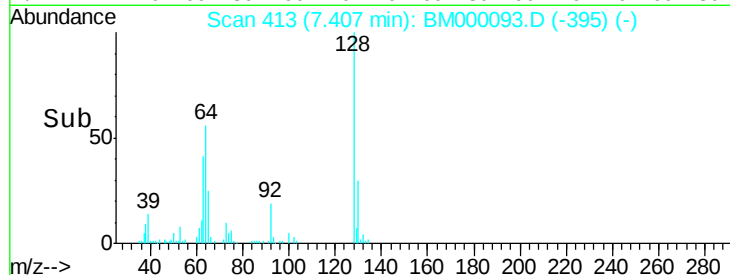
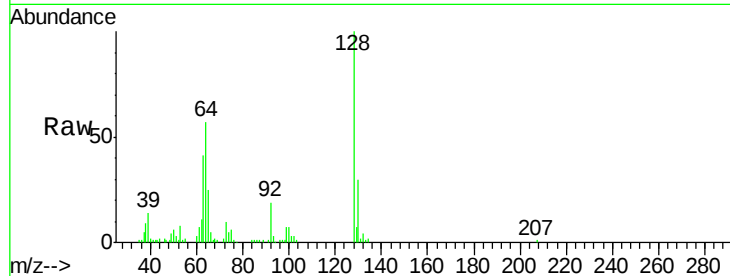
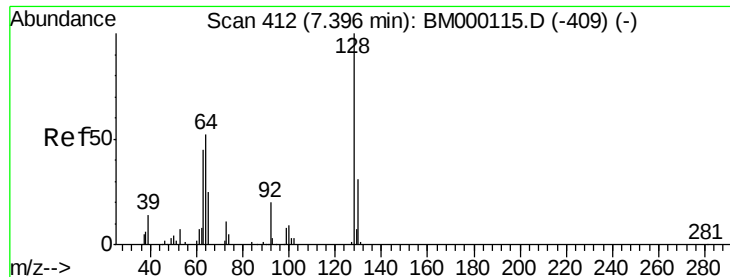
Delta R.T. 0.01 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	93	Resp:	102911
Ion	Ratio	Lower	Upper
93	100		
63	80.1	68.9	103.3
95	33.1	24.6	37.0





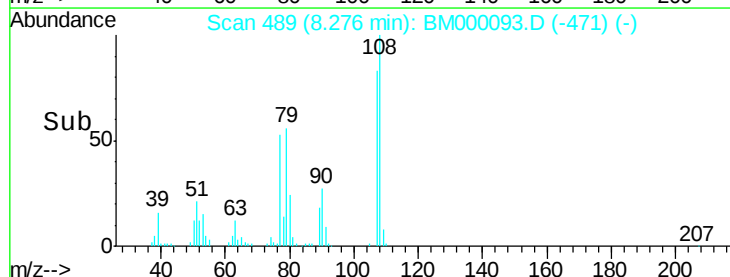
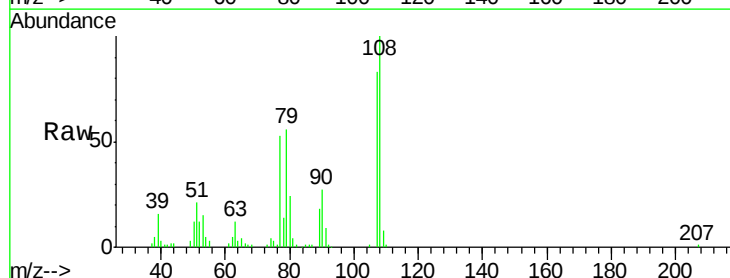
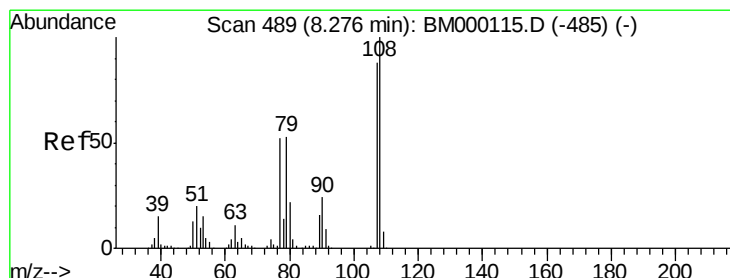
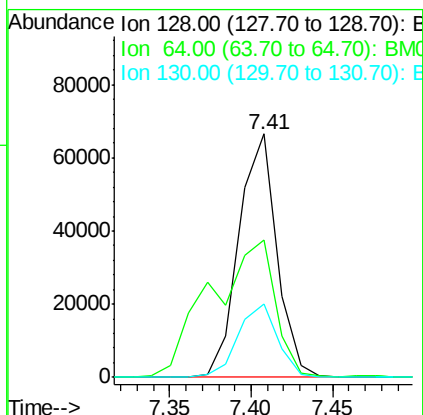
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2-Chlorophenol
Concen: 7.66 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	107296		
64	56.6		47.2	70.8
130	30.2		25.2	37.8

Instrument :
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ClientSampleId :
MDLWater-2

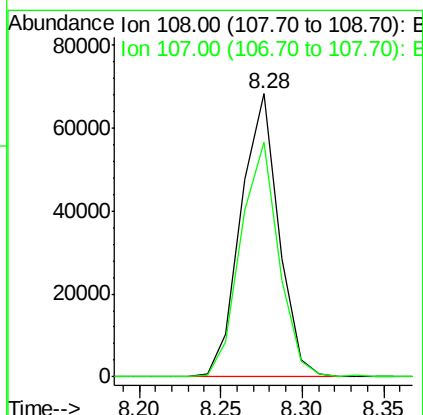
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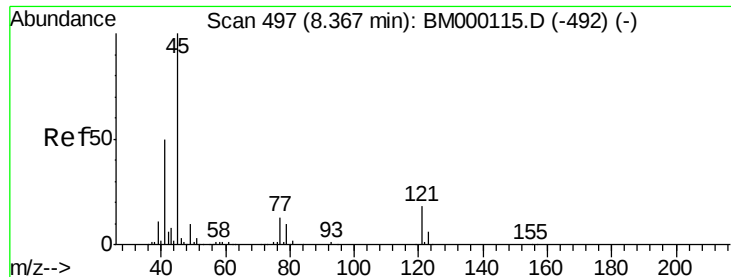
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1/7/2015 9:25:37 AM



#11
2-Methylphenol
Concen: 7.28 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	109874		
107	83.0		70.7	106.1





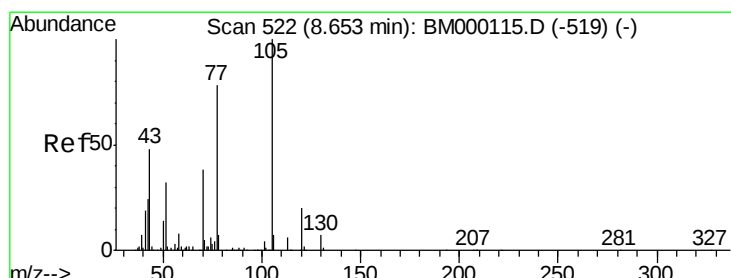
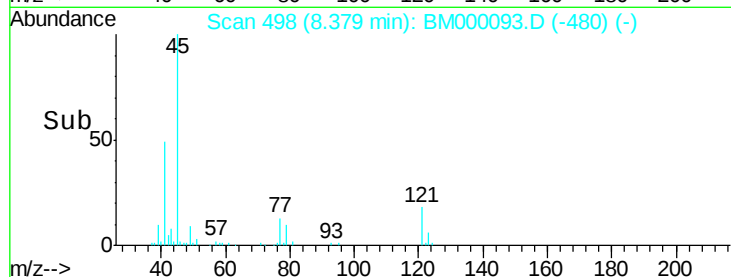
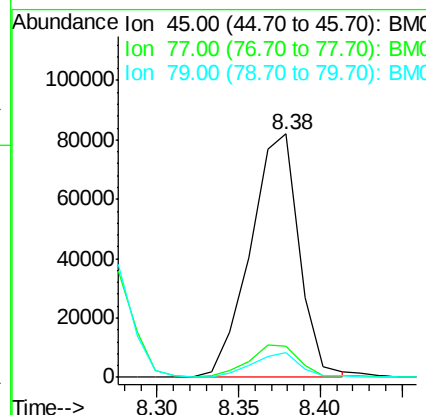
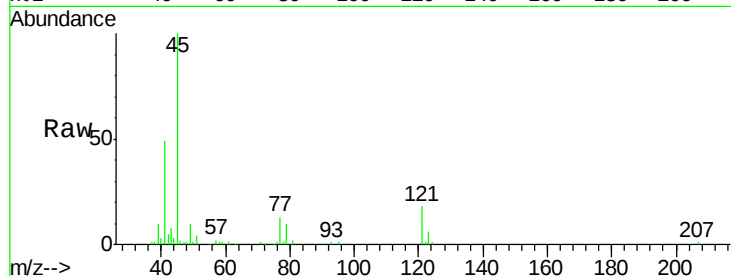
#12
2,2'-oxybis(1-Chloropropane)
Concen: 7.07 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	9.9	14.9
79	10.1	8.3	12.5

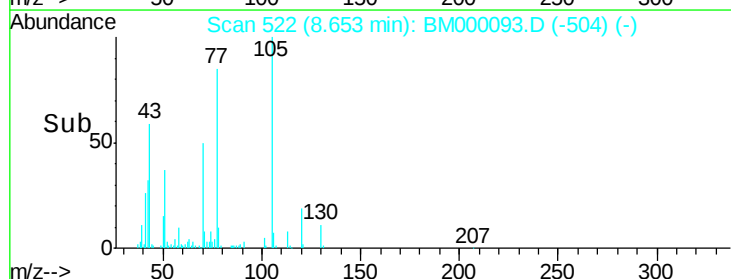
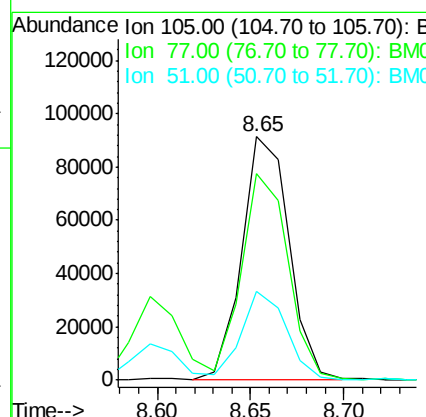
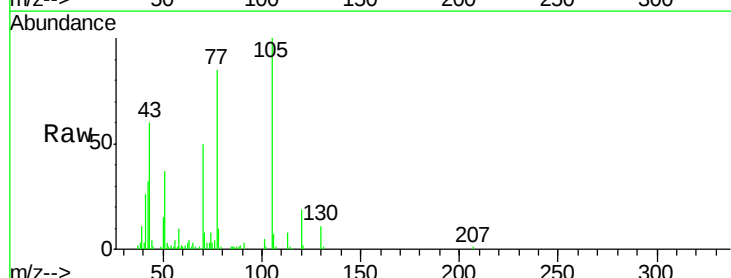
Manual Integrations
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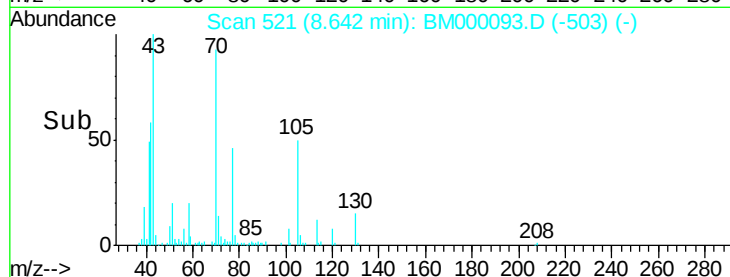
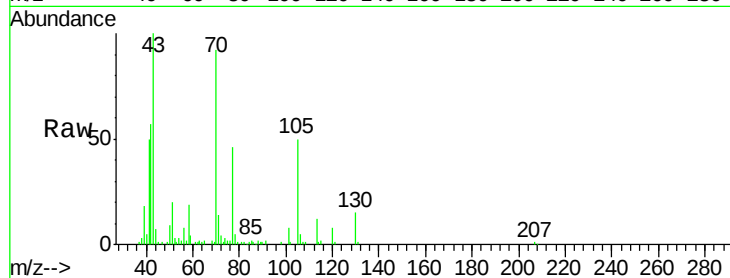
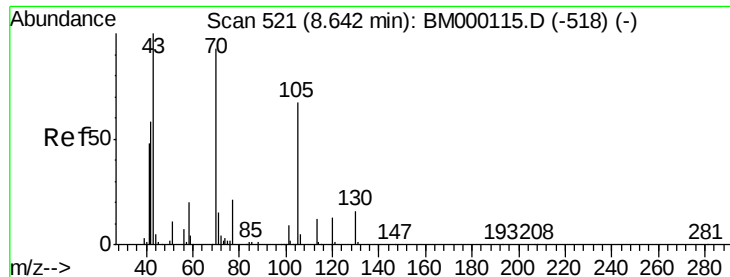
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1/7/2015 9:25:37 AM



#14
Acetophenone
Concen: 6.29 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.0	66.3	99.5
51	36.6	26.5	39.7





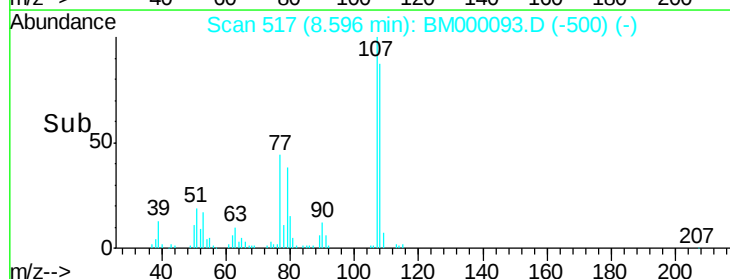
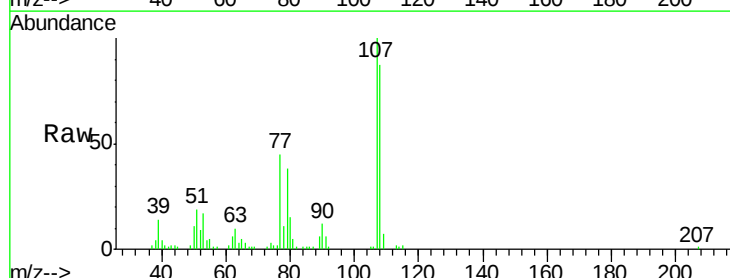
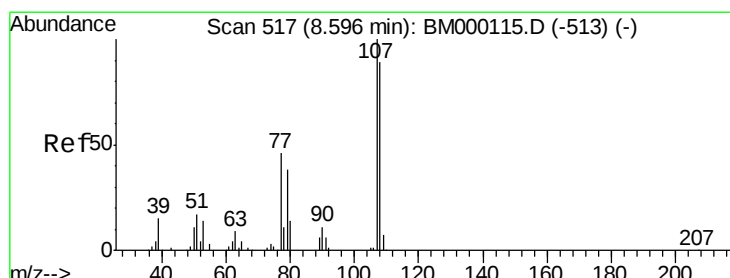
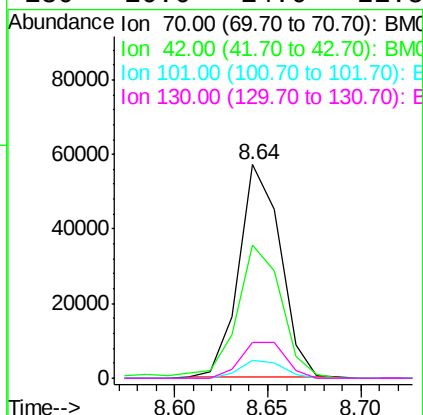
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N-Nitroso-di-n-propylamine
Concen: 6.68 ng/ul
RT: 8.64 min Scan# 521
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
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ClientSampleId :
MDLWater-2

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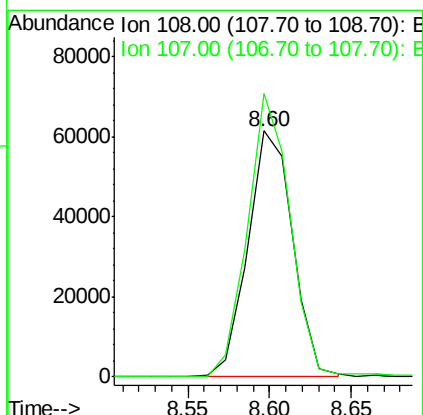
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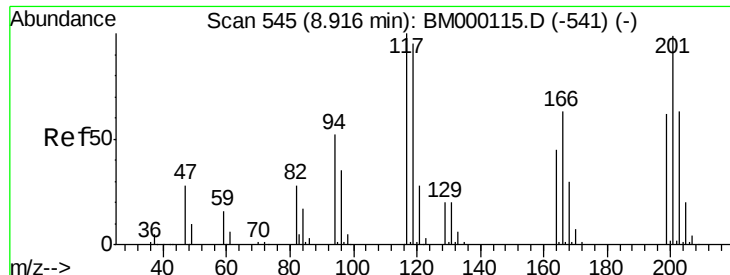
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.3	46.4	69.6
101	8.5	7.8	11.8
130	16.6	14.6	21.8



#16
4-Methylphenol
Concen: 7.17 ng/ul
RT: 8.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
108	100		
107	115.1	84.0	126.0





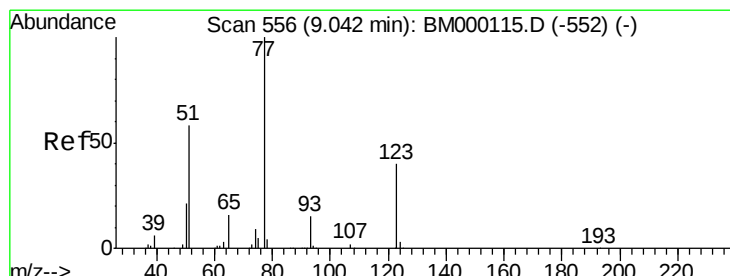
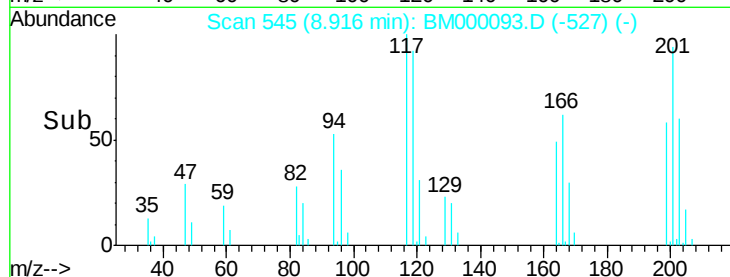
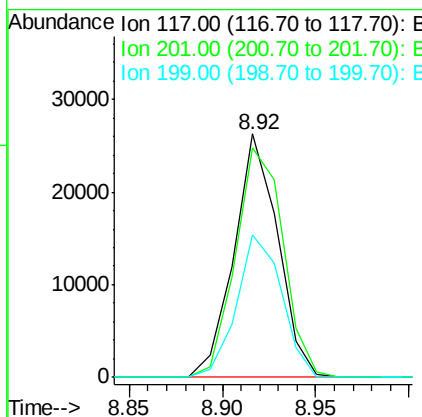
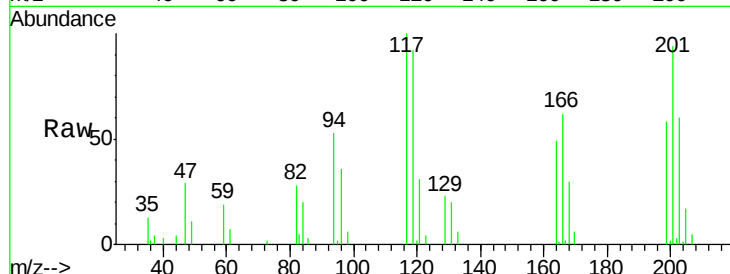
#17
Hexachloroethane
Concen: 6.72 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43005		
201	94.3	85.2	127.8	
199	58.3	55.1	82.7	

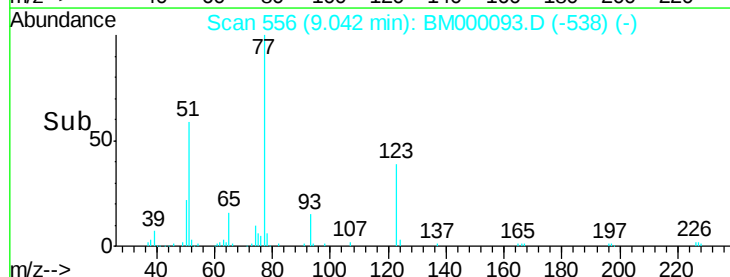
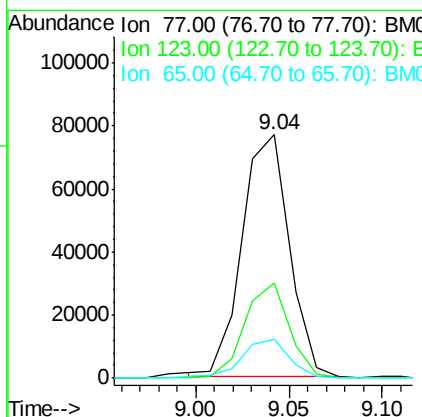
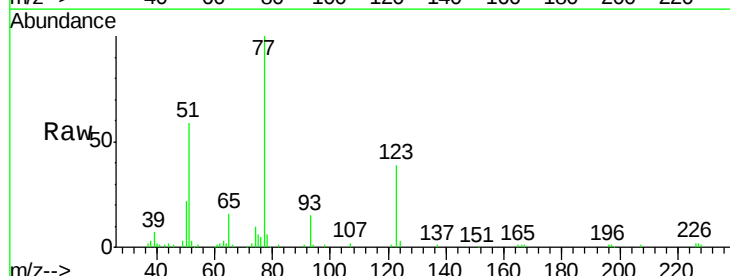
Manual Integrations
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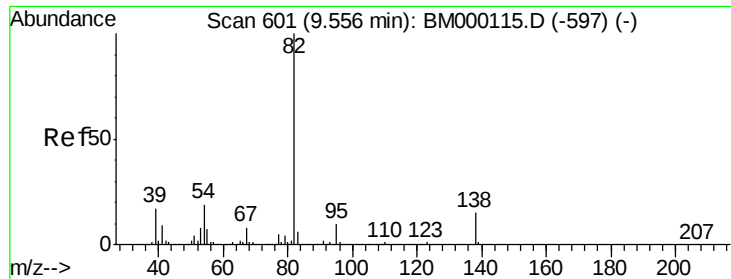
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#20
Nitrobenzene
Concen: 7.30 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	134965		
123	39.1	29.2	43.8	
65	16.0	12.4	18.6	





#21

Isophorone

Concen: 6.81 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

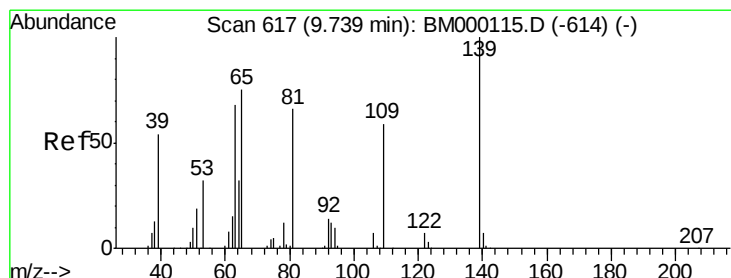
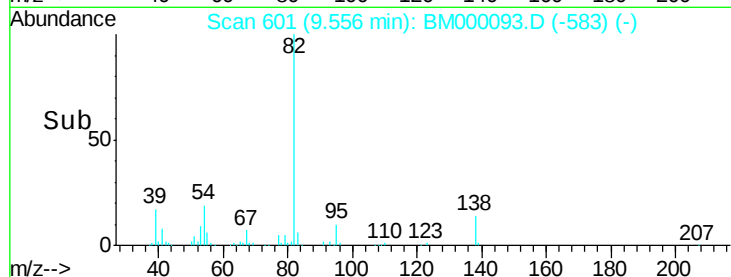
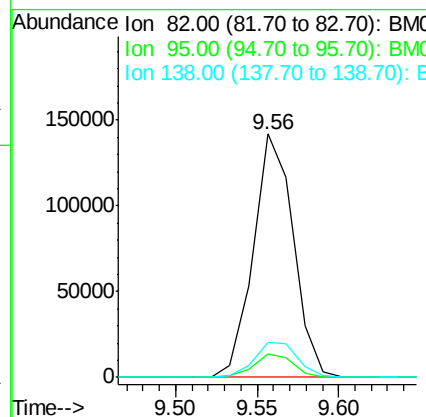
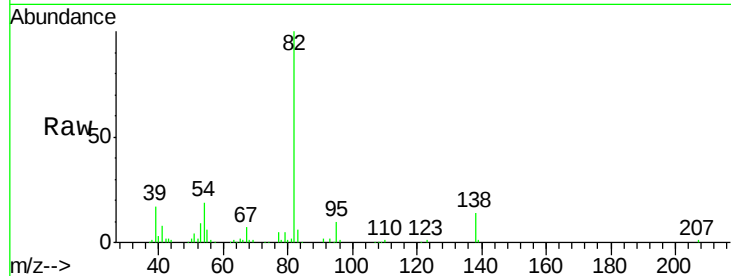
ClientSampleId :

MDLWater-2

Tgt Ion:	82	Resp:	242829
Ion Ratio	Lower	Upper	
82	100		
95	9.9	6.9	10.3
138	14.3	12.1	18.1

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#23

2-Nitrophenol

Concen: 7.47 ng/ul

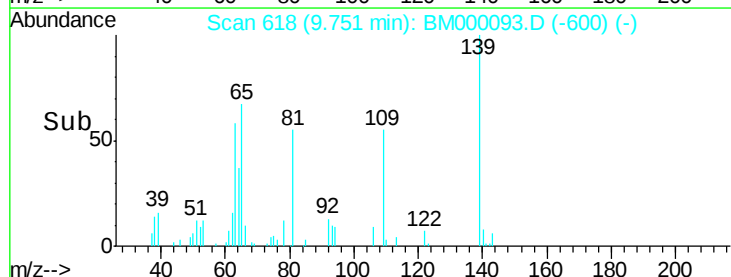
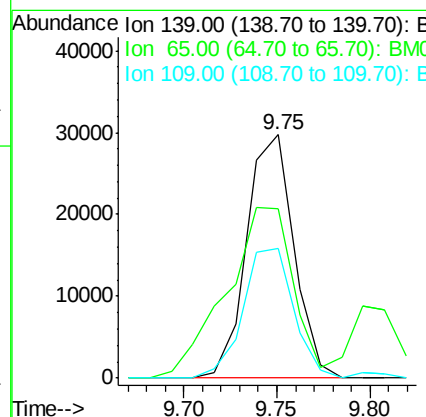
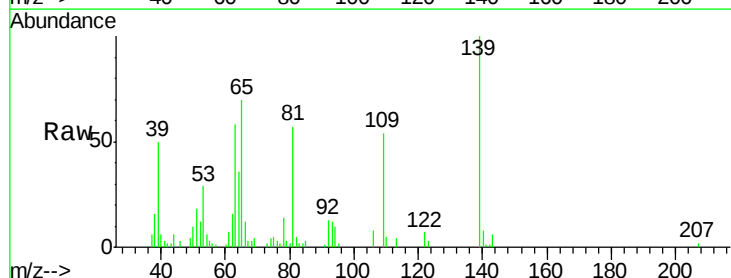
RT: 9.75 min Scan# 618

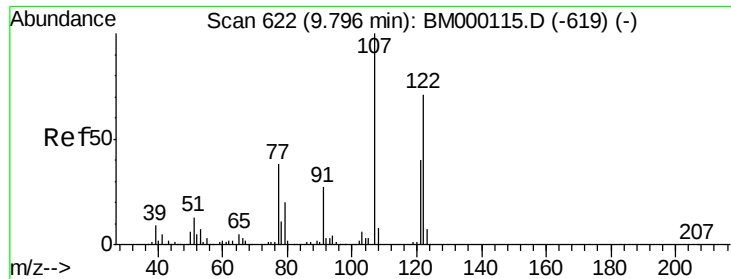
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	139	Resp:	52238
Ion Ratio	Lower	Upper	
139	100		
65	69.7	56.3	84.5
109	53.5	37.1	55.7





#24

2,4-Dimethylphenol

Concen: 7.63 ng/ul

RT: 9.81 min Scan# 623

Delta R.T. 0.00 min

Lab File: BM000093.D

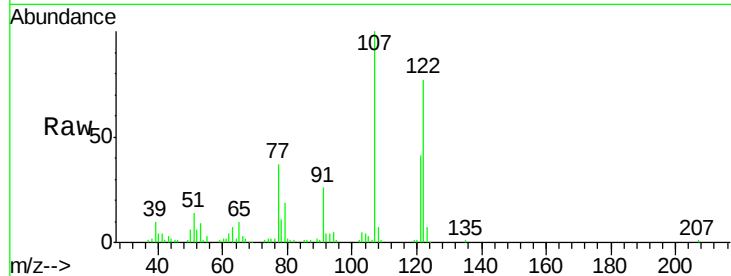
Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

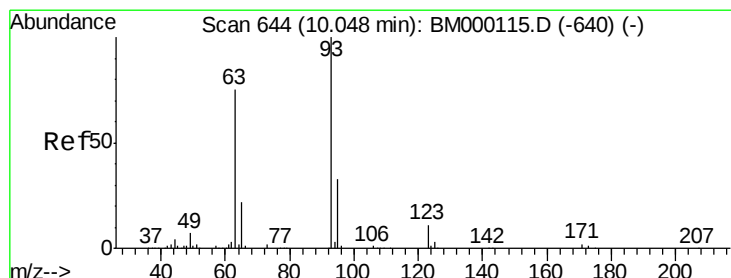
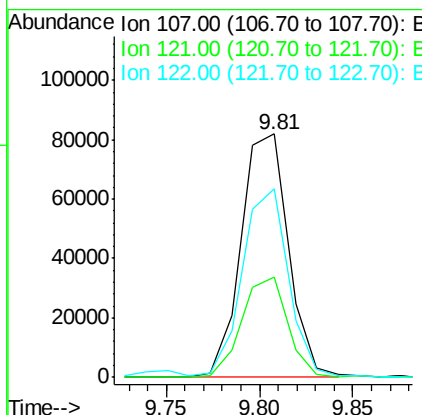
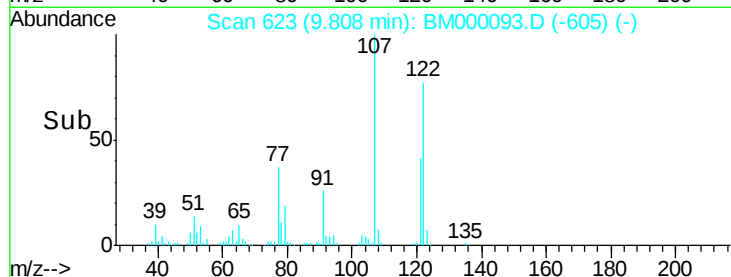
MDLWater-2



Tgt Ion:	107	Resp:	144664
Ion Ratio	Lower	Upper	
107	100		
121	41.1	33.0	49.6
122	77.4	59.3	88.9

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#25

Bis(2-Chloroethoxy)methane

Concen: 6.82 ng/ul

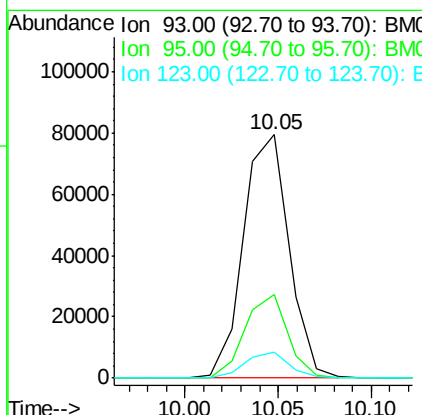
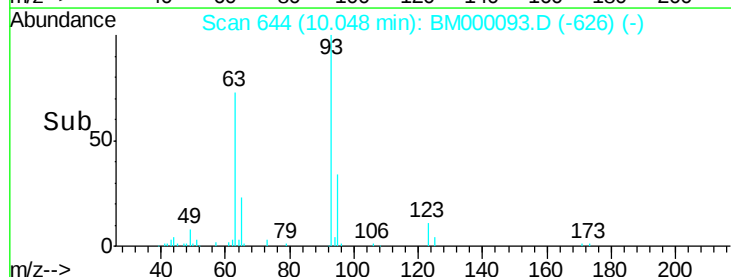
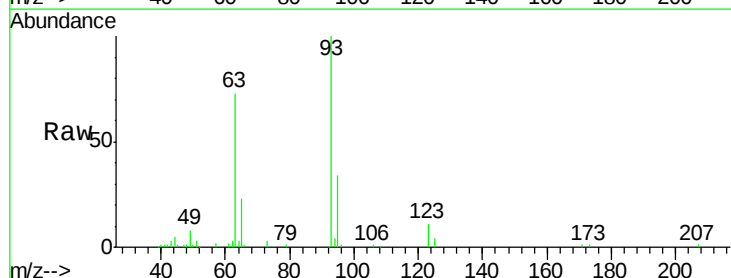
RT: 10.05 min Scan# 644

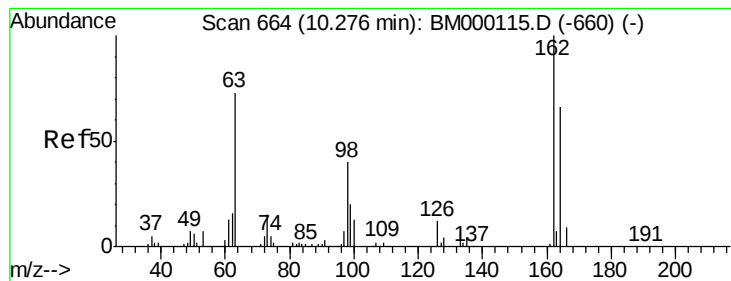
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	93	Resp:	135194
Ion Ratio	Lower	Upper	
93	100		
95	34.4	26.1	39.1
123	10.8	7.4	11.2





#27

2,4-Dichlorophenol

Concen: 7.84 ng/ul

RT: 10.28 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

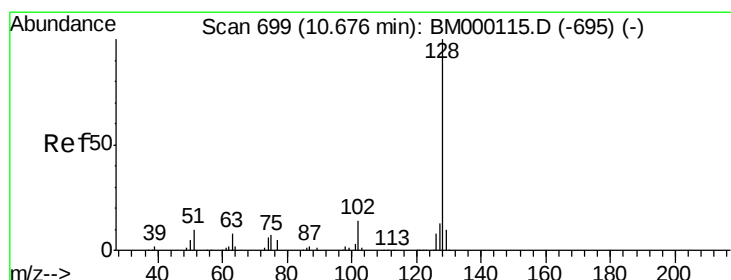
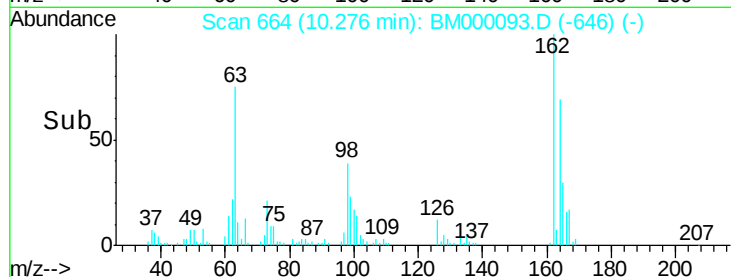
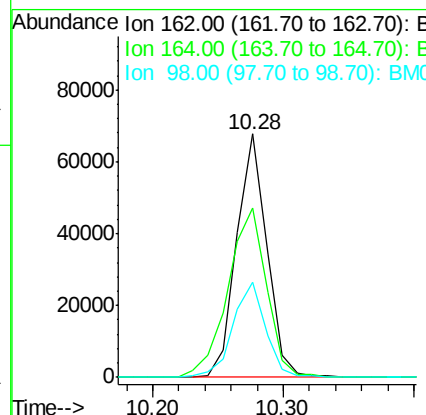
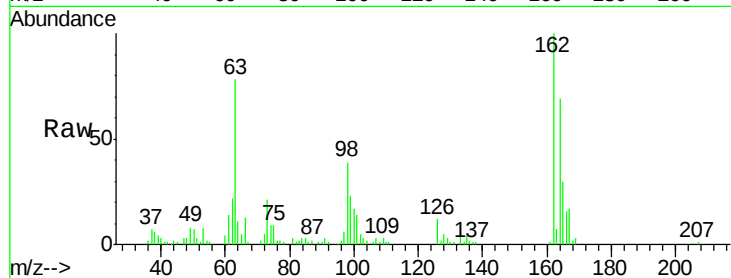
ClientSampleId :

MDLWater-2

Tgt Ion:	162	Resp:	109405
Ion Ratio		Lower	Upper
162	100		
164	69.3	50.2	75.4
98	39.2	31.4	47.2

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#28

Naphthalene

Concen: 6.87 ng/ul

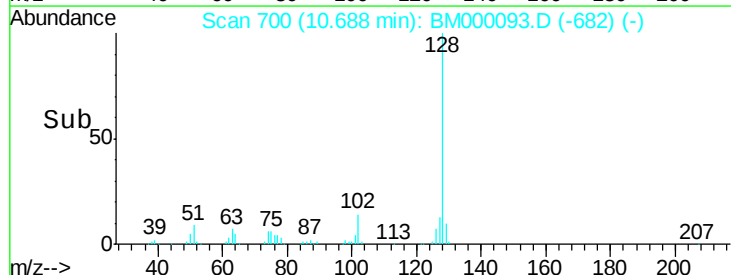
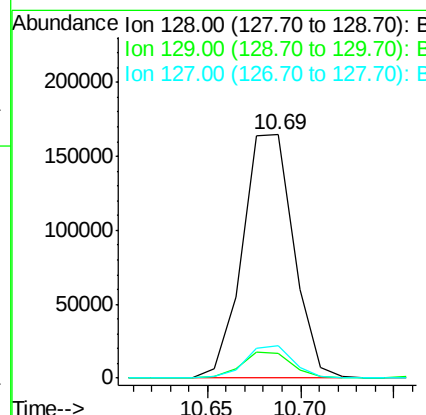
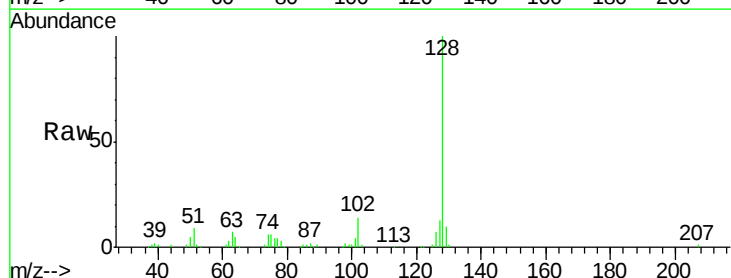
RT: 10.69 min Scan# 700

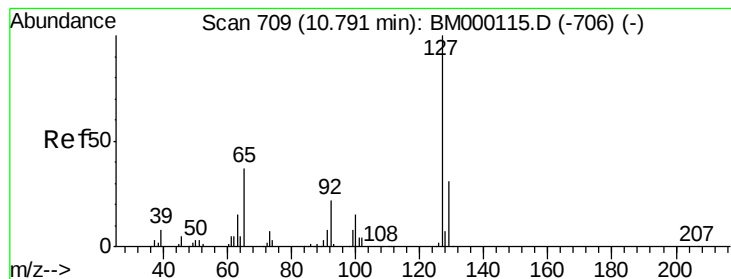
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	128	Resp:	313963
Ion Ratio		Lower	Upper
128	100		
129	10.3	8.6	13.0
127	13.5	10.3	15.5





#30

4-Chloroaniline

Concen: 4.56 ng/ul

RT: 10.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

MDLWater-2

Tgt Ion:127 Resp: 74745

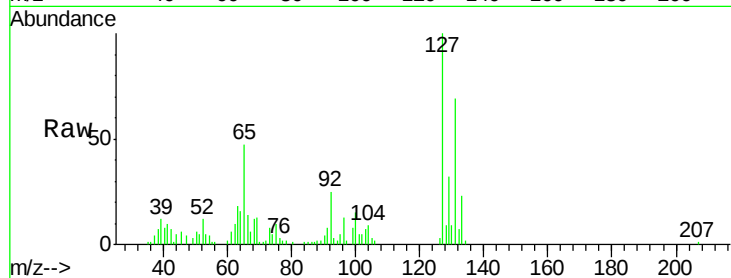
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

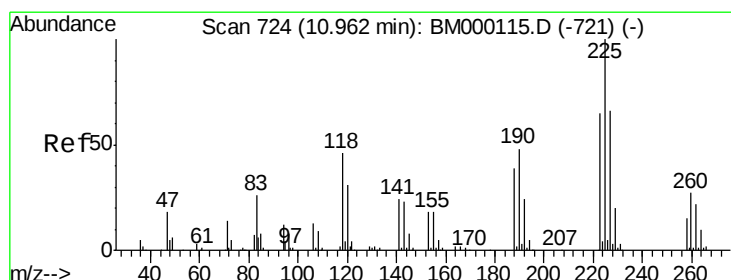
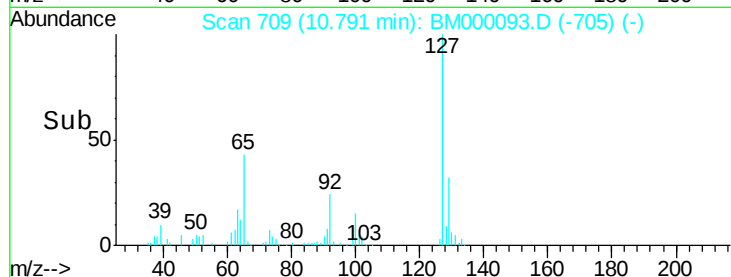
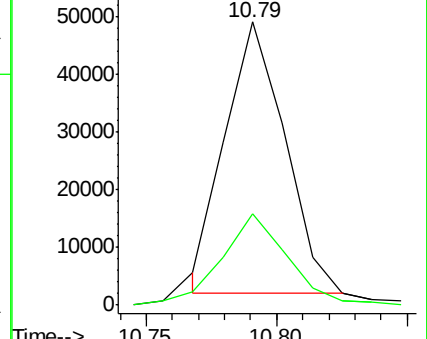
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 7.21 ng/ul

RT: 10.97 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

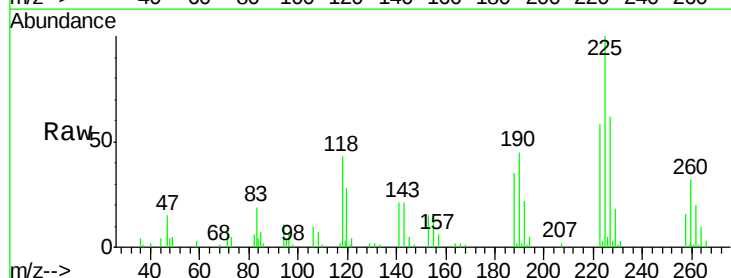
Tgt Ion:225 Resp: 71356

Ion Ratio Lower Upper

225 100

223 58.0 54.4 81.6

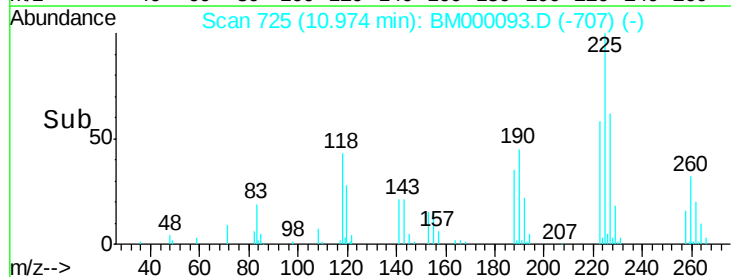
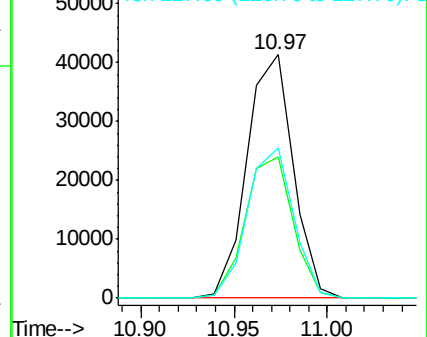
227 61.8 51.8 77.8

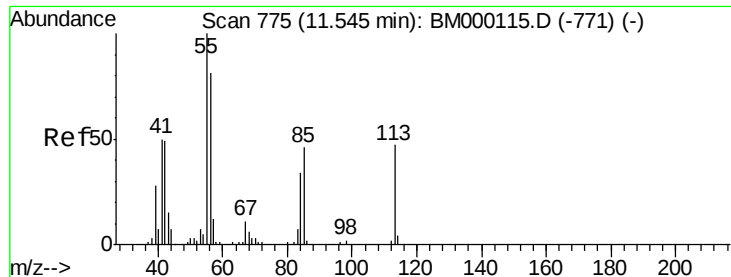


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 6.70 ng/ul m

RT: 11.59 min Scan# 779

Delta R.T. 0.05 min

Lab File: BM000093.D

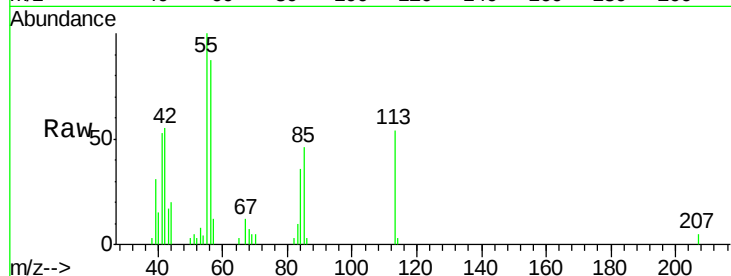
Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

MDLWater-2



Tgt Ion:113 Resp: 31123

Ion Ratio Lower Upper

113 100

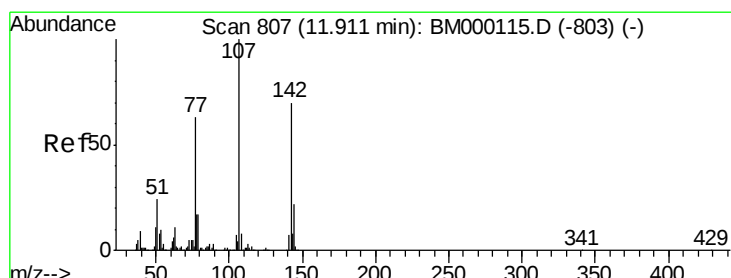
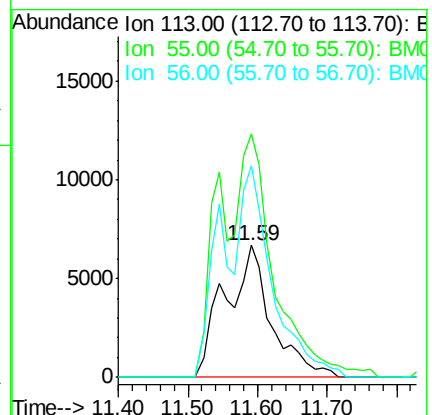
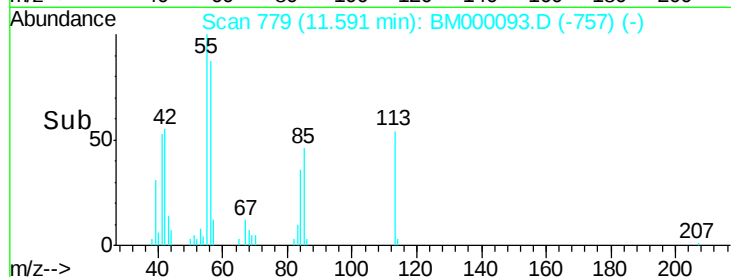
55 184.3 156.6 234.8

56 160.0 126.3 189.5

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#33

4-Chloro-3-methylphenol

Concen: 7.58 ng/ul

RT: 11.91 min Scan# 807

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

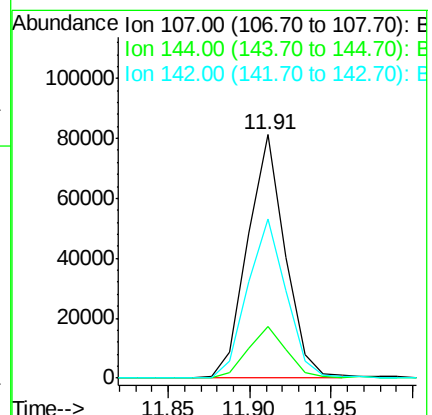
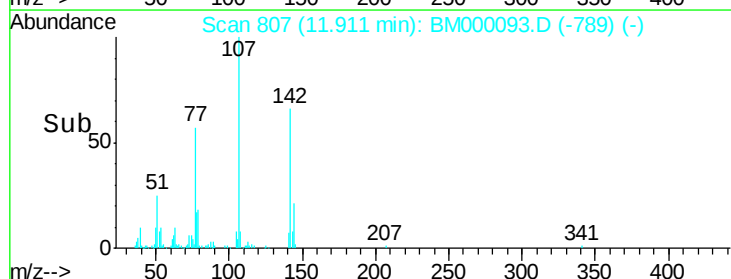
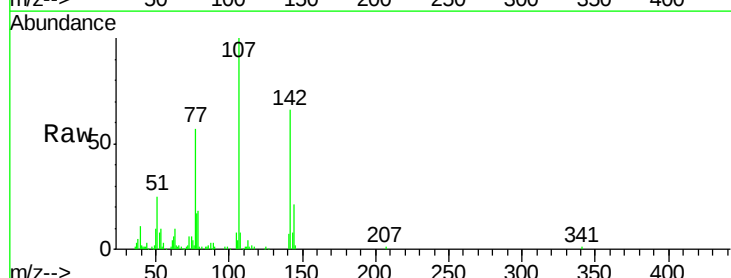
Tgt Ion:107 Resp: 129799

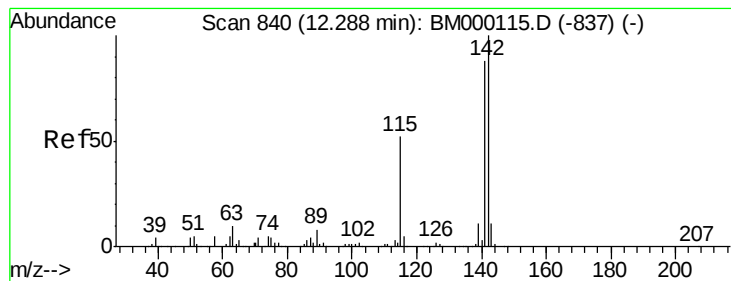
Ion Ratio Lower Upper

107 100

144 21.2 16.6 24.8

142 65.6 54.6 82.0





#34

2-Methylnaphthalene

Concen: 6.95 ng/u1

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

MDLWater-2

Tgt Ion:142 Resp: 235454

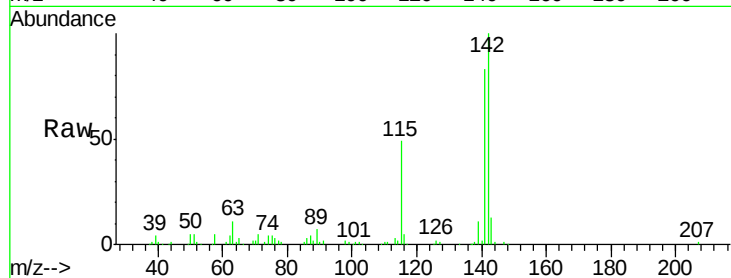
Ion Ratio Lower Upper

142 100

141 83.5 69.3 103.9

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

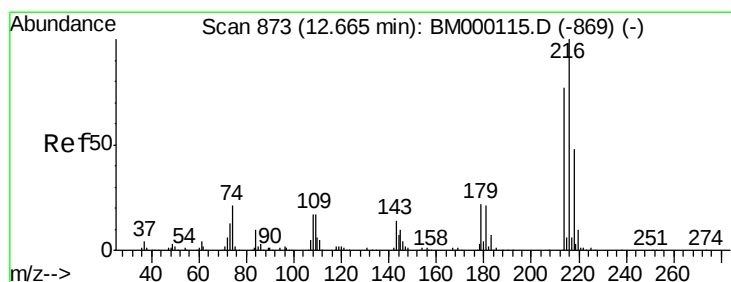
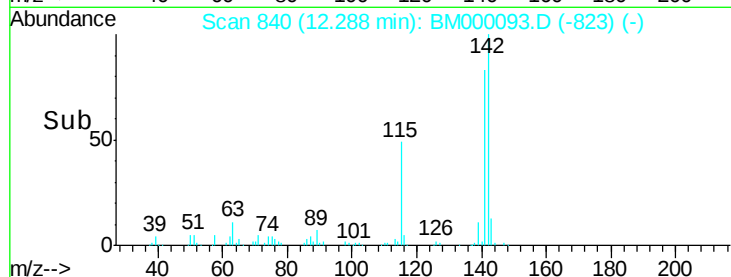
150000

100000

50000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 6.87 ng/u1

RT: 12.67 min Scan# 873

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:216 Resp: 127272

Ion Ratio Lower Upper

216 100

214 76.6 62.6 94.0

179 21.6 17.4 26.2

108 17.7 13.4 20.0

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

120000

100000

80000

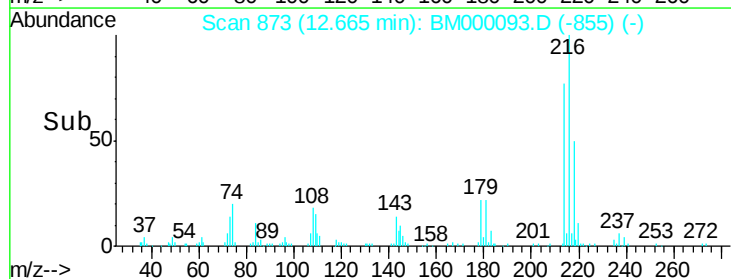
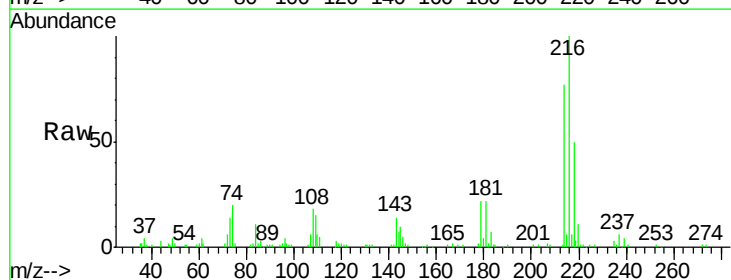
60000

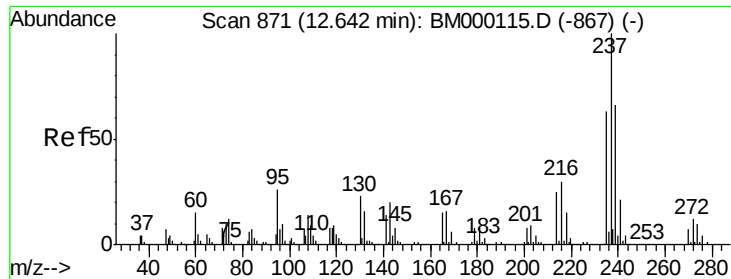
40000

20000

0

Time-->





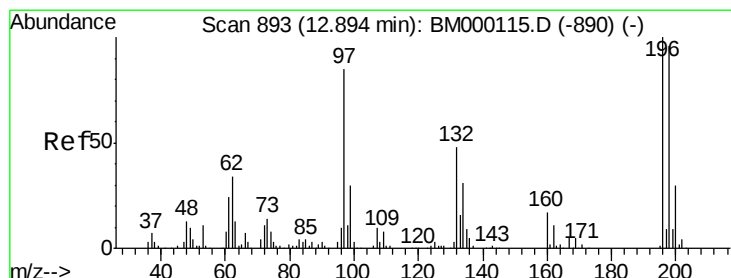
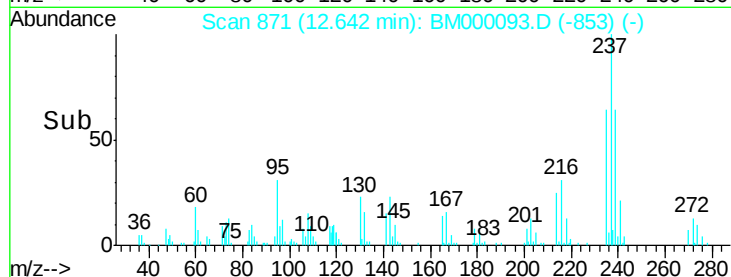
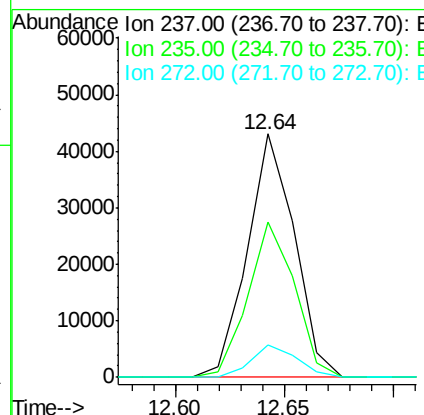
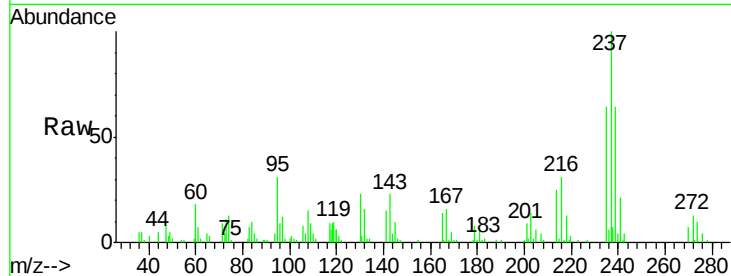
#37
Hexachlorocyclopentadiene
Concen: 5.30 ng/ul
RT: 12.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	50.0	75.0
272	13.2	8.9	13.3

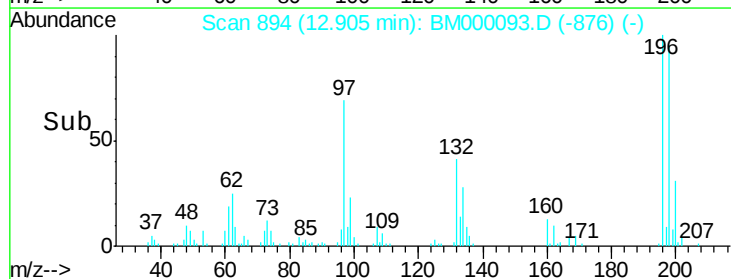
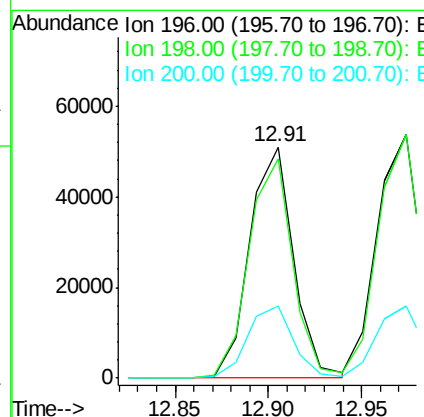
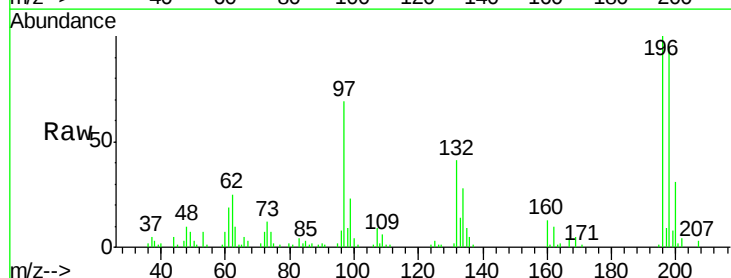
Manual Integrations
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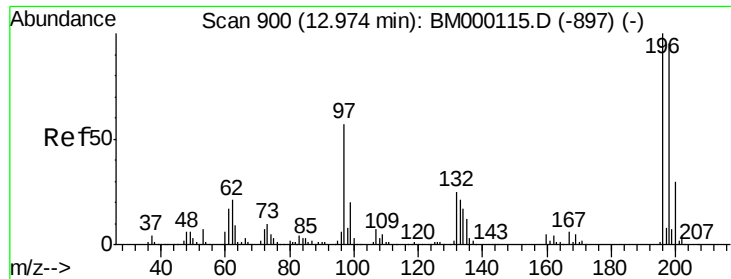
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#38
2,4,6-Trichlorophenol
Concen: 7.03 ng/ul
RT: 12.91 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.0	76.6	114.8
200	31.2	24.5	36.7





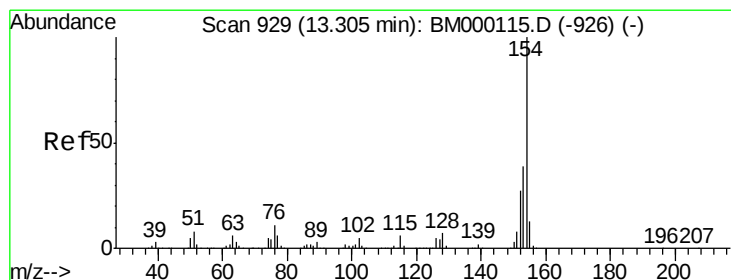
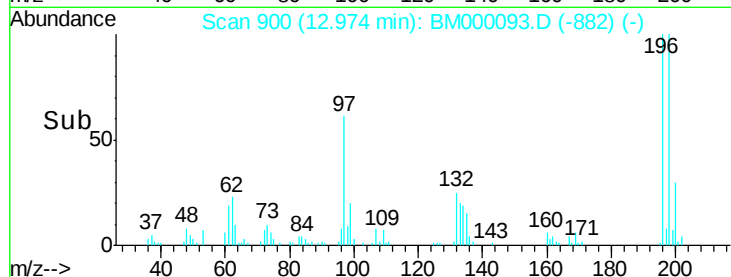
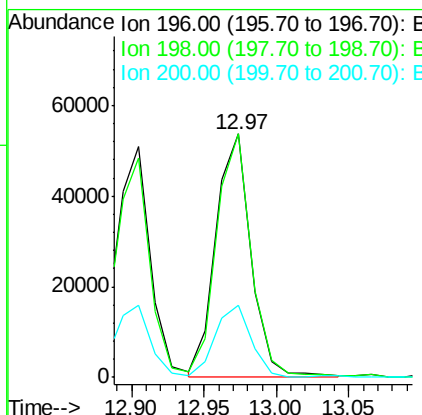
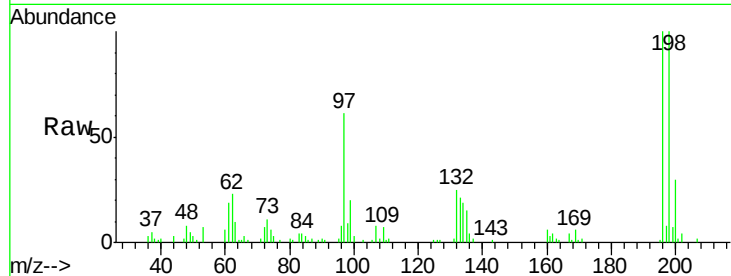
#39
 2,4,5-Trichlorophenol
 Concen: 7.09 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91023		
198	100.0	75.4	113.2	
200	29.6	25.0	37.4	

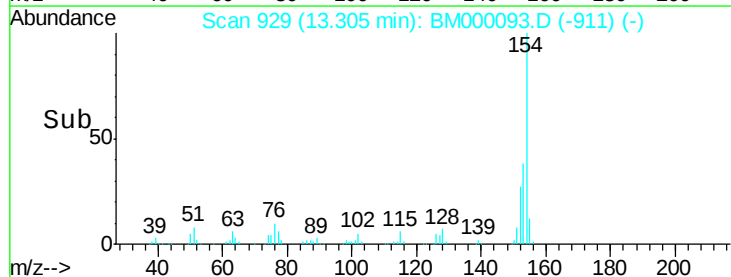
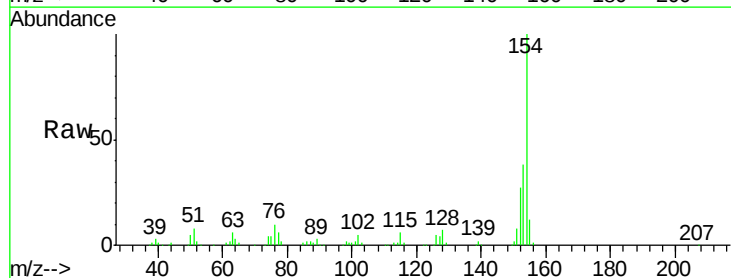
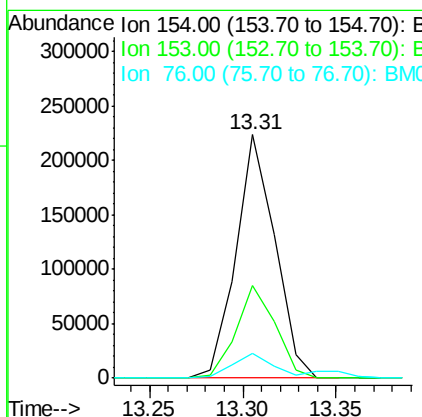
Manual Integrations
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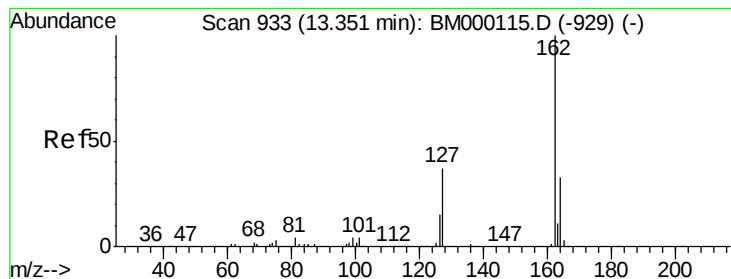
TEJASKUMAR
 1/7/2015 9:25:37 AM



#40
 1,1'-Biphenyl
 Concen: 6.75 ng/ul
 RT: 13.31 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	325197		
153	38.0	30.5	45.7	
76	10.0	8.9	13.3	





#41

2-Chloronaphthalene

Concen: 6.63 ng/ul

RT: 13.35 min Scan# 933

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

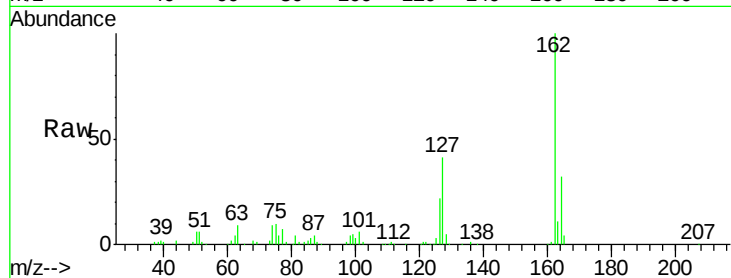
ClientSampleId :

MDLWater-2

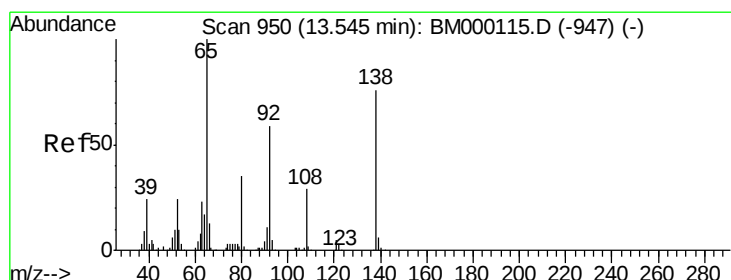
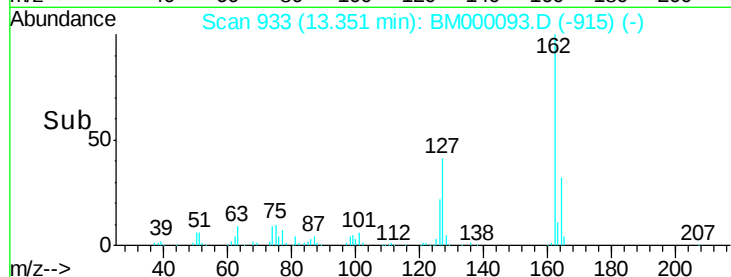
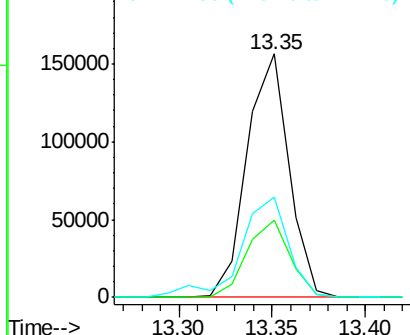
Tgt Ion:	162	Resp:	244643
Ion Ratio	Lower	Upper	
162	100		
164	31.9	25.8	38.6
127	41.4	35.9	53.9

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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: 6.90 ng/ul

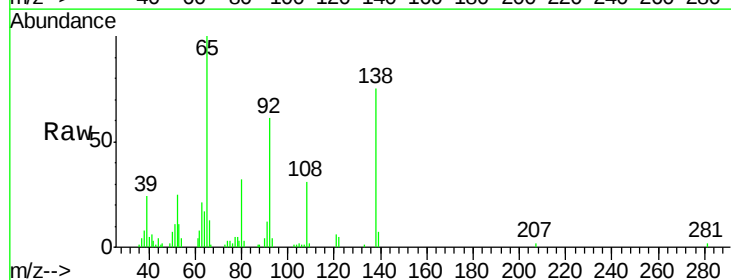
RT: 13.55 min Scan# 950

Delta R.T. -0.01 min

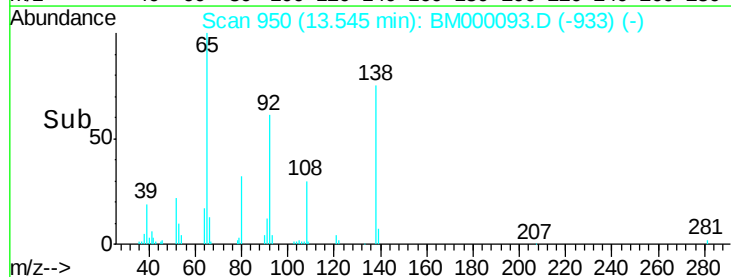
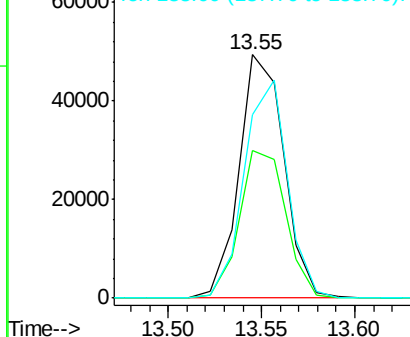
Lab File: BM000093.D

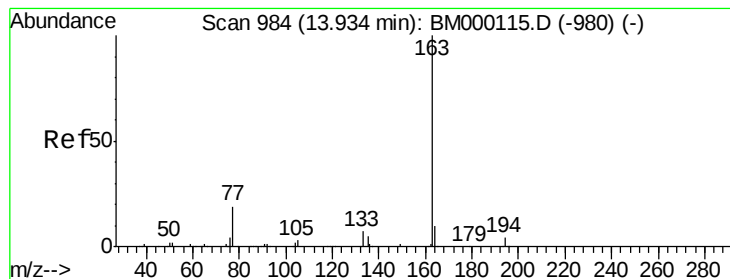
Acq: 31 Dec 2014 16:06

Tgt Ion:	65	Resp:	82571
Ion Ratio	Lower	Upper	
65	100		
92	60.6	50.4	75.6
138	75.3	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: 6.88 ng/ul

RT: 13.93 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

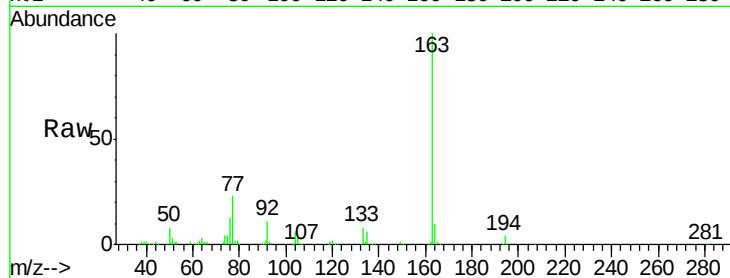
ClientSampleId :

MDLWater-2

Tgt Ion:	163	Resp:	337881
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.4
164	10.0	8.5	12.7

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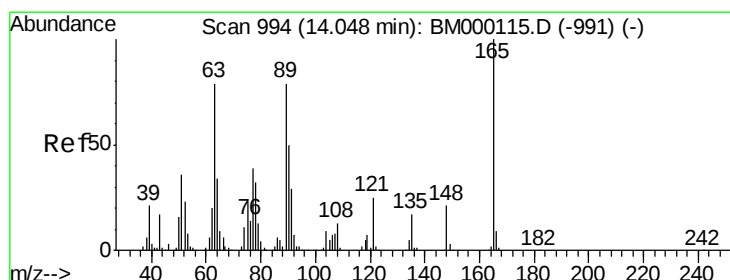
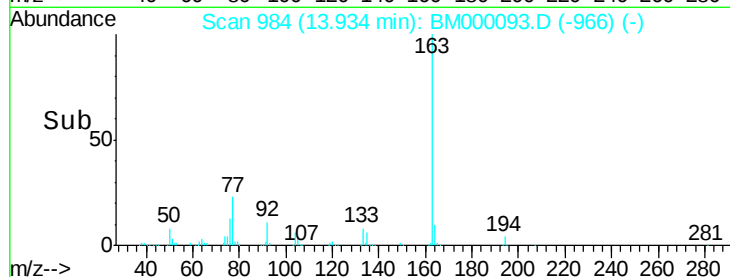
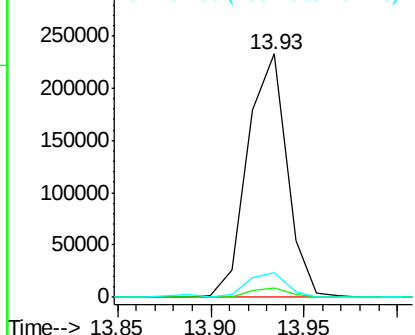


Abundance

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: 6.69 ng/ul

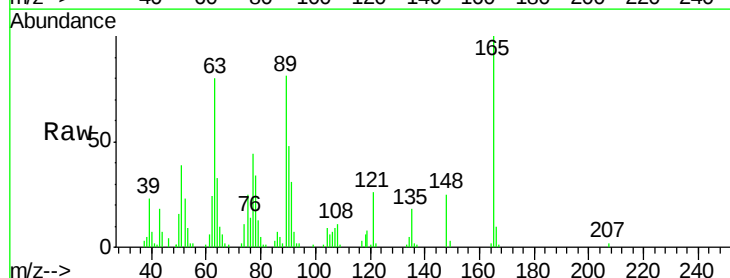
RT: 14.05 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	165	Resp:	58765
Ion Ratio	Lower	Upper	
165	100		
89	81.2	54.4	81.6
121	25.5	18.6	28.0

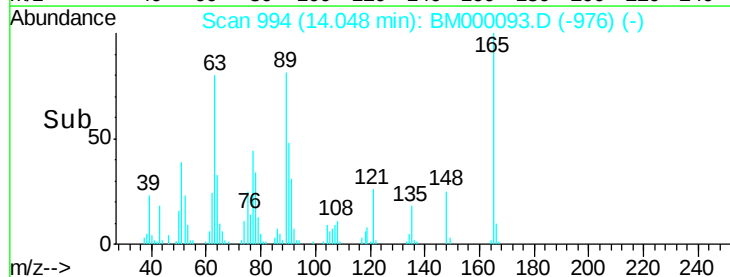
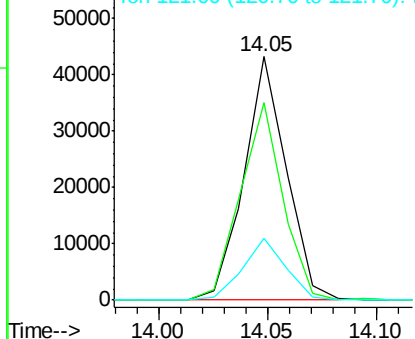


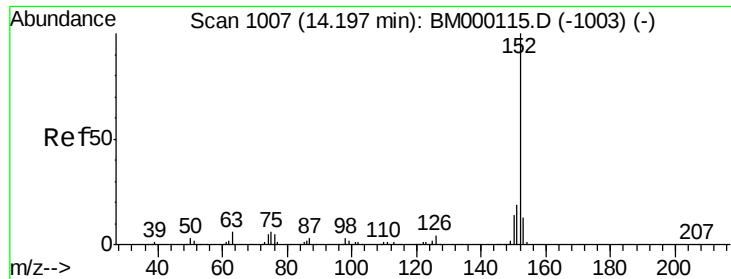
Abundance

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: 6.56 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM000093.D

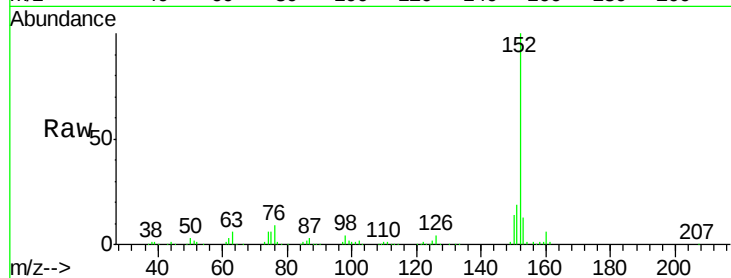
Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

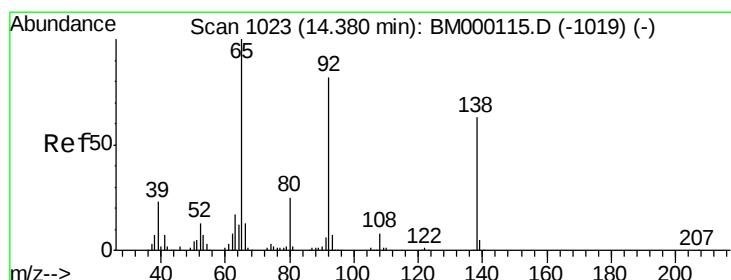
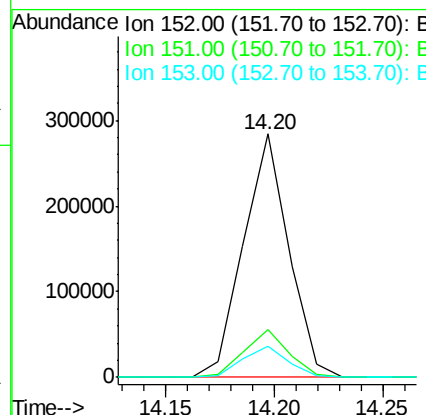
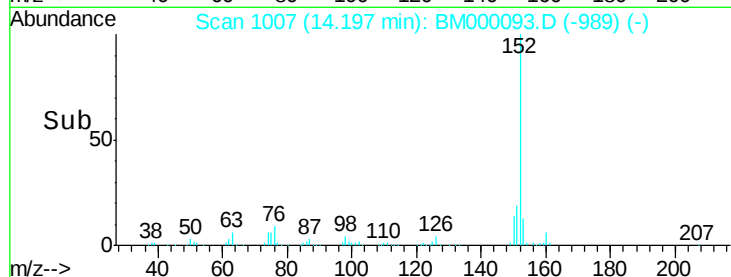
MDLWater-2



Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.2	15.2

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#48

3-Nitroaniline

Concen: 3.13 ng/ul

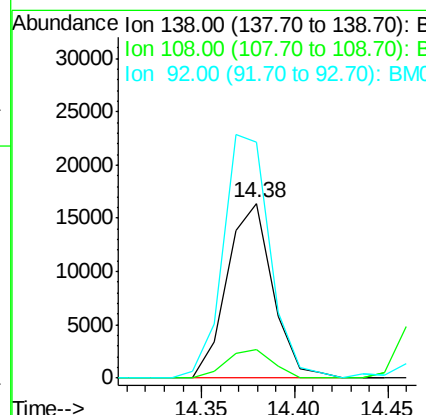
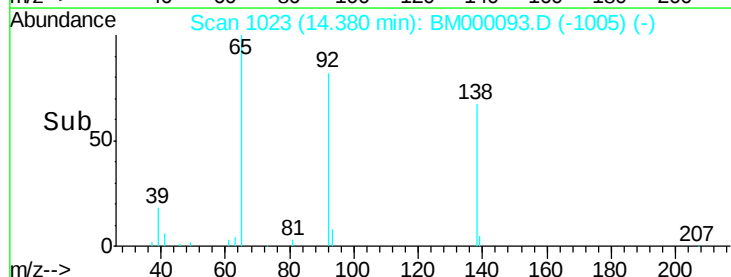
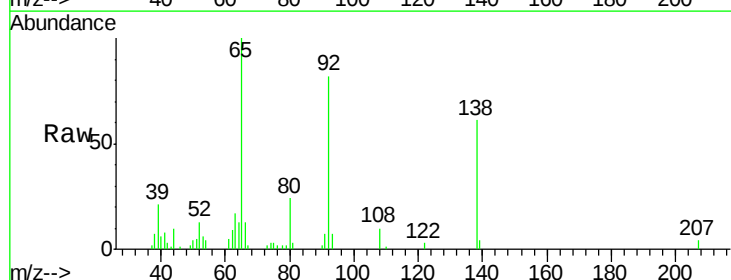
RT: 14.38 min Scan# 1023

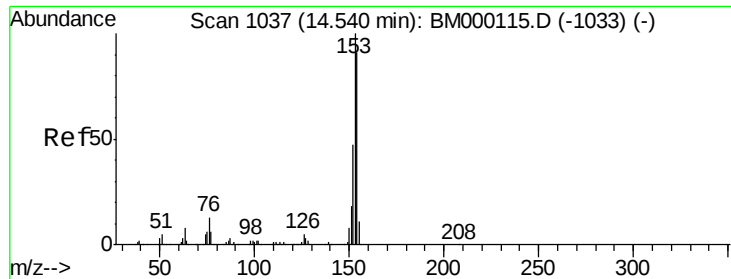
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.7	11.2	16.8
92	134.6	110.6	165.8





#49

Acenaphthene

Concen: 6.71 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM000093.D

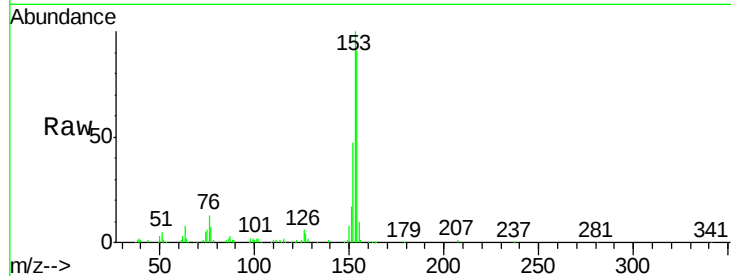
Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

ClientSampleId :

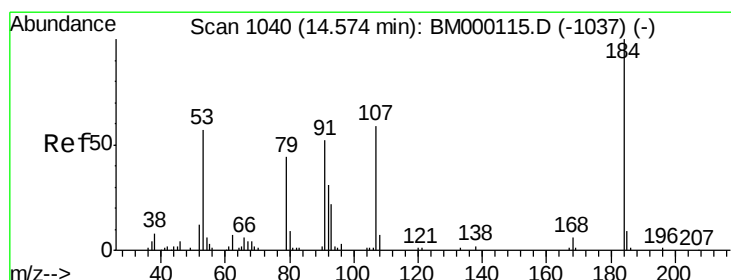
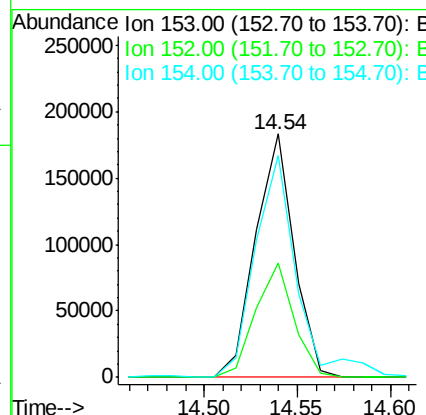
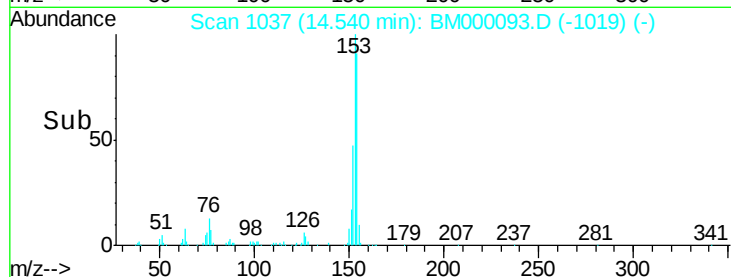
MDLWater-2



Tgt Ion	Ratio	Resp	Lower	Upper
153	100	266317		
152	47.1	37.5	56.3	
154	91.3	72.2	108.4	

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#50

2,4-Dinitrophenol

Concen: 6.41 ng/ul

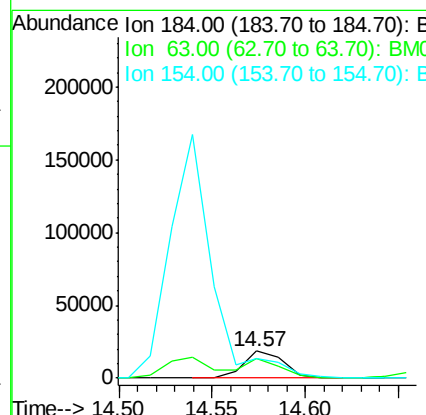
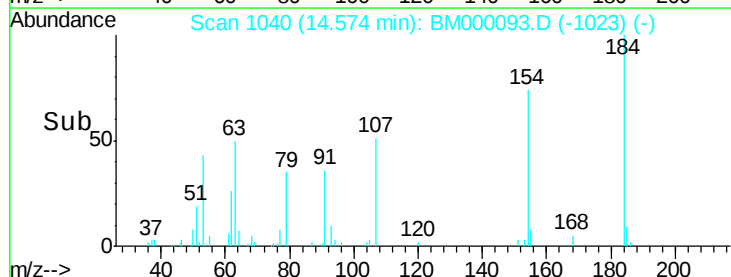
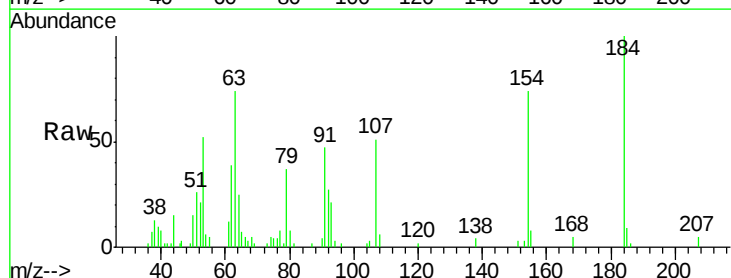
RT: 14.57 min Scan# 1040

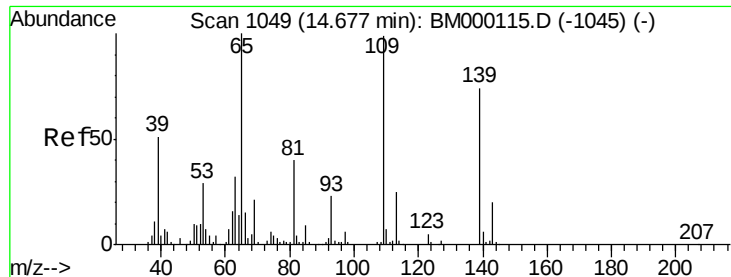
Delta R.T. -0.01 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	28575		
63	74.2	56.1	84.1	
154	73.7	68.2	102.4	





#52

4-Nitrophenol

Concen: 7.12 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

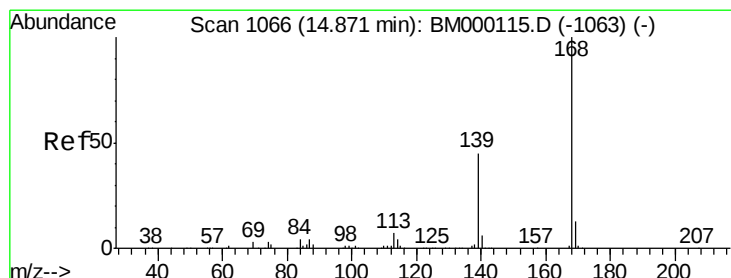
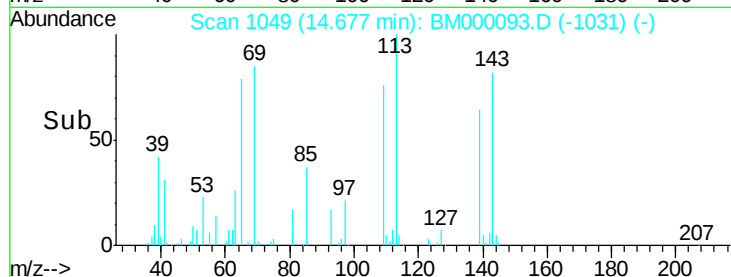
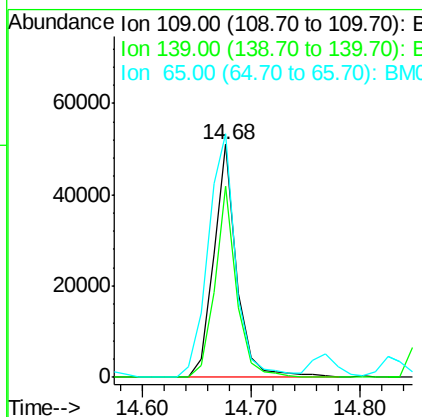
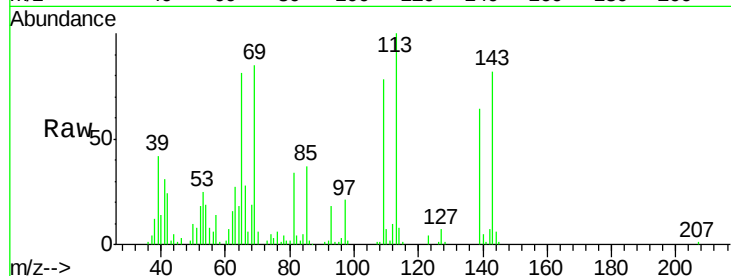
ClientSampleId :

MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	75452		
139	82.1	62.5	93.7	
65	104.4	88.7	133.1	

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#53

Dibenzofuran

Concen: 6.74 ng/ul

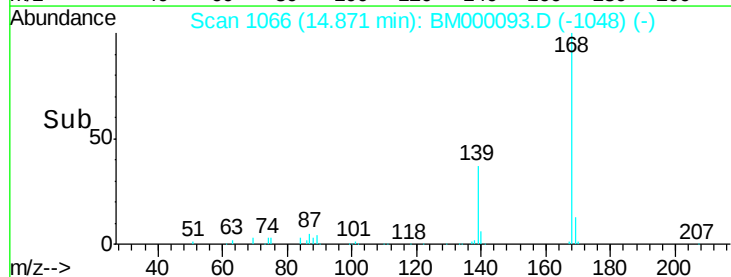
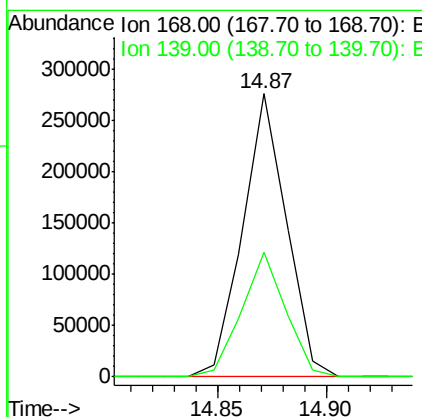
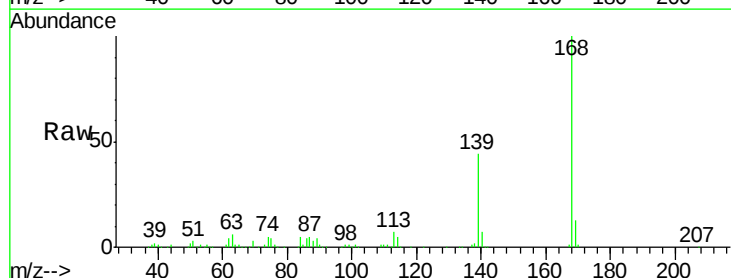
RT: 14.87 min Scan# 1066

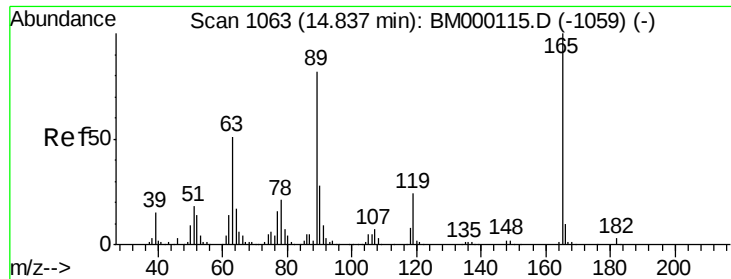
Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	387315		
139	44.2	33.6	50.4	





#54

2,4-Dinitrotoluene

Concen: 6.88 ng/ul

RT: 14.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

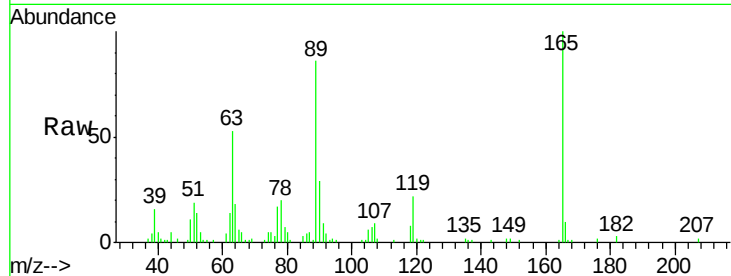
ClientSampleId :

MDLWater-2

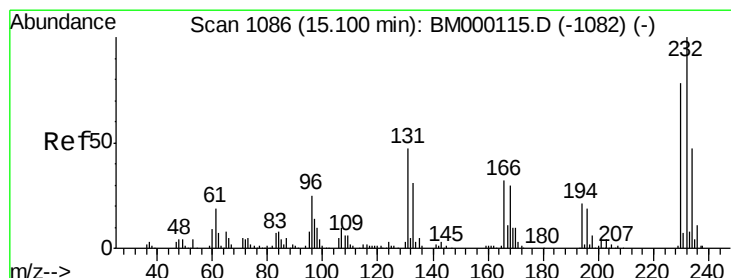
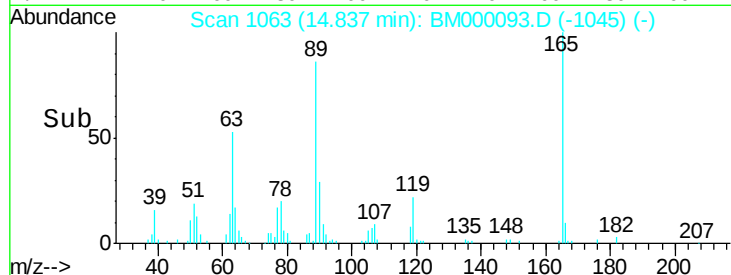
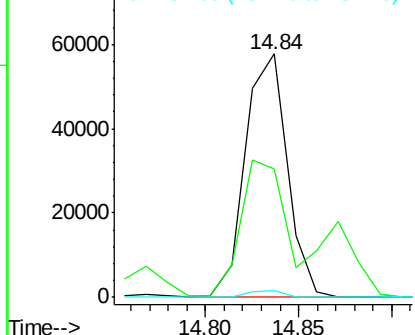
Tgt Ion:	165	Resp:	90220
Ion Ratio	Lower	Upper	
165	100		
63	52.9	48.8	73.2
182	2.8	2.1	3.1

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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: 7.09 ng/ul

RT: 15.10 min Scan# 1086

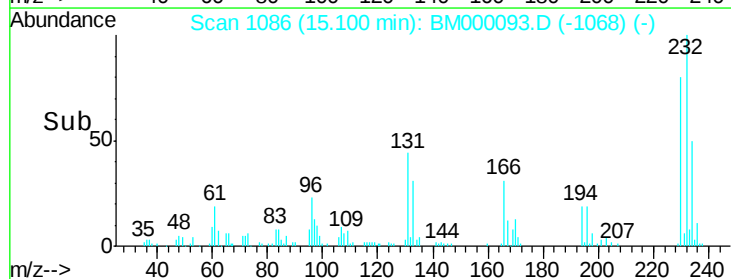
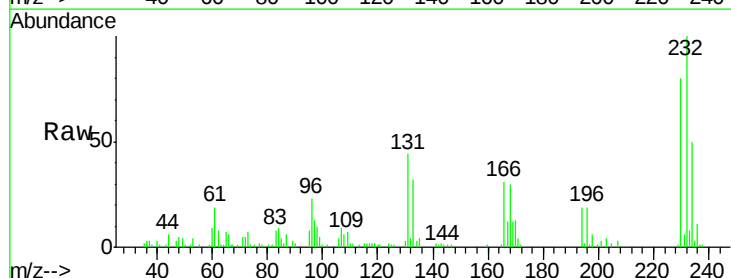
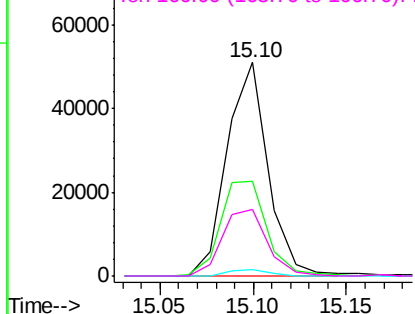
Delta R.T. 0.00 min

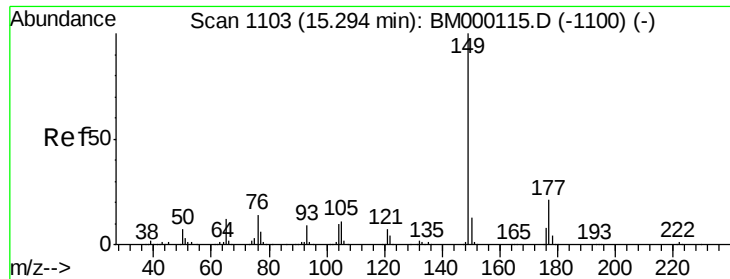
Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Tgt Ion:	232	Resp:	78526
Ion Ratio	Lower	Upper	
232	100		
131	44.5	43.4	65.0
130	3.0	2.7	4.1
166	31.1	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





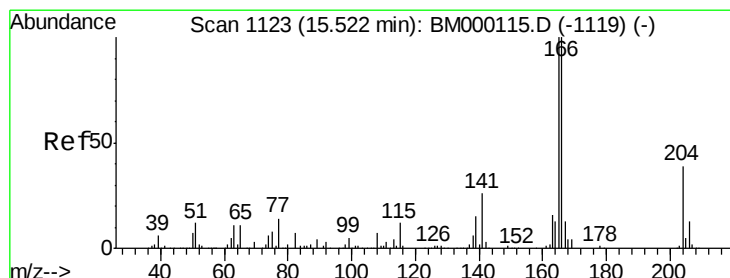
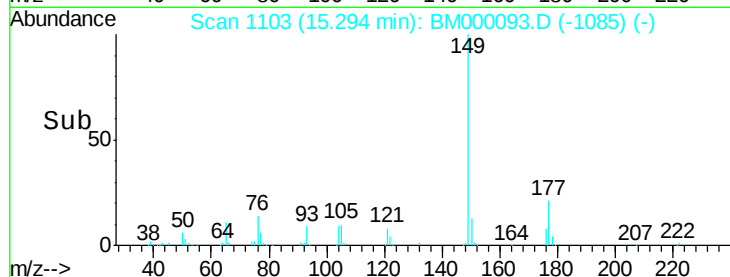
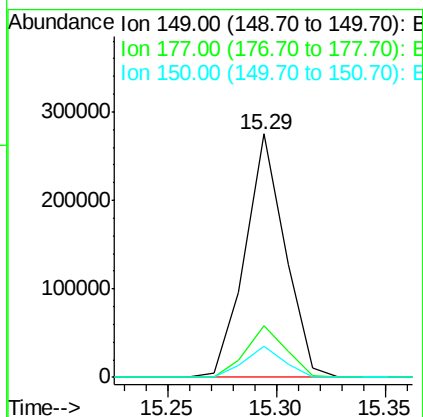
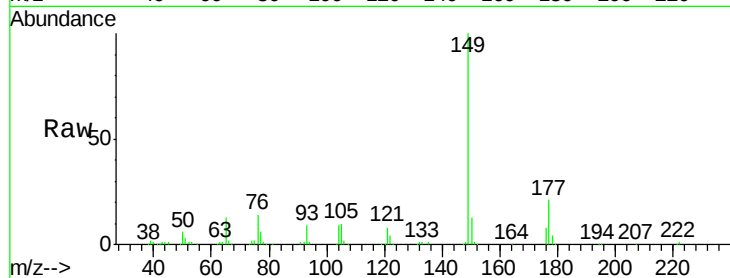
#56
Diethylphthalate
Concen: 6.85 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.3	17.4	26.2
150	12.7	10.5	15.7

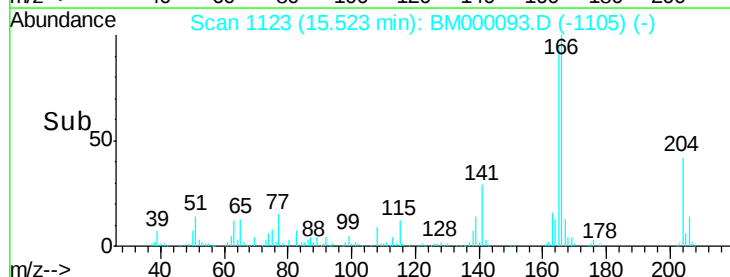
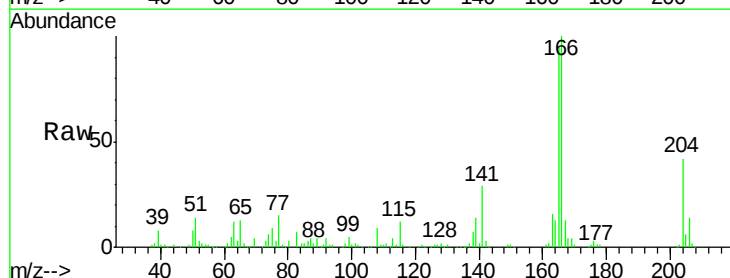
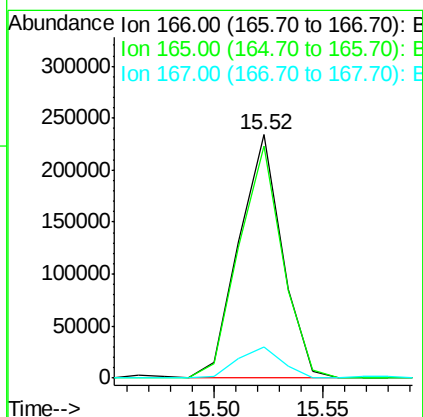
Manual Integrations
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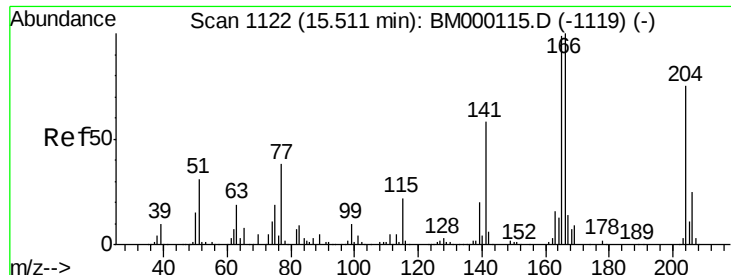
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#58
Fluorene
Concen: 6.80 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	95.2	76.0	114.0
167	12.9	10.2	15.4





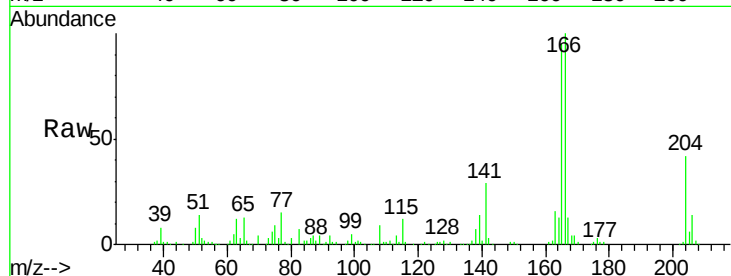
#59
4-Chlorophenyl-phenylether
Concen: 6.85 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

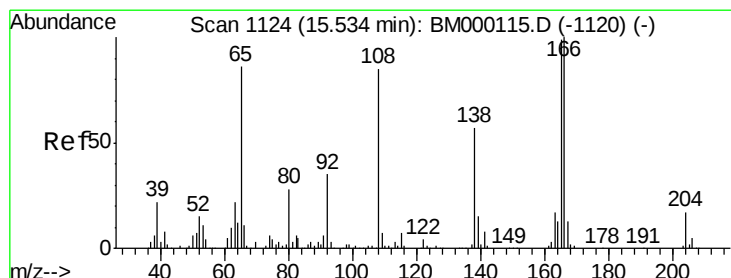
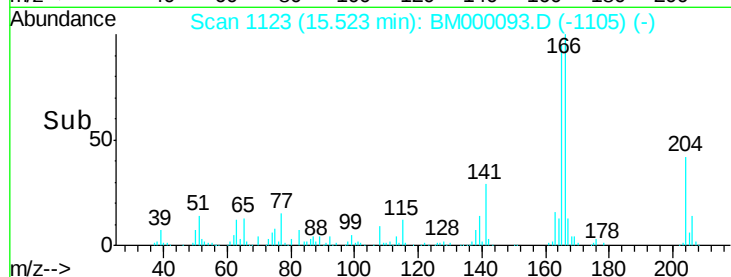
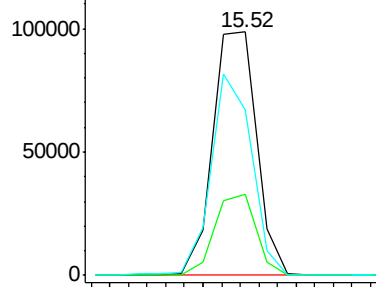
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	161047		
206	33.3	25.8	38.8	
141	67.8	61.3	91.9	

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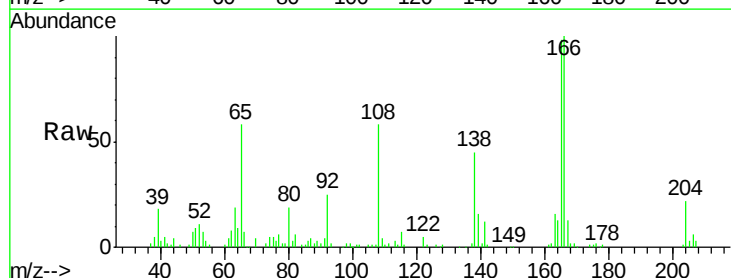


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

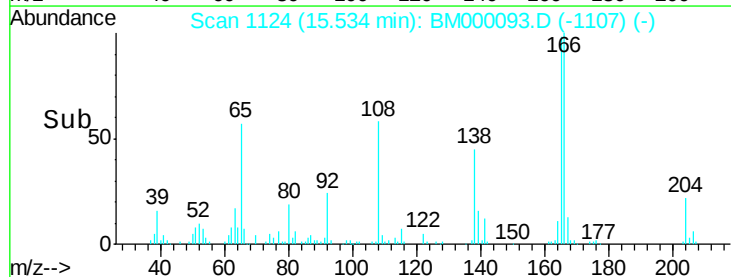
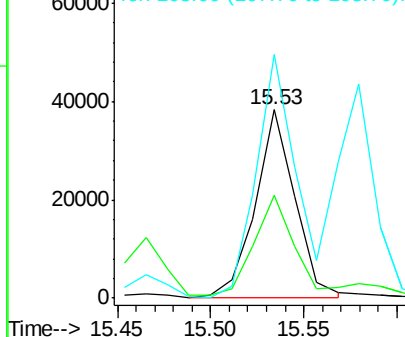


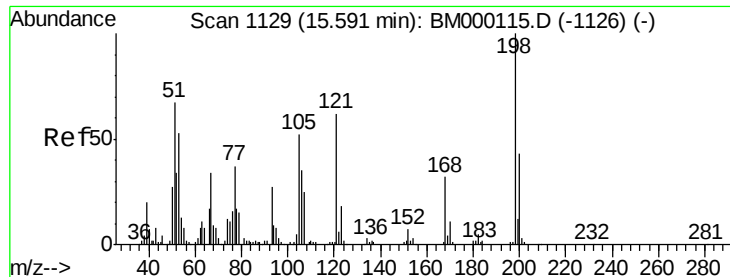
#60
4-Nitroaniline
Concen: 5.64 ng/ul
RT: 15.53 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	57370		
92	55.0	49.3	73.9	
108	129.4	110.3	165.5	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





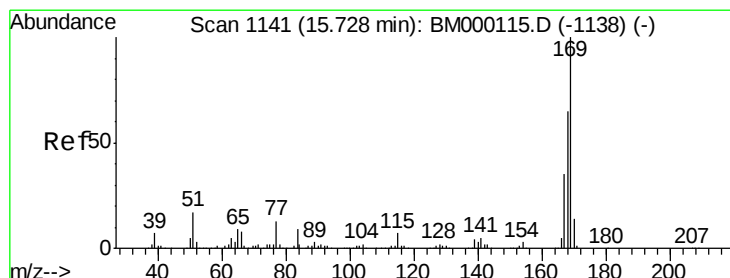
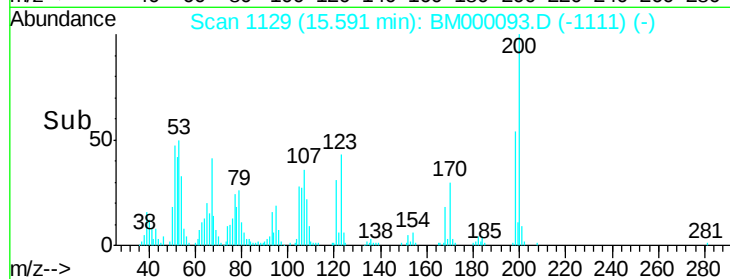
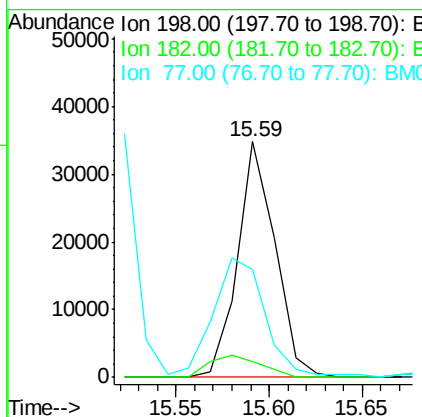
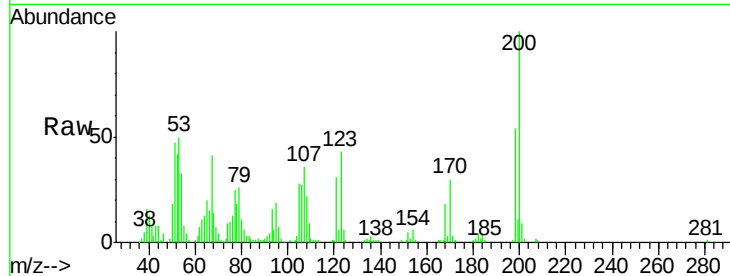
#63
 4,6-Dinitro-2-methylphenol
 Concen: 6.89 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	48879		
182	6.7	2.6	4.0#	
77	46.0	25.2	37.8#	

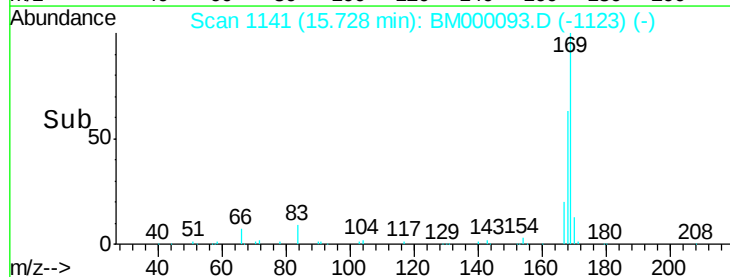
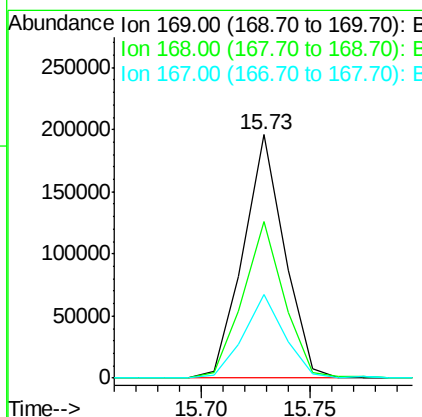
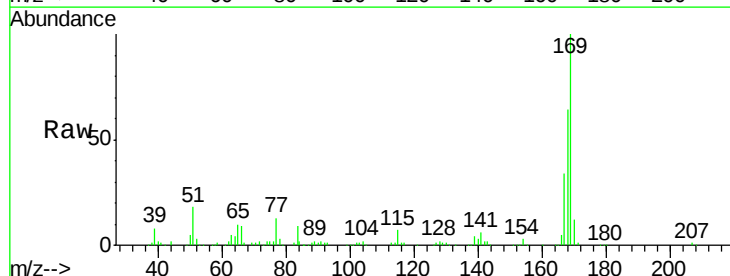
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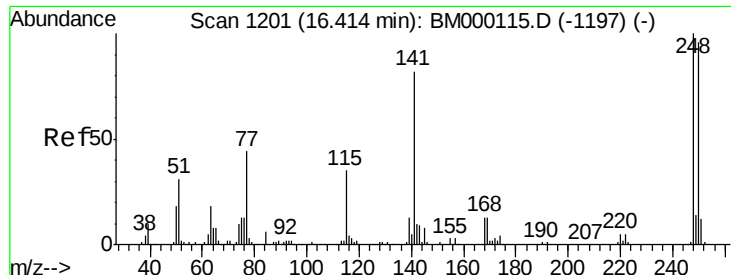
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#64
 N-Nitrosodiphenylamine
 Concen: 6.41 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	259650		
168	64.1	51.8	77.6	
167	34.5	28.1	42.1	





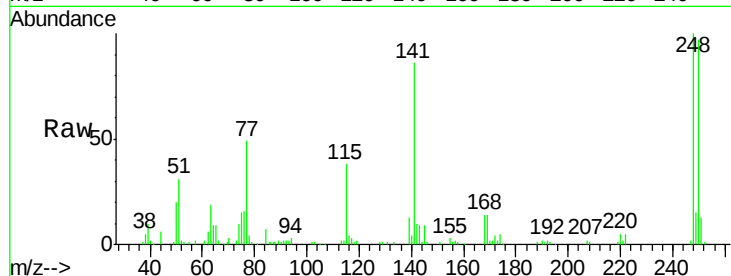
#65
4-Bromophenyl-phenylether
Concen: 6.93 ng/ul
RT: 16.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

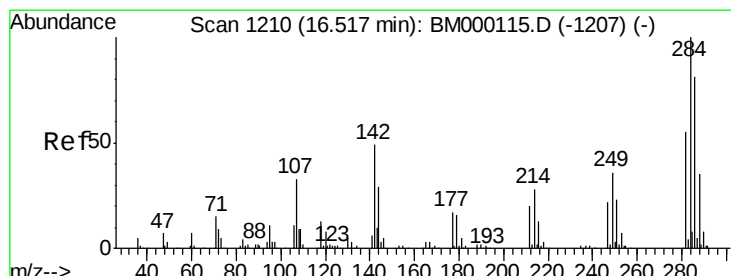
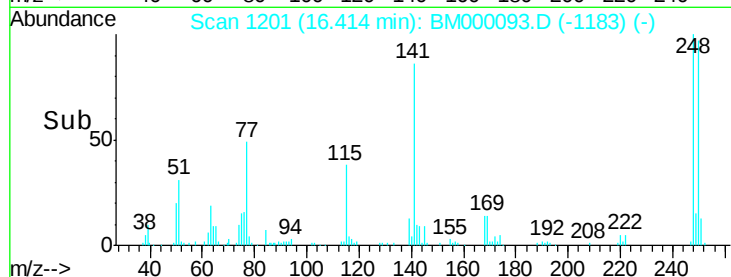
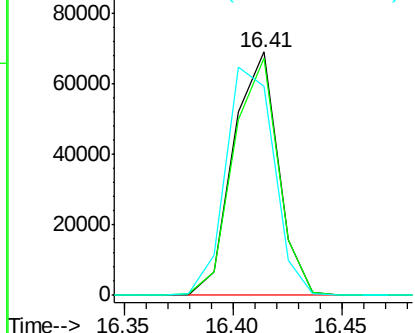
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	98666		
250	97.3		78.4	117.6
141	85.8		67.0	100.4

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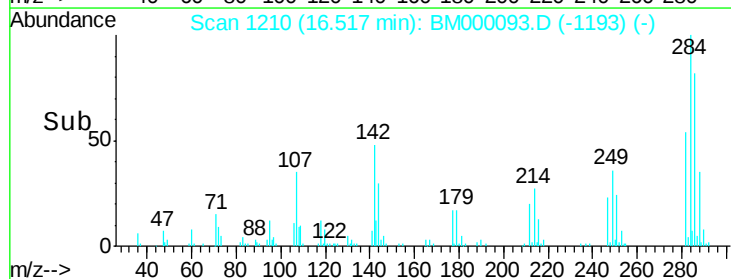
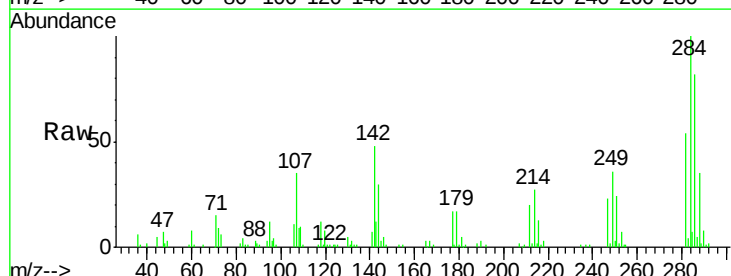
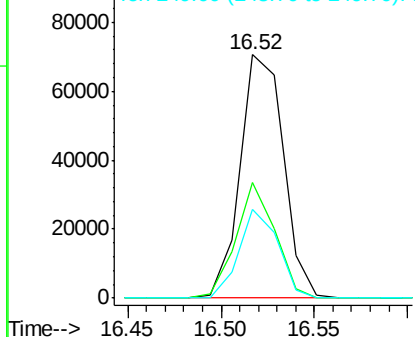
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

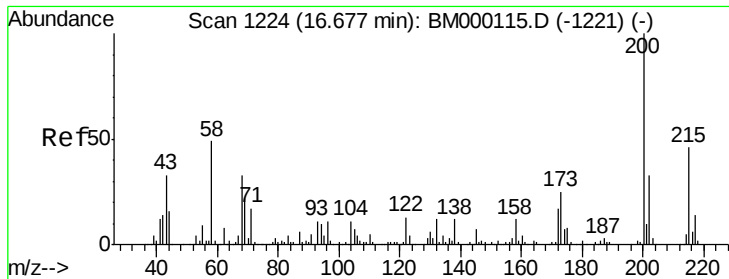


#66
Hexachlorobenzene
Concen: 6.94 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	113986		
142	47.6		32.4	48.6
249	36.4		26.7	40.1

Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





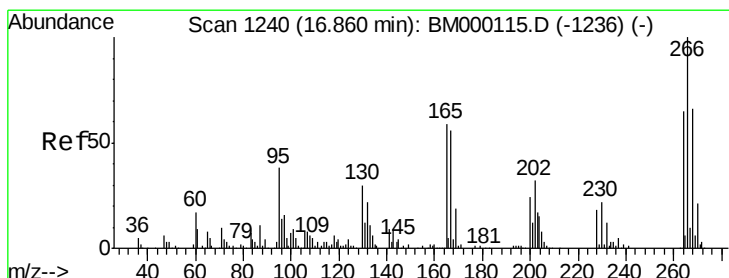
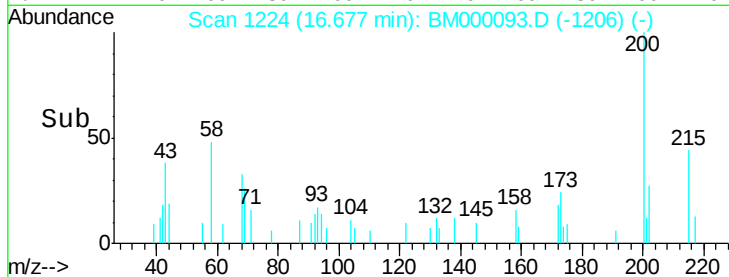
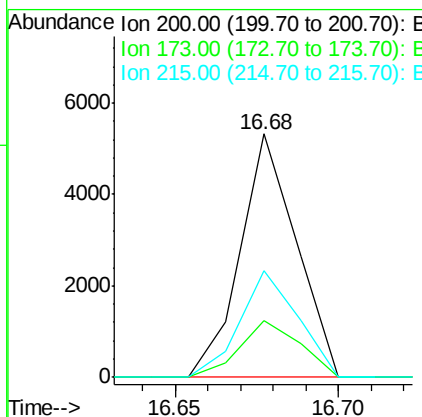
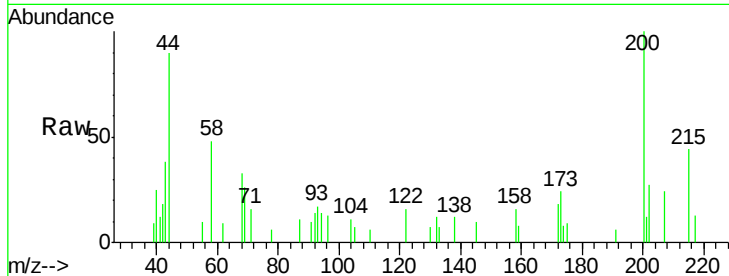
#67
Atrazine
Concen: 0.39 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	19.5	29.3
215	43.6	36.6	54.8

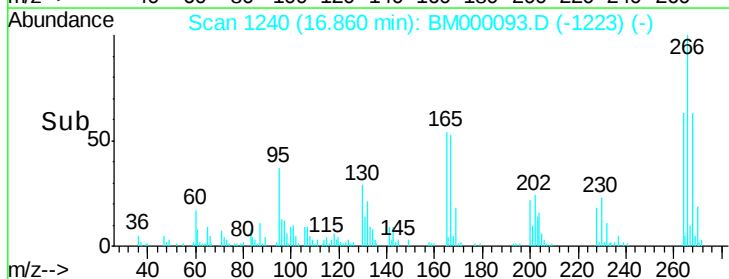
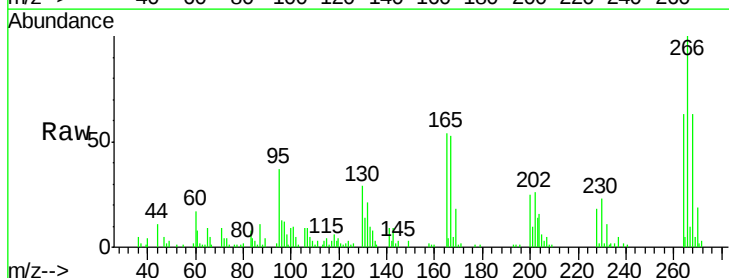
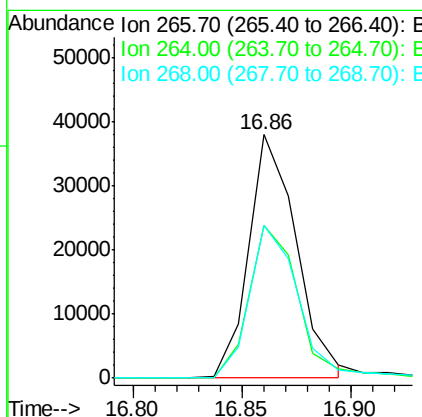
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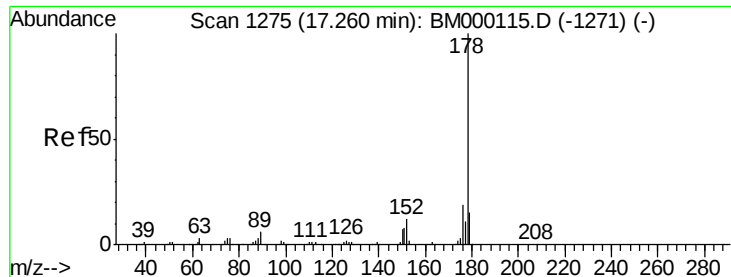
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#68
Pentachlorophenol
Concen: 5.84 ng/ul
RT: 16.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.6	49.8	74.6
268	62.7	48.2	72.4





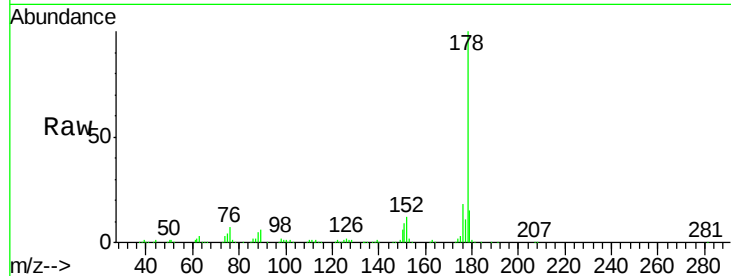
#69
Phenanthrene
Concen: 6.98 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

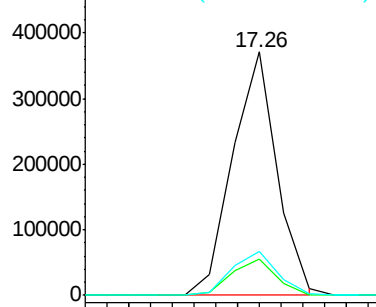
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.6	17.4
176	18.0	14.6	22.0

Manual Integrations
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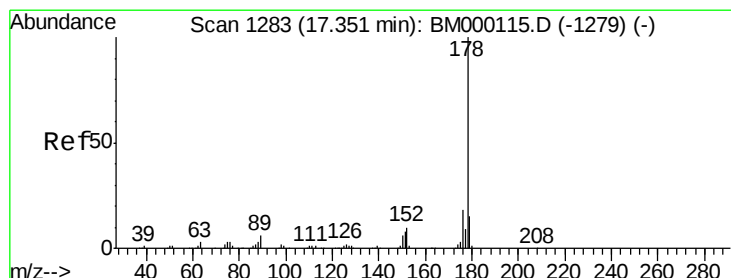
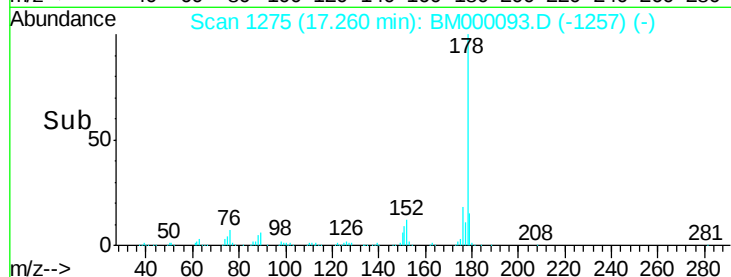
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

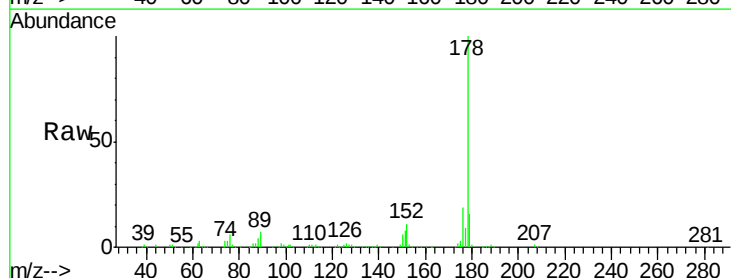


Time-->

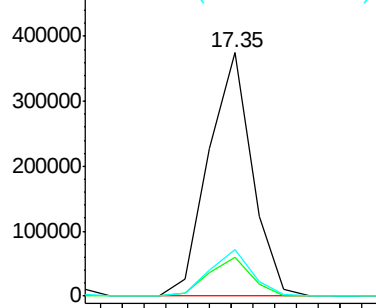


#71
Anthracene
Concen: 6.67 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

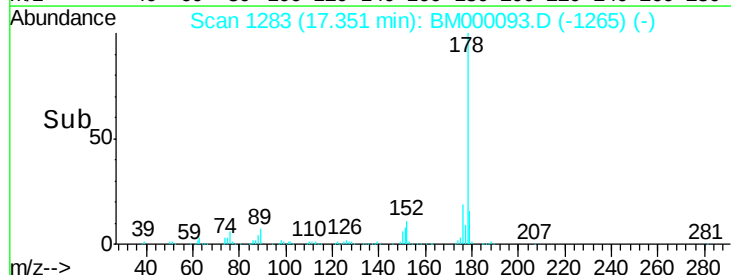
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.9	14.6	21.8

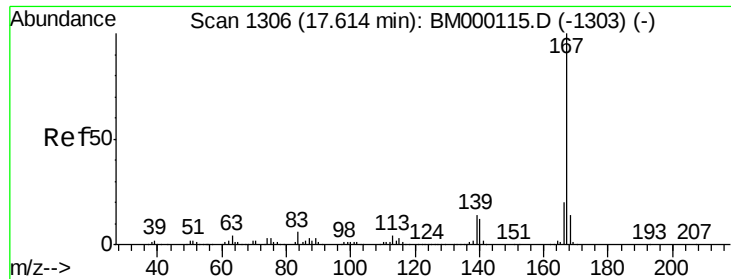


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





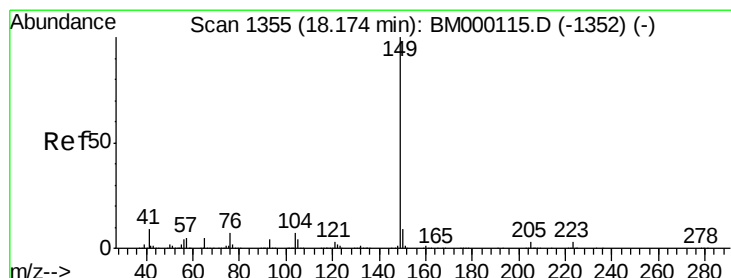
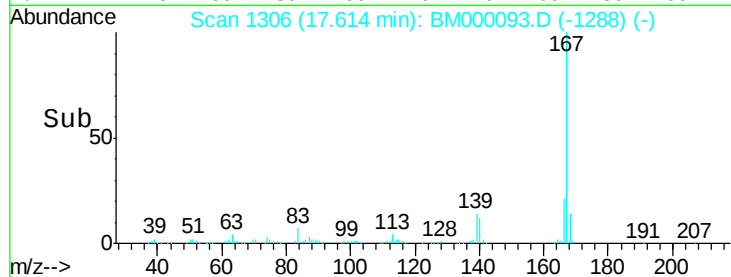
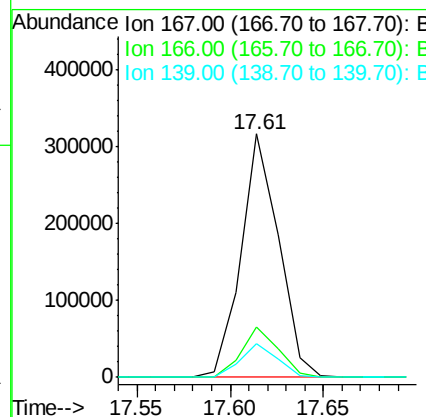
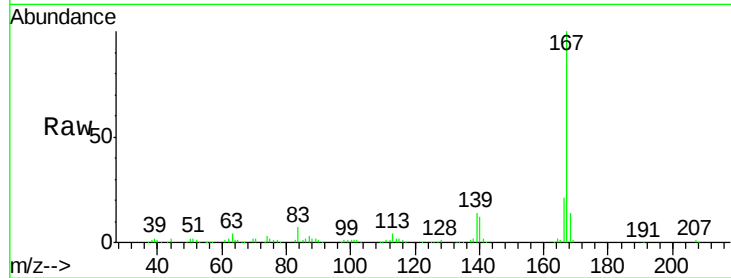
#72
 Carbazole
 Concen: 6.34 ng/ul
 RT: 17.61 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Instrument :
 BNA_M
 ClientSampleId :
 MDLWater-2

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.2	24.4
139	14.0	10.7	16.1

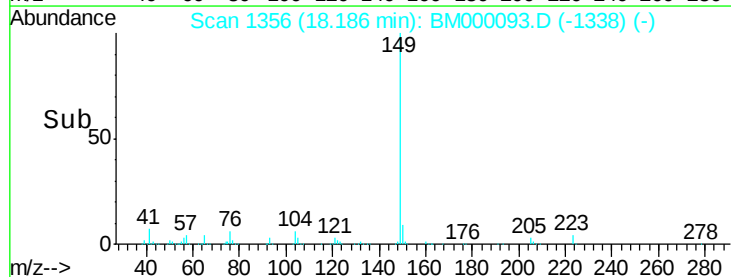
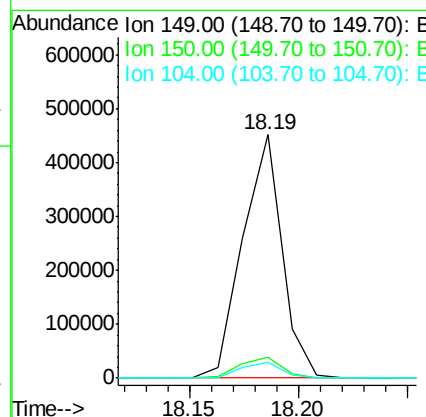
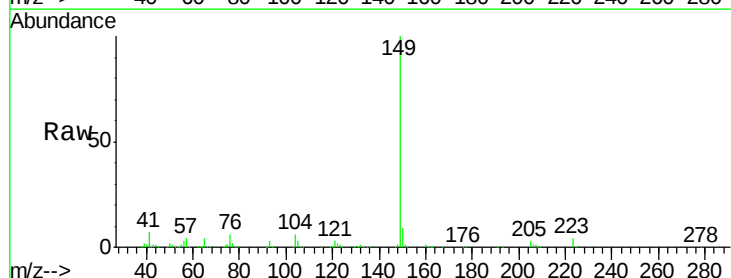
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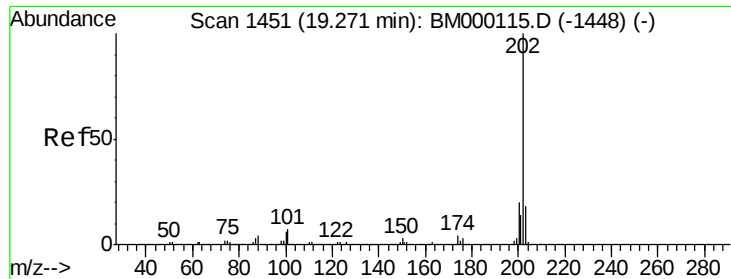
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#73
 Di-n-butylphthalate
 Concen: 6.77 ng/ul
 RT: 18.19 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BM000093.D
 Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	6.2	4.8	7.2





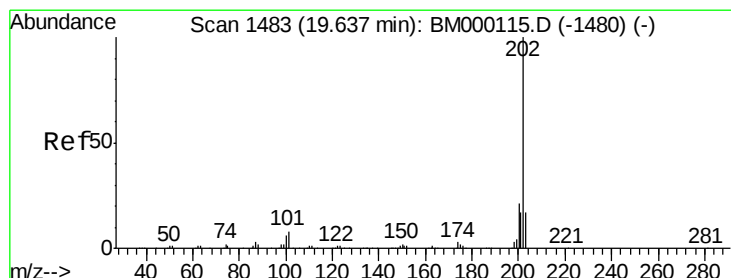
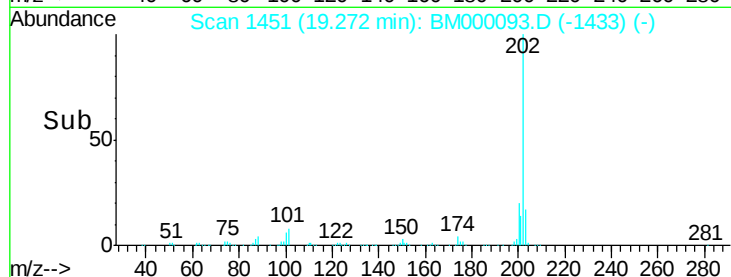
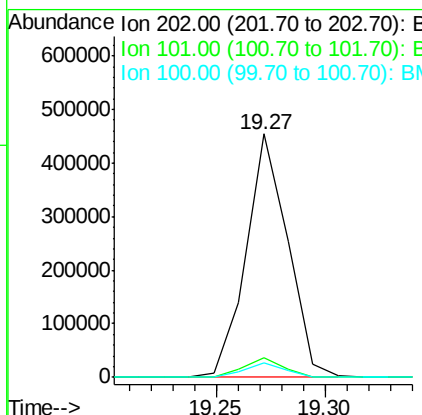
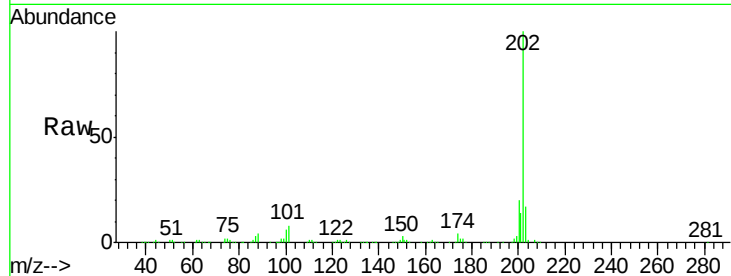
#74
Fluoranthene
Concen: 6.96 ng/ul
RT: 19.27 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	604123		
101	8.2	6.4	9.6	
100	6.1	4.6	7.0	

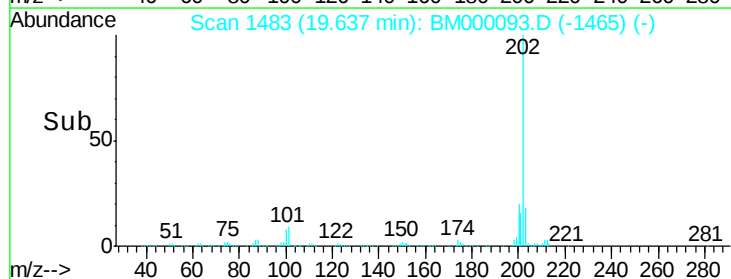
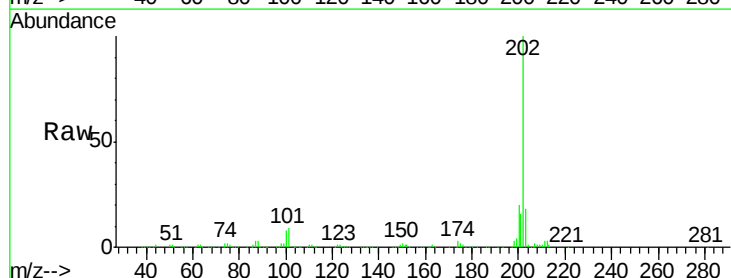
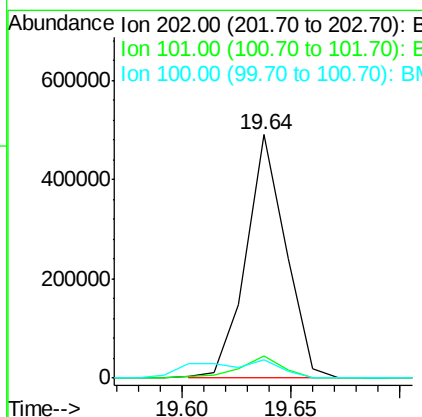
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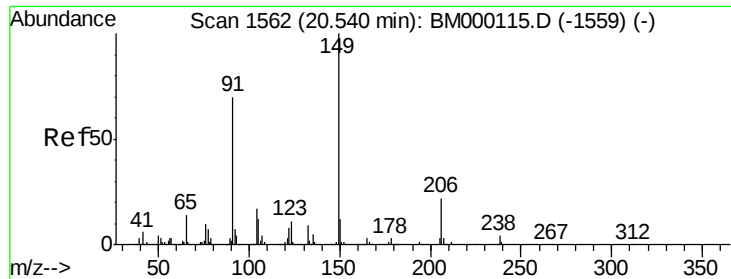
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#77
Pyrene
Concen: 7.50 ng/ul
RT: 19.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	619174		
101	9.0	6.9	10.3	
100	7.7	5.5	8.3	





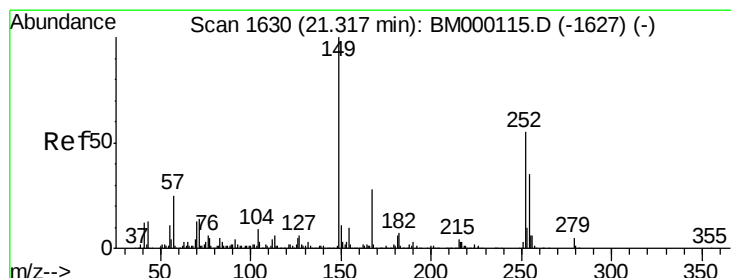
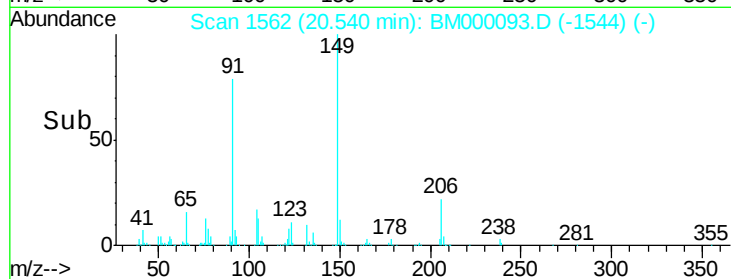
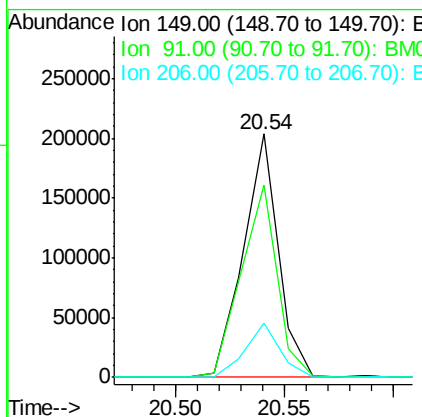
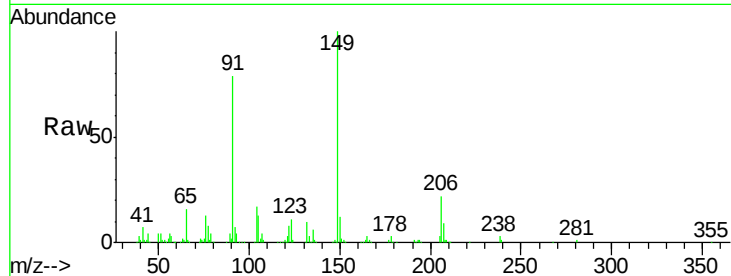
#78
Butylbenzylphthalate
Concen: 6.80 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	228090		
91	78.8	56.6	84.8	
206	22.1	16.8	25.2	

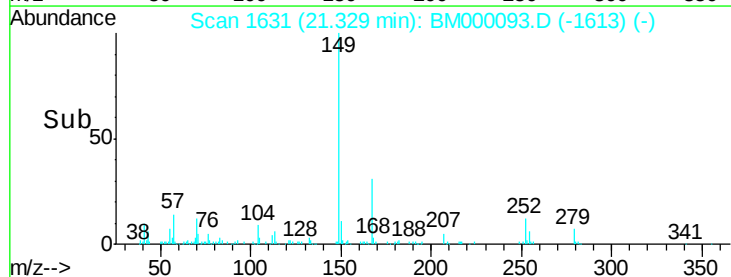
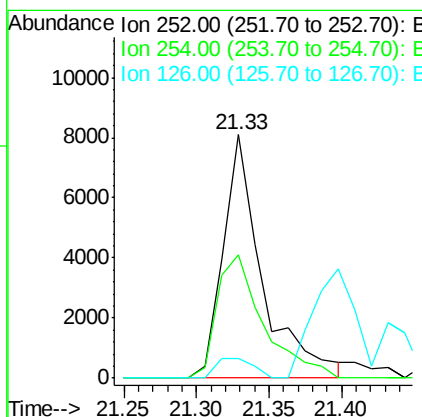
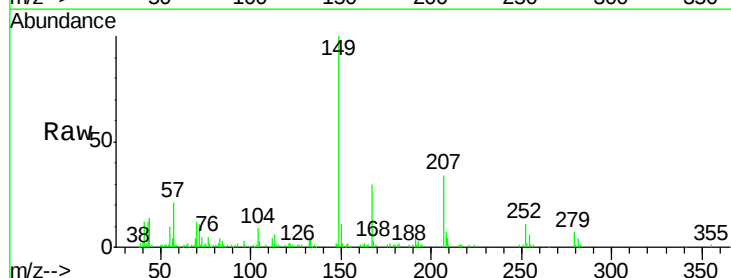
Manual Integrations
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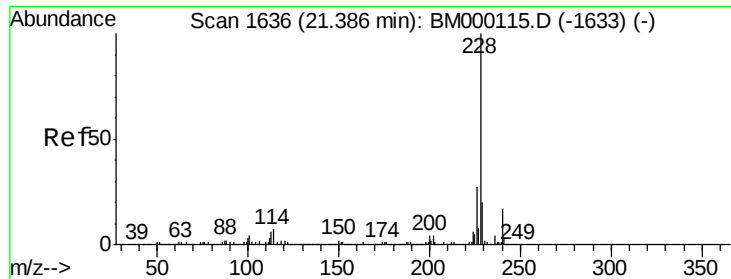
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#79
3,3'-Dichlorobenzidine
Concen: 0.61 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	15160		
254	50.8	51.2	76.8#	
126	8.1	7.9	11.9	





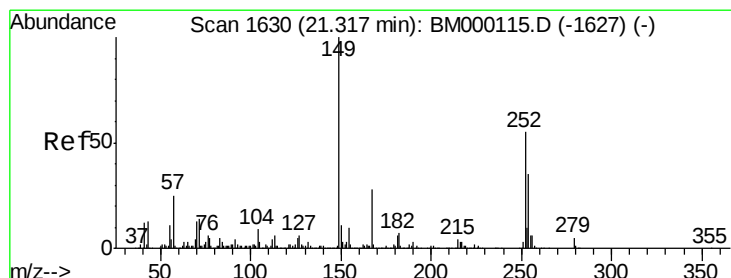
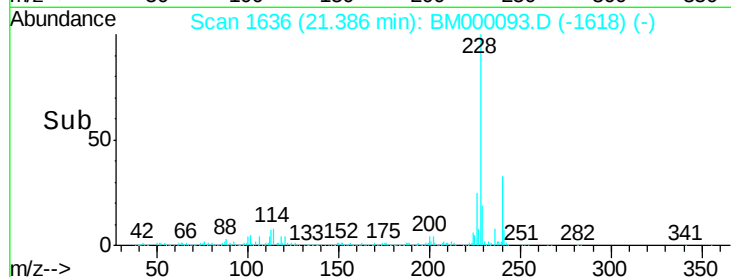
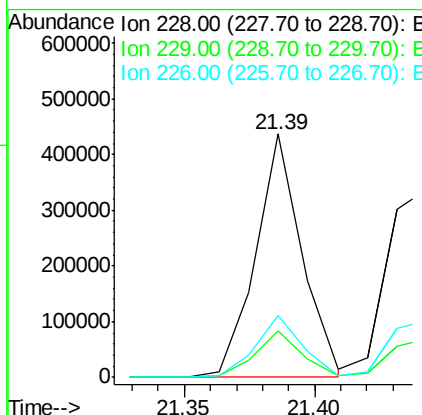
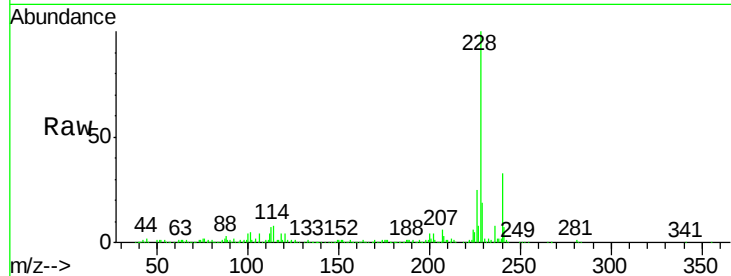
#80
Benzo(a)anthracene
Concen: 6.84 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.8
226	25.4	20.7	31.1

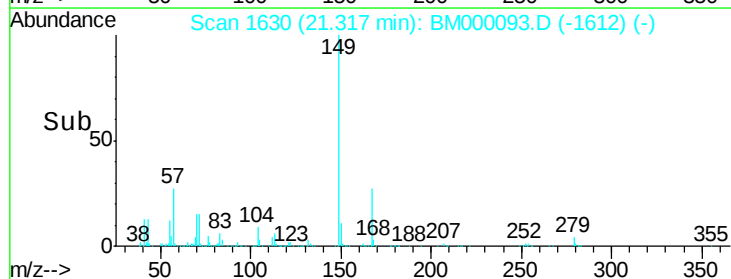
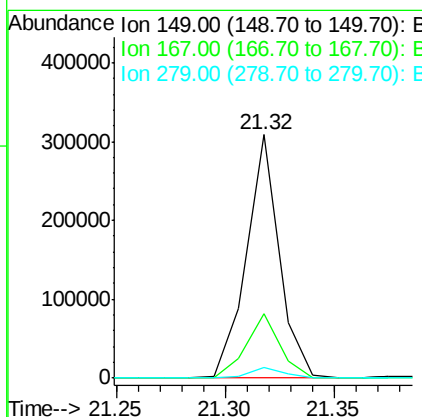
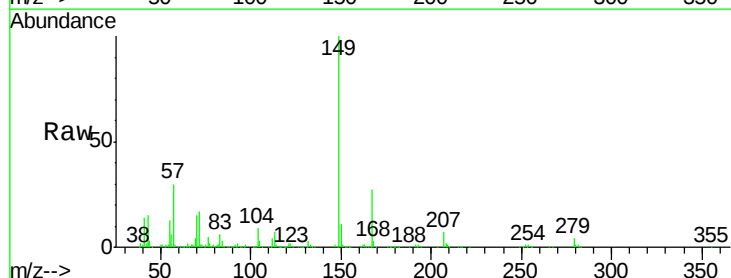
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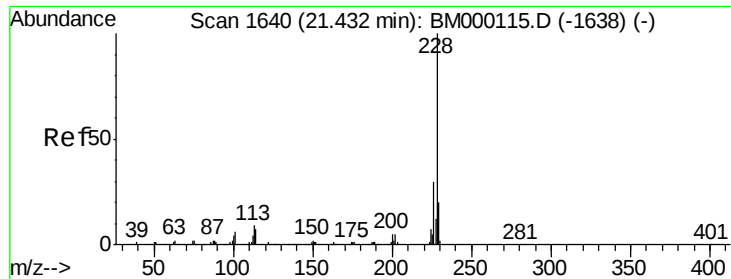
TEJASKUMAR
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.64 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	4.4	3.0	4.6





#82

Chrysene

Concen: 6.86 ng/ul

RT: 21.44 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM000093.D

Acq: 31 Dec 2014 16:06

Instrument :

BNA_M

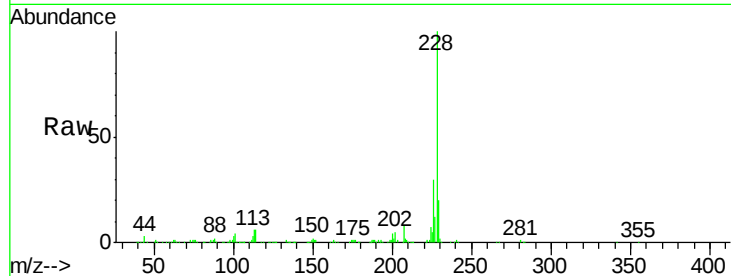
ClientSampleId :

MDLWater-2

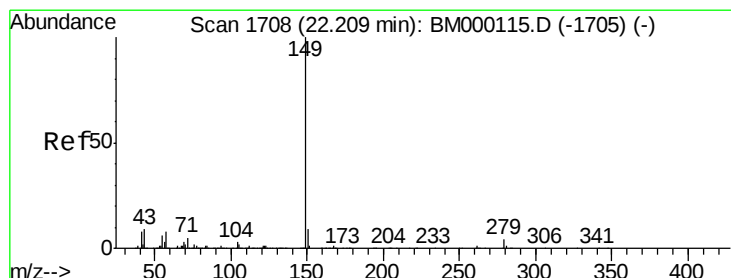
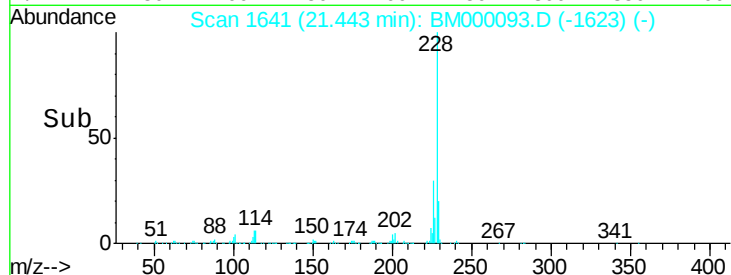
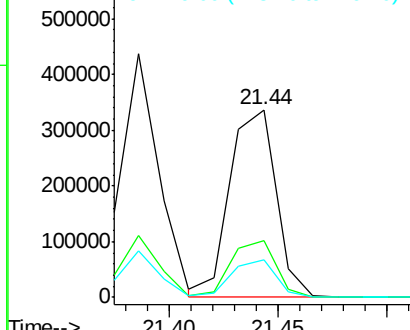
Tgt Ion:	228	Resp:	500159
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.0	34.4
229	20.1	15.6	23.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 7.60 ng/ul

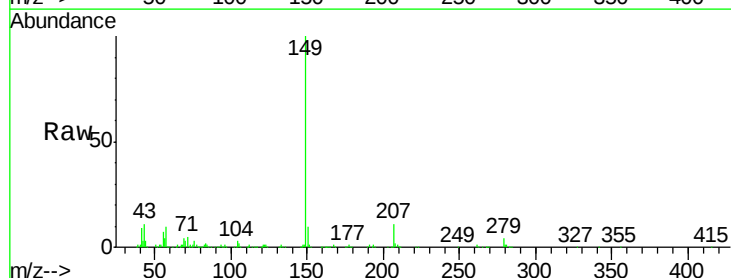
RT: 22.21 min Scan# 1708

Delta R.T. -0.01 min

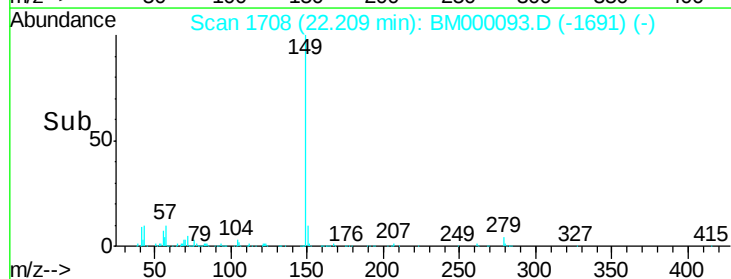
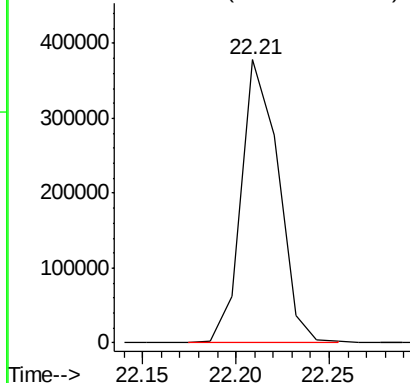
Lab File: BM000093.D

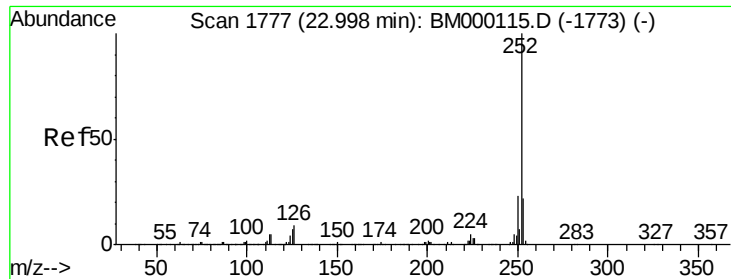
Acq: 31 Dec 2014 16:06

Tgt Ion:149 Resp: 521304



Abundance Ion 149.00 (148.70 to 149.70): E





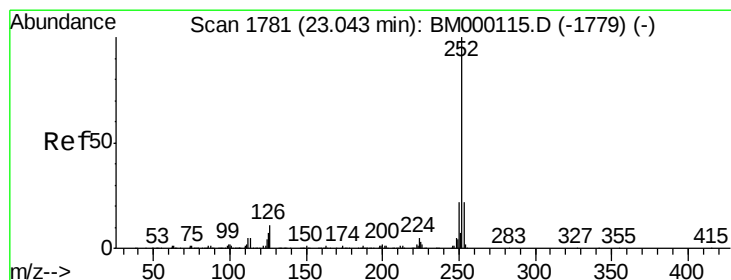
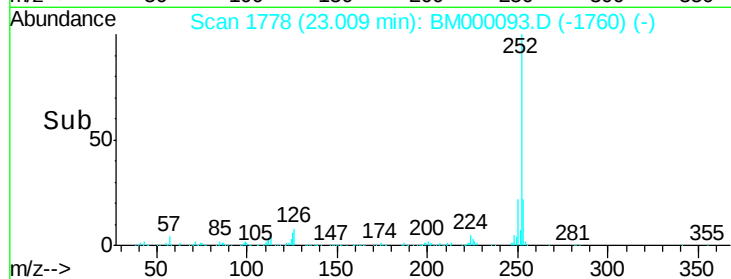
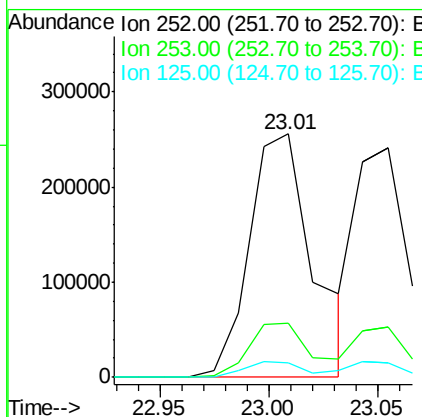
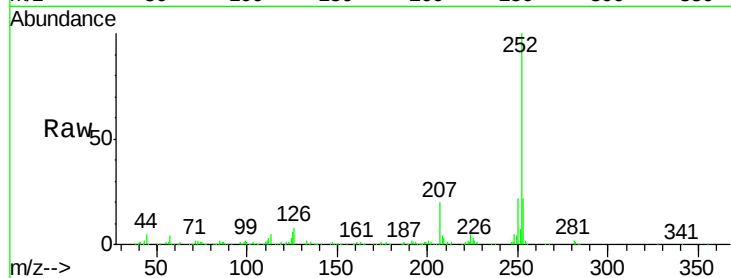
#85
Benzo(b)fluoranthene
Concen: 8.18 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	5.9	4.8	7.2

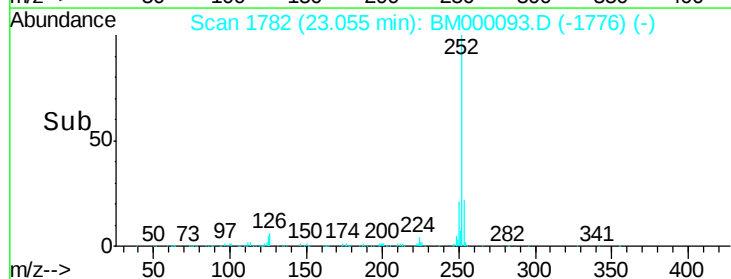
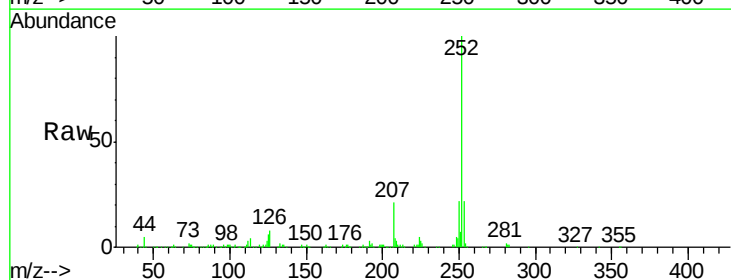
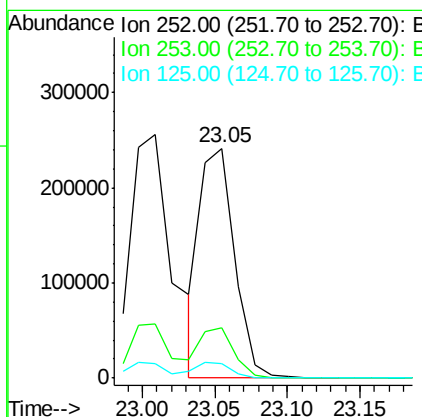
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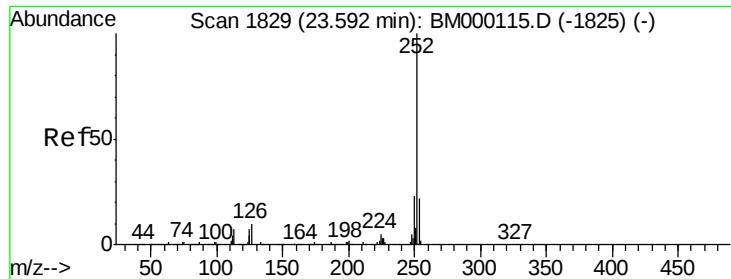
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#86
Benzo(k)fluoranthene
Concen: 7.33 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	6.1	4.9	7.3





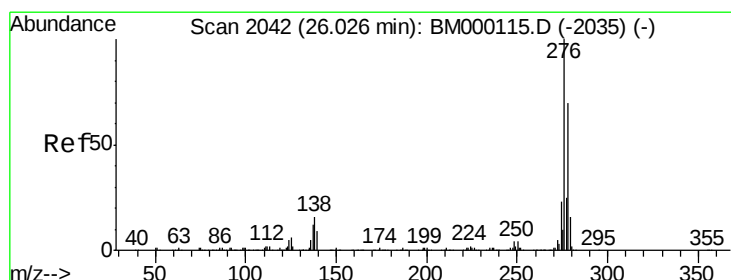
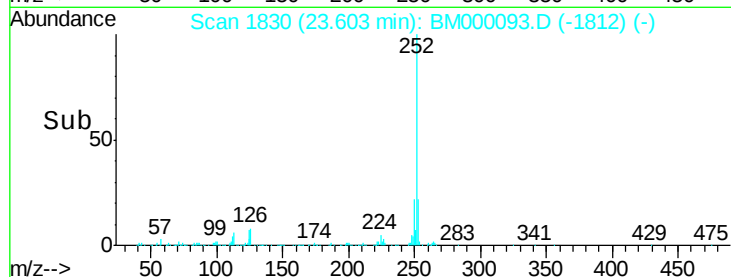
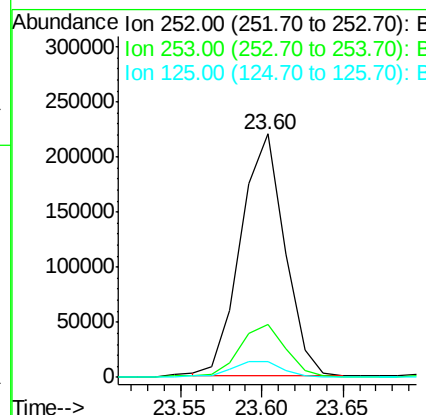
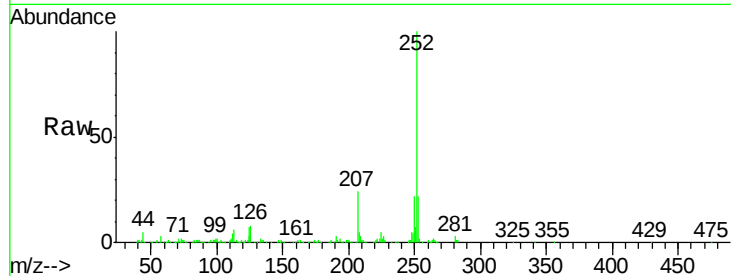
#88
Benzo(a)pyrene
Concen: 7.33 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.0	25.6
125	6.6	5.8	8.6

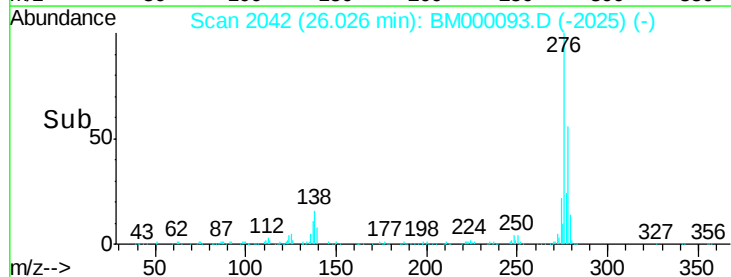
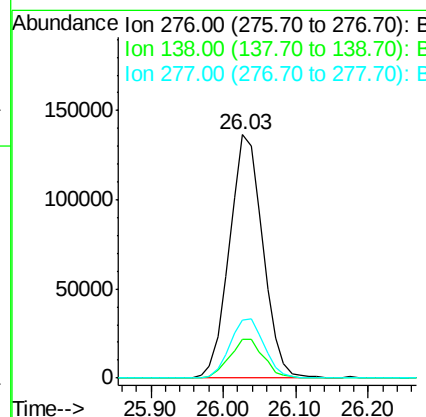
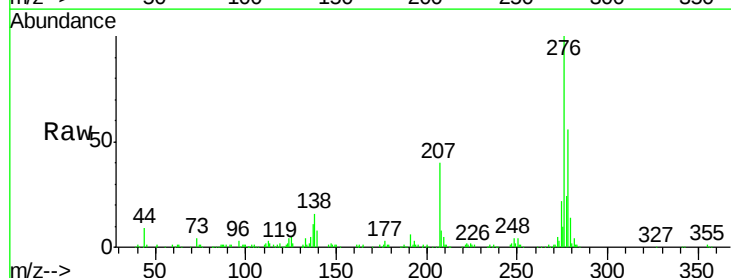
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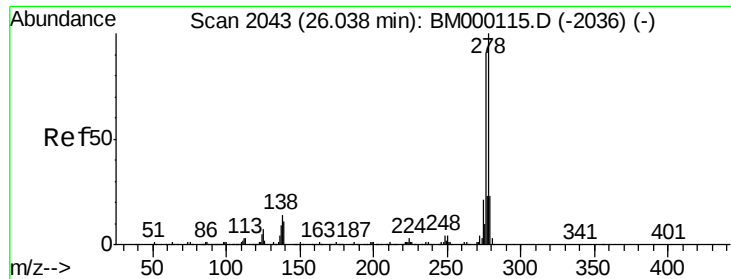
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#89
Indeno(1,2,3-cd)pyrene
Concen: 7.49 ng/ul
RT: 26.03 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.8	14.2	21.2
277	24.0	18.8	28.2





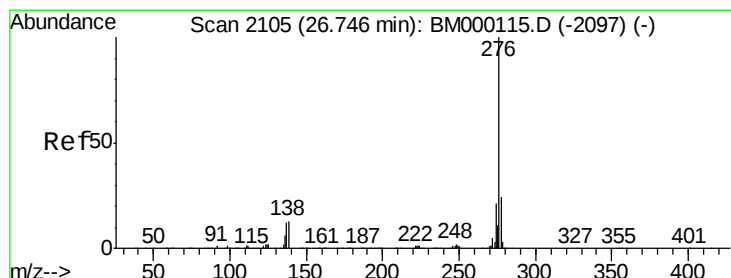
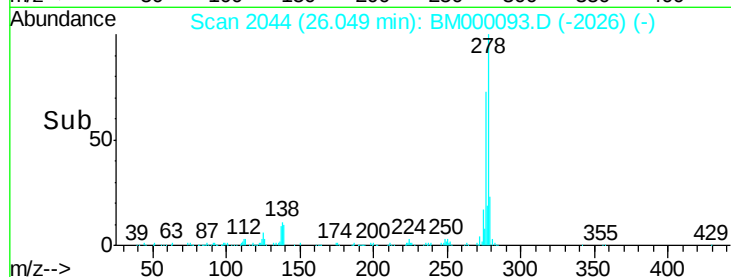
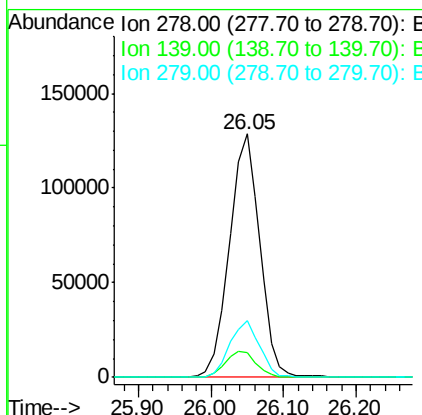
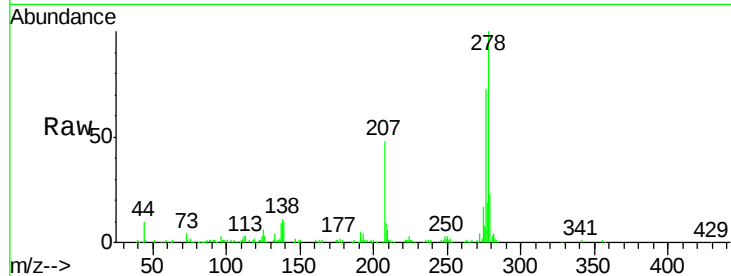
#90
Dibenzo(a,h)anthracene
Concen: 7.63 ng/ul
RT: 26.05 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	10.2	15.2
279	23.3	19.2	28.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.51 ng/ul
RT: 26.75 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM000093.D
Acq: 31 Dec 2014 16:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.1	18.1
277	24.4	19.0	28.4

