

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009330.D
 Acq On : 22 Mar 2017 22:23
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	167312	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	618424	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	347977	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	798680	20.00	ng	0.00
75) Chrysene-d12	21.42	240	1041668	20.00	ng	0.00
86) Perylene-d12	23.75	264	970805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1433375	142.80	ng	0.00
7) Phenol-d6	7.02	99	1942964	141.95	ng	0.00
23) Nitrobenzene-d5	9.03	82	1514536	91.82	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	638233	147.64	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	2734763	94.70	ng	0.00
78) Terphenyl-d14	19.87	244	4140244	83.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.19	93	18011	0.97	ng	# 94
8) 2-Chlorophenol	7.42	128	10348	1.02	ng	# 61
9) Benzaldehyde	7.02	77	16345	1.52	ng	# 50
10) Phenol	7.04	94	16680	1.12	ng	# 63
11) bis(2-Chloroethyl)ether	7.28	93	12793	1.05	ng	# 93
12) 1,3-Dichlorobenzene	7.75	146	12330	1.01	ng	# 63
13) 1,4-Dichlorobenzene	7.89	146	12648	1.00	ng	# 94
14) 1,2-Dichlorobenzene	8.21	146	12557	1.03	ng	# 89
15) Benzyl Alcohol	8.10	79	11910	1.00	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.39	45	19825	0.94	ng	# 97
18) Hexachloroethane	8.93	117	4743	0.92	ng	# 96
24) Nitrobenzene	9.07	77	18475	1.14	ng	# 82
31) Naphthalene	10.70	128	33619	1.02	ng	# 98
34) Hexachlorobutadiene	10.98	225	8157	1.03	ng	# 65
37) 2-Methylnaphthalene	12.32	142	20300	0.90	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	12692	0.97	ng	# 100
45) 1,1'-Biphenyl	13.33	154	32594	1.13	ng	# 95
46) 2-Chloronaphthalene	13.38	162	22575	1.00	ng	# 94
47) 2-Nitroaniline	13.59	65	6606	0.80	ng	# 73
48) Acenaphthylene	14.23	152	30726	0.84	ng	# 96
49) Dimethylphthalate	13.96	163	27443	1.03	ng	# 99
50) 2,6-Dinitrotoluene	14.09	165	4405	0.77	ng	# 83
51) Acenaphthene	14.57	154	22572	1.02	ng	# 97
54) Dibenzofuran	14.90	168	34528	1.06	ng	# 95
57) Fluorene	15.55	166	27250	0.93	ng	# 97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	5412	0.76	ng	# 100
59) Diethylphthalate	15.32	149	24998	0.92	ng	# 94
62) Azobenzene	15.83	77	22658	0.72	ng	# 92
65) n-Nitrosodiphenylamine	15.76	169	20103	0.83	ng	# 94
66) 4-Bromophenyl-phenylether	16.44	248	8103	0.88	ng	# 81
67) Hexachlorobenzene	16.55	284	11261	1.11	ng	# 85
68) Atrazine	16.70	200	7795	0.85	ng	# 76
70) Phenanthrene	17.29	178	44843	0.98	ng	# 97
71) Anthracene	17.38	178	40963	0.89	ng	# 96

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009330.D
 Acq On : 22 Mar 2017 22:23
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

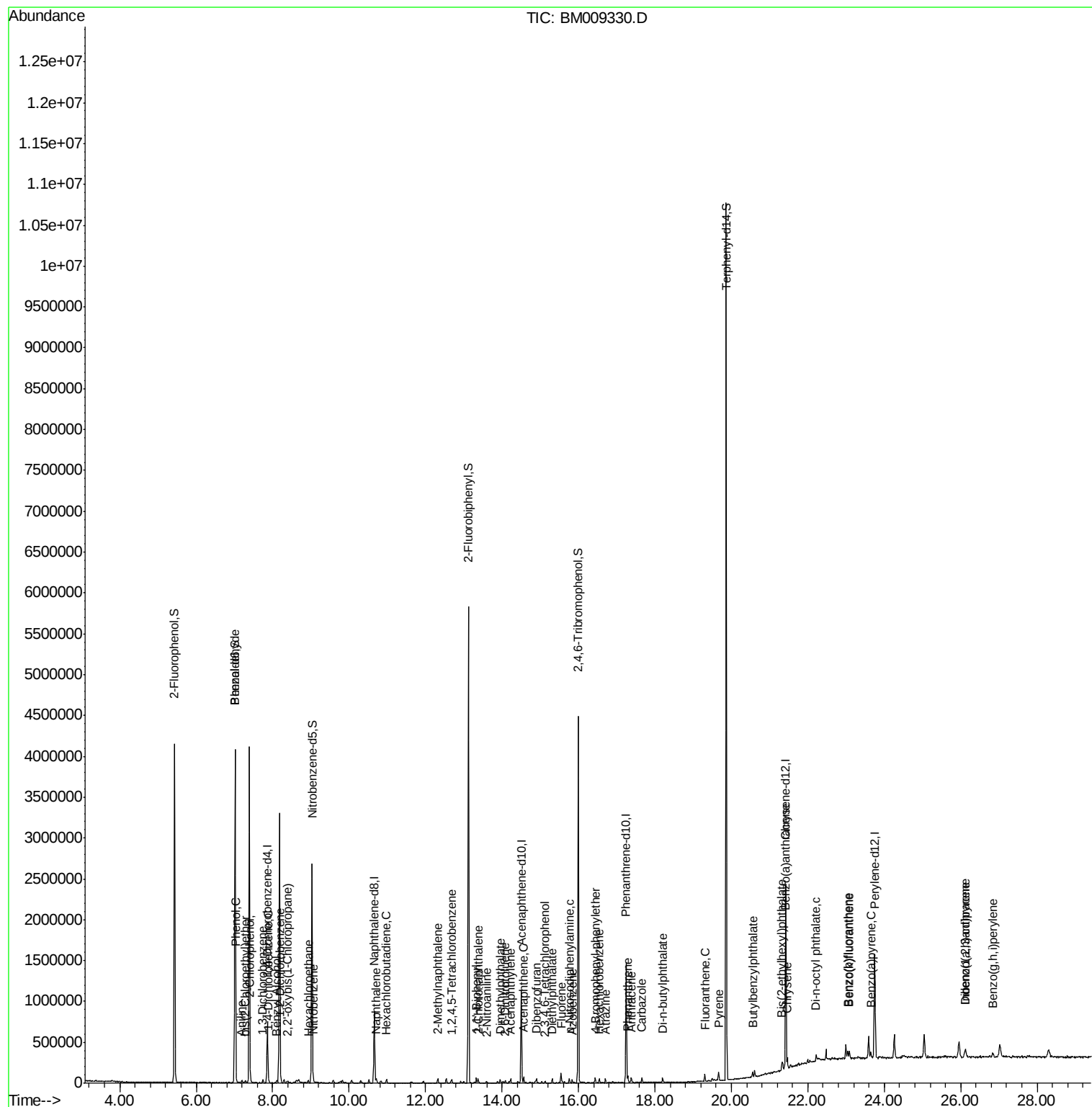
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	17.66	167	38956	0.88	nq	# 87
73) Di-n-butylphthalate	18.20	149	34888	0.77	nq	# 97
74) Fluoranthene	19.30	202	49678	0.92	nq	94
77) Pyrene	19.67	202	53053	0.90	nq	98
79) Butylbenzylphthalate	20.56	149	16152	0.76	nq	# 78
80) Benzo(a)anthracene	21.41	228	61950	1.02	nq	97
82) Chrysene	21.46	228	59775	1.03	nq	94
83) Bis(2-ethylhexyl)phthalate	21.32	149	24438	0.77	nq	96
84) Di-n-octyl phthalate	22.22	149	39480	0.75	nq	# 76
85) Indeno(1,2,3-cd)pyrene	26.11	276	63868	1.01	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	58803	0.96	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	56984m	0.96	nq	
89) Benzo(a)pyrene	23.64	252	52033	0.91	nq	99
90) Dibenzo(a,h)anthracene	26.13	278	56785	1.02	nq	# 93
91) Benzo(a,h,i)perylene	26.84	276	54874	1.01	nq	# 93

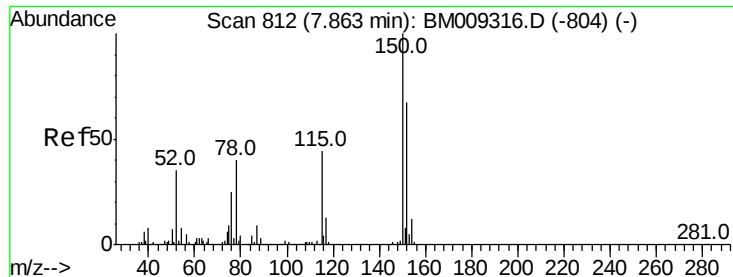
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009330.D
 Acq On : 22 Mar 2017 22:23
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

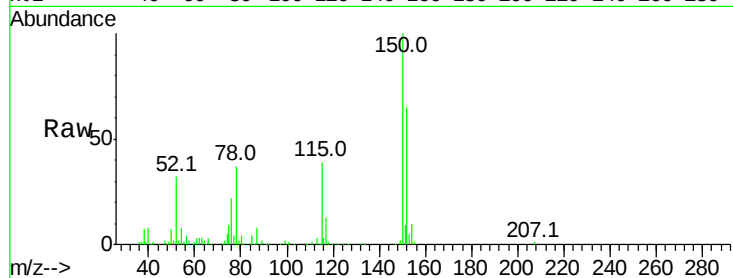
Tot Ion:152 Resp: 167312

Ion Ratio Lower Upper

152 100

150 154.7 119.5 179.3

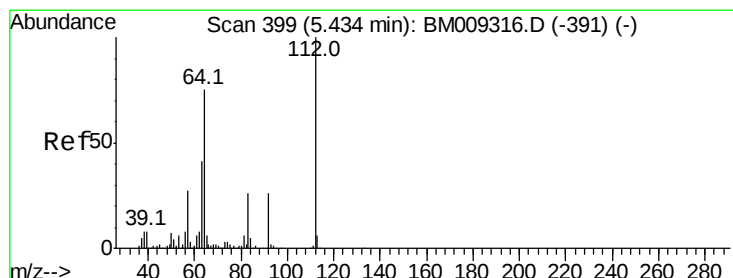
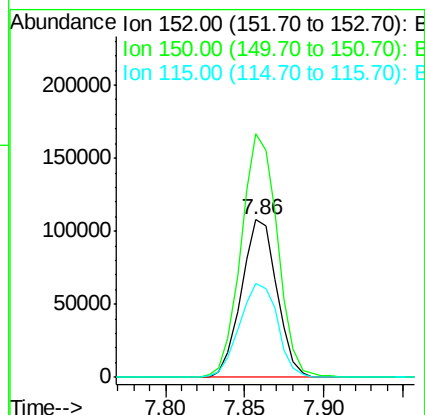
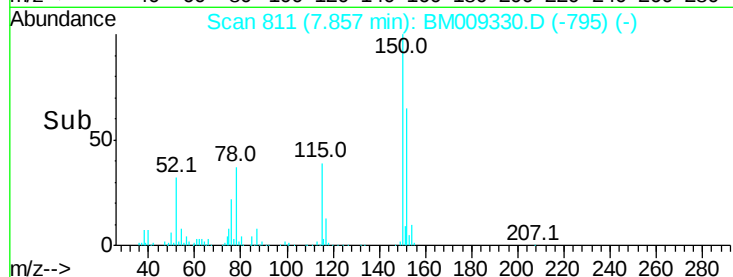
115 59.9 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 142.80 ng

RT: 5.43 min Scan# 399

Delta R.T. 0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

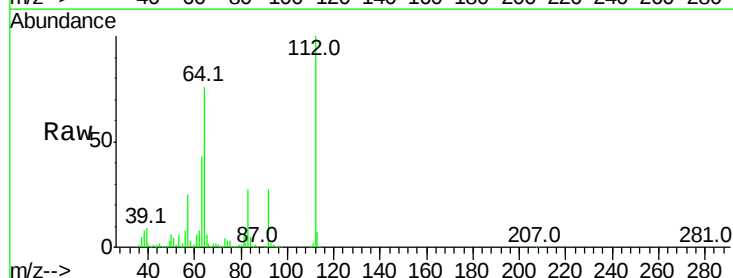
Tgt Ion:112 Resp: 1433375

Ion Ratio Lower Upper

112 100

64 75.8 38.6 57.8#

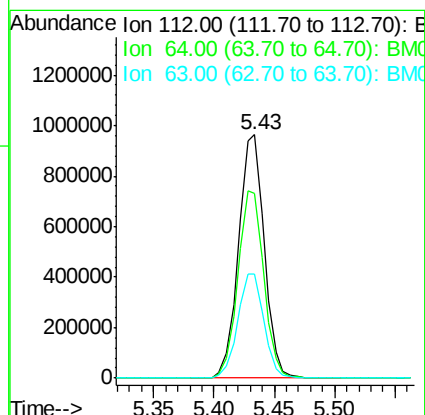
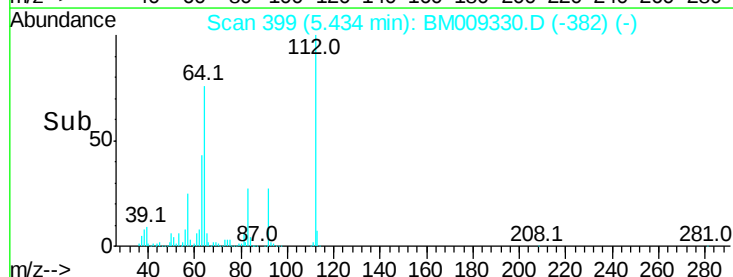
63 43.0 19.3 28.9#

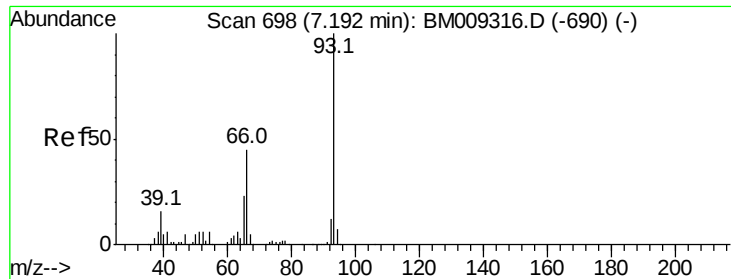


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#6

Aniline

Concen: 0.97 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

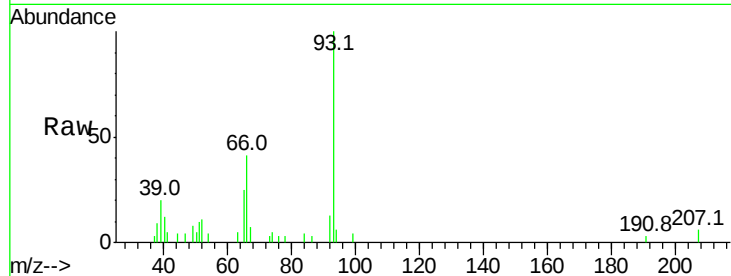
Tot Ion: 93 Resp: 18011

Ion Ratio Lower Upper

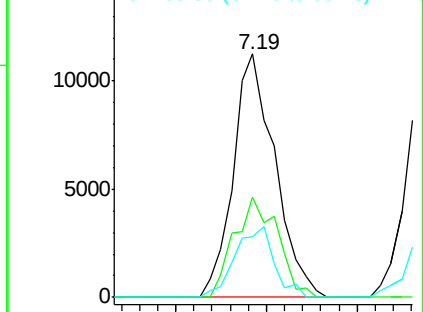
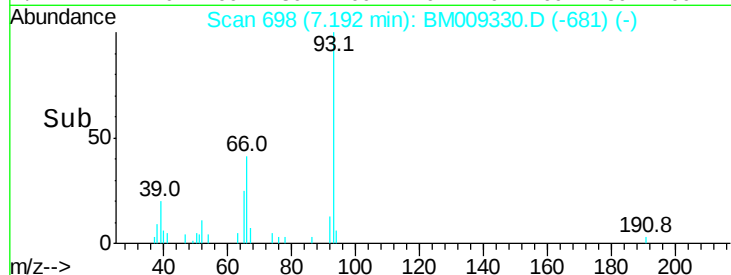
93 100

66 41.2 30.8 46.2

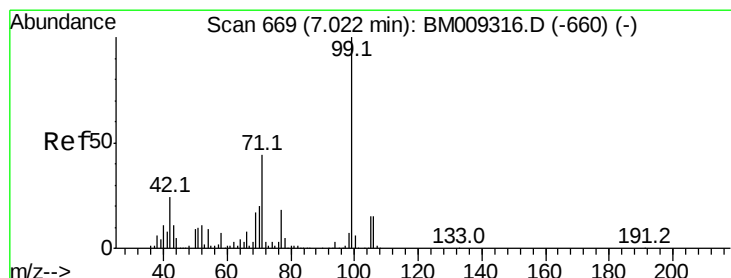
65 24.7 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BM009330.D (-681) (-)



Time-->



#7

Phenol-d6

Concen: 141.95 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

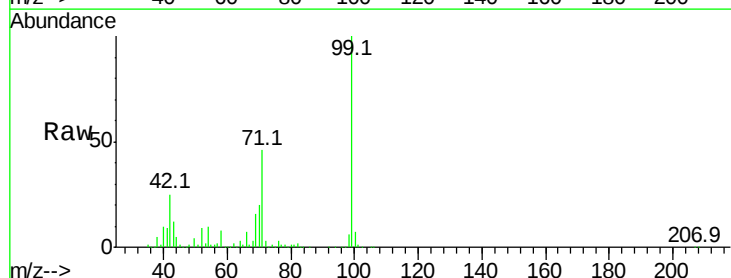
Tgt Ion: 99 Resp: 1942964

Ion Ratio Lower Upper

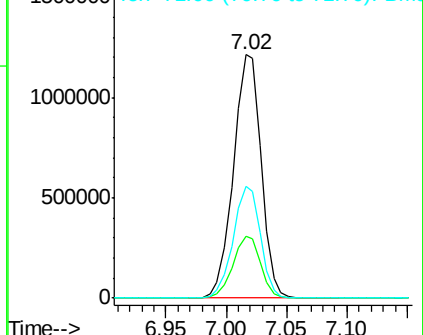
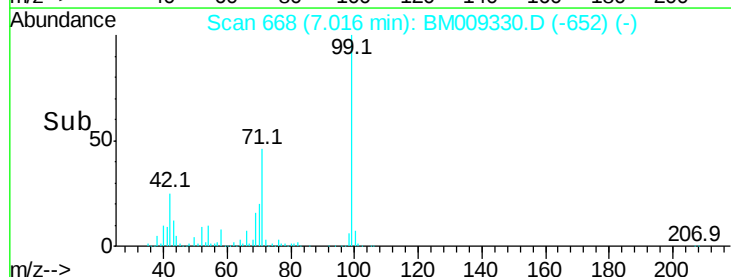
99 100

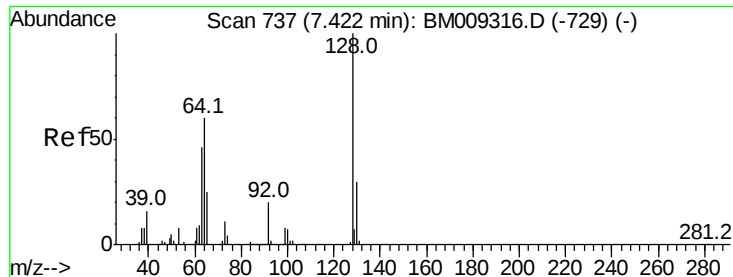
42 25.4 11.0 16.4#

71 45.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009330.D (-652) (-)





#8

2-Chlorophenol

Concen: 1.02 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

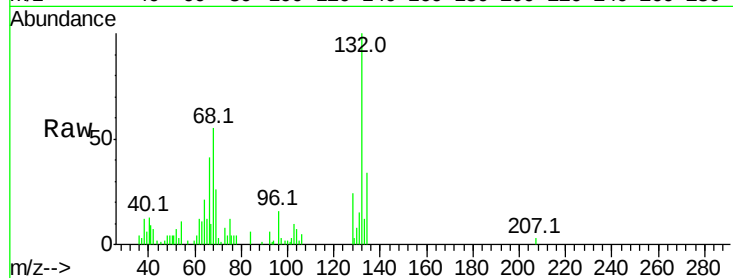
Tot Ion:128 Resp: 10348

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

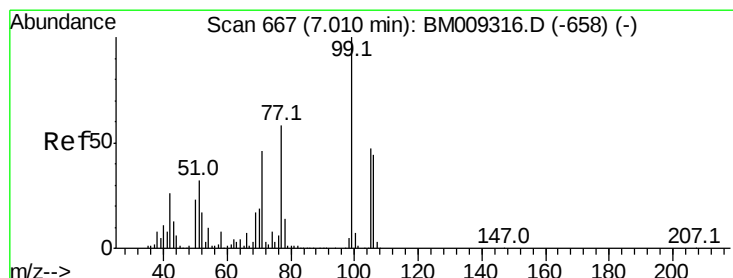
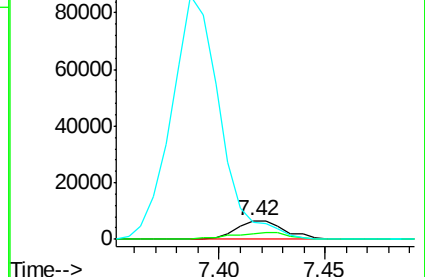
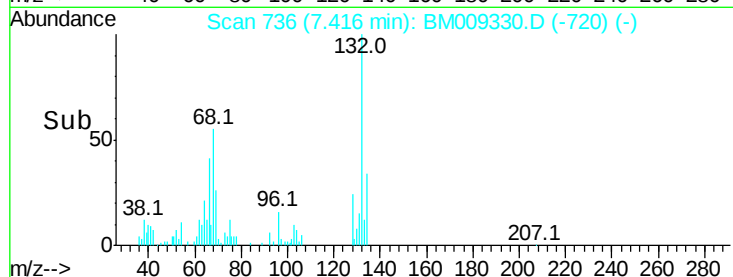
64 88.2 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 1.52 ng

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

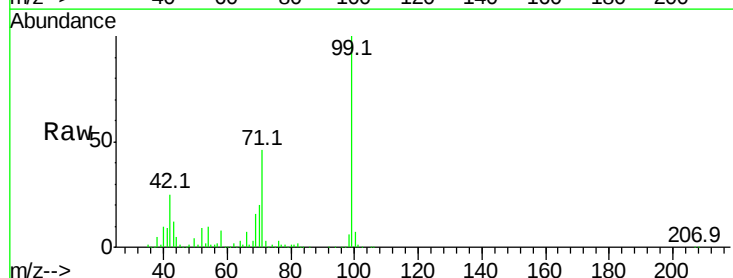
Tgt Ion: 77 Resp: 16345

Ion Ratio Lower Upper

77 100

105 46.2 78.8 118.8#

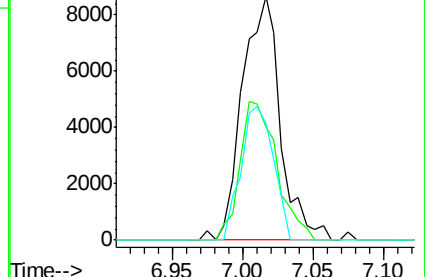
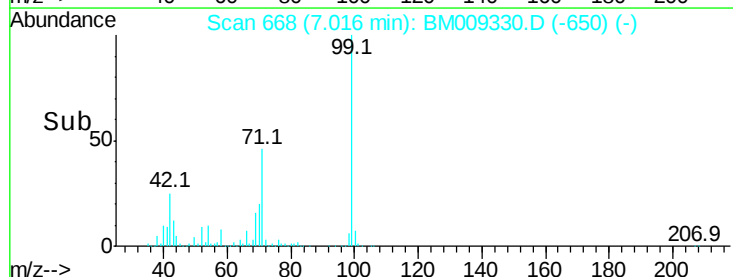
106 48.2 73.7 113.7#

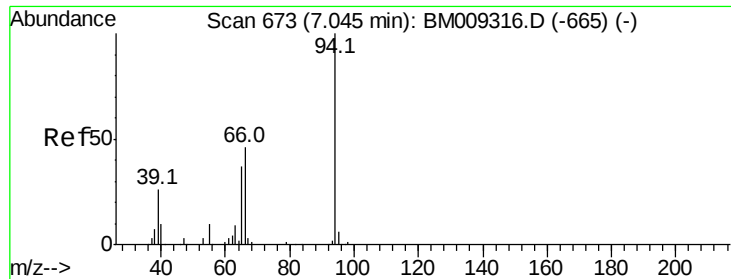


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.12 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

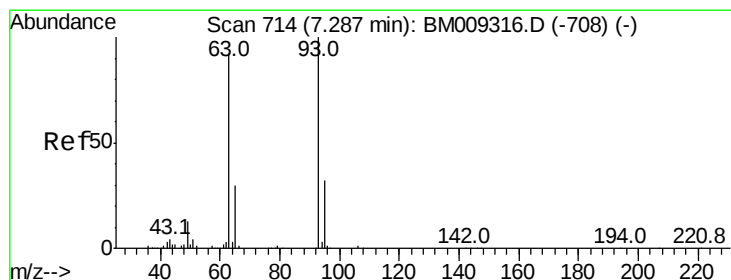
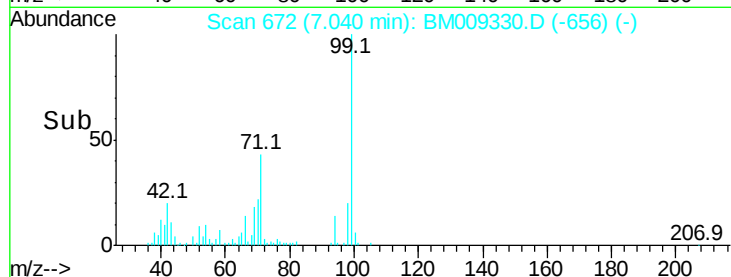
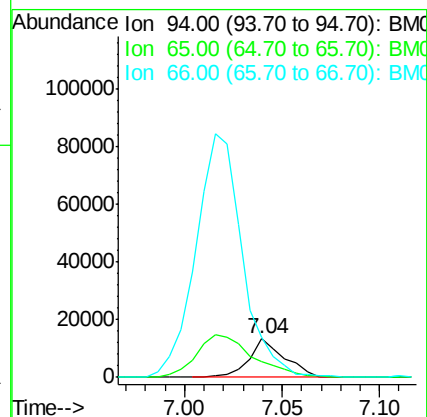
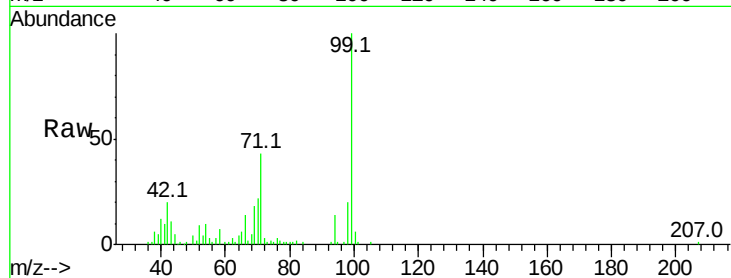
Tot Ion: 94 Resp: 16680

Ion Ratio Lower Upper

94 100

65 40.6 18.8 58.8

66 104.6 39.9 79.9#



#11

bis(2-Chloroethyl)ether

Concen: 1.05 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

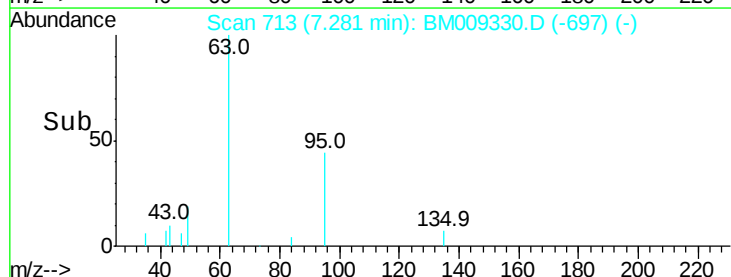
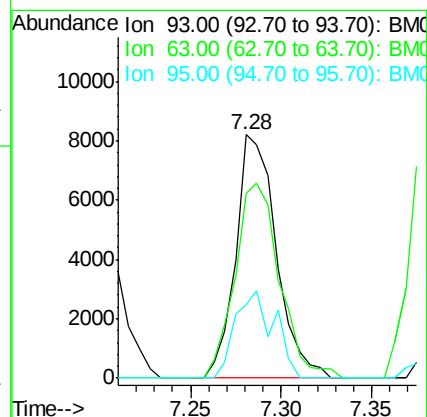
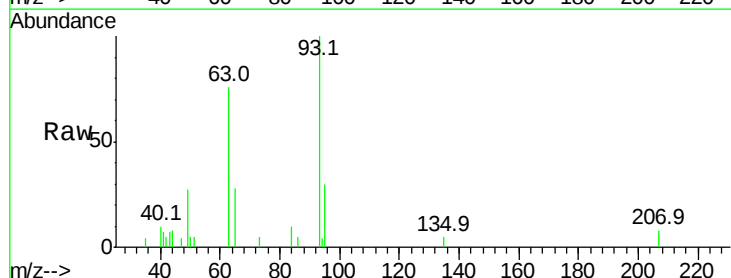
Tgt Ion: 93 Resp: 12793

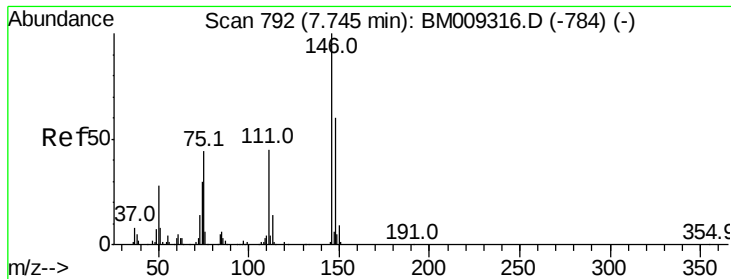
Ion Ratio Lower Upper

93 100

63 76.1 49.5 89.5

95 30.0 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 1.01 ng

RT: 7.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

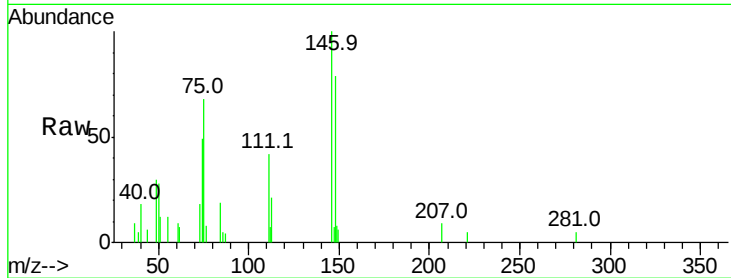
Tot Ion:146 Resp: 12330

Ion Ratio Lower Upper

146 100

148 78.7 50.9 76.3#

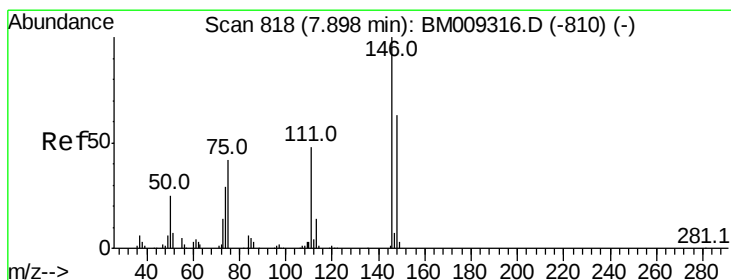
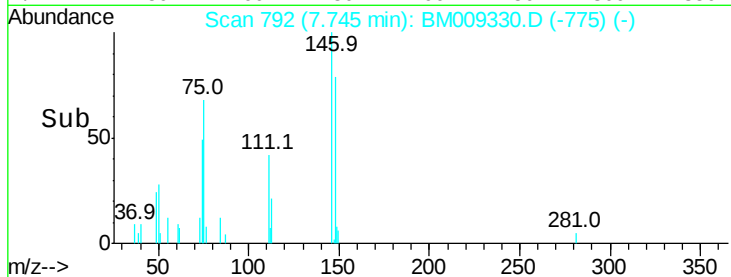
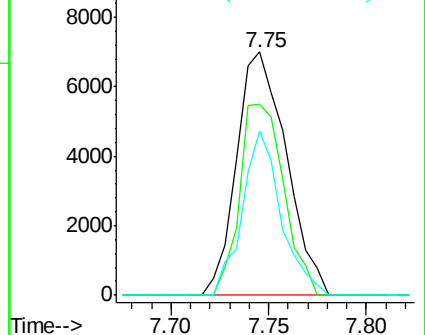
75 67.6 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 1.00 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

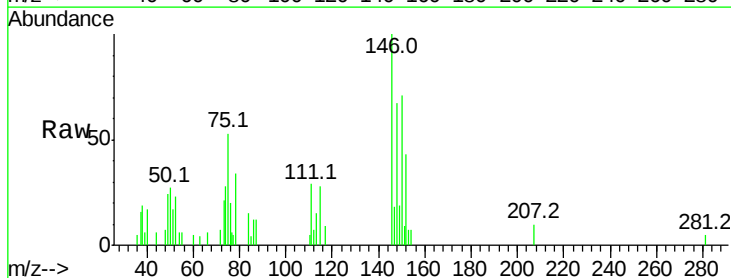
Tgt Ion:146 Resp: 12648

Ion Ratio Lower Upper

146 100

148 67.2 51.9 77.9

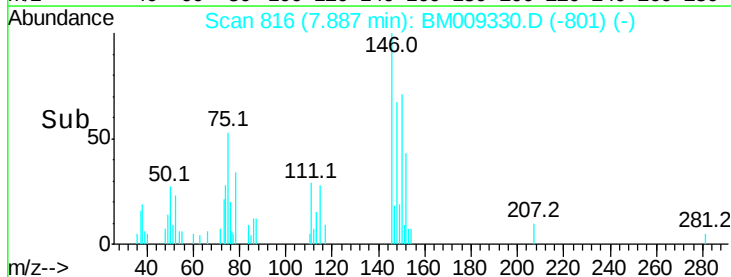
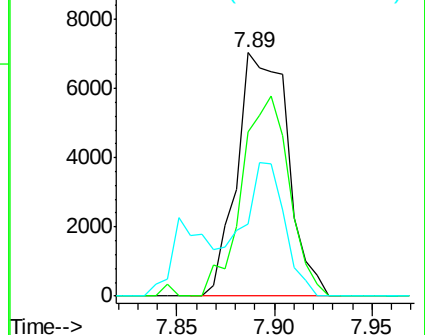
111 29.5 29.2 43.8

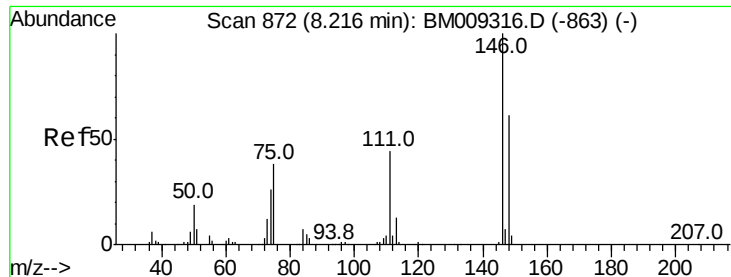


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1.03 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

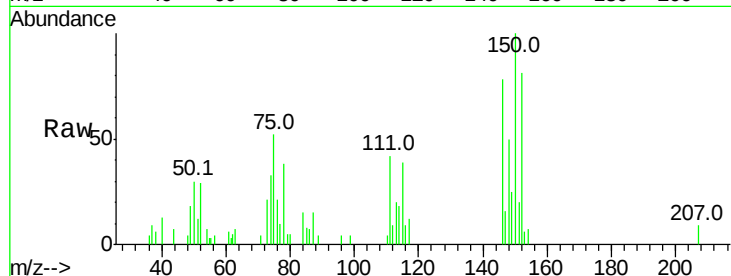
Tot Ion:146 Resp: 12557

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

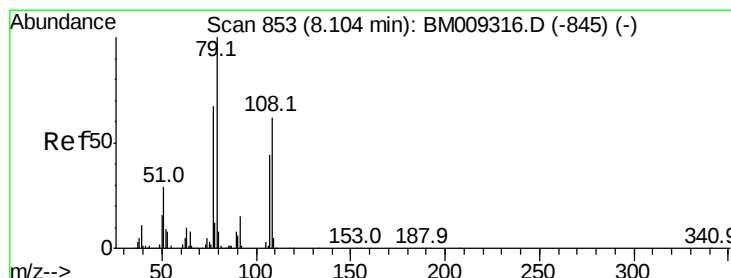
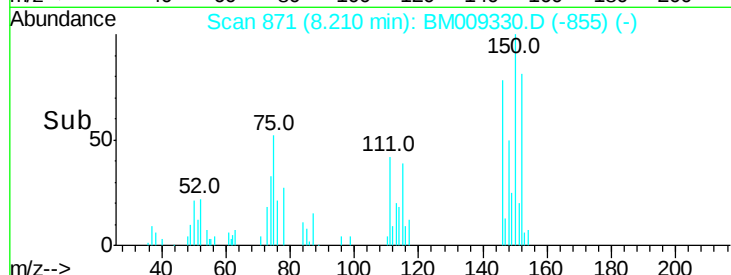
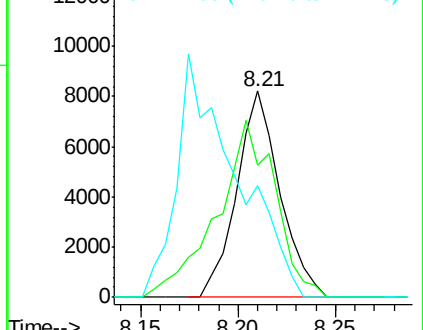
111 54.1 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.00 ng

RT: 8.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

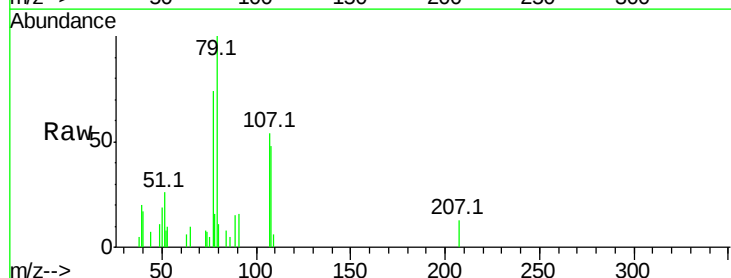
Tgt Ion: 79 Resp: 11910

Ion Ratio Lower Upper

79 100

108 47.8 65.0 97.4#

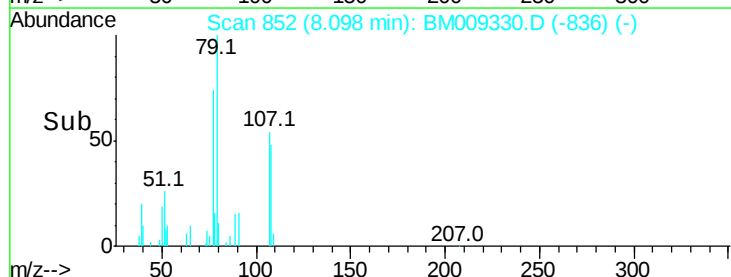
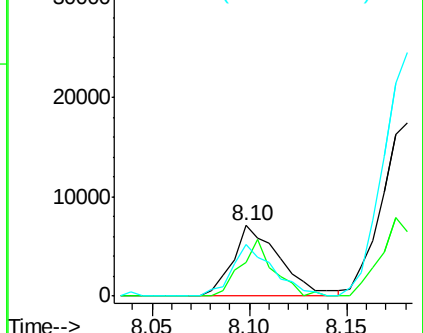
77 73.8 53.0 79.6

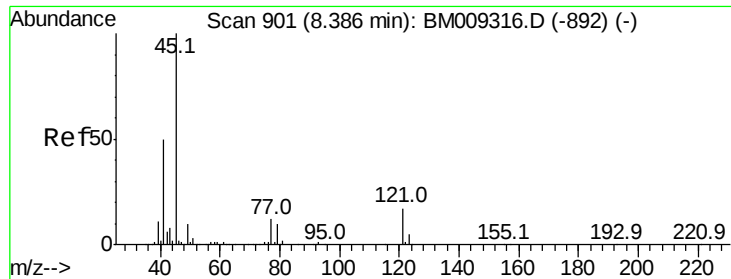


Abundance Ion 79.00 (78.70 to 79.70): BM

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

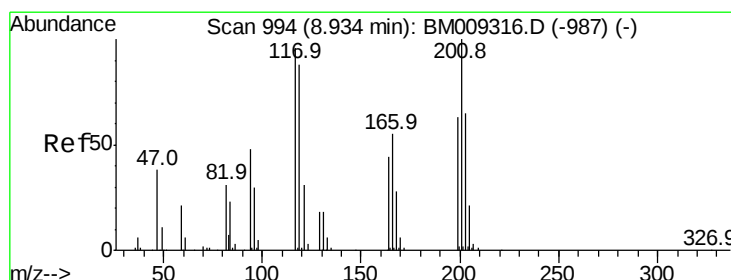
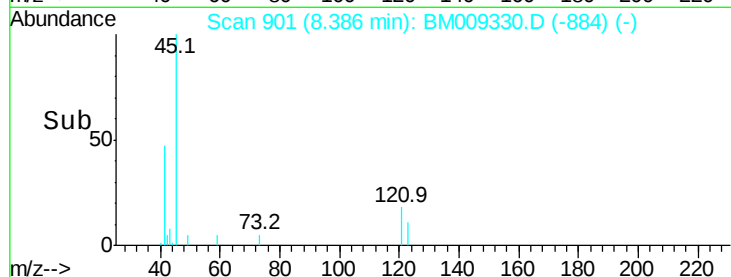
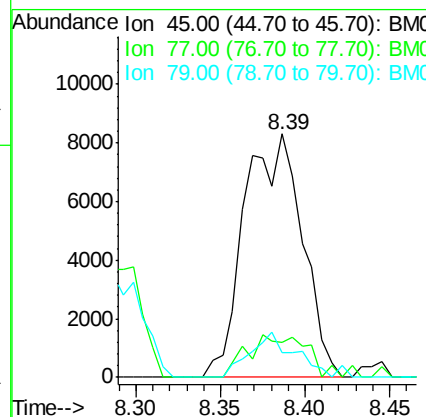
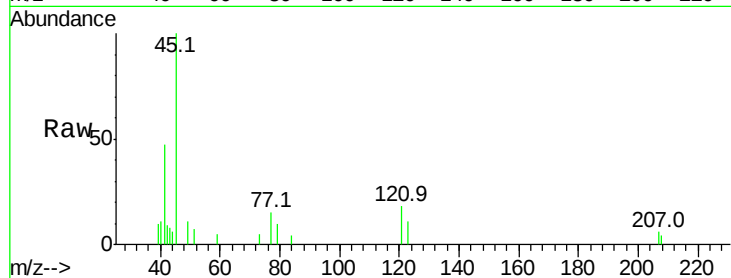




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.94 ng
RT: 8.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

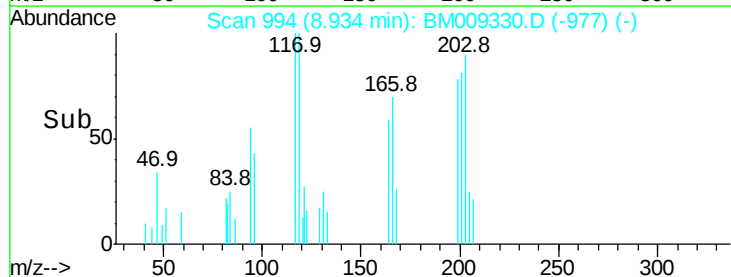
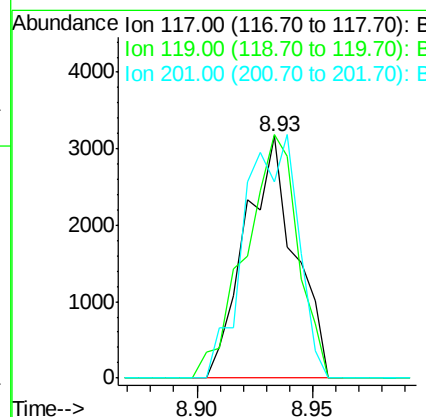
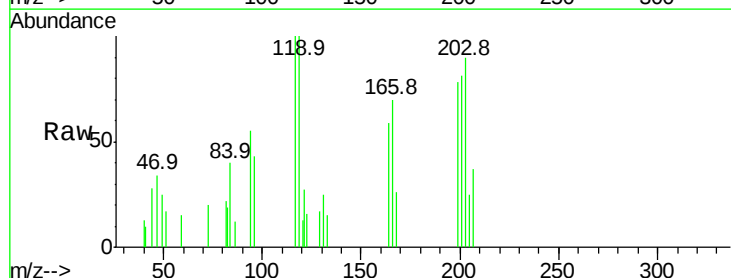
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

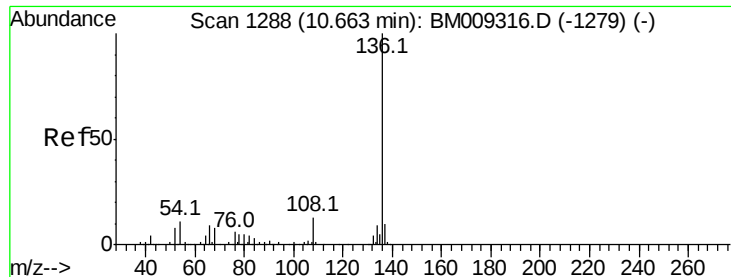
Tot Ion	45	Resp	19825
Ion Ratio	100		
Lower	0.0		
Upper	35.2		
77	14.5		
79	10.2		
Lower	0.0		
Upper	32.0		



#18
Hexachloroethane
Concen: 0.92 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion	117	Resp	4743
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	79.2		
Upper	118.8		
119	100.3		
201	81.1		
Lower	69.8		
Upper	104.6		

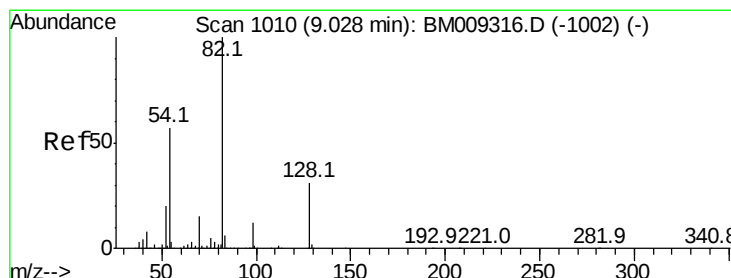
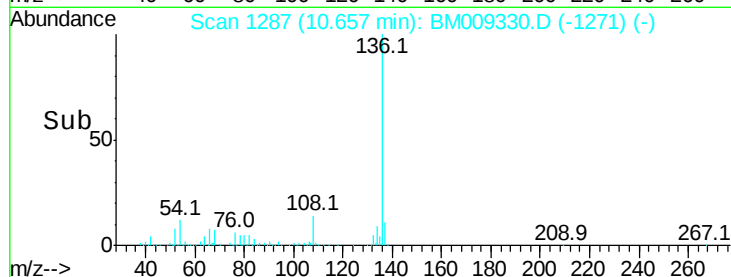
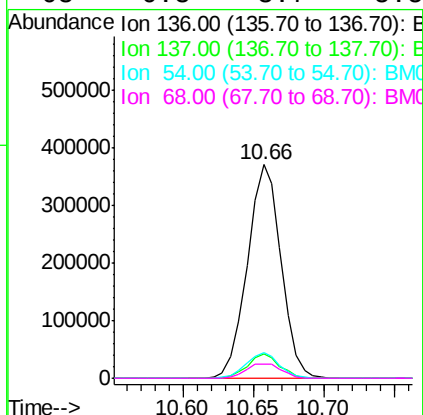
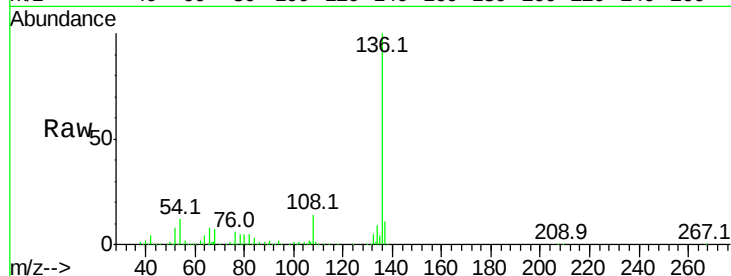




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

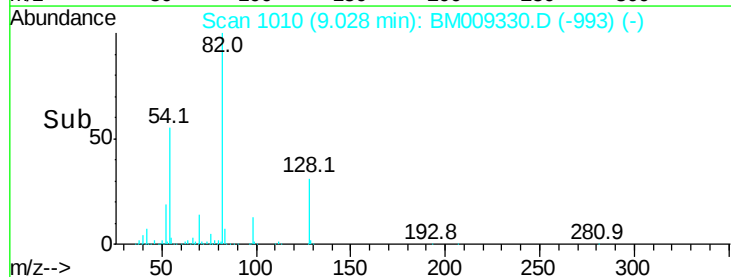
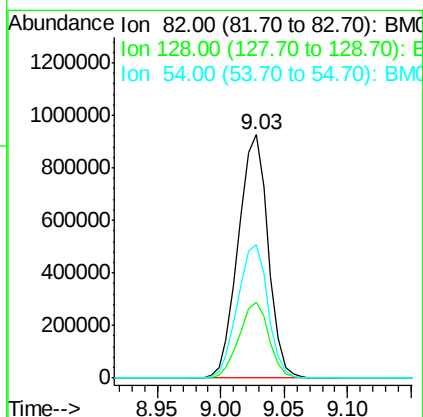
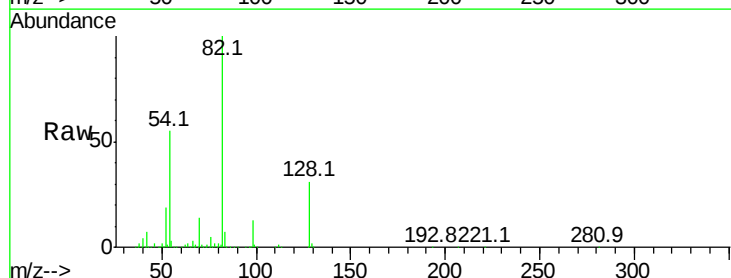
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

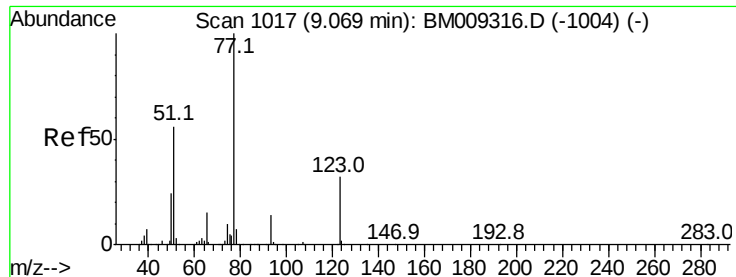
Tot Ion:	136	Resp:	618424
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.2	4.6	6.8#
68	6.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 91.82 ng
RT: 9.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:	82	Resp:	1514536
Ion	Ratio	Lower	Upper
82	100		
128	31.2	32.8	49.2#
54	54.7	40.6	60.8

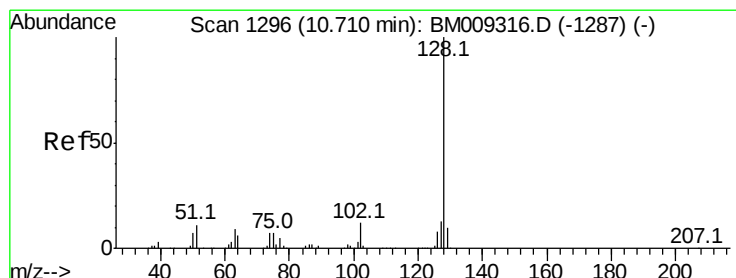
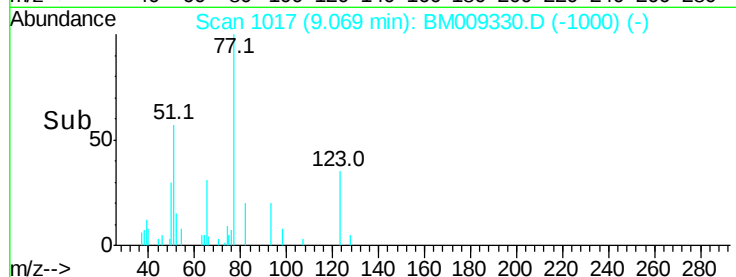
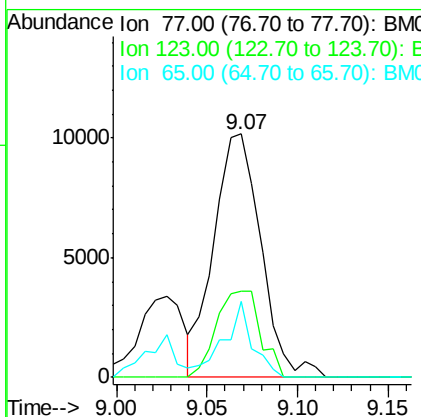
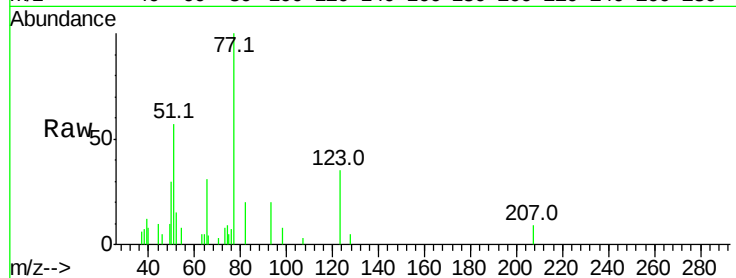




#24
Nitrobenzene
Concen: 1.14 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

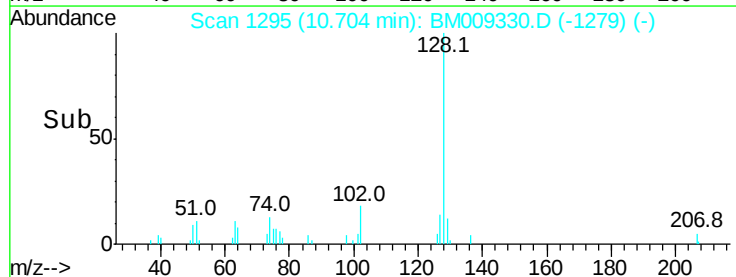
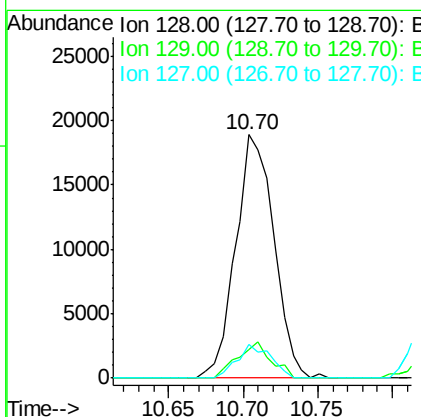
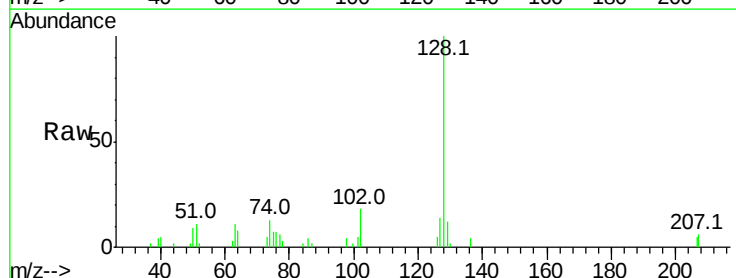
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

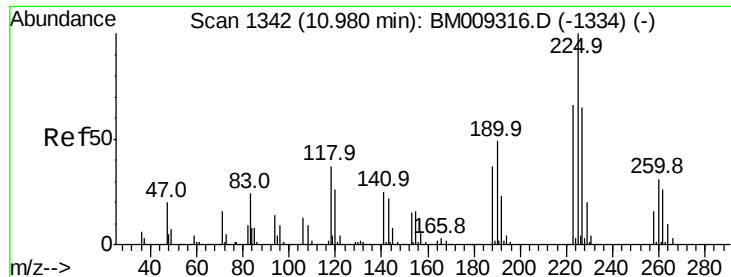
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.3	32.6	49.0
65	31.2	10.9	16.3#



#31
Naphthalene
Concen: 1.02 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.8	10.4	15.6





#34

Hexachlorobutadiene

Concen: 1.03 ng

RT: 10.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

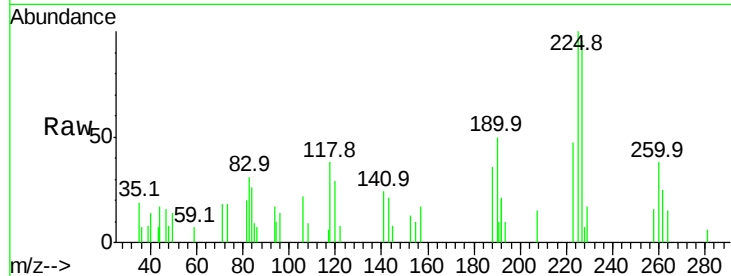
Tot Ion:225 Resp: 8157

Ion Ratio Lower Upper

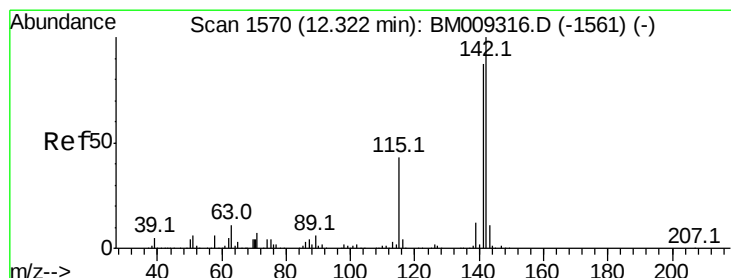
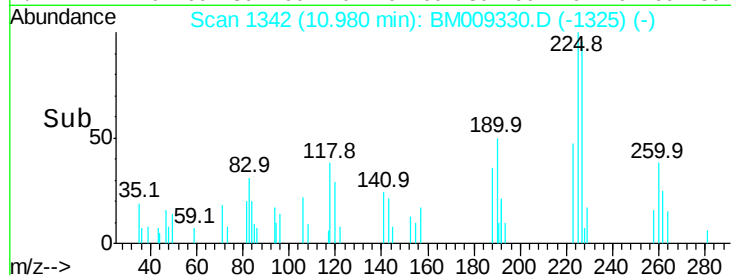
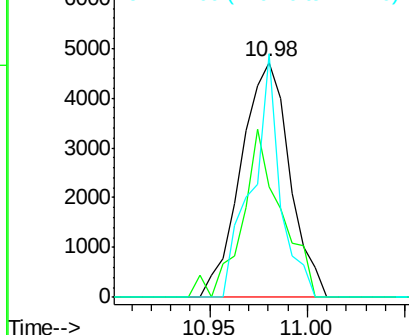
225 100

223 47.0 47.9 71.9#

227 103.6 50.1 75.1#



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



#37

2-Methylnaphthalene

Concen: 0.90 ng

RT: 12.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

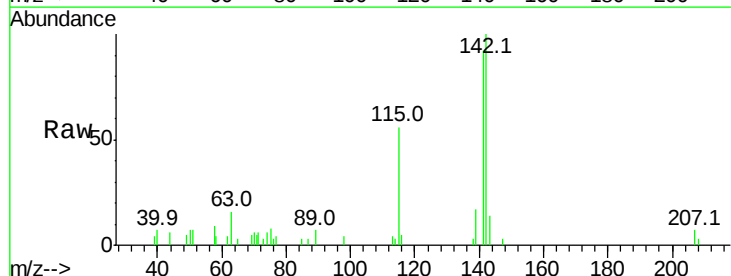
Tgt Ion:142 Resp: 20300

Ion Ratio Lower Upper

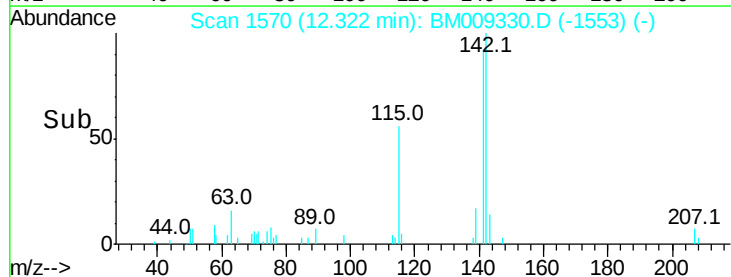
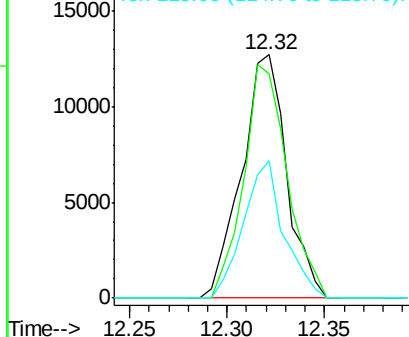
142 100

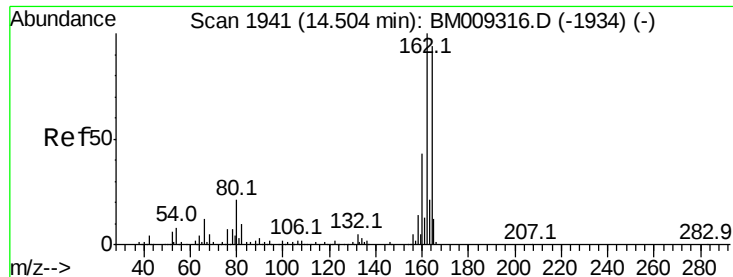
141 92.1 71.9 107.9

115 56.2 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

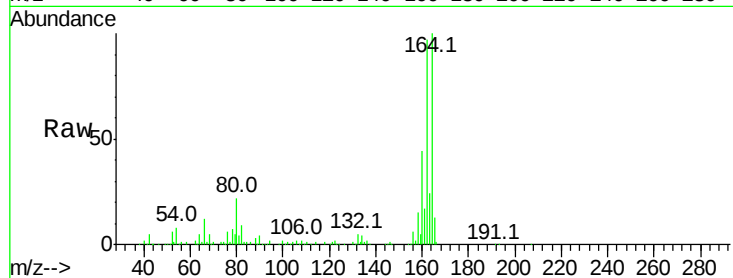
Tot Ion:164 Resp: 347977

Ion Ratio Lower Upper

164 100

162 97.4 82.4 123.6

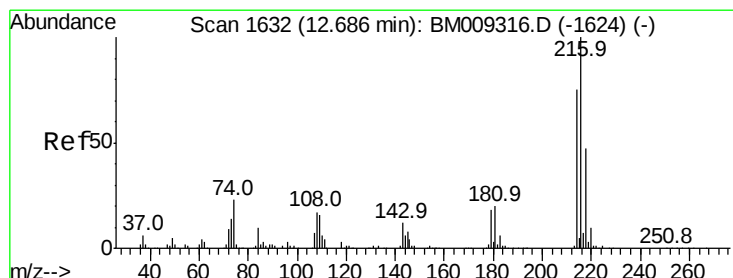
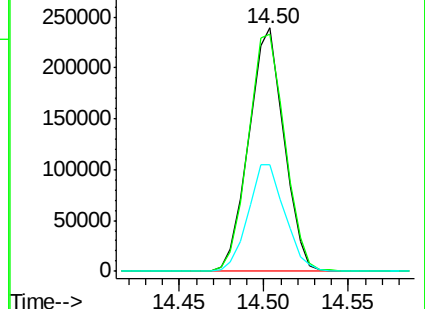
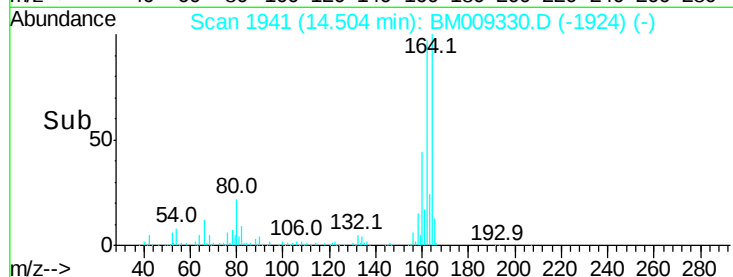
160 43.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.97 ng

RT: 12.69 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Tgt Ion:216 Resp: 12692

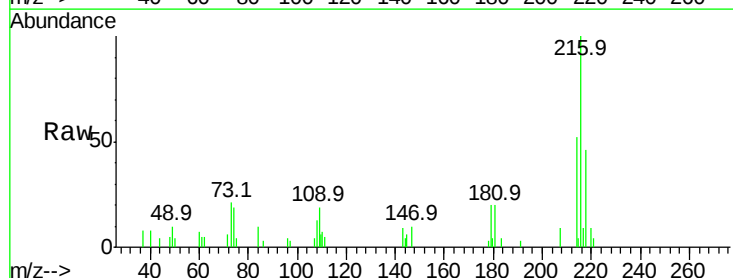
Ion Ratio Lower Upper

216 100

214 77.5 0.0 0.0#

179 21.2 0.0 0.0#

108 25.4 0.0 0.0#

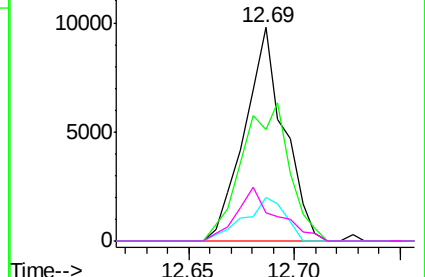
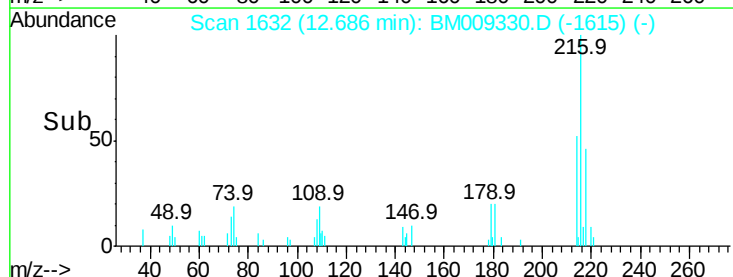


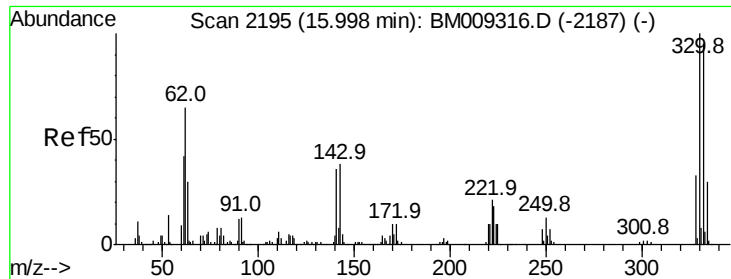
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

2,4,6-Tribromophenol

Concen: 147.64 ng

RT: 15.99 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

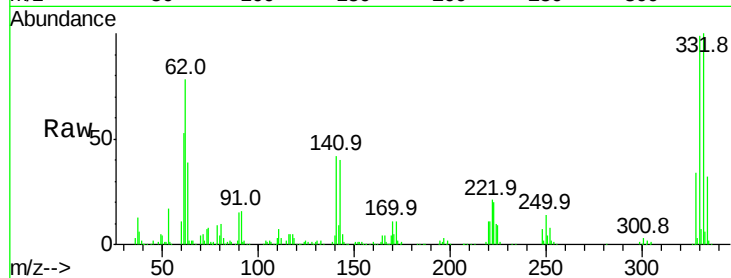
Tot Ion:330 Resp: 638233

Ion Ratio Lower Upper

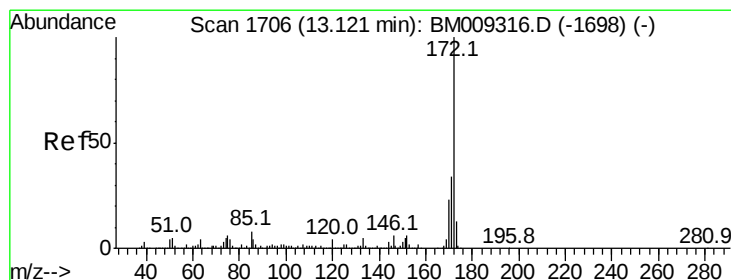
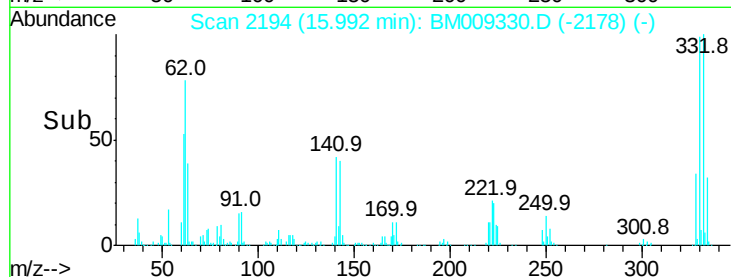
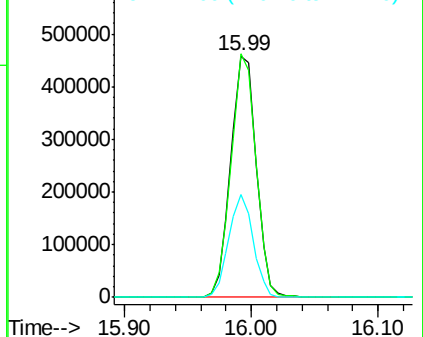
330 100

332 98.3 0.0 0.0#

141 41.1 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 94.70 ng

RT: 13.12 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

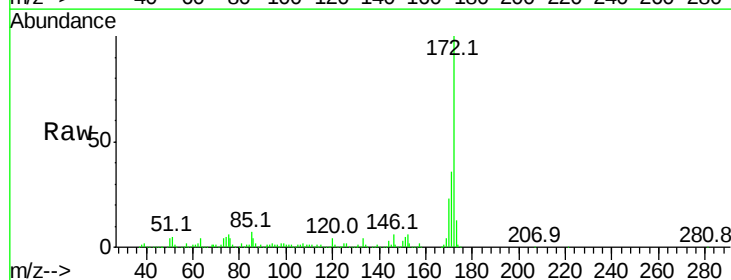
Tgt Ion:172 Resp: 2734763

Ion Ratio Lower Upper

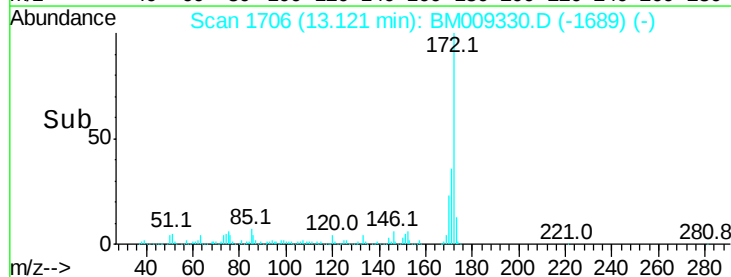
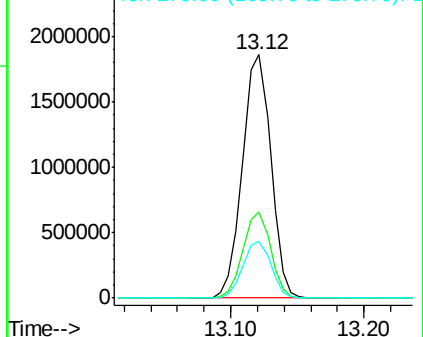
172 100

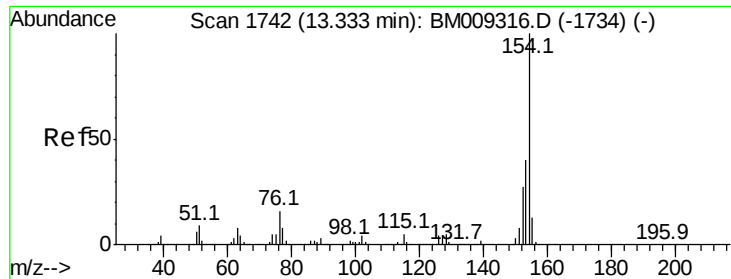
171 35.6 28.5 42.7

170 23.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

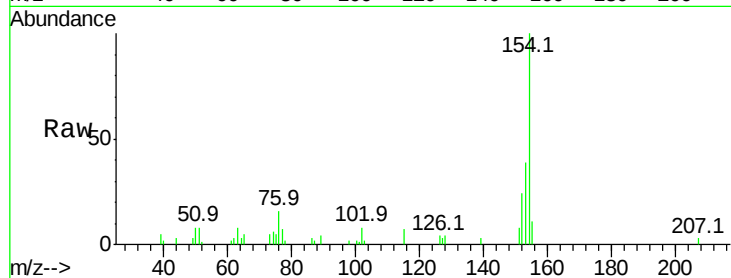




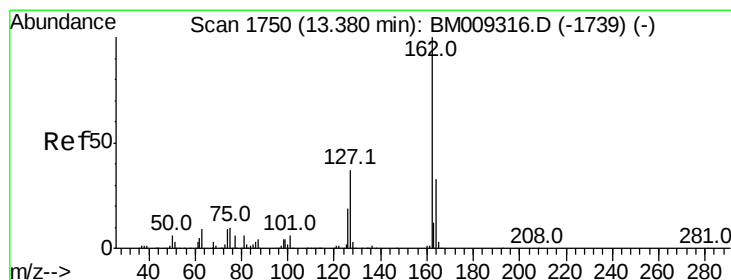
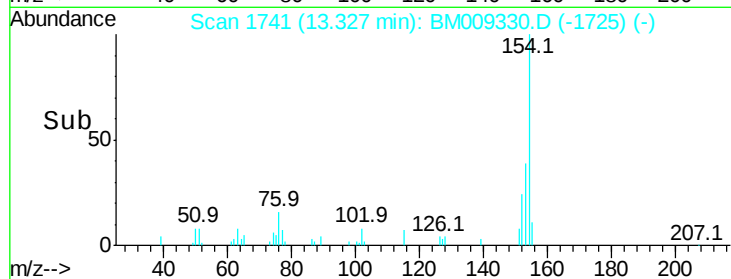
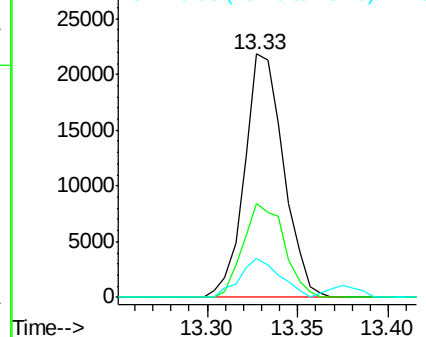
#45
 1,1'-Biphenyl
 Concen: 1.13 ng
 RT: 13.33 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.7	60.7
76	15.7	0.0	30.9

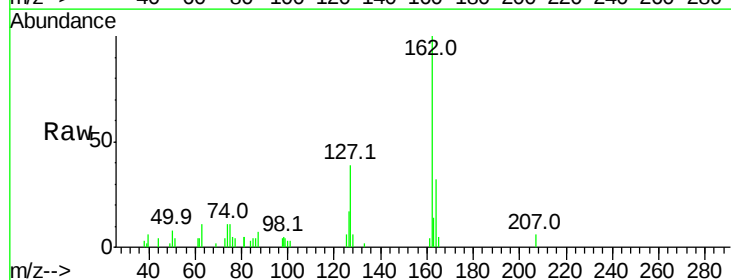


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

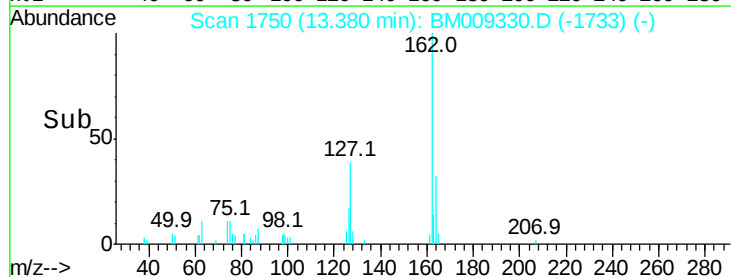
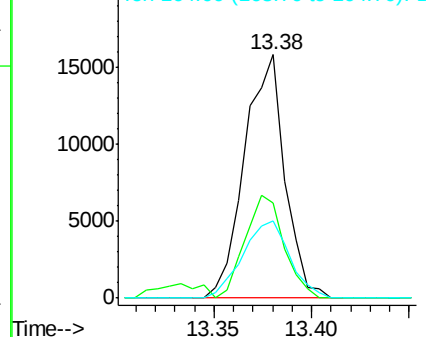


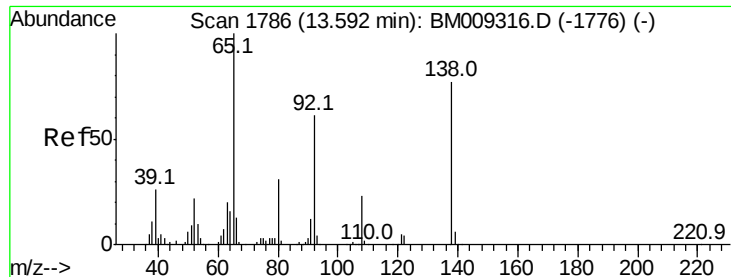
#46
 2-Chloronaphthalene
 Concen: 1.00 ng
 RT: 13.38 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	26.9	40.3
164	31.9	26.8	40.2



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





#47

2-Nitroaniline

Concen: 0.80 ng

RT: 13.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

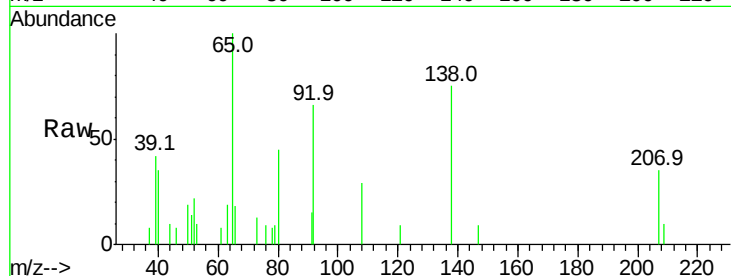
Tot Ion: 65 Resp: 6606

Ion Ratio Lower Upper

65 100

92 66.1 59.1 88.7

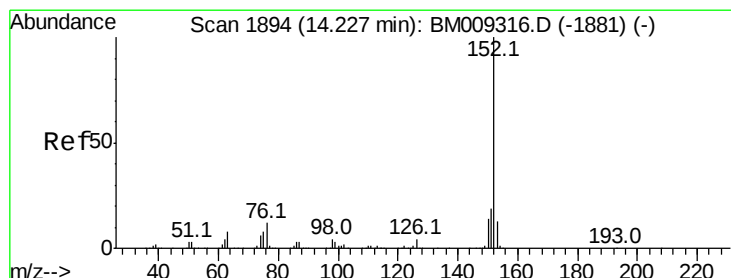
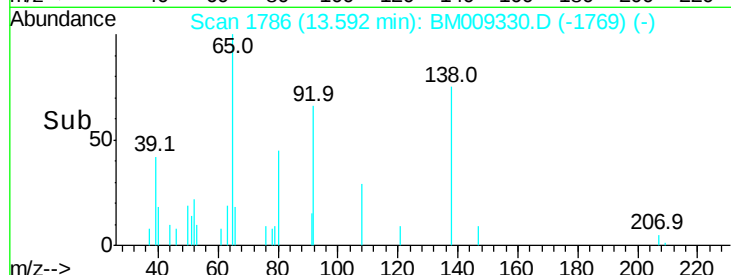
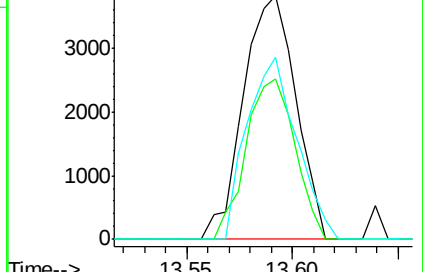
138 74.7 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009330.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): BM009330.D (-1769) (-)

Ion 138.00 (137.70 to 138.70): BM009330.D (-1769) (-)



#48

Acenaphthylene

Concen: 0.84 ng

RT: 14.23 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

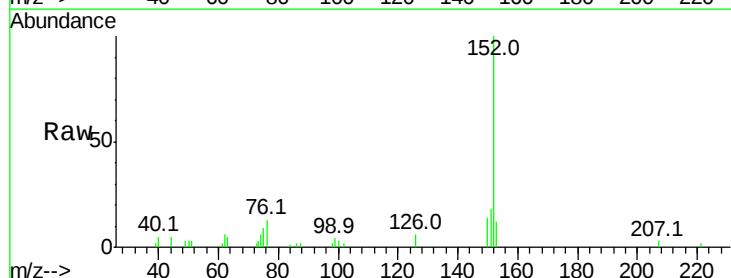
Tgt Ion: 152 Resp: 30726

Ion Ratio Lower Upper

152 100

151 18.3 15.9 23.9

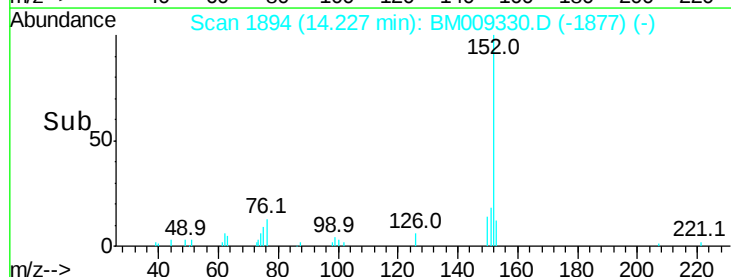
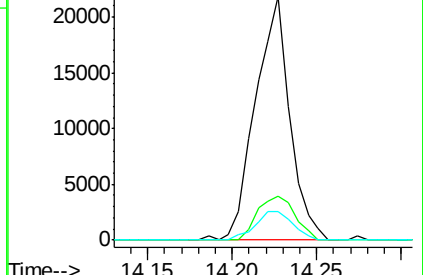
153 11.7 10.6 16.0

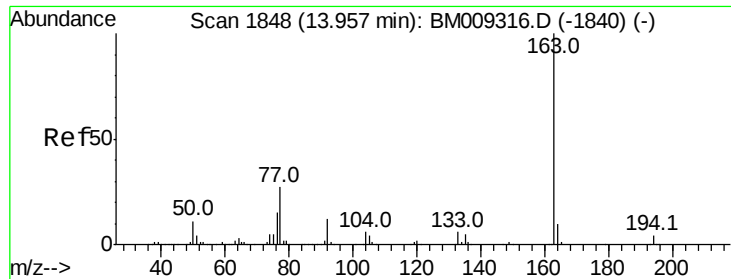


Abundance Ion 152.00 (151.70 to 152.70): BM009330.D (-1877) (-)

Ion 151.00 (150.70 to 151.70): BM009330.D (-1877) (-)

Ion 153.00 (152.70 to 153.70): BM009330.D (-1877) (-)

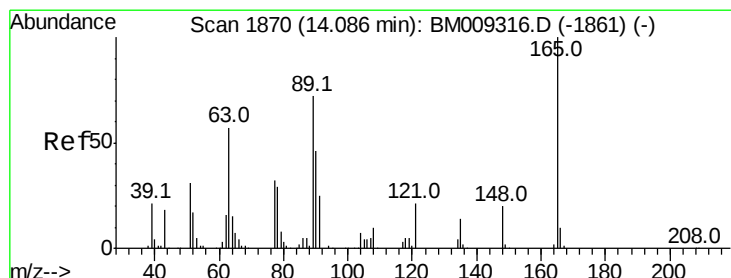
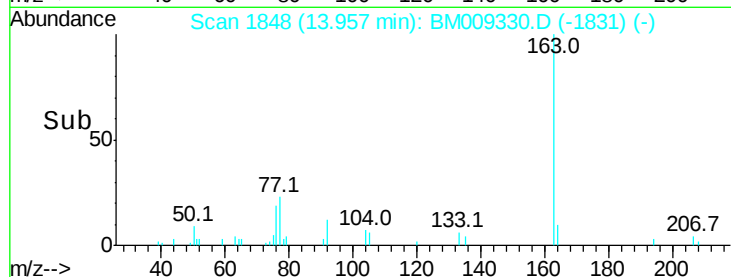
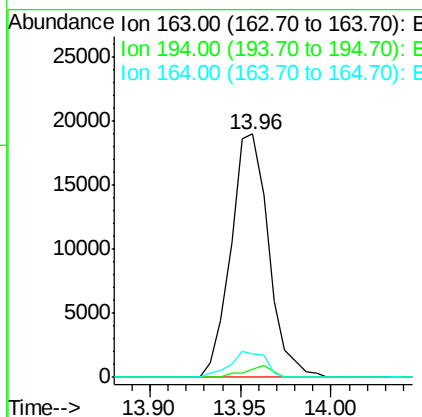
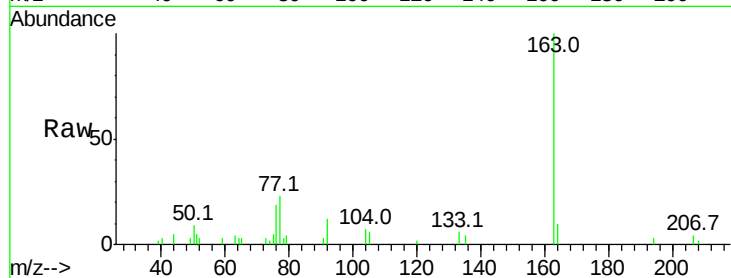




#49
Dimethylphthalate
Concen: 1.03 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

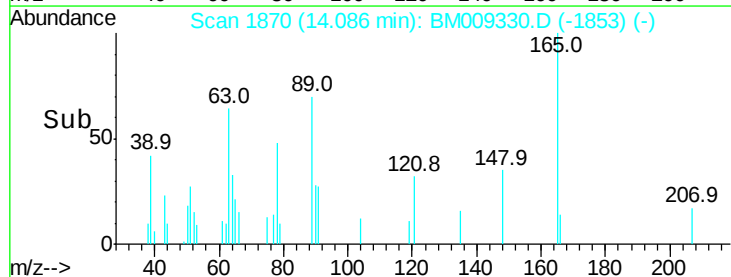
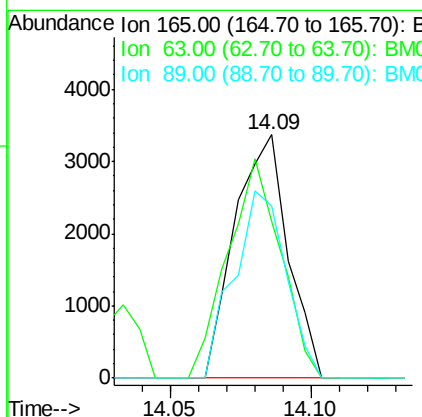
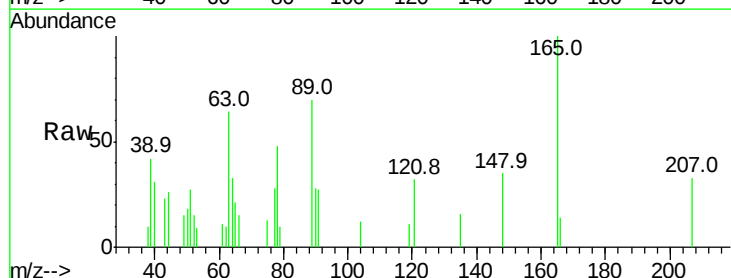
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

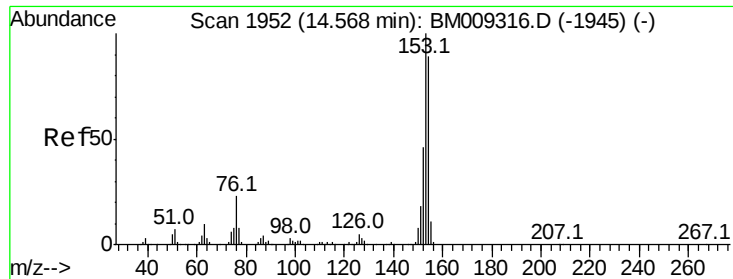
Tot Ion:163 Resp: 27443
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 0.77 ng
RT: 14.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:165 Resp: 4405
Ion Ratio Lower Upper
165 100
63 64.2 44.1 66.1
89 70.4 44.3 66.5#





#51

Acenaphthene

Concen: 1.02 ng

RT: 14.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

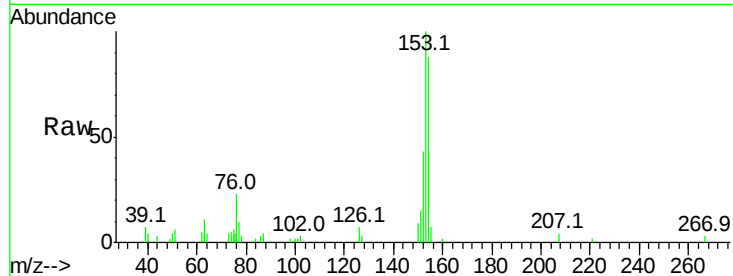
Tot Ion:154 Resp: 22572

Ion Ratio Lower Upper

154 100

153 113.4 90.0 135.0

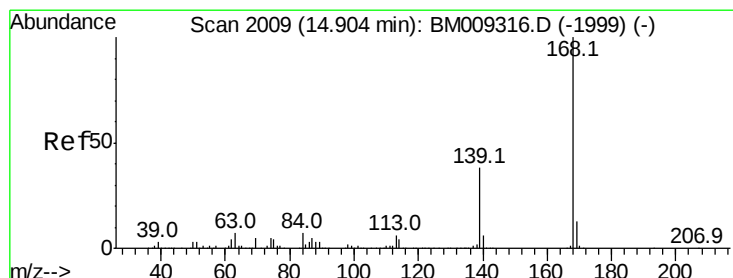
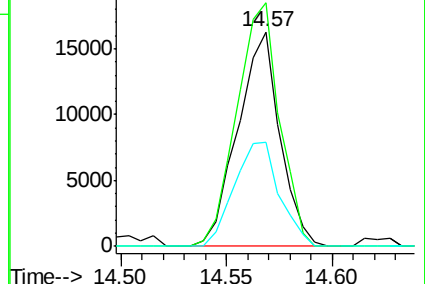
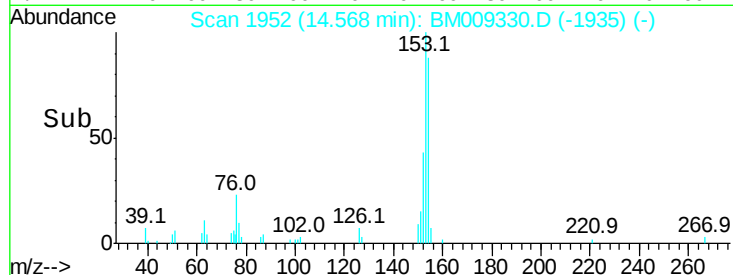
152 48.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 1.06 ng

RT: 14.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

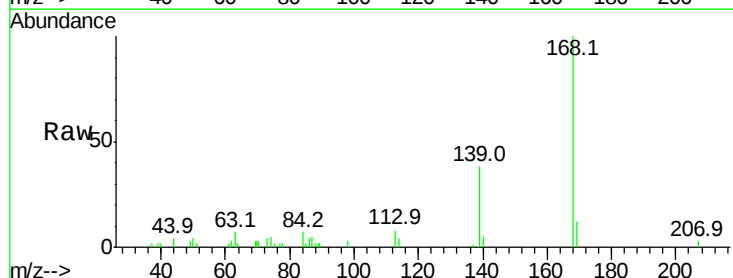
Tgt Ion:168 Resp: 34528

Ion Ratio Lower Upper

168 100

139 37.7 27.3 40.9

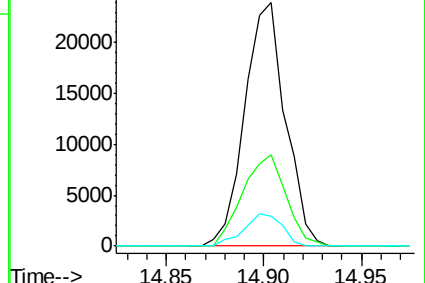
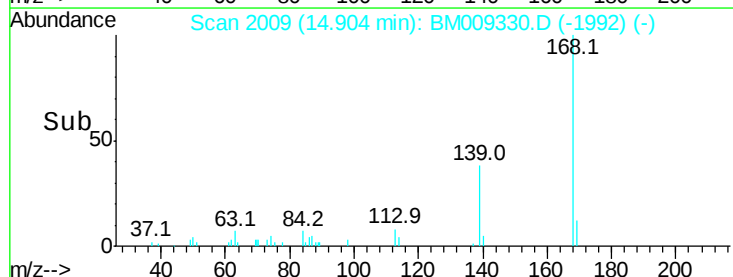
169 12.4 10.6 16.0

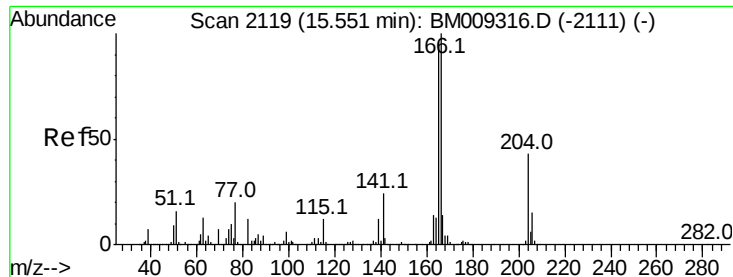


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

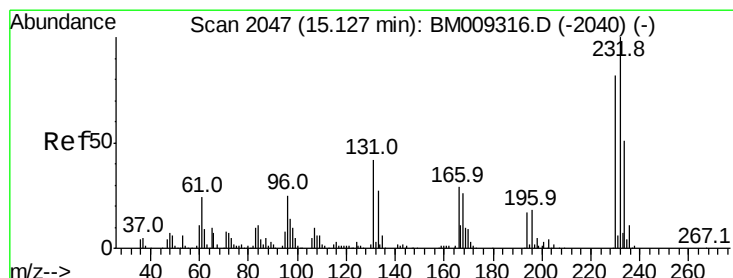
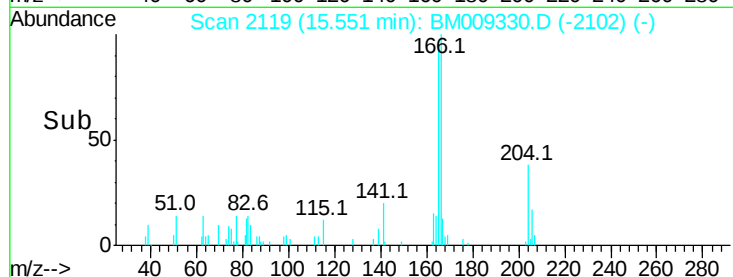
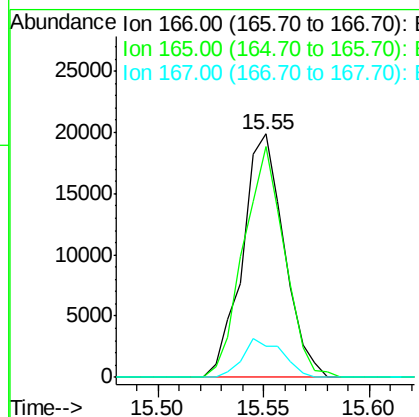
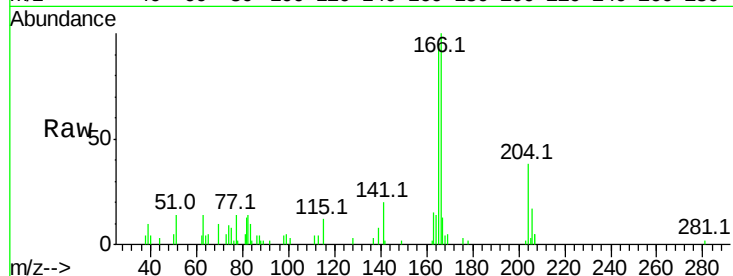




#57
 Fluorene
 Concen: 0.93 ng
 RT: 15.55 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

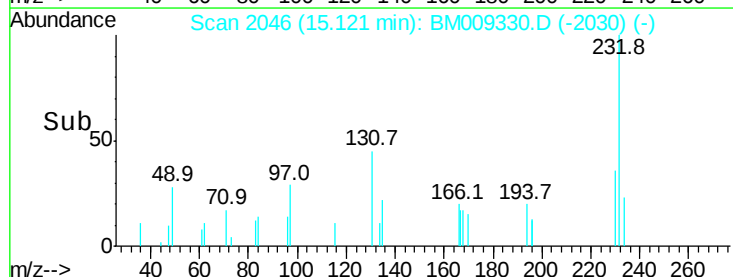
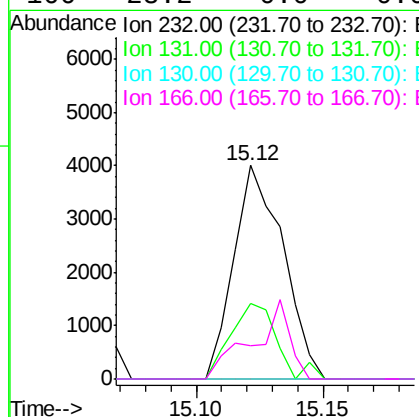
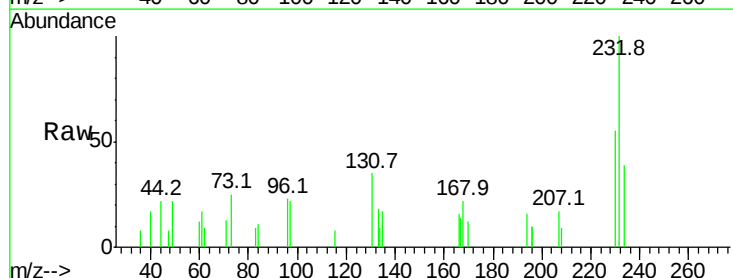
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

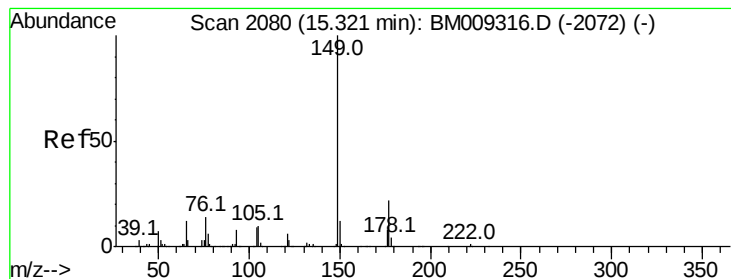
Tot Ion:166 Resp: 27250
 Ion Ratio Lower Upper
 166 100
 165 94.9 79.0 118.4
 167 12.9 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.76 ng
 RT: 15.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

Tgt Ion:232 Resp: 5412
 Ion Ratio Lower Upper
 232 100
 131 33.5 0.0 0.0#
 130 0.0 0.0 0.0
 166 28.2 0.0 0.0#





#59

Diethylphthalate

Concen: 0.92 ng

RT: 15.32 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

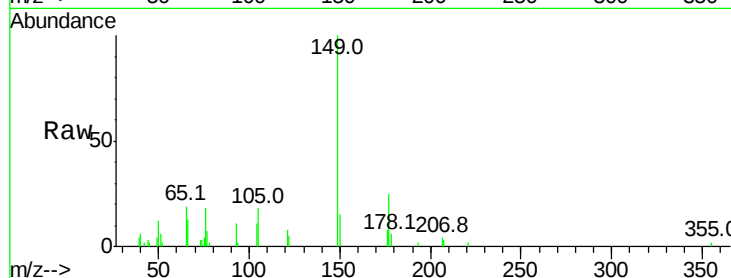
Tot Ion:149 Resp: 24998

Ion Ratio Lower Upper

149 100

177 25.2 18.3 27.5

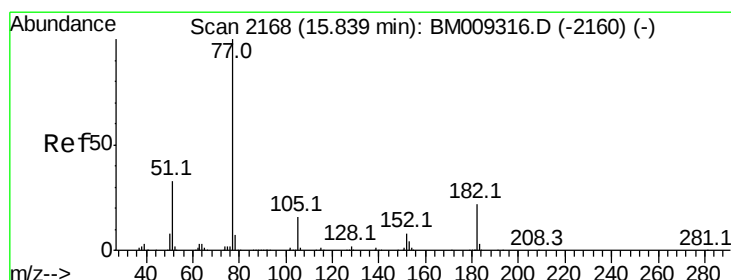
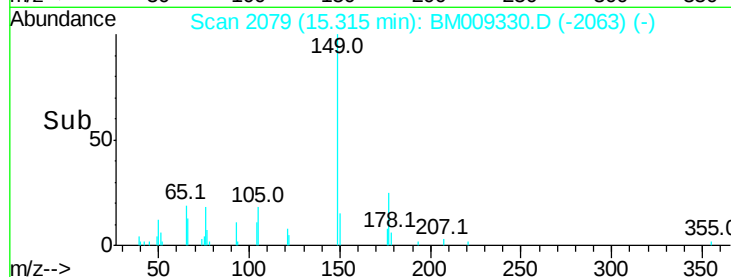
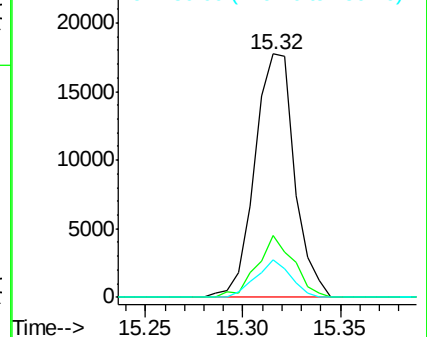
150 15.2 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.72 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Tgt Ion: 77 Resp: 22658

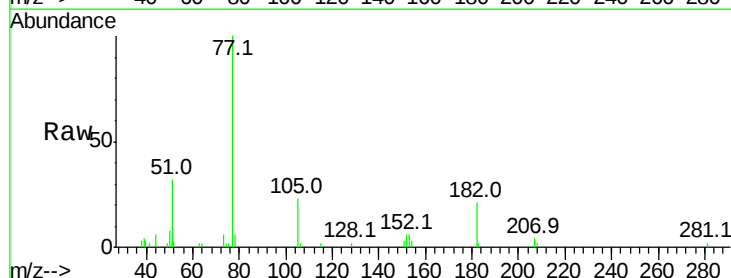
Ion Ratio Lower Upper

77 100

182 21.3 6.5 46.5

105 23.5 3.8 43.8

51 31.7 5.5 45.5

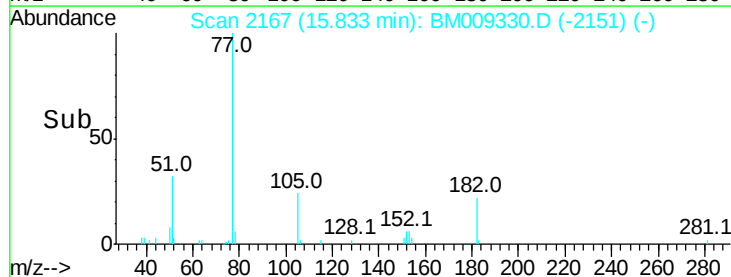
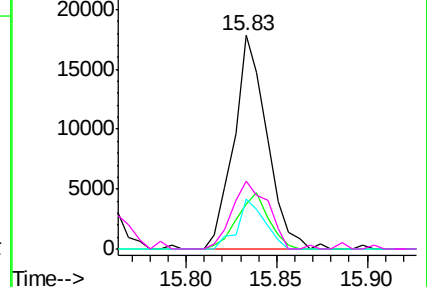


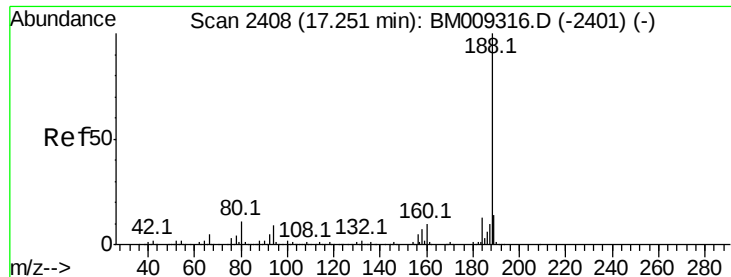
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

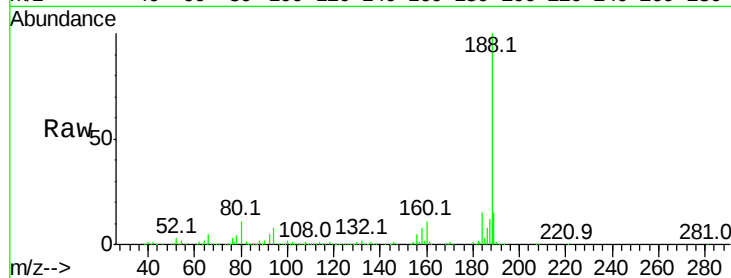
Tot Ion:188 Resp: 798680

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

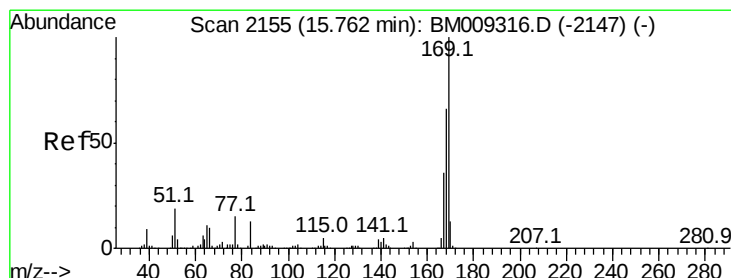
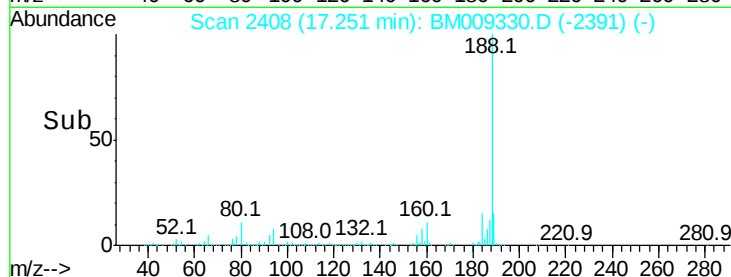
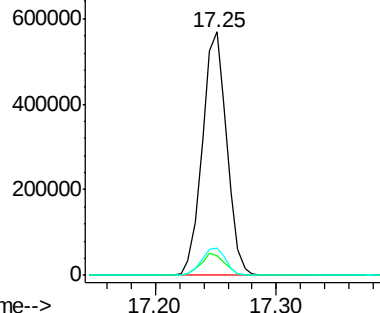
80 11.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

n-Nitrosodiphenylamine

Concen: 0.83 ng

RT: 15.76 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

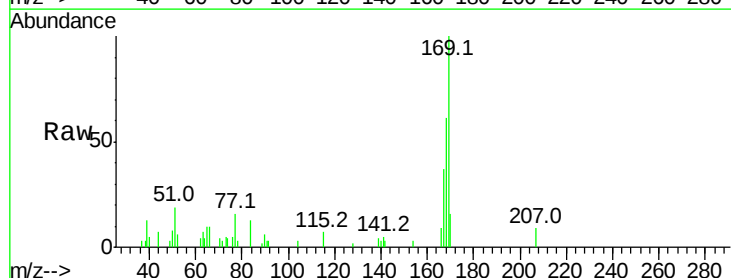
Tgt Ion:169 Resp: 20103

Ion Ratio Lower Upper

169 100

168 61.4 53.9 80.9

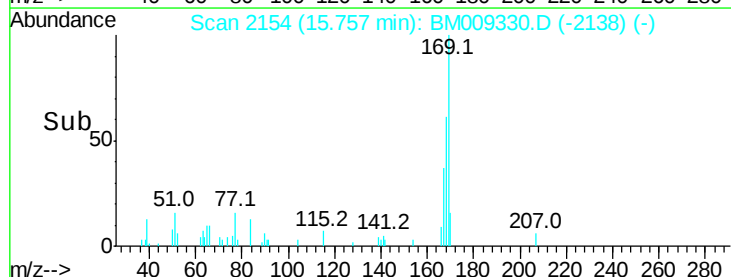
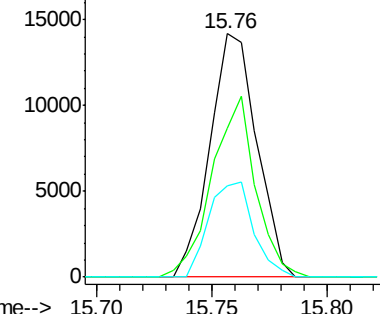
167 37.5 28.9 43.3

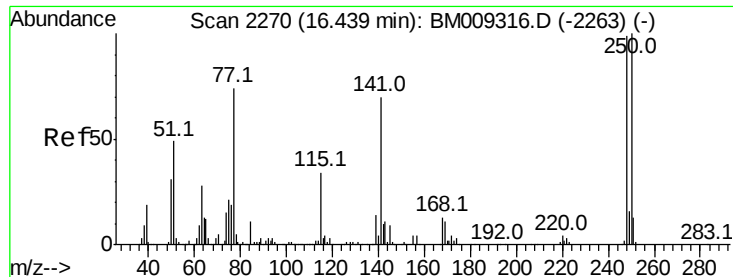


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

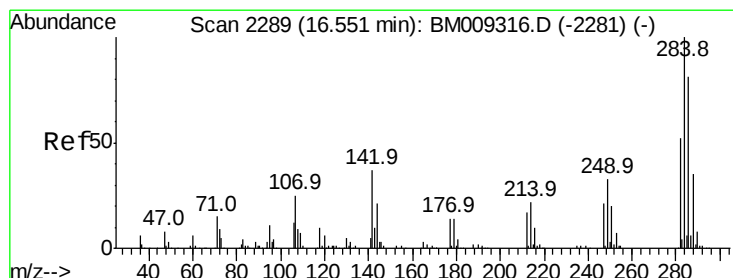
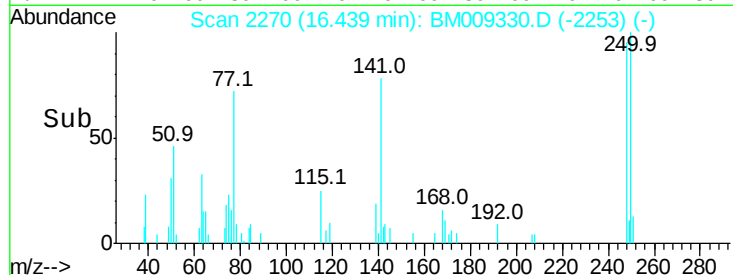
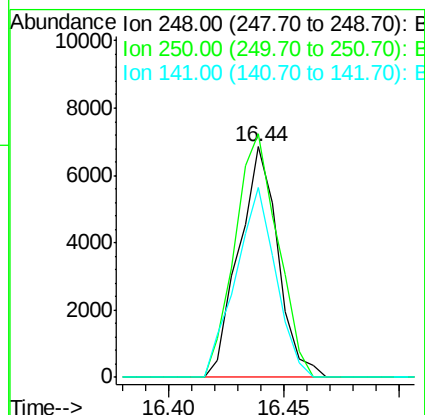
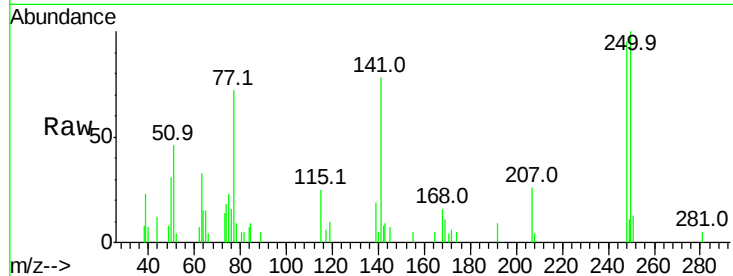




#66
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

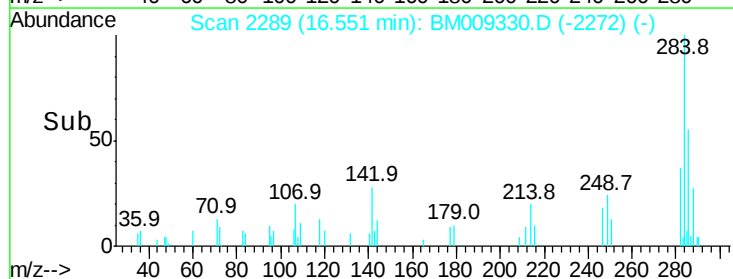
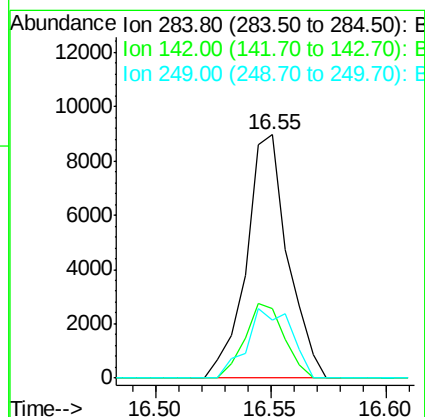
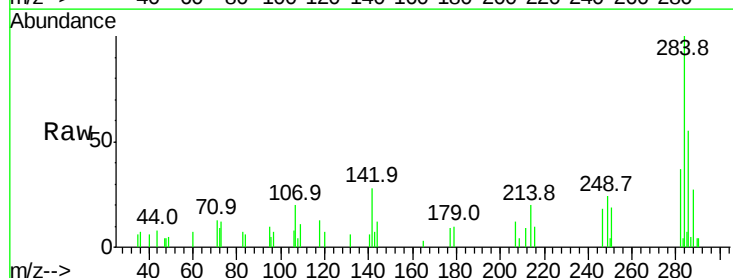
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

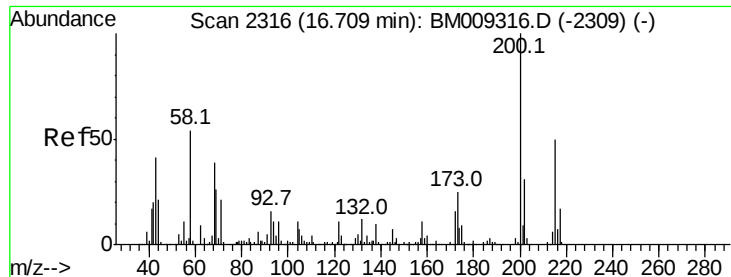
Tot Ion:248 Resp: 8103
Ion Ratio Lower Upper
248 100
250 105.7 77.4 116.0
141 82.3 45.2 67.8#



#67
Hexachlorobenzene
Concen: 1.11 ng
RT: 16.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:284 Resp: 11261
Ion Ratio Lower Upper
284 100
142 35.6 20.4 30.6#
249 23.8 23.8 35.6

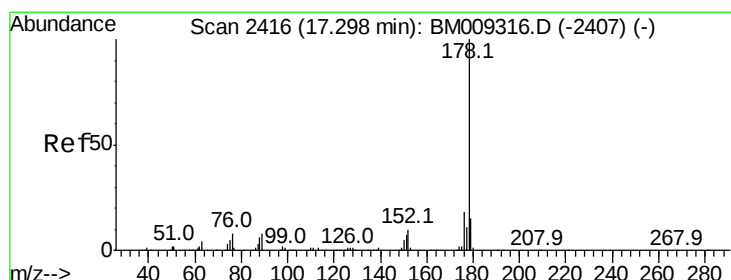
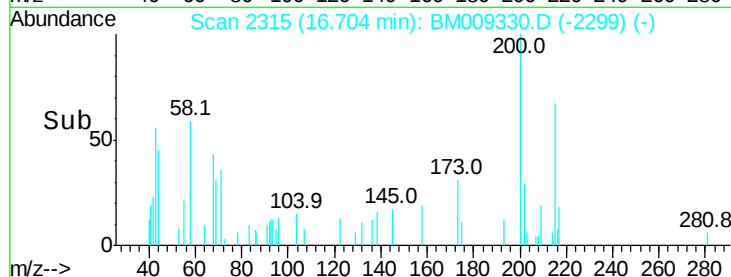
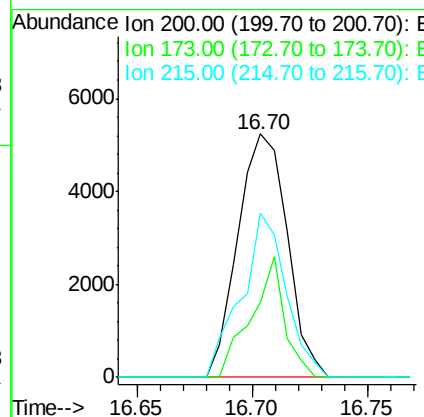
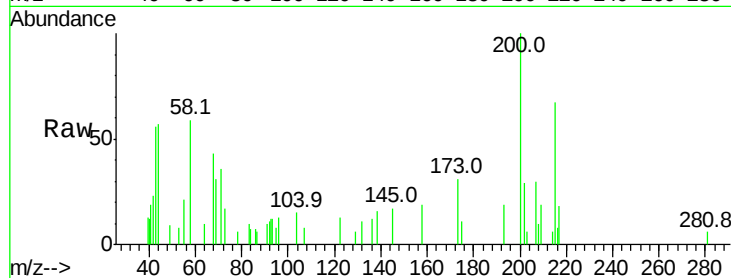




#68
Atrazine
Concen: 0.85 ng
RT: 16.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

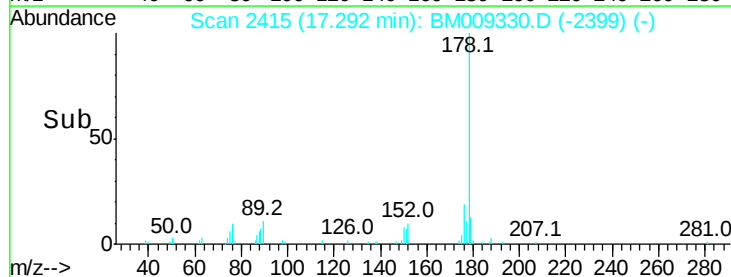
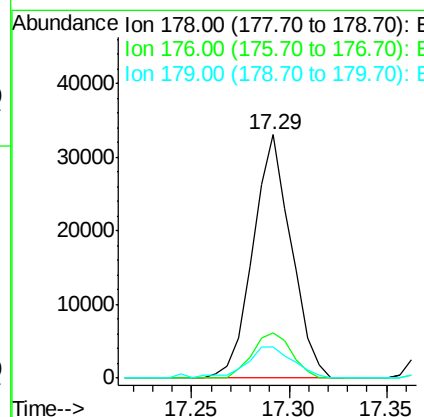
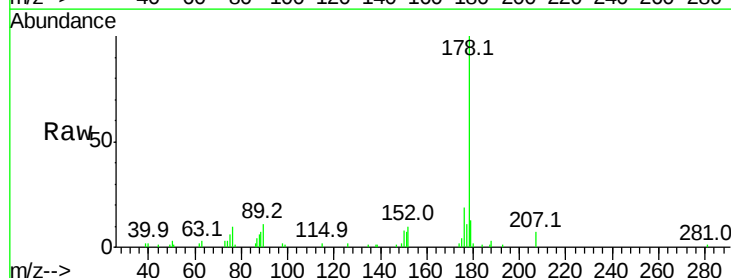
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

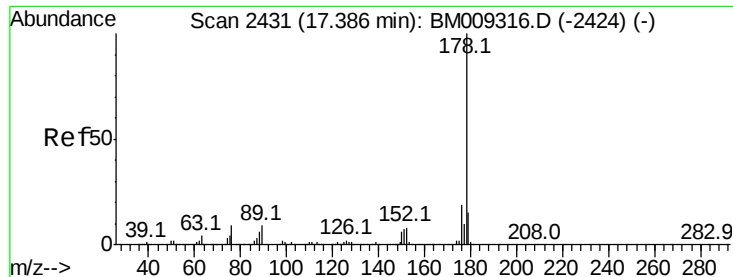
Tot Ion:200 Resp: 7795
Ion Ratio Lower Upper
200 100
173 30.9 4.8 44.8
215 67.3 26.9 66.9#



#70
Phenanthrene
Concen: 0.98 ng
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:178 Resp: 44843
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 12.7 12.1 18.1

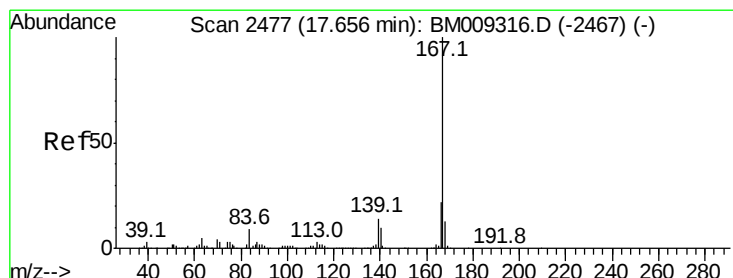
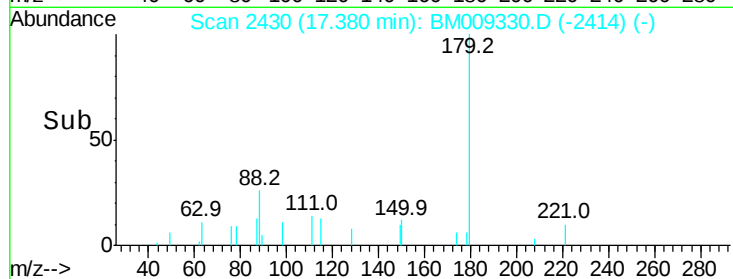
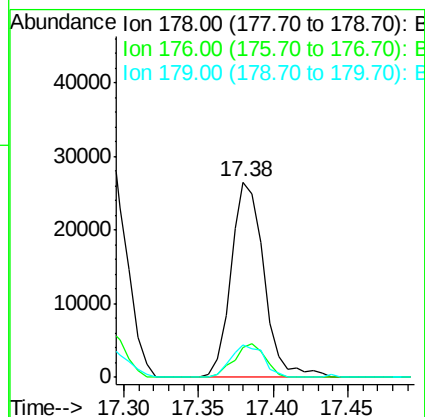
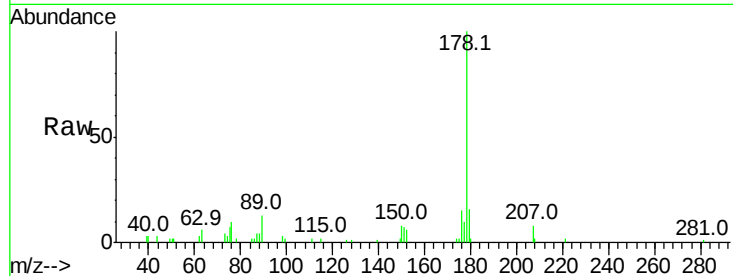




#71
 Anthracene
 Concen: 0.89 ng
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

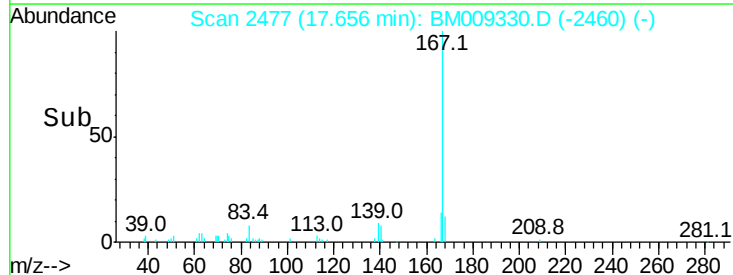
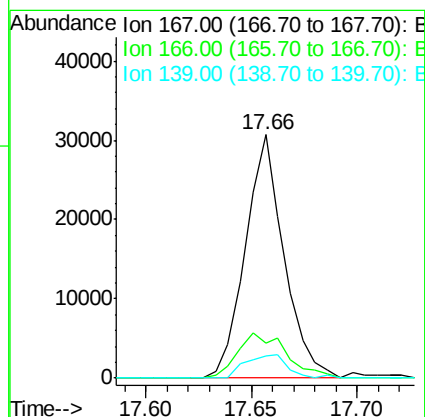
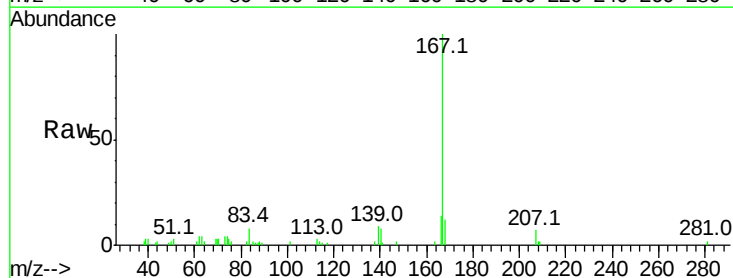
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

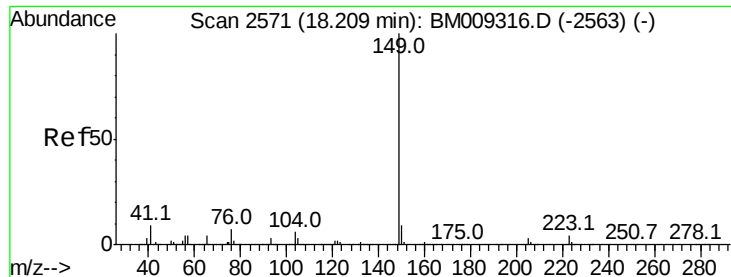
Tot Ion:178 Resp: 40963
 Ion Ratio Lower Upper
 178 100
 176 15.3 14.6 22.0
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 0.88 ng
 RT: 17.66 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

Tgt Ion:167 Resp: 38956
 Ion Ratio Lower Upper
 167 100
 166 14.5 17.2 25.8#
 139 9.2 10.8 16.2#

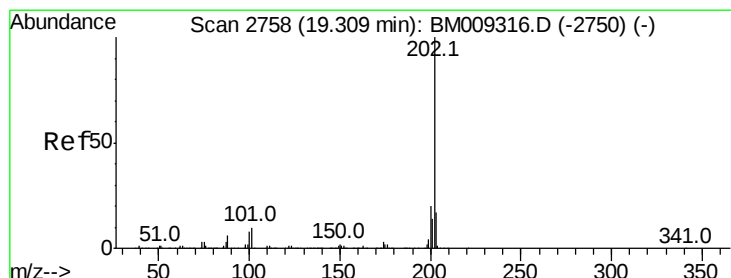
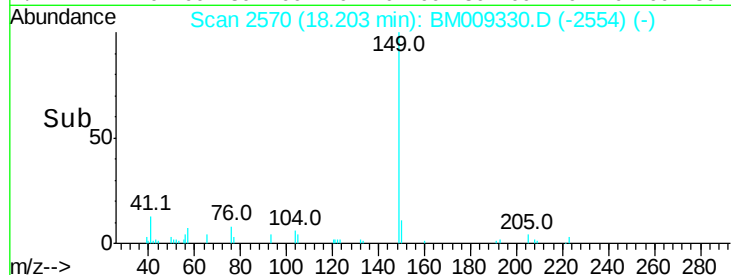
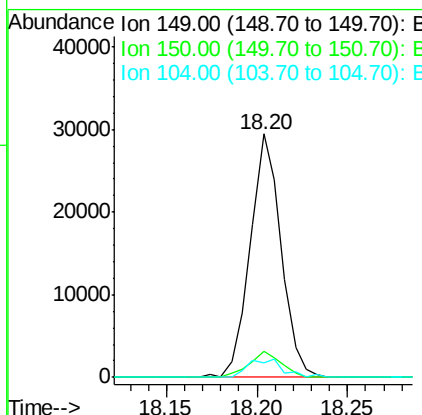
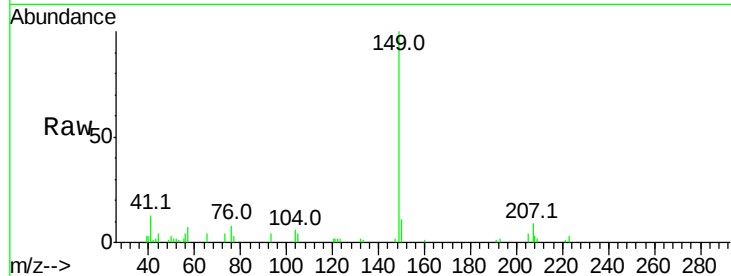




#73
Di-n-butylphthalate
Concen: 0.77 ng
RT: 18.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

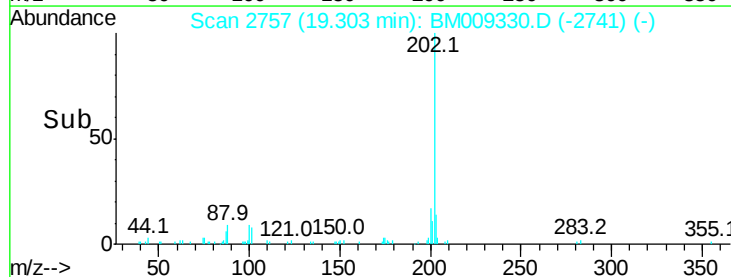
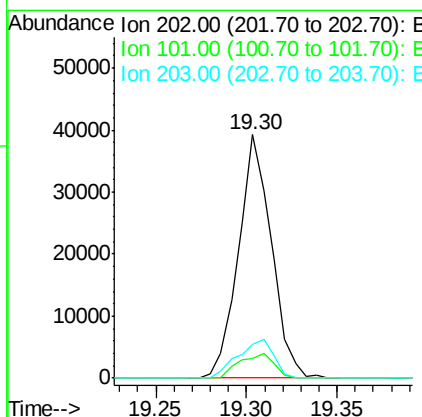
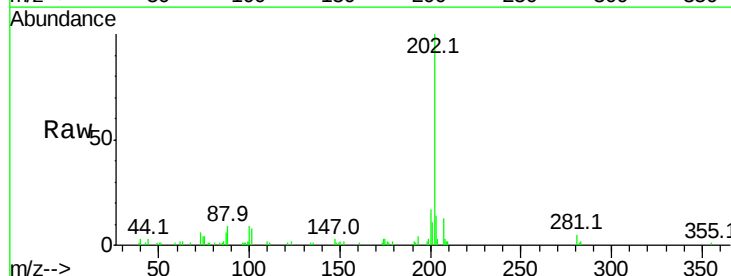
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

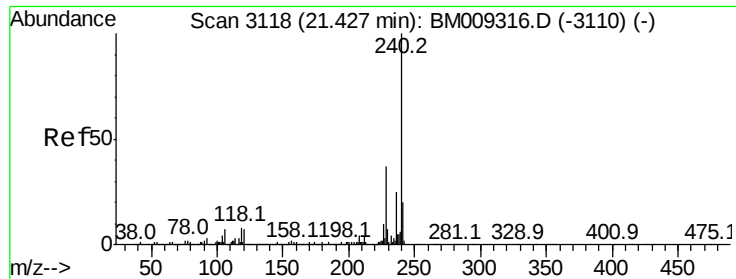
Tot Ion:149 Resp: 34888
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 6.0 3.7 5.5#



#74
Fluoranthene
Concen: 0.92 ng
RT: 19.30 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:202 Resp: 49678
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 13.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

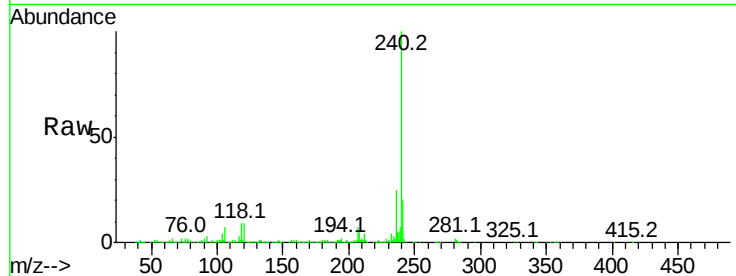
Tot Ion:240 Resp: 1041668

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

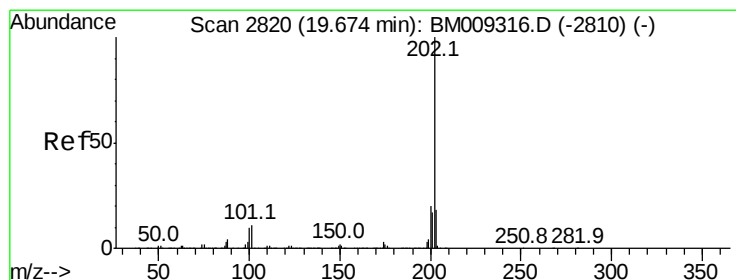
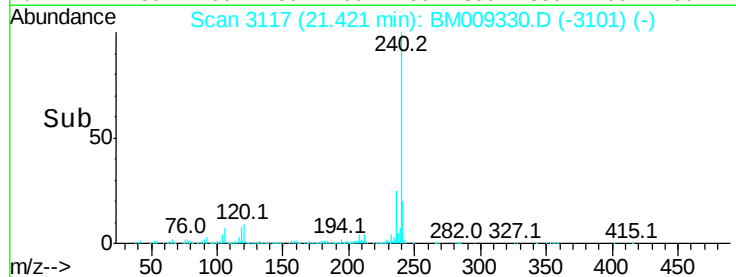
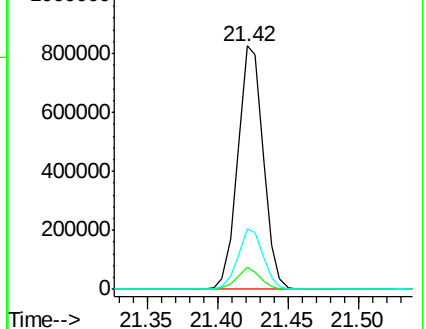
236 24.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.90 ng

RT: 19.67 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

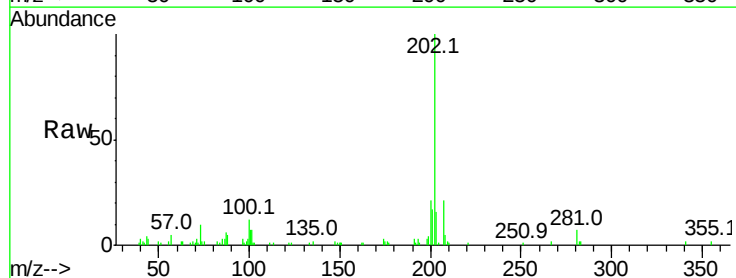
Tgt Ion:202 Resp: 53053

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

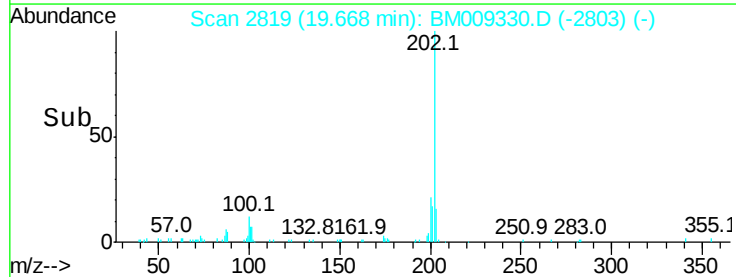
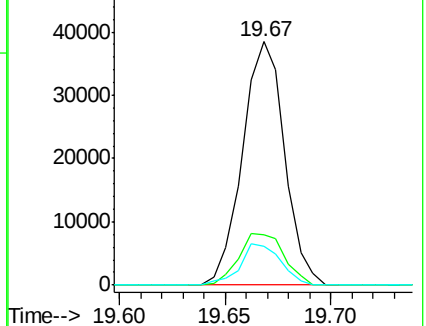
203 16.2 14.1 21.1

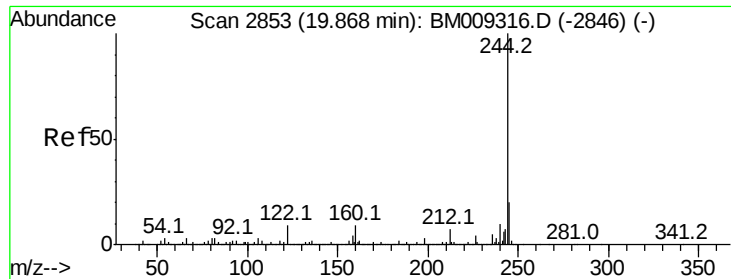


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.05 ng

RT: 19.87 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

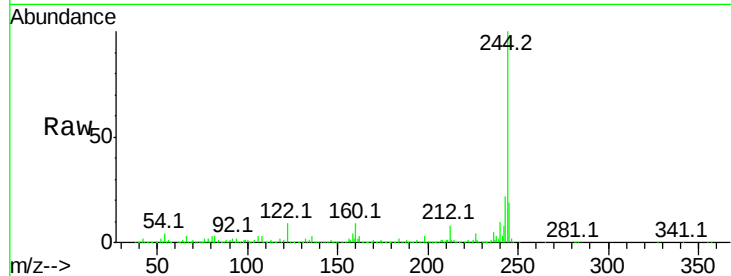
Tot Ion:244 Resp: 4140244

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

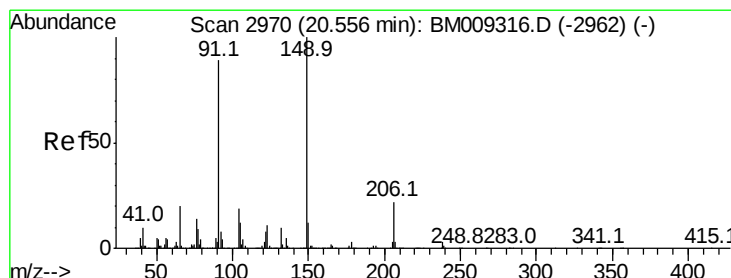
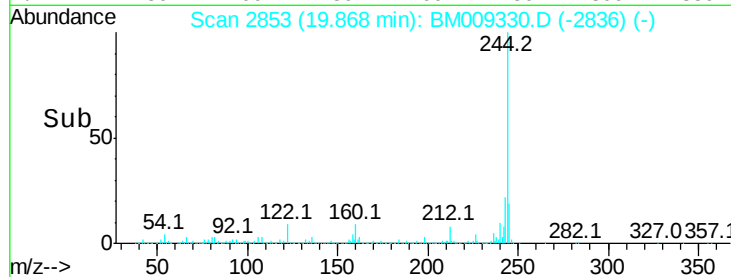
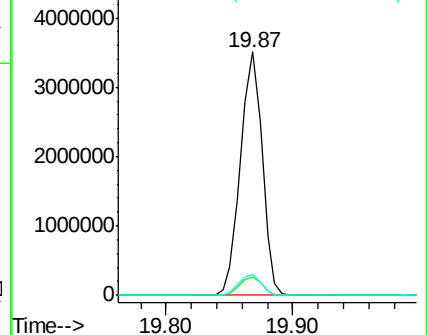
122 8.8 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.76 ng

RT: 20.56 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

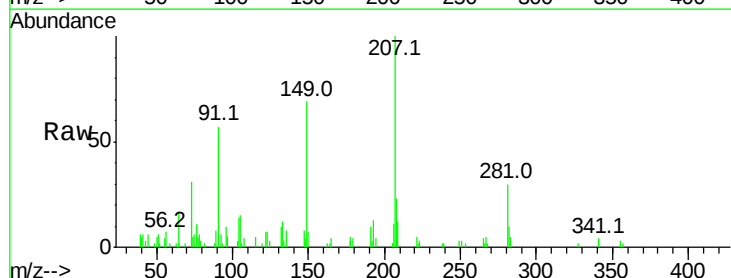
Tgt Ion:149 Resp: 16152

Ion Ratio Lower Upper

149 100

91 82.1 50.1 75.1#

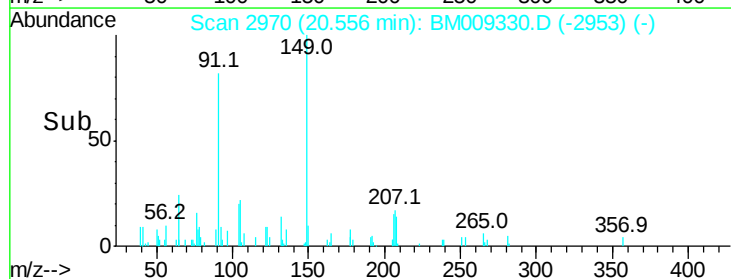
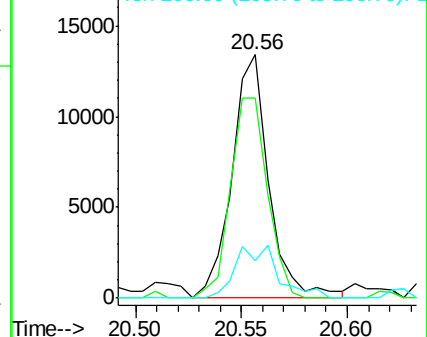
206 15.4 16.2 24.2#

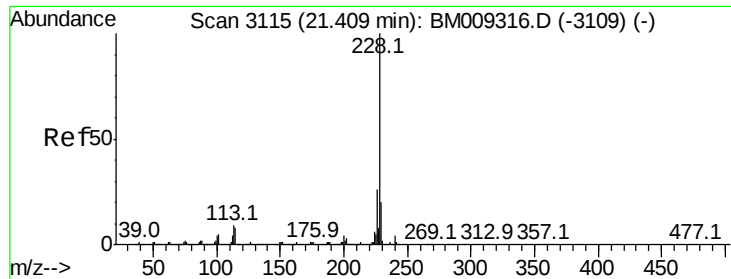


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

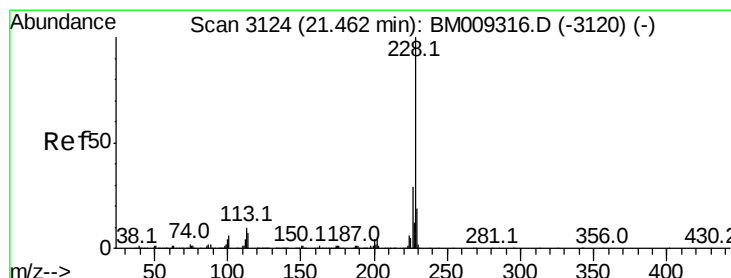
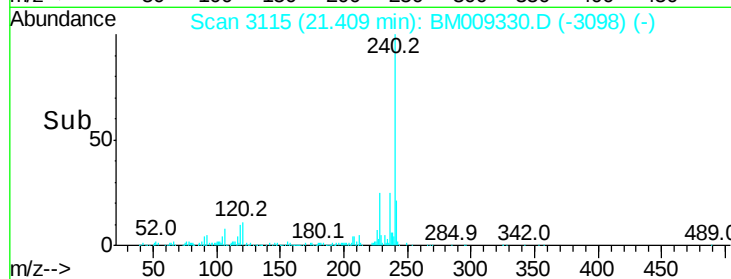
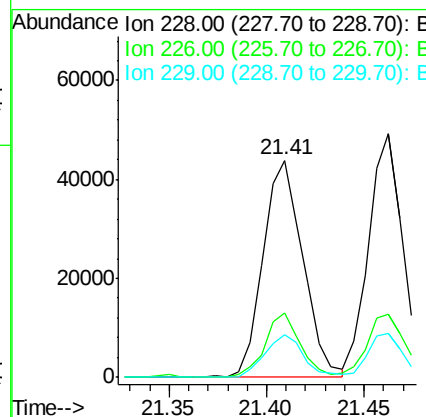
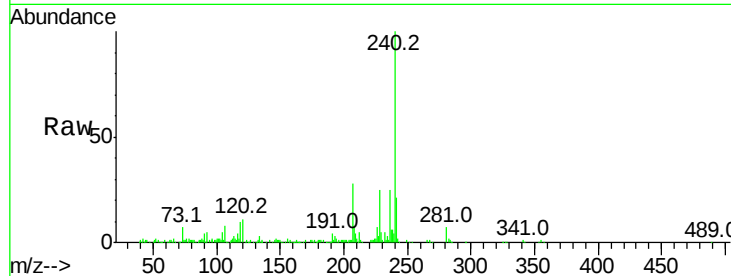




#80
Benzo(a)anthracene
Concen: 1.02 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

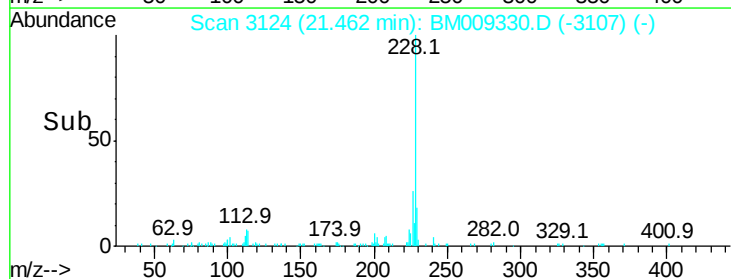
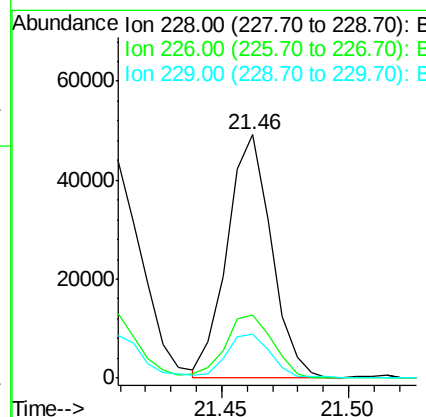
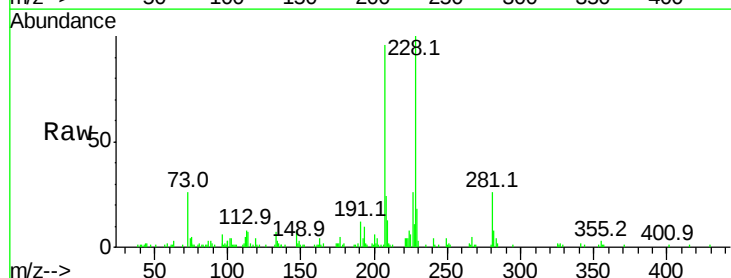
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

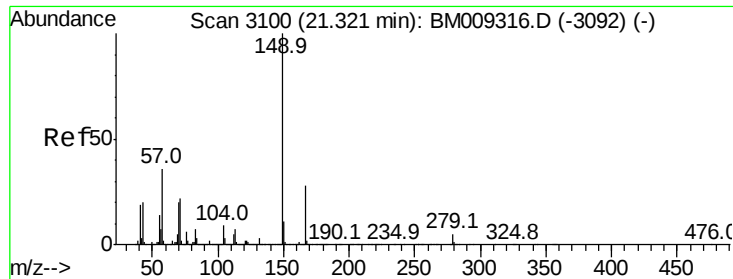
Tot Ion:228 Resp: 61950
Ion Ratio Lower Upper
228 100
226 29.4 21.7 32.5
229 19.6 16.0 24.0



#82
Chrysene
Concen: 1.03 ng
RT: 21.46 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:228 Resp: 59775
Ion Ratio Lower Upper
228 100
226 26.0 24.1 36.1
229 17.8 15.5 23.3

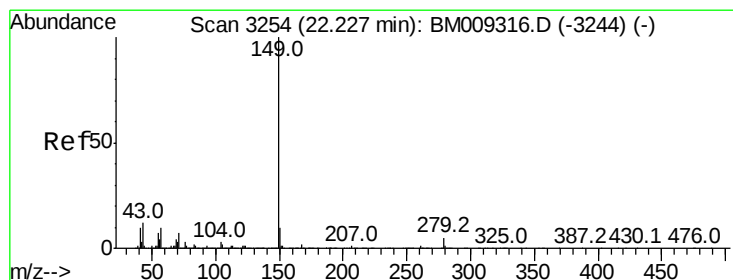
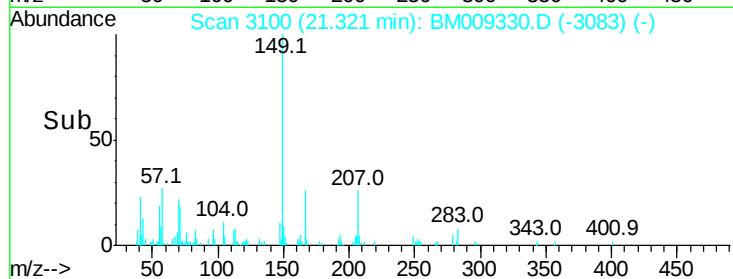
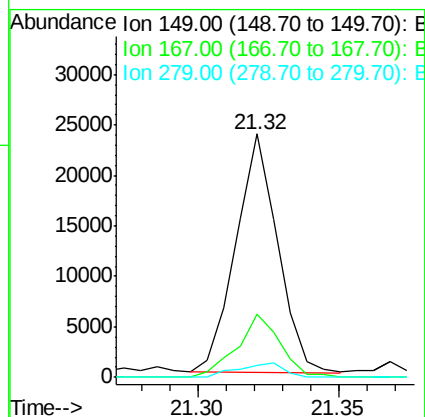
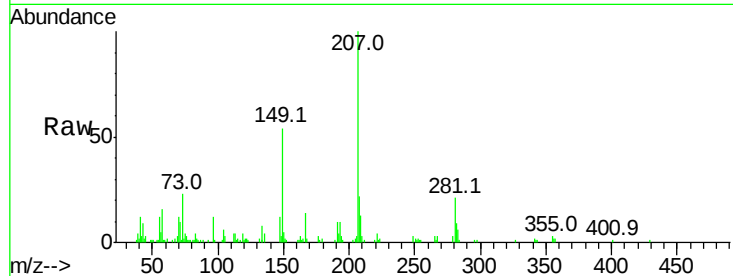




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.77 ng
 RT: 21.32 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

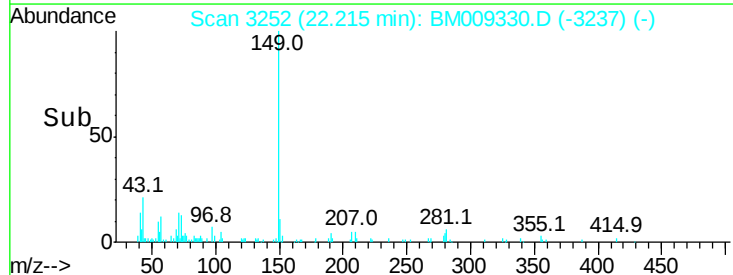
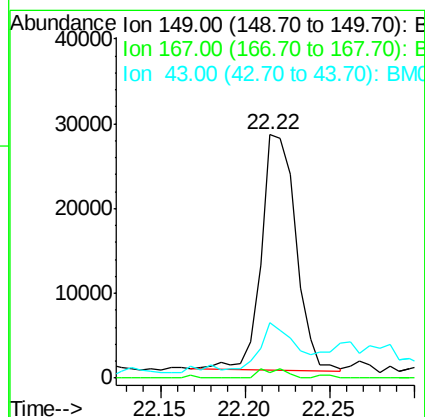
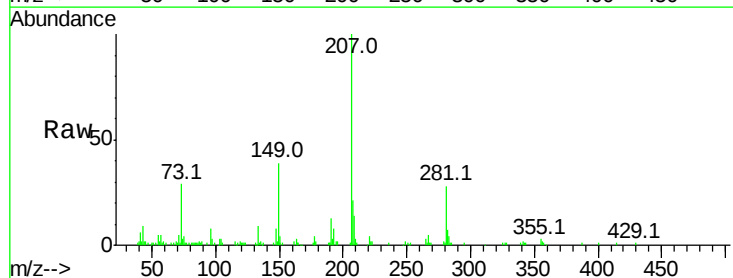
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

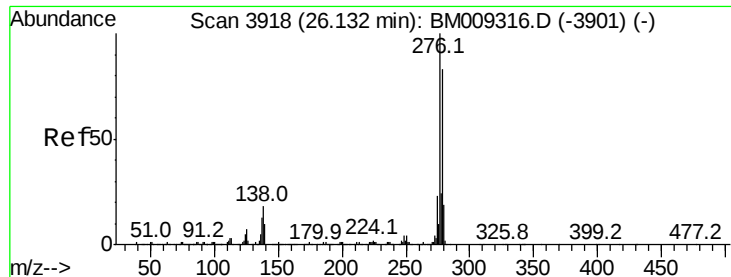
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.4	33.6
279	4.9	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 0.75 ng
 RT: 22.22 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM009330.D
 Acq: 22 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	3.1	1.2	1.8#
43	18.9	7.3	10.9#

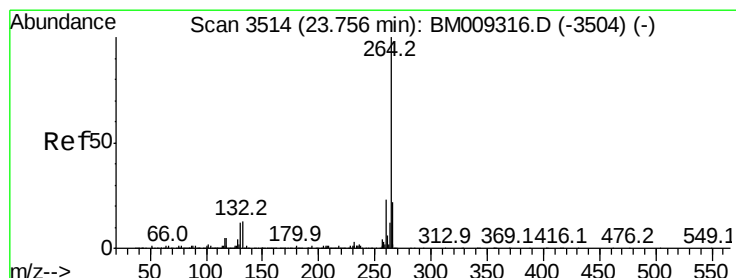
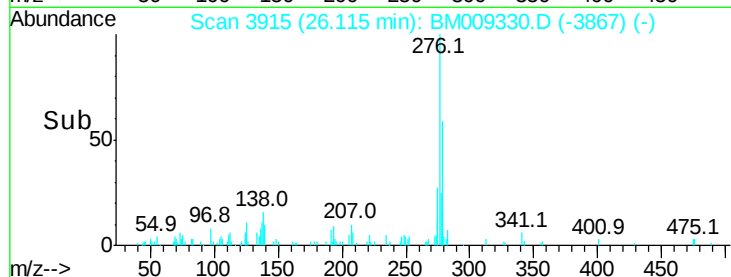
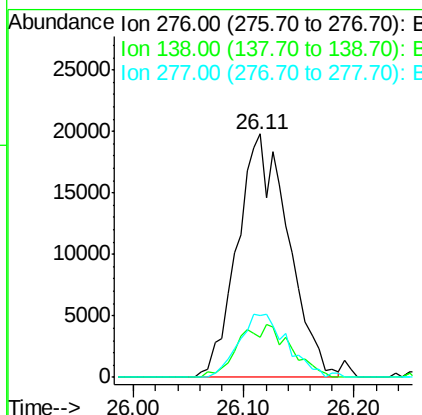
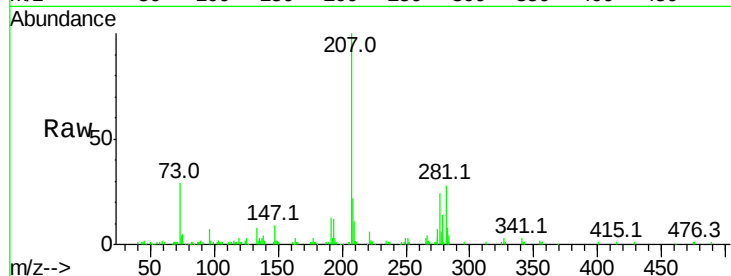




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

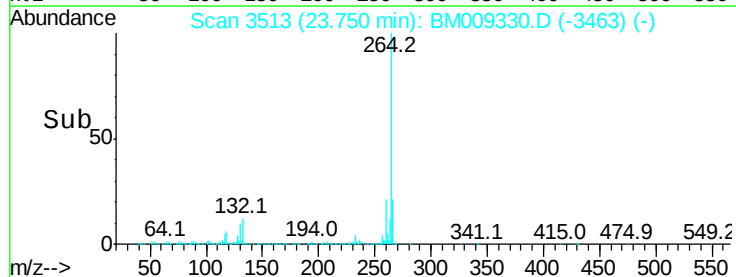
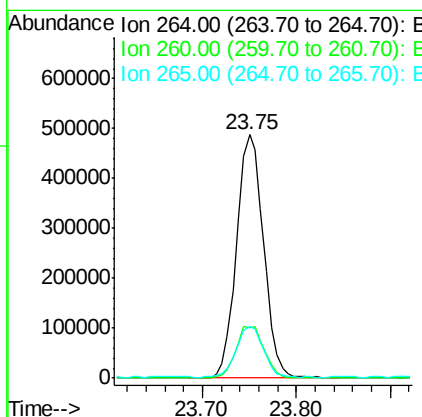
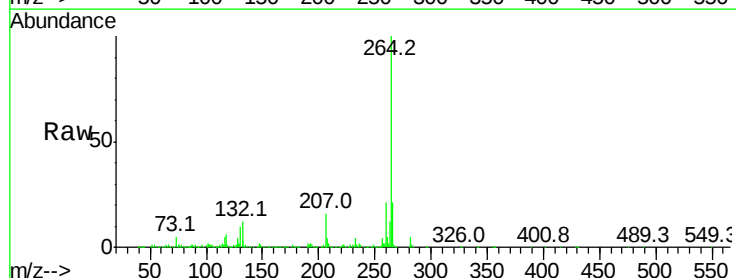
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

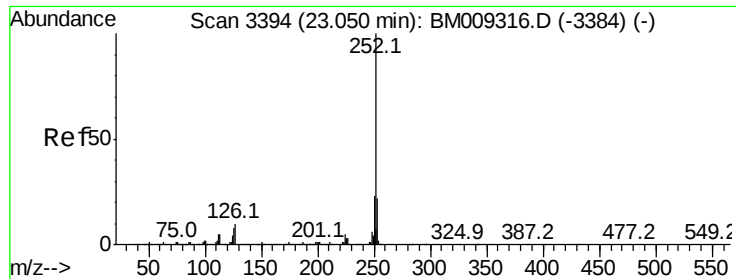
Tot Ion:276 Resp: 63868
Ion Ratio Lower Upper
276 100
138 10.5 0.0 0.0#
277 24.8 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.75 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM009330.D
Acq: 22 Mar 2017 22:23

Tgt Ion:264 Resp: 970805
Ion Ratio Lower Upper
264 100
260 20.9 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.96 ng

RT: 23.04 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

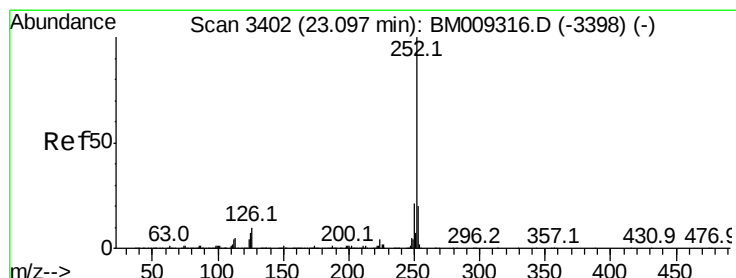
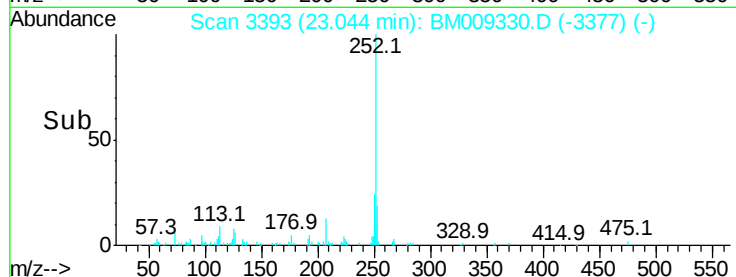
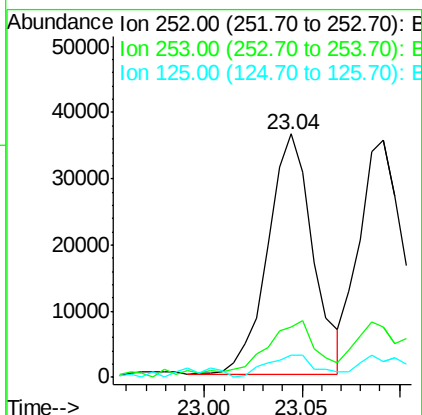
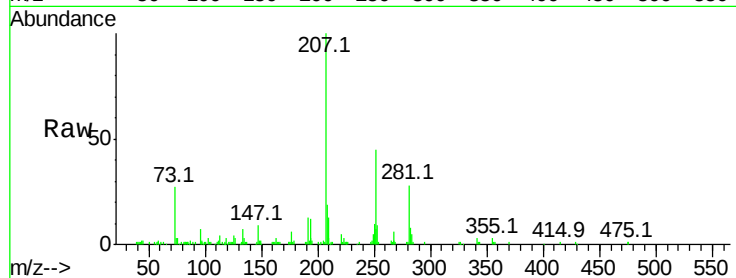
Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion:252	Resp:	58803
Ion Ratio	Lower	Upper
252	100	
253	20.9	18.0 27.0
125	9.2	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.96 ng m

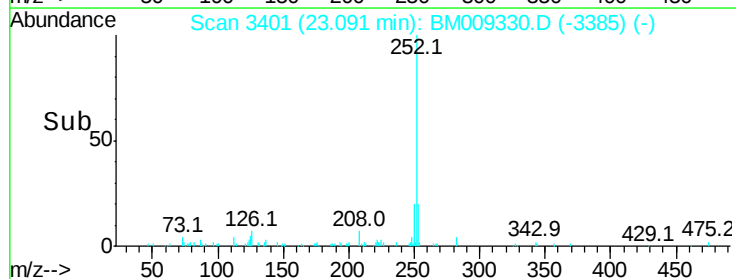
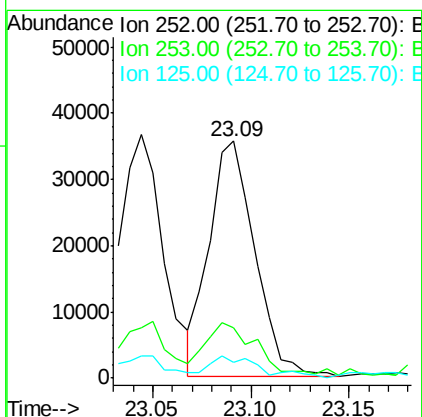
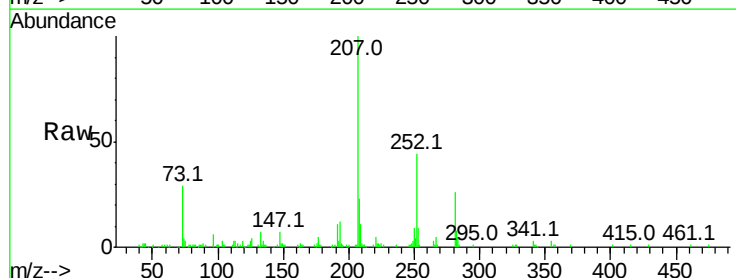
RT: 23.09 min Scan# 3401

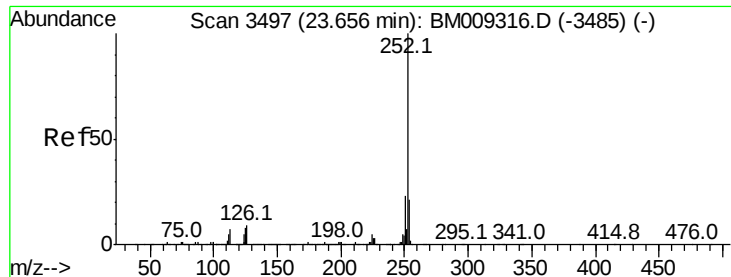
Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Tgt Ion:252	Resp:	56984
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.2 25.8
125	6.7	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.64 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

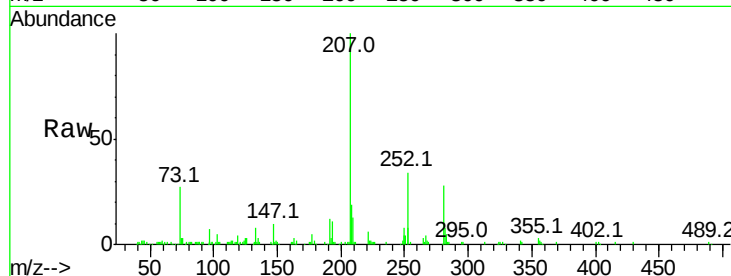
Tot Ion:252 Resp: 52033

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

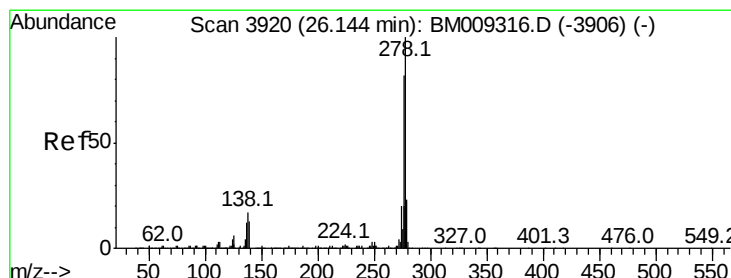
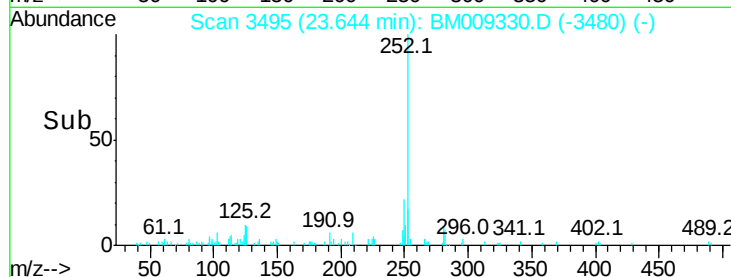
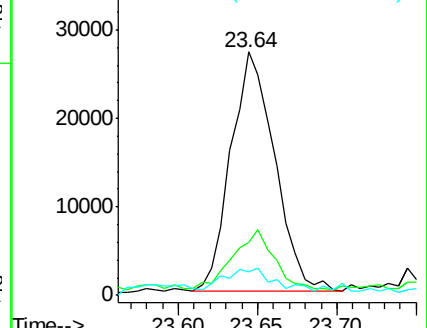
125 9.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.02 ng

RT: 26.13 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

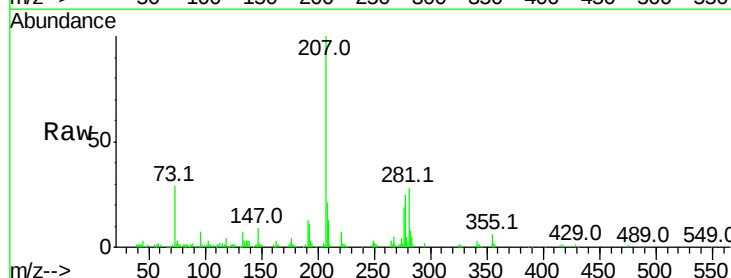
Tgt Ion:278 Resp: 56785

Ion Ratio Lower Upper

278 100

139 12.4 13.4 20.0#

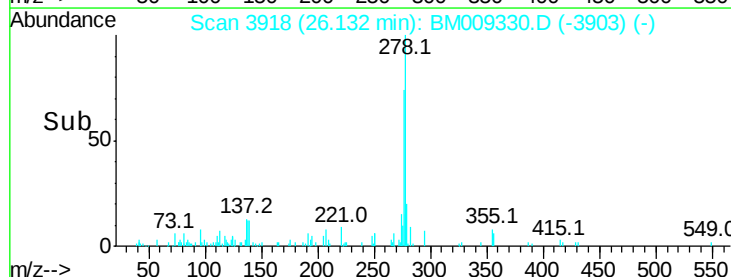
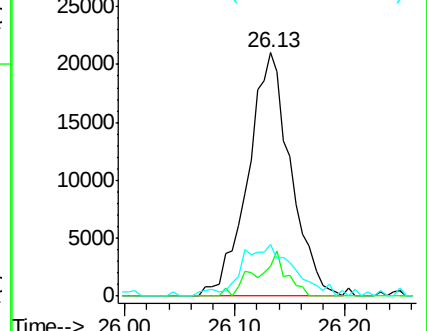
279 21.4 19.0 28.4

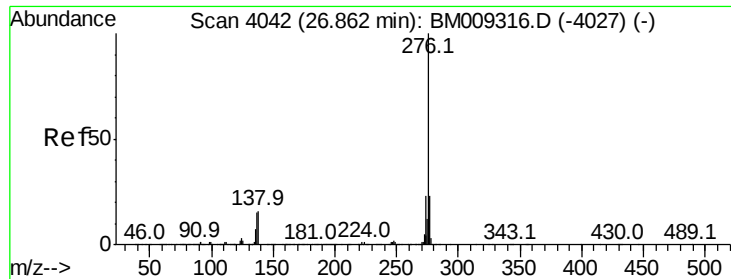


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.01 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009330.D

Acq: 22 Mar 2017 22:23

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

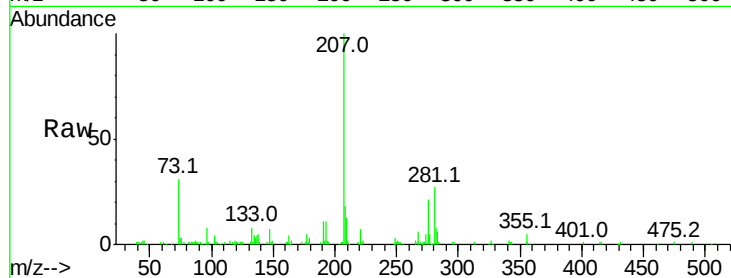
Tot Ion:276 Resp: 54874

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 30.2 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

