

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085987.D
 Acq On : 2 Apr 2016 3:33
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 8PPM
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 04:00:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105861	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417659	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	192778	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	379850	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	349087	20.00	ng	0.00
86) Perylene-d12	15.33	264	299782	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	686071	110.78	ng	0.00
7) Phenol-d6	6.42	99	905036	115.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	539394	76.16	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	248391	137.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	996587	85.95	ng	0.00
78) Terphenyl-d14	12.88	244	1033829	69.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	14454	4.92	ng	# 89
3) Pyridine	3.24	79	7477	1.14	ng	# 91
4) n-Nitrosodimethylamine	3.09	42	12224	4.23	ng	# 94
6) Aniline	6.44	93	41930	4.06	ng	92
8) 2-Chlorophenol	6.56	128	44146	5.98	ng	98
9) Benzaldehyde	6.33	77	36918	8.72	ng	95
10) Phenol	6.43	94	47082	5.25	ng	91
11) bis(2-Chloroethyl)ether	6.51	93	43807	6.16	ng	96
12) 1,3-Dichlorobenzene	6.72	146	44638	5.70	ng	# 96
13) 1,4-Dichlorobenzene	6.80	146	46385	5.75	ng	93
14) 1,2-Dichlorobenzene	6.94	146	41892	5.64	ng	98
15) Benzyl Alcohol	6.94	79	36057	7.08	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	49475	5.70	ng	85
17) 2-Methylphenol	7.04	107	37129	6.38	ng	95
18) Hexachloroethane	7.28	117	16230	5.47	ng	# 79
19) n-Nitroso-di-n-propylamine	7.18	70	29169	5.98	ng	# 88
20) 3+4-Methylphenols	7.21	107	45310	6.40	ng	# 68
22) Acetophenone	7.18	105	60403	6.15	ng	# 93
24) Nitrobenzene	7.36	77	45074	5.82	ng	98
25) Isophorone	7.60	82	82448	5.90	ng	98
26) 2-Nitrophenol	7.69	139	17720	4.78	ng	100
27) 2,4-Dimethylphenol	7.72	122	40351	6.06	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	51850	6.32	ng	99
29) 2,4-Dichlorophenol	7.93	162	33662	5.98	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	35086	5.55	ng	94
31) Naphthalene	8.08	128	128941	6.14	ng	98
32) Benzoic acid	7.81	122	13409	2.75	ng	96
33) 4-Chloroaniline	8.14	127	37562	4.43	ng	97
34) Hexachlorobutadiene	8.20	225	18258	5.37	ng	97
35) Caprolactam	8.48	113	9483	5.31	ng	# 83
36) 4-Chloro-3-methylphenol	8.62	107	36268	5.73	ng	95
37) 2-Methylnaphthalene	8.77	142	84235	6.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	33056	5.71	ng	98
40) Hexachlorocyclopentadiene	8.92	237	3779	7.81	ng	99

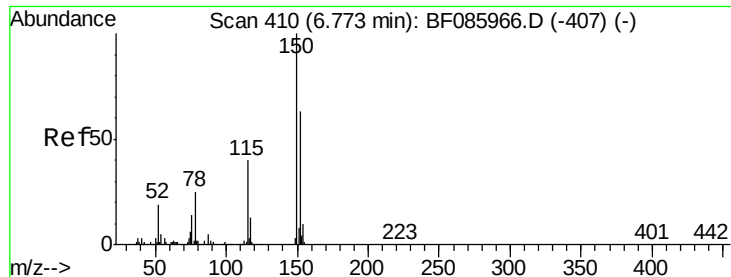
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	20266	5.45	ng	97
43) 2,4,5-Trichlorophenol	9.10	196	21759	5.76	ng	# 91
45) 1,1'-Biphenyl	9.23	154	102086	6.14	ng	96
46) 2-Chloronaphthalene	9.25	162	69974	5.81	ng	# 89
47) 2-Nitroaniline	9.37	65	18584	5.27	ng	89
48) Acenaphthylene	9.66	152	121965	6.32	ng	98
49) Dimethylphthalate	9.53	163	83380	5.84	ng	99
50) 2,6-Dinitrotoluene	9.60	165	17446	5.77	ng	90
51) Acenaphthene	9.84	154	72938	6.35	ng	99
52) 3-Nitroaniline	9.78	138	18117	4.97	ng	91
53) 2,4-Dinitrophenol	9.92	184	2968	4.68	ng	87
54) Dibenzofuran	10.02	168	106492	7.02	ng	97
55) 4-Nitrophenol	10.02	139	54321	25.29	ng	# 14
56) 2,4-Dinitrotoluene	10.01	165	23228	6.08	ng	# 20
57) Fluorene	10.35	166	82915	6.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	17868	6.35	ng	# 97
59) Diethylphthalate	10.24	149	87539	6.07	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	41829	6.93	ng	92
61) 4-Nitroaniline	10.38	138	18732	5.22	ng	96
62) Azobenzene	10.51	77	89040	6.45	ng	96
64) 4,6-Dinitro-2-methylphenol	10.42	198	8529	3.71	ng	88
65) n-Nitrosodiphenylamine	10.46	169	74985	6.31	ng	96
66) 4-Bromophenyl-phenylether	10.84	248	21616	5.57	ng	92
67) Hexachlorobenzene	10.91	284	21685	5.41	ng	# 93
68) Atrazine	10.99	200	22464	5.85	ng	98
69) Pentachlorophenol	11.10	266	6749	3.59	ng	95
70) Phenanthrene	11.31	178	133448	6.44	ng	98
71) Anthracene	11.37	178	140176	6.46	ng	97
72) Carbazole	11.53	167	119583	6.41	ng	98
73) Di-n-butylphthalate	11.86	149	130788	5.66	ng	99
74) Fluoranthene	12.50	202	132628	6.15	ng	96
76) Benzidine	12.64	184	34613	2.81	ng	98
77) Pyrene	12.73	202	142612	5.80	ng	98
79) Butylbenzylphthalate	13.35	149	57269	5.17	ng	# 77
80) Benzo(a)anthracene	13.92	228	125900	6.12	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	19316	1.29	ng	# 96
82) Chrysene	13.95	228	106684	5.38	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	81908	5.57	ng	# 98
84) Di-n-octyl phthalate	14.51	149	119740	5.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	86770	5.40	ng	98
87) Benzo(b)fluoranthene	14.93	252	203977	10.82	ng	# 96
88) Benzo(k)fluoranthene	14.93	252	203977	12.21	ng	99
89) Benzo(a)pyrene	15.28	252	96890	5.80	ng	# 96
90) Dibenzo(a,h)anthracene	16.69	278	71693	5.33	ng	100
91) Benzo(g,h,i)perylene	17.09	276	71560	5.50	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

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ClientSampleId :

LOD-WATER2016-01

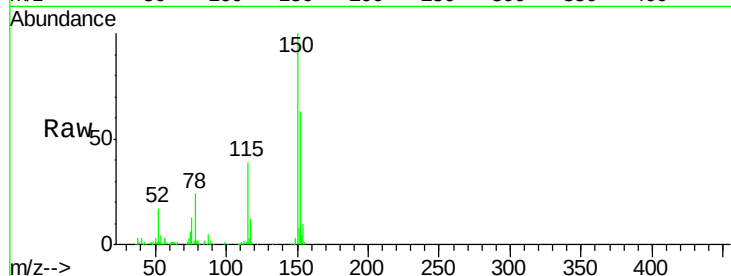
Tot Ion:152 Resp: 105861

Ion Ratio Lower Upper

152 100

150 158.8 124.2 186.2

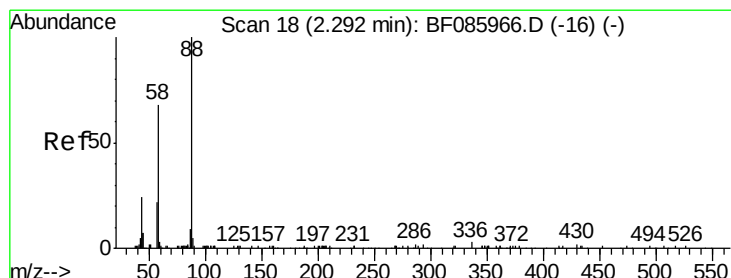
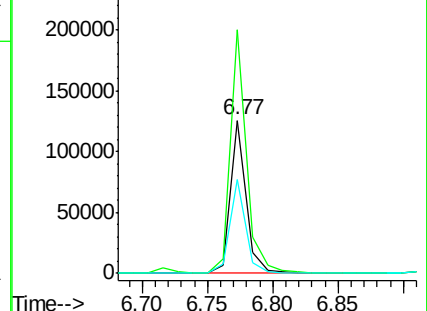
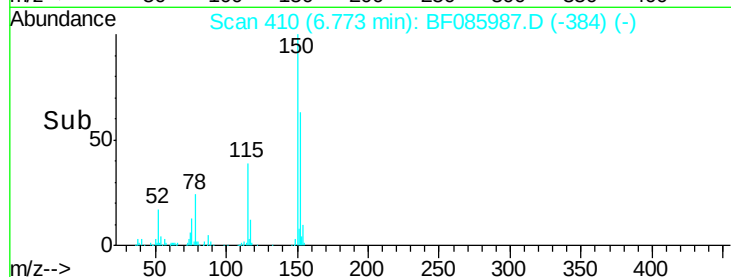
115 61.6 47.0 70.6



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



#2

1,4-Dioxane

Concen: 4.92 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

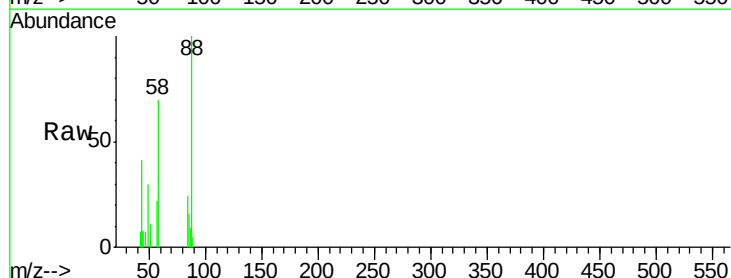
Tgt Ion: 88 Resp: 14454

Ion Ratio Lower Upper

88 100

58 62.2 54.2 81.2

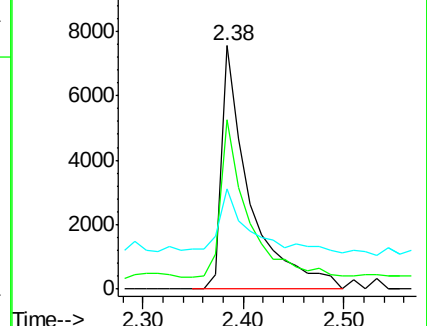
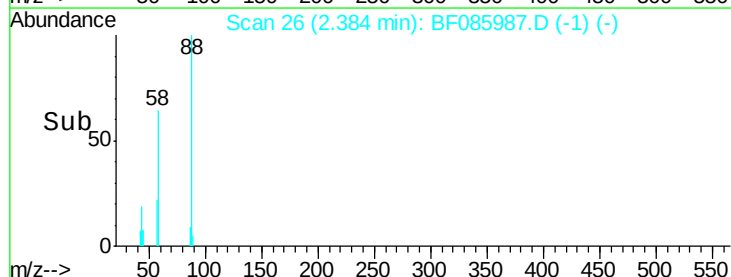
43 34.7 19.3 28.9#

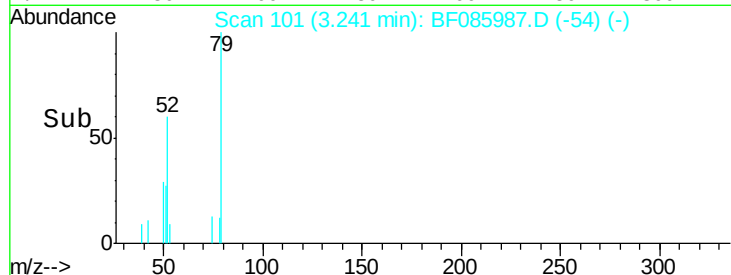
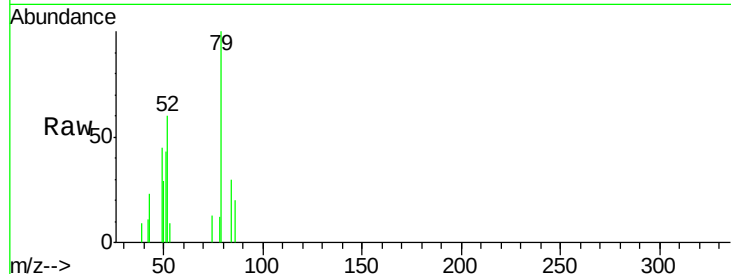
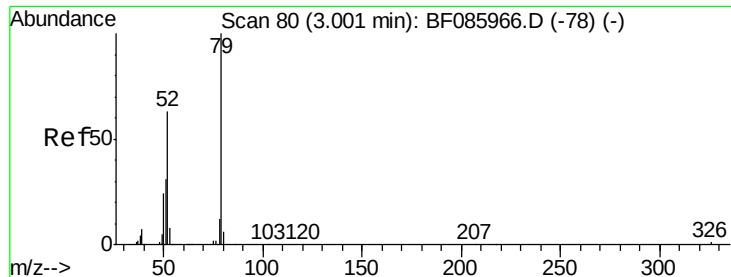


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

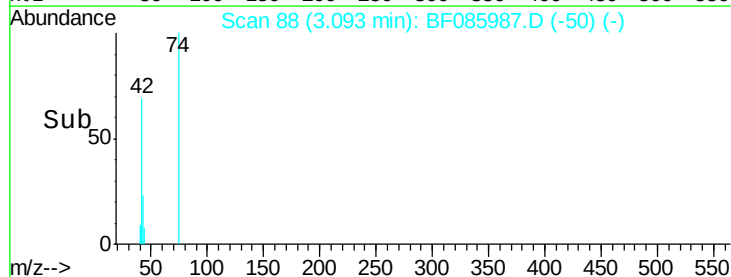
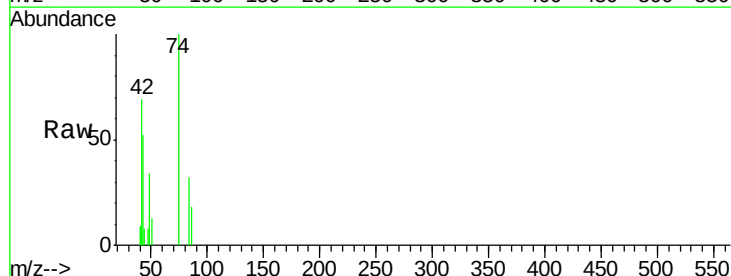
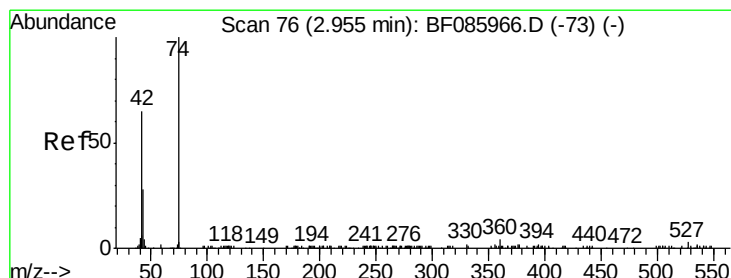
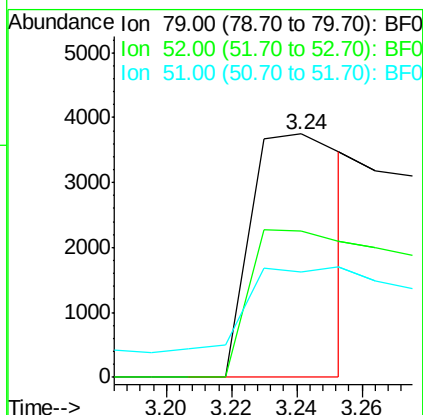




#3
 Pvridine
 Concen: 1.14 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.24 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

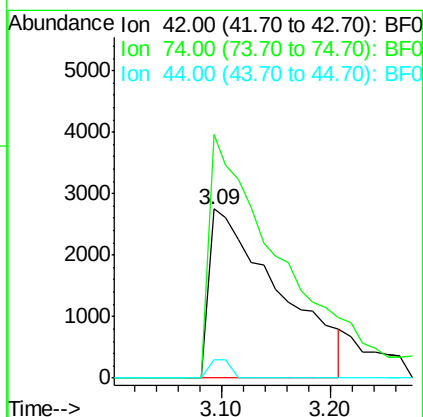
Tot Ion	79	Resp	7477
Ion Ratio	Lower	Upper	
79	100		
52	60.3	49.8	74.6
51	43.1	24.7	37.1#

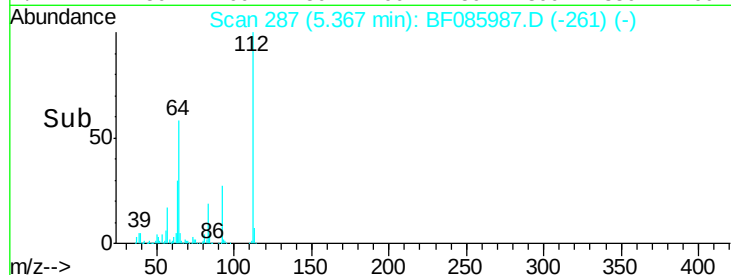
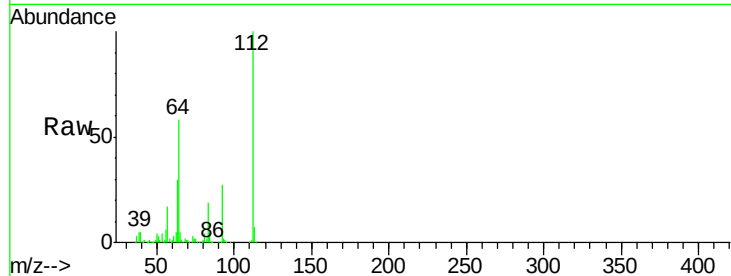
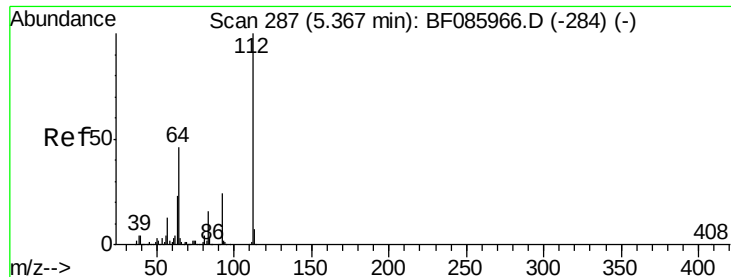
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01



#4
 n-Nitrosodimethylamine
 Concen: 4.23 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.14 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion	42	Resp	12224
Ion Ratio	Lower	Upper	
42	100		
74	144.3	121.4	182.2
44	11.2	5.6	8.4#





#5

2-Fluorophenol

Concen: 110.78 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 112 Resp: 686071

Ion Ratio Lower Upper

112 100

64 58.2 39.9 59.9

63 29.6 20.2 30.2

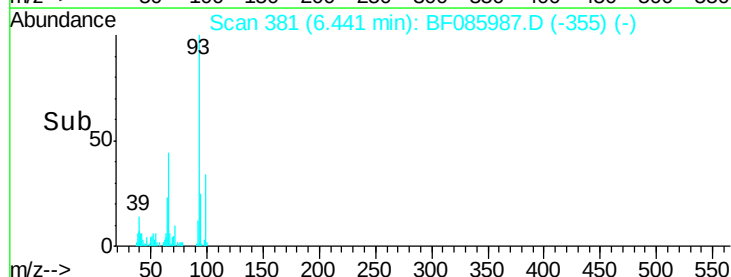
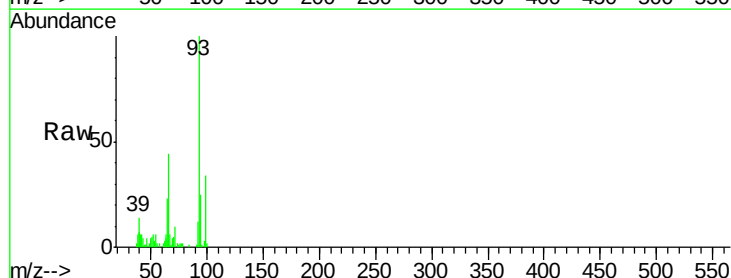
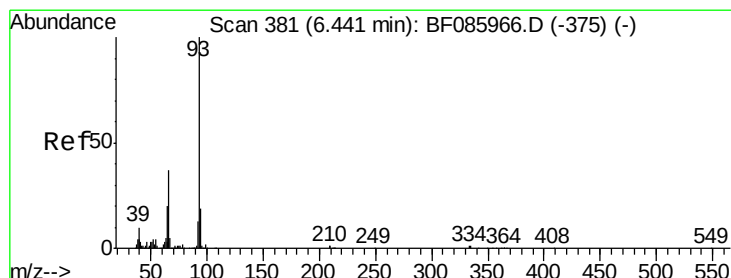
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.37

Time-->



#6

Aniline

Concen: 4.06 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion: 93 Resp: 41930

Ion Ratio Lower Upper

93 100

66 44.4 31.4 47.2

65 22.8 15.7 23.5

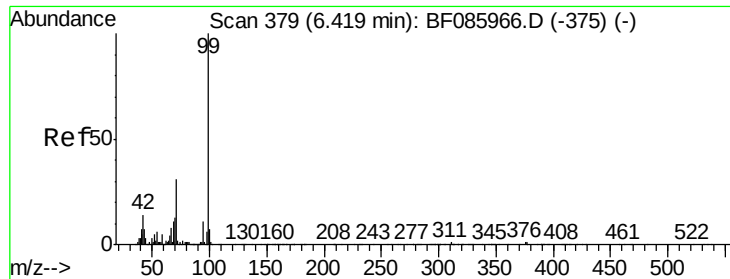
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.44

Time-->



#7

Phenol-d6

Concen: 115.05 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

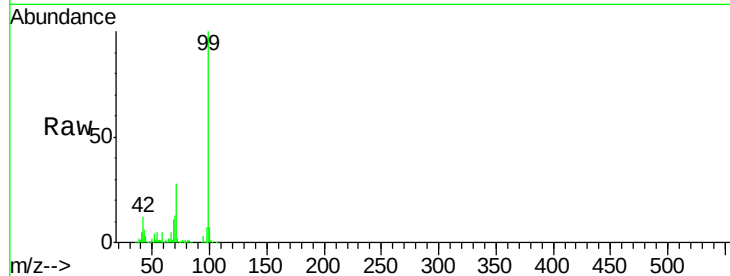
Tot Ion: 99 Resp: 905036

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

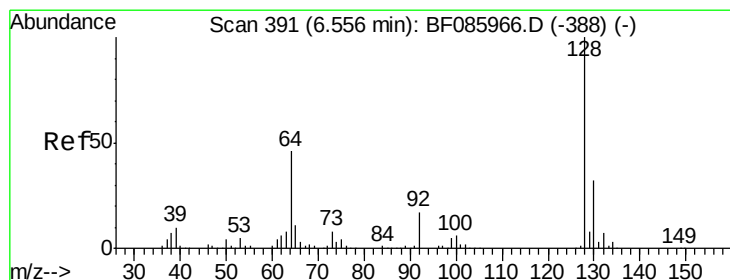
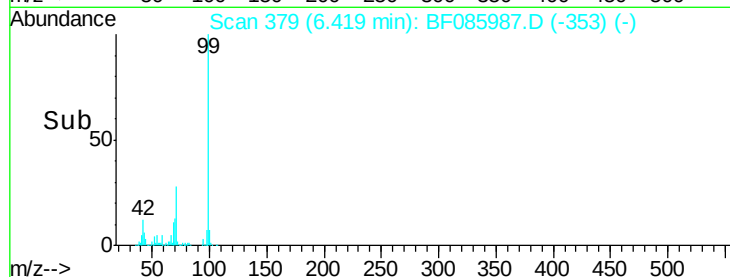
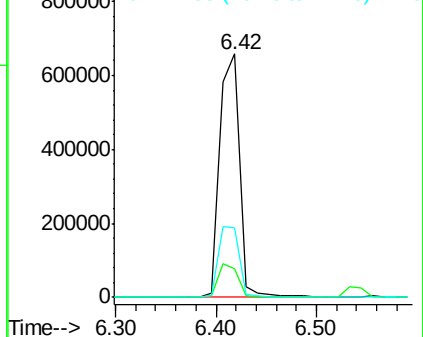
71 28.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 5.98 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

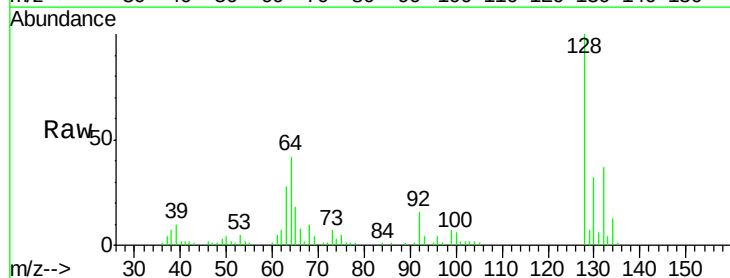
Tgt Ion: 128 Resp: 44146

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

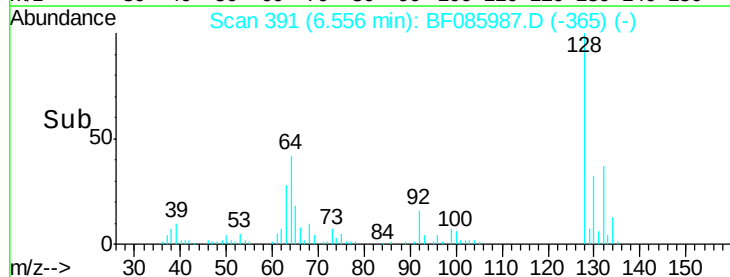
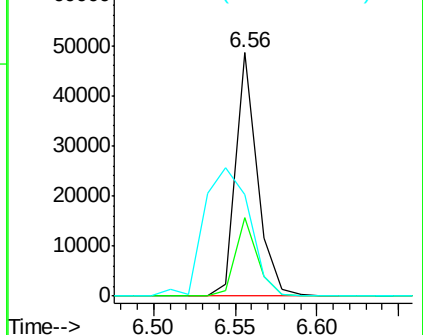
64 41.6 20.2 60.2

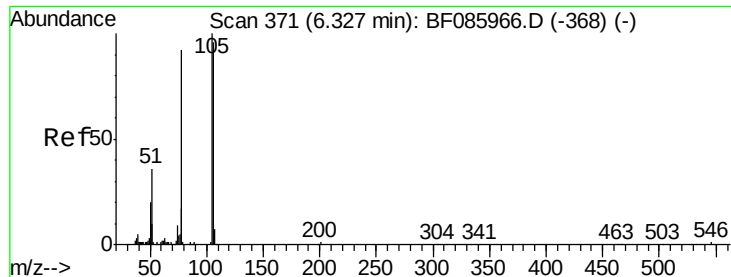


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.72 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

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ClientSampleId :

LOD-WATER2016-01

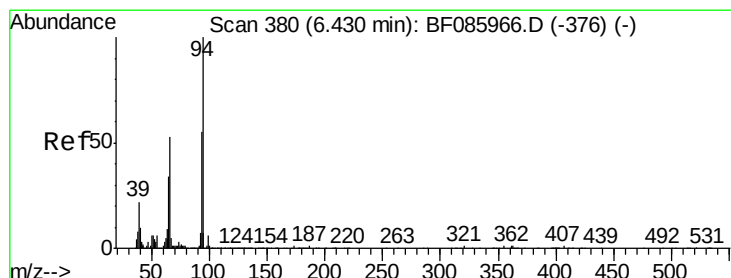
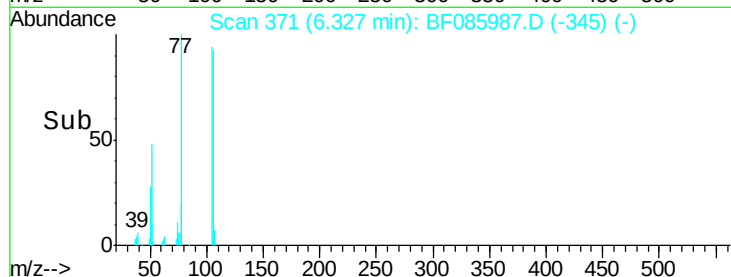
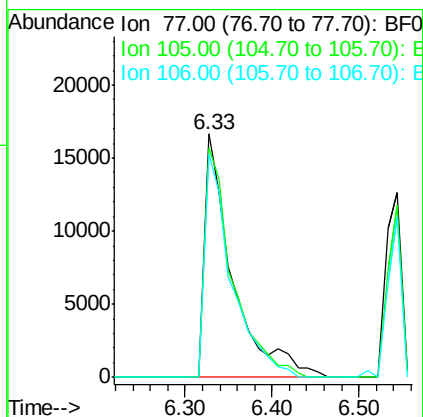
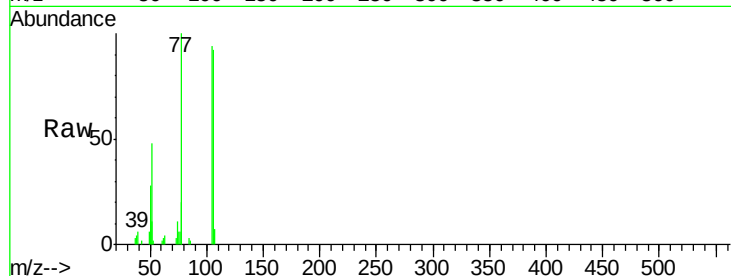
Tot Ion: 77 Resp: 36918

Ion Ratio Lower Upper

77 100

105 94.1 80.1 120.1

106 91.8 75.0 115.0



#10

Phenol

Concen: 5.25 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

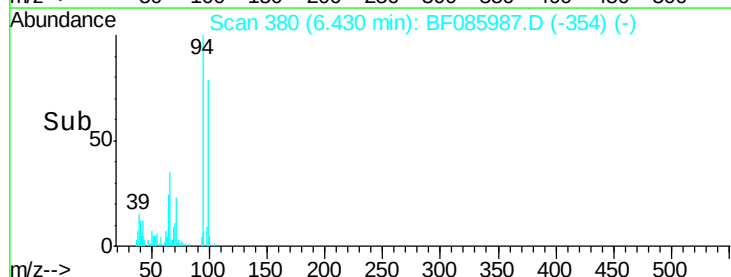
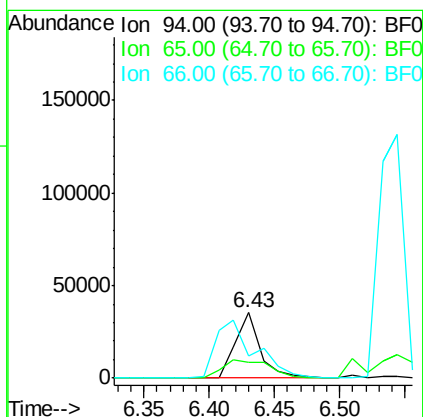
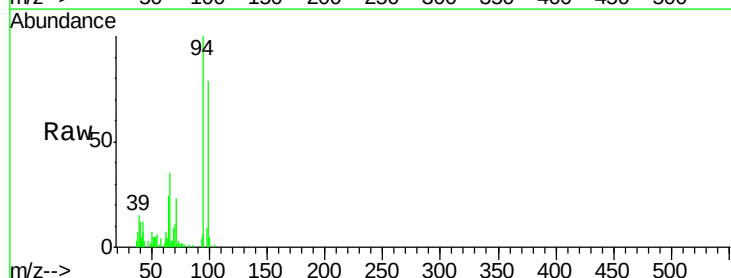
Tgt Ion: 94 Resp: 47082

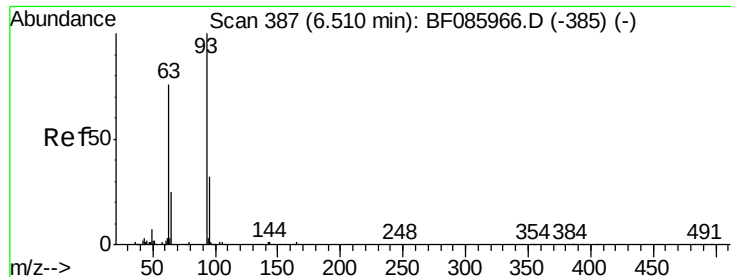
Ion Ratio Lower Upper

94 100

65 24.1 8.6 48.6

66 34.5 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 6.16 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

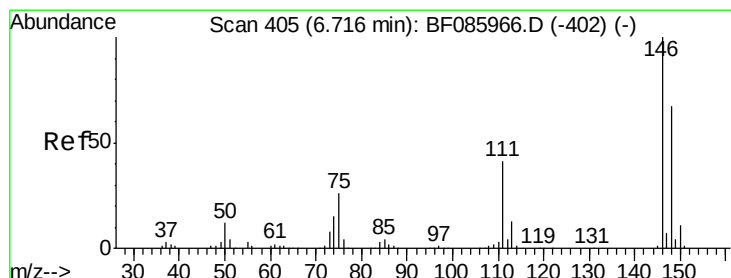
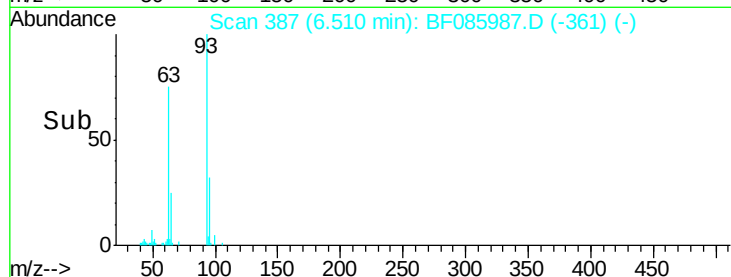
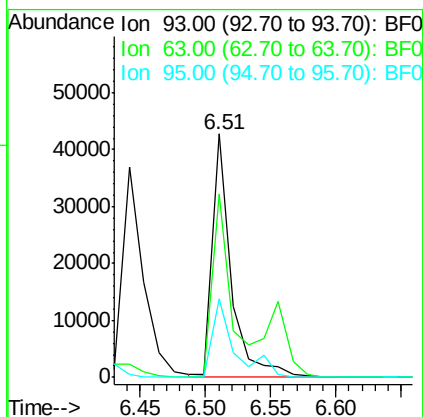
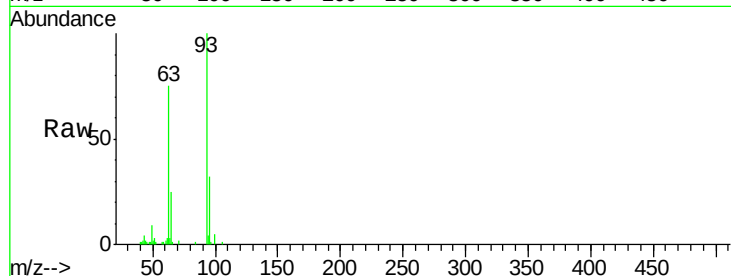
Tot Ion: 93 Resp: 43807

Ion Ratio Lower Upper

93 100

63 75.2 50.9 90.9

95 32.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 5.70 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

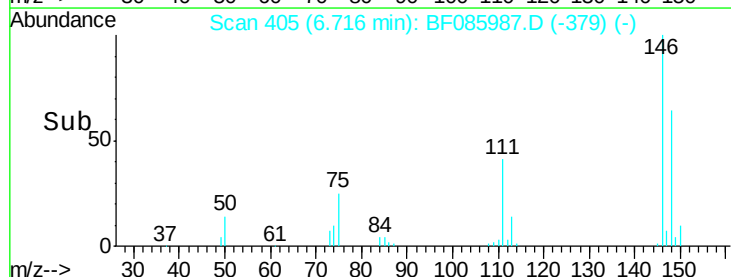
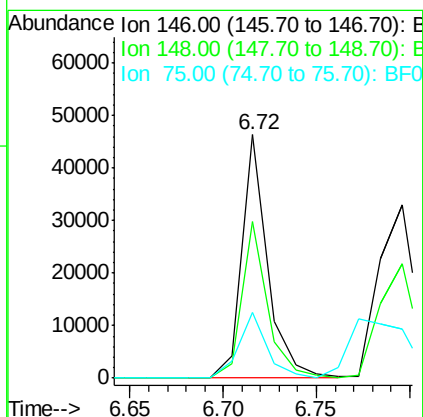
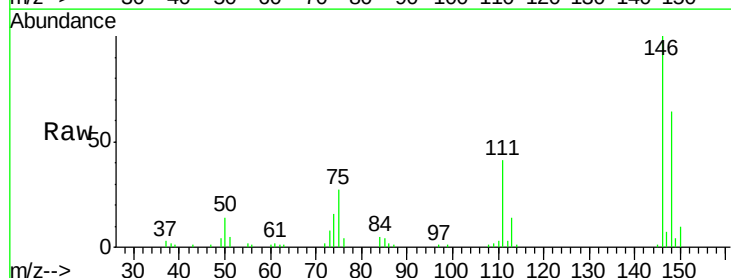
Tgt Ion: 146 Resp: 44638

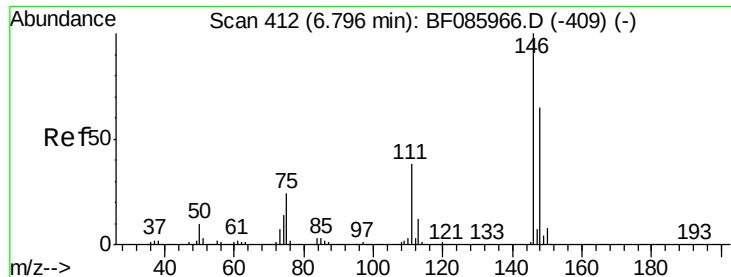
Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

75 26.9 17.4 26.2#

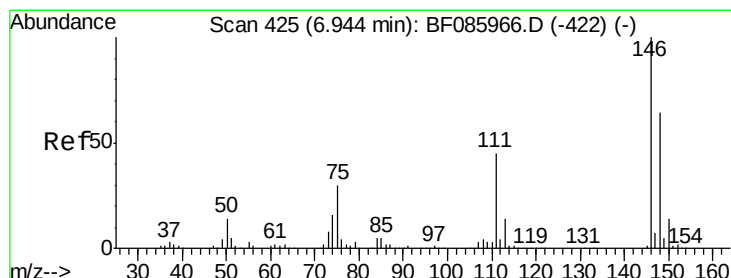
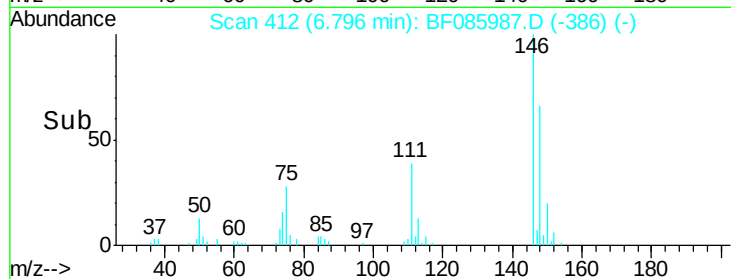
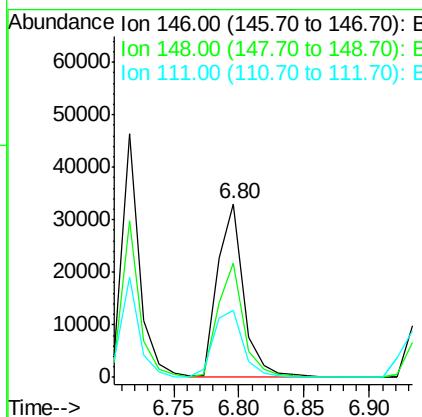
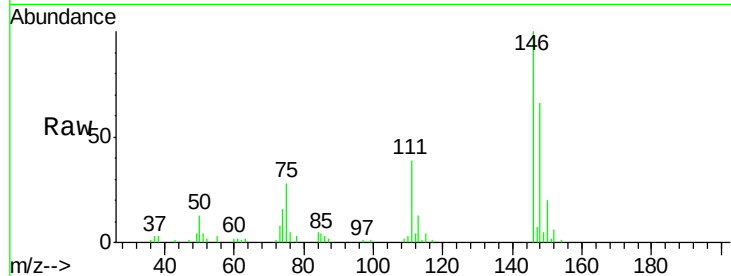




#13
 1,4-Dichlorobenzene
 Concen: 5.75 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

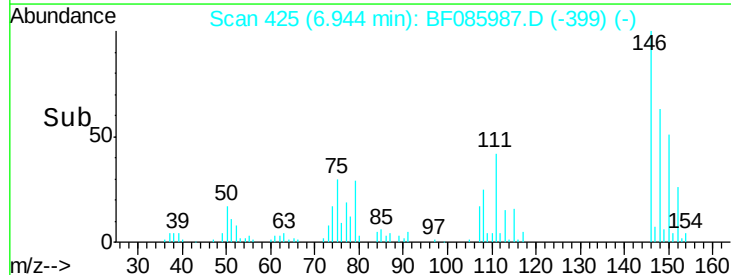
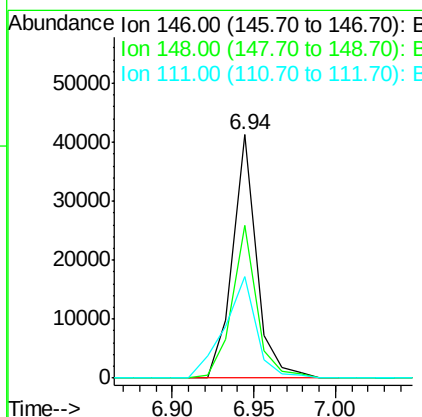
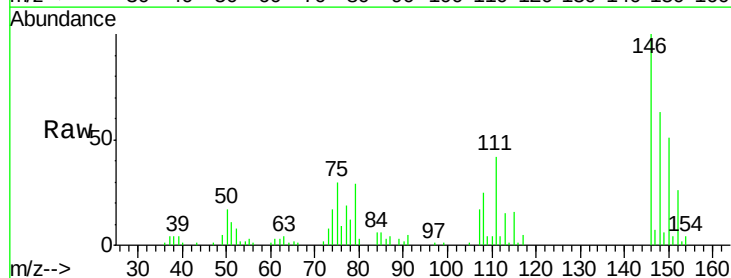
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

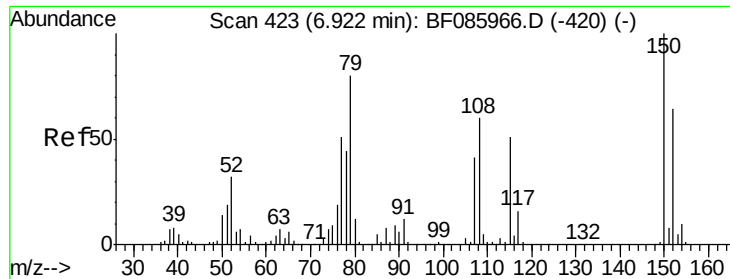
Tot Ion:146 Resp: 46385
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 39.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 5.64 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:146 Resp: 41892
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 111 41.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 7.08 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.02 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

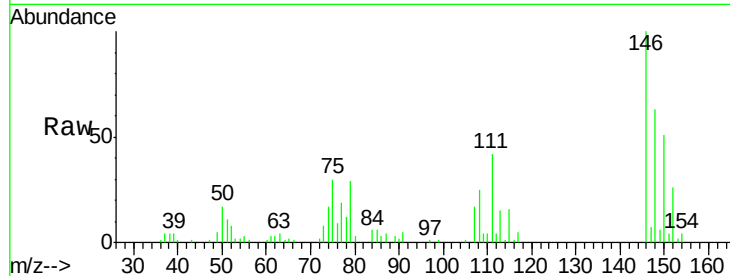
Tot Ion: 79 Resp: 36057

Ion Ratio Lower Upper

79 100

108 84.7 61.8 92.6

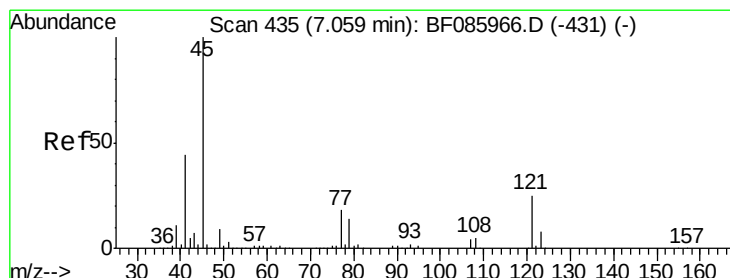
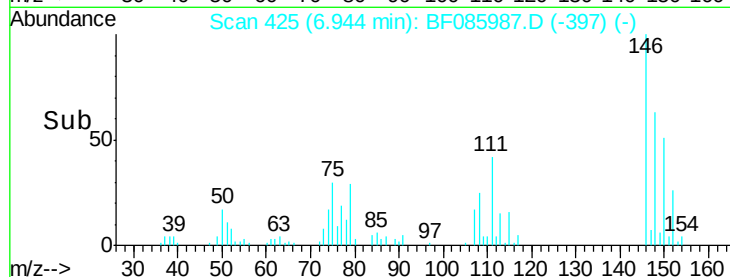
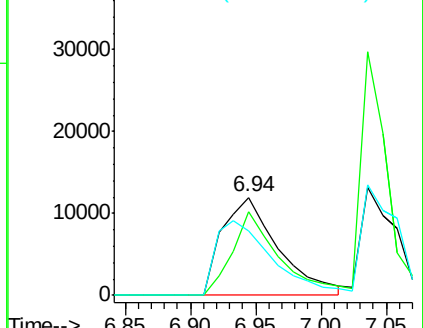
77 66.2 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.70 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

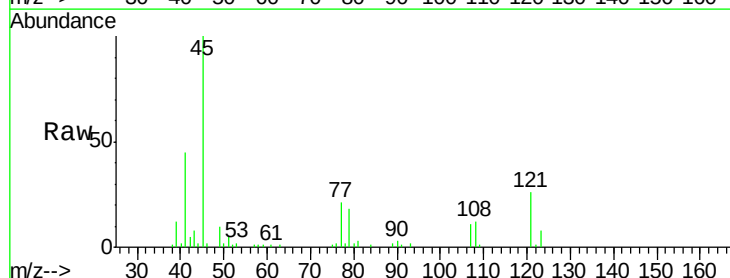
Tgt Ion: 45 Resp: 49475

Ion Ratio Lower Upper

45 100

77 21.4 0.0 35.7

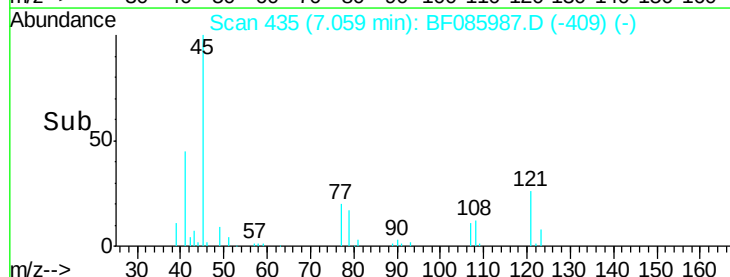
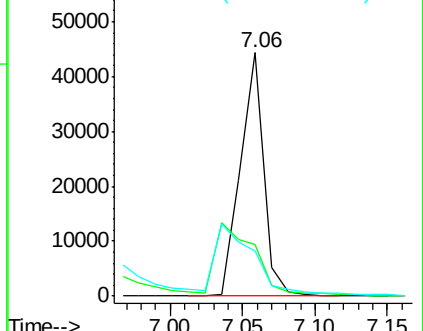
79 18.4 0.0 32.2

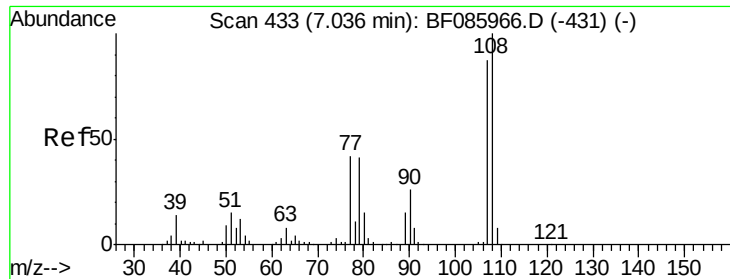


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 6.38 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:107 Resp: 37129

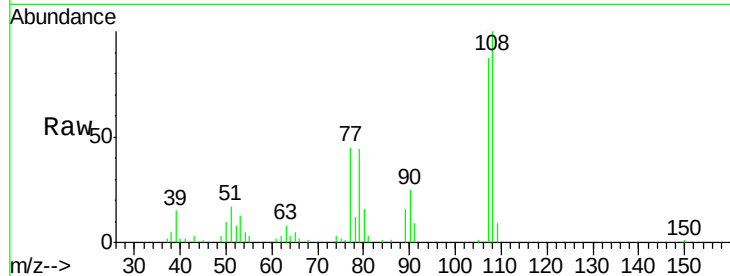
Ion Ratio Lower Upper

107 100

108 115.5 91.4 137.0

77 52.3 36.2 54.2

79 51.3 35.8 53.8

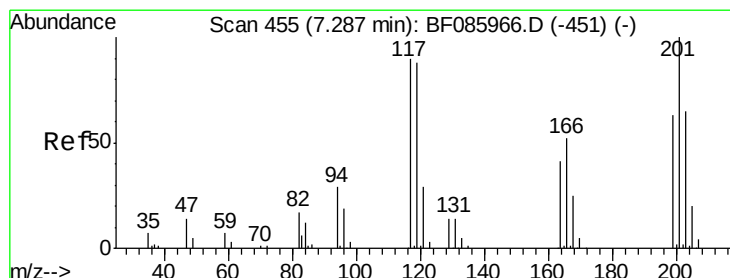
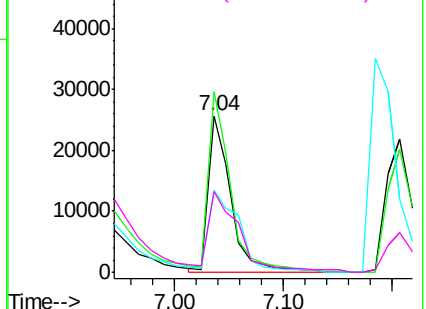
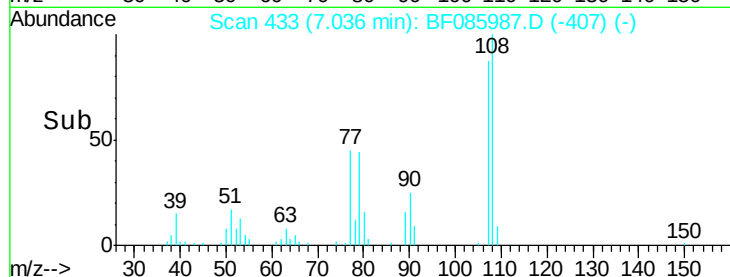


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 5.47 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

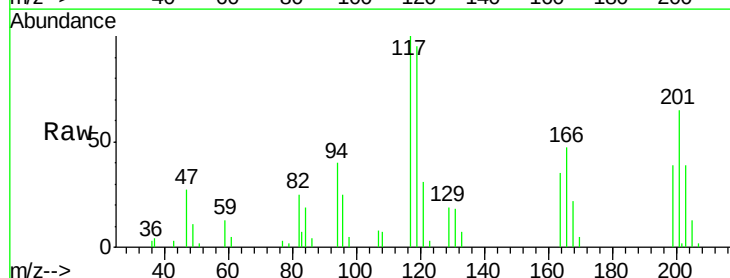
Tgt Ion:117 Resp: 16230

Ion Ratio Lower Upper

117 100

119 94.6 76.7 115.1

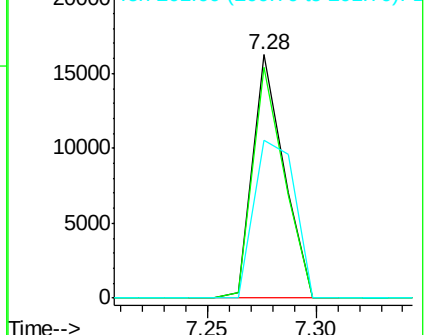
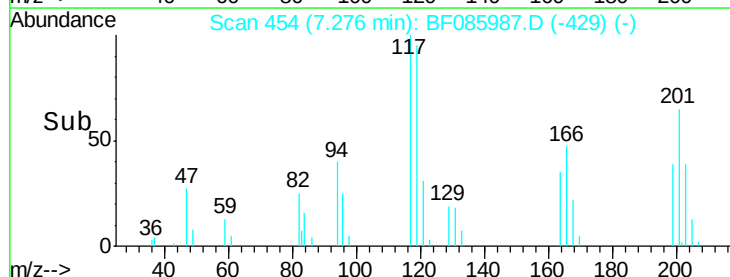
201 64.8 83.3 124.9#

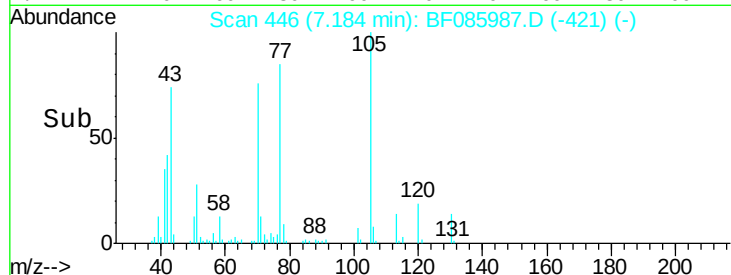
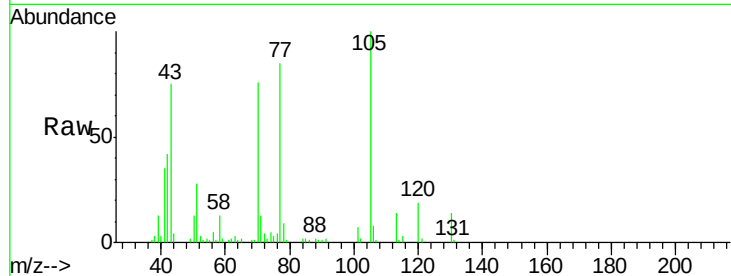
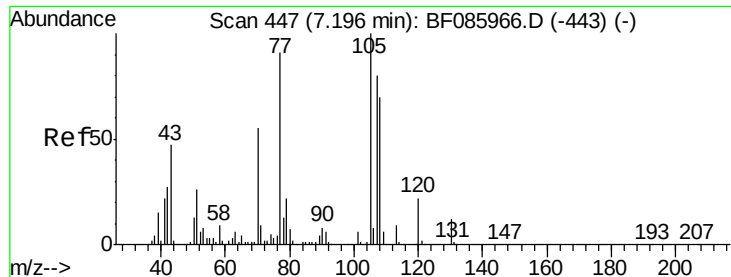


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

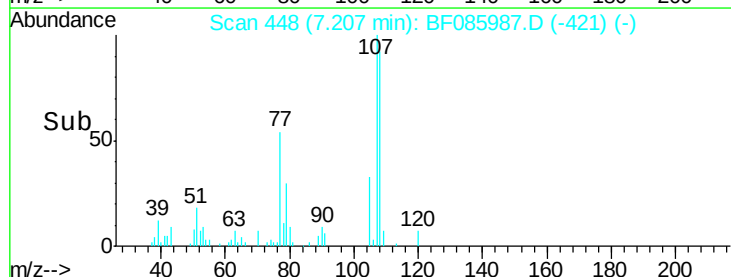
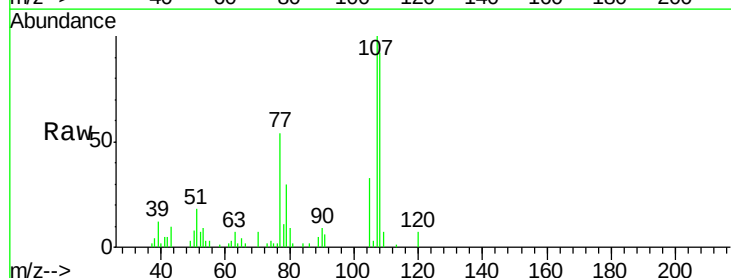
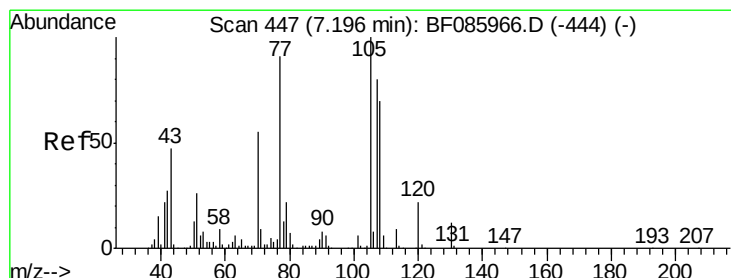
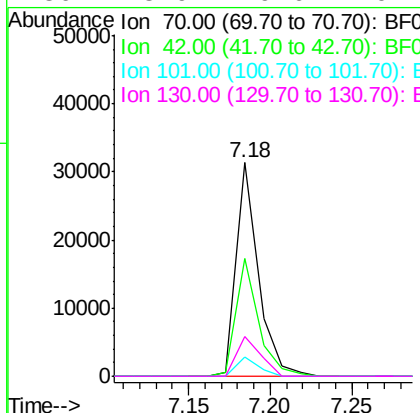




#19
n-Nitroso-di-n-propylamine
Concen: 5.98 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

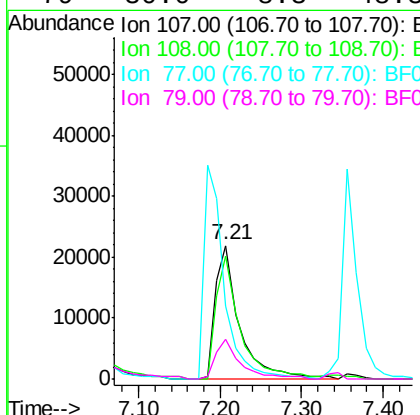
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

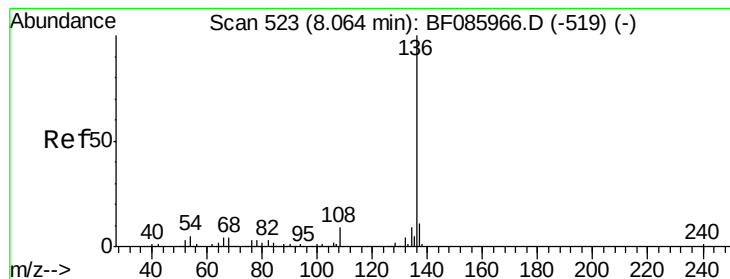
Tot Ion: 70 Resp: 29169
Ion Ratio Lower Upper
70 100
42 55.4 37.1 55.7
101 9.0 8.6 12.8
130 18.9 19.6 29.4#



#20
3+4-Methylphenols
Concen: 6.40 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:107 Resp: 45310
Ion Ratio Lower Upper
107 100
108 91.8 69.3 109.3
77 54.4 101.7 141.7#
79 30.0 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:136 Resp: 417659

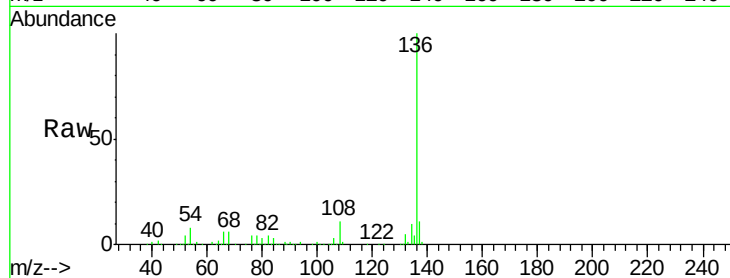
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 7.4 11.0

68 6.2 5.8 8.8

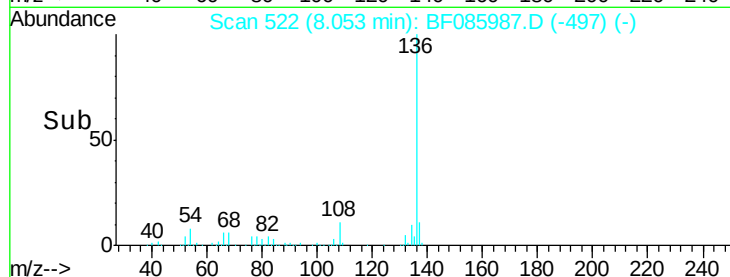


Abundance Ion 136.00 (135.70 to 136.70): E

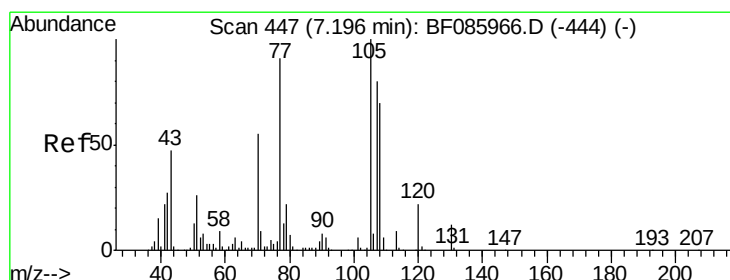
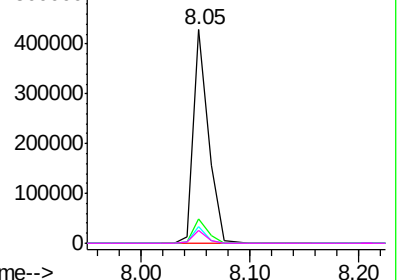
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 6.15 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion:105 Resp: 60403

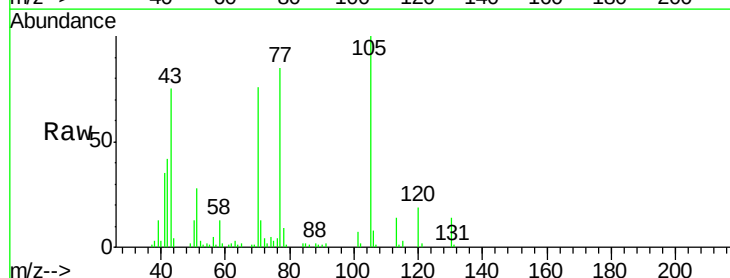
Ion Ratio Lower Upper

105 100

71 12.6 3.6 5.4#

51 28.2 25.4 38.0

120 19.5 16.9 25.3

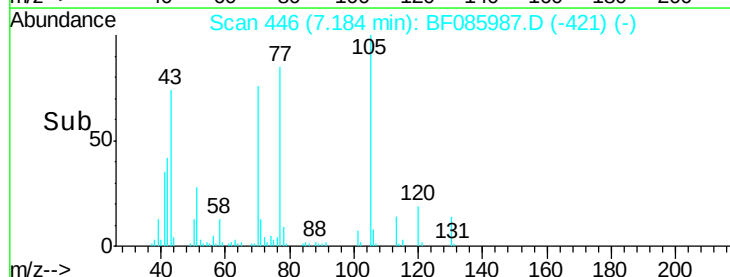


Abundance Ion 105.00 (104.70 to 105.70): E

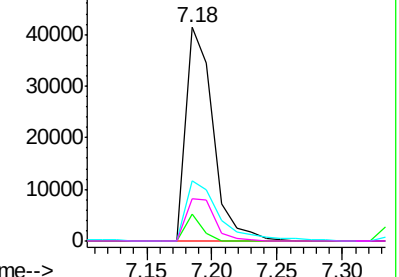
Ion 71.00 (70.70 to 71.70): BF0

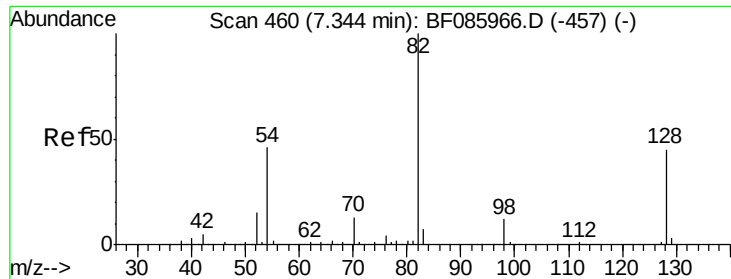
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

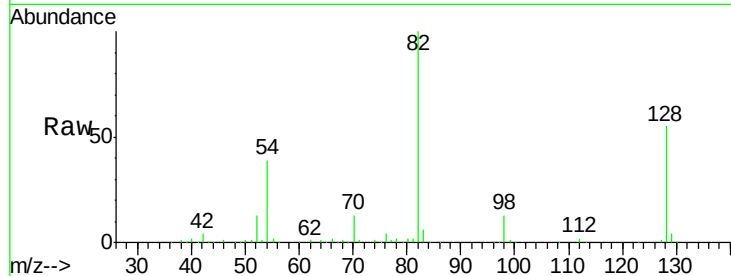




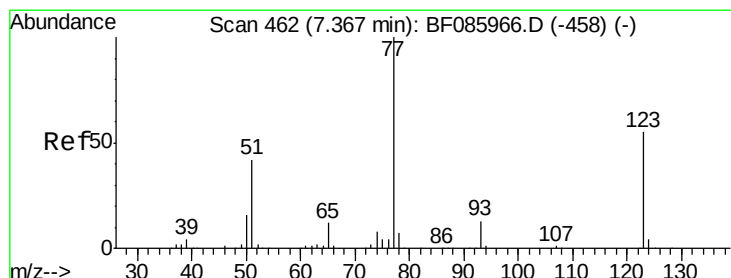
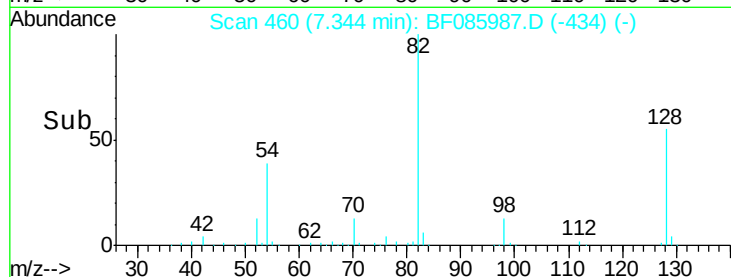
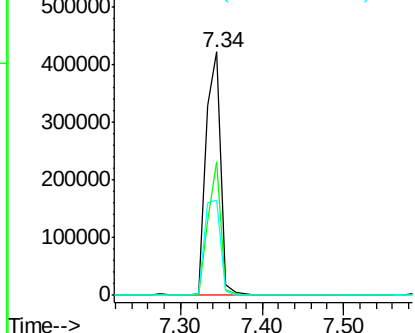
#23
 Nitrobenzene-d5
 Concen: 76.16 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion: 82 Resp: 539394
 Ion Ratio Lower Upper
 82 100
 128 55.1 41.8 62.8
 54 39.3 33.4 50.0

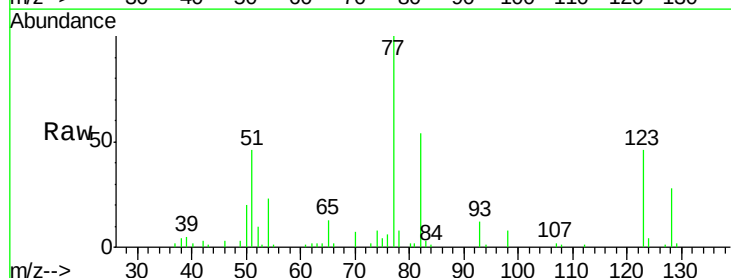


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

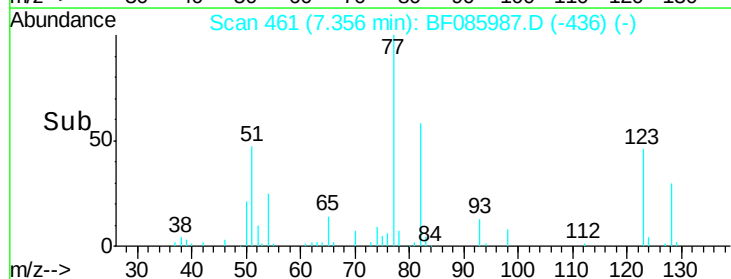
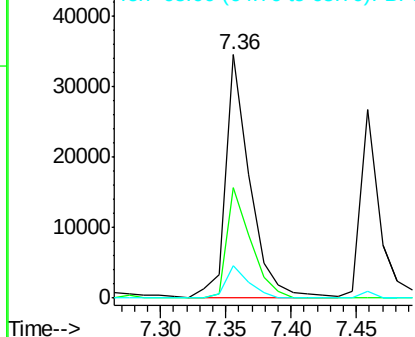


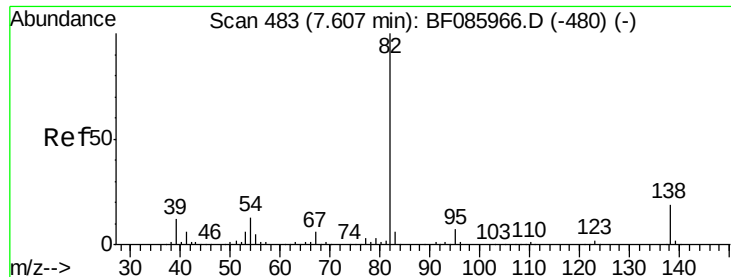
#24
 Nitrobenzene
 Concen: 5.82 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion: 77 Resp: 45074
 Ion Ratio Lower Upper
 77 100
 123 45.5 35.0 52.4
 65 13.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 5.90 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

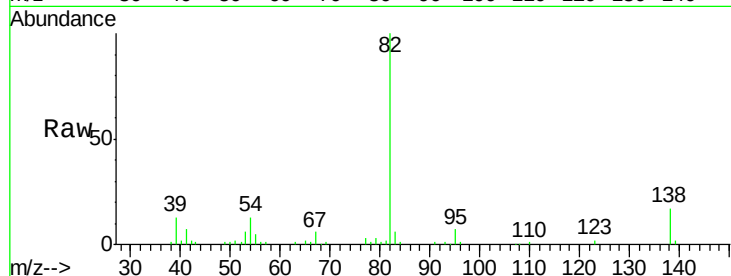
Tot Ion: 82 Resp: 82448

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

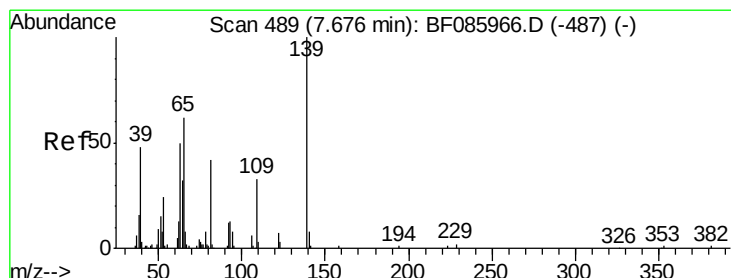
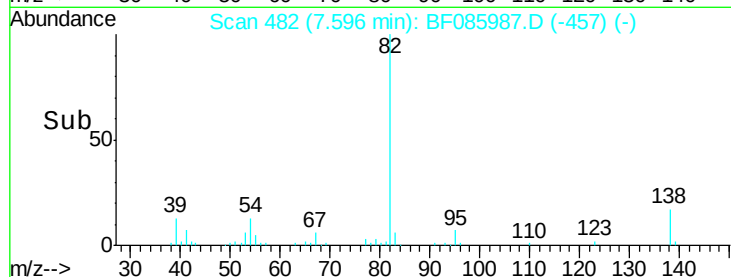
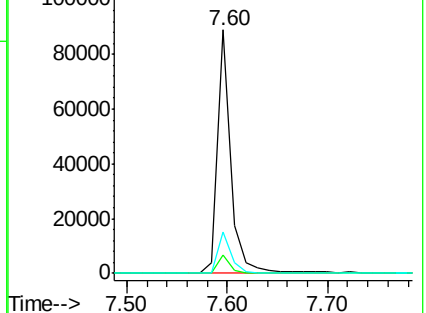
138 17.0 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 4.78 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

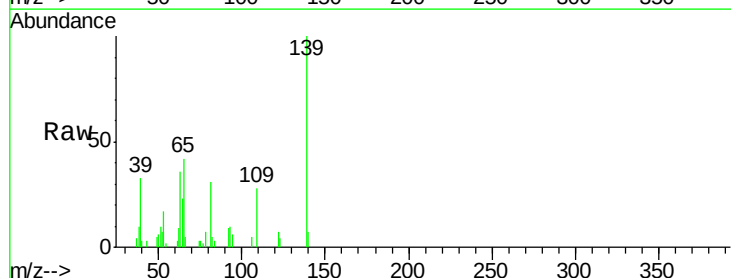
Tgt Ion: 139 Resp: 17720

Ion Ratio Lower Upper

139 100

109 28.1 22.1 33.1

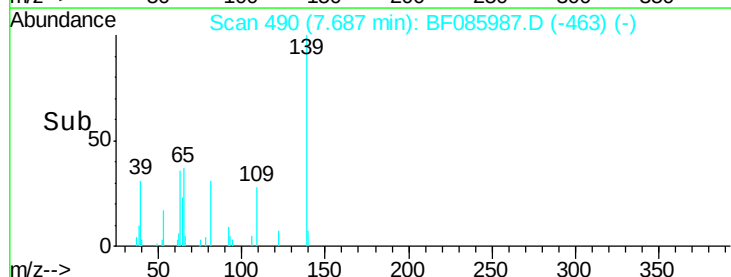
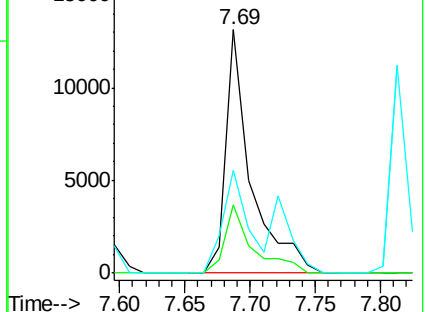
65 42.3 33.9 50.9

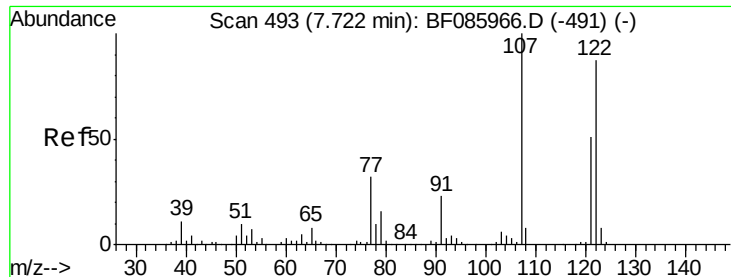


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

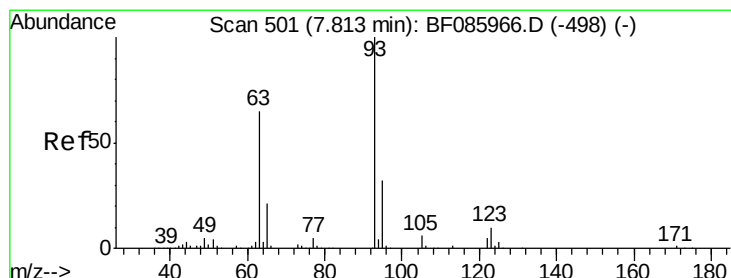
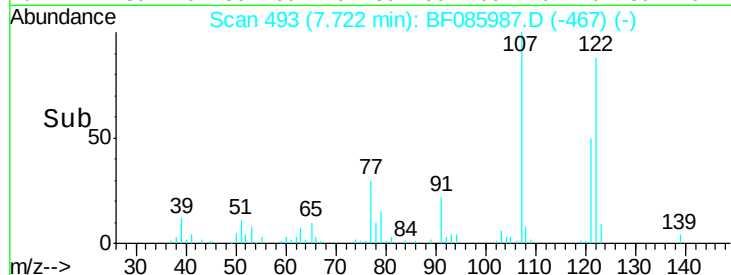
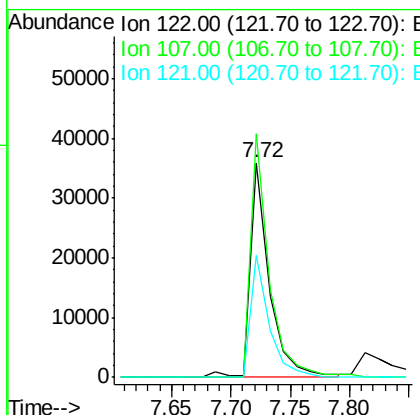
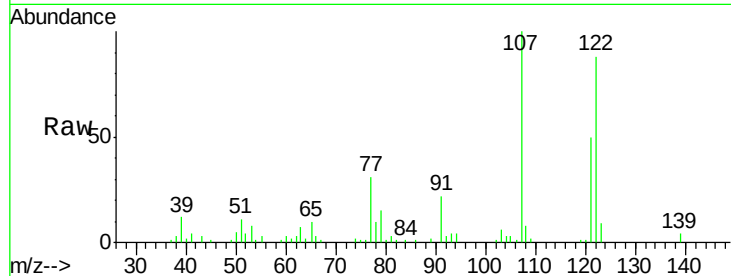




#27
 2,4-Dimethylphenol
 Concen: 6.06 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

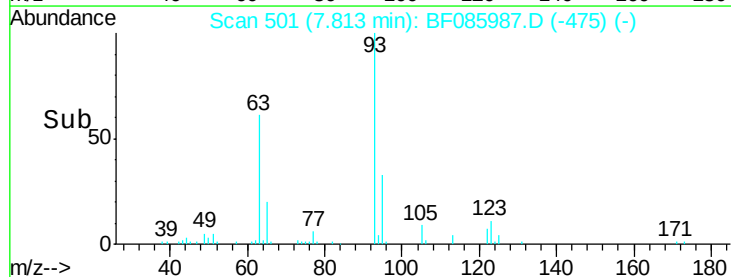
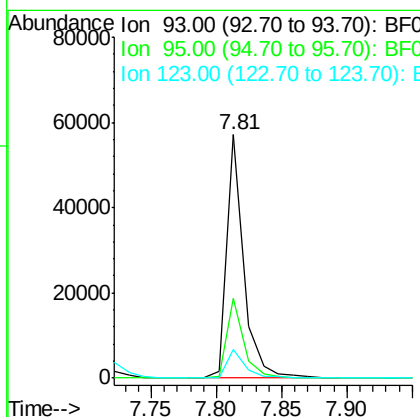
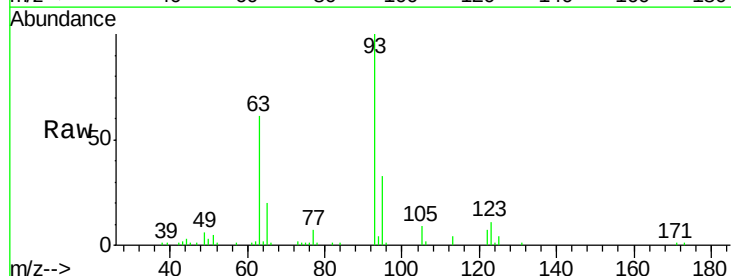
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

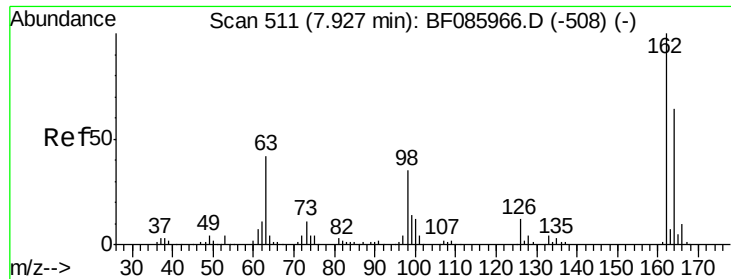
Tot Ion:122 Resp: 40351
 Ion Ratio Lower Upper
 122 100
 107 113.5 93.0 139.6
 121 57.1 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.32 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion: 93 Resp: 51850
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 11.5 9.8 14.6

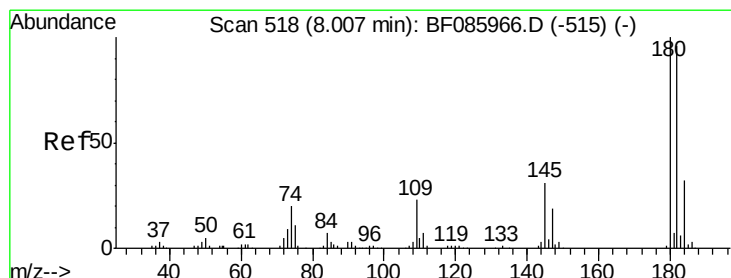
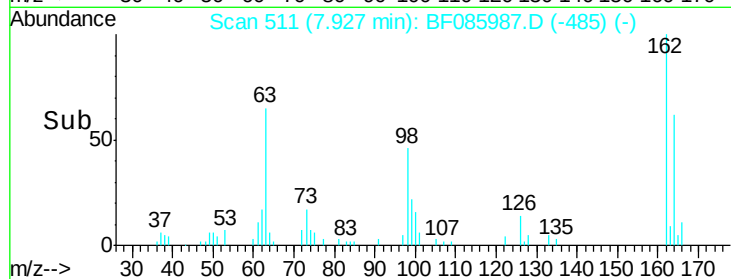
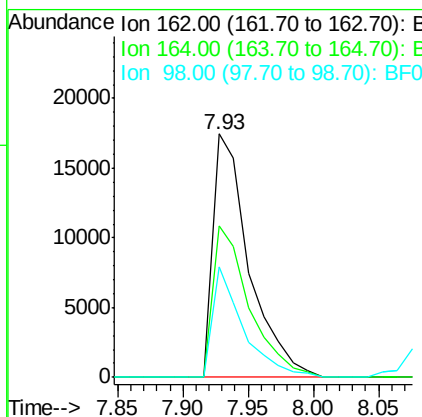
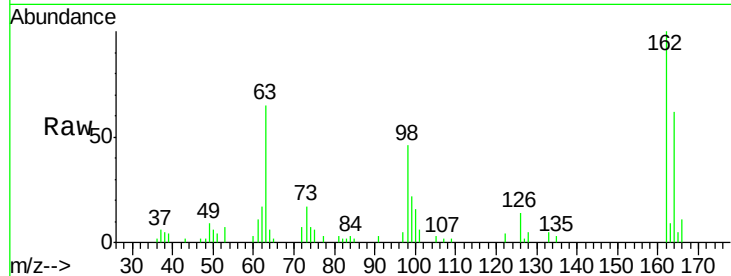




#29
 2,4-Dichlorophenol
 Concen: 5.98 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

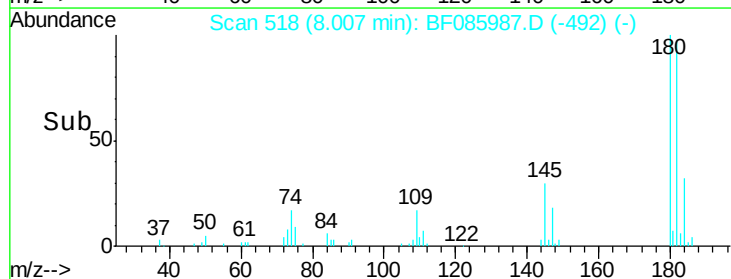
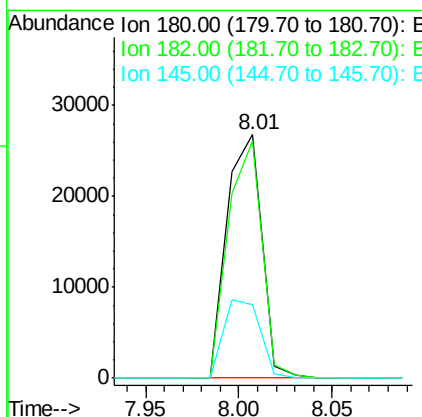
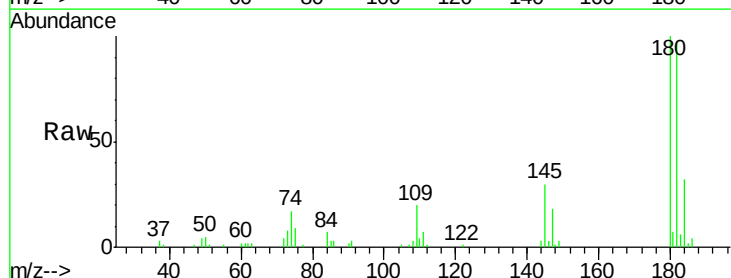
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

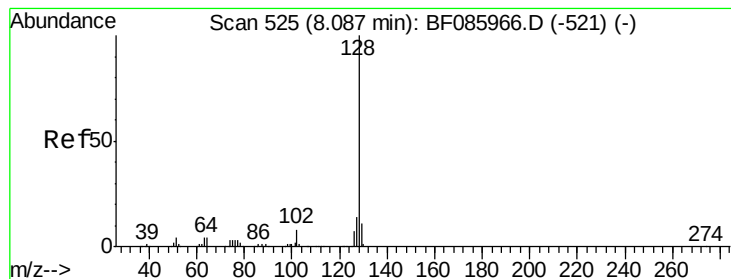
Tot Ion:162 Resp: 33662
 Ion Ratio Lower Upper
 162 100
 164 62.3 43.7 83.7
 98 45.6 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 5.55 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:180 Resp: 35086
 Ion Ratio Lower Upper
 180 100
 182 97.3 73.8 110.8
 145 30.3 28.4 42.6





#31

Naphthalene

Concen: 6.14 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

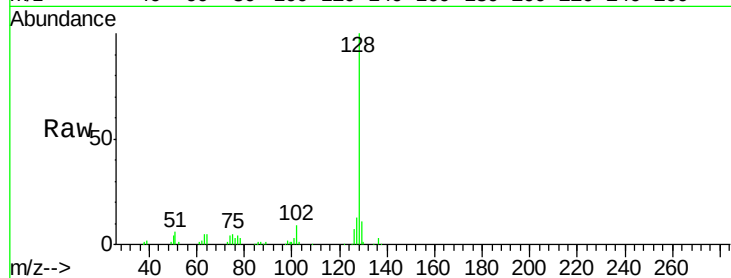
Tot Ion:128 Resp: 128941

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

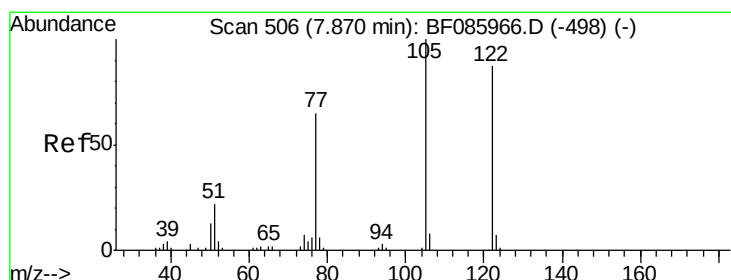
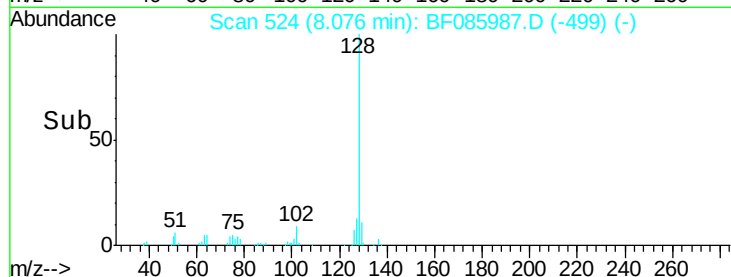
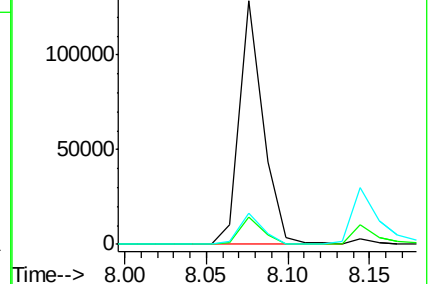
127 12.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.75 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

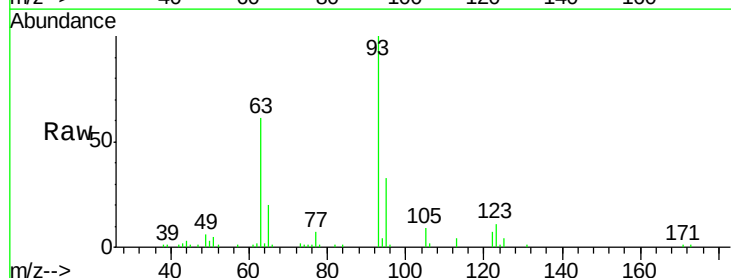
Tgt Ion:122 Resp: 13409

Ion Ratio Lower Upper

122 100

105 123.5 102.9 142.9

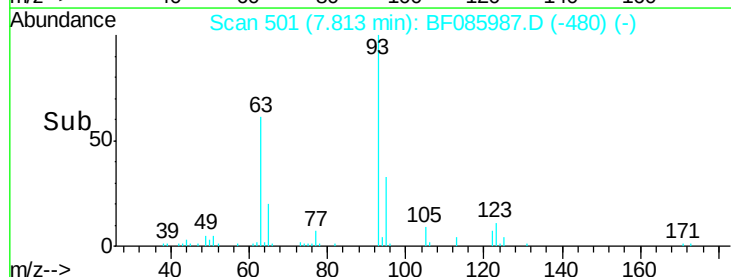
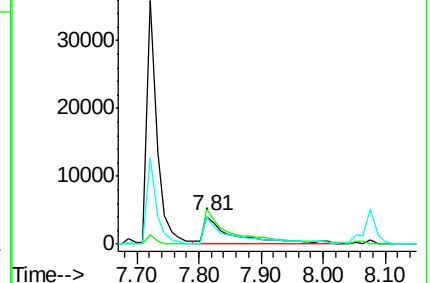
77 99.3 71.8 111.8

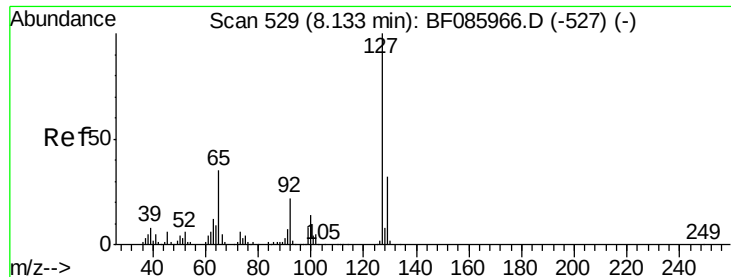


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

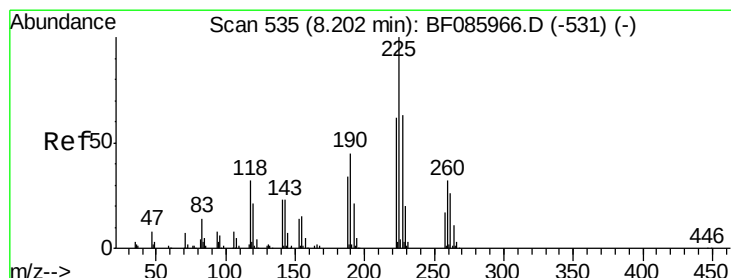
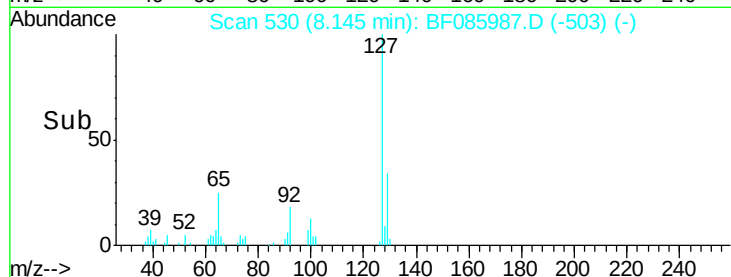
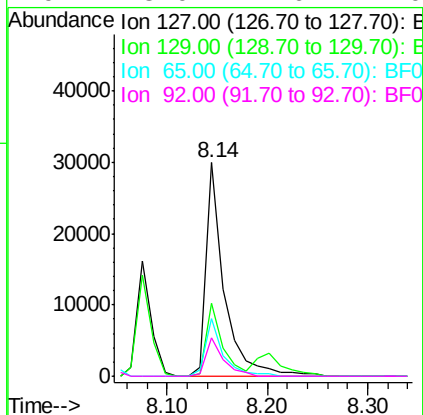
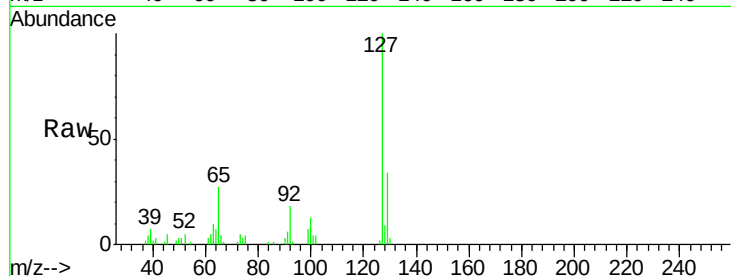




#33
4-Chloroaniline
Concen: 4.43 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

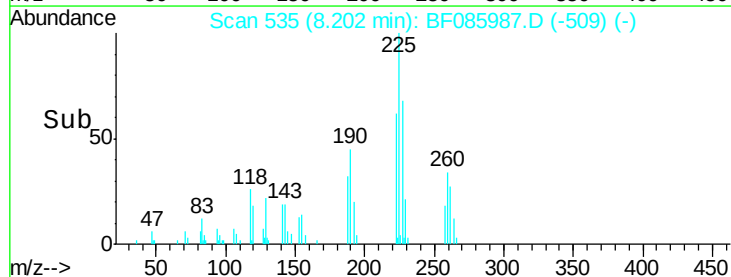
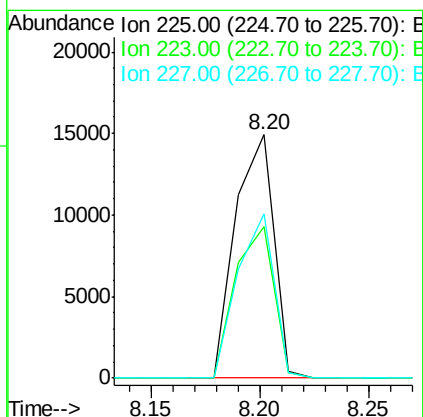
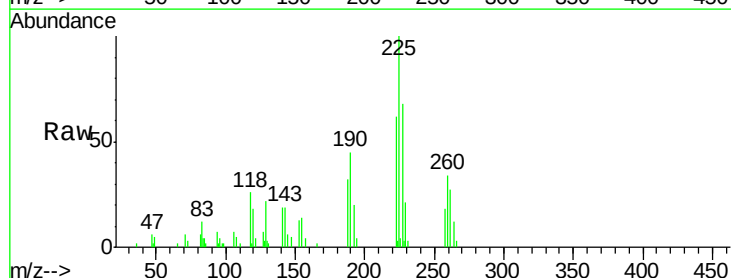
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

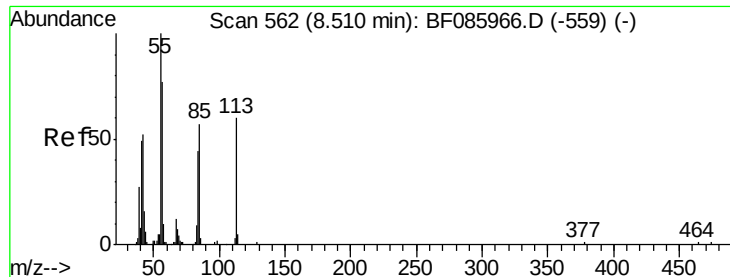
Tot Ion:127	Resp:	37562
Ion Ratio	Lower	Upper
127	100	
129	34.3	26.1 39.1
65	26.9	19.5 29.3
92	18.0	14.6 22.0



#34
Hexachlorobutadiene
Concen: 5.37 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:225	Resp:	18258
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.4 75.6
227	67.6	51.4 77.2

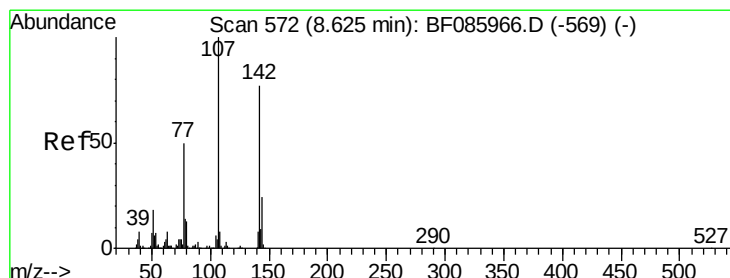
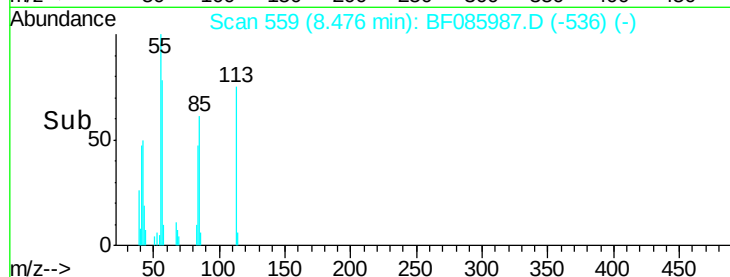
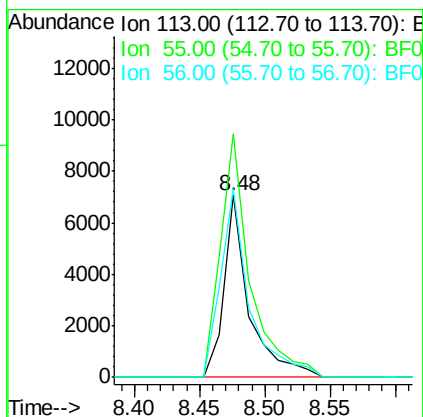
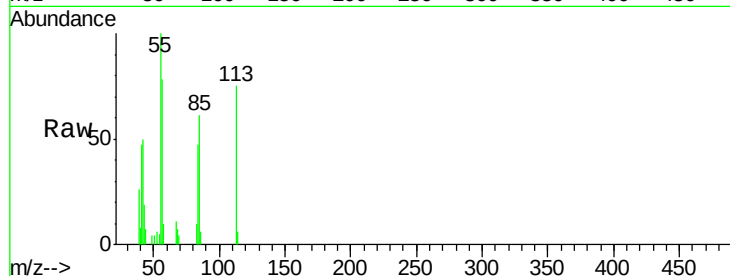




#35
 Caprolactam
 Concen: 5.31 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

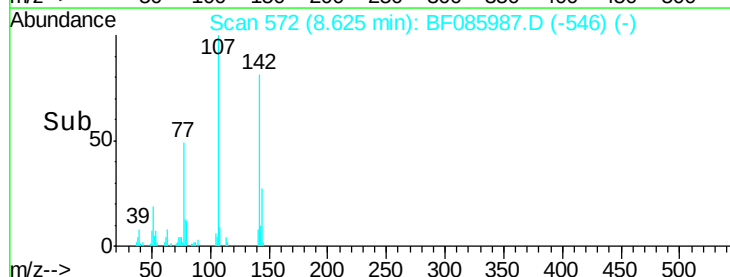
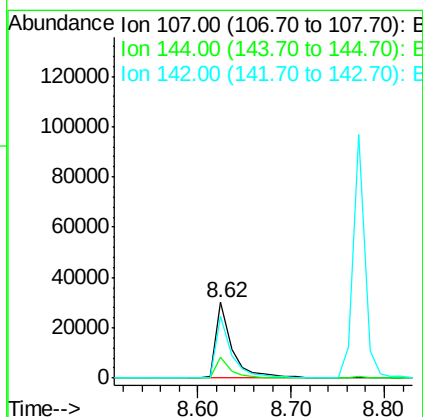
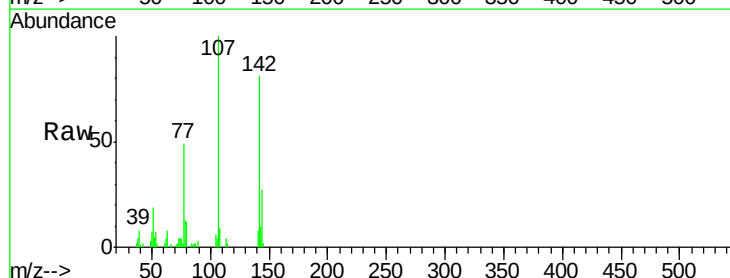
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

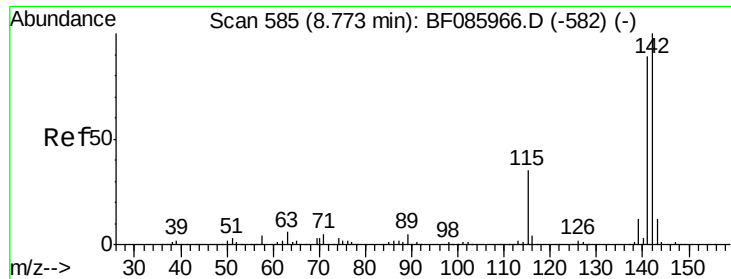
Tot Ion:113 Resp: 9483
 Ion Ratio Lower Upper
 113 100
 55 134.0 139.4 179.4#
 56 103.9 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 5.73 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:107 Resp: 36268
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.3 28.9
 142 81.0 61.4 92.0

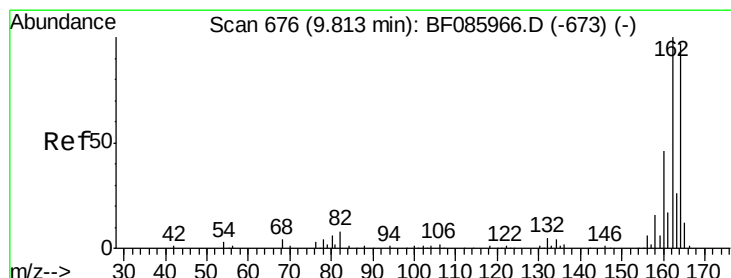
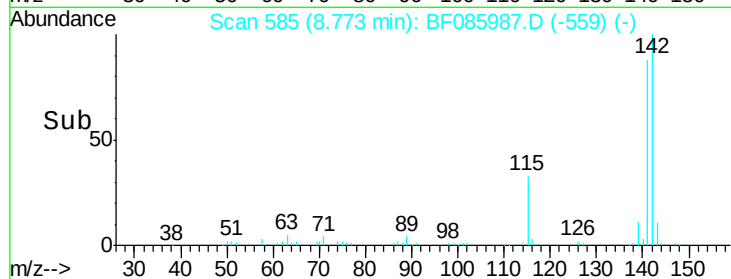
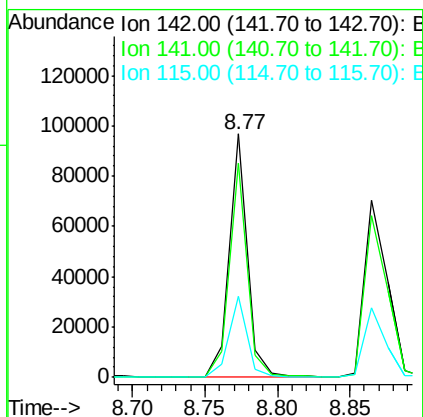
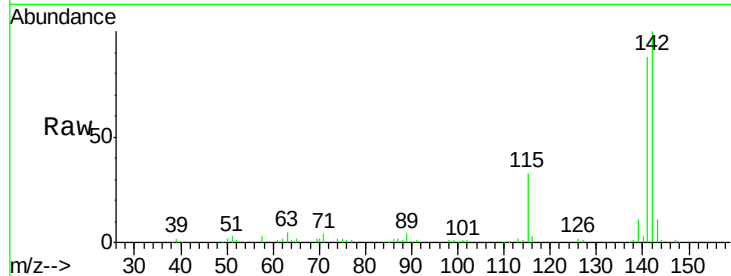




#37
 2-Methylnaphthalene
 Concen: 6.14 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

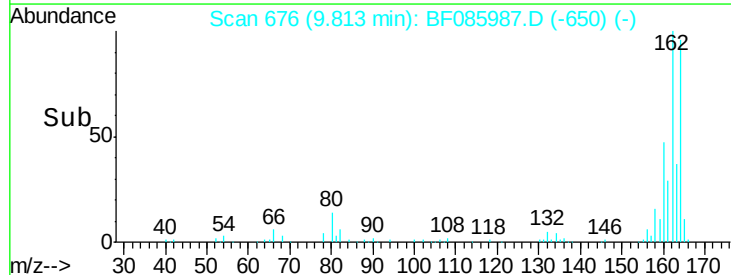
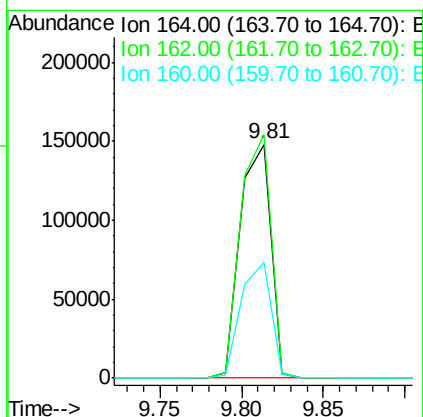
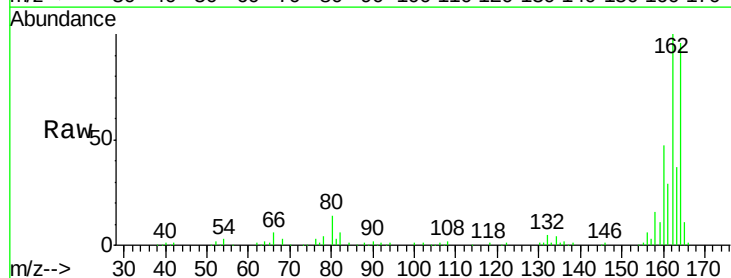
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

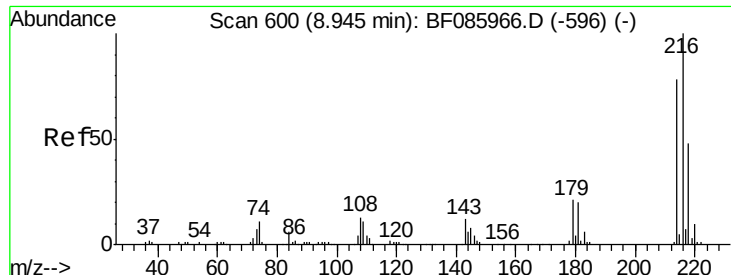
Tot Ion:142 Resp: 84235
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.6 107.4
 115 33.1 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:164 Resp: 192778
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.1 123.1
 160 49.2 37.4 56.2

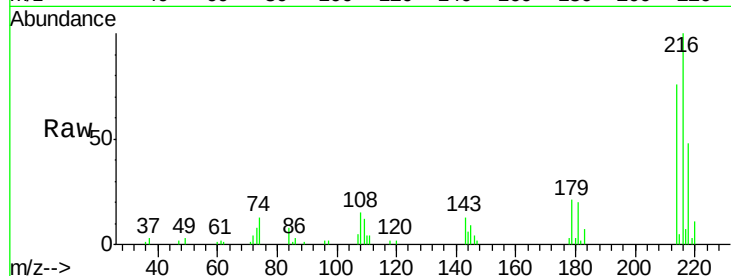




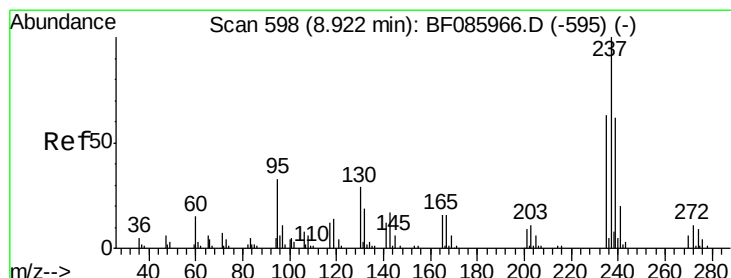
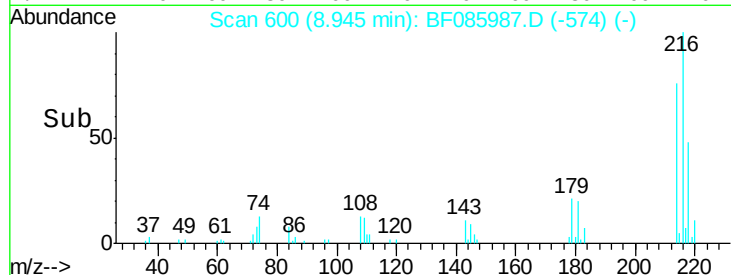
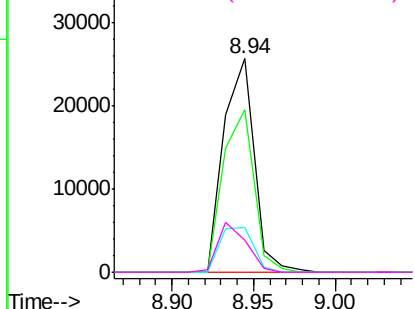
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.71 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:216	Resp:	33056
Ion Ratio	Lower	Upper
216	100	
214	76.5	63.1 94.7
179	23.3	18.2 27.2
108	21.9	17.3 25.9

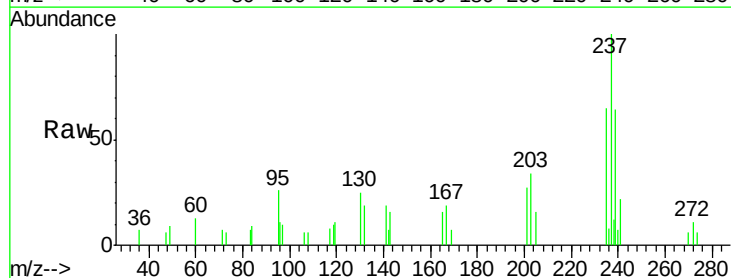


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

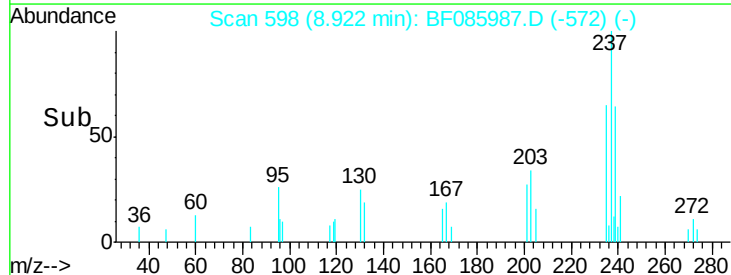
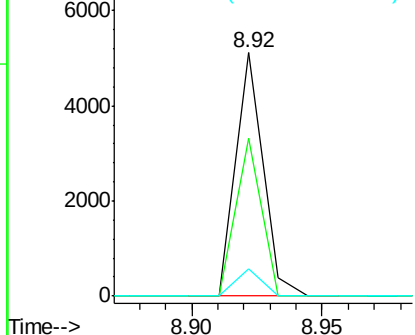


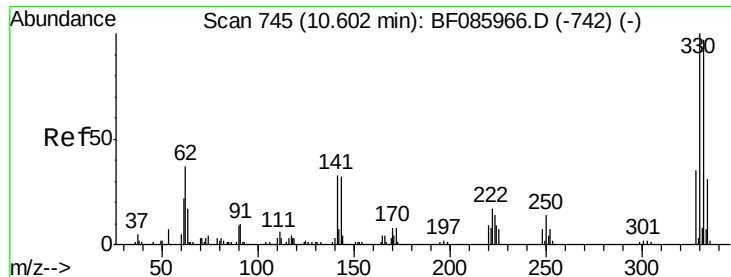
#40
 Hexachlorocyclopentadiene
 Concen: 7.81 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:237	Resp:	3779
Ion Ratio	Lower	Upper
237	100	
235	64.8	43.7 83.7
272	11.3	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

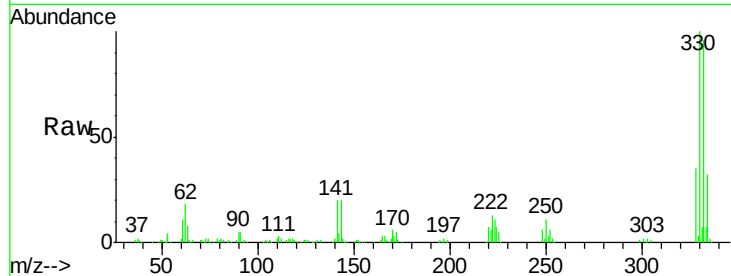




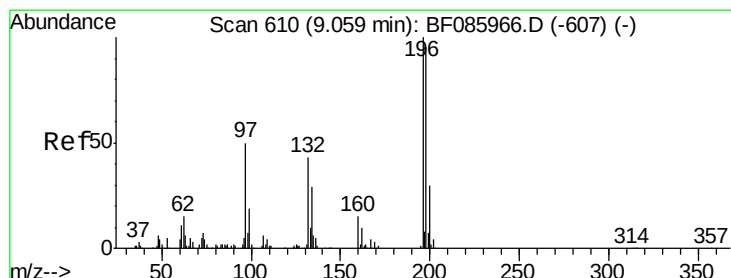
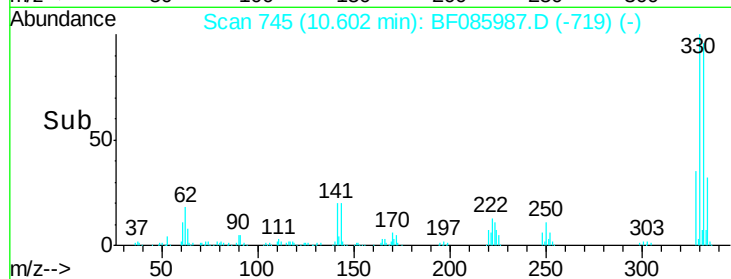
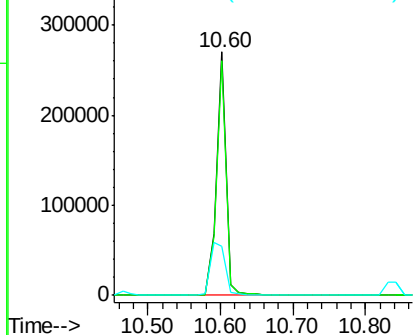
#41
 2,4,6-Tribromophenol
 Concen: 137.28 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	33.8	31.5	47.3

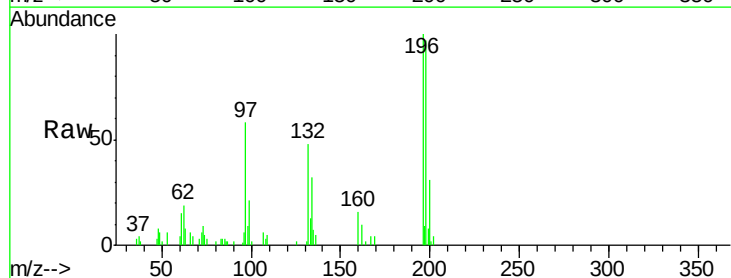


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

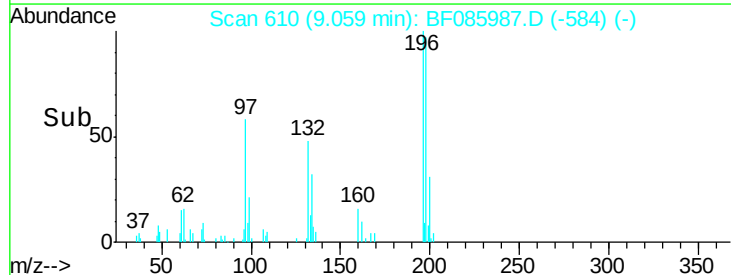
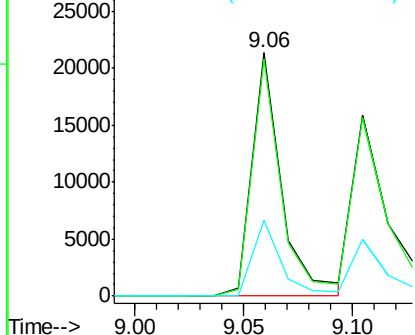


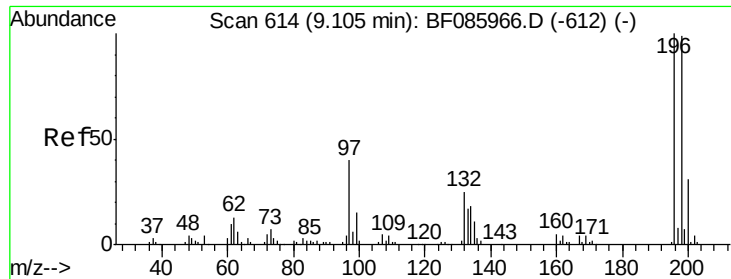
#42
 2,4,6-Trichlorophenol
 Concen: 5.45 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.3	112.9
200	30.9	23.7	35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

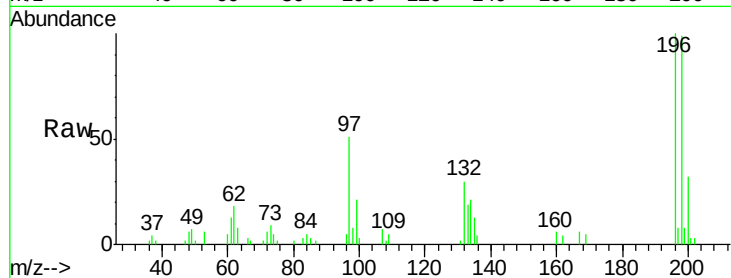




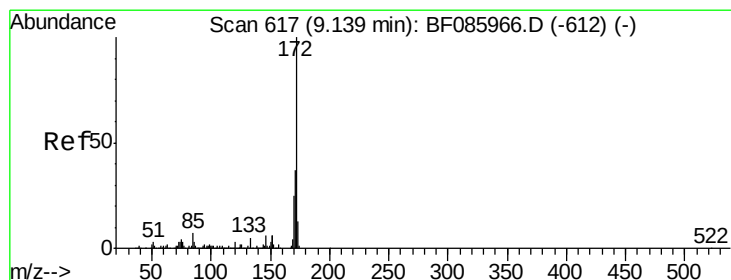
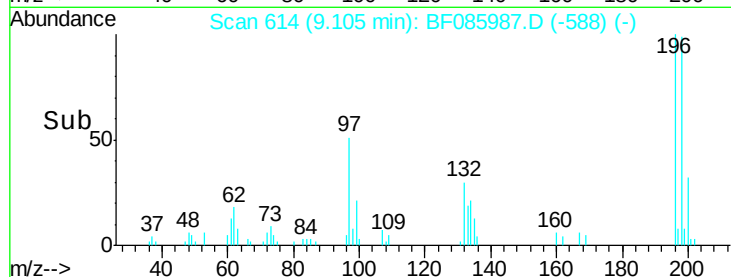
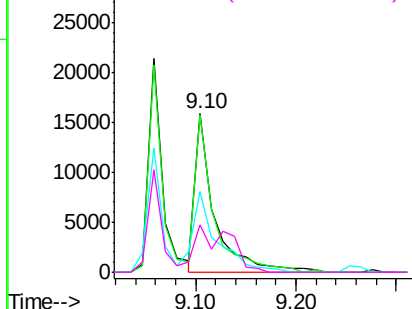
#43
 2,4,5-Trichlorophenol
 Concen: 5.76 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:196 Resp: 21759
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.6 114.8
 97 50.8 30.5 45.7#
 132 30.0 20.2 30.2

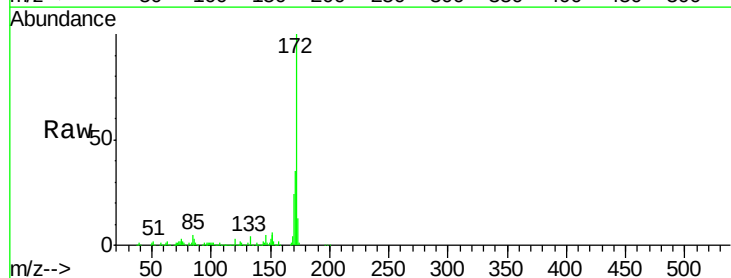


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

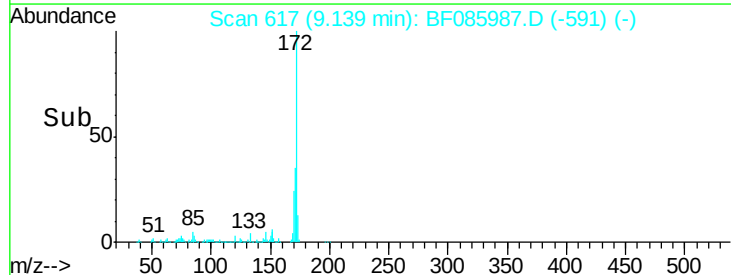
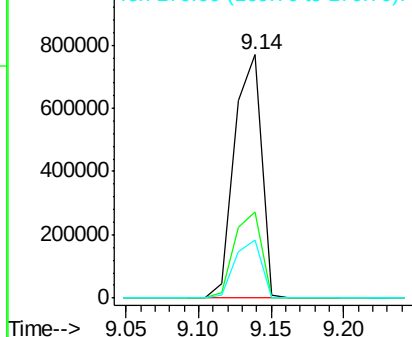


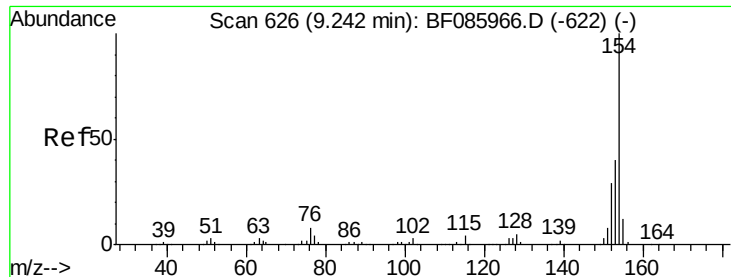
#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:172 Resp: 996587
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 24.1 19.8 29.6



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

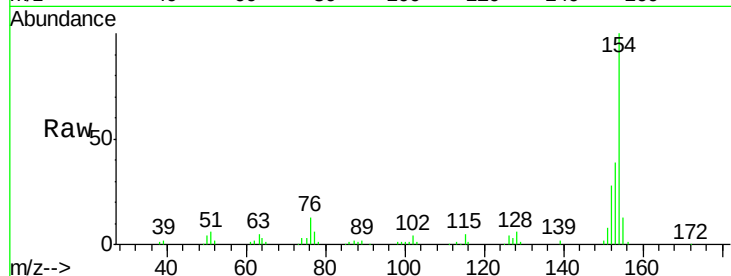




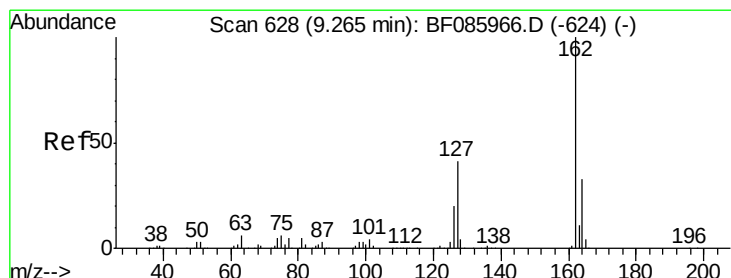
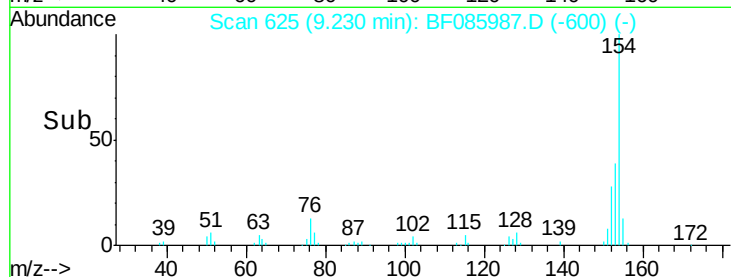
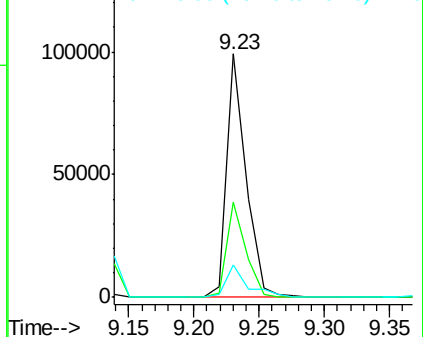
#45
1,1'-Biphenyl
Concen: 6.14 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:154 Resp: 102086
Ion Ratio Lower Upper
154 100
153 38.8 20.8 60.8
76 13.4 0.0 36.7

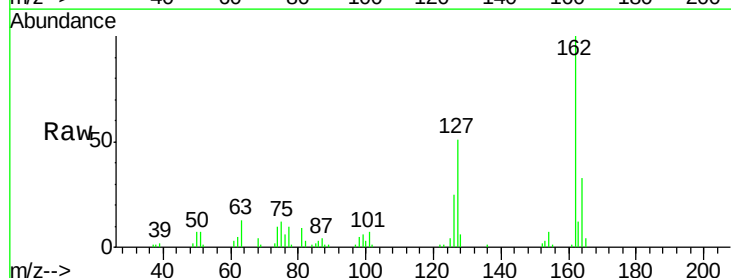


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

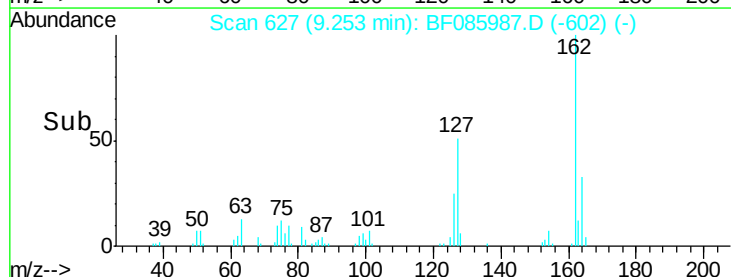
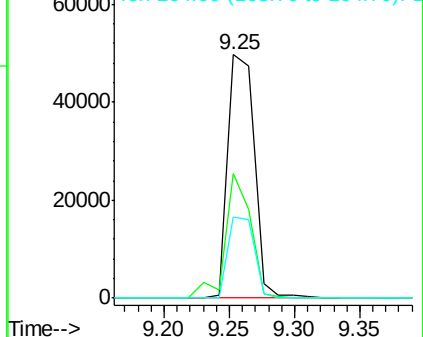


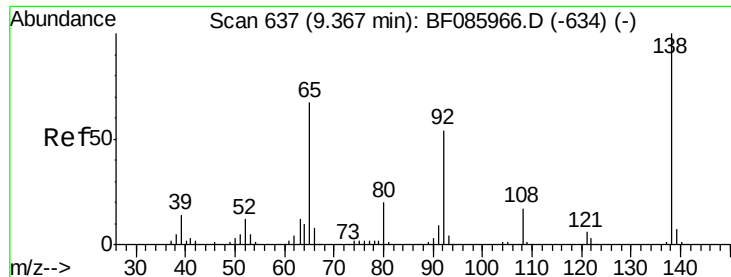
#46
2-Chloronaphthalene
Concen: 5.81 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:162 Resp: 69974
Ion Ratio Lower Upper
162 100
127 51.1 31.7 47.5#
164 33.1 27.3 40.9



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

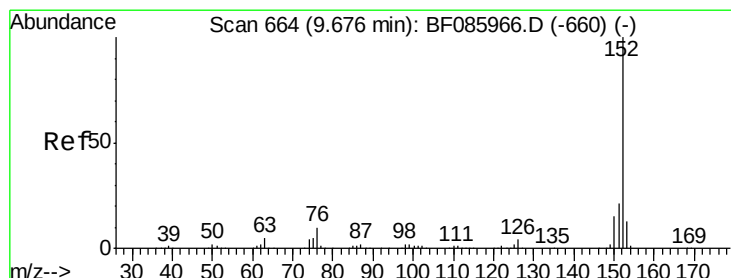
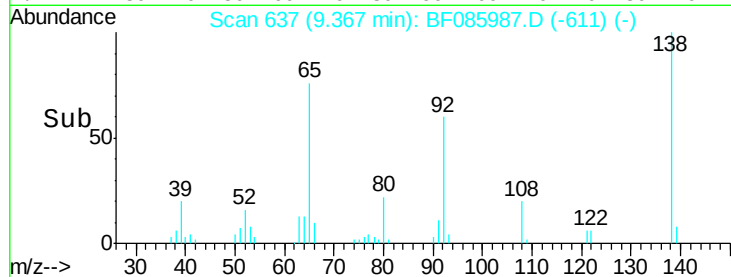
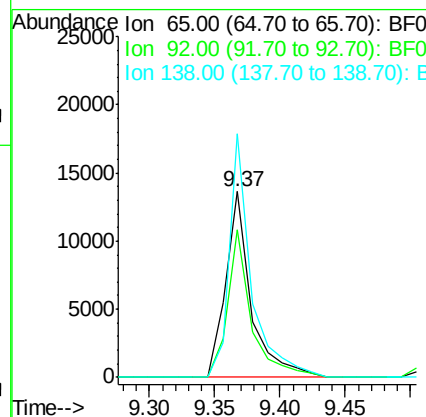
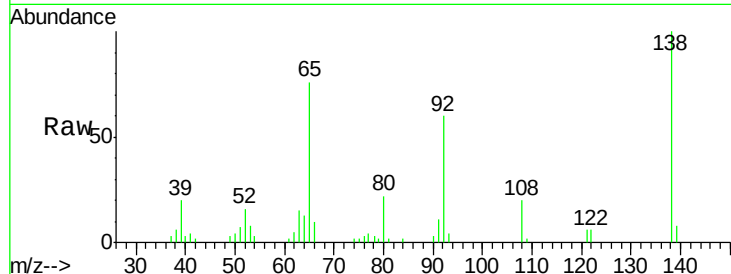




#47
 2-Nitroaniline
 Concen: 5.27 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

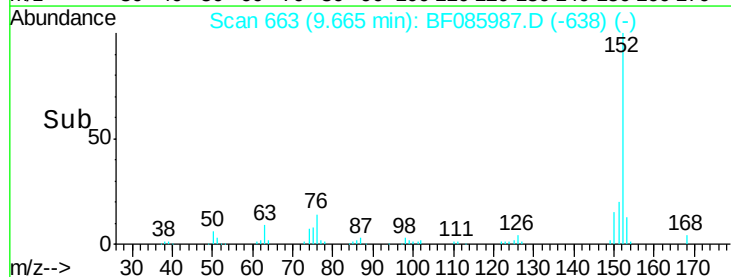
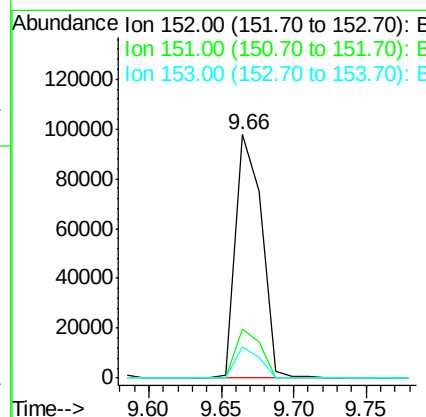
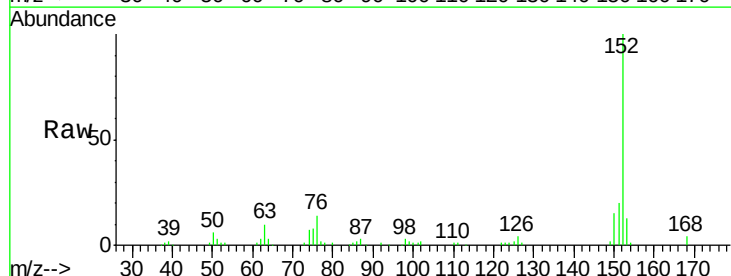
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

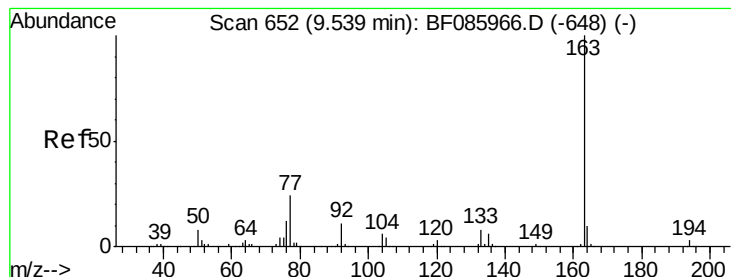
Tot Ion: 65 Resp: 18584
 Ion Ratio Lower Upper
 65 100
 92 79.1 59.7 89.5
 138 131.0 91.4 137.0



#48
 Acenaphthylene
 Concen: 6.32 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:152 Resp: 121965
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.0 10.9 16.3





#49

Dimethylphthalate

Concen: 5.84 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

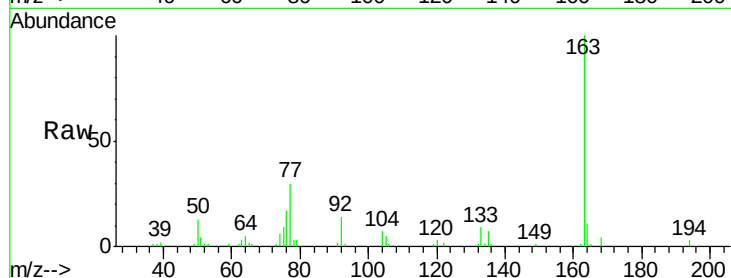
Tot Ion:163 Resp: 83380

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

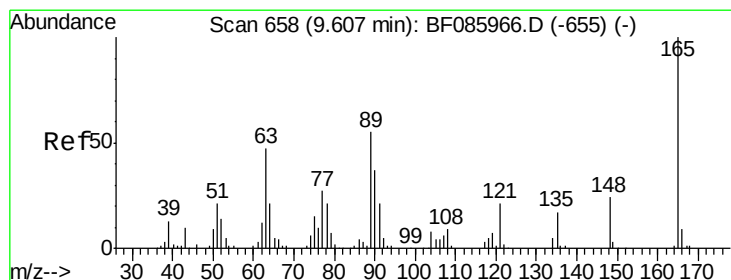
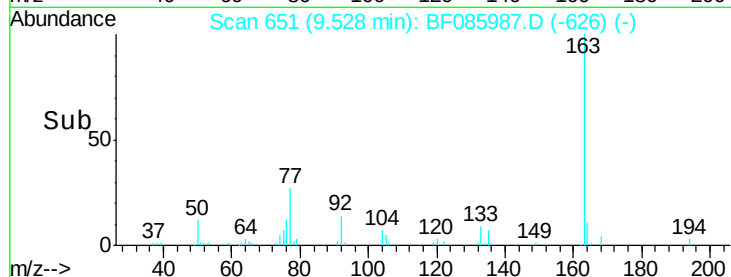
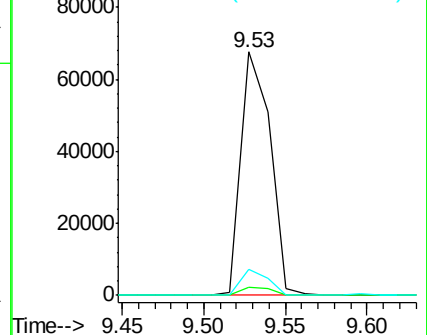
164 10.6 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 5.77 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

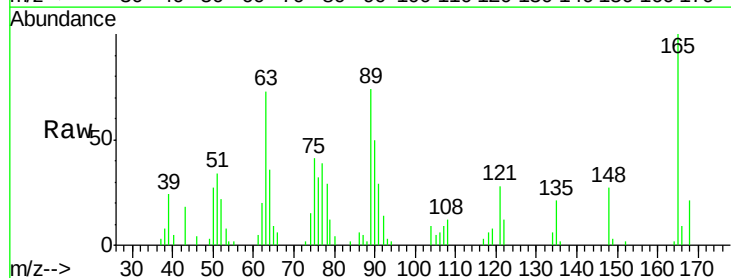
Tgt Ion:165 Resp: 17446

Ion Ratio Lower Upper

165 100

63 72.8 51.8 77.8

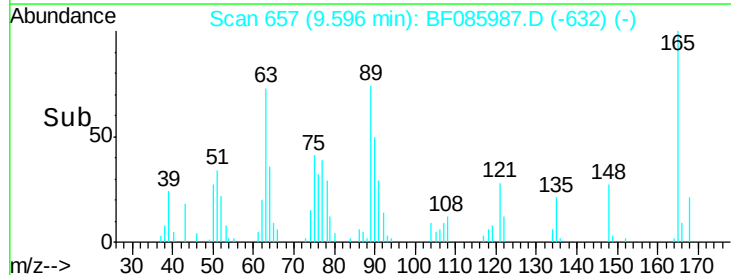
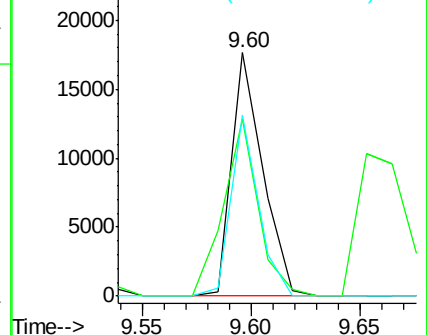
89 74.3 53.7 80.5

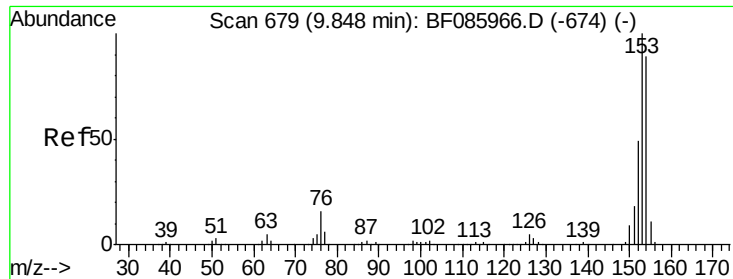


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 6.35 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

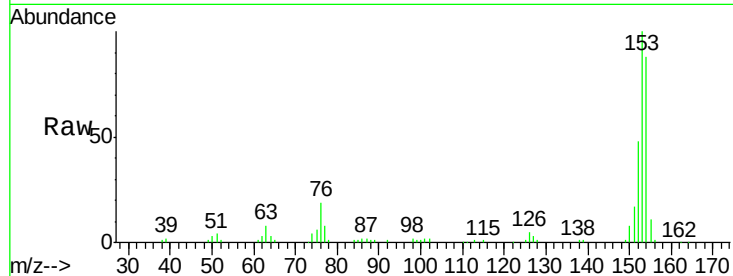
Tot Ion:154 Resp: 72938

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

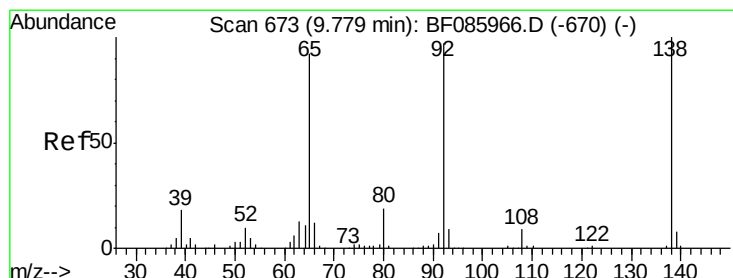
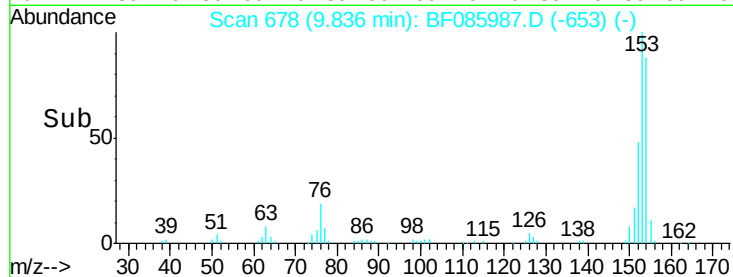
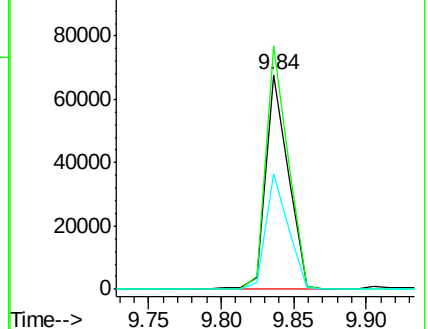
152 54.2 44.2 66.2



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



#52

3-Nitroaniline

Concen: 4.97 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

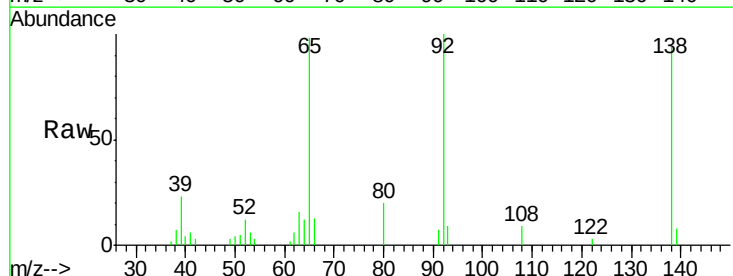
Tgt Ion:138 Resp: 18117

Ion Ratio Lower Upper

138 100

108 9.6 8.7 13.1

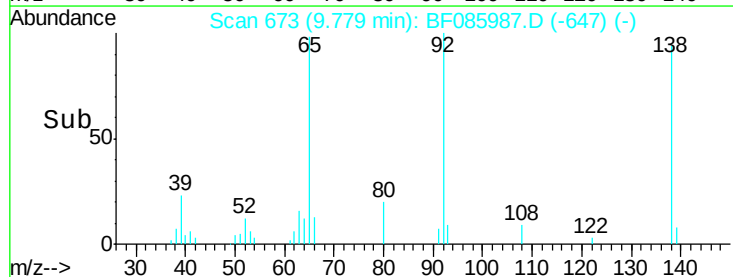
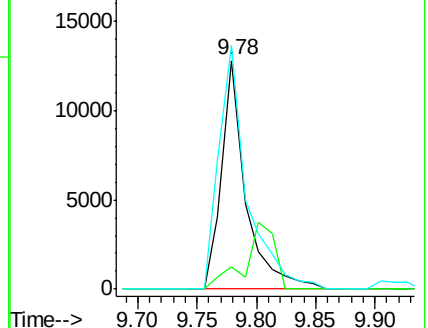
92 106.4 93.3 139.9

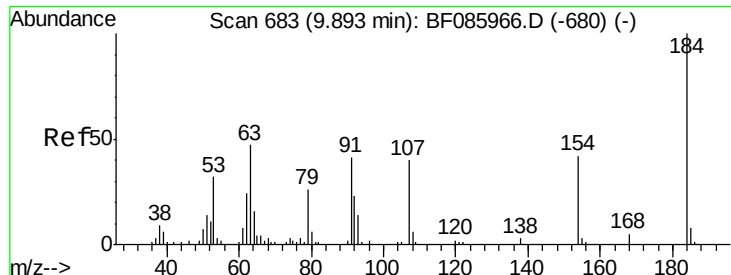


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

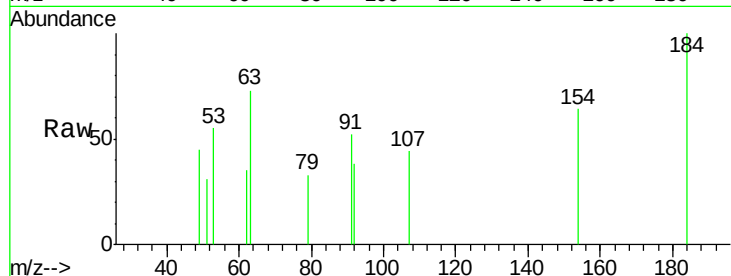




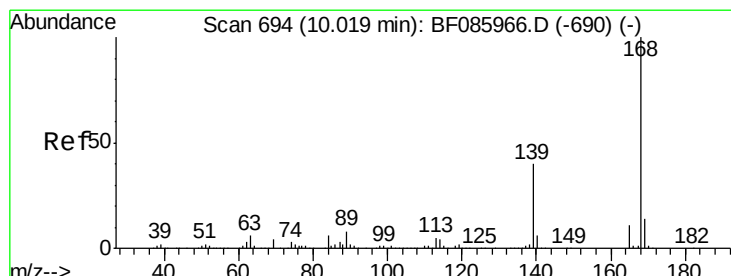
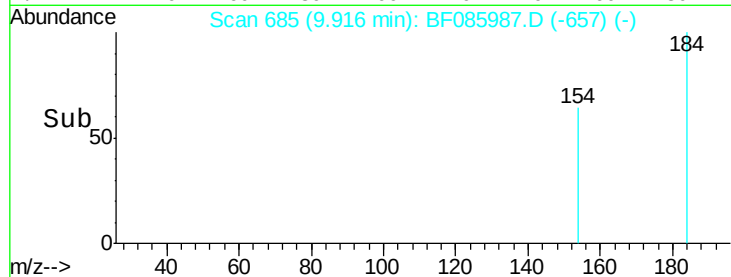
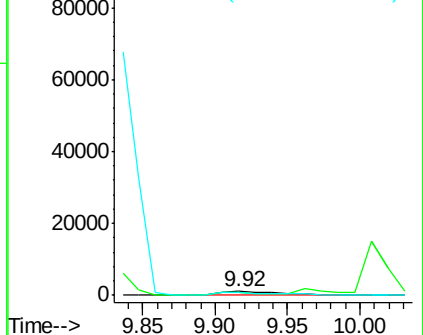
#53
 2,4-Dinitrophenol
 Concen: 4.68 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.02 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:184 Resp: 2968
 Ion Ratio Lower Upper
 184 100
 63 73.0 69.5 104.3
 154 63.8 58.3 87.5

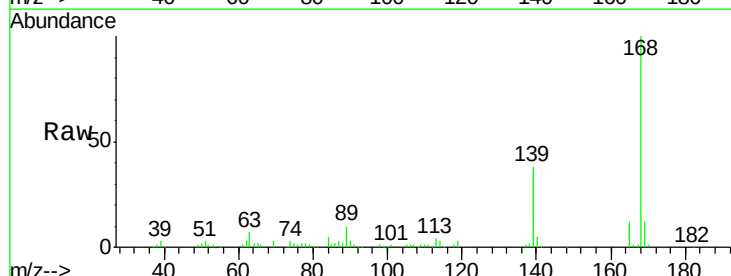


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

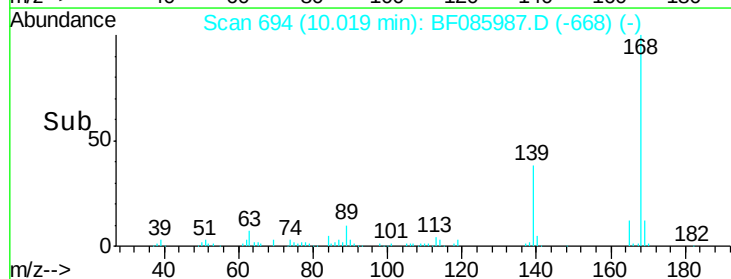
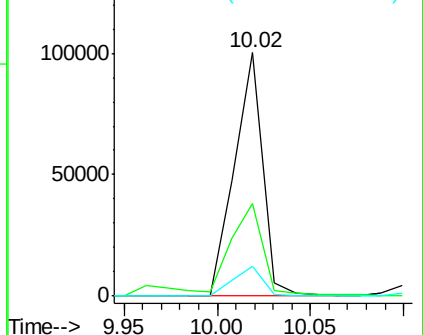


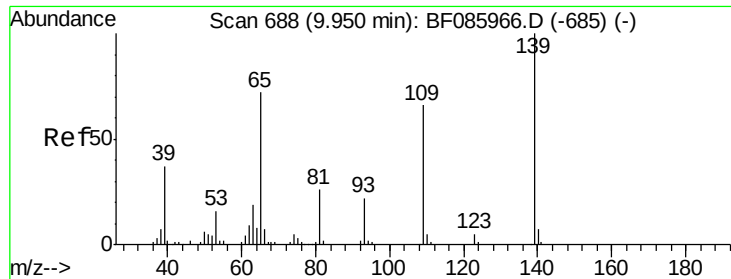
#54
 Dibenzofuran
 Concen: 7.02 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:168 Resp: 106492
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.9 47.9
 169 12.4 11.0 16.6



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





#55

4-Nitrophenol

Concen: 25.29 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

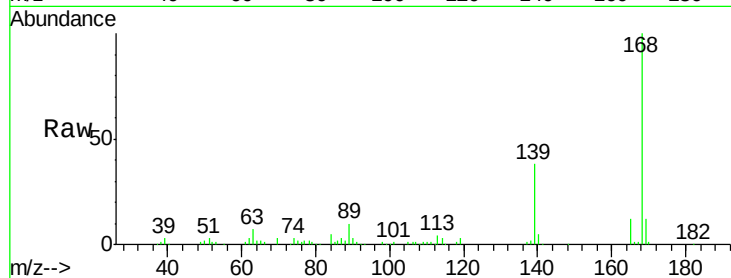
Tot Ion:139 Resp: 54321

Ion Ratio Lower Upper

139 100

109 2.5 49.2 89.2#

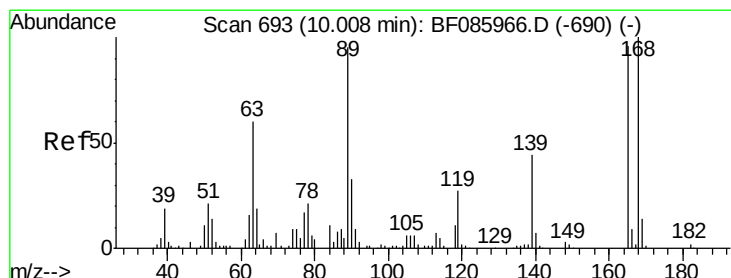
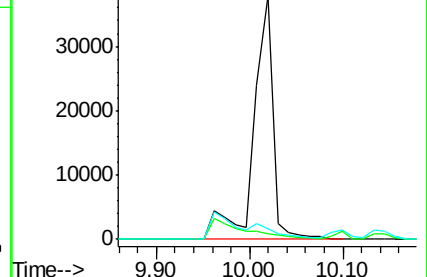
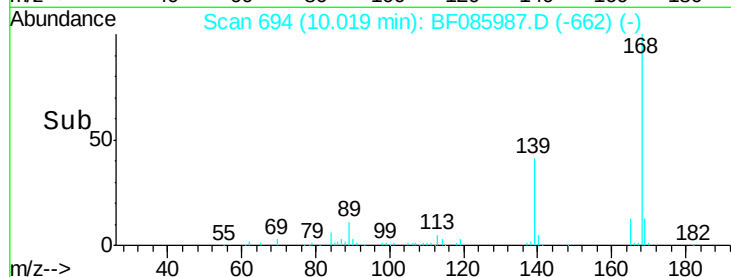
65 4.3 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.08 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion:165 Resp: 23228

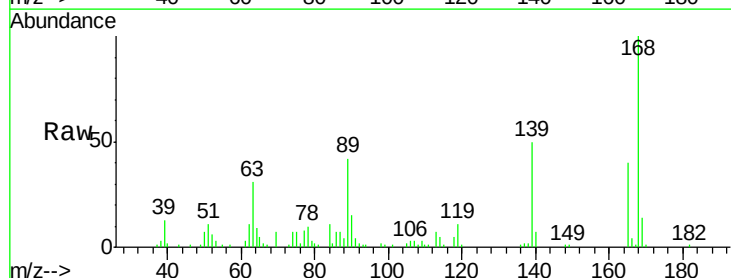
Ion Ratio Lower Upper

165 100

63 79.3 24.9 37.3#

89 106.2 41.0 61.6#

182 2.0 2.1 3.1#

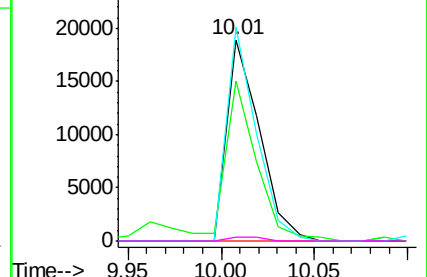
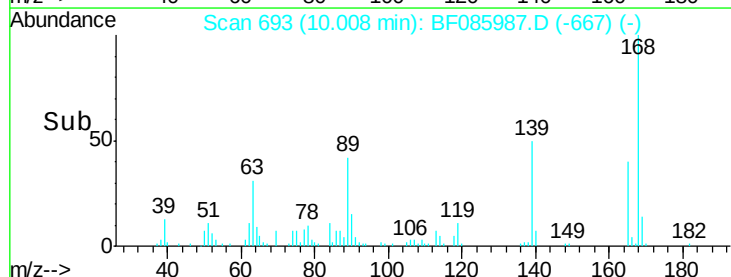


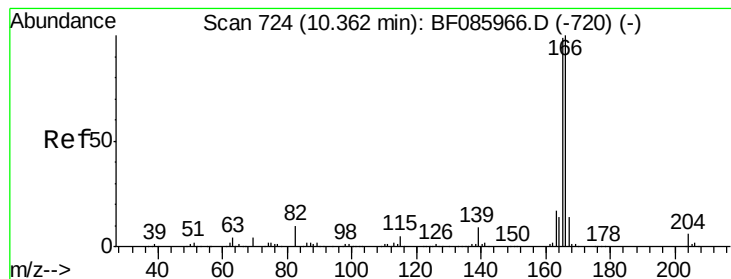
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 6.40 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

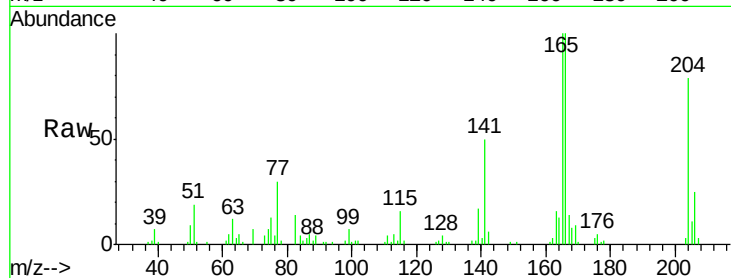
Tot Ion:166 Resp: 82915

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

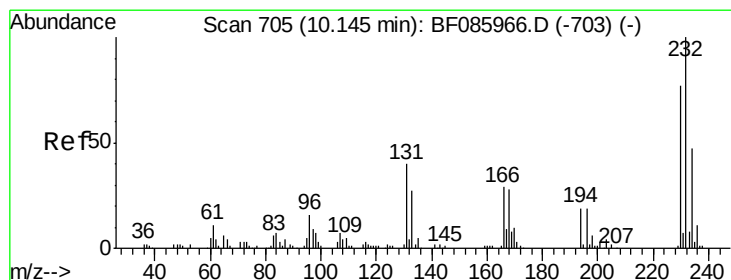
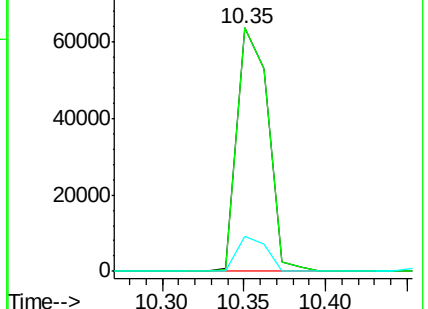
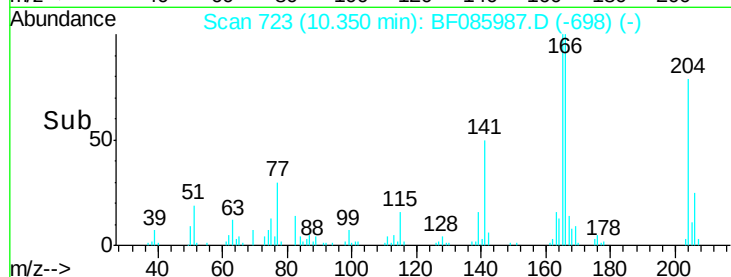
167 14.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 6.35 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion:232 Resp: 17868

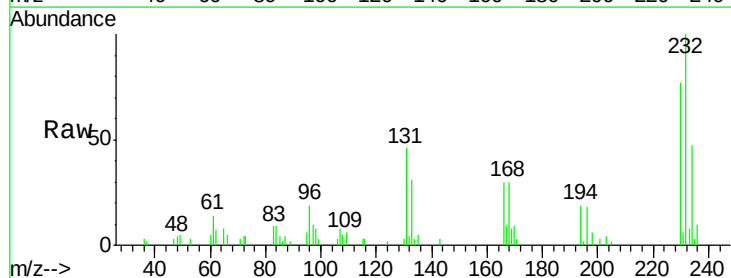
Ion Ratio Lower Upper

232 100

131 56.1 44.9 67.3

130 1.6 2.3 3.5#

166 30.7 28.1 42.1

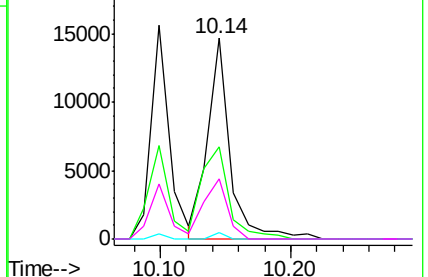
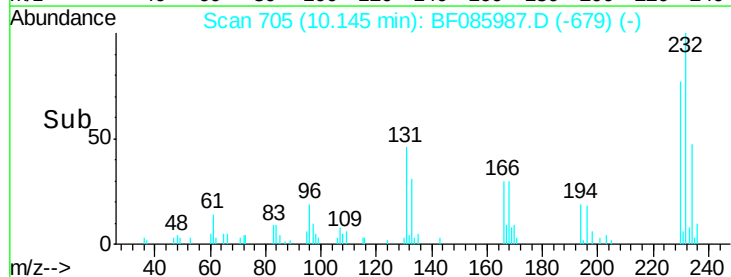


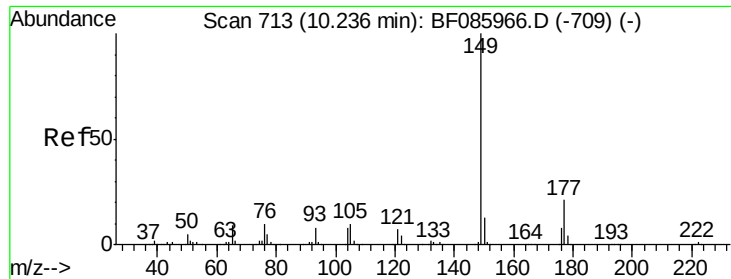
Abundance Ion 232.00 (231.70 to 232.70): E

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

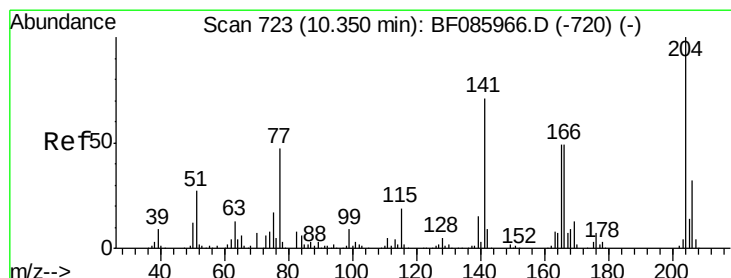
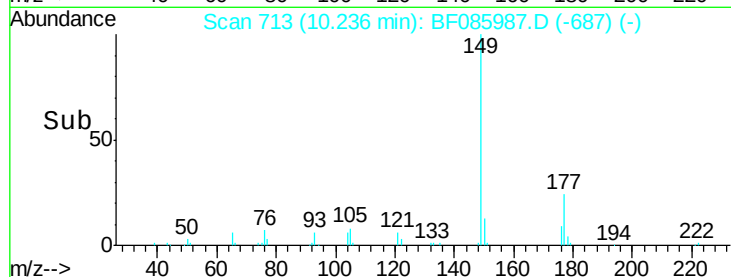
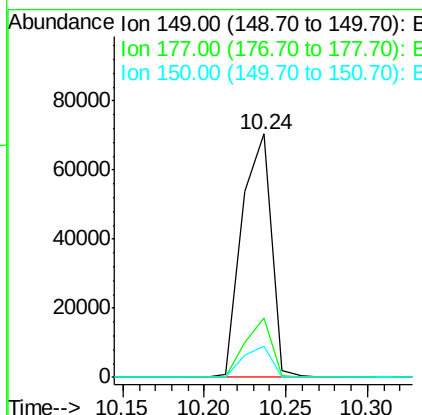
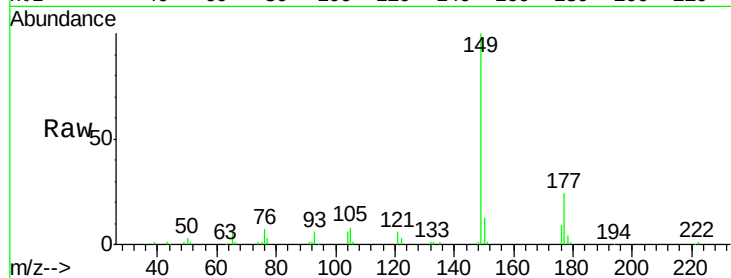




#59
Diethylphthalate
Concen: 6.07 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

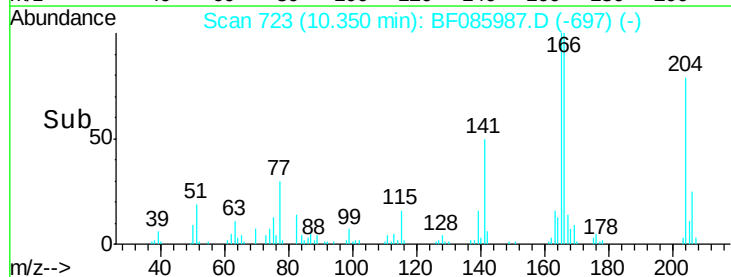
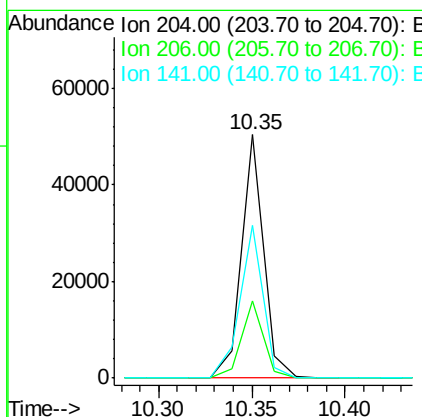
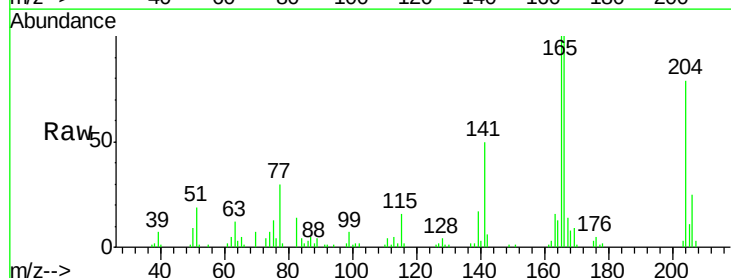
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

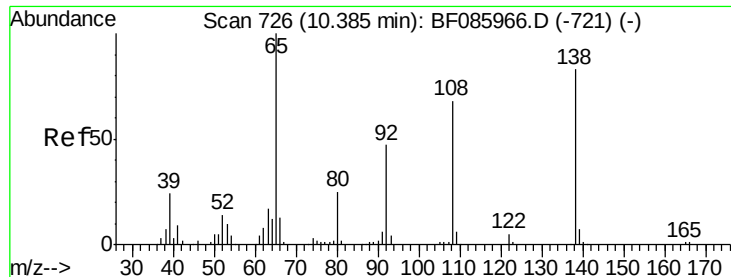
Tot Ion:149 Resp: 87539
Ion Ratio Lower Upper
149 100
177 24.2 17.9 26.9
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 6.93 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:204 Resp: 41829
Ion Ratio Lower Upper
204 100
206 31.5 26.6 39.8
141 62.8 57.4 86.0

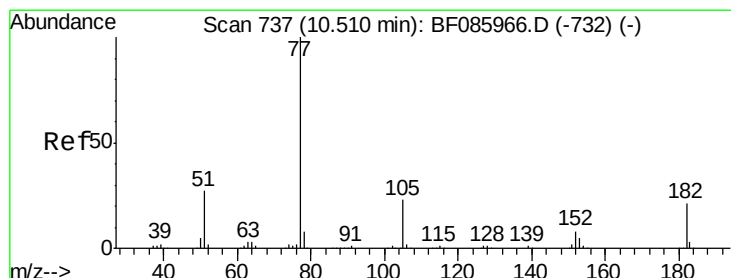
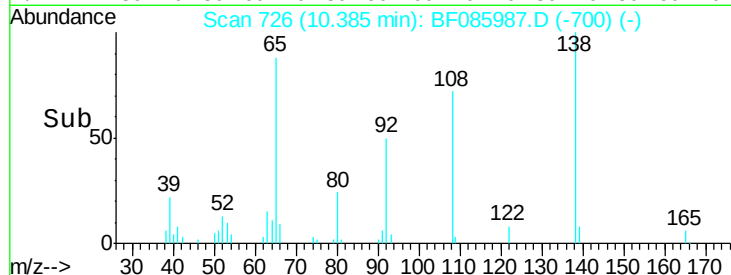
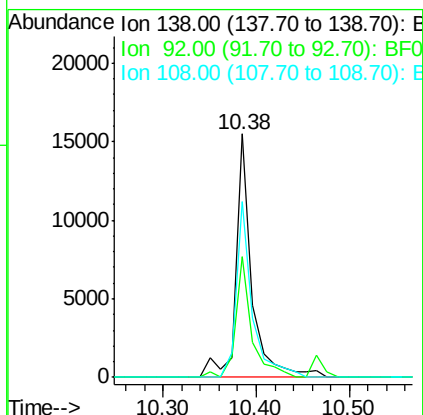
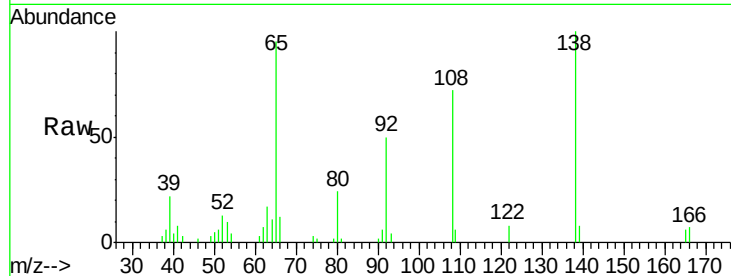




#61
4-Nitroaniline
Concen: 5.22 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

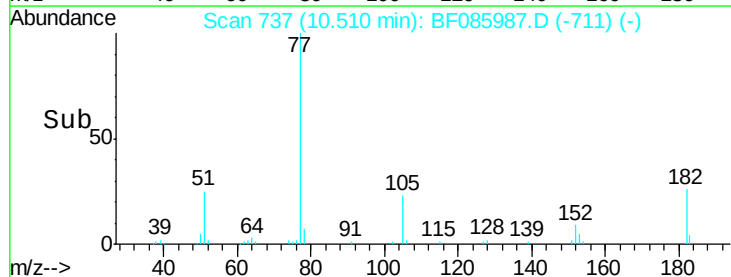
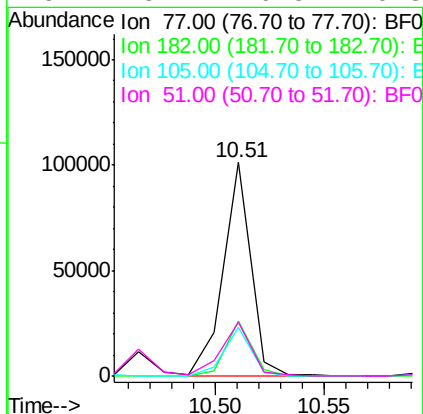
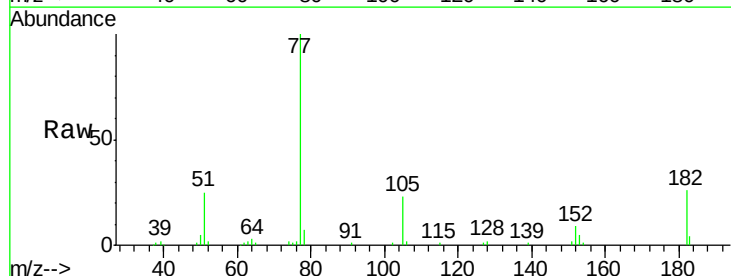
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

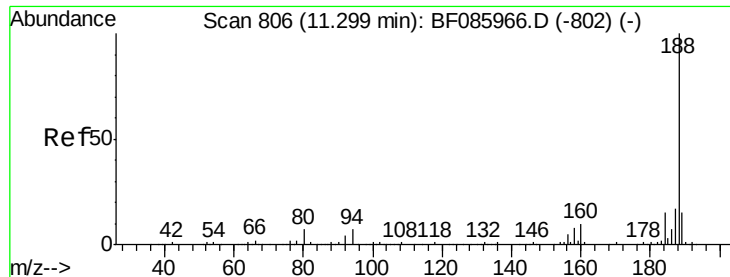
Tot Ion:138 Resp: 18732
Ion Ratio Lower Upper
138 100
92 49.5 26.4 66.4
108 72.0 49.0 89.0



#62
Azobenzene
Concen: 6.45 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion: 77 Resp: 89040
Ion Ratio Lower Upper
77 100
182 25.8 1.9 41.9
105 22.9 3.5 43.5
51 25.1 6.3 46.3

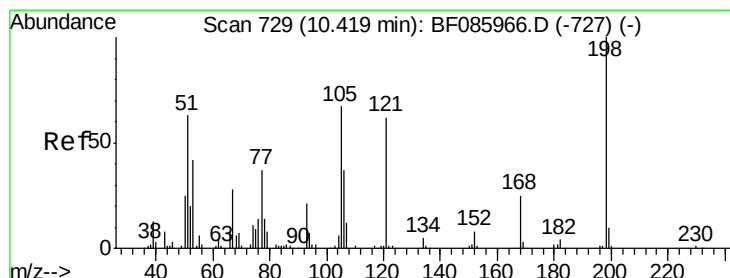
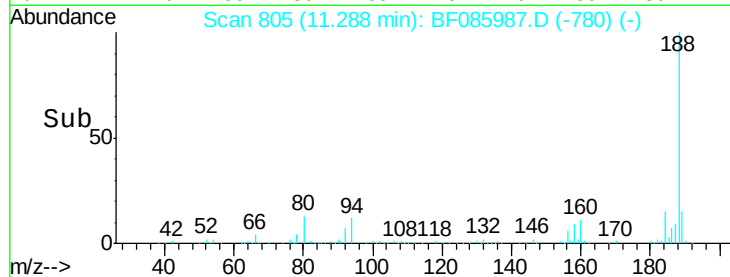
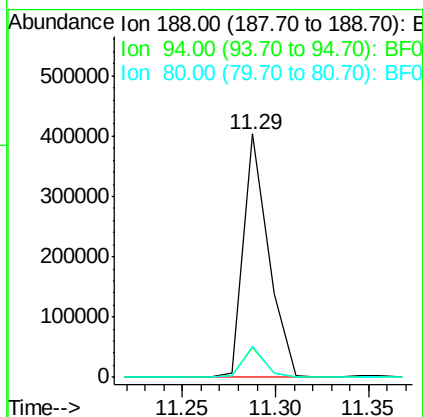
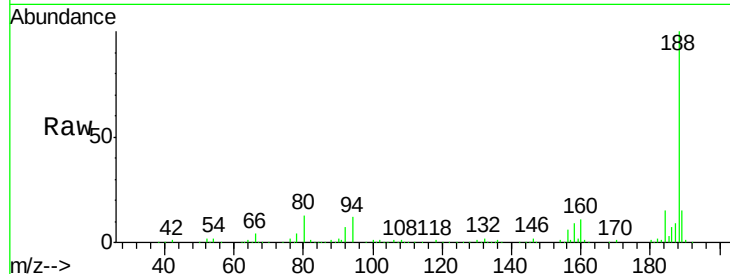




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

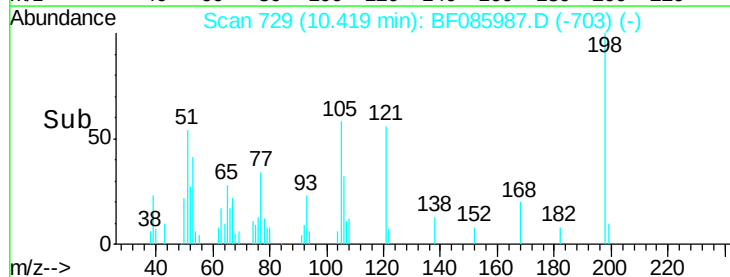
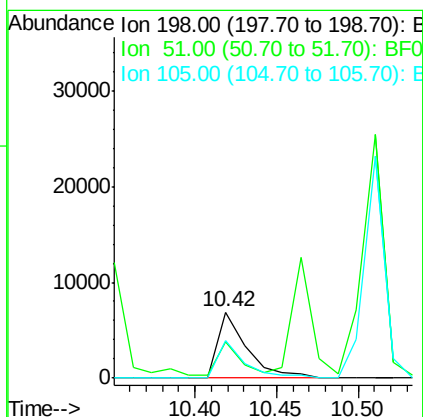
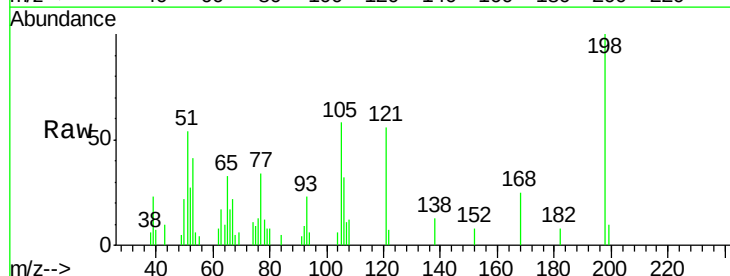
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

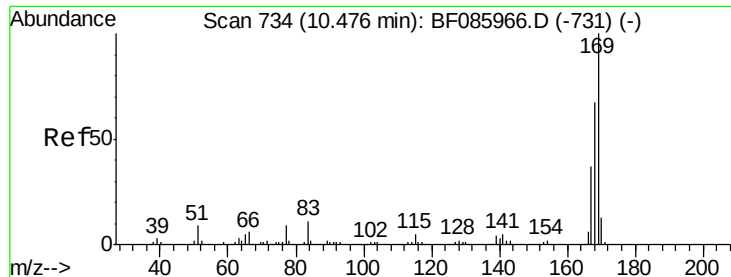
Tot Ion:188 Resp: 379850
Ion Ratio Lower Upper
188 100
94 12.4 5.4 8.0#
80 12.8 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.71 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:198 Resp: 8529
Ion Ratio Lower Upper
198 100
51 54.2 45.4 85.4
105 57.7 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 6.31 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

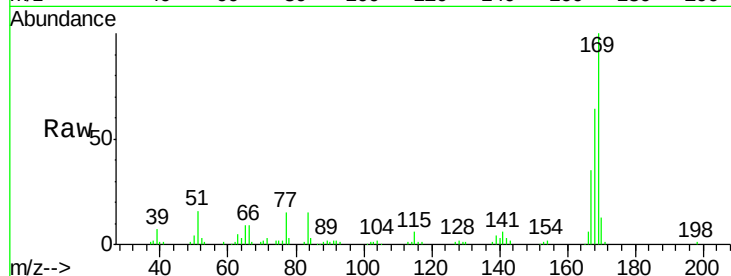
Tot Ion:169 Resp: 74985

Ion Ratio Lower Upper

169 100

168 64.4 54.4 81.6

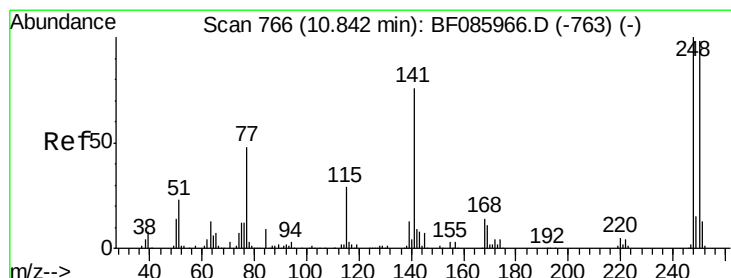
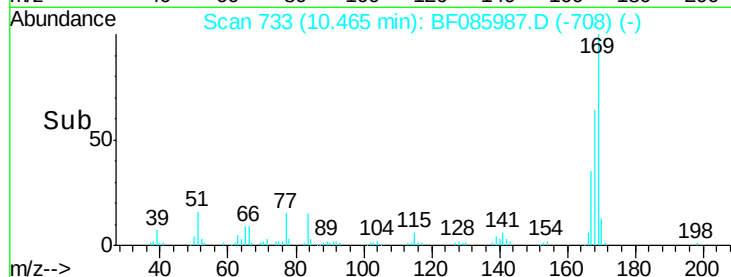
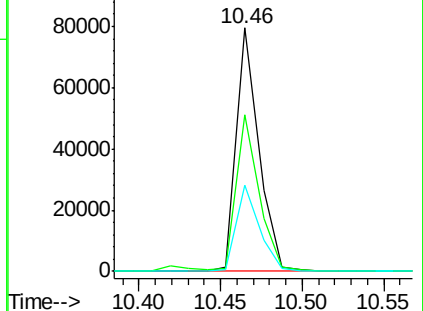
167 35.4 29.4 44.0



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: 5.57 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

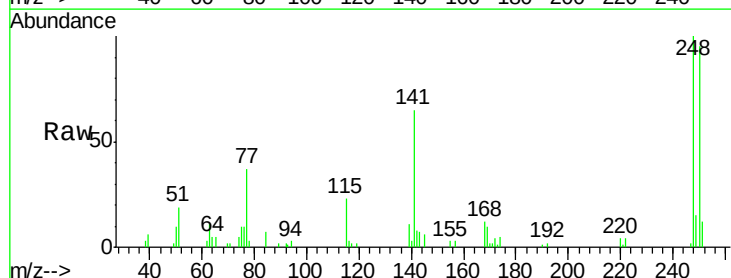
Tgt Ion:248 Resp: 21616

Ion Ratio Lower Upper

248 100

250 95.0 77.4 116.0

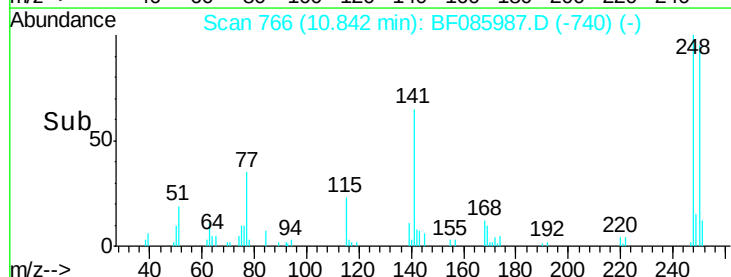
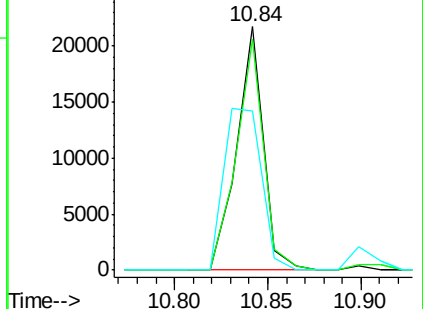
141 65.4 63.6 95.4

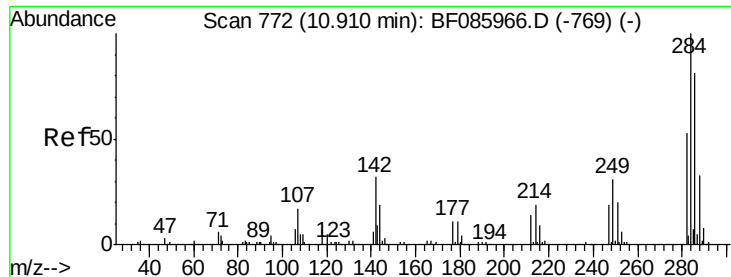


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

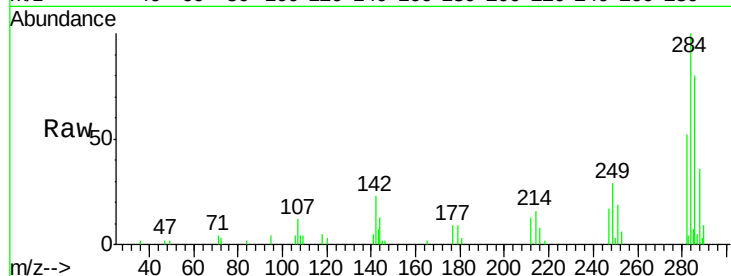




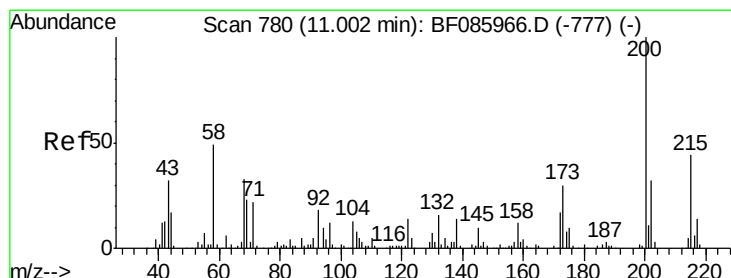
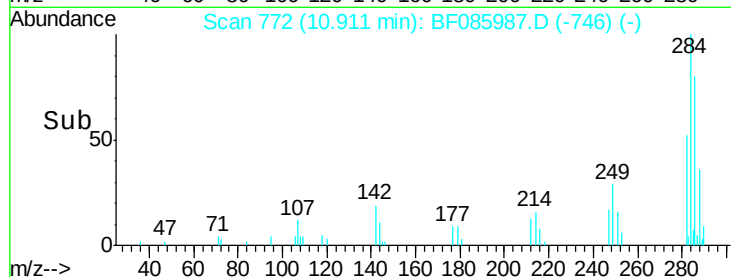
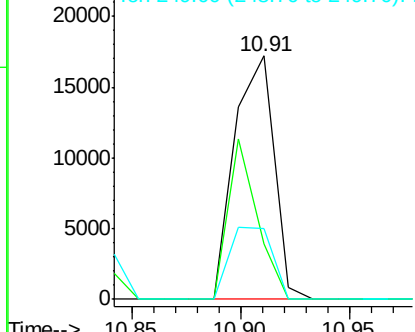
#67
Hexachlorobenzene
Concen: 5.41 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:284 Resp: 21685
Ion Ratio Lower Upper
284 100
142 22.7 23.1 34.7#
249 29.2 24.2 36.2

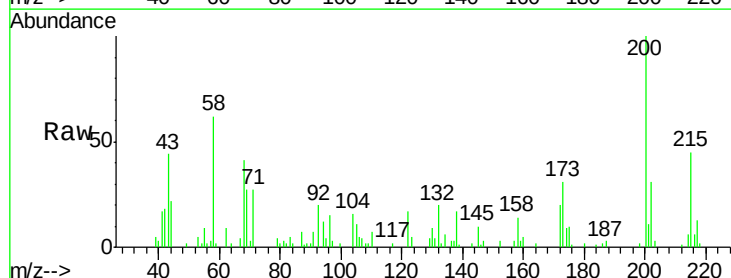


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

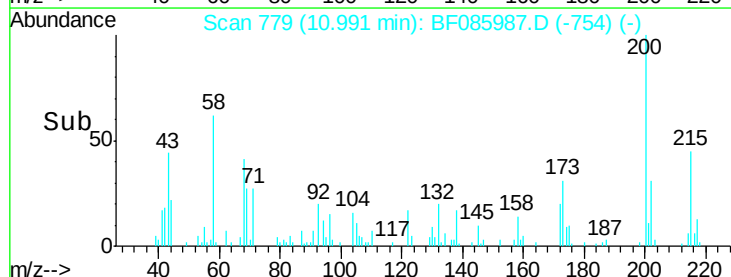
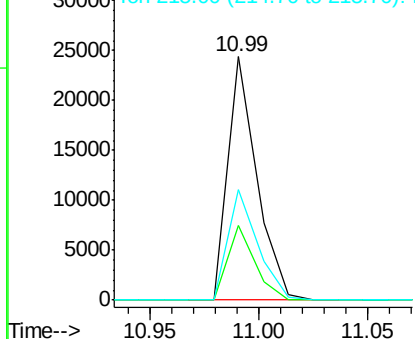


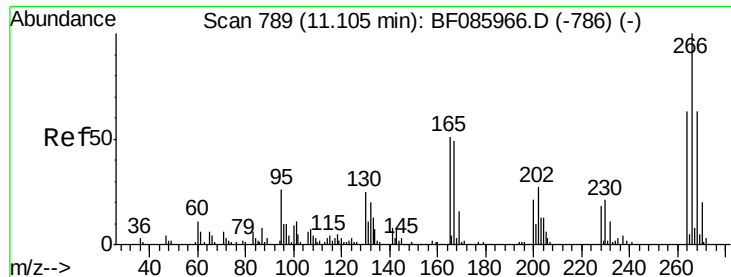
#68
Atrazine
Concen: 5.85 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:200 Resp: 22464
Ion Ratio Lower Upper
200 100
173 30.6 7.7 47.7
215 45.4 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

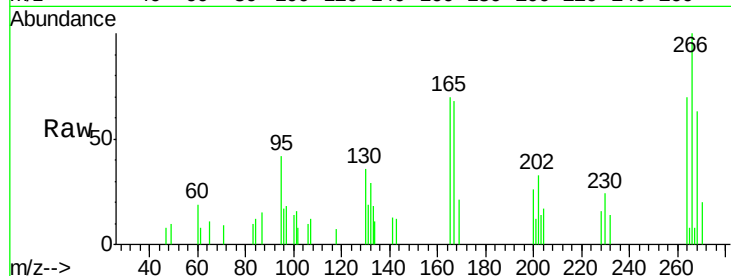




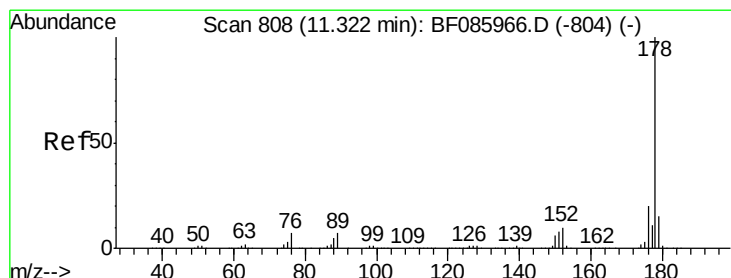
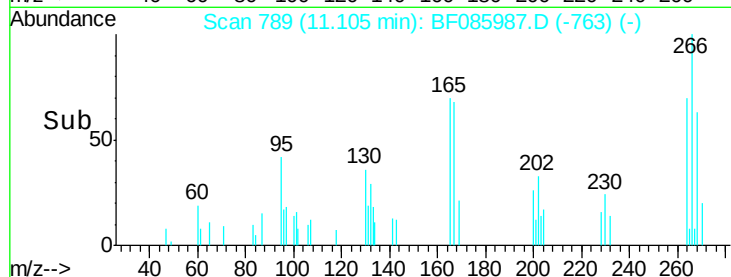
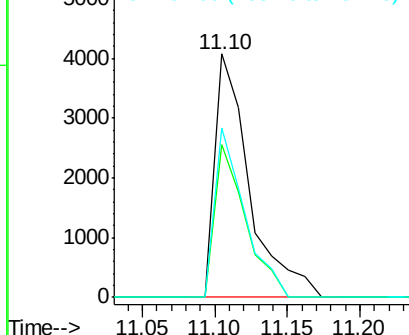
#69
 Pentachlorophenol
 Concen: 3.59 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:266 Resp: 6749
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 69.5 50.6 76.0

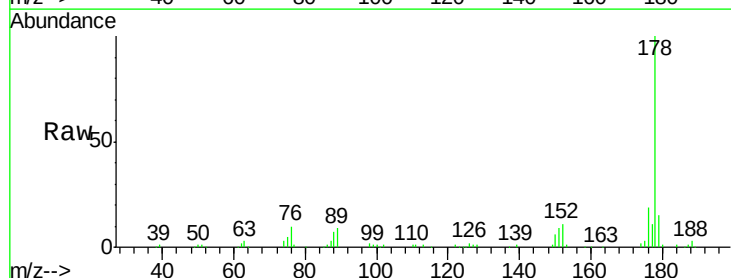


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

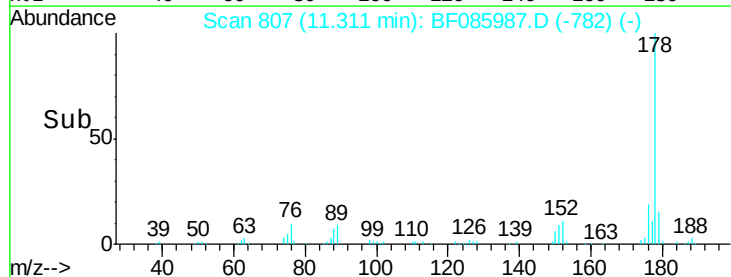
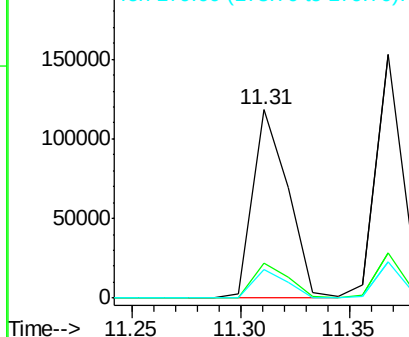


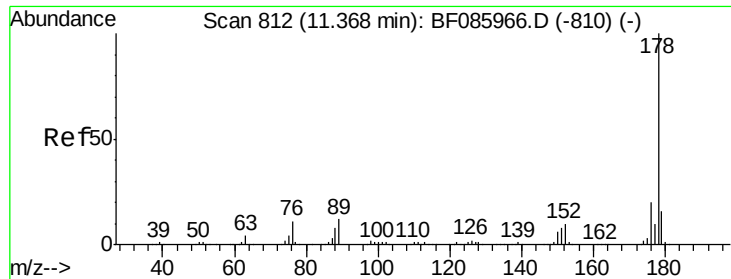
#70
 Phenanthrene
 Concen: 6.44 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:178 Resp: 133448
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.3 24.5
 179 15.5 12.6 18.8



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

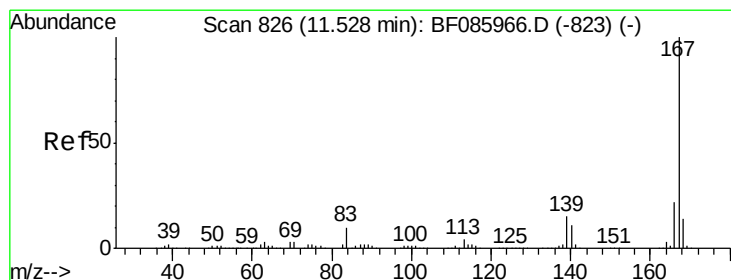
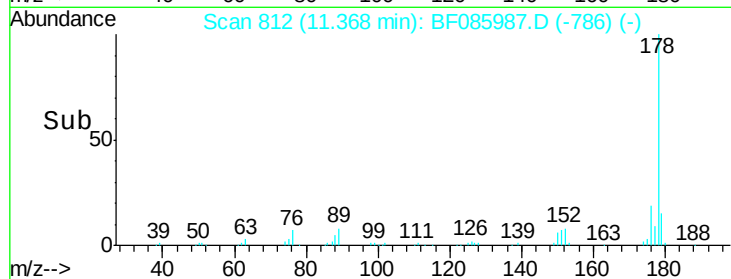
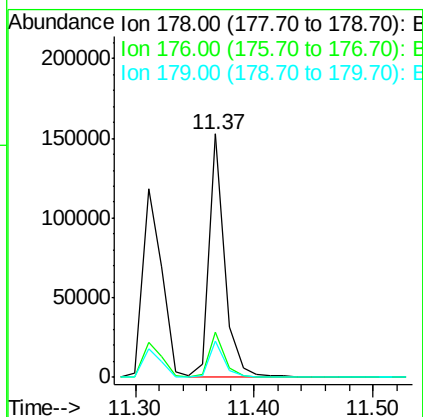
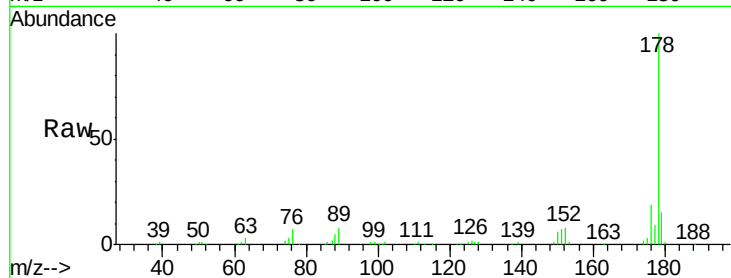




#71
 Anthracene
 Concen: 6.46 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

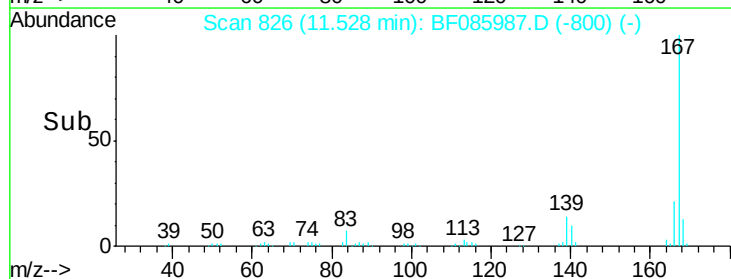
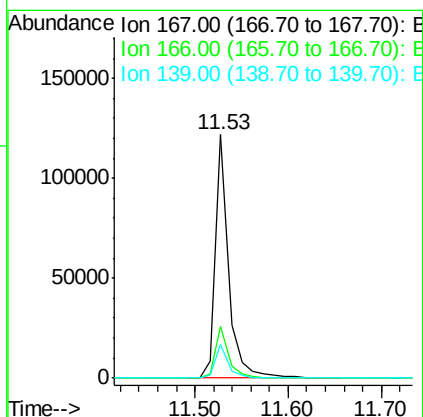
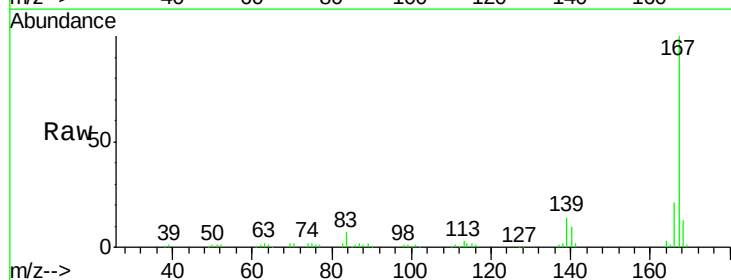
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

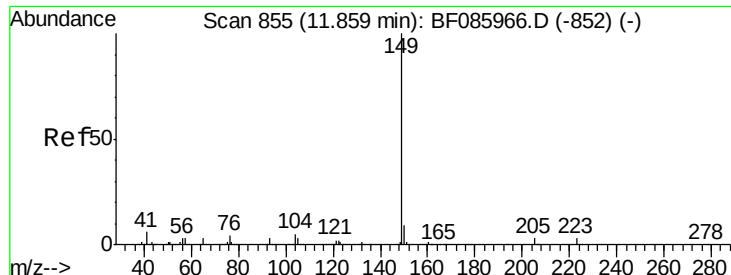
Tot Ion:178 Resp: 140176
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.0 13.0 19.4



#72
 Carbazole
 Concen: 6.41 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:167 Resp: 119583
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 13.7 11.6 17.4





#73

Di-n-butylphthalate

Concen: 5.66 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

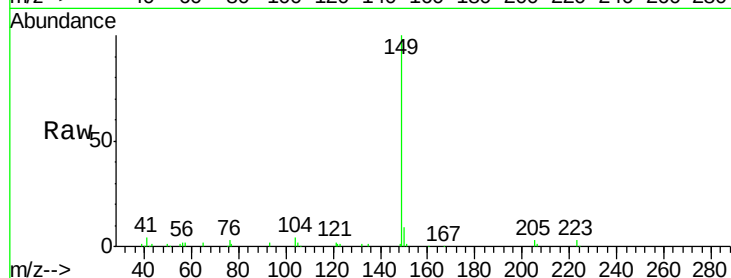
Tot Ion:149 Resp: 130788

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

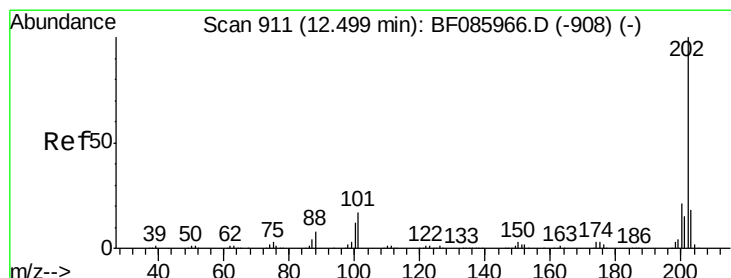
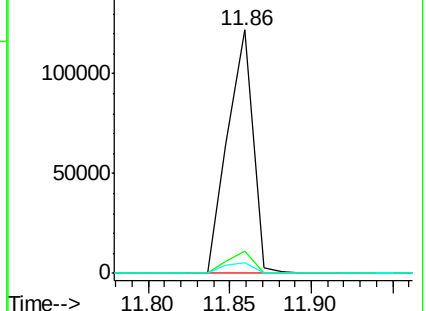
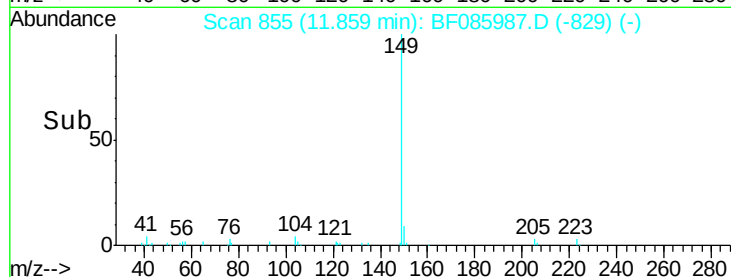
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 6.15 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

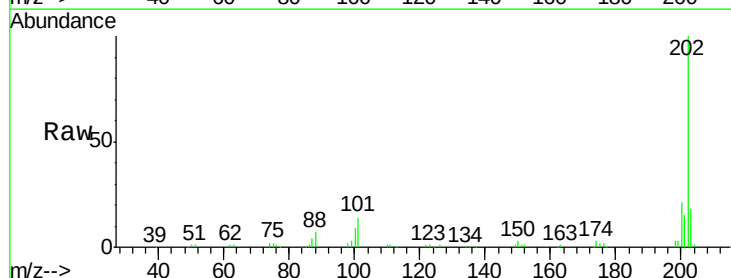
Tgt Ion:202 Resp: 132628

Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.6

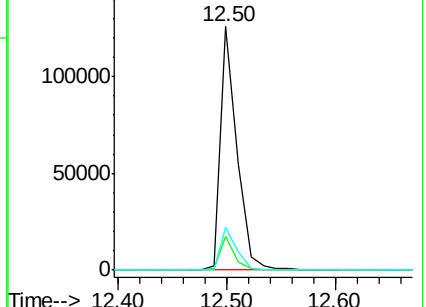
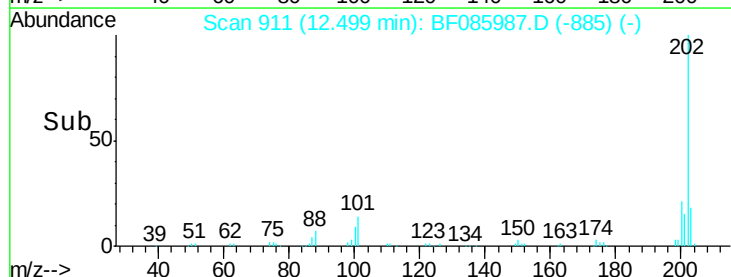
203 17.6 0.0 38.1

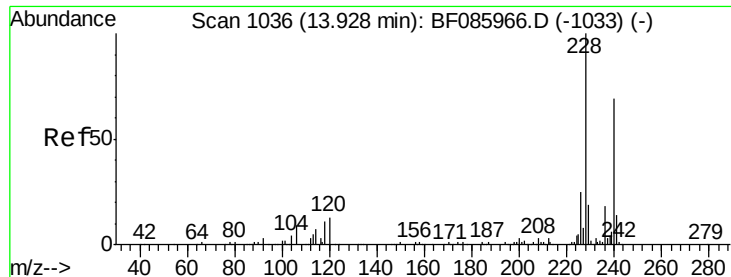


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

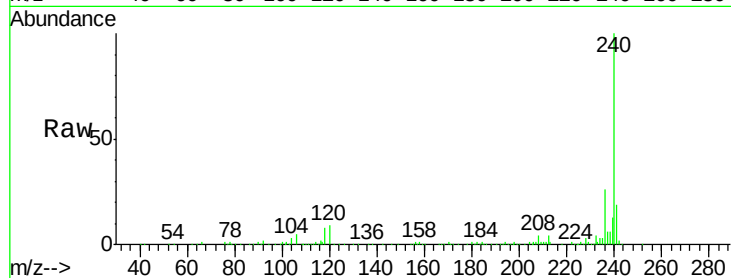
Tot Ion:240 Resp: 349087

Ion Ratio Lower Upper

240 100

120 8.7 13.8 20.8#

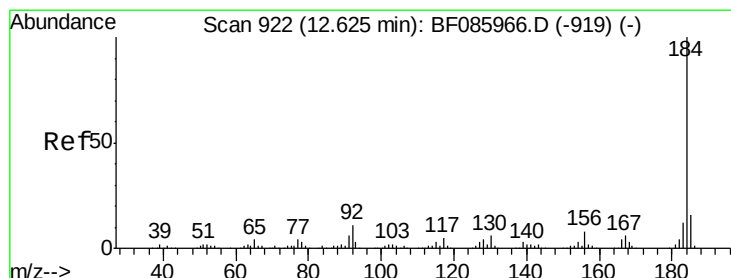
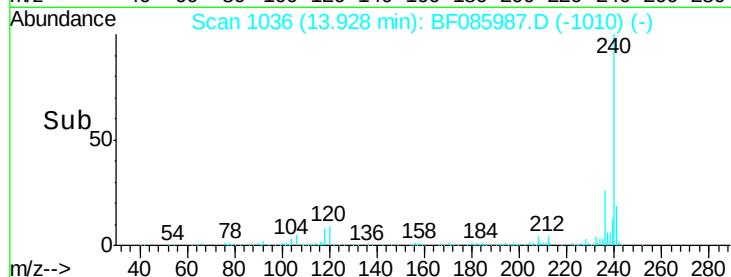
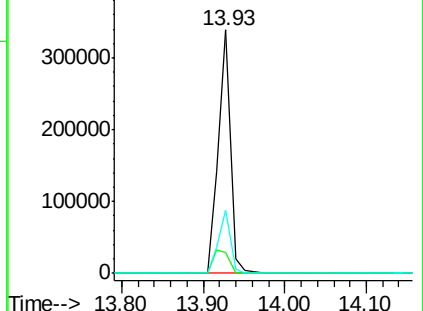
236 26.0 20.6 30.8



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



#76

Benzidine

Concen: 2.81 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

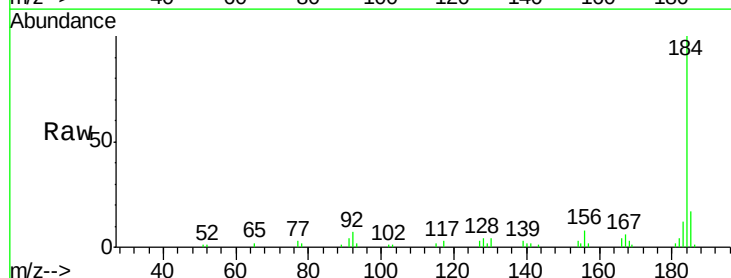
Tgt Ion:184 Resp: 34613

Ion Ratio Lower Upper

184 100

185 16.7 12.4 18.6

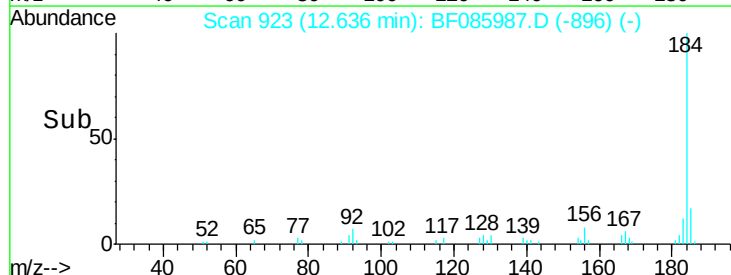
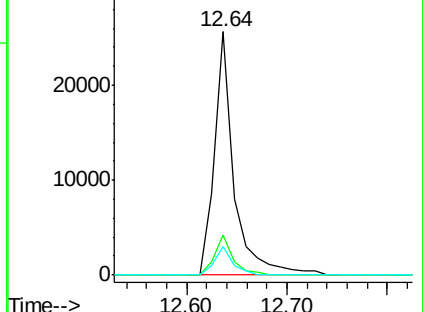
183 11.9 9.4 14.2

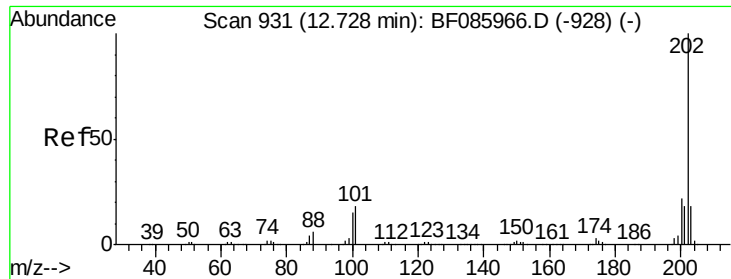


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

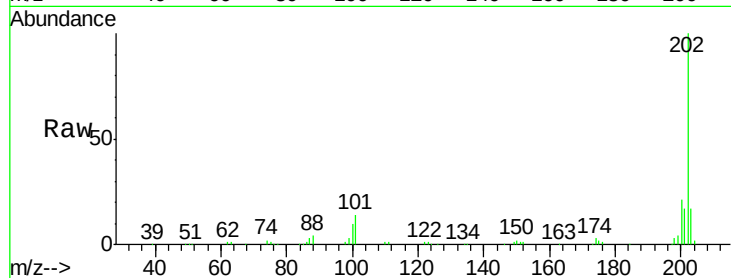




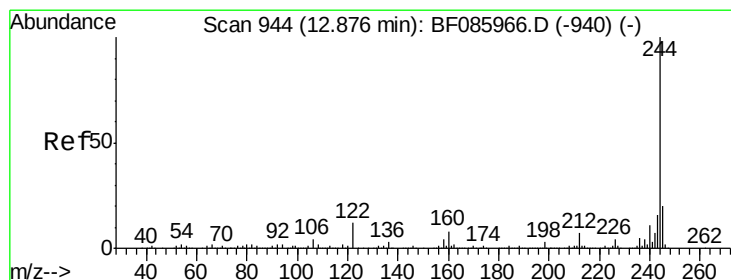
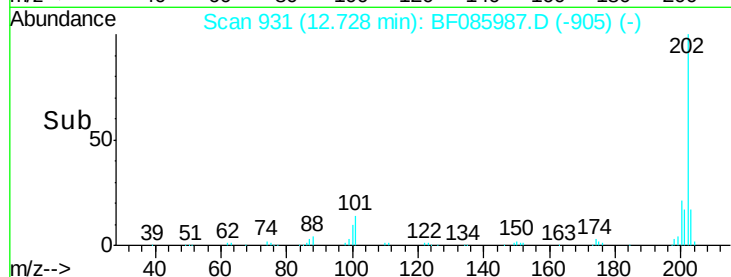
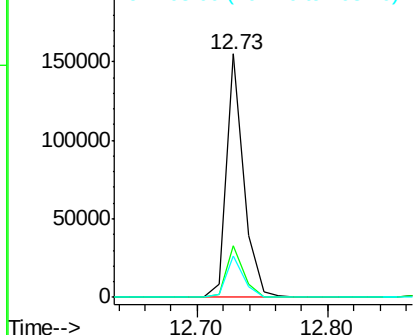
#77
Pvrene
Concen: 5.80 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:202 Resp: 142612
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.0 14.0 21.0

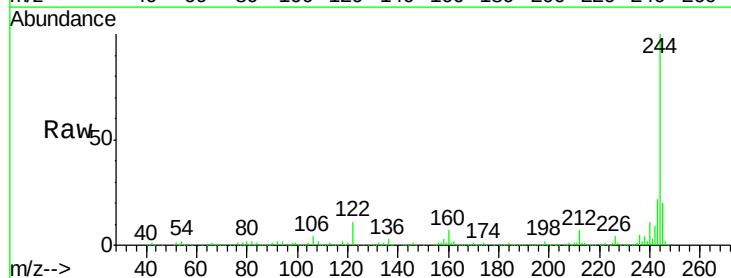


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

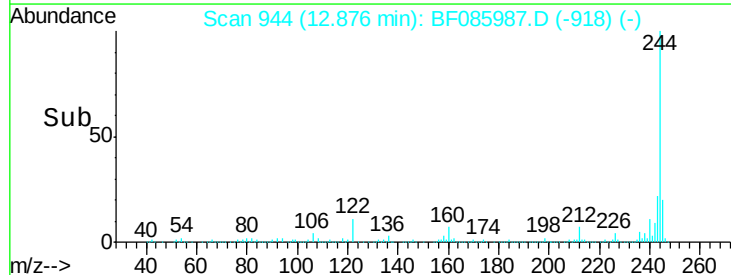
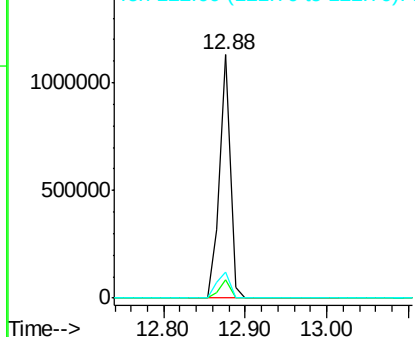


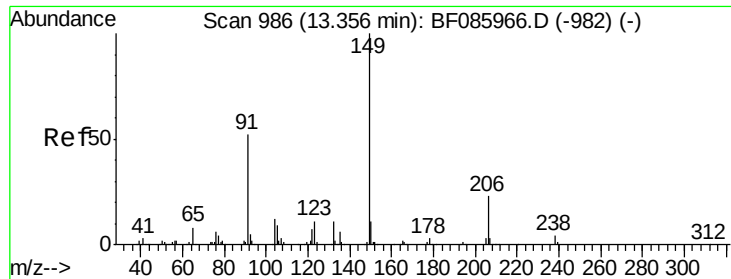
#78
Terphenyl-d14
Concen: 69.62 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:244 Resp: 1033829
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 10.6 10.2 15.4



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

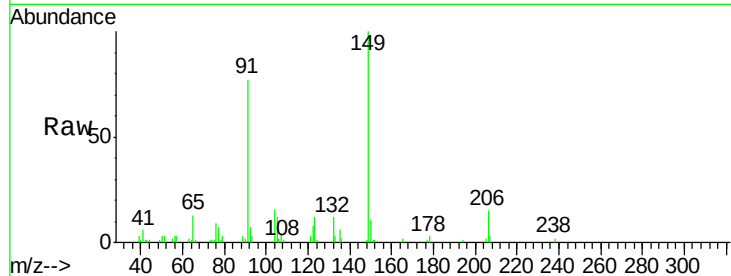




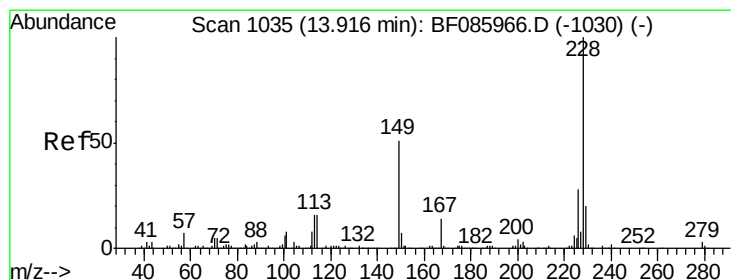
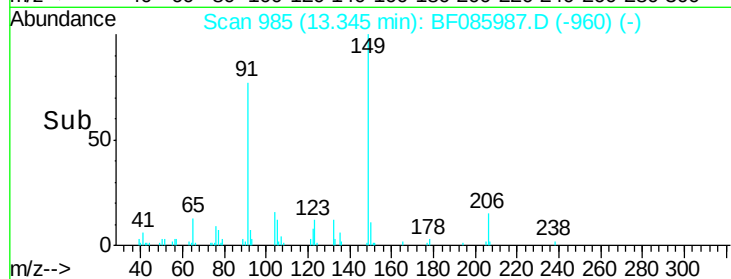
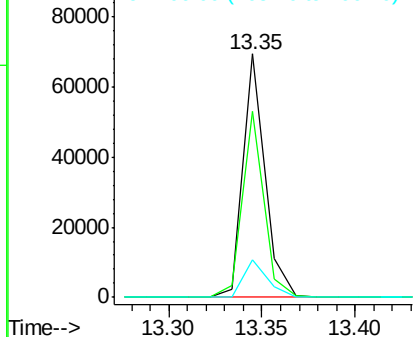
#79
Butylbenzylphthalate
Concen: 5.17 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:149 Resp: 57269
Ion Ratio Lower Upper
149 100
91 76.5 45.8 68.8#
206 15.4 17.8 26.8#

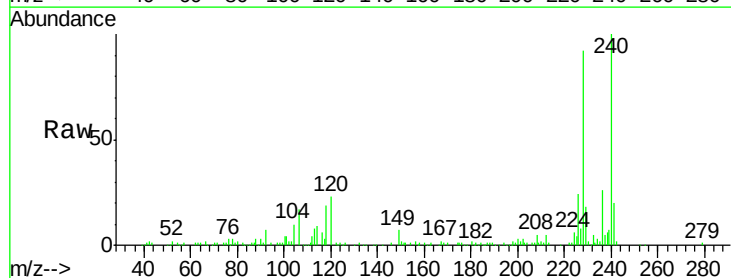


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

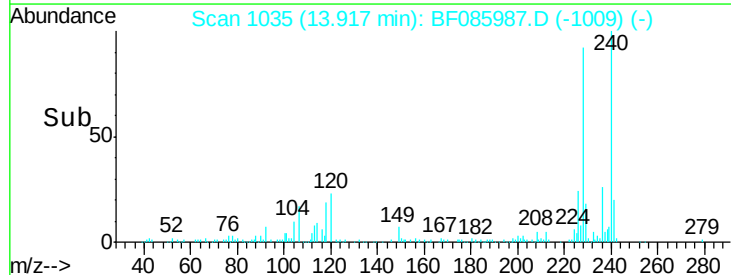
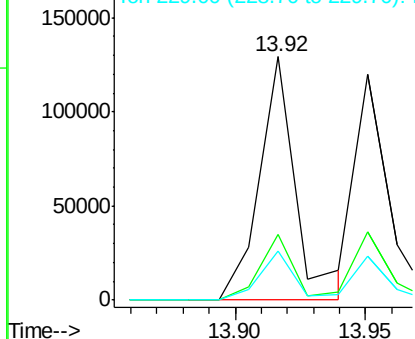


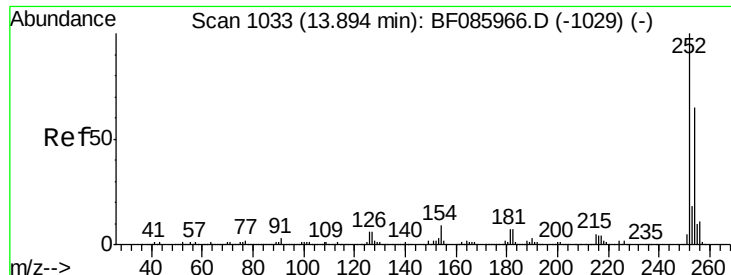
#80
Benzo(a)anthracene
Concen: 6.12 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:228 Resp: 125900
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.9 16.2 24.4



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

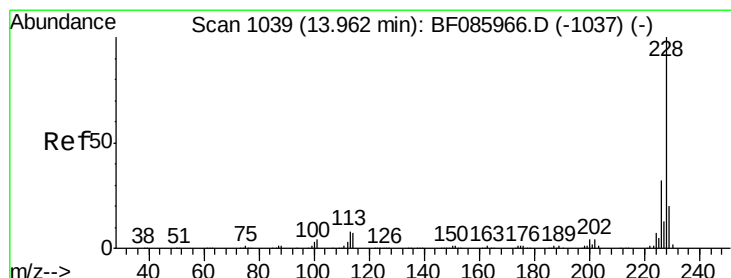
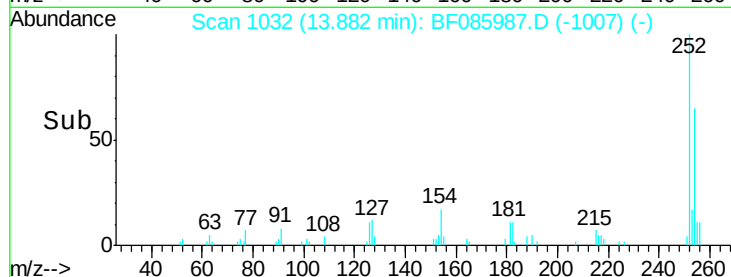
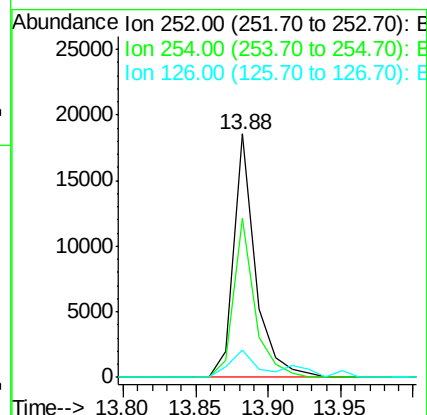
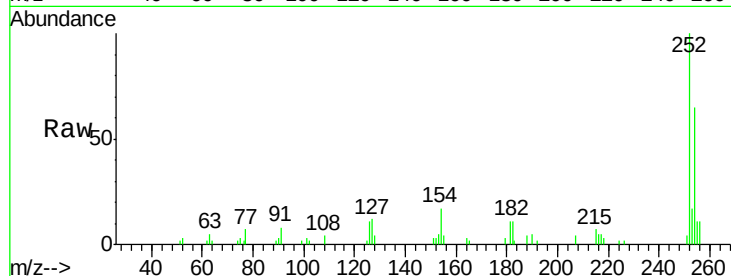




#81
 3,3'-Dichlorobenzidine
 Concen: 1.29 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

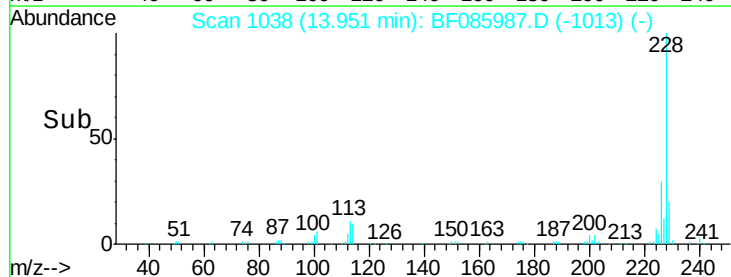
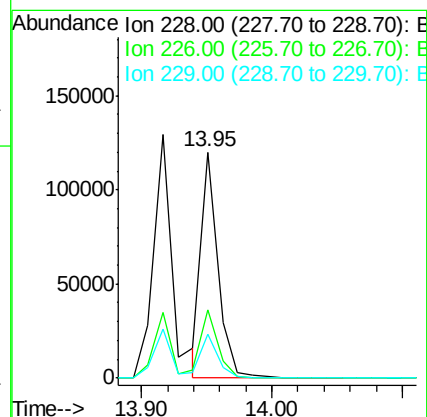
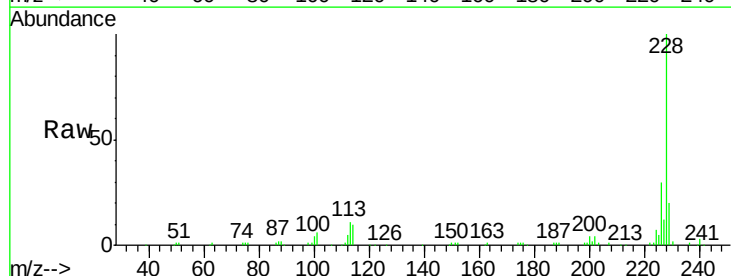
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

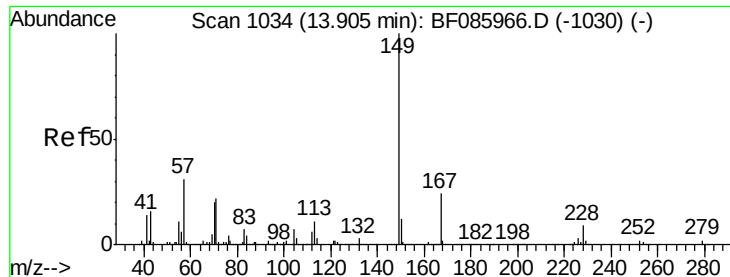
Tot Ion:252 Resp: 19316
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.7 76.1
 126 11.4 11.8 17.6#



#82
 Chrysene
 Concen: 5.38 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085987.D
 Acq: 2 Apr 2016 3:33

Tgt Ion:228 Resp: 106684
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.6 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.57 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

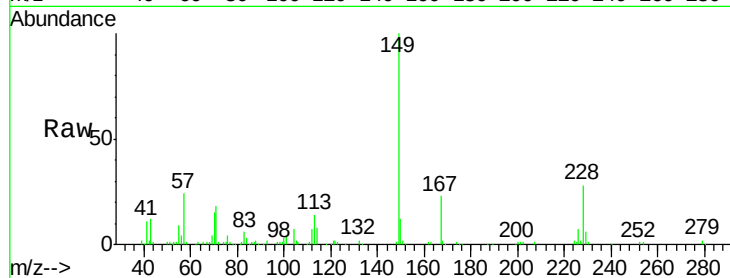
Tot Ion:149 Resp: 81908

Ion Ratio Lower Upper

149 100

167 23.3 19.4 29.2

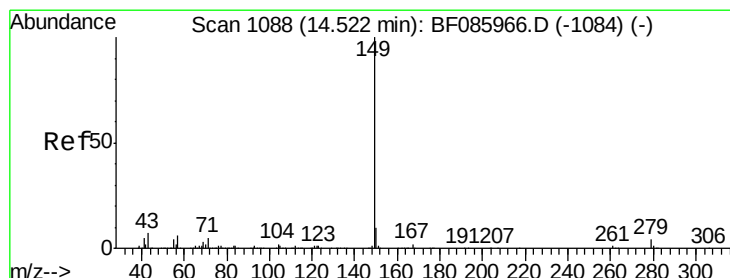
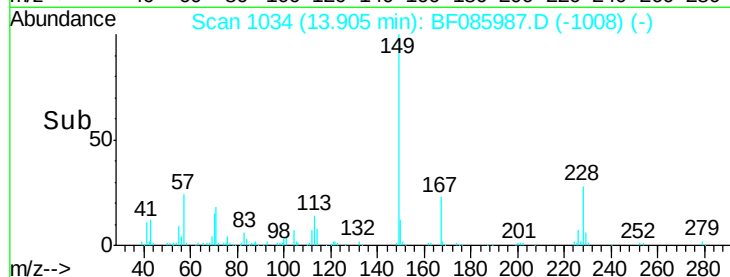
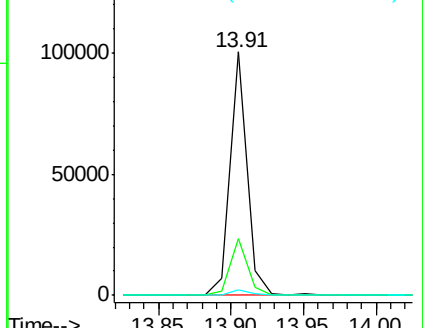
279 2.4 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.10 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

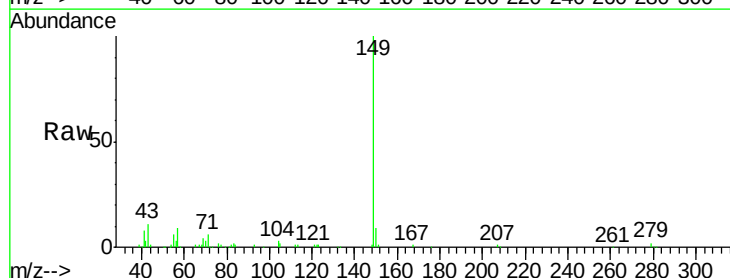
Tgt Ion:149 Resp: 119740

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

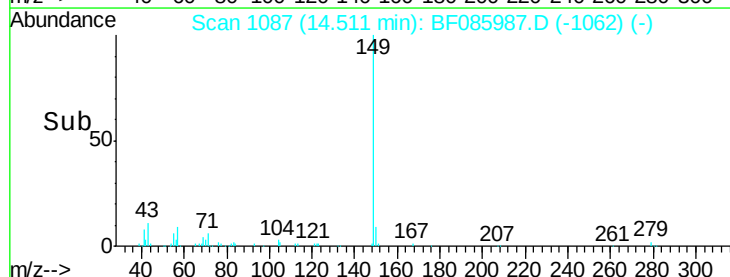
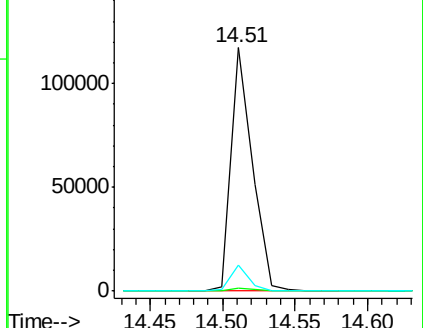
43 9.5 7.1 10.7

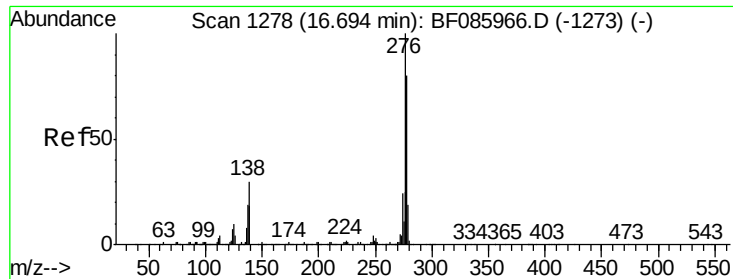


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.40 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

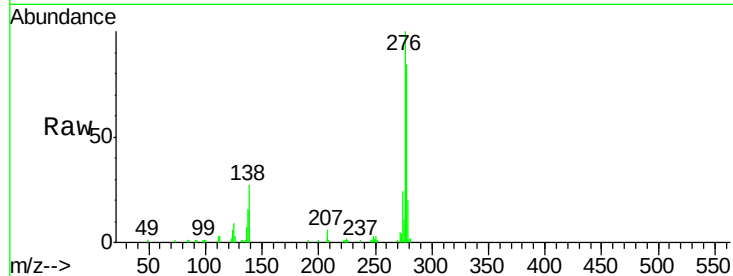
Tot Ion:276 Resp: 86770

Ion Ratio Lower Upper

276 100

138 28.9 24.2 36.4

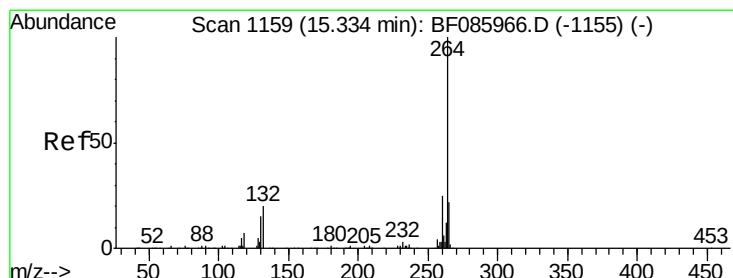
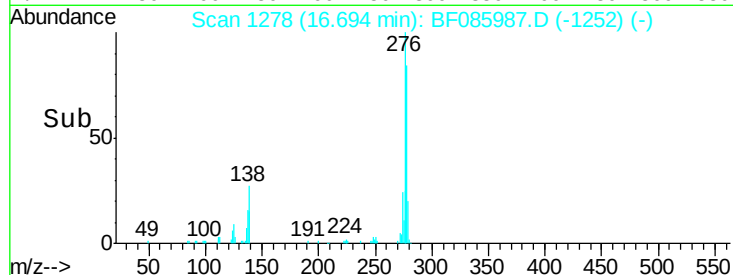
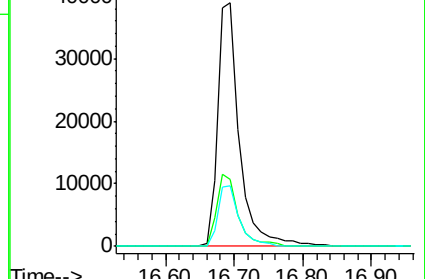
277 24.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

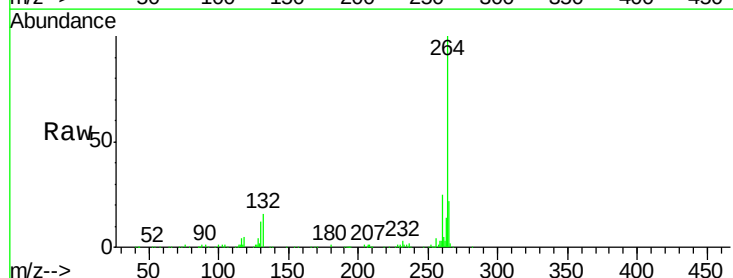
Tgt Ion:264 Resp: 299782

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

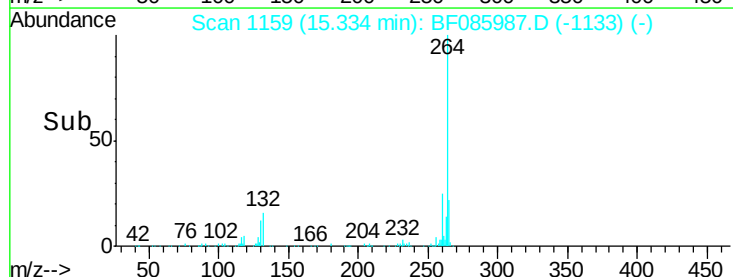
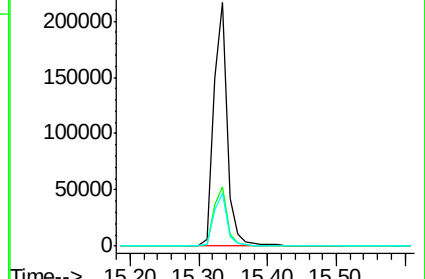
265 21.6 17.2 25.8

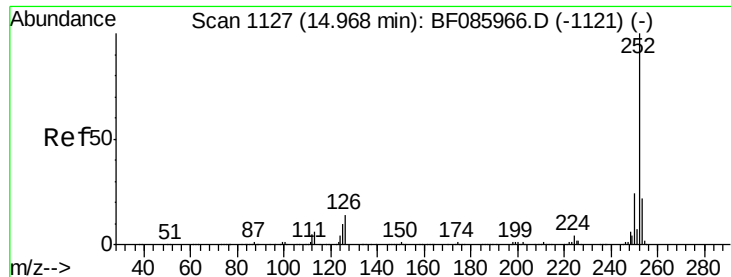


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 10.82 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

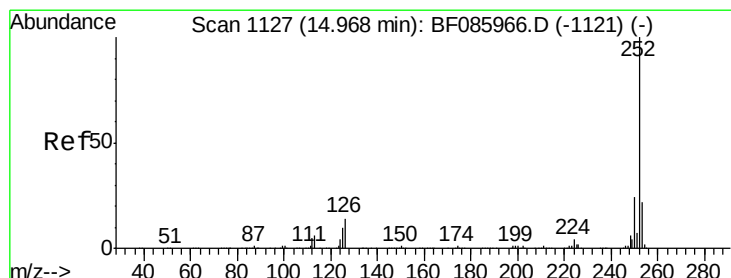
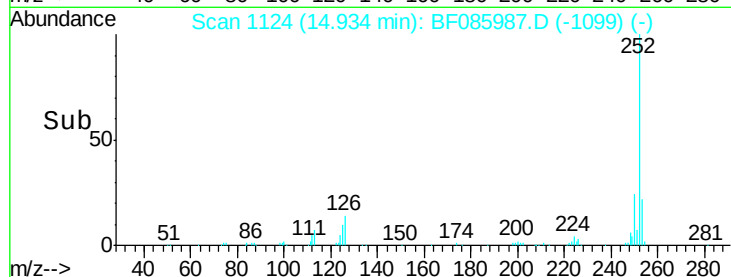
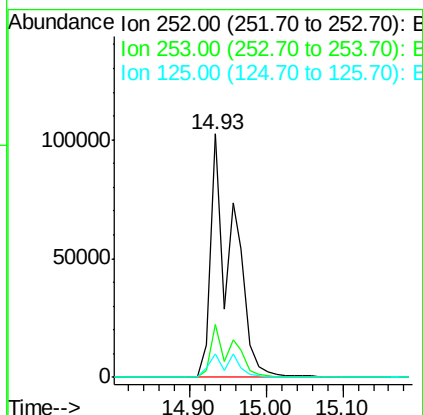
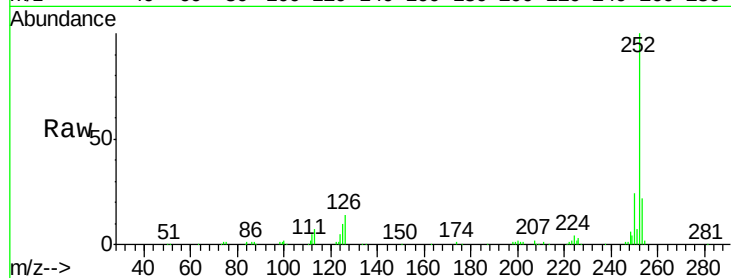
Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:252 Resp: 203977

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.6	10.3	15.5#



#88

Benzo(k)fluoranthene

Concen: 12.21 ng

RT: 14.93 min Scan# 1124

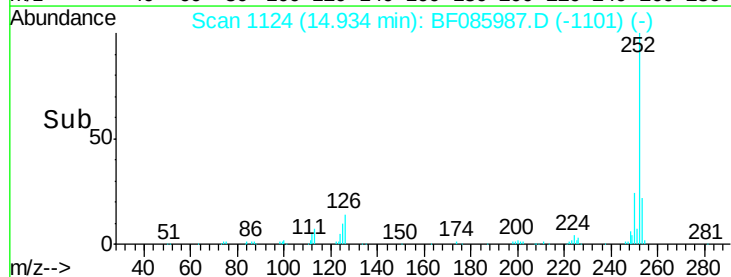
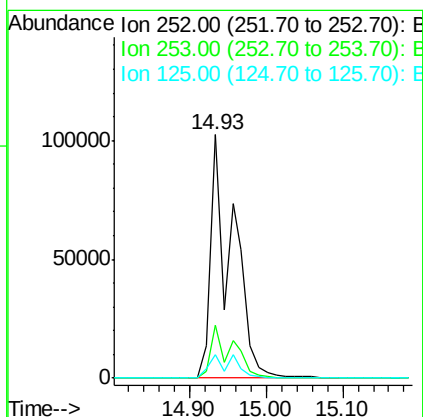
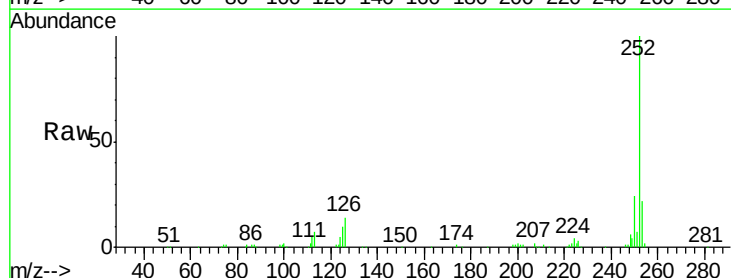
Delta R.T. -0.03 min

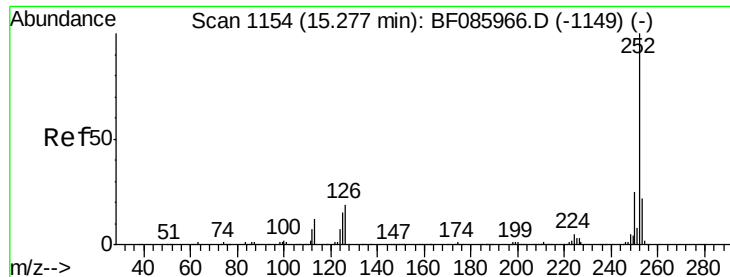
Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Tgt Ion:252 Resp: 203977

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.6	7.7	11.5

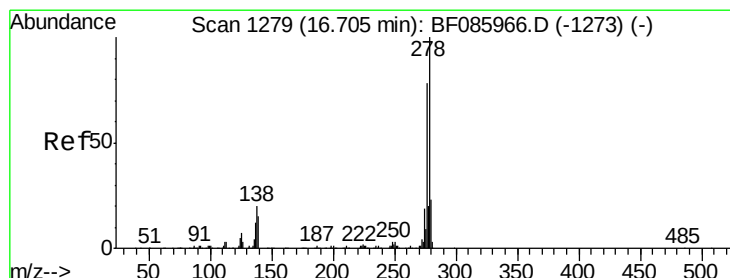
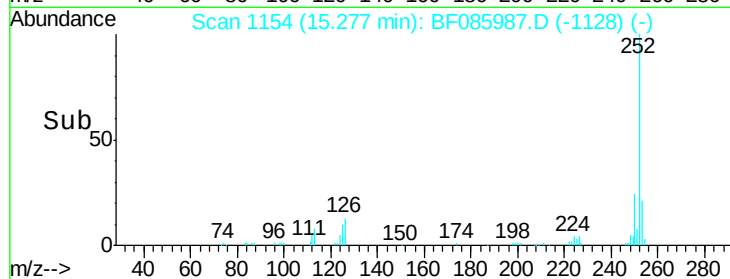
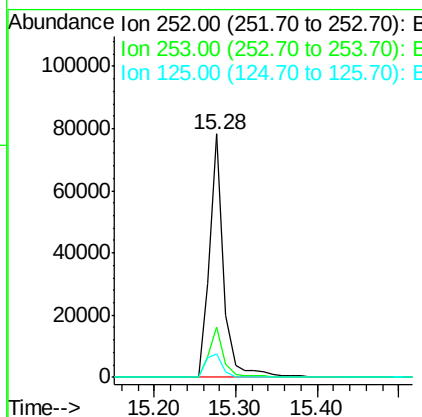
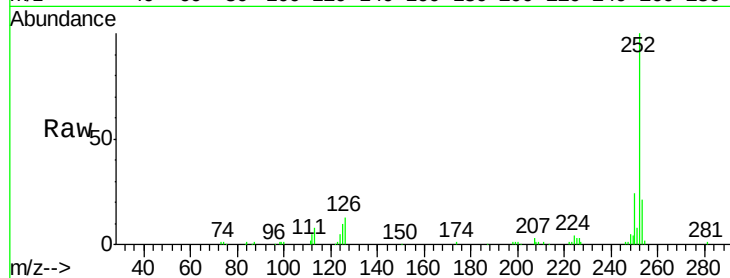




#89
Benzo(a)pyrene
Concen: 5.80 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

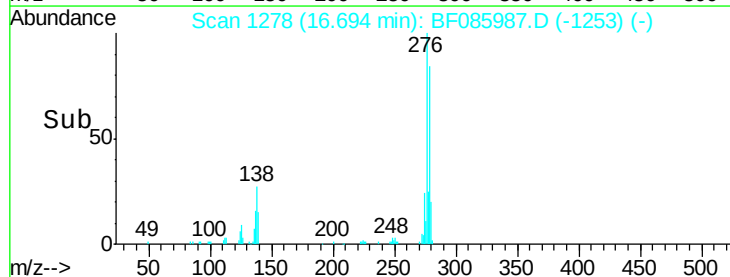
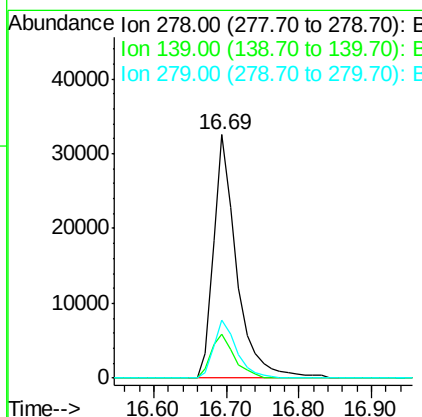
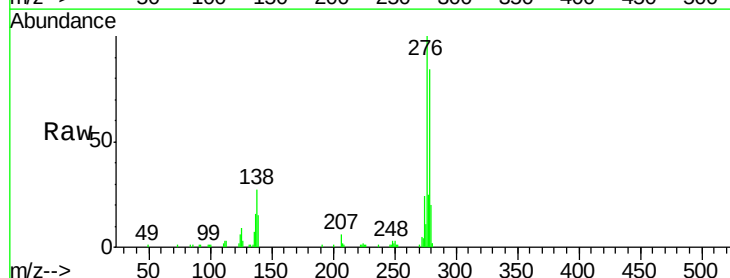
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

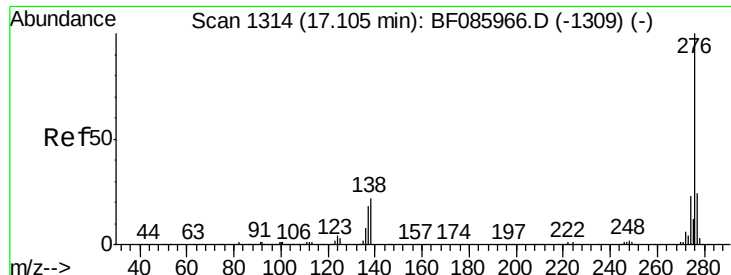
Tot Ion:252 Resp: 96890
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 9.8 10.3 15.5#



#90
Dibenzo(a,h)anthracene
Concen: 5.33 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF085987.D
Acq: 2 Apr 2016 3:33

Tgt Ion:278 Resp: 71693
Ion Ratio Lower Upper
278 100
139 18.0 14.4 21.6
279 23.7 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 5.50 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF085987.D

Acq: 2 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

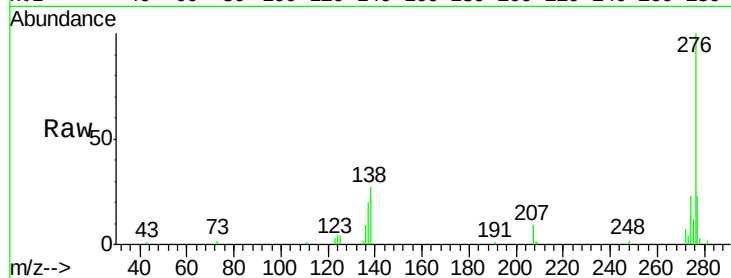
Tot Ion: 276 Resp: 71560

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 26.6 22.6 34.0



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

