

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090391.D
 Acq On : 5 Oct 2016 20:34
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:10:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	243542	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1019229	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	520080	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	770253	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	654172	20.00	ng	-0.01
86) Perylene-d12	15.70	264	476803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2077448	127.31	ng	0.01
7) Phenol-d6	6.62	99	2369043	110.85	ng	0.00
23) Nitrobenzene-d5	7.56	82	1650226	78.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	555172	131.28	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2690913	86.21	ng	-0.01
78) Terphenyl-d14	13.14	244	2656584	91.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	34771	4.32	ng	96
3) Pyridine	3.63	79	75852	3.38	ng	# 86
4) n-Nitrosodimethylamine	3.53	42	41543	4.49	ng	# 67
6) Aniline	6.66	93	116976	3.96	ng	99
8) 2-Chlorophenol	6.78	128	90507	5.04	ng	91
9) Benzaldehyde	6.54	77	48468	4.49	ng	90
10) Phenol	6.63	94	143008	5.76	ng	93
11) bis(2-Chloroethyl)ether	6.73	93	76267	4.01	ng	# 78
12) 1,3-Dichlorobenzene	7.02	146	77267	4.32	ng	98
13) 1,4-Dichlorobenzene	6.94	146	81882	4.50	ng	98
14) 1,2-Dichlorobenzene	7.17	146	83222	4.75	ng	98
15) Benzyl Alcohol	7.14	79	97645	6.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	147728	4.58	ng	96
17) 2-Methylphenol	7.24	107	64256	4.35	ng	98
18) Hexachloroethane	7.51	117	29353	4.10	ng	# 86
19) n-Nitroso-di-n-propylamine	7.40	70	70199	4.48	ng	# 90
20) 3+4-Methylphenols	7.40	107	90694	4.74	ng	# 54
22) Acetophenone	7.40	105	112039	4.64	ng	# 95
24) Nitrobenzene	7.58	77	99463	4.78	ng	# 89
25) Isophorone	7.81	82	171073	4.47	ng	# 92
26) 2-Nitrophenol	7.90	139	33575	3.75	ng	93
27) 2,4-Dimethylphenol	7.94	122	78545	4.51	ng	93
28) bis(2-Chloroethoxy)methane	8.03	93	107399	4.74	ng	# 94
29) 2,4-Dichlorophenol	8.14	162	55422	4.19	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	56145	4.12	ng	98
31) Naphthalene	8.31	128	228306	4.64	ng	96
32) Benzoic acid	7.98	122	36283	3.00	ng	91
33) 4-Chloroaniline	8.35	127	79169	3.90	ng	97
34) Hexachlorobutadiene	8.43	225	28764	3.77	ng	97
35) Caprolactam	8.68	113	18212	4.09	ng	98
36) 4-Chloro-3-methylphenol	8.83	107	75046	4.53	ng	99
37) 2-Methylnaphthalene	9.00	142	134368	4.51	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	54890	4.00	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	26183	3.48	ng	98

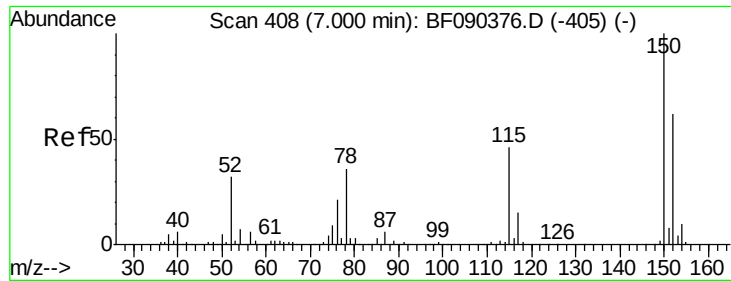
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	36900	3.90	ng	96
43) 2,4,5-Trichlorophenol	9.32	196	34378	3.84	ng #	91
45) 1,1'-Biphenyl	9.47	154	190057	4.93	ng	96
46) 2-Chloronaphthalene	9.49	162	132724	4.66	ng	98
47) 2-Nitroaniline	9.58	65	50666	4.51	ng	98
48) Acenaphthylene	9.91	152	208325	4.43	ng	95
49) Dimethylphthalate	9.77	163	147409	4.43	ng #	95
50) 2,6-Dinitrotoluene	9.82	165	31890	4.31	ng	90
51) Acenaphthene	10.09	154	128945	4.40	ng	98
52) 3-Nitroaniline	9.99	138	33094	3.83	ng	86
53) 2,4-Dinitrophenol	10.10	184	6405	1.94	ng #	72
54) Dibenzofuran	10.26	168	176627	4.66	ng	98
55) 4-Nitrophenol	10.14	139	28225	3.73	ng	86
56) 2,4-Dinitrotoluene	10.22	165	41415	4.21	ng #	30
57) Fluorene	10.60	166	151280	4.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	26775	4.01	ng #	81
59) Diethylphthalate	10.46	149	150742	4.37	ng #	87
60) 4-Chlorophenyl-phenylether	10.59	204	60499	4.18	ng #	86
61) 4-Nitroaniline	10.60	138	37880	4.35	ng	91
62) Azobenzene	10.75	77	178010	4.47	ng	87
64) 4,6-Dinitro-2-methylphenol	10.63	198	12575	7.58	ng #	65
65) n-Nitrosodiphenylamine	10.70	169	120568	4.67	ng	98
66) 4-Bromophenyl-phenylether	11.08	248	33029	4.37	ng #	78
67) Hexachlorobenzene	11.15	284	40096	4.77	ng #	86
68) Atrazine	11.23	200	30389	4.77	ng	97
69) Pentachlorophenol	11.34	266	18747	3.75	ng	99
70) Phenanthrene	11.56	178	198590	5.04	ng	95
71) Anthracene	11.62	178	206813	5.13	ng	96
72) Carbazole	11.77	167	202632	5.41	ng	96
73) Di-n-butylphthalate	12.10	149	232279	5.10	ng	97
74) Fluoranthene	12.76	202	181391	4.69	ng	90
76) Benzidine	12.87	184	85962	5.00	ng	98
77) Pyrene	12.99	202	201786	4.63	ng	95
79) Butylbenzylphthalate	13.61	149	102728	4.59	ng #	81
80) Benzo(a)anthracene	14.18	228	175637	4.79	ng	96
81) 3,3'-Dichlorobenzidine	14.14	252	48926	3.68	ng #	97
82) Chrysene	14.21	228	158034	4.68	ng	96
83) Bis(2-ethylhexyl)phthalate	14.17	149	138125	4.34	ng #	90
84) Di-n-octyl phthalate	14.80	149	213205	4.52	ng	99
85) Indeno(1,2,3-cd)pyrene	17.21	276	100993	4.19	ng	94
87) Benzo(b)fluoranthene	15.24	252	140116	4.61	ng #	91
88) Benzo(k)fluoranthene	15.24	252	140116	4.91	ng #	95
89) Benzo(a)pyrene	15.63	252	109597	4.19	ng	98
90) Dibenzo(a,h)anthracene	17.22	278	84112	3.78	ng #	93
91) Benzo(g,h,i)perylene	17.65	276	81375	3.81	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

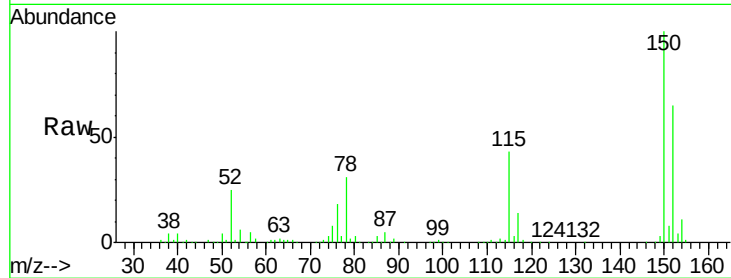
Tgt Ion:152 Resp: 243542

Ion Ratio Lower Upper

152 100

150 154.6 124.6 186.8

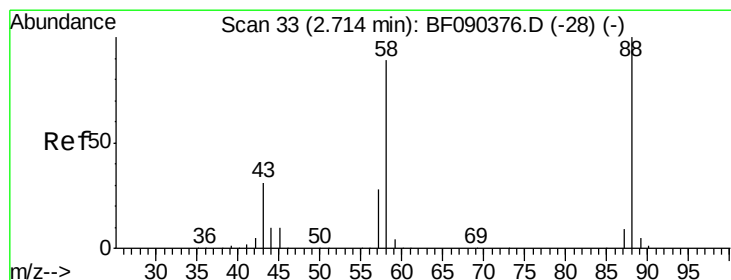
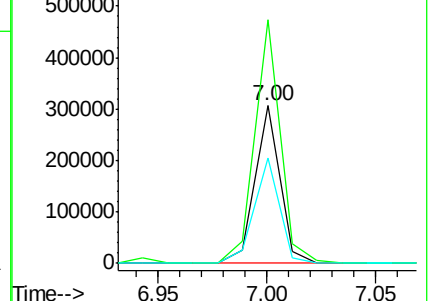
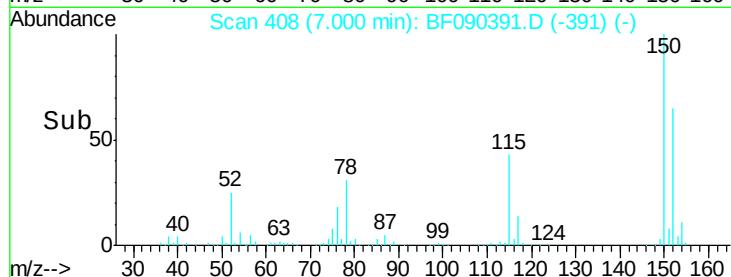
115 66.9 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.32 ng

RT: 2.83 min Scan# 43

Delta R.T. 0.11 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

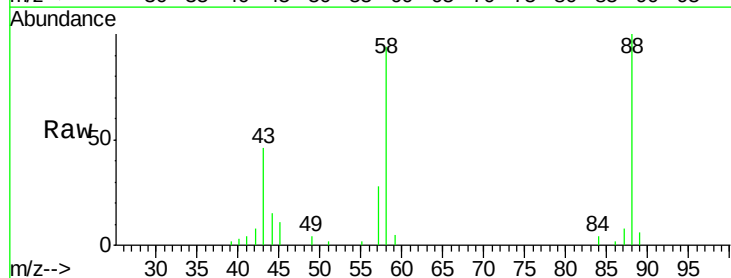
Tgt Ion: 88 Resp: 34771

Ion Ratio Lower Upper

88 100

58 86.9 71.2 106.8

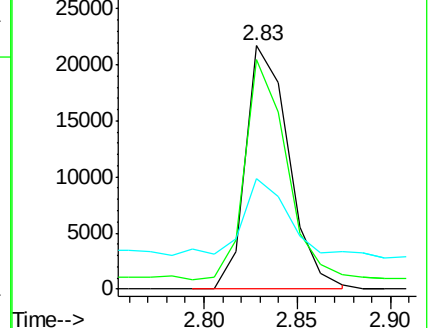
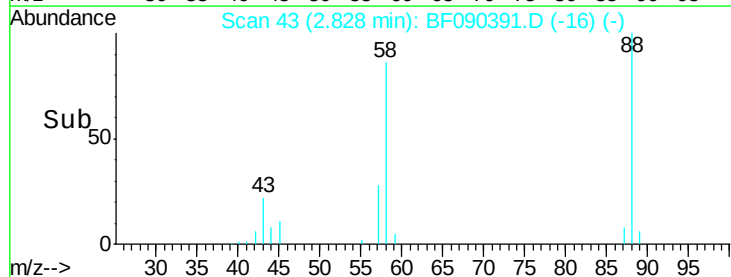
43 31.6 29.8 44.6

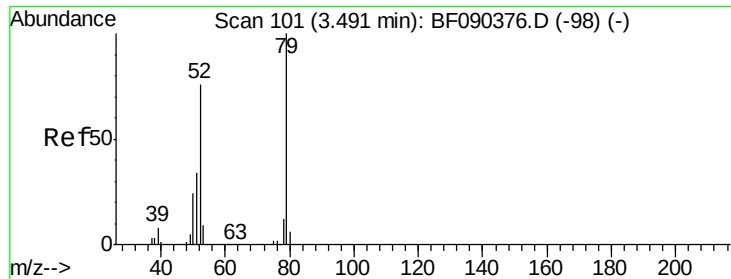


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

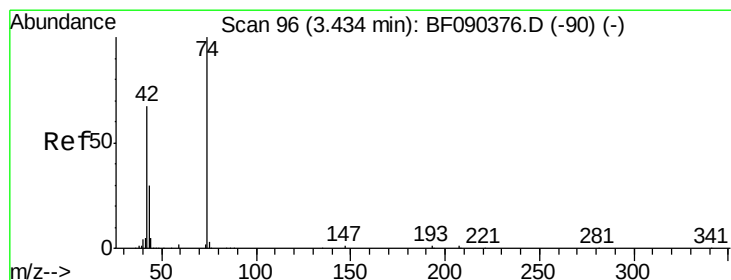
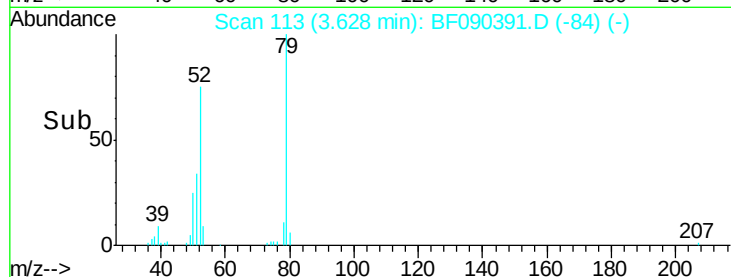
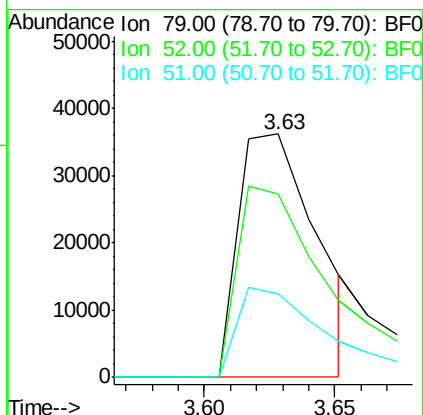
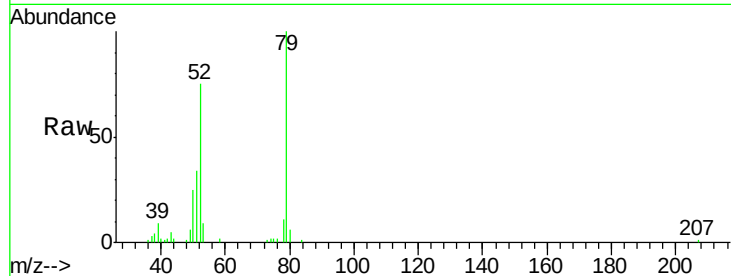




#3
 Pyridine
 Concen: 3.38 ng
 RT: 3.63 min Scan# 113
 Delta R.T. 0.14 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

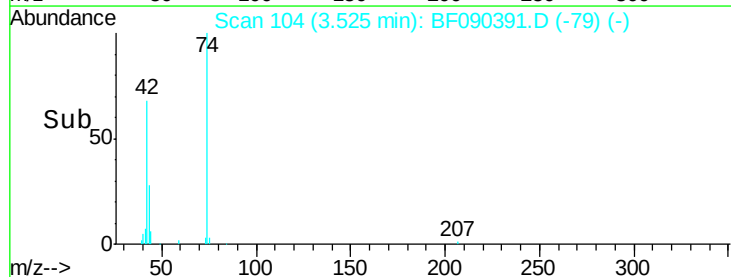
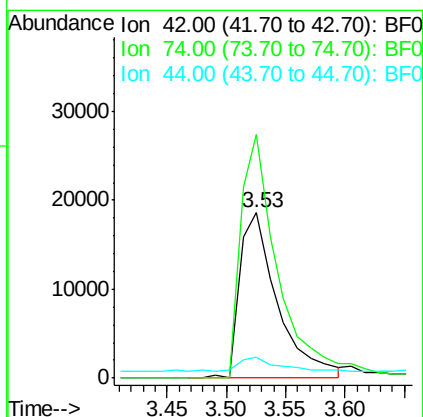
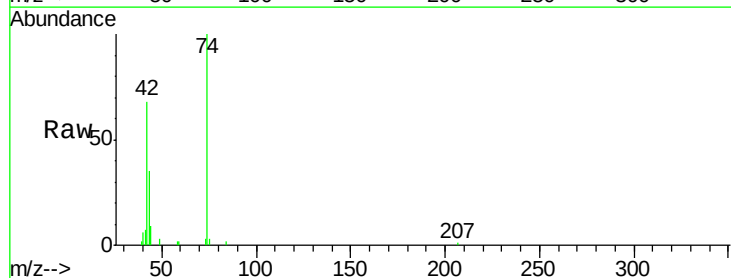
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

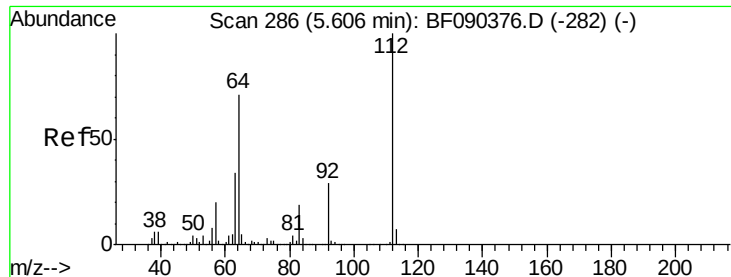
Tgt Ion: 79 Resp: 75852
 Ion Ratio Lower Upper
 79 100
 52 75.4 71.3 106.9
 51 34.3 34.5 51.7#



#4
 n-Nitrosodimethylamine
 Concen: 4.49 ng
 RT: 3.53 min Scan# 104
 Delta R.T. 0.09 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion: 42 Resp: 41543
 Ion Ratio Lower Upper
 42 100
 74 147.4 88.9 133.3#
 44 13.0 6.5 9.7#





#5

2-Fluorophenol

Concen: 127.31 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

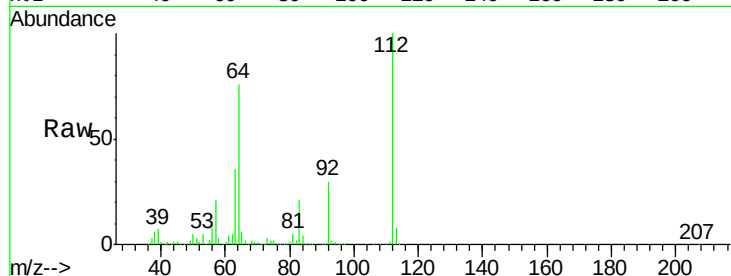
Tgt Ion: 112 Resp: 2077448

Ion Ratio Lower Upper

112 100

64 75.9 57.9 86.9

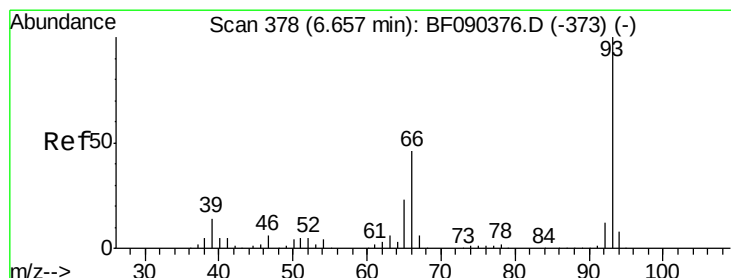
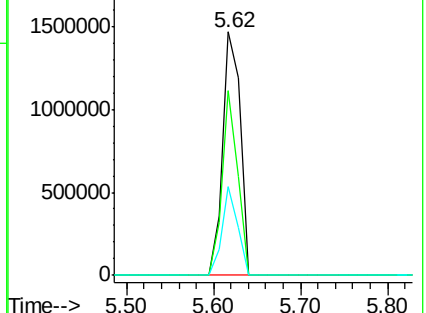
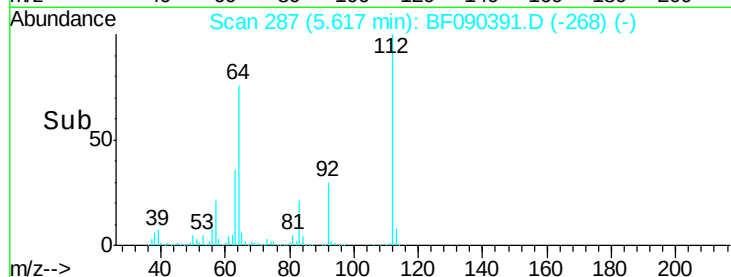
63 36.5 29.6 44.4



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



#6

Aniline

Concen: 3.96 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

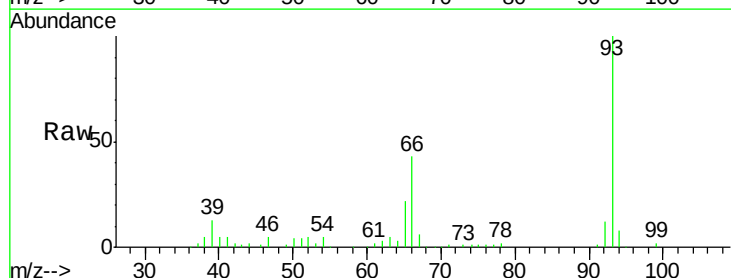
Tgt Ion: 93 Resp: 116976

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

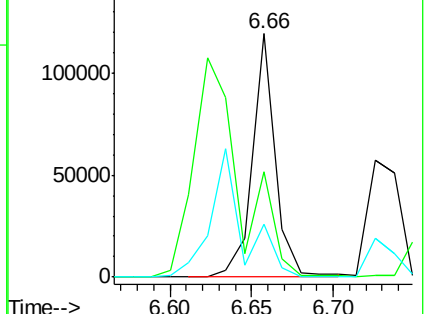
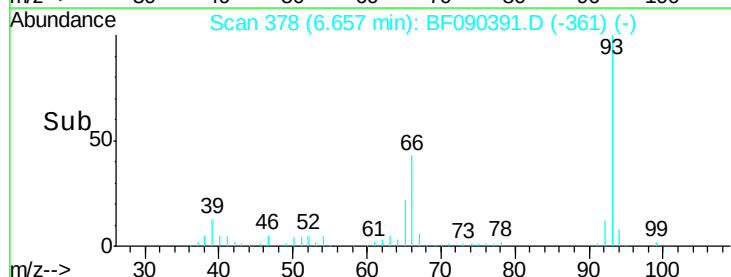
65 21.8 18.2 27.2

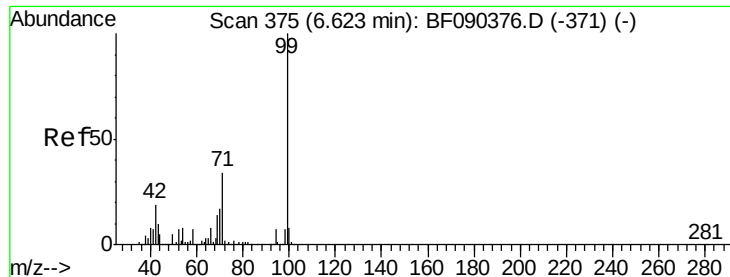


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.85 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

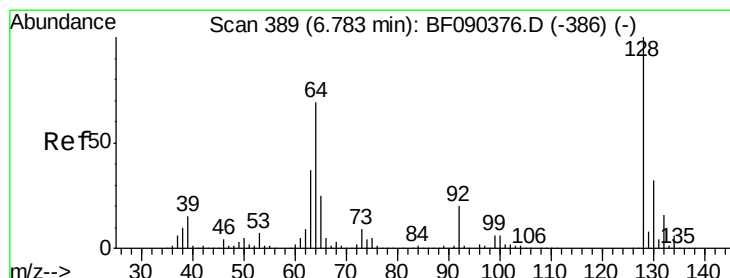
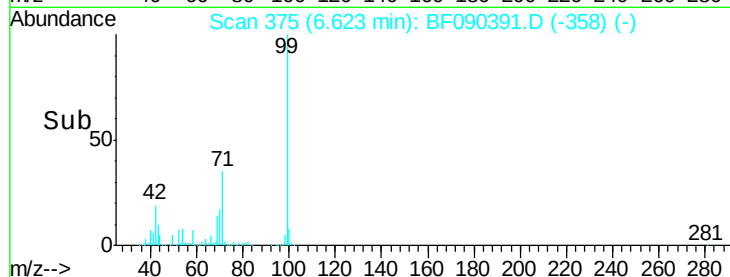
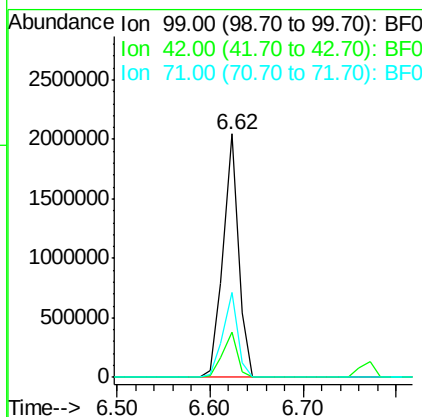
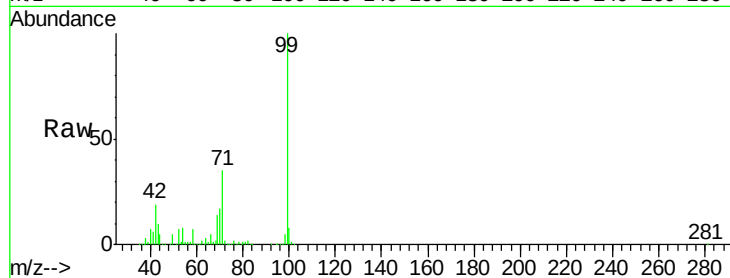
BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion: 99 Resp: 2369043

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.0	30.0#
71	34.7	27.9	41.9



#8

2-Chlorophenol

Concen: 5.04 ng

RT: 6.78 min Scan# 389

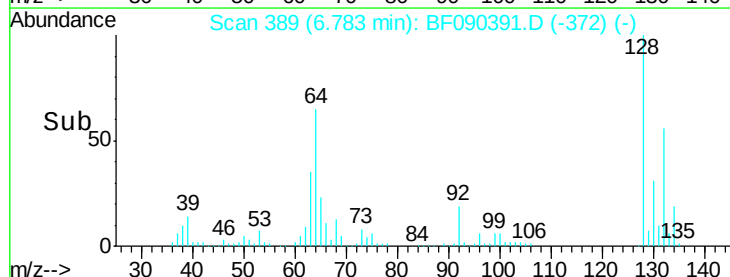
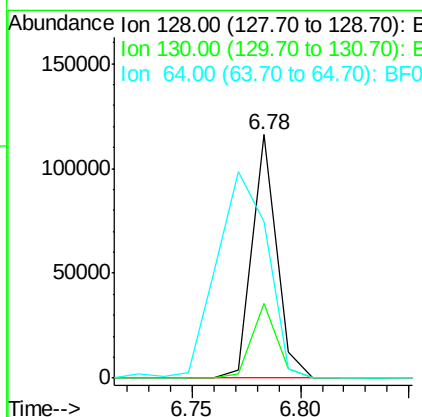
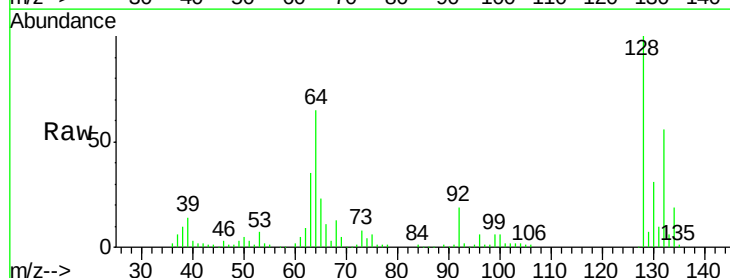
Delta R.T. -0.00 min

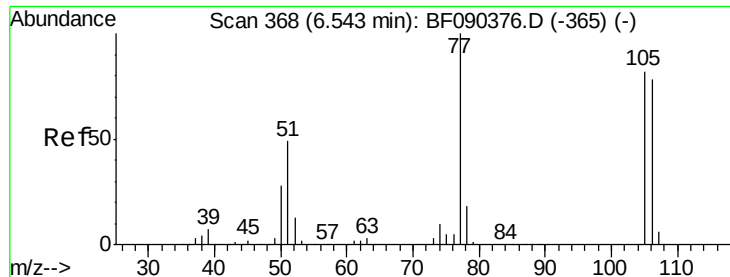
Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Tgt Ion: 128 Resp: 90507

Ion	Ratio	Lower	Upper
128	100		
130	30.7	13.3	53.3
64	64.5	36.0	76.0





#9

Benzaldehyde

Concen: 4.49 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

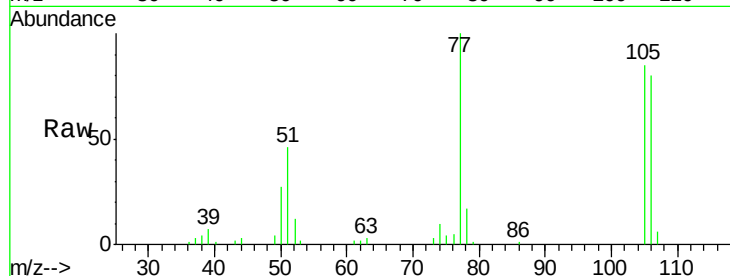
Tgt Ion: 77 Resp: 48468

Ion Ratio Lower Upper

77 100

105 85.0 73.1 113.1

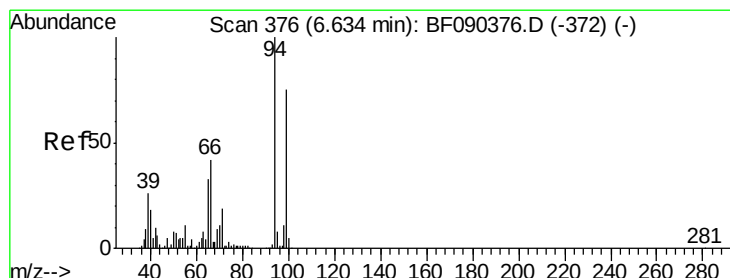
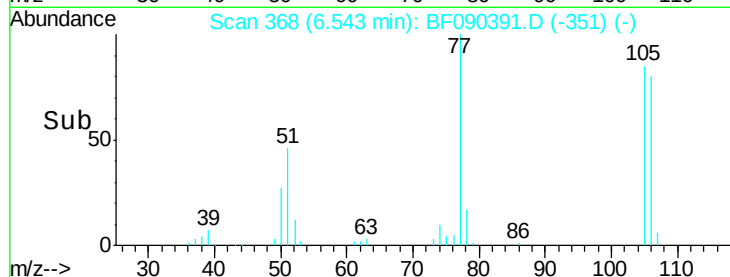
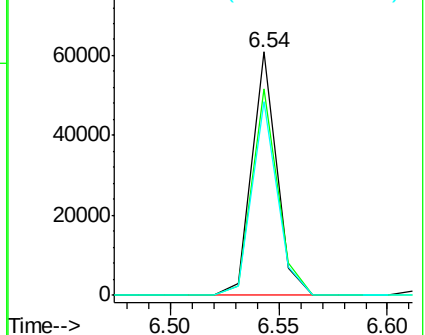
106 79.6 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 5.76 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

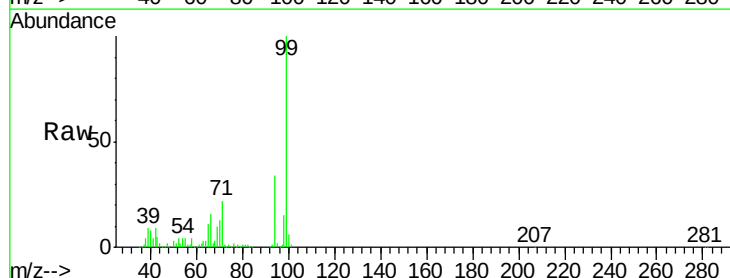
Tgt Ion: 94 Resp: 143008

Ion Ratio Lower Upper

94 100

65 34.1 13.3 53.3

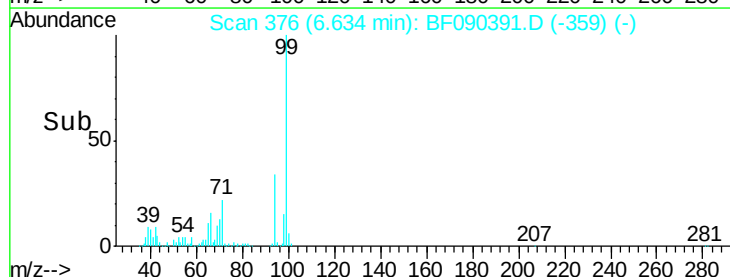
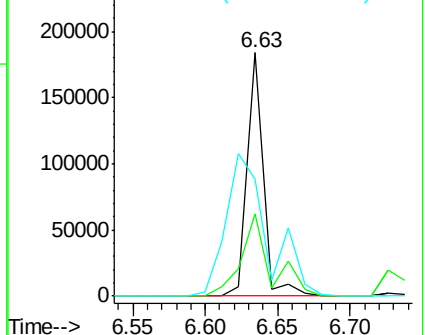
66 48.0 20.4 60.4

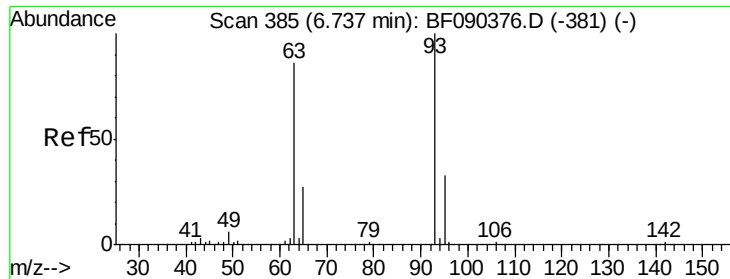


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

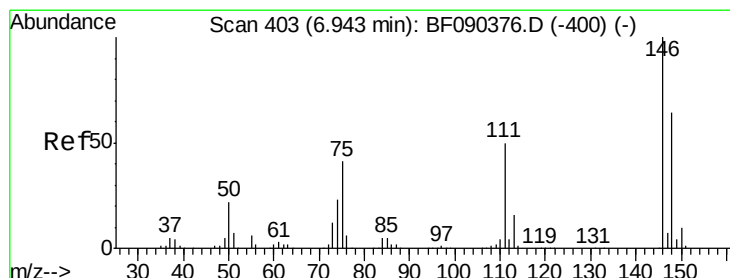
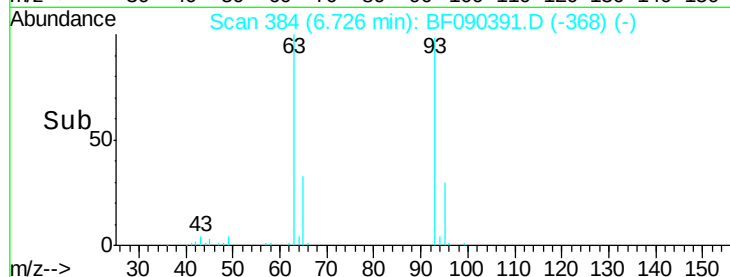
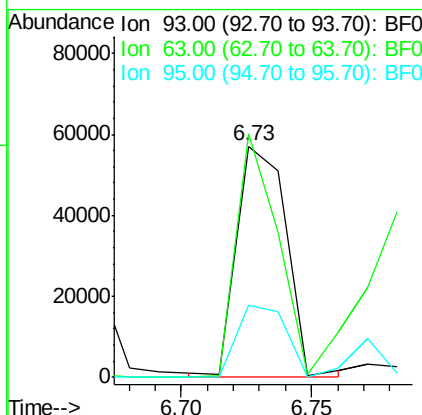
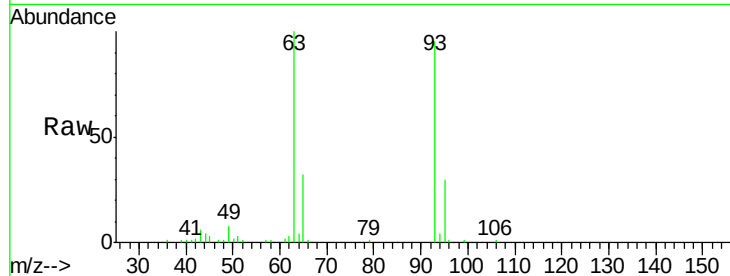




#11
bis(2-Chloroethyl)ether
Concen: 4.01 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

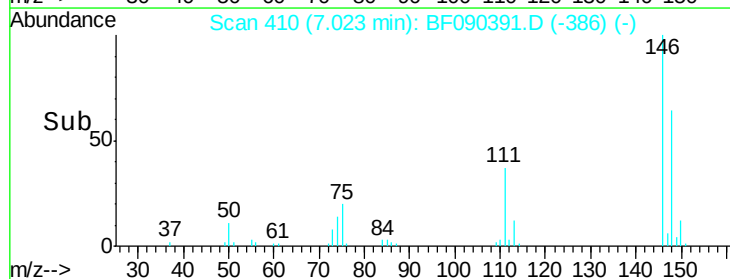
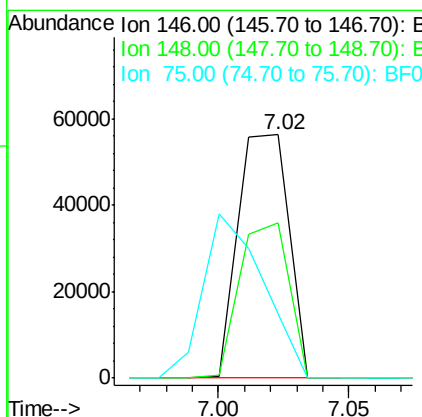
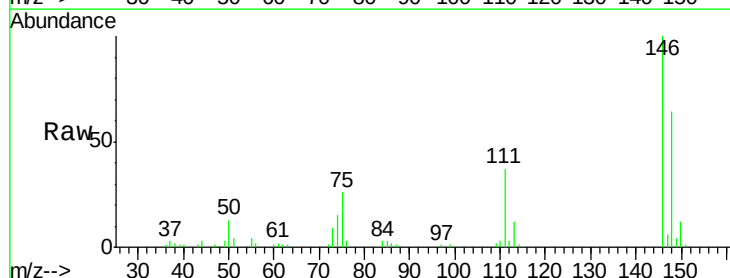
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

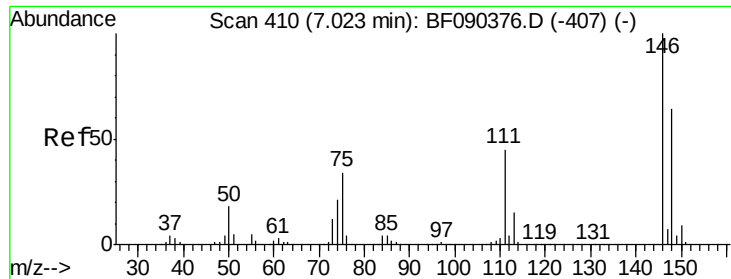
Tgt Ion: 93 Resp: 76267
Ion Ratio Lower Upper
93 100
63 105.2 59.7 99.7#
95 31.2 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 4.32 ng
RT: 7.02 min Scan# 410
Delta R.T. 0.08 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion: 146 Resp: 77267
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
75 26.4 21.4 32.2

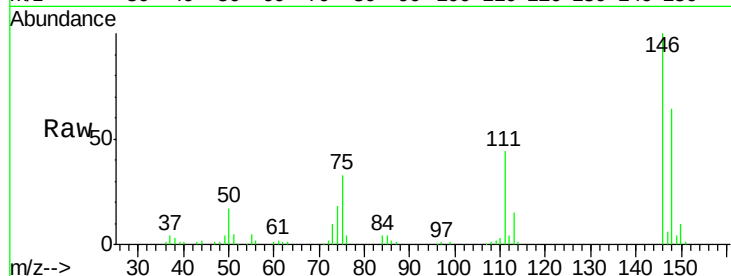




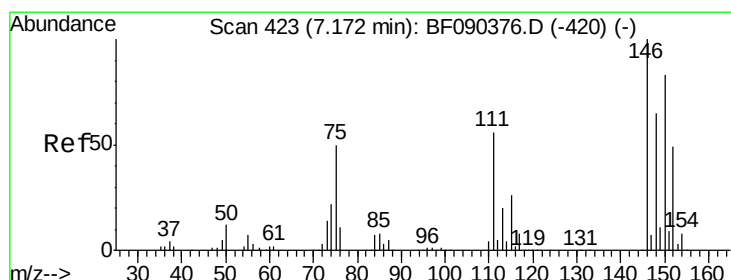
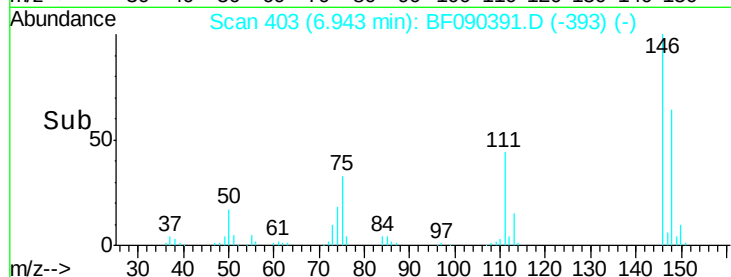
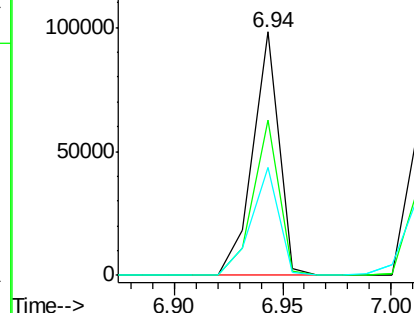
#13
 1,4-Dichlorobenzene
 Concen: 4.50 ng
 RT: 6.94 min Scan# 403
 Delta R.T. -0.08 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:146 Resp: 81882
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 44.2 37.8 56.6

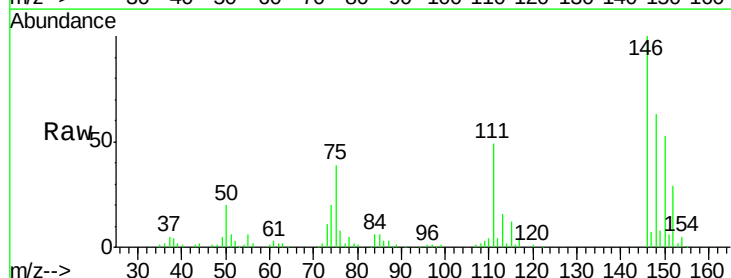


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

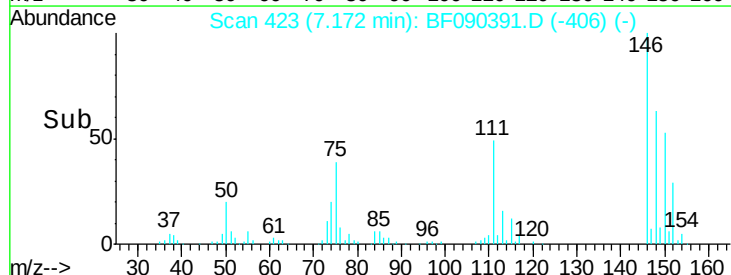
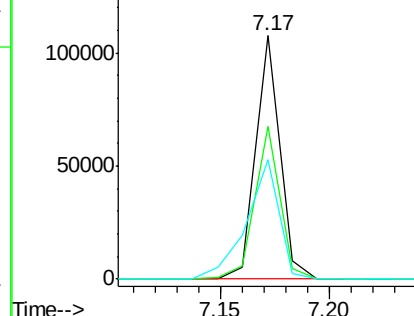


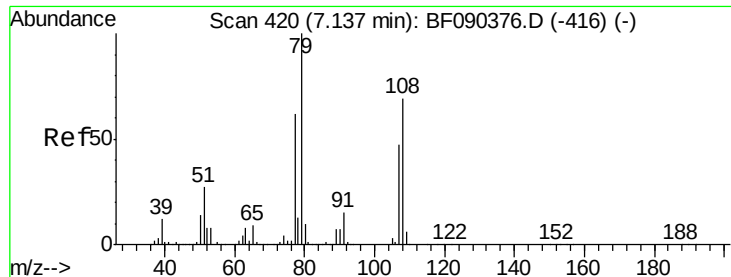
#14
 1,2-Dichlorobenzene
 Concen: 4.75 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:146 Resp: 83222
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.3 78.5
 111 48.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.01 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

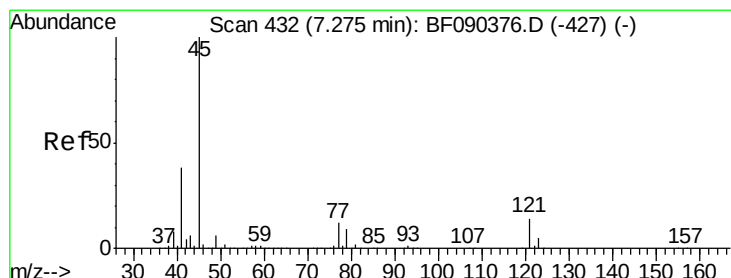
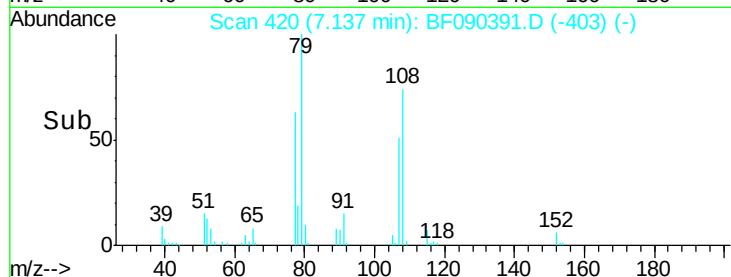
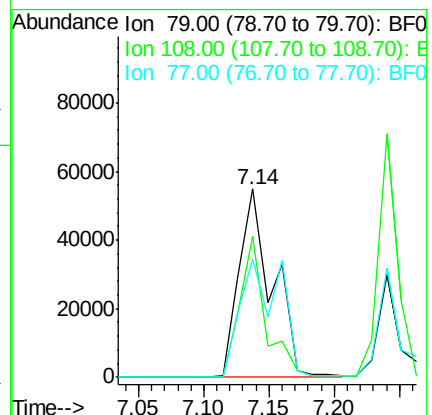
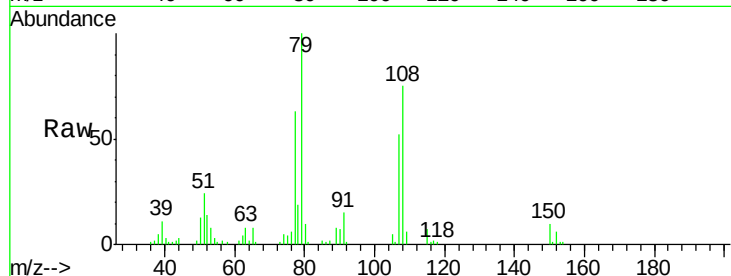
Tgt Ion: 79 Resp: 97645

Ion Ratio Lower Upper

79 100

108 74.9 60.9 91.3

77 62.5 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.58 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

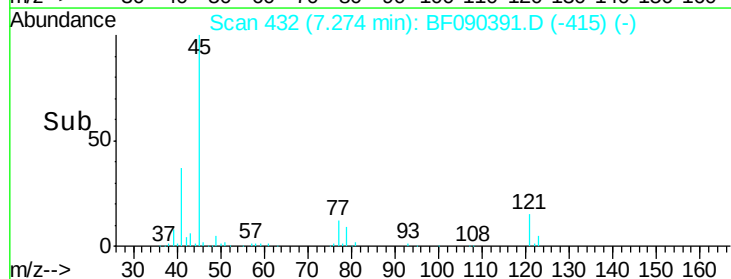
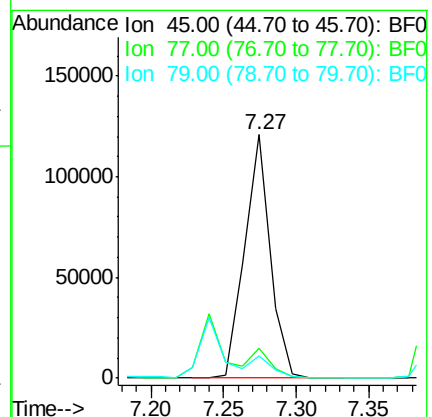
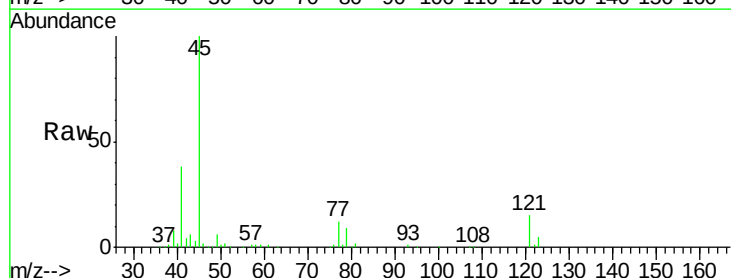
Tgt Ion: 45 Resp: 147728

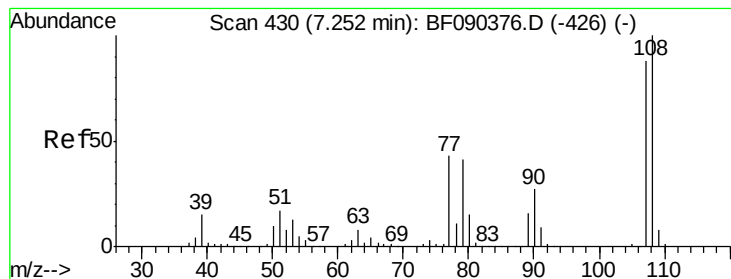
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.8

79 9.3 0.0 28.2

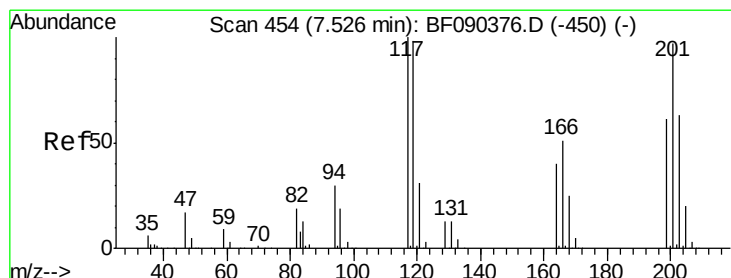
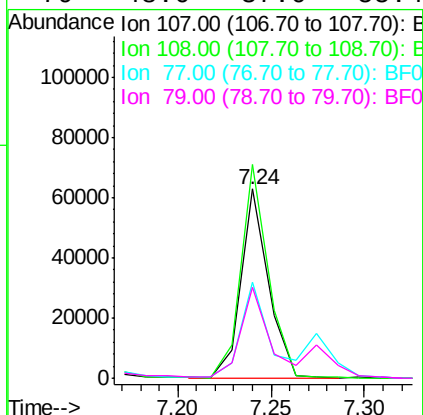
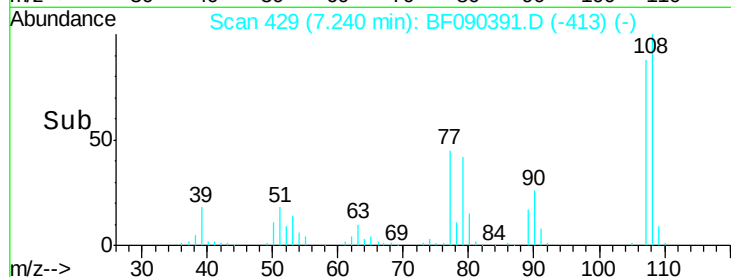
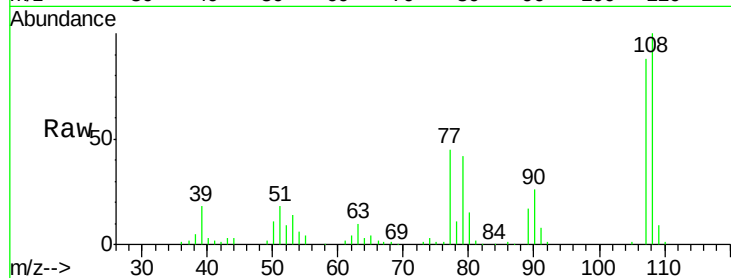




#17
2-Methylphenol
Concen: 4.35 ng
RT: 7.24 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

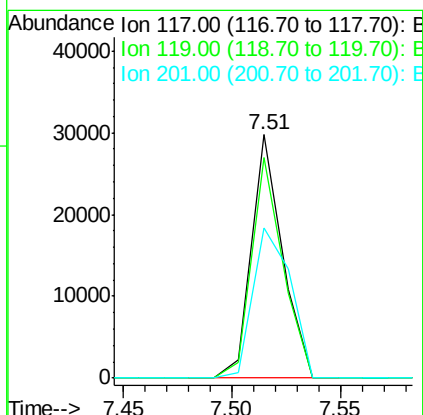
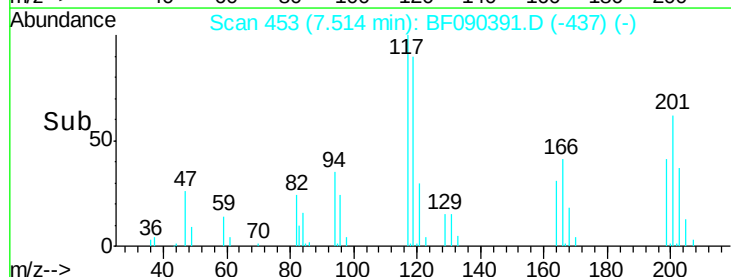
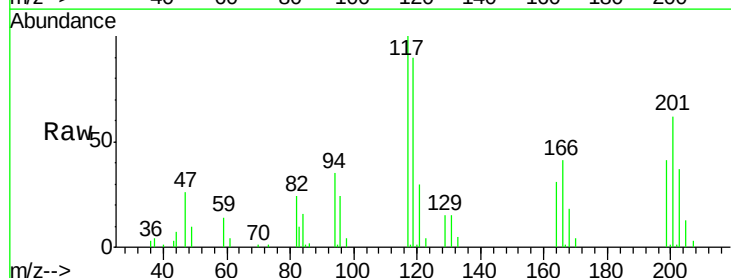
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

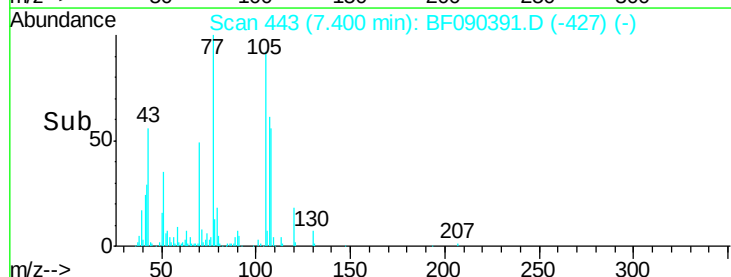
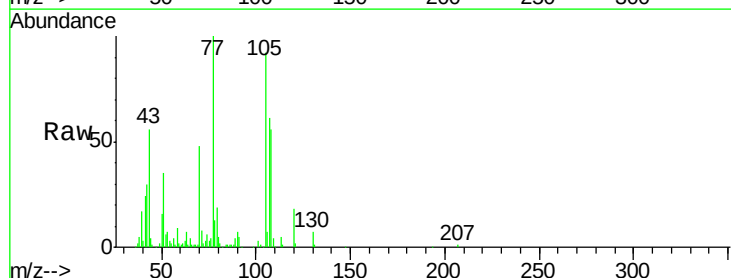
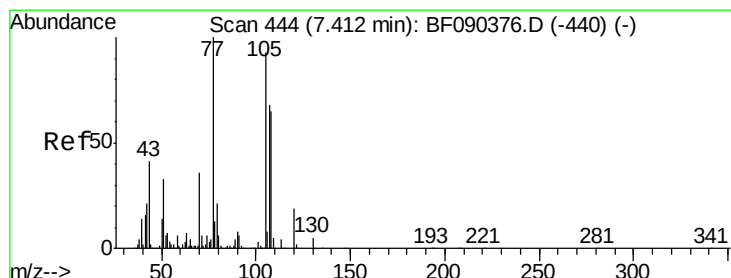
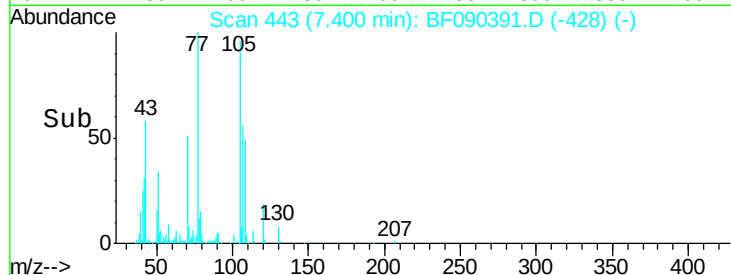
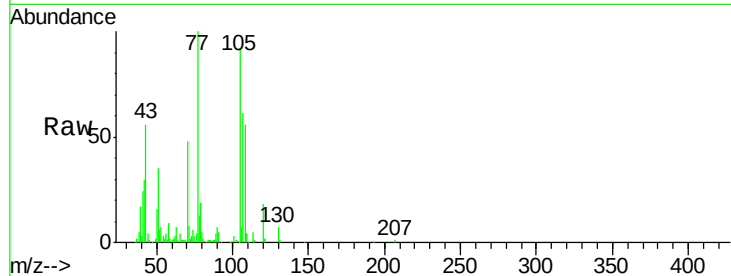
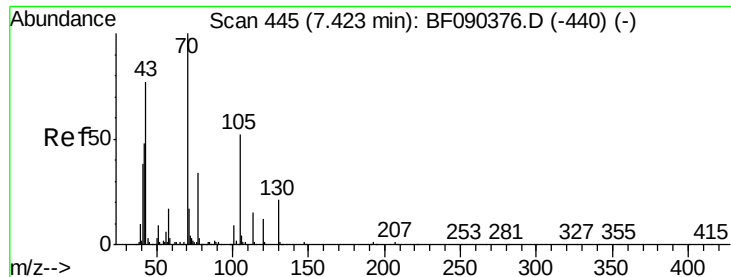
Tgt Ion:107 Resp: 64256
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 50.9 38.2 57.4
79 48.0 37.0 55.4



#18
Hexachloroethane
Concen: 4.10 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:117 Resp: 29353
Ion Ratio Lower Upper
117 100
119 90.4 75.9 113.9
201 61.7 66.5 99.7#

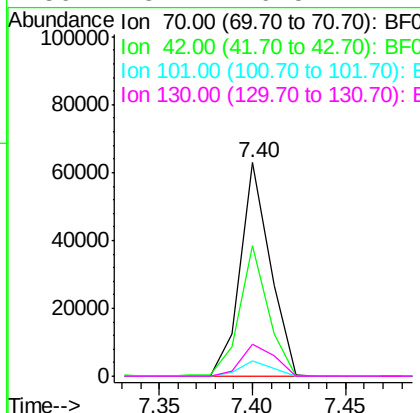




#19
n-Nitroso-di-n-propylamine
Concen: 4.48 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

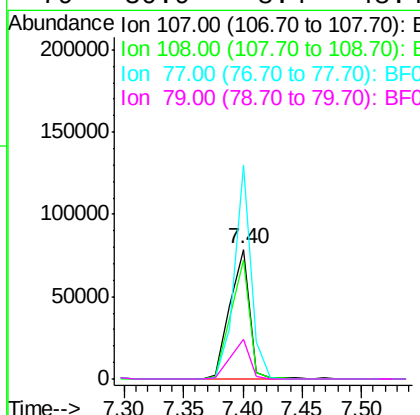
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

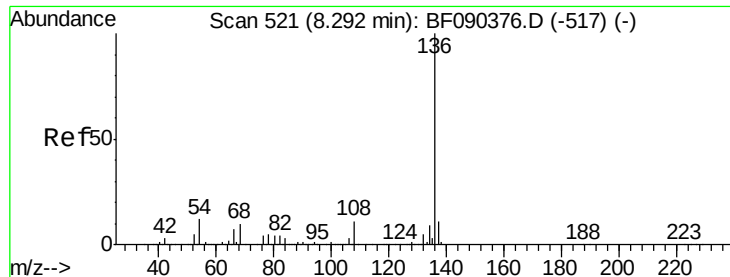
Tgt Ion: 70 Resp: 70199
Ion Ratio Lower Upper
70 100
42 61.2 55.4 83.2
101 7.0 7.6 11.4#
130 15.1 16.5 24.7#



#20
3+4-Methylphenols
Concen: 4.74 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion: 107 Resp: 90694
Ion Ratio Lower Upper
107 100
108 92.1 66.7 106.7
77 164.8 53.7 93.7#
79 30.9 8.4 48.4

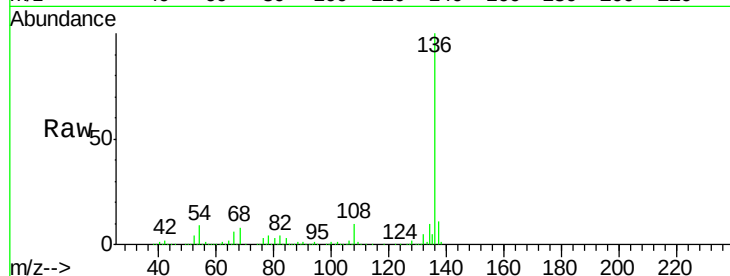




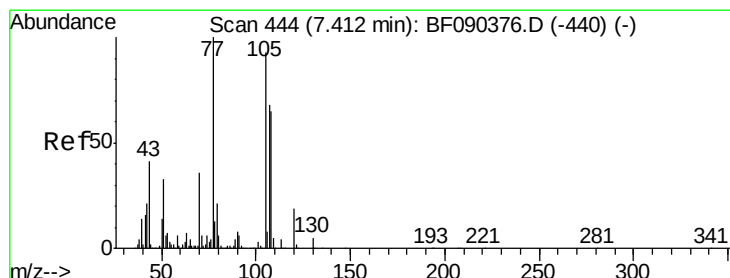
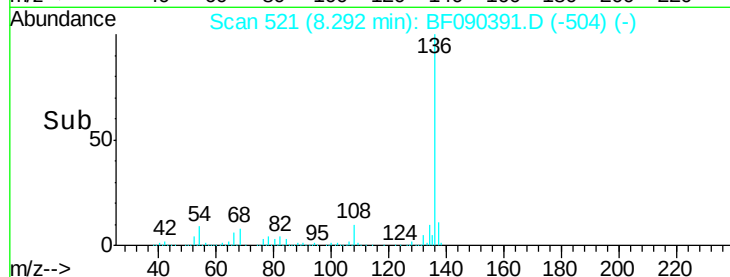
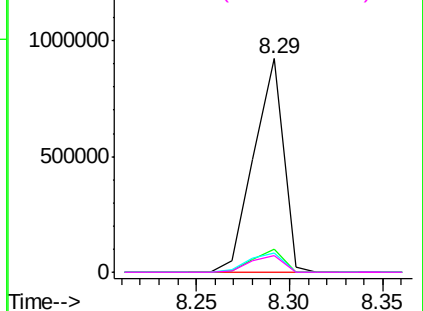
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:	136	Resp:	1019229
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.0	6.6	10.0
68	7.7	5.0	7.6#

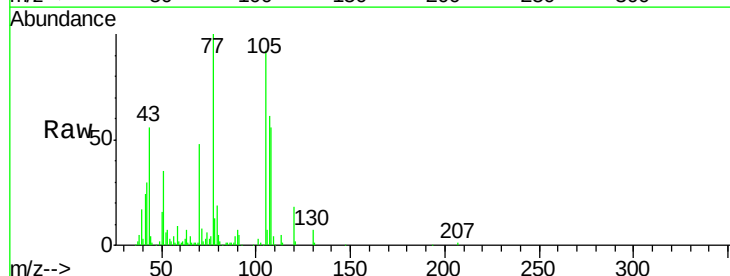


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

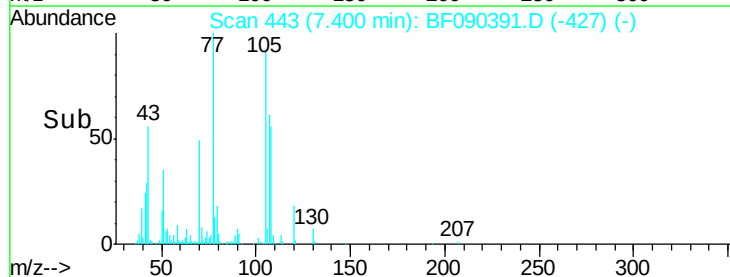
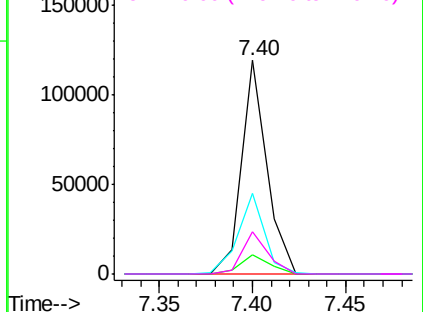


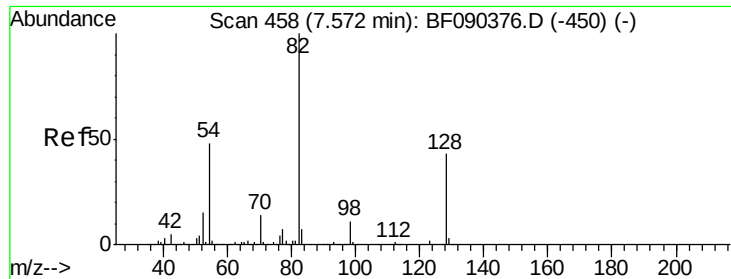
#22
Acetophenone
Concen: 4.64 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:	105	Resp:	112039
Ion	Ratio	Lower	Upper
105	100		
71	8.7	3.8	5.6#
51	37.6	28.2	42.4
120	19.8	17.4	26.2



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

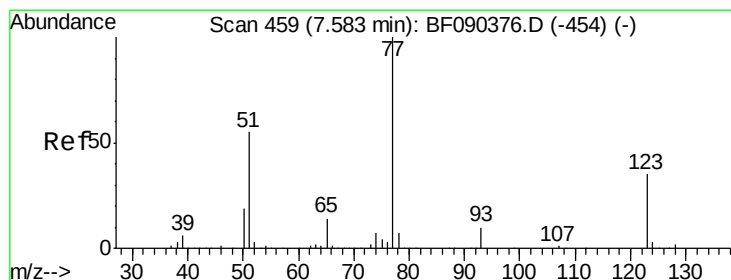
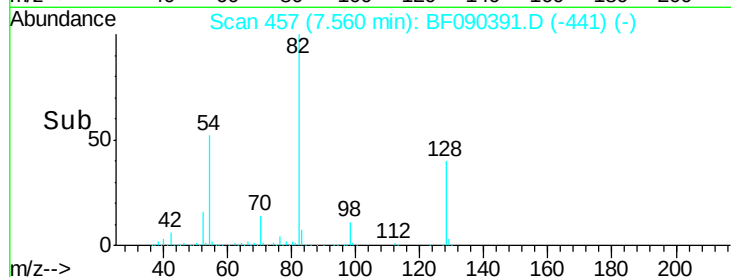
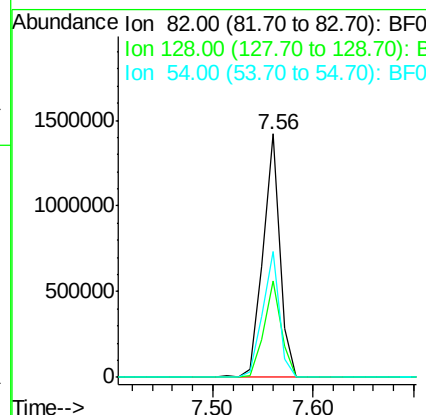
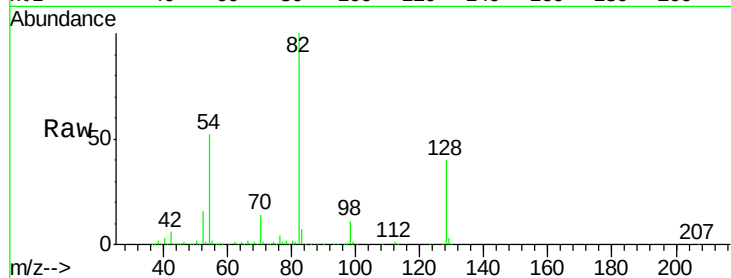




#23
 Nitrobenzene-d5
 Concen: 78.76 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

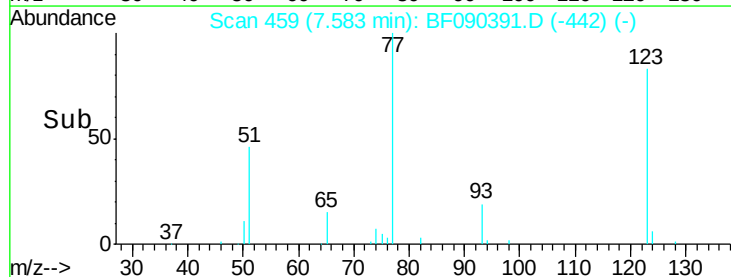
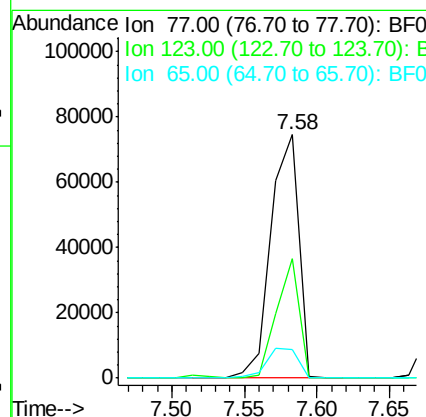
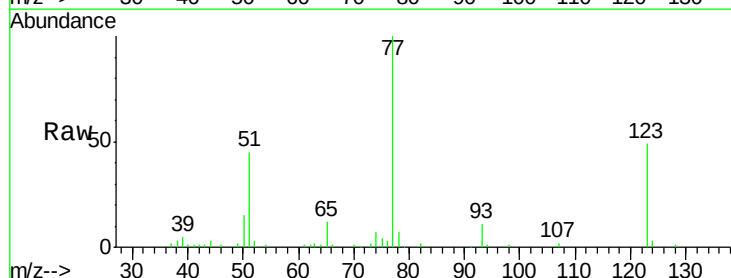
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

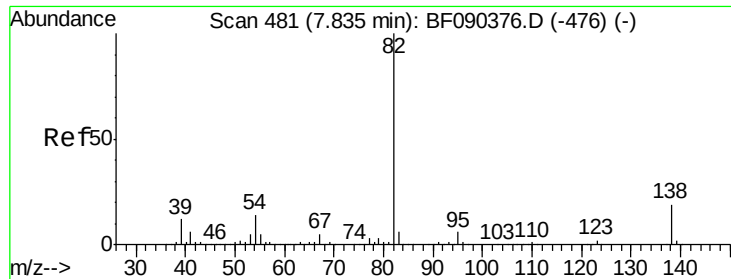
Tgt Ion: 82 Resp: 1650226
 Ion Ratio Lower Upper
 82 100
 128 39.6 40.0 60.0#
 54 51.9 42.6 64.0



#24
 Nitrobenzene
 Concen: 4.78 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion: 77 Resp: 99463
 Ion Ratio Lower Upper
 77 100
 123 49.1 33.0 49.4
 65 11.6 12.0 18.0#





#25

Isophorone

Concen: 4.47 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

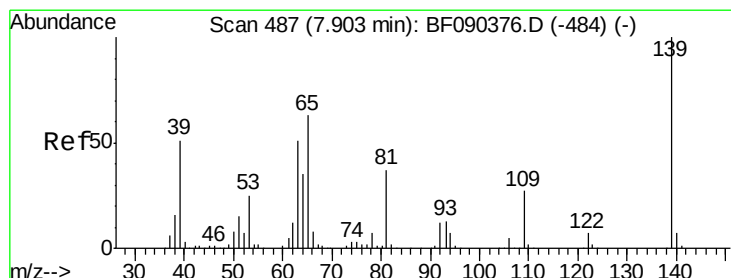
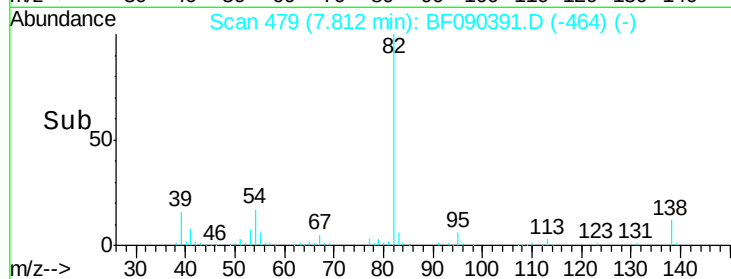
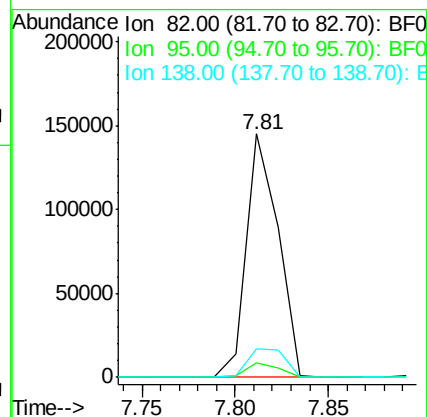
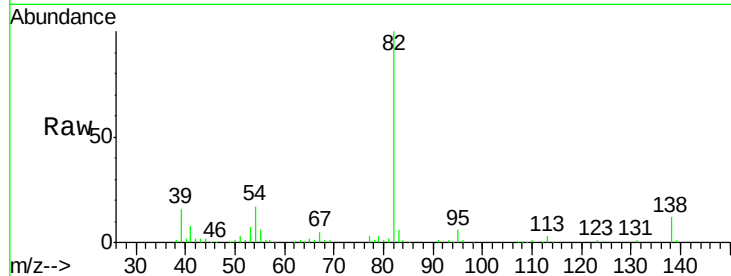
Tgt Ion: 82 Resp: 171073

Ion Ratio Lower Upper

82 100

95 5.8 5.2 7.8

138 12.0 13.0 19.4#



#26

2-Nitrophenol

Concen: 3.75 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

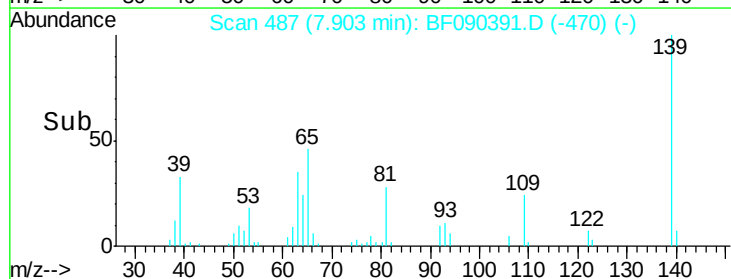
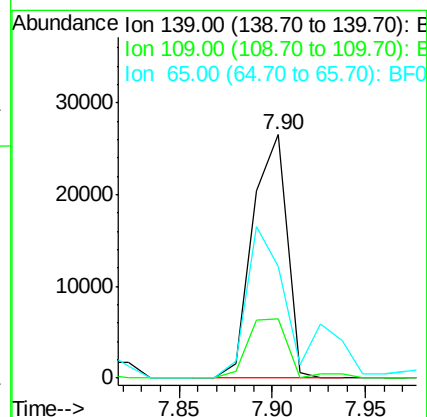
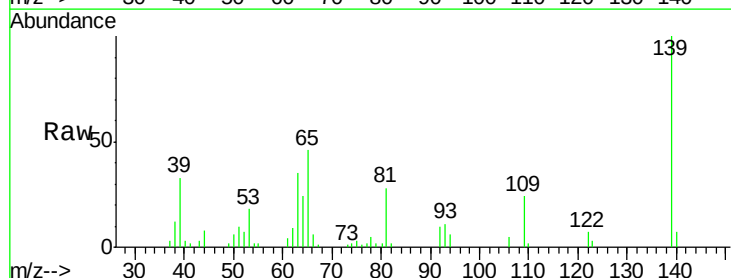
Tgt Ion: 139 Resp: 33575

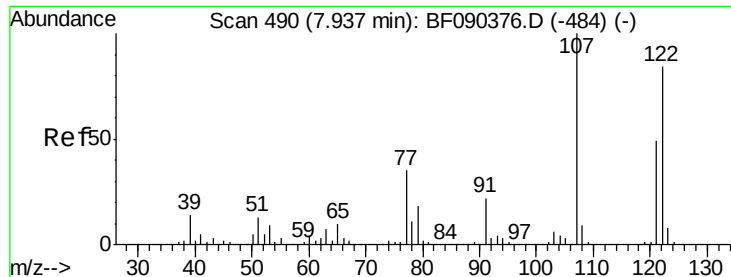
Ion Ratio Lower Upper

139 100

109 24.3 18.9 28.3

65 46.0 31.6 47.4

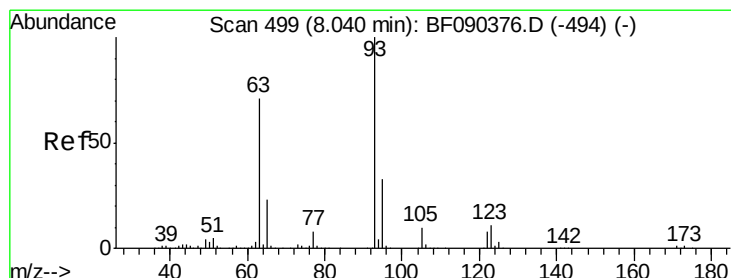
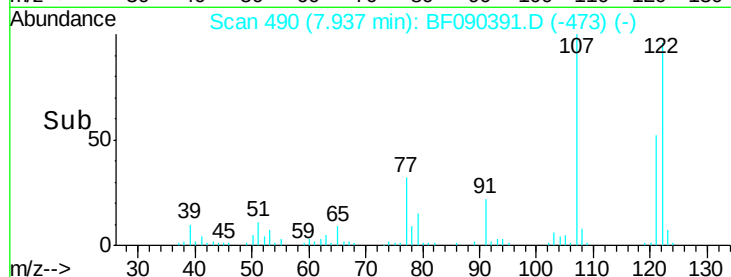
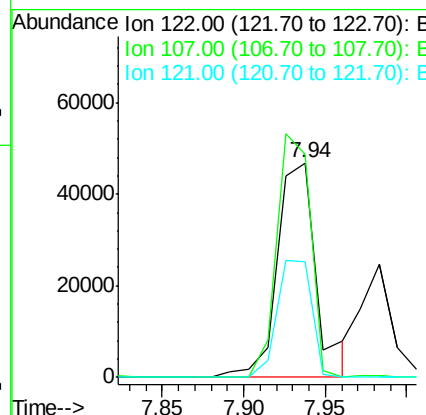
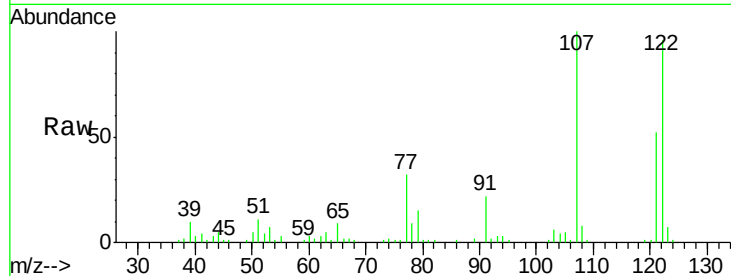




#27
 2,4-Dimethylphenol
 Concen: 4.51 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

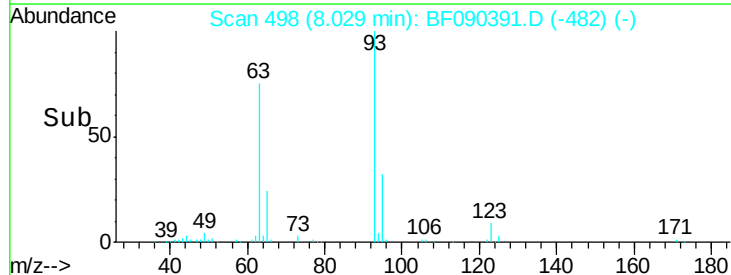
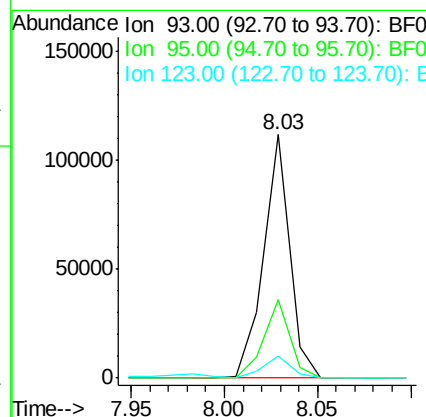
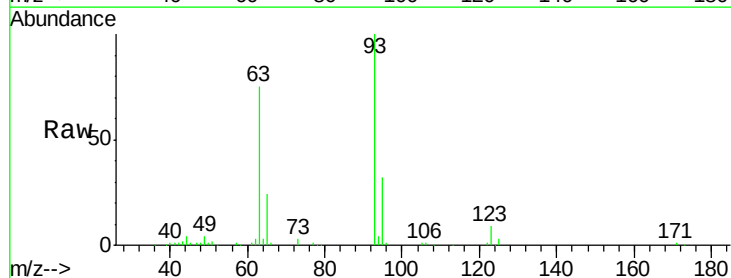
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

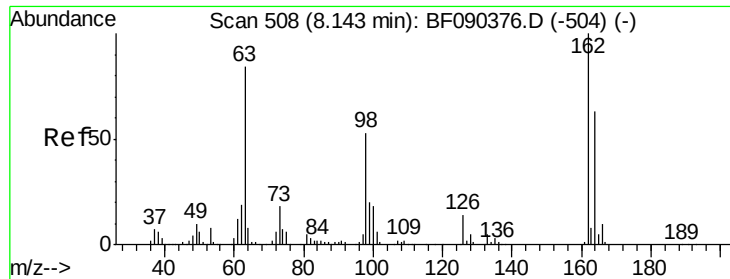
Tgt Ion: 122 Resp: 78545
 Ion Ratio Lower Upper
 122 100
 107 103.9 88.6 132.8
 121 54.1 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.74 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion: 93 Resp: 107399
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.0 40.4
 123 8.9 11.1 16.7#

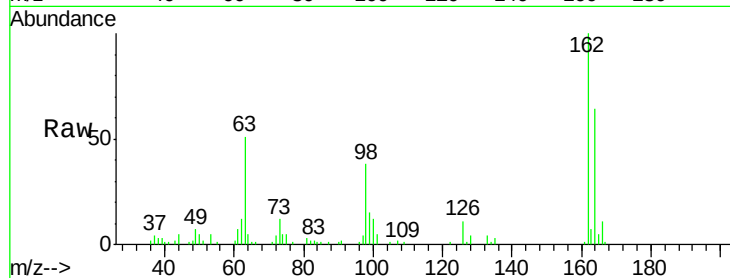




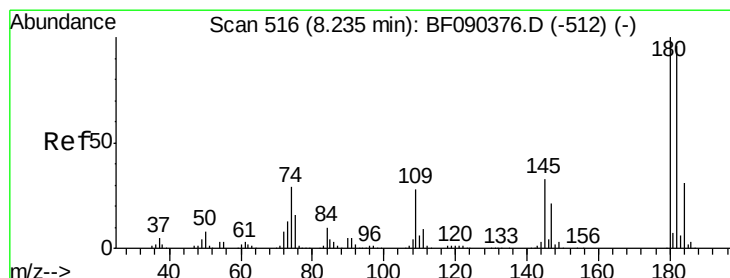
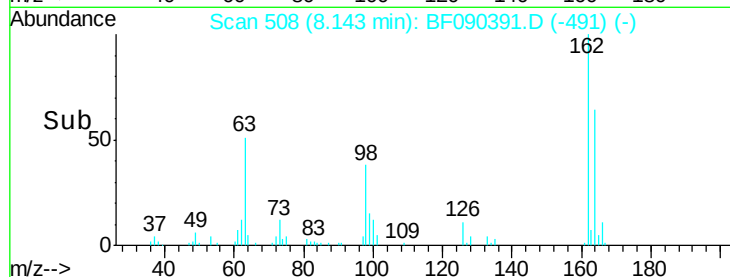
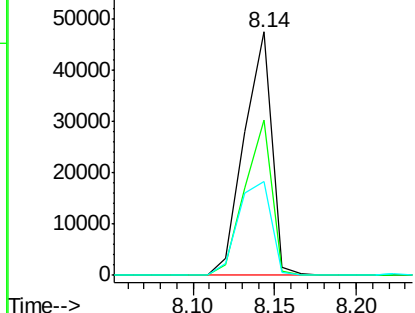
#29
 2,4-Dichlorophenol
 Concen: 4.19 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:162 Resp: 55422
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.7 85.7
 98 38.3 13.3 53.3

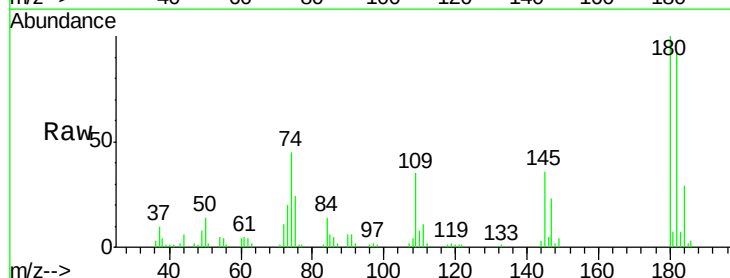


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

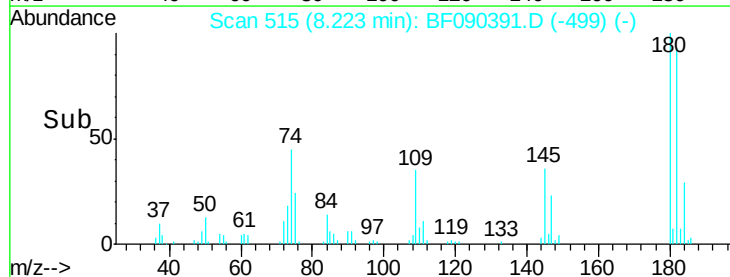
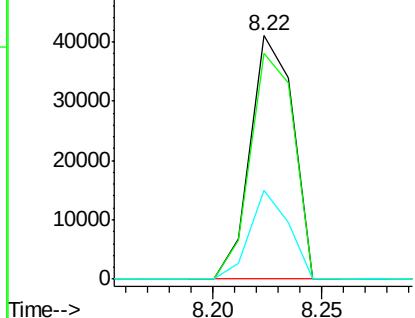


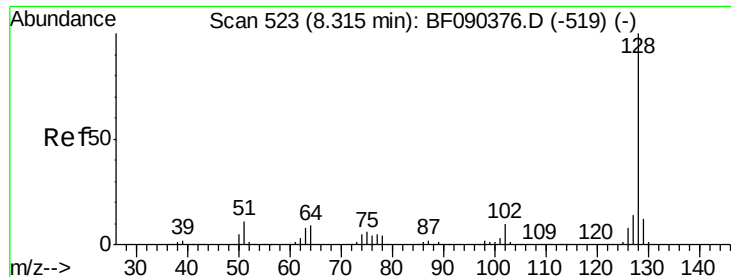
#30
 1,2,4-Trichlorobenzene
 Concen: 4.12 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:180 Resp: 56145
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.3 112.9
 145 36.3 27.7 41.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

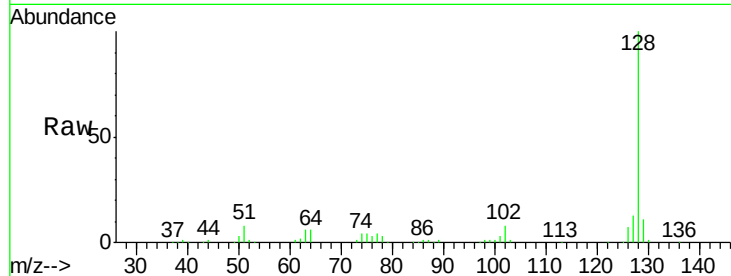




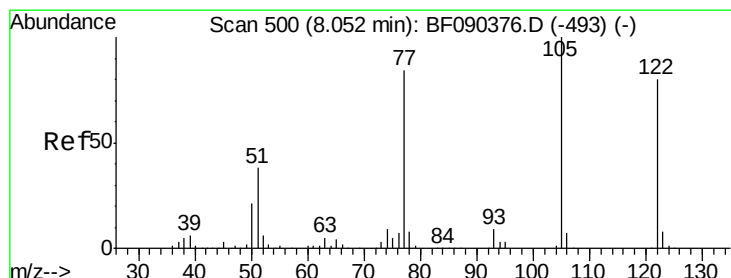
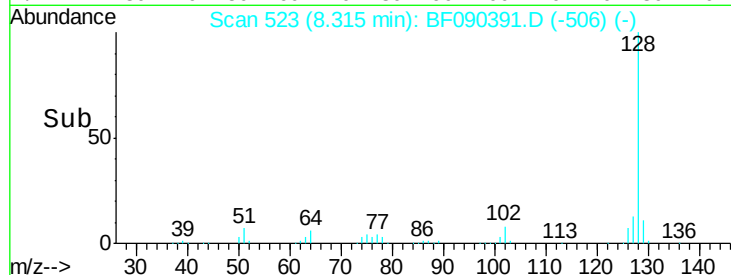
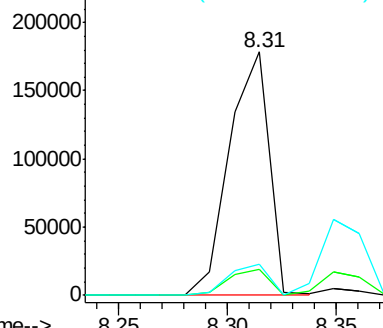
#31
Naphthalene
Concen: 4.64 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:128 Resp: 228306
Ion Ratio Lower Upper
128 100
129 10.6 9.7 14.5
127 12.6 11.7 17.5

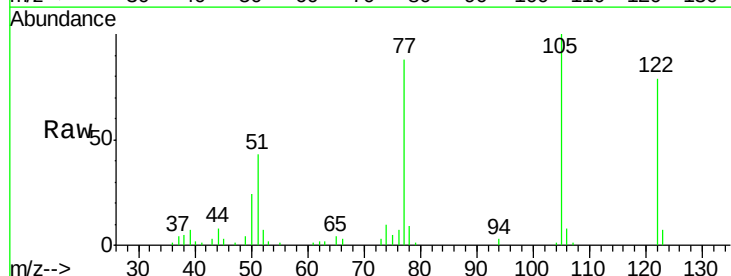


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

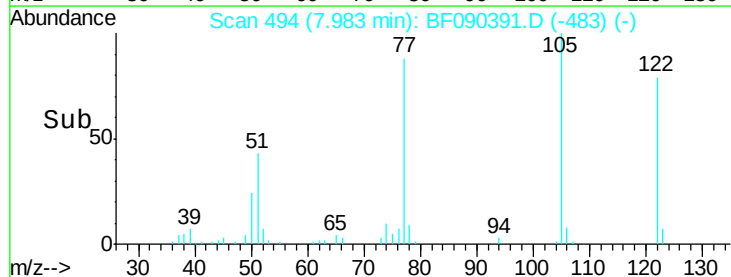
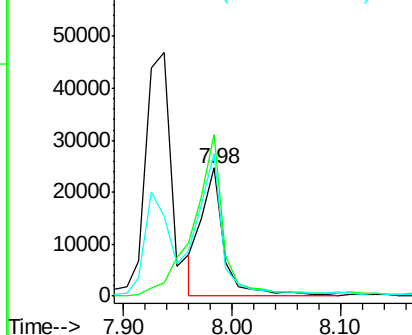


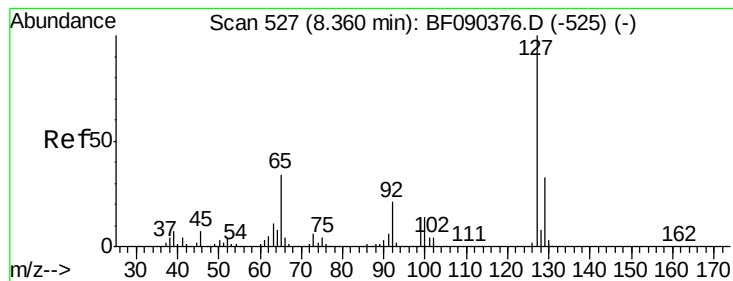
#32
Benzoic acid
Concen: 3.00 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.07 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:122 Resp: 36283
Ion Ratio Lower Upper
122 100
105 126.4 103.9 143.9
77 111.6 74.6 114.6



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: 3.90 ng

RT: 8.35 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

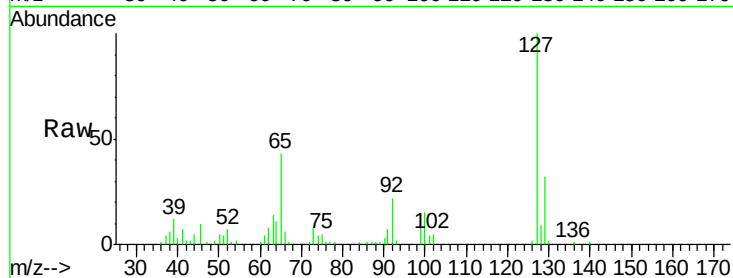
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	127	Resp:	79169
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	43.0	32.5	48.7
92	21.9	17.2	25.8

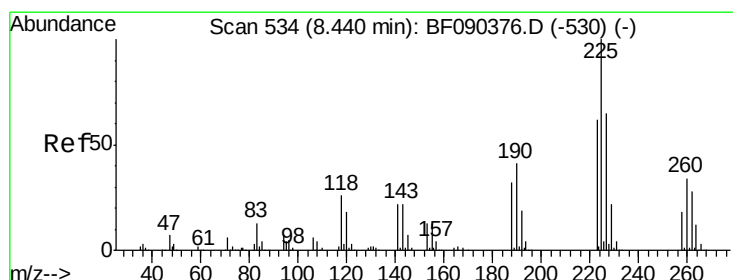
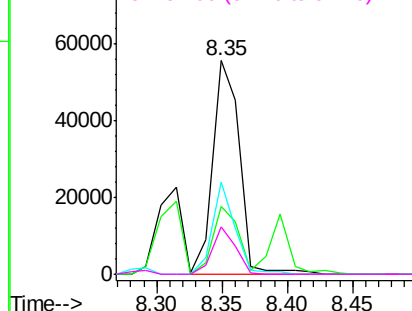
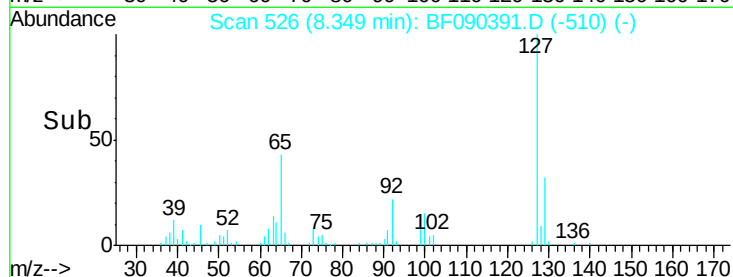


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 3.77 ng

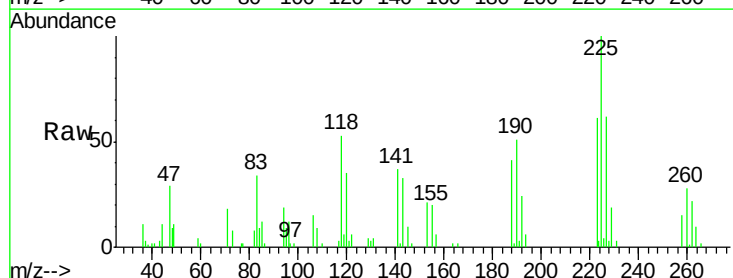
RT: 8.43 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

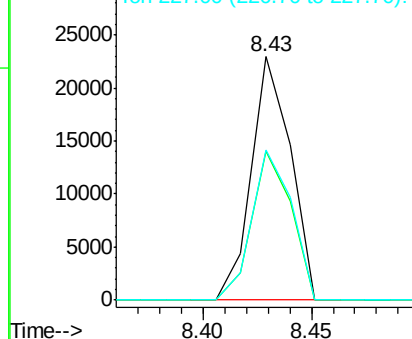
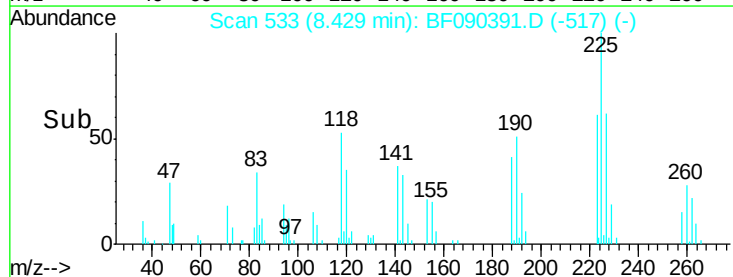
Tgt Ion:	225	Resp:	28764
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.4
227	61.8	50.8	76.2

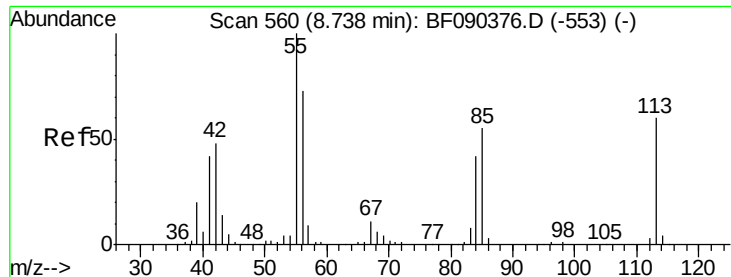


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

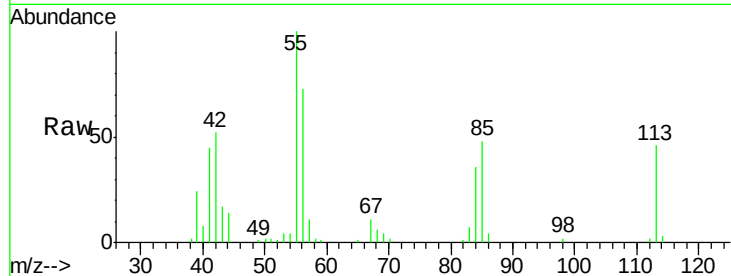




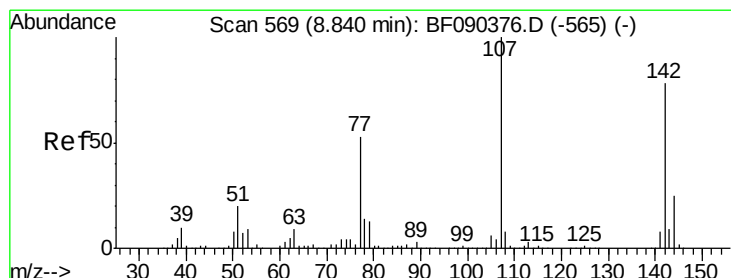
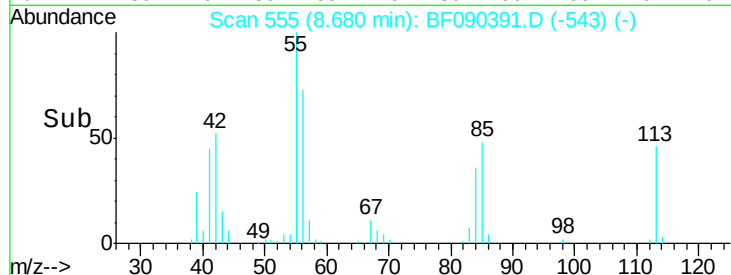
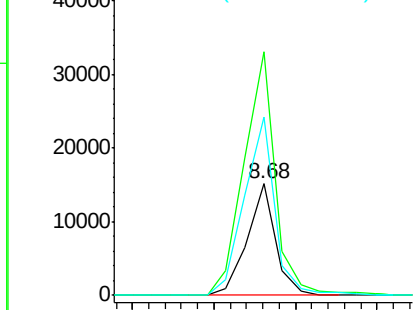
#35
 Caprolactam
 Concen: 4.09 ng
 RT: 8.68 min Scan# 555
 Delta R.T. -0.06 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:113 Resp: 18212
 Ion Ratio Lower Upper
 113 100
 55 218.0 203.3 243.3
 56 160.0 140.5 180.5

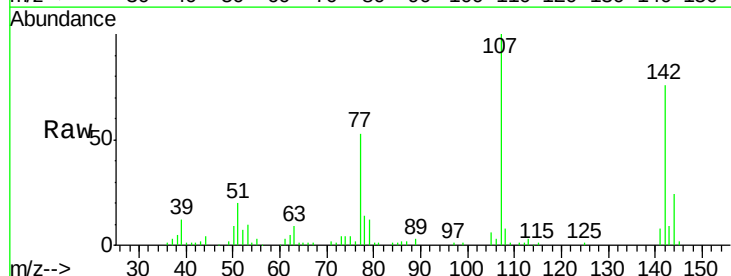


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

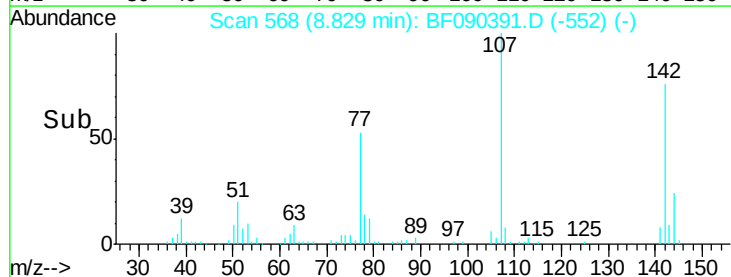
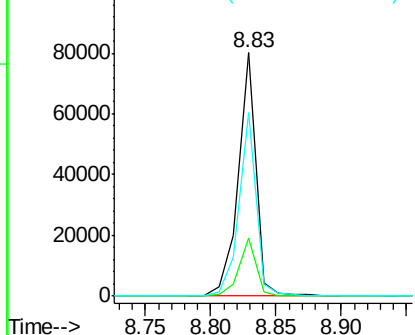


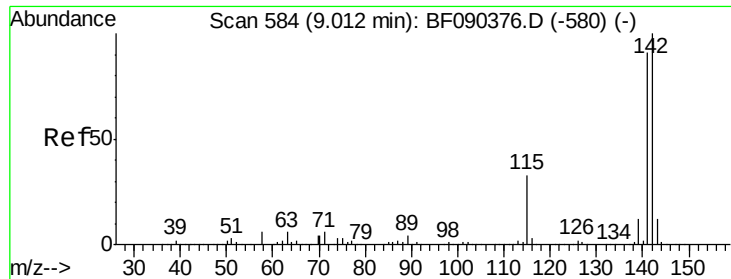
#36
 4-Chloro-3-methylphenol
 Concen: 4.53 ng
 RT: 8.83 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:107 Resp: 75046
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.8
 142 75.6 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

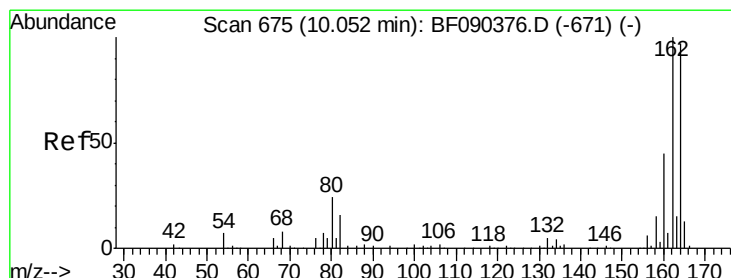
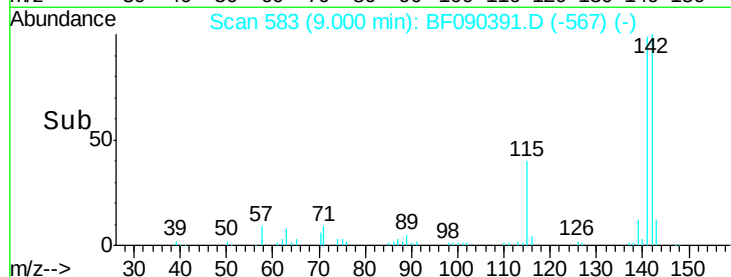
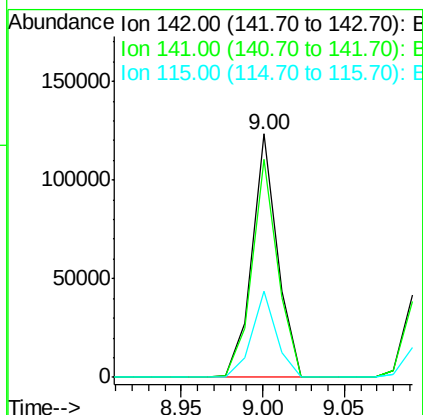
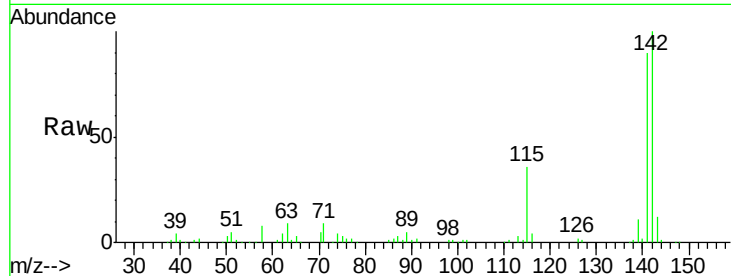




#37
 2-Methylnaphthalene
 Concen: 4.51 ng
 RT: 9.00 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

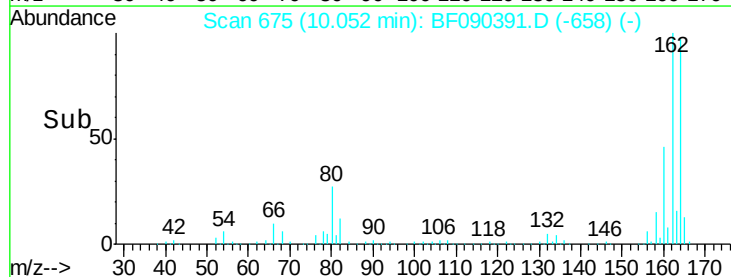
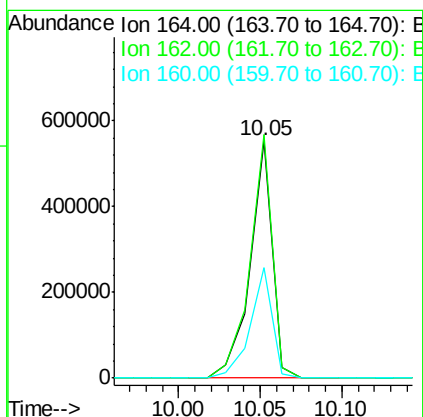
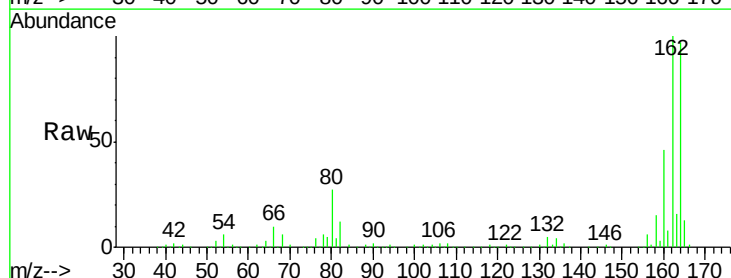
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

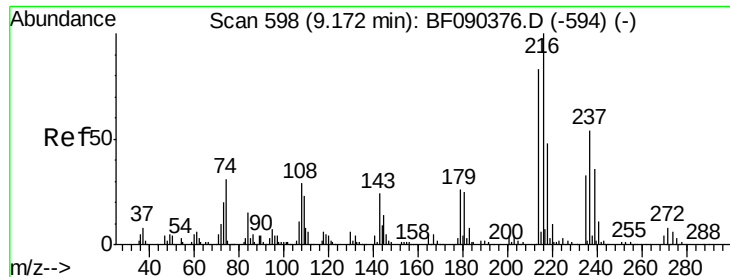
Tgt Ion:142 Resp: 134368
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.8 107.8
 115 35.6 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:164 Resp: 520080
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.1 120.1
 160 46.7 36.3 54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.00 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:216 Resp: 54890

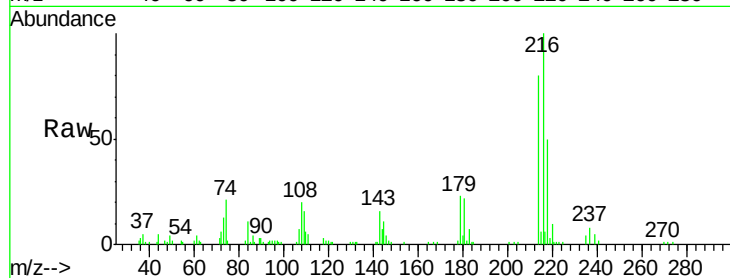
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 24.1 18.0 27.0

108 25.3 15.2 22.8#

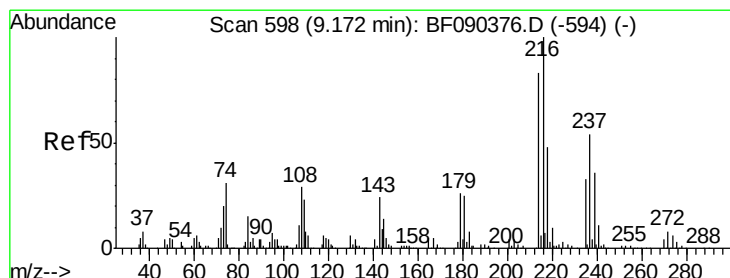
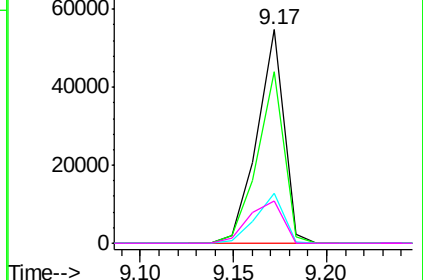
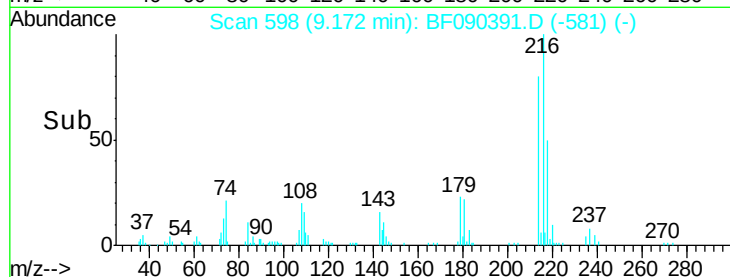


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.48 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

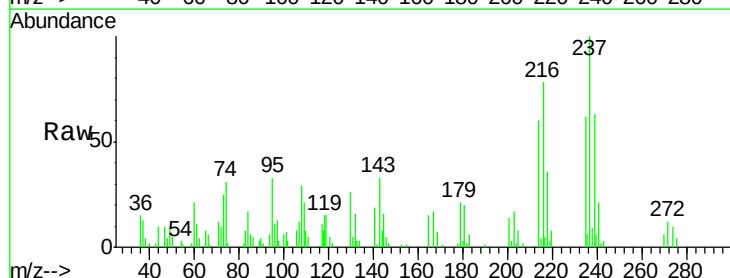
Tgt Ion:237 Resp: 26183

Ion Ratio Lower Upper

237 100

235 61.8 43.6 83.6

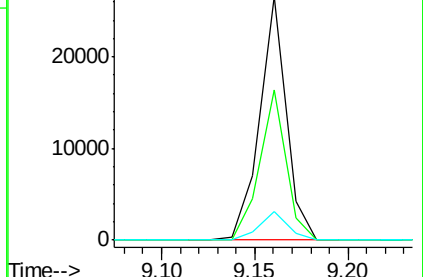
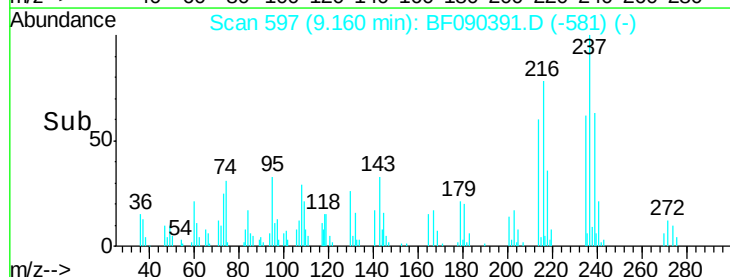
272 12.0 0.0 32.7

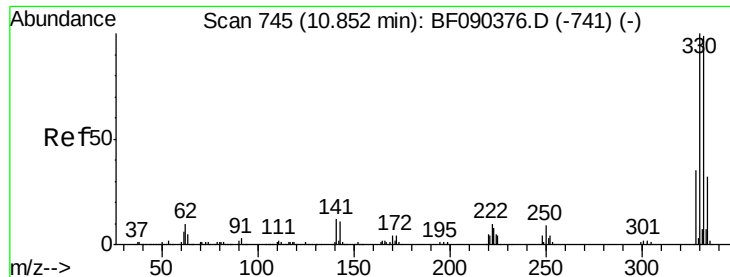


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

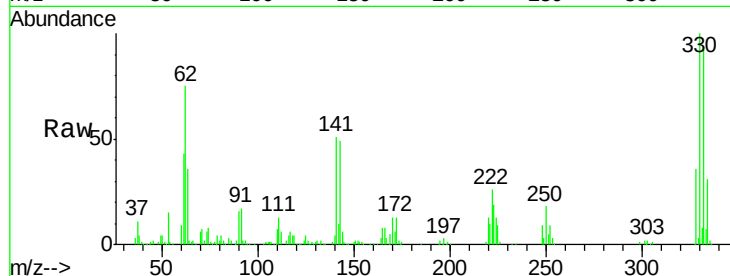




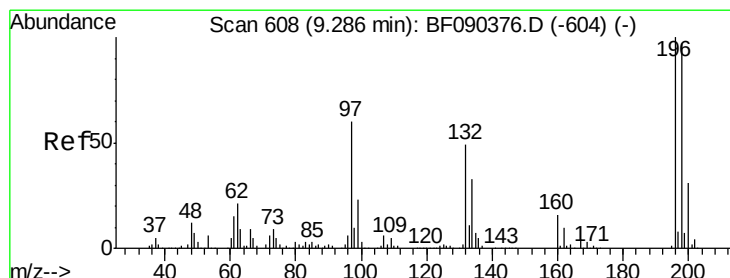
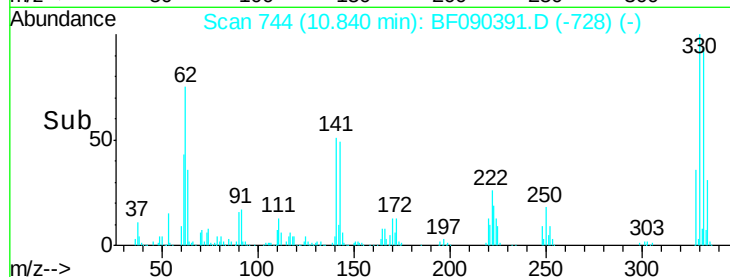
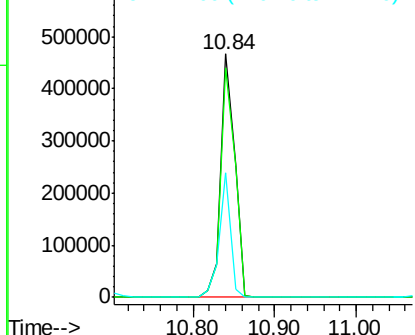
#41
 2,4,6-Tribromophenol
 Concen: 131.28 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:330 Resp: 555172
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 41.4 26.9 40.3#

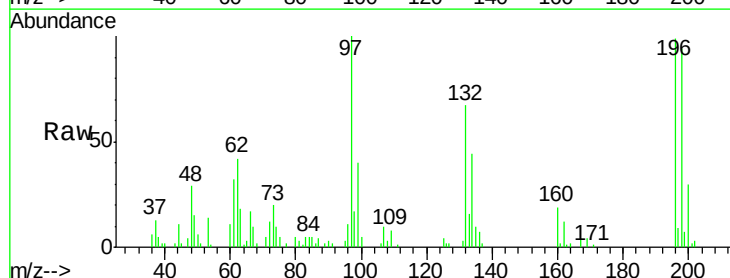


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

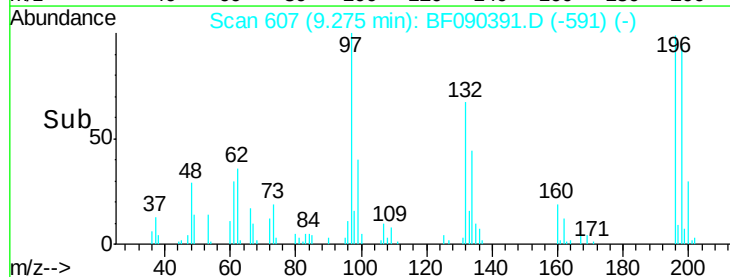
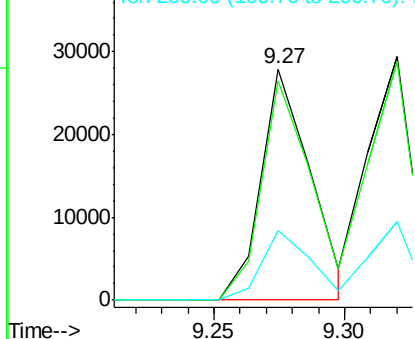


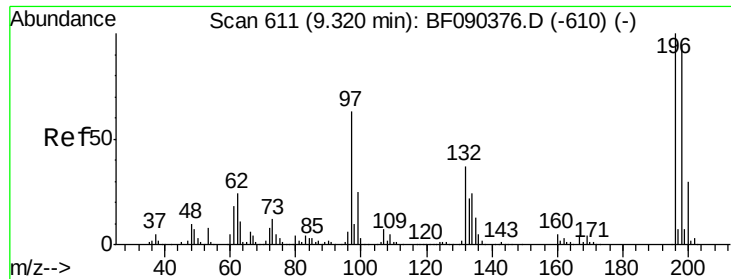
#42
 2,4,6-Trichlorophenol
 Concen: 3.90 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:196 Resp: 36900
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.9 118.3
 200 30.2 25.4 38.2



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

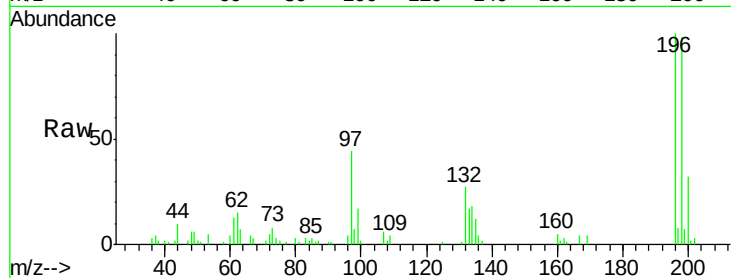




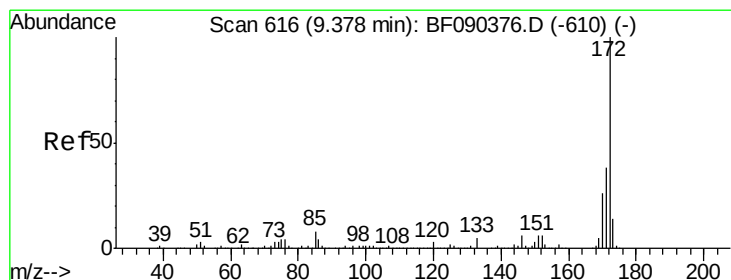
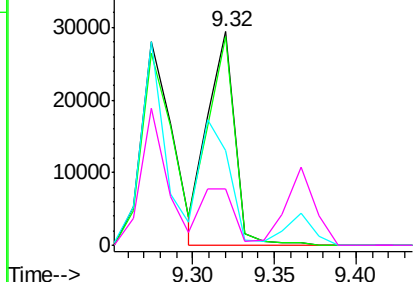
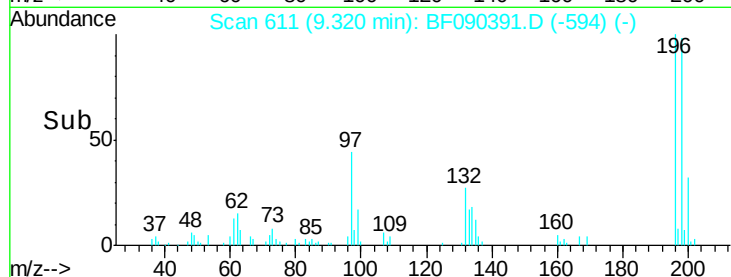
#43
 2,4,5-Trichlorophenol
 Concen: 3.84 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:196 Resp: 34378
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.1 117.1
 97 44.5 48.1 72.1#
 132 26.6 27.4 41.2#

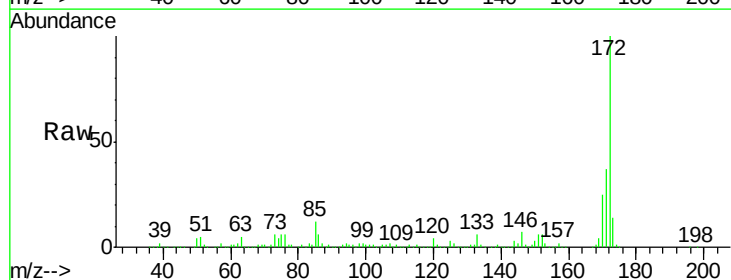


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

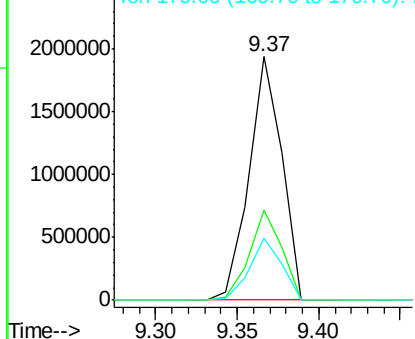
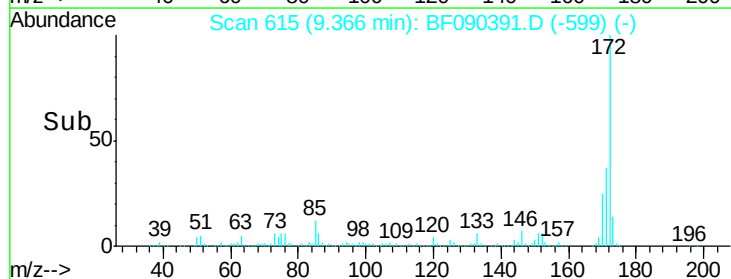


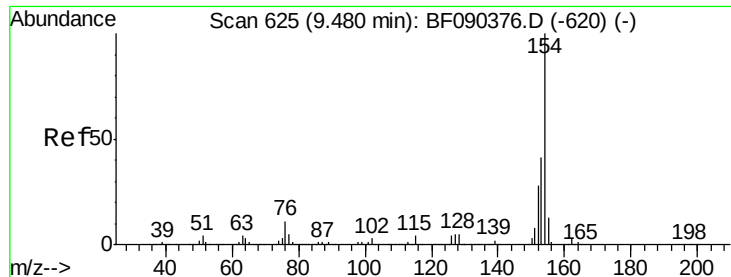
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:172 Resp: 2690913
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.8 47.8
 170 25.3 21.7 32.5



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

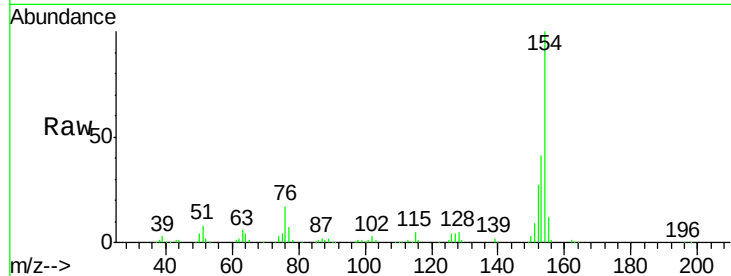




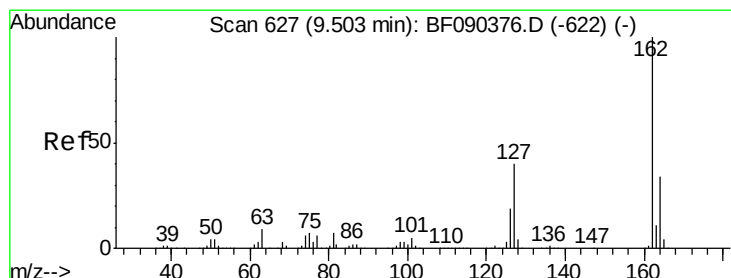
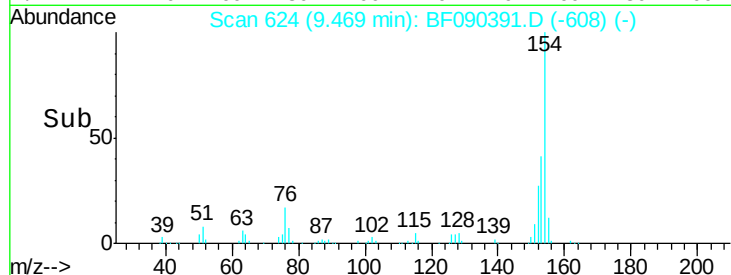
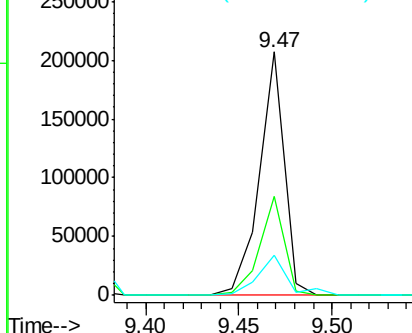
#45
 1,1'-Biphenyl
 Concen: 4.93 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:154 Resp: 190057
 Ion Ratio Lower Upper
 154 100
 153 40.6 23.8 63.8
 76 16.7 0.0 35.8

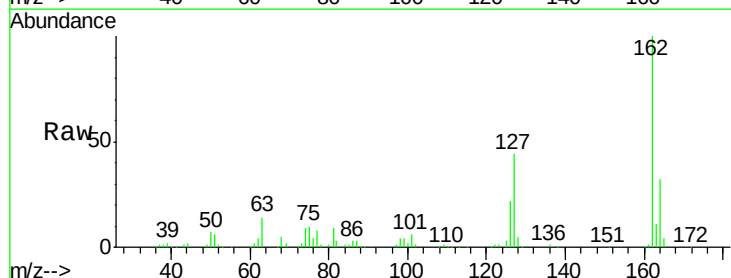


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

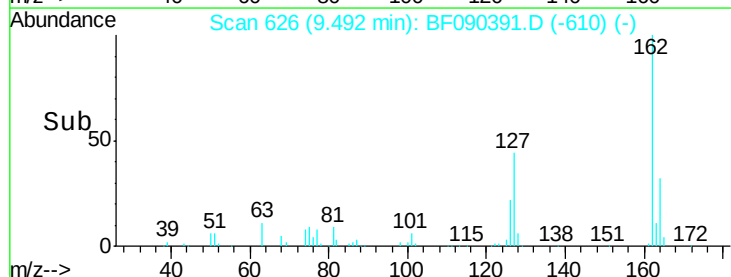
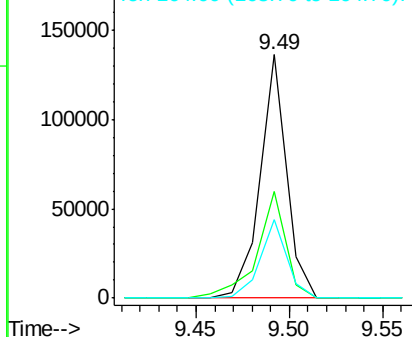


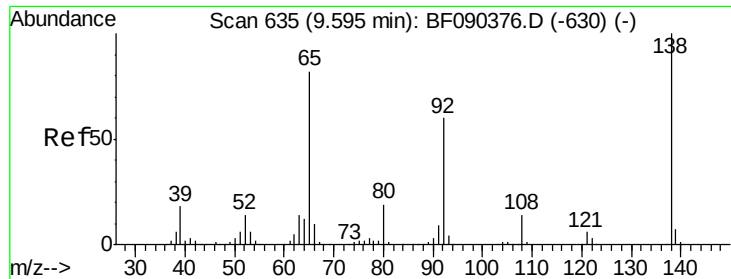
#46
 2-Chloronaphthalene
 Concen: 4.66 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:162 Resp: 132724
 Ion Ratio Lower Upper
 162 100
 127 43.8 35.6 53.4
 164 32.2 27.5 41.3



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

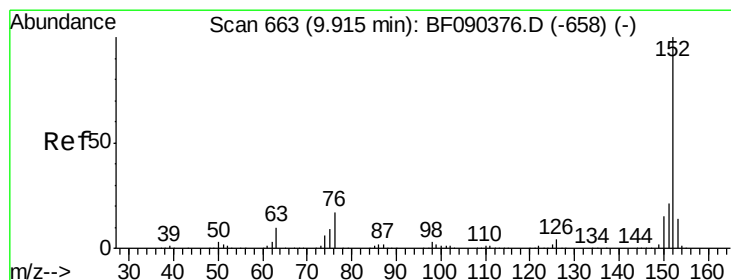
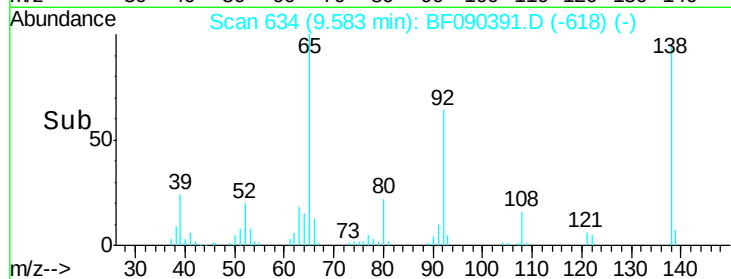
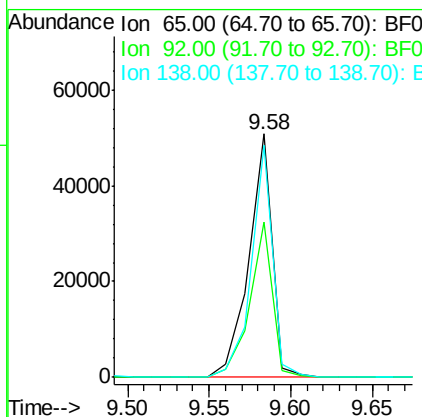
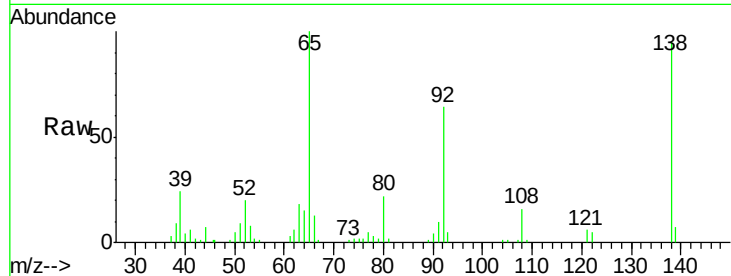




#47
 2-Nitroaniline
 Concen: 4.51 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

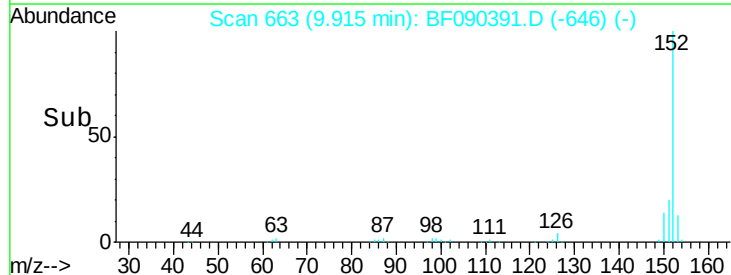
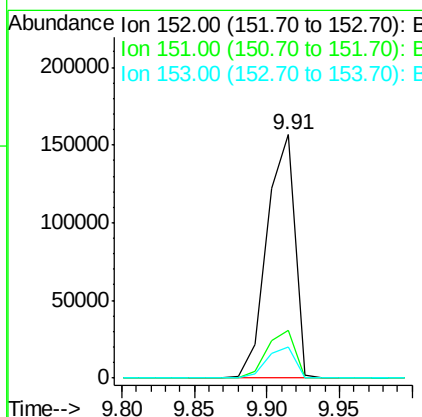
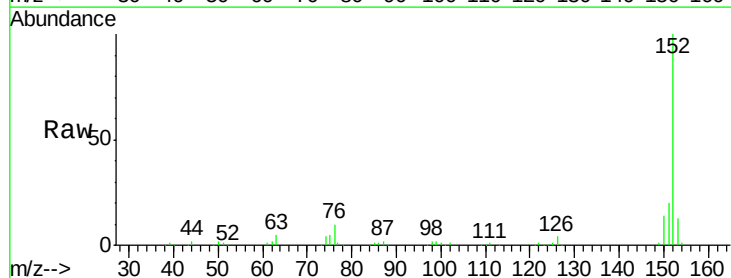
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

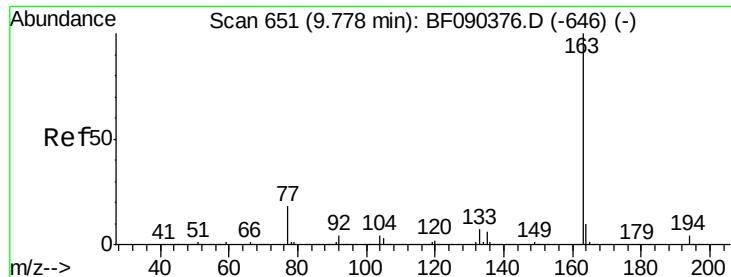
Tgt Ion: 65 Resp: 50666
 Ion Ratio Lower Upper
 65 100
 92 63.8 51.7 77.5
 138 95.4 79.0 118.4



#48
 Acenaphthylene
 Concen: 4.43 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion: 152 Resp: 208325
 Ion Ratio Lower Upper
 152 100
 151 19.5 17.4 26.0
 153 12.7 11.6 17.4

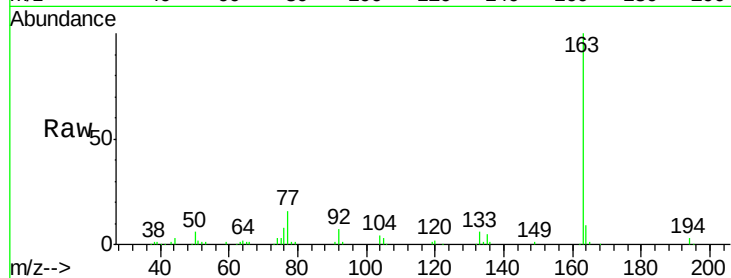




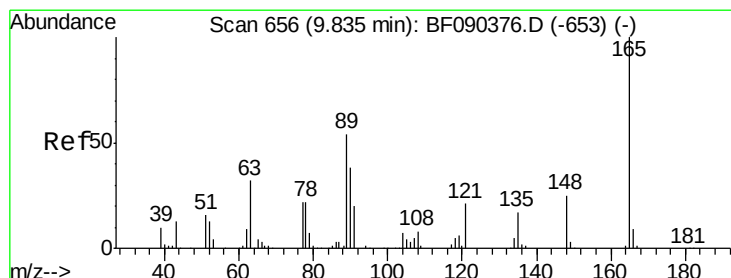
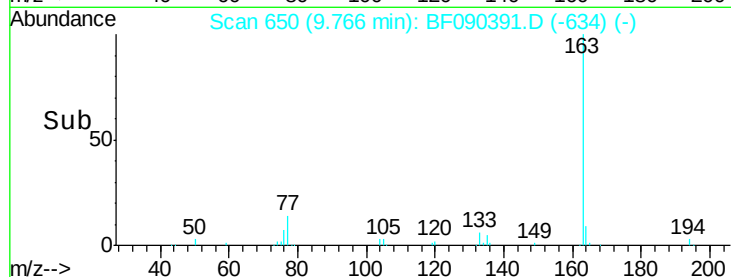
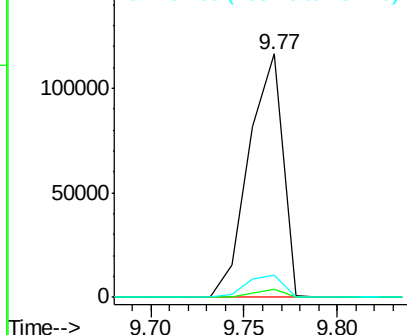
#49
Dimethylphthalate
Concen: 4.43 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:163 Resp: 147409
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 8.9 9.0 13.4#

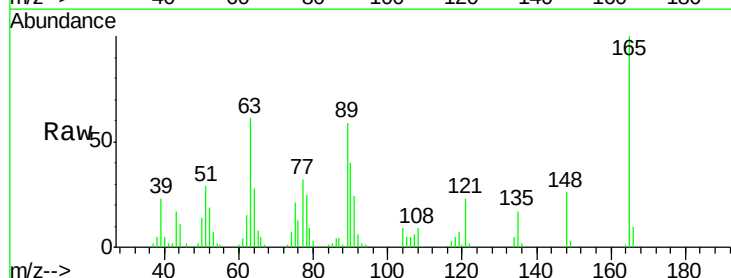


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

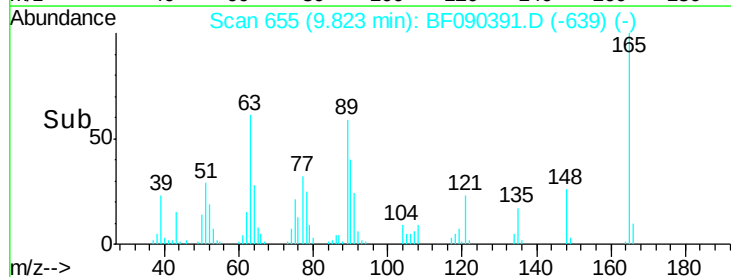
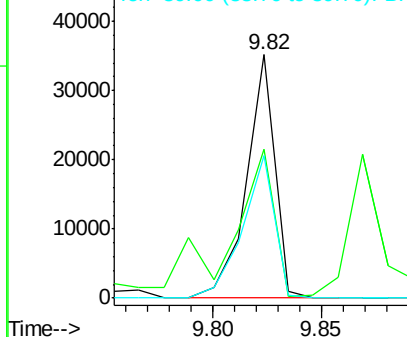


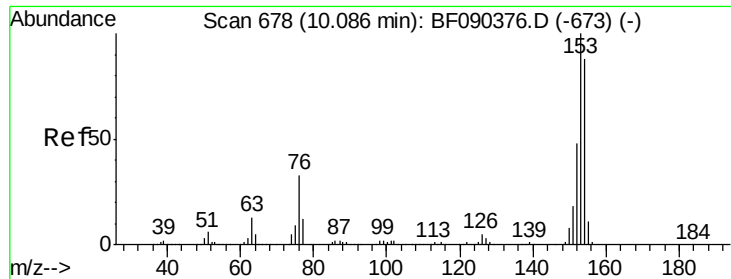
#50
2,6-Dinitrotoluene
Concen: 4.31 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:165 Resp: 31890
Ion Ratio Lower Upper
165 100
63 61.2 58.0 87.0
89 58.7 51.2 76.8



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: 4.40 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

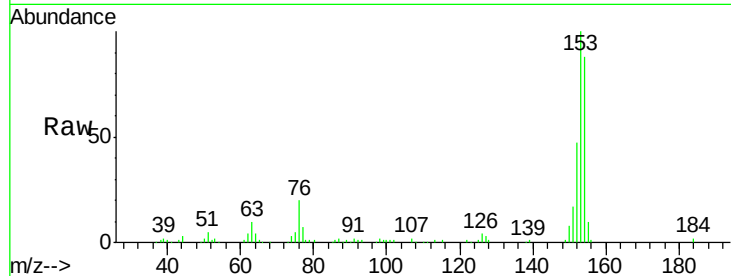
Tgt Ion:154 Resp: 128945

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

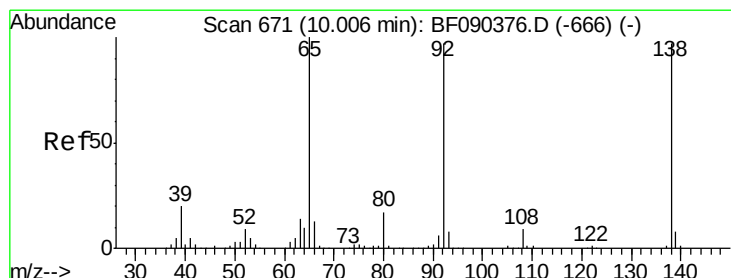
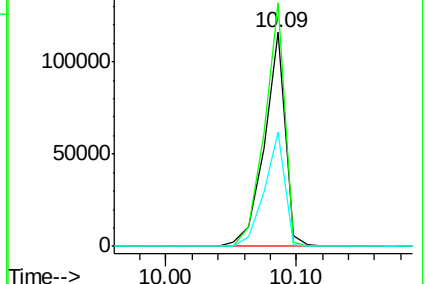
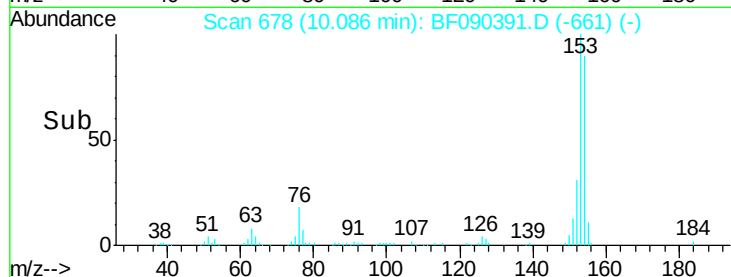
152 53.4 42.6 64.0



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: 3.83 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

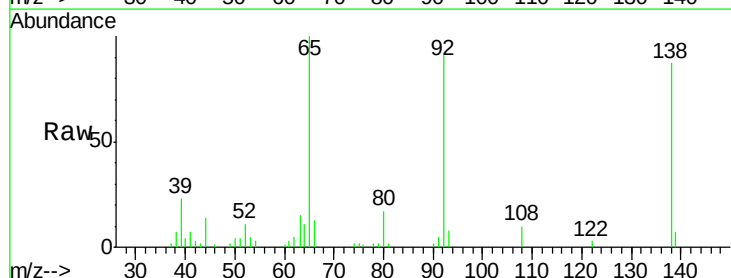
Tgt Ion:138 Resp: 33094

Ion Ratio Lower Upper

138 100

108 11.0 9.7 14.5

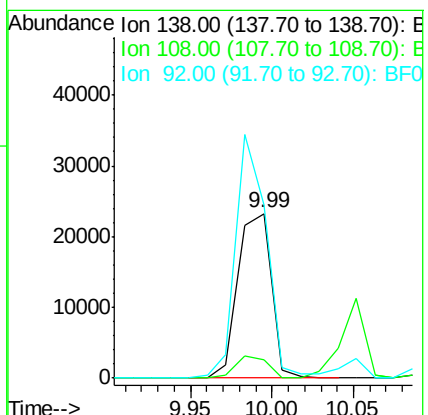
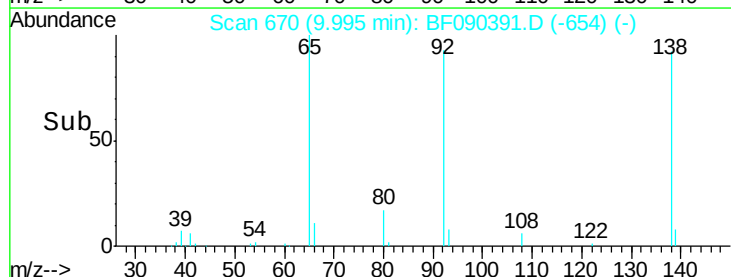
92 104.8 97.1 145.7

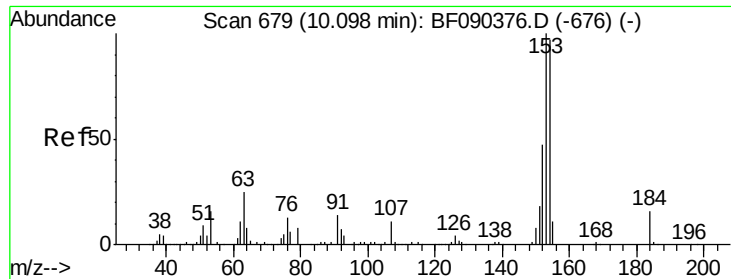


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

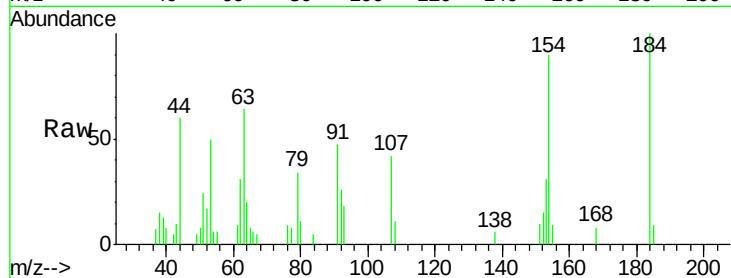




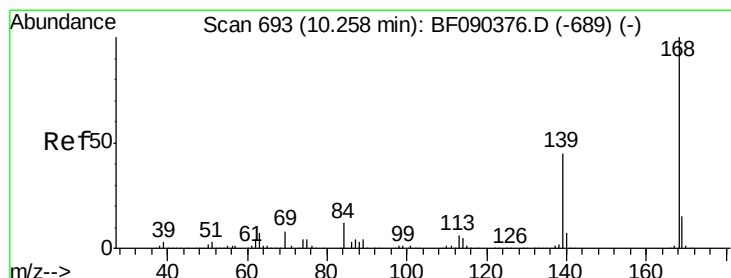
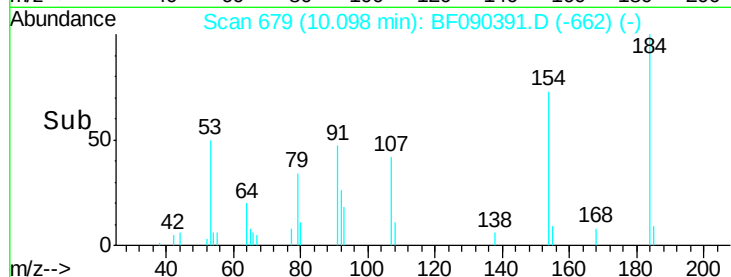
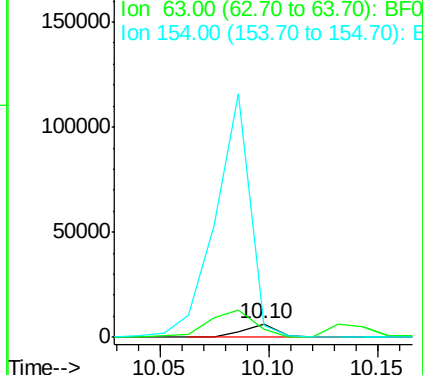
#53
2,4-Dinitrophenol
Concen: 1.94 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:184 Resp: 6405
Ion Ratio Lower Upper
184 100
63 63.8 41.9 62.9#
154 89.6 48.9 73.3#

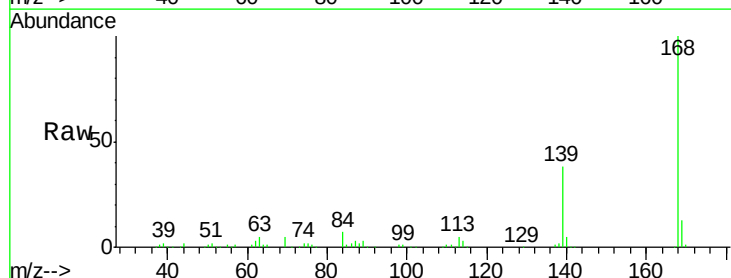


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

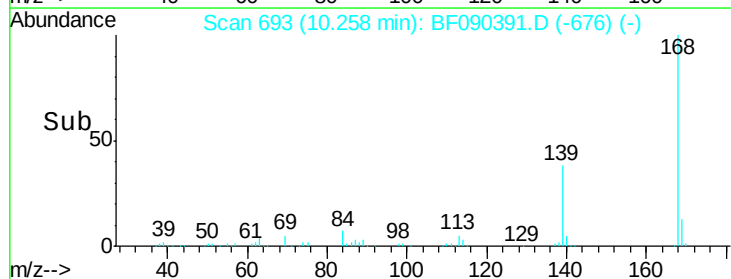
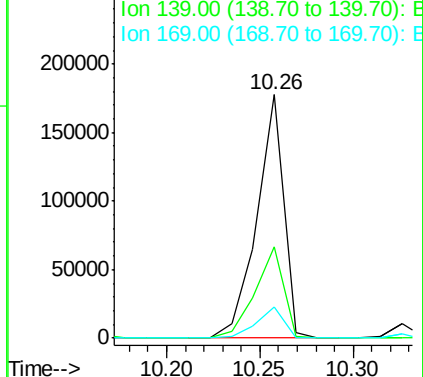


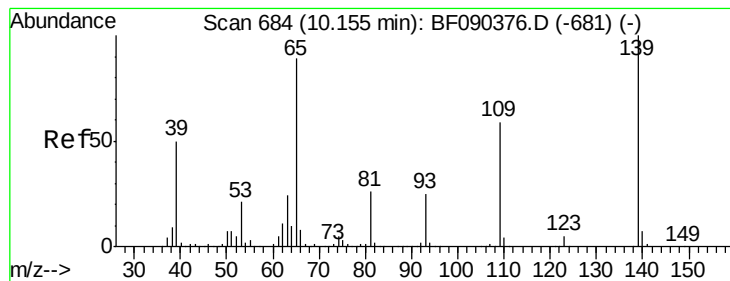
#54
Dibenzofuran
Concen: 4.66 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:168 Resp: 176627
Ion Ratio Lower Upper
168 100
139 37.7 29.6 44.4
169 13.0 11.3 16.9



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: 3.73 ng

RT: 10.14 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

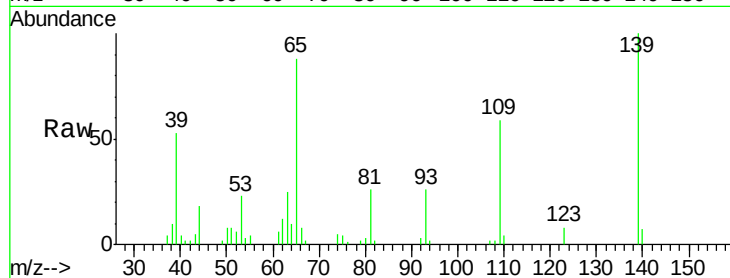
Tgt Ion:139 Resp: 28225

Ion Ratio Lower Upper

139 100

109 58.8 43.6 83.6

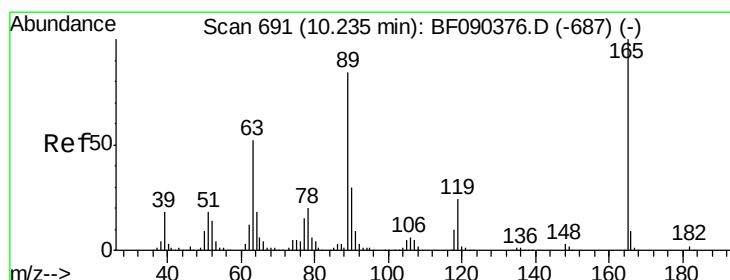
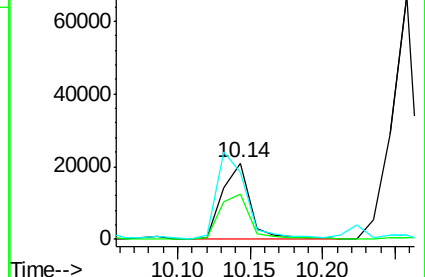
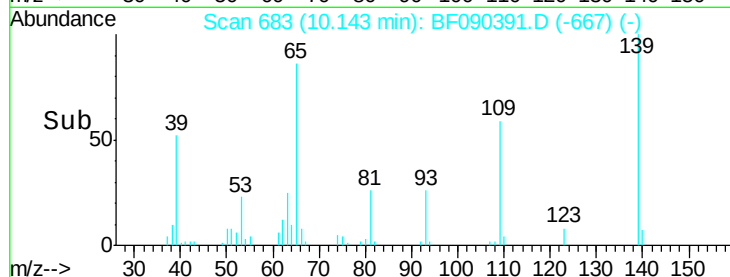
65 87.9 87.5 127.5



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: 4.21 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Tgt Ion:165 Resp: 41415

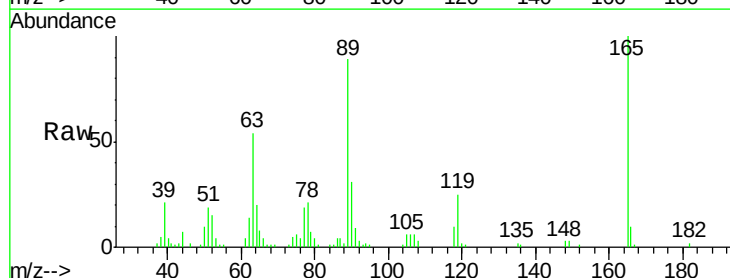
Ion Ratio Lower Upper

165 100

63 54.2 17.8 26.6#

89 89.1 33.2 49.8#

182 2.2 2.1 3.1

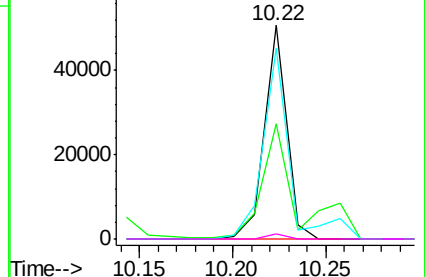
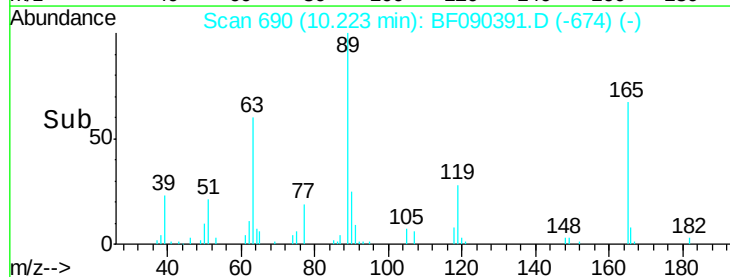


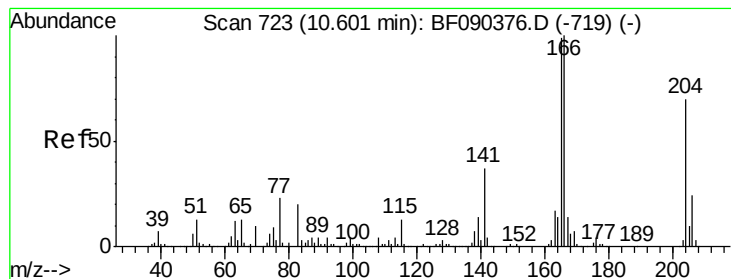
Abundance Ion 165.00 (164.70 to 165.70): E

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: 4.75 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

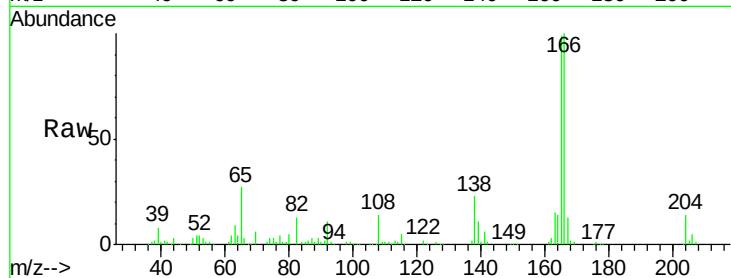
Tgt Ion:166 Resp: 151280

Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

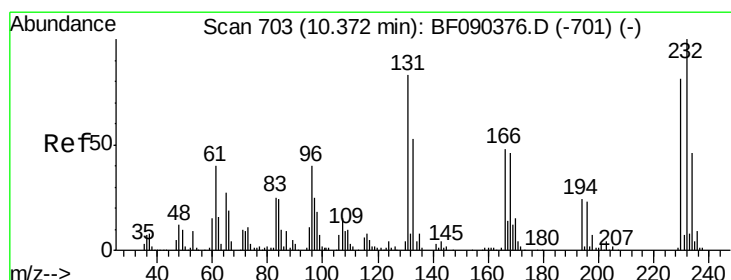
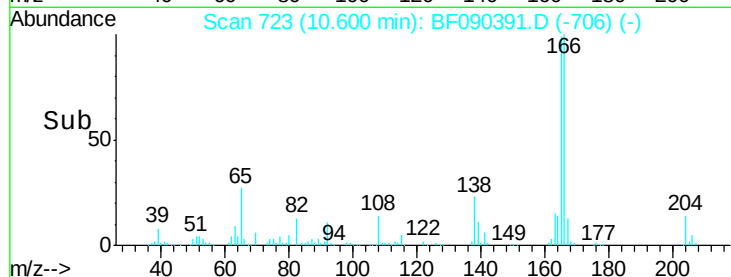
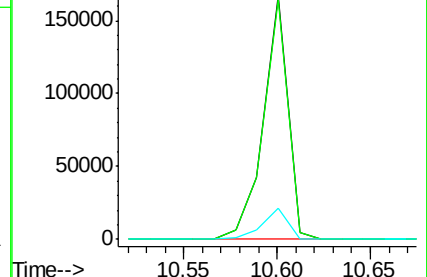
167 12.7 11.1 16.7



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: 4.01 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Tgt Ion:232 Resp: 26775

Ion Ratio Lower Upper

232 100

131 58.9 34.5 51.7#

130 1.9 1.6 2.4

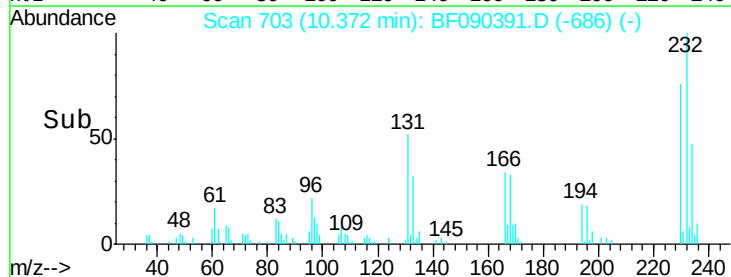
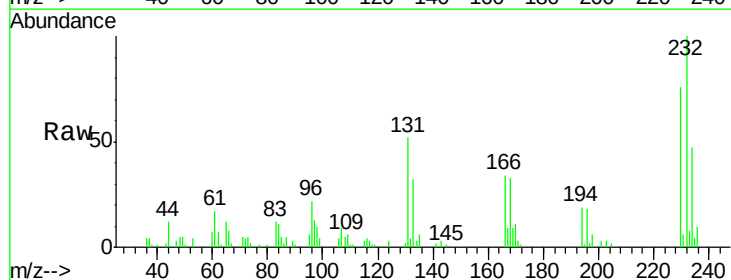
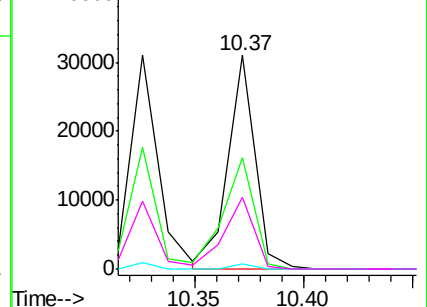
166 36.8 23.8 35.8#

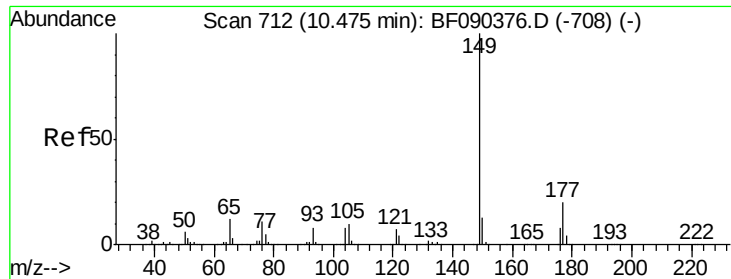
Abundance Ion 232.00 (231.70 to 232.70): E

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

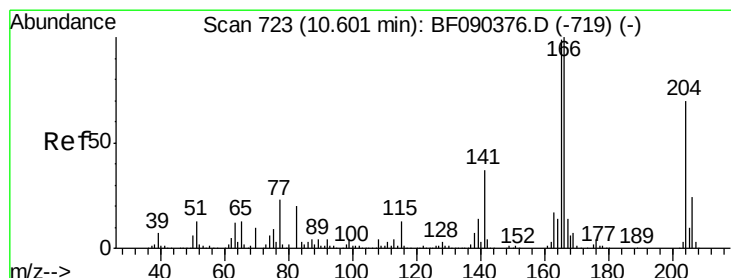
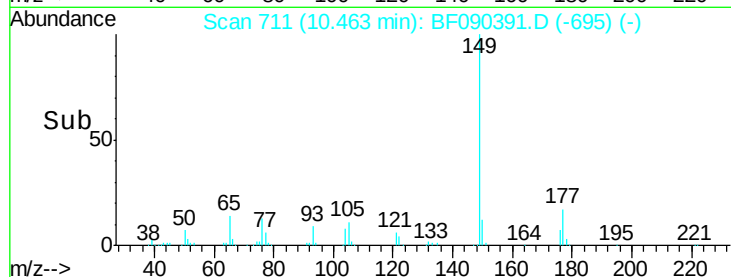
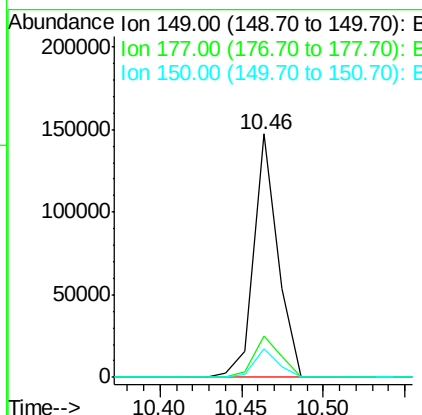
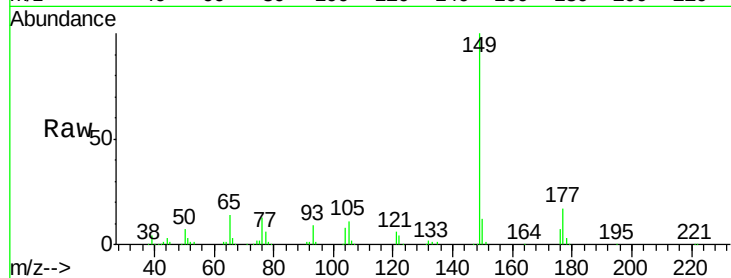




#59
Diethylphthalate
Concen: 4.37 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

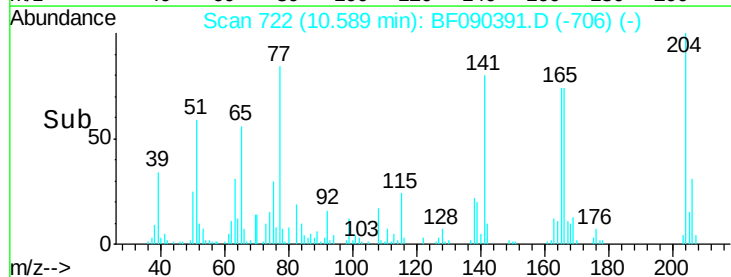
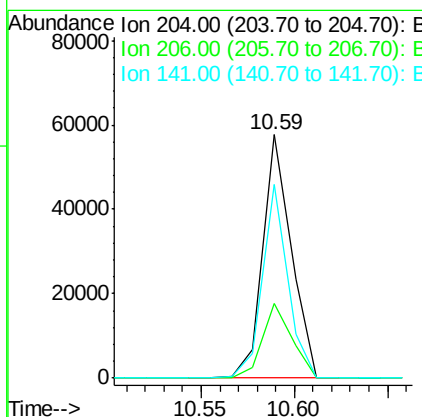
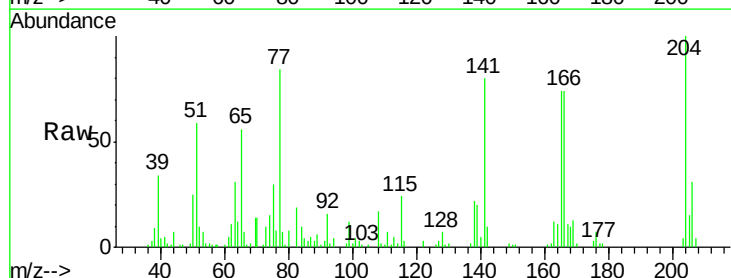
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

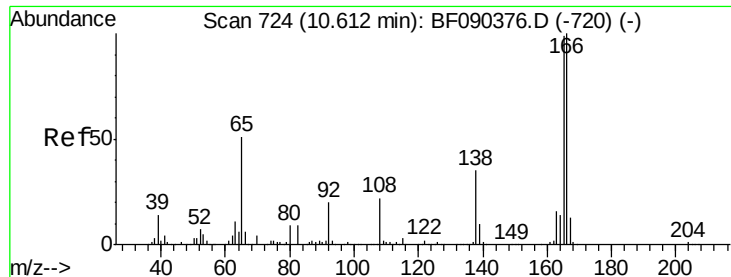
Tgt Ion:149 Resp: 150742
Ion Ratio Lower Upper
149 100
177 17.0 21.1 31.7#
150 11.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 4.18 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:204 Resp: 60499
Ion Ratio Lower Upper
204 100
206 30.9 26.7 40.1
141 79.6 51.7 77.5#





#61

4-Nitroaniline

Concen: 4.35 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

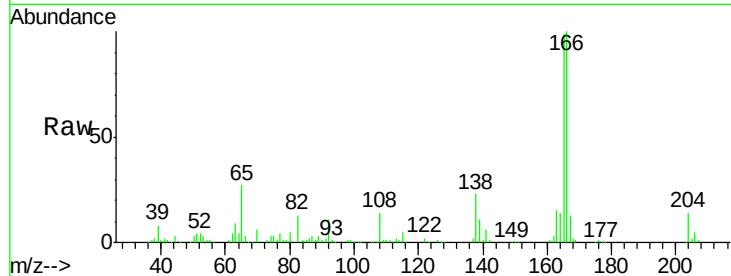
Tgt Ion:138 Resp: 37880

Ion Ratio Lower Upper

138 100

92 49.2 33.2 73.2

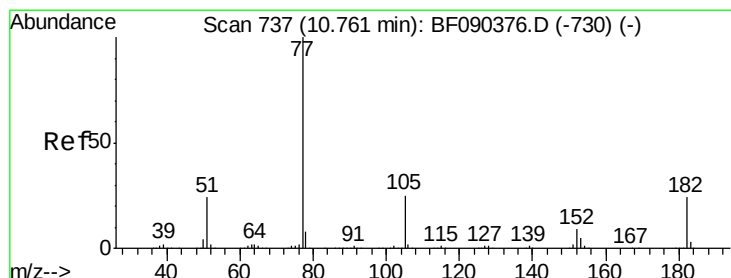
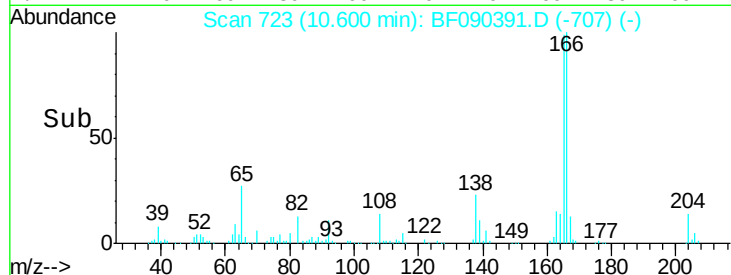
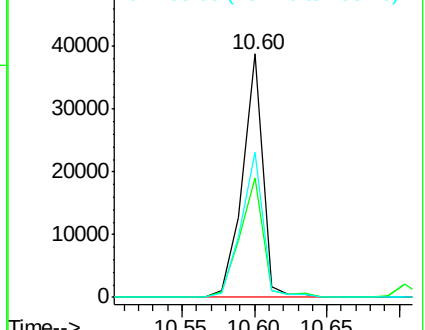
108 59.5 48.5 88.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.47 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Tgt Ion: 77 Resp: 178010

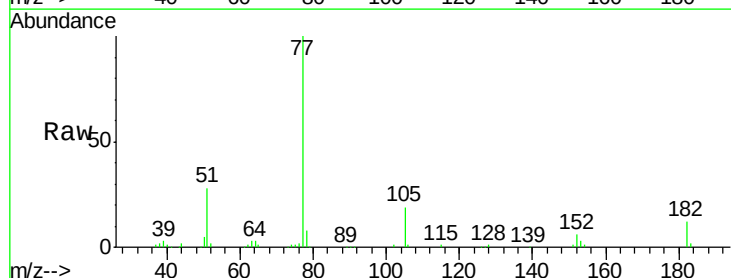
Ion Ratio Lower Upper

77 100

182 12.3 3.2 43.2

105 19.2 2.9 42.9

51 28.3 14.2 54.2

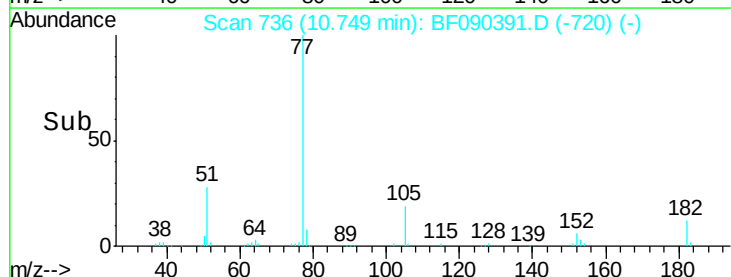
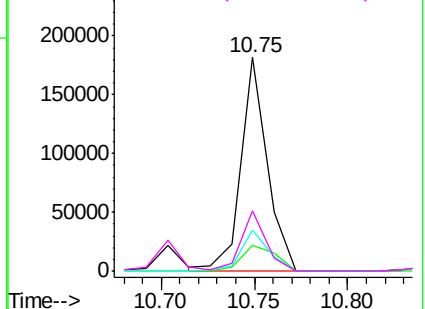


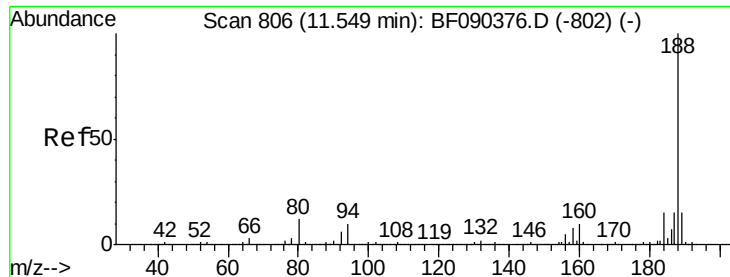
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

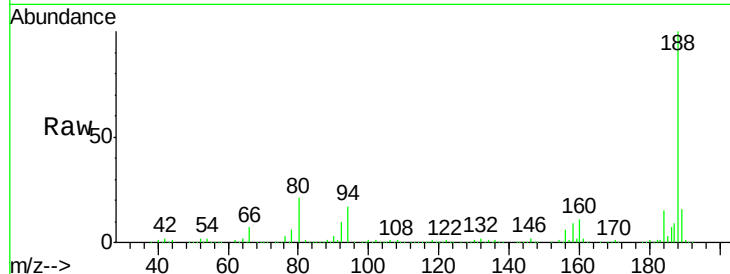




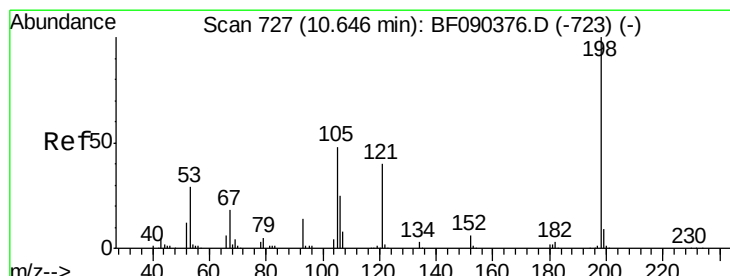
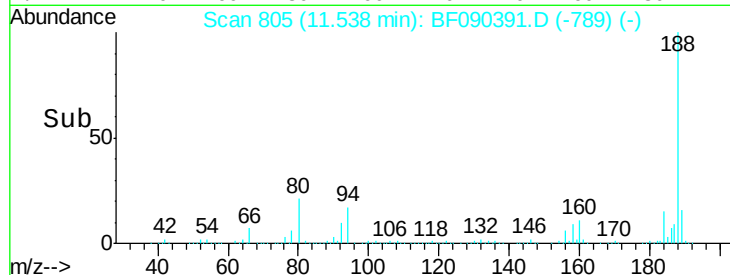
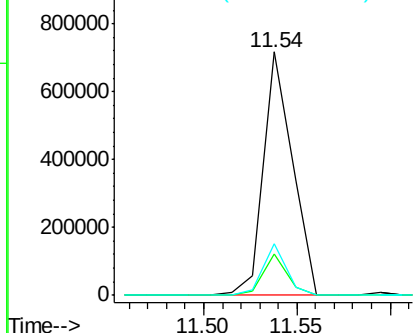
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:188 Resp: 770253
Ion Ratio Lower Upper
188 100
94 17.2 8.2 12.2#
80 21.4 8.8 13.2#

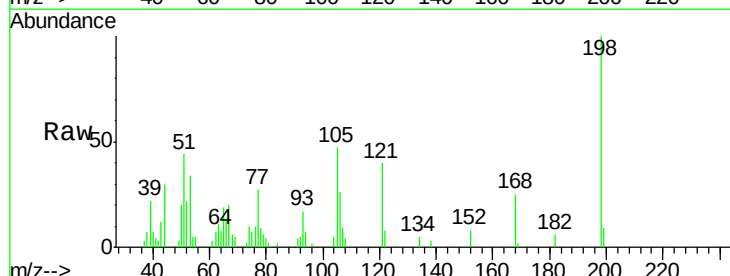


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

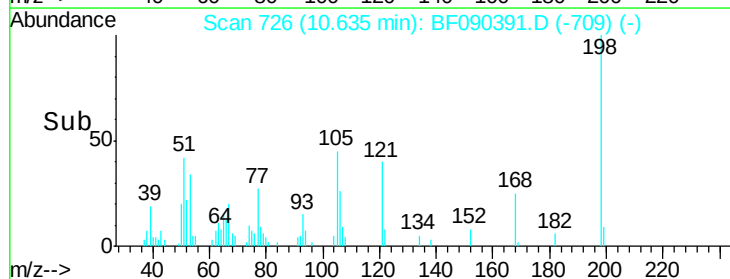
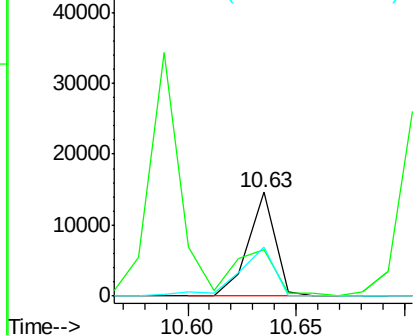


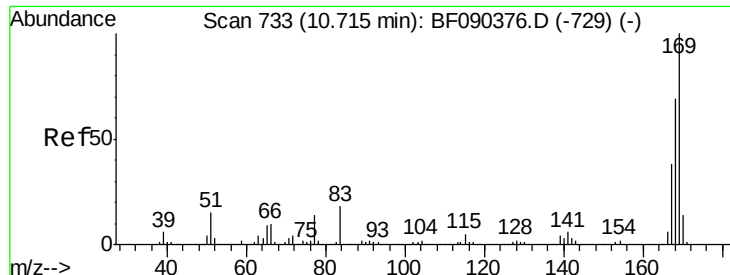
#64
4,6-Dinitro-2-methylphenol
Concen: 7.58 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:198 Resp: 12575
Ion Ratio Lower Upper
198 100
51 44.2 67.3 107.3#
105 47.3 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

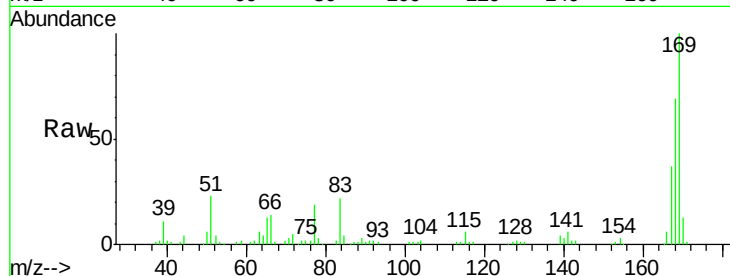




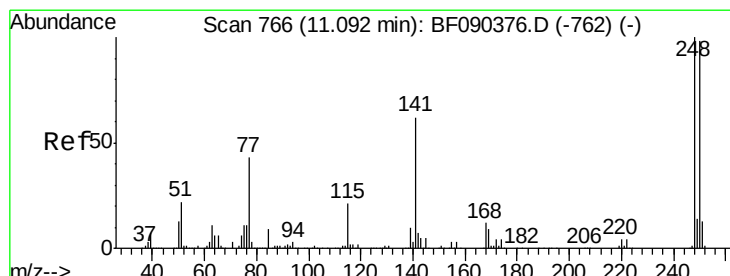
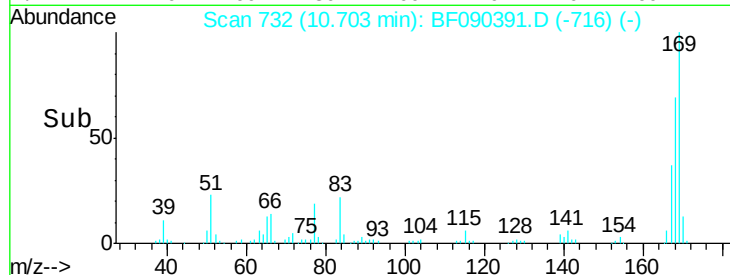
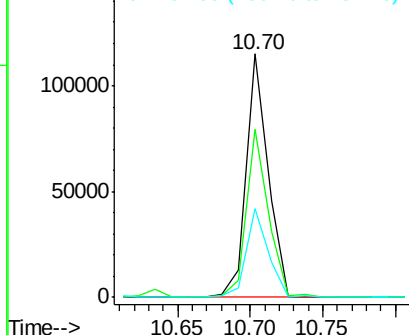
#65
n-Nitrosodiphenylamine
Concen: 4.67 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:169 Resp: 120568
Ion Ratio Lower Upper
169 100
168 69.1 53.8 80.6
167 36.6 29.8 44.8

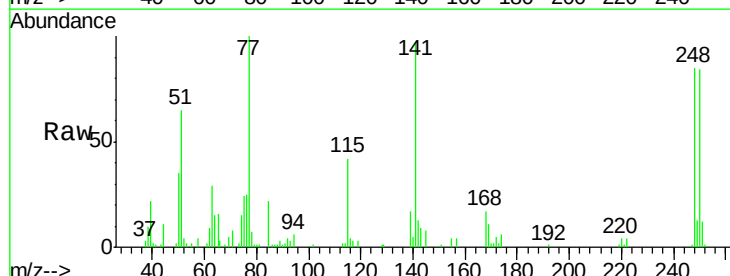


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

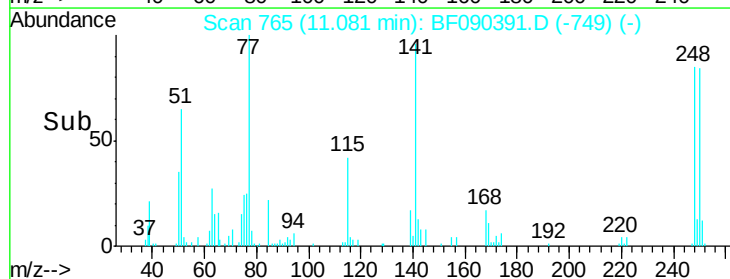
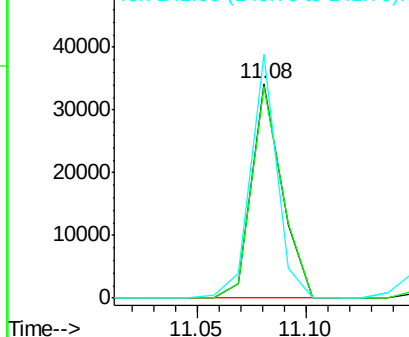


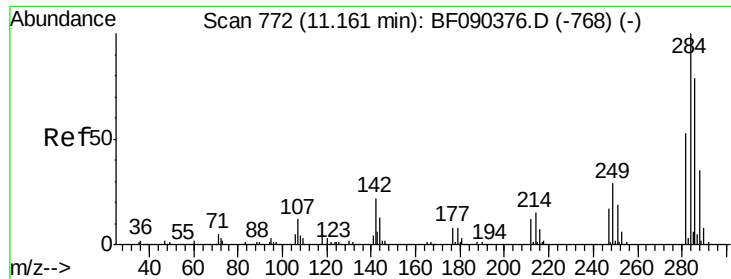
#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 11.08 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:248 Resp: 33029
Ion Ratio Lower Upper
248 100
250 98.6 76.5 114.7
141 113.7 59.8 89.6#



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: 4.77 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

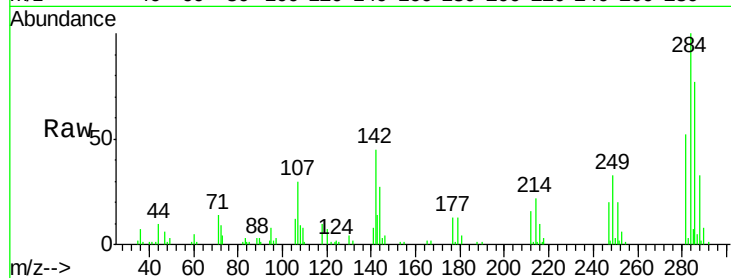
Tgt Ion:284 Resp: 40096

Ion Ratio Lower Upper

284 100

142 45.3 23.1 34.7#

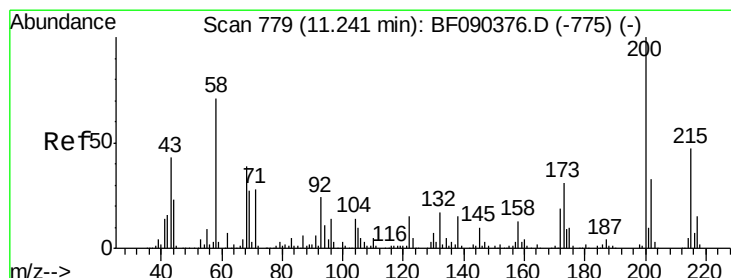
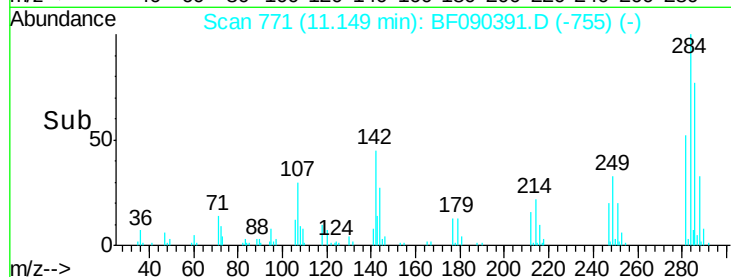
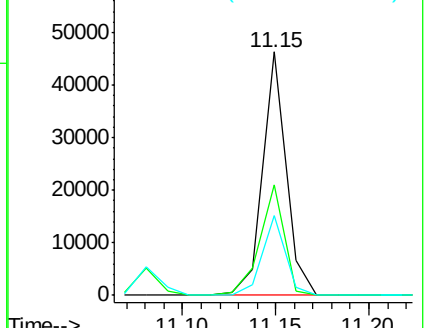
249 33.0 26.3 39.5



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: 4.77 ng

RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

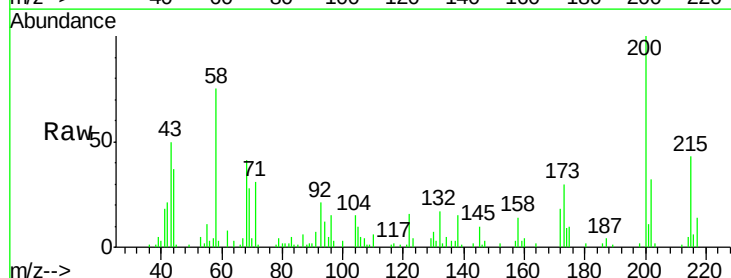
Tgt Ion:200 Resp: 30389

Ion Ratio Lower Upper

200 100

173 29.9 9.0 49.0

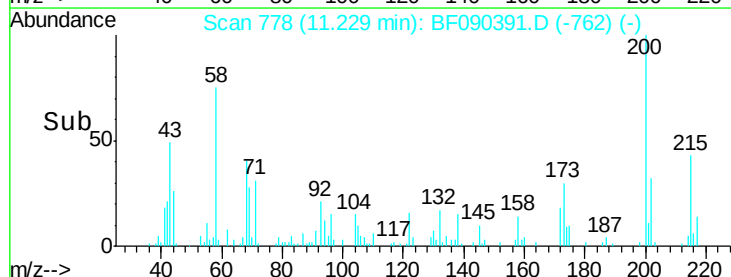
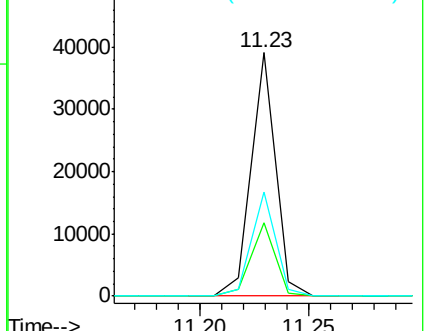
215 42.6 24.8 64.8

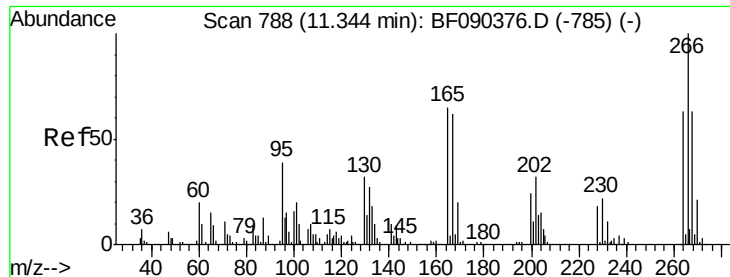


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

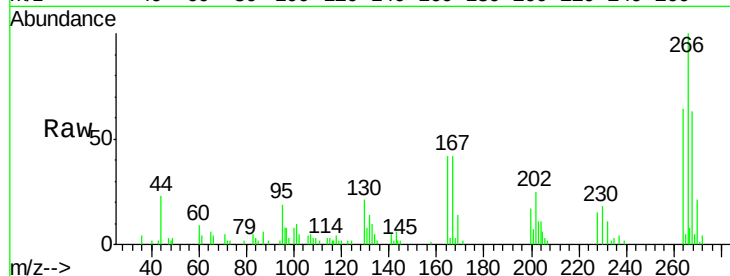




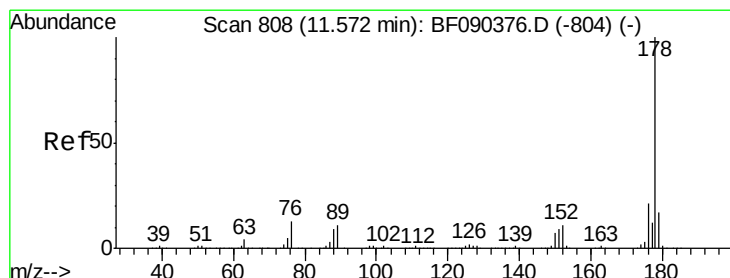
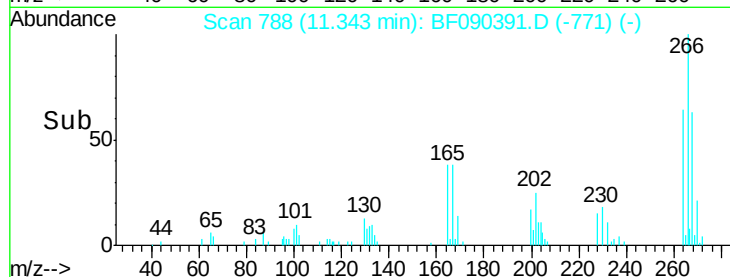
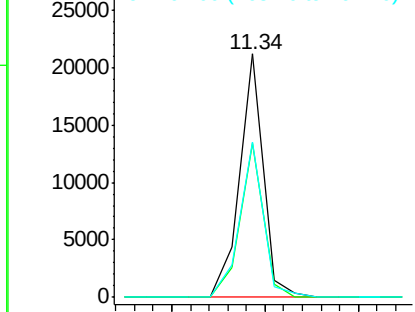
#69
 Pentachlorophenol
 Concen: 3.75 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:266 Resp: 18747
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.9 76.3
 264 63.7 51.5 77.3

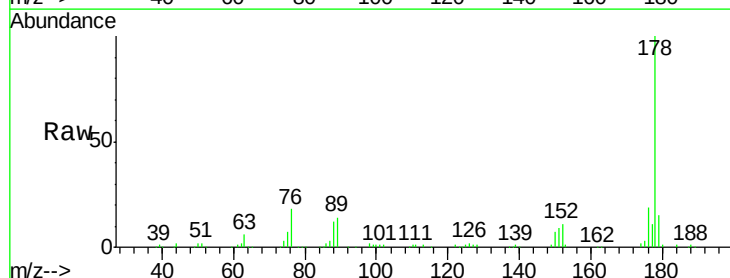


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

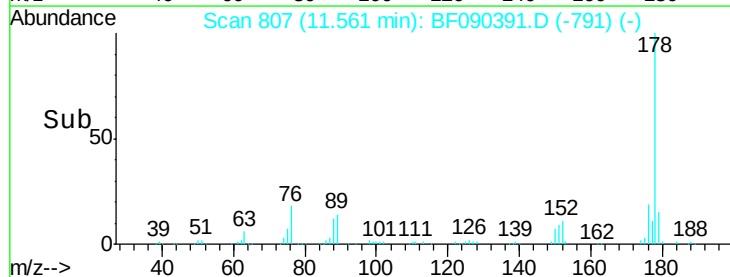
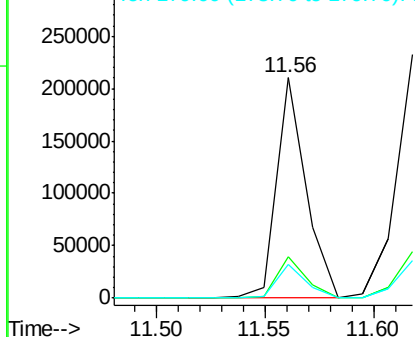


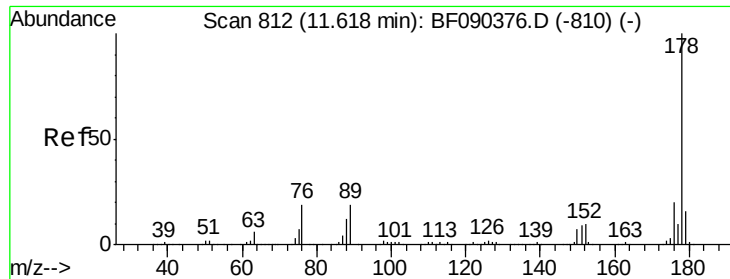
#70
 Phenanthrene
 Concen: 5.04 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:178 Resp: 198590
 Ion Ratio Lower Upper
 178 100
 176 19.1 17.3 25.9
 179 15.1 13.8 20.6



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

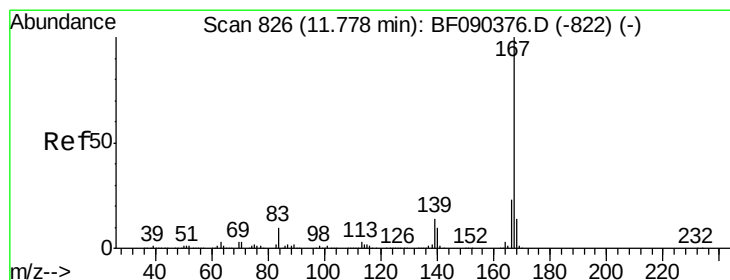
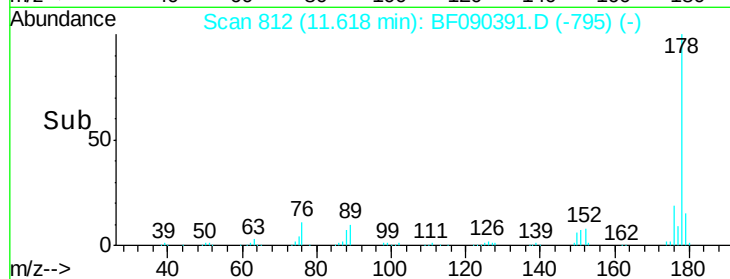
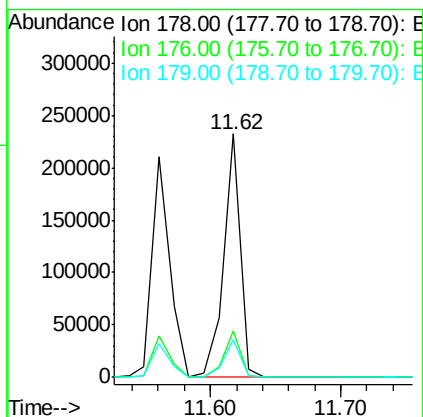
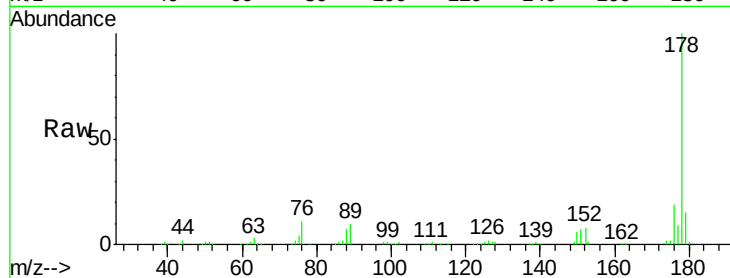




#71
 Anthracene
 Concen: 5.13 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

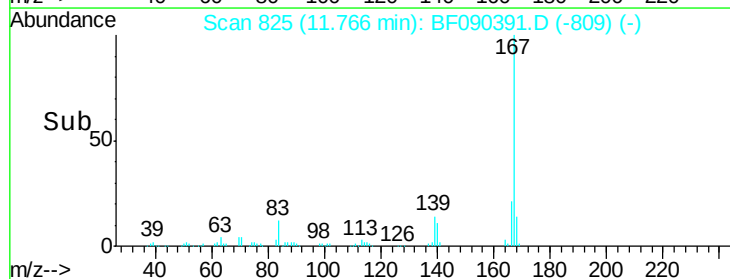
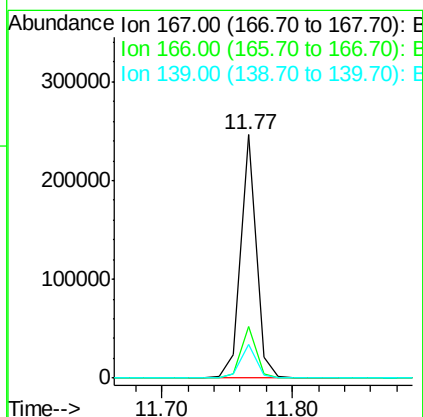
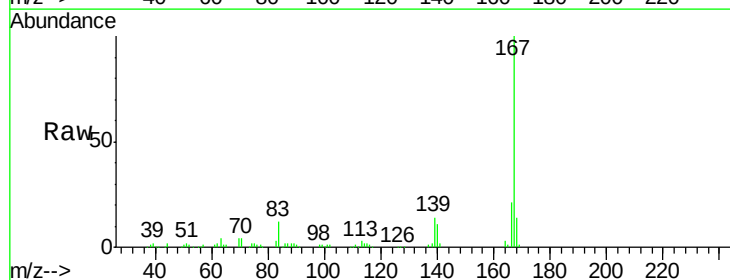
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

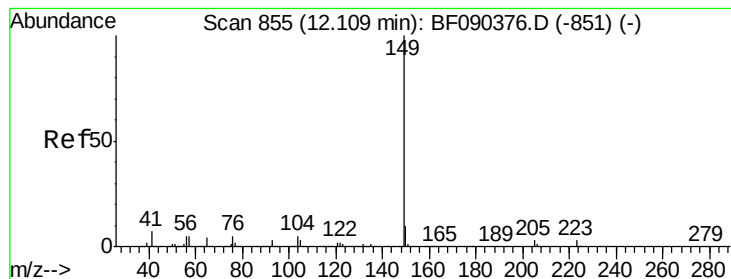
Tgt Ion:178 Resp: 206813
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.8 25.2
 179 15.4 13.4 20.2



#72
 Carbazole
 Concen: 5.41 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion:167 Resp: 202632
 Ion Ratio Lower Upper
 167 100
 166 21.2 19.1 28.7
 139 14.1 12.1 18.1





#73

Di-n-butylphthalate

Concen: 5.10 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

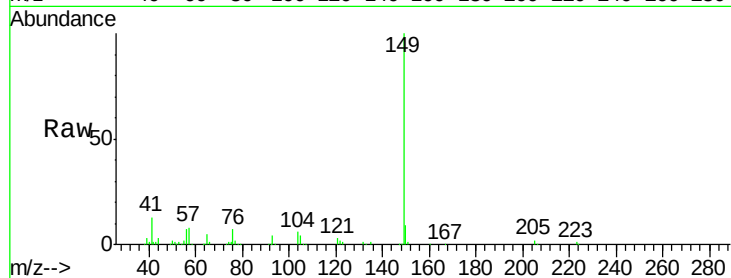
Tgt Ion:149 Resp: 232279

Ion Ratio Lower Upper

149 100

150 9.3 8.6 12.8

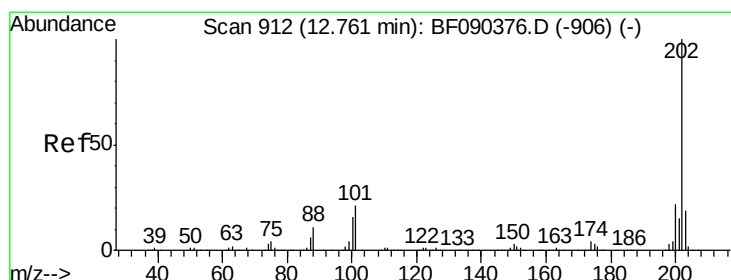
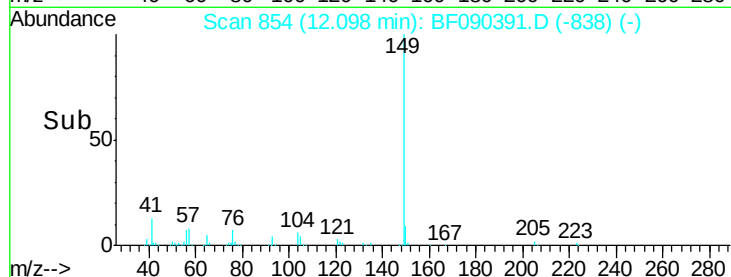
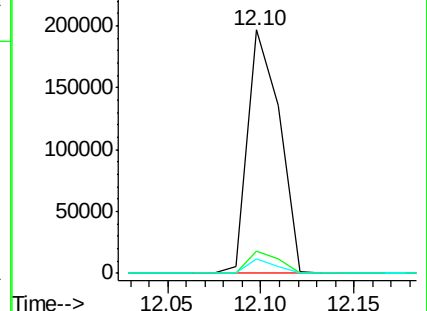
104 6.2 4.7 7.1



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: 4.69 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

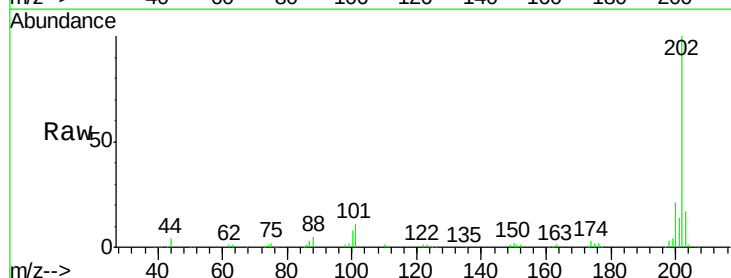
Tgt Ion:202 Resp: 181391

Ion Ratio Lower Upper

202 100

101 10.6 0.0 37.2

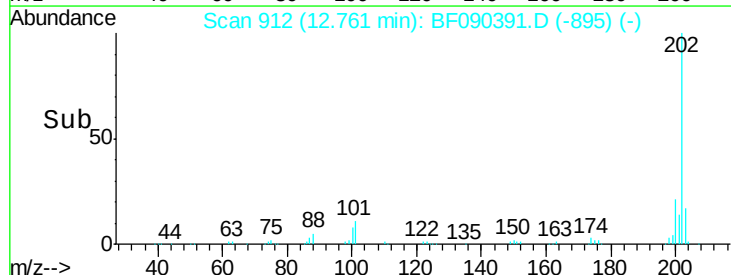
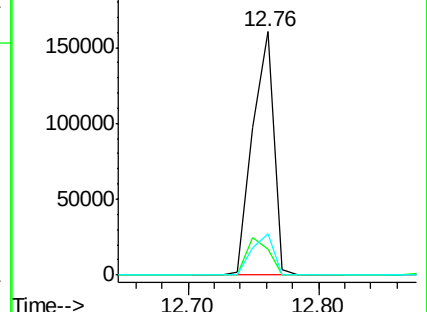
203 17.0 0.0 39.3

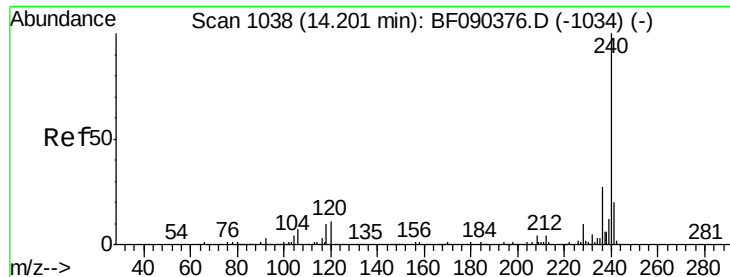


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

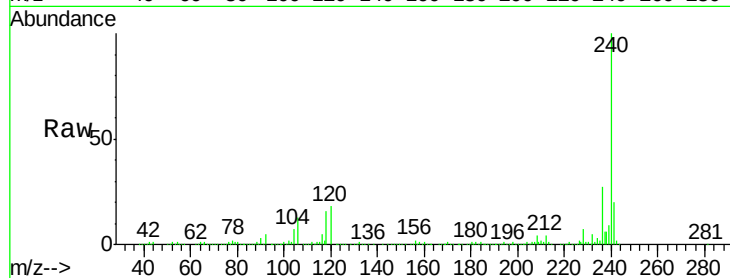
Tgt Ion:240 Resp: 654172

Ion Ratio Lower Upper

240 100

120 18.2 8.6 13.0#

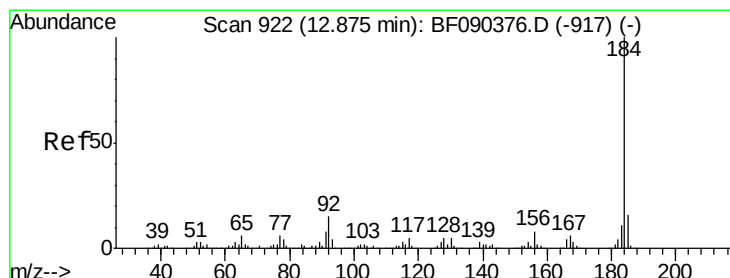
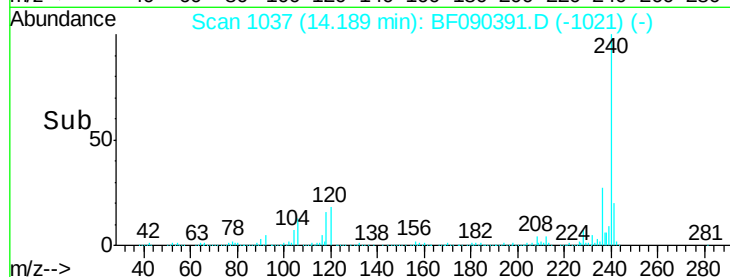
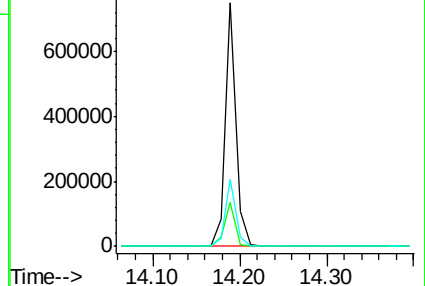
236 27.3 21.6 32.4



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: 5.00 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

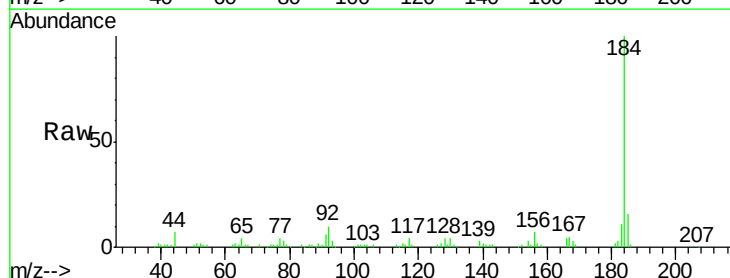
Tgt Ion:184 Resp: 85962

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

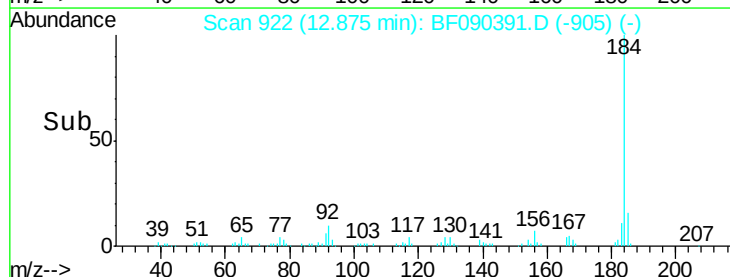
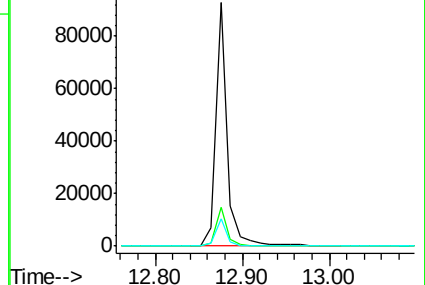
183 11.4 9.6 14.4

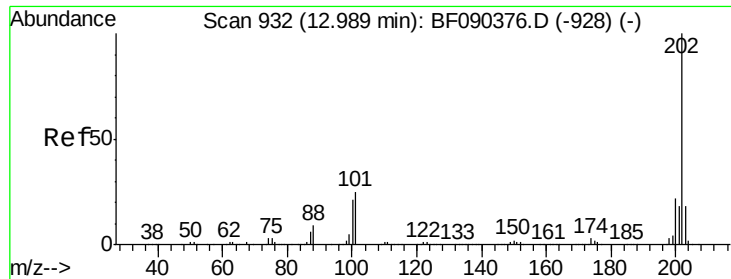


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

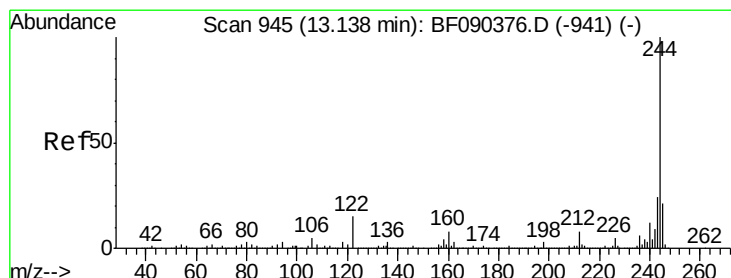
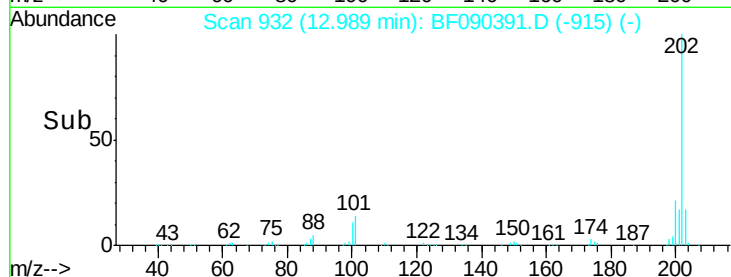
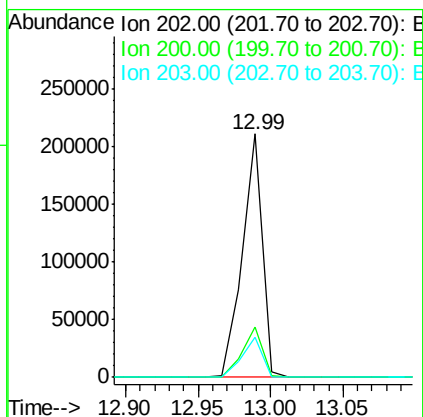
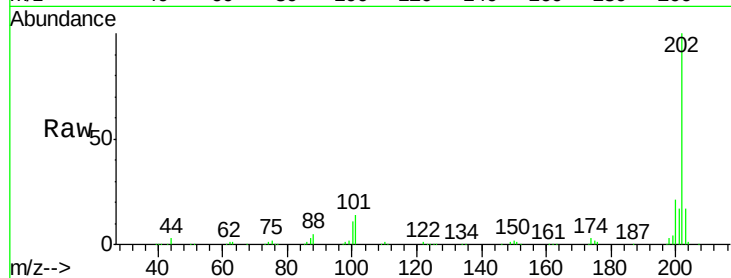




#77
Pyrene
 Concen: 4.63 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

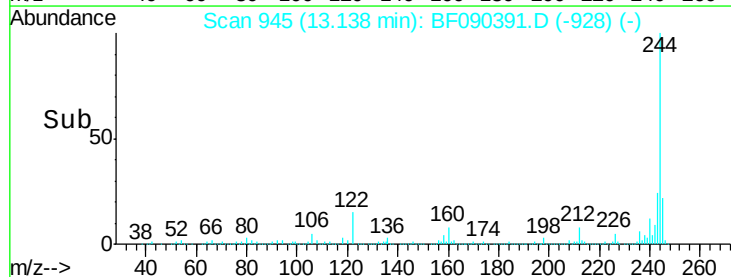
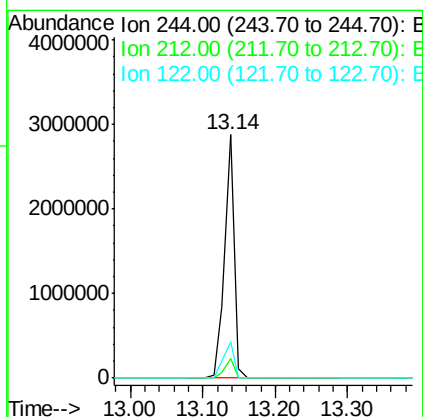
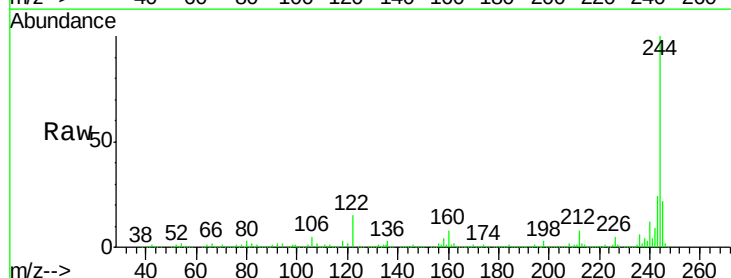
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

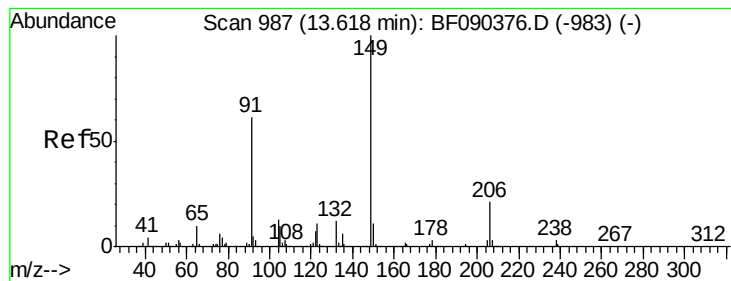
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.5	27.7
203	16.6	15.0	22.6



#78
Terphenyl-d14
 Concen: 91.30 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.0	13.3	19.9





#79

Butylbenzylphthalate

Concen: 4.59 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

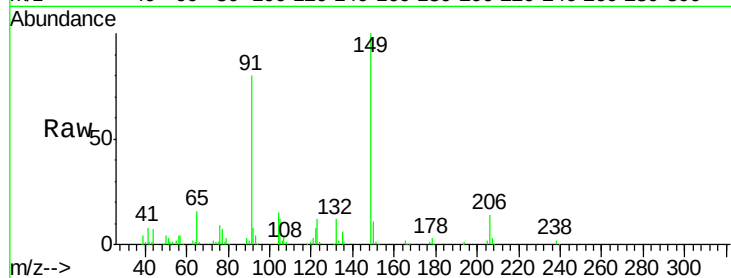
Tgt Ion:149 Resp: 102728

Ion Ratio Lower Upper

149 100

91 79.9 51.8 77.8#

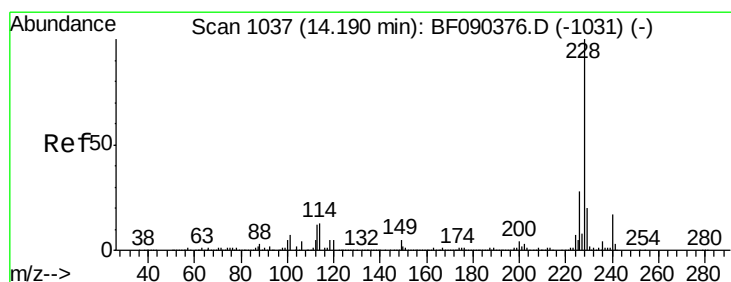
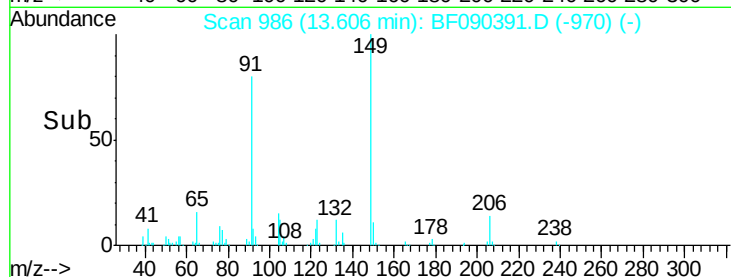
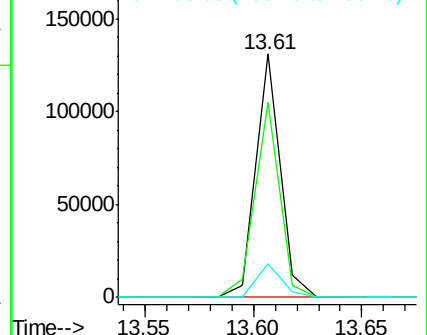
206 14.1 18.0 27.0#



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: 4.79 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090391.D

Acq: 5 Oct 2016 20:34

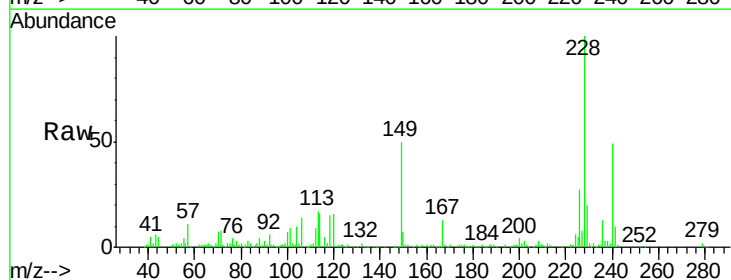
Tgt Ion:228 Resp: 175637

Ion Ratio Lower Upper

228 100

226 27.0 23.6 35.4

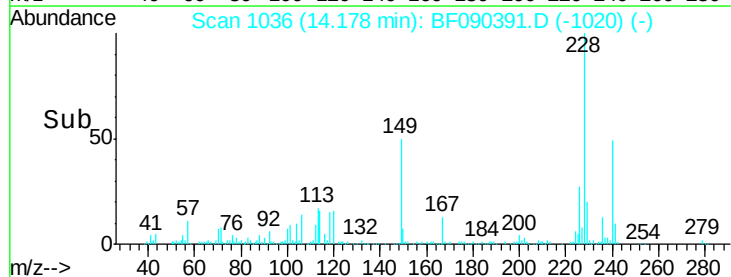
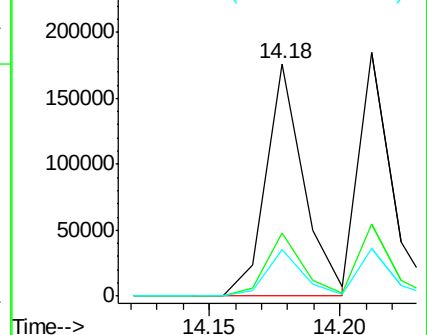
229 19.9 16.6 25.0

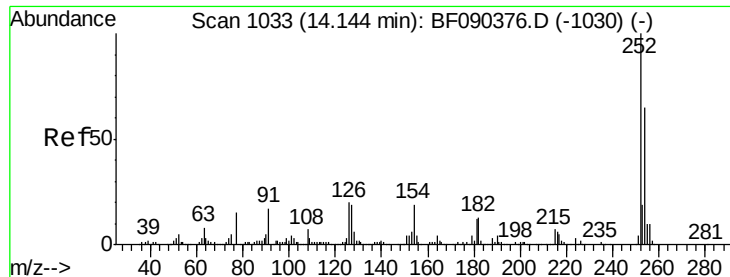


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

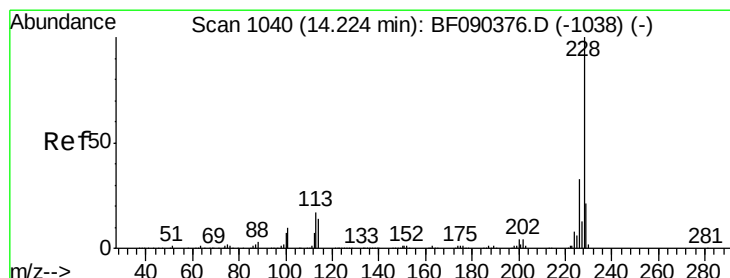
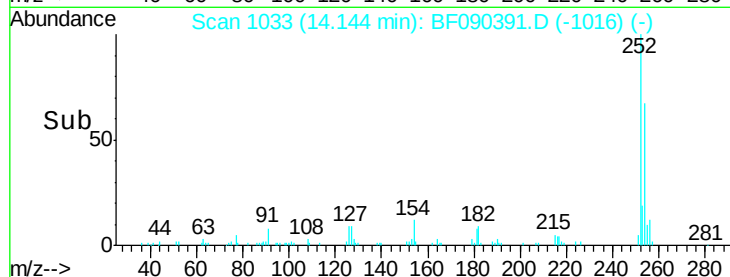
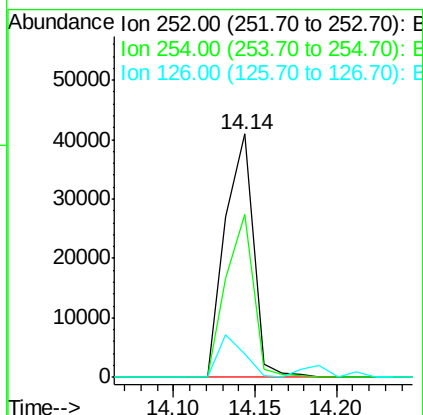
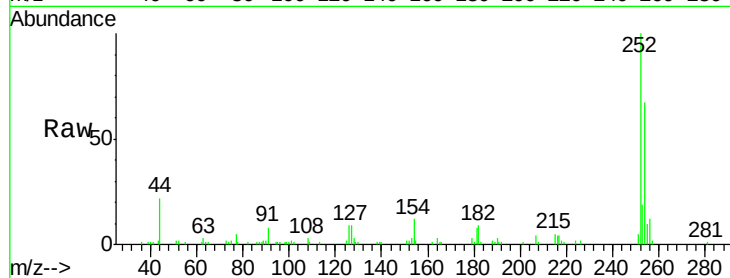




#81
 3,3'-Dichlorobenzidine
 Concen: 3.68 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

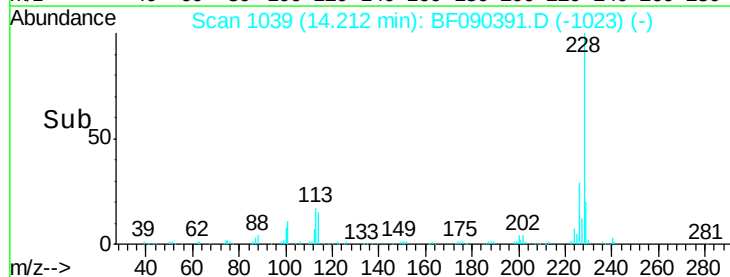
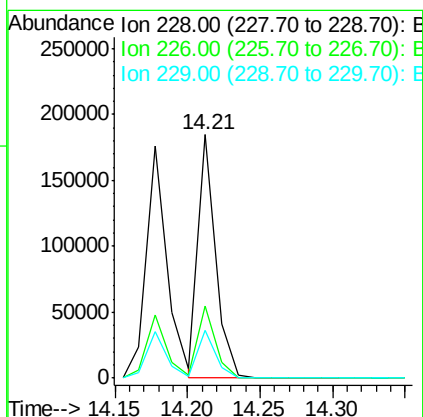
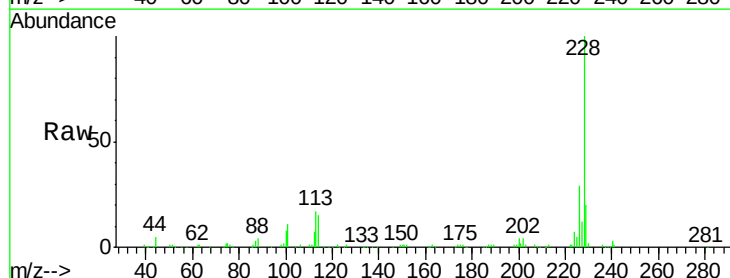
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

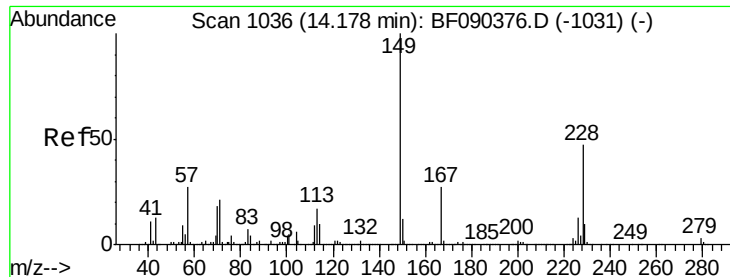
Tgt Ion: 252 Resp: 48926
 Ion Ratio Lower Upper
 252 100
 254 66.7 52.1 78.1
 126 9.5 4.2 6.4#



#82
 Chrysene
 Concen: 4.68 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion: 228 Resp: 158034
 Ion Ratio Lower Upper
 228 100
 226 29.4 25.8 38.6
 229 19.7 16.9 25.3

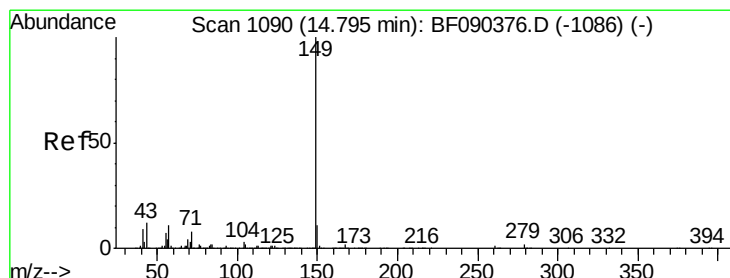
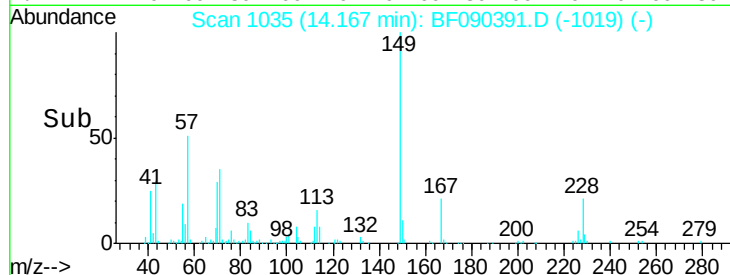
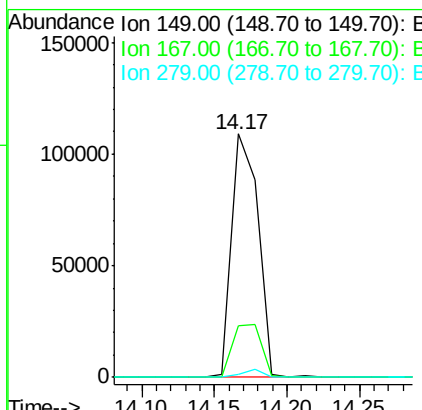
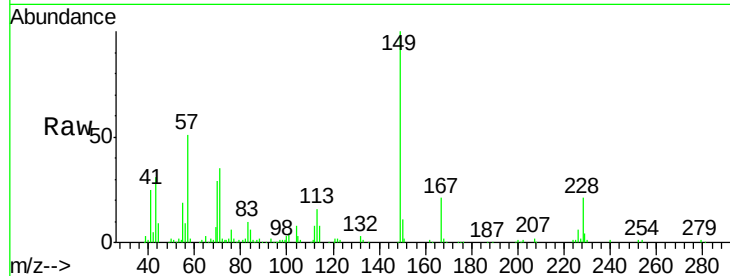




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.34 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

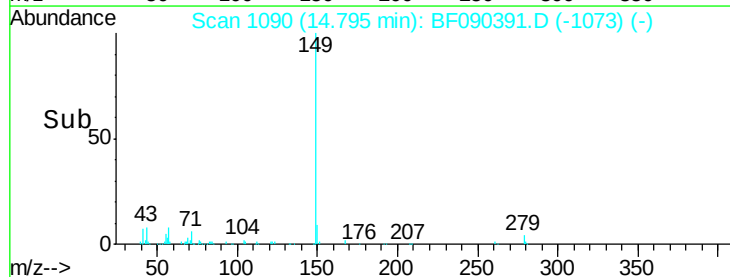
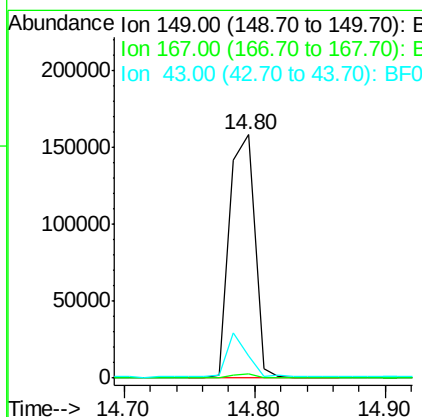
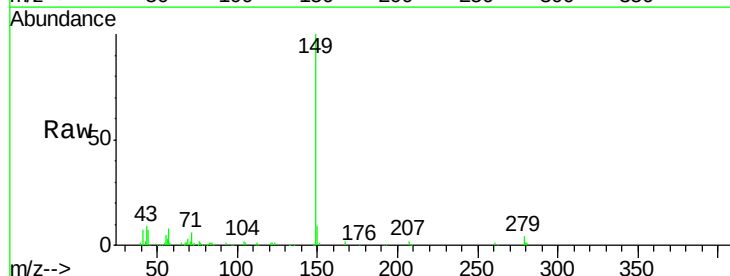
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

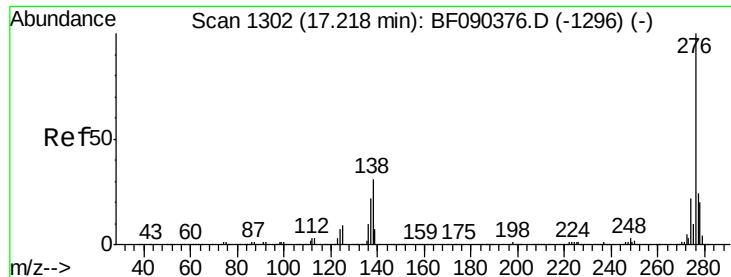
Tgt Ion	Ratio	Lower	Upper
149	100		
167	21.3	21.5	32.3#
279	1.4	2.6	3.8#



#84
 Di-n-octyl phthalate
 Concen: 4.52 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	15.2	11.8	17.8

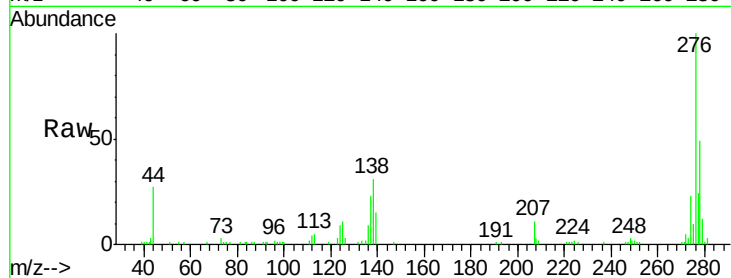




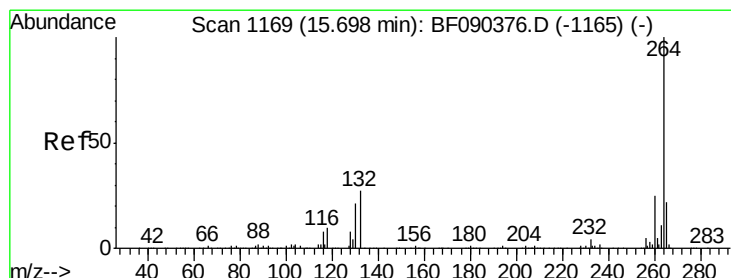
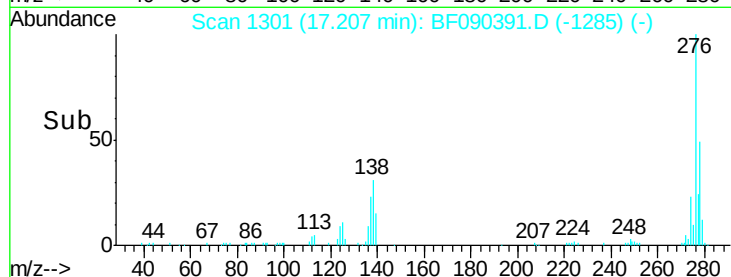
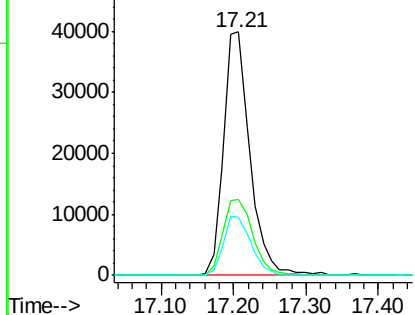
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.19 ng
 RT: 17.21 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	23.8	35.8
277	24.9	20.4	30.6

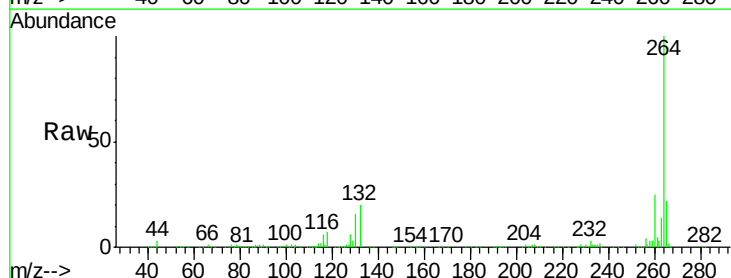


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

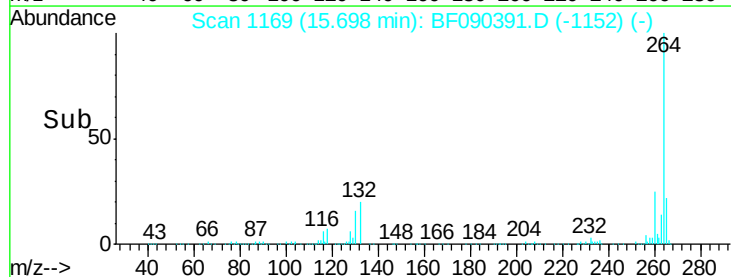
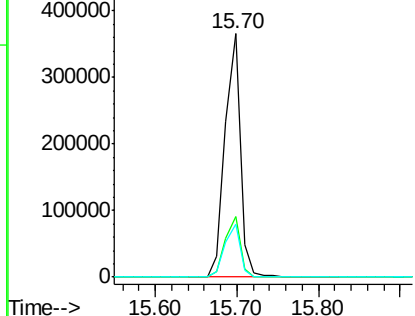


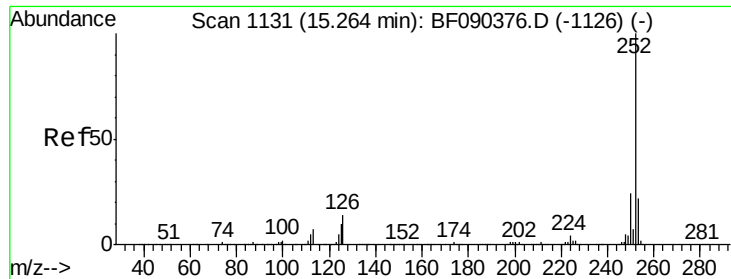
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090391.D
 Acq: 5 Oct 2016 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.8	17.4	26.0



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

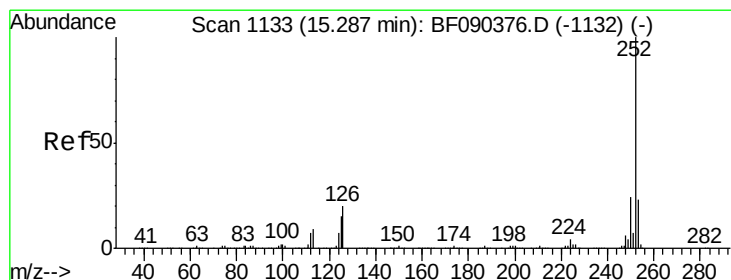
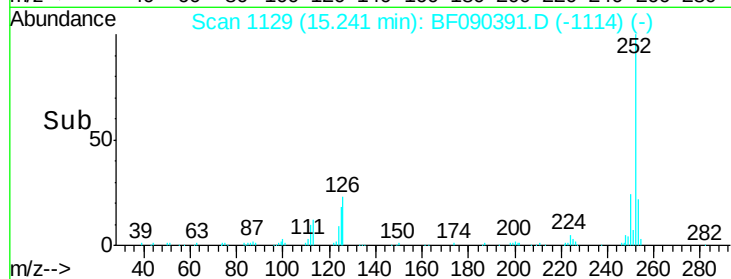
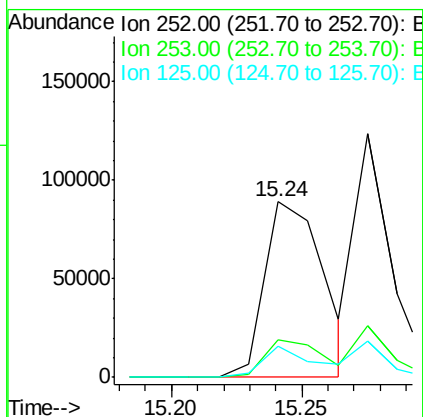
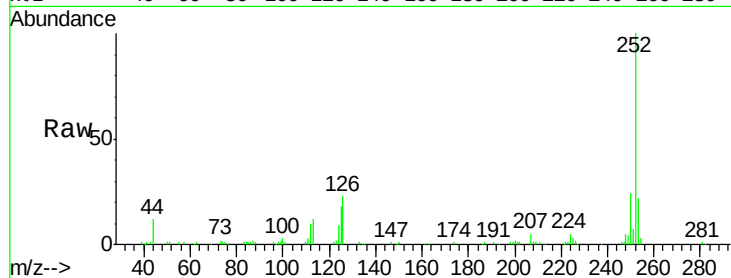




#87
Benzo(b)fluoranthene
Concen: 4.61 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

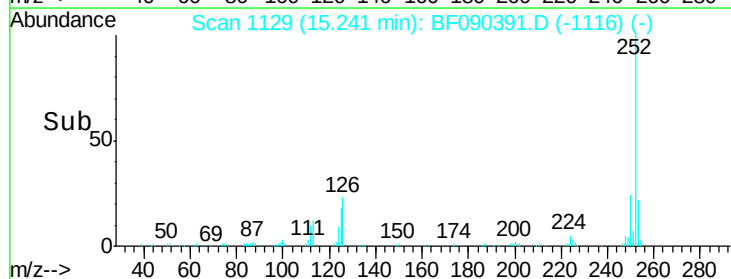
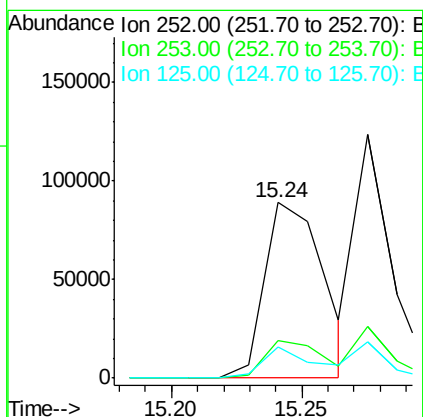
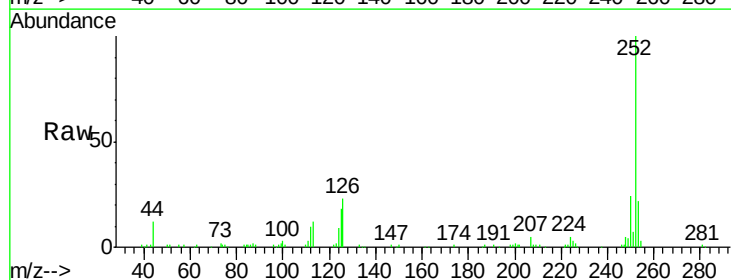
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

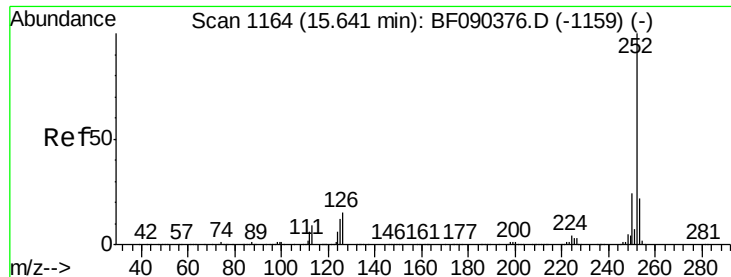
Tgt Ion:252 Resp: 140116
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 17.9 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 4.91 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion:252 Resp: 140116
Ion Ratio Lower Upper
252 100
253 21.7 18.6 27.8
125 17.9 11.7 17.5#

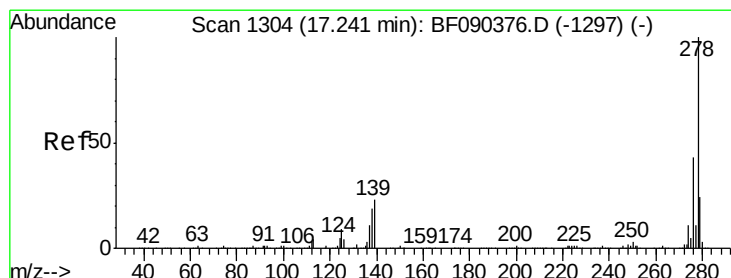
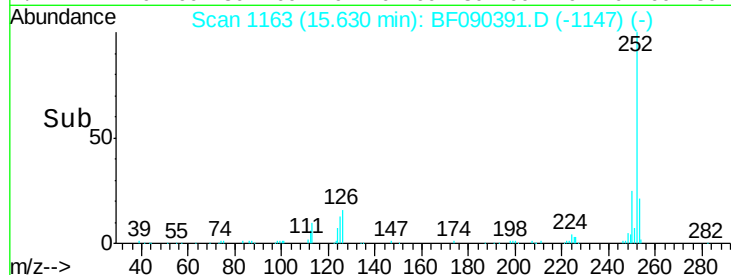
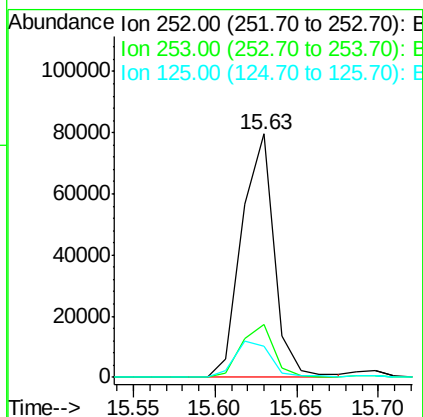
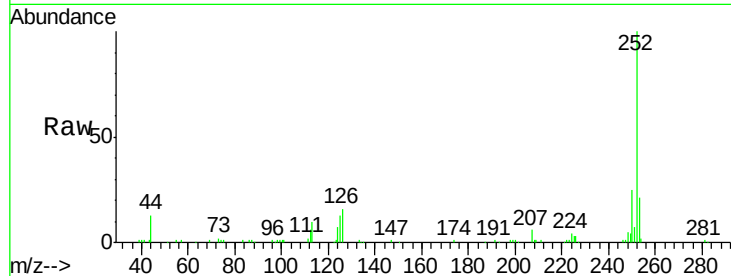




#89
Benzo(a)pyrene
Concen: 4.19 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

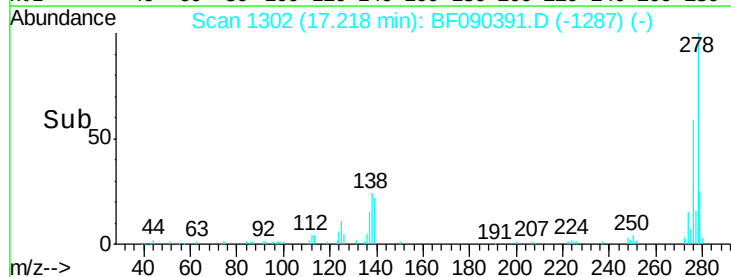
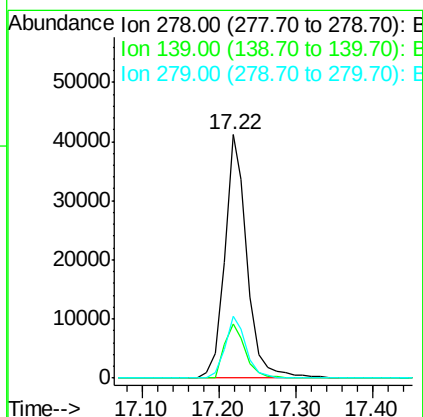
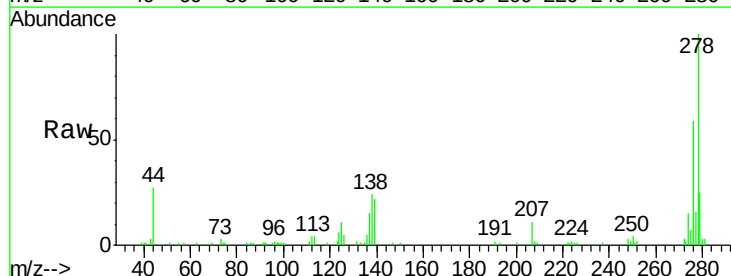
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

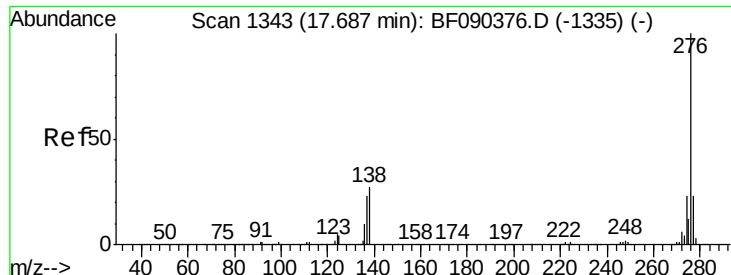
Tgt Ion: 252 Resp: 109597
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 13.0 9.8 14.8



#90
Dibenzo(a,h)anthracene
Concen: 3.78 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF090391.D
Acq: 5 Oct 2016 20:34

Tgt Ion: 278 Resp: 84112
Ion Ratio Lower Upper
278 100
139 22.4 12.8 19.2#
279 25.2 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 3.81 ng

RT: 17.65 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BF090391.D

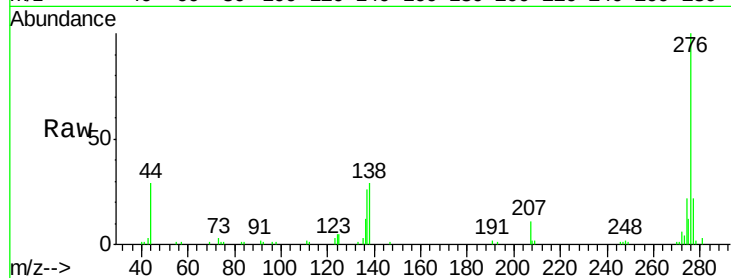
Acq: 5 Oct 2016 20:34

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4



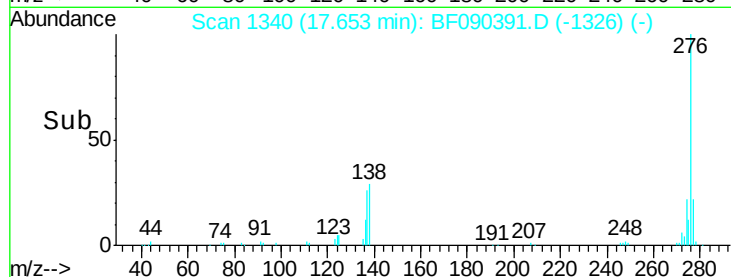
Tgt Ion: 276 Resp: 81375

Ion Ratio Lower Upper

276 100

277 22.3 19.4 29.0

138 29.3 20.8 31.2



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

