

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090390.D
 Acq On : 5 Oct 2016 20:07
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 2PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 06 01:10:08 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	243866	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	983602	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	505151	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	763877	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	658606	20.00	ng	-0.01
86) Perylene-d12	15.70	264	463409	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1791661	109.65	ng	0.01
7) Phenol-d6	6.62	99	2230373	104.22	ng	0.00
23) Nitrobenzene-d5	7.56	82	1551176	76.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	503787	122.65	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2413332	79.60	ng	-0.01
78) Terphenyl-d14	13.14	244	2480067	84.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	14495	1.80	ng	# 89
4) n-Nitrosodimethylamine	3.53	42	15176	1.64	ng	# 71
6) Aniline	6.66	93	46316	1.57	ng	99
8) 2-Chlorophenol	6.78	128	36744	2.04	ng	95
9) Benzaldehyde	6.54	77	18562	1.72	ng	94
10) Phenol	6.63	94	64137	2.58	ng	94
11) bis(2-Chloroethyl)ether	6.73	93	31855	1.67	ng	# 83
12) 1,3-Dichlorobenzene	6.94	146	31718	1.77	ng	# 95
13) 1,4-Dichlorobenzene	7.01	146	29473	1.62	ng	95
14) 1,2-Dichlorobenzene	7.17	146	34202	1.95	ng	98
15) Benzyl Alcohol	7.16	79	54588	3.36	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.27	45	58481	1.81	ng	97
17) 2-Methylphenol	7.24	107	25463	1.72	ng	96
18) Hexachloroethane	7.51	117	11653	1.62	ng	# 90
19) n-Nitroso-di-n-propylamine	7.40	70	27740	1.77	ng	# 89
20) 3+4-Methylphenols	7.40	107	32843	1.72	ng	# 42
22) Acetophenone	7.40	105	45228	1.94	ng	# 94
24) Nitrobenzene	7.57	77	41031	2.04	ng	92
25) Isophorone	7.81	82	65933	1.78	ng	# 93
26) 2-Nitrophenol	7.90	139	12268	1.42	ng	94
27) 2,4-Dimethylphenol	7.93	122	31148	1.85	ng	89
28) bis(2-Chloroethoxy)methane	8.03	93	42815	1.96	ng	# 94
29) 2,4-Dichlorophenol	8.14	162	21108	1.65	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	21980	1.67	ng	96
31) Naphthalene	8.31	128	89768	1.89	ng	96
32) Benzoic acid	7.93	122	31147	2.67	ng	# 20
33) 4-Chloroaniline	8.35	127	28967	1.48	ng	95
34) Hexachlorobutadiene	8.43	225	11396	1.55	ng	97
35) Caprolactam	8.67	113	6769	1.58	ng	# 83
36) 4-Chloro-3-methylphenol	8.83	107	28273	1.77	ng	99
37) 2-Methylnaphthalene	9.00	142	53211	1.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	21676	1.63	ng	# 96
40) Hexachlorocyclopentadiene	9.16	237	9225	1.26	ng	97
42) 2,4,6-Trichlorophenol	9.27	196	13737	1.49	ng	96

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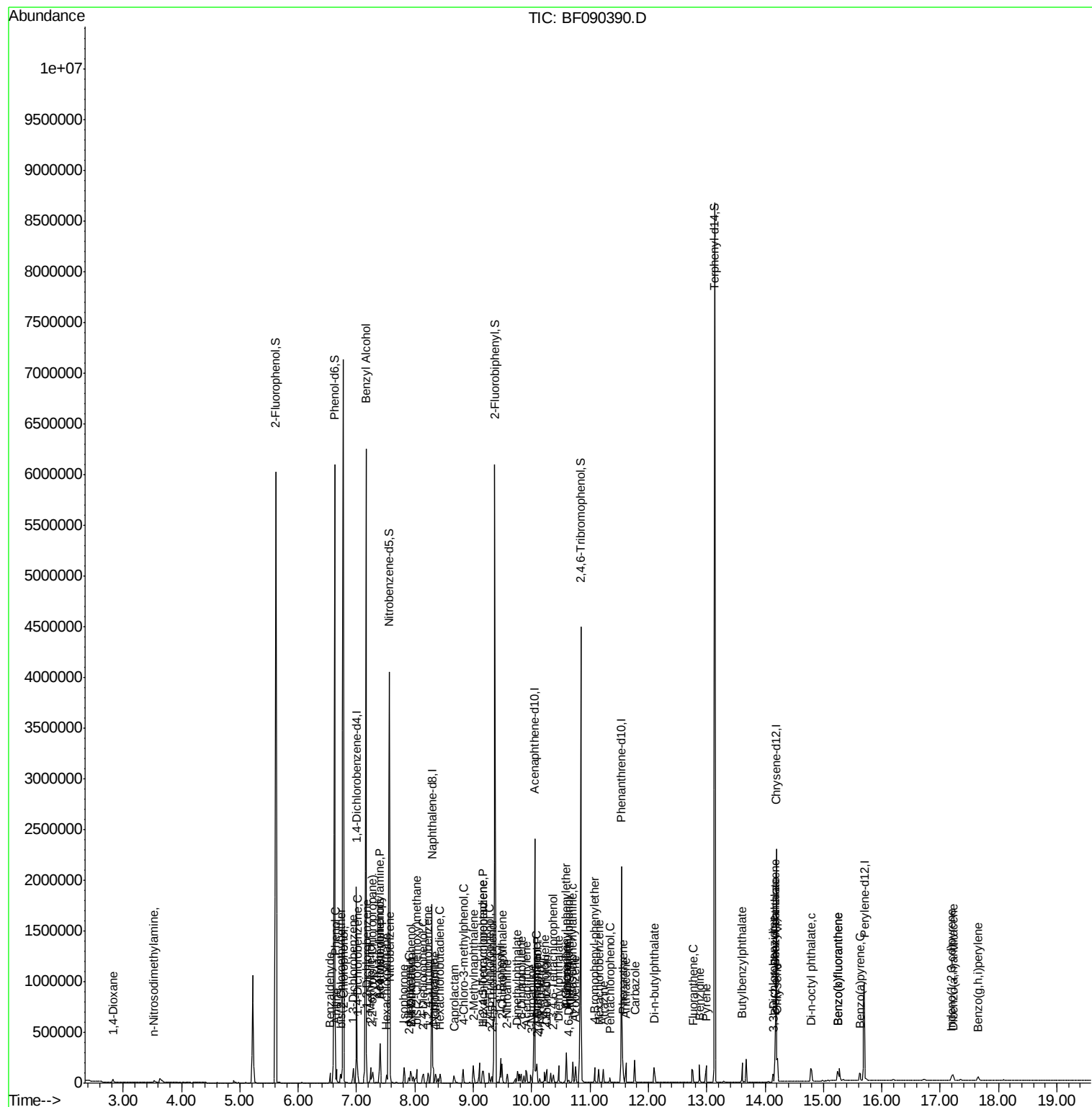
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.32	196	12558	1.45	ng	# 91
45) 1,1'-Biphenyl	9.47	154	73780	1.97	ng	96
46) 2-Chloronaphthalene	9.49	162	51881	1.88	ng	97
47) 2-Nitroaniline	9.58	65	18118	1.66	ng	99
48) Acenaphthylene	9.91	152	79449	1.74	ng	# 95
49) Dimethylphthalate	9.75	163	54835	1.69	ng	98
50) 2,6-Dinitrotoluene	9.82	165	11197	1.56	ng	# 84
51) Acenaphthene	10.09	154	51941	1.83	ng	98
52) 3-Nitroaniline	9.99	138	12022	1.43	ng	93
53) 2,4-Dinitrophenol	10.10	184	2014	0.63	ng	# 69
54) Dibenzofuran	10.26	168	66548	1.81	ng	97
55) 4-Nitrophenol	10.14	139	9317	1.27	ng	92
56) 2,4-Dinitrotoluene	10.22	165	13856	1.45	ng	# 28
57) Fluorene	10.60	166	58015	1.87	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	9849	1.52	ng	# 82
59) Diethylphthalate	10.46	149	61319	1.83	ng	# 88
60) 4-Chlorophenyl-phenylether	10.59	204	23073	1.64	ng	# 83
61) 4-Nitroaniline	10.60	138	13417	1.59	ng	91
62) Azobenzene	10.75	77	71015	1.84	ng	87
64) 4,6-Dinitro-2-methylphenol	10.63	198	3268	6.00	ng	# 60
65) n-Nitrosodiphenylamine	10.70	169	45850	1.79	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	12571	1.68	ng	# 76
67) Hexachlorobenzene	11.15	284	16103	1.93	ng	# 86
68) Atrazine	11.23	200	11789	1.87	ng	99
69) Pentachlorophenol	11.34	266	6602	1.33	ng	95
70) Phenanthrene	11.56	178	80483	2.06	ng	94
71) Anthracene	11.62	178	79632	1.99	ng	94
72) Carbazole	11.77	167	79741	2.15	ng	95
73) Di-n-butylphthalate	12.10	149	89002	1.97	ng	97
74) Fluoranthene	12.76	202	71672	1.87	ng	90
76) Benzidine	12.88	184	59550	3.44	ng	98
77) Pyrene	12.99	202	74871	1.70	ng	96
79) Butylbenzylphthalate	13.61	149	37122	1.65	ng	# 78
80) Benzo(a)anthracene	14.18	228	69439	1.88	ng	96
81) 3,3'-Dichlorobenzidine	14.14	252	18828	1.41	ng	# 97
82) Chrysene	14.21	228	62973	1.85	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	51241	1.60	ng	# 91
84) Di-n-octyl phthalate	14.80	149	78061	1.64	ng	100
85) Indeno(1,2,3-cd)pyrene	17.20	276	39417	1.63	ng	93
87) Benzo(b)fluoranthene	15.24	252	53598	1.82	ng	# 92
88) Benzo(k)fluoranthene	15.24	252	53598	1.93	ng	# 95
89) Benzo(a)pyrene	15.63	252	41558	1.63	ng	99
90) Dibenzo(a,h)anthracene	17.22	278	32326	1.49	ng	# 95
91) Benzo(g,h,i)perylene	17.65	276	31452	1.51	ng	# 94

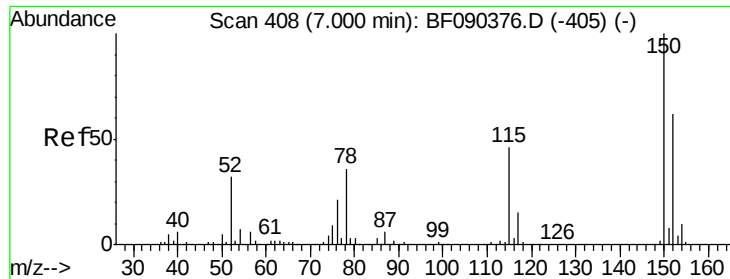
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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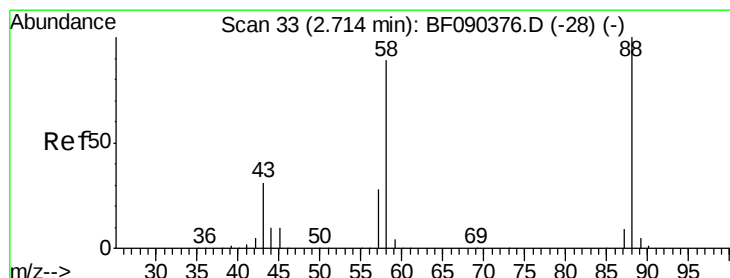
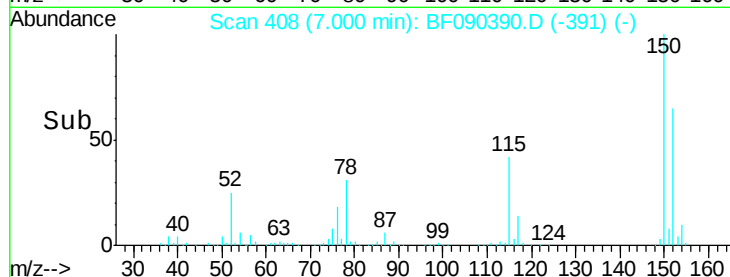
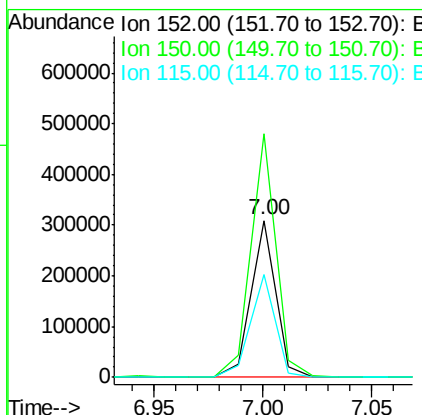
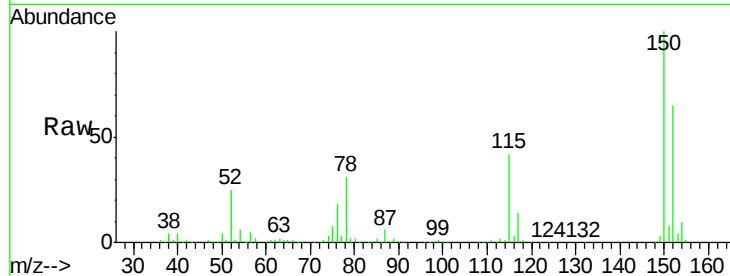


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

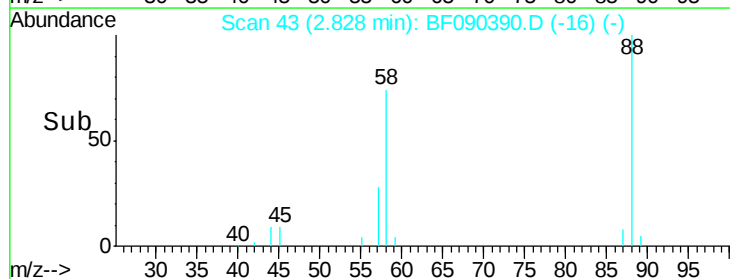
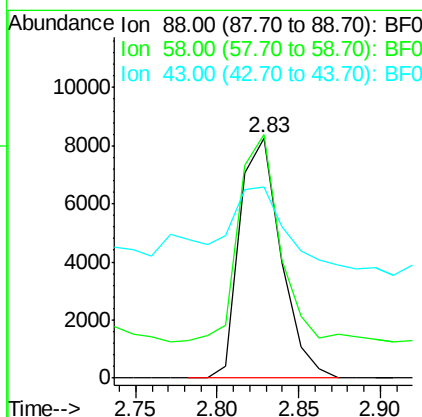
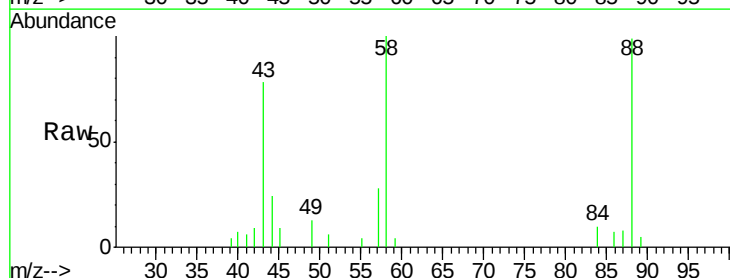
Tgt Ion:152 Resp: 243866
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 65.2 46.2 69.4

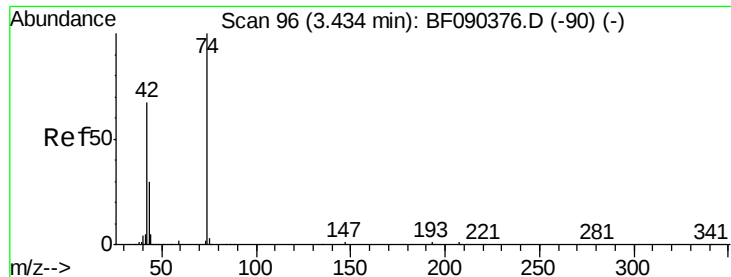


#2

1,4-Dioxane
Concen: 1.80 ng
RT: 2.83 min Scan# 43
Delta R.T. 0.11 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 88 Resp: 14495
Ion Ratio Lower Upper
88 100
58 84.9 71.2 106.8
43 52.3 29.8 44.6#





#4

n-Nitrosodimethylamine

Concen: 1.64 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

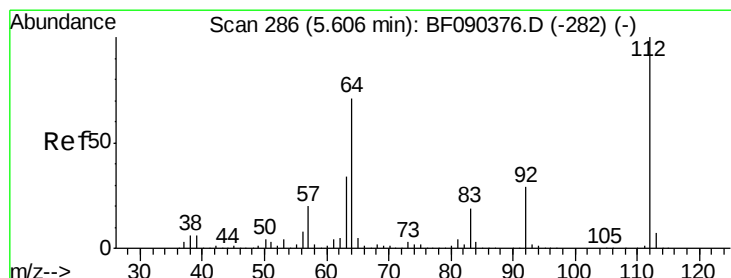
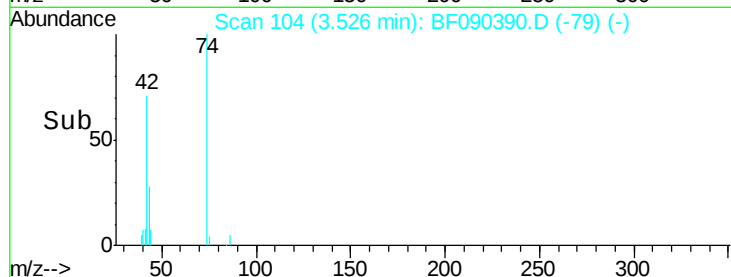
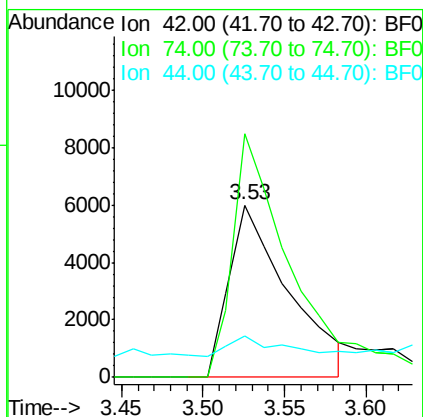
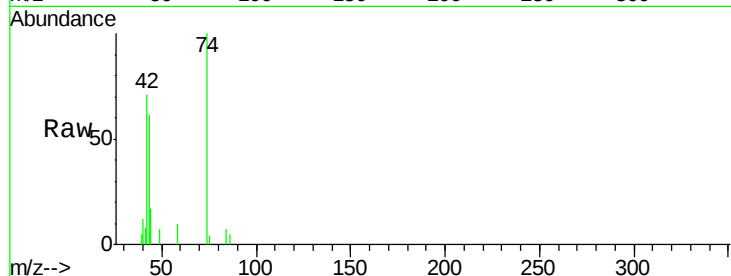
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	42	Resp:	15176
Ion	Ratio	Lower	Upper
42	100		
74	141.2	88.9	133.3#
44	23.7	6.5	9.7#



#5

2-Fluorophenol

Concen: 109.65 ng

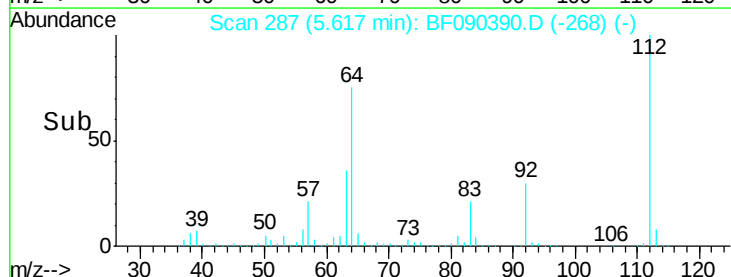
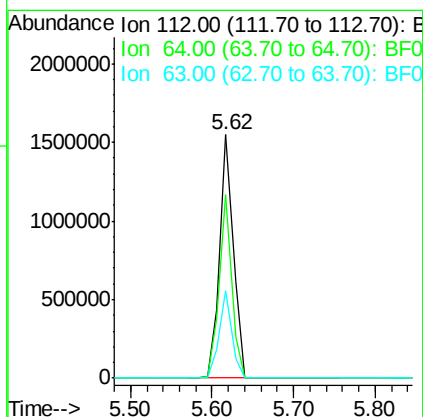
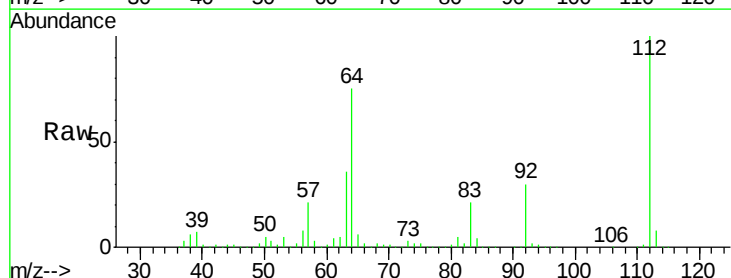
RT: 5.62 min Scan# 287

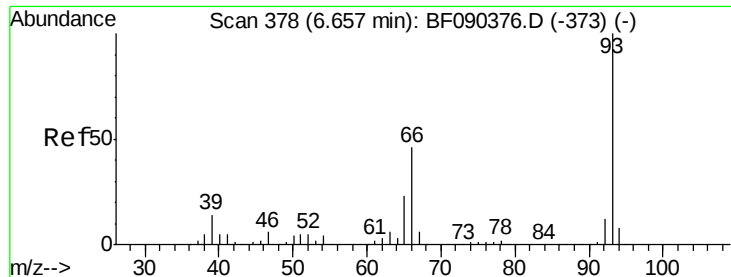
Delta R.T. 0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Tgt Ion:	112	Resp:	1791661
Ion	Ratio	Lower	Upper
112	100		
64	75.4	57.9	86.9
63	36.2	29.6	44.4





#6

Aniline

Concen: 1.57 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

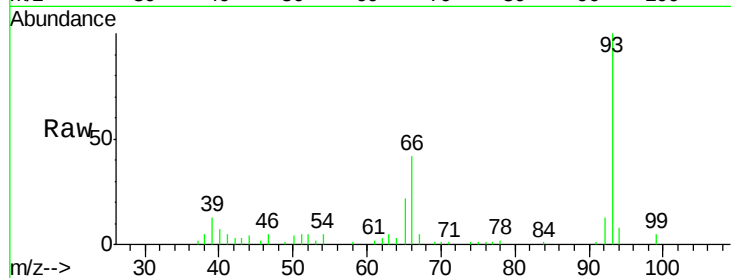
Tgt Ion: 93 Resp: 46316

Ion Ratio Lower Upper

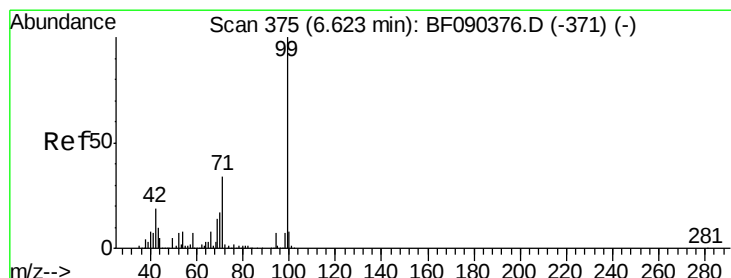
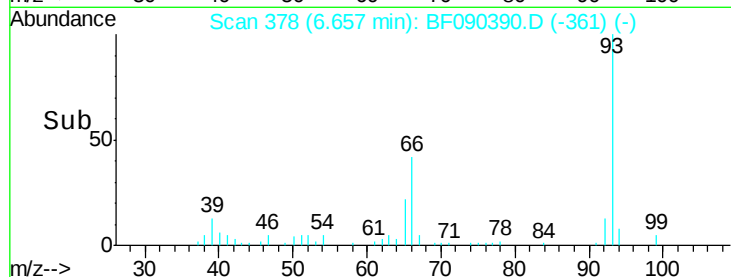
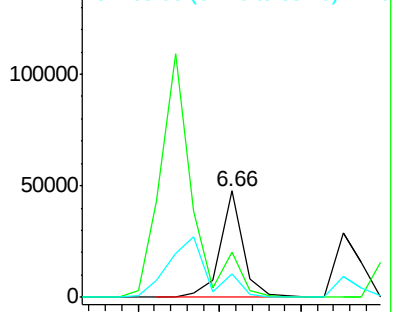
93 100

66 42.4 34.5 51.7

65 21.9 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: 104.22 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

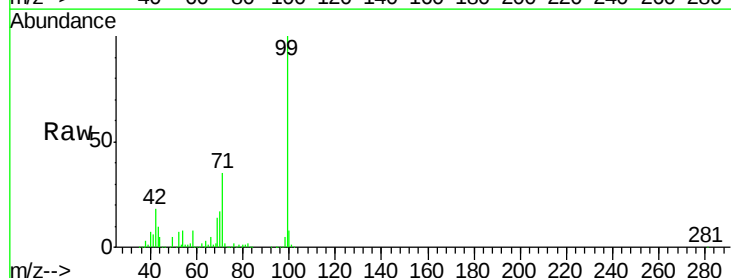
Tgt Ion: 99 Resp: 2230373

Ion Ratio Lower Upper

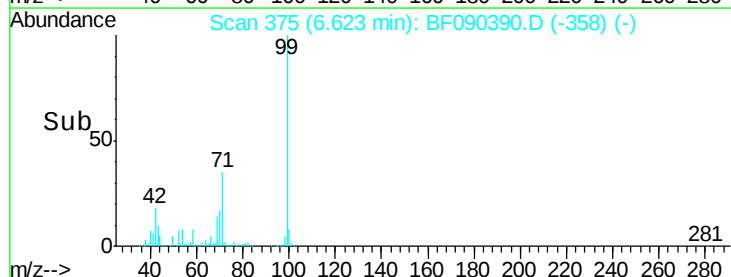
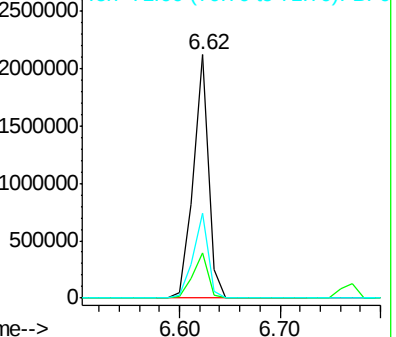
99 100

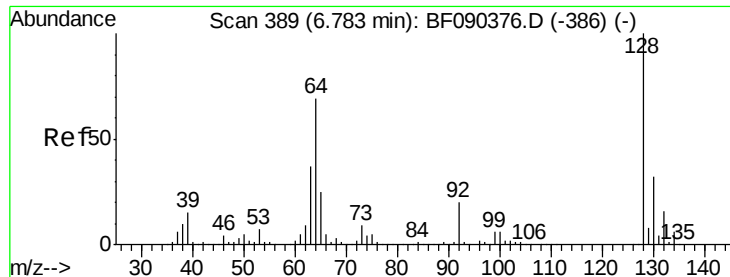
42 18.3 20.0 30.0#

71 34.7 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

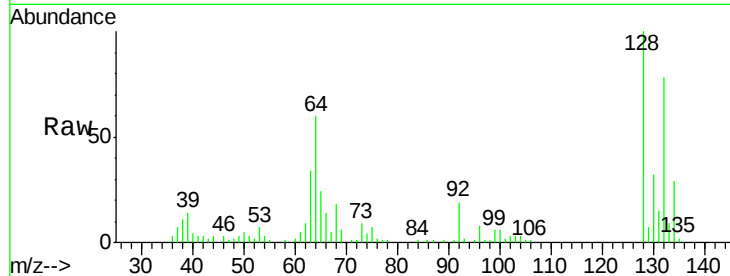




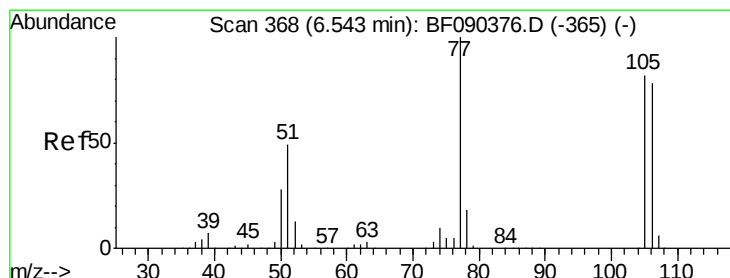
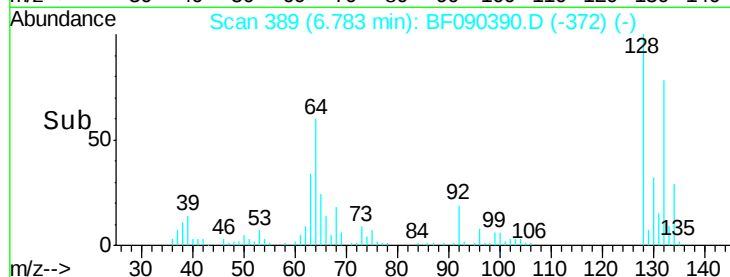
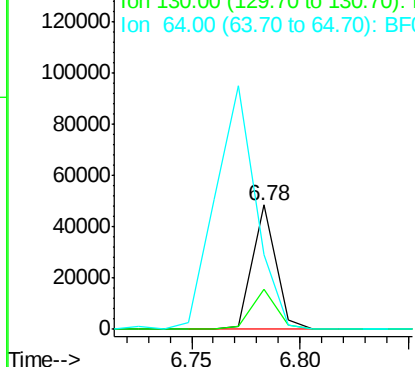
#8
2-Chlorophenol
Concen: 2.04 ng
RT: 6.78 min Scan# 389
Delta R.T. -0.00 min
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Tgt Ion: 128 Resp: 36744
Ion Ratio Lower Upper
128 100
130 31.7 13.3 53.3
64 60.1 36.0 76.0

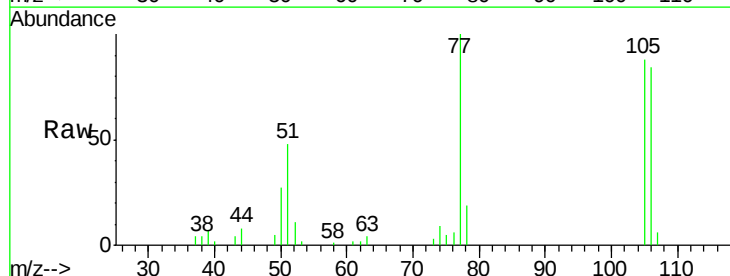


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

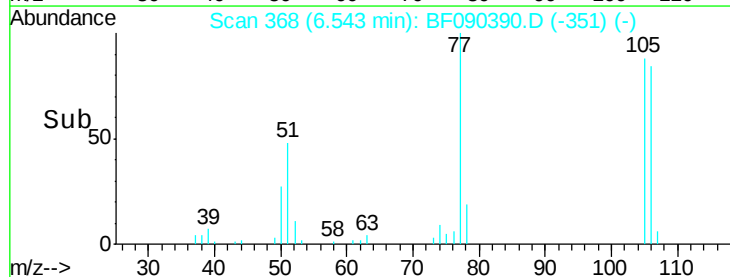
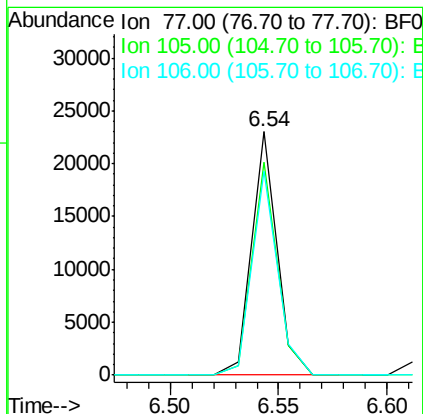


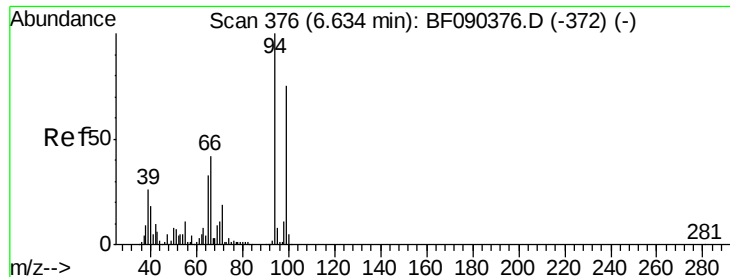
#9
Benzaldehyde
Concen: 1.72 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 77 Resp: 18562
Ion Ratio Lower Upper
77 100
105 87.7 73.1 113.1
106 83.6 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.58 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090390.D

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LOD-WATER2016-05-QT4

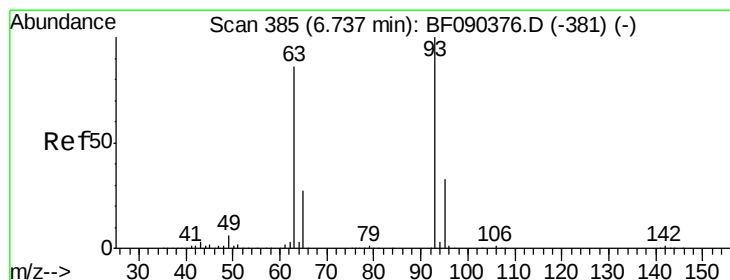
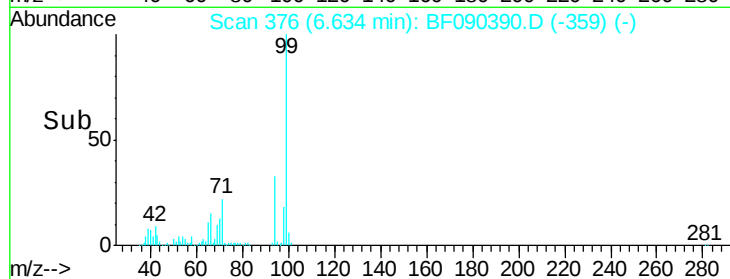
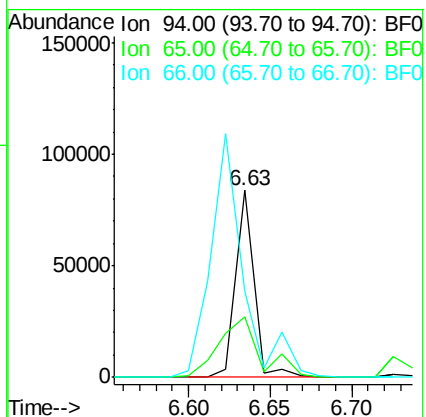
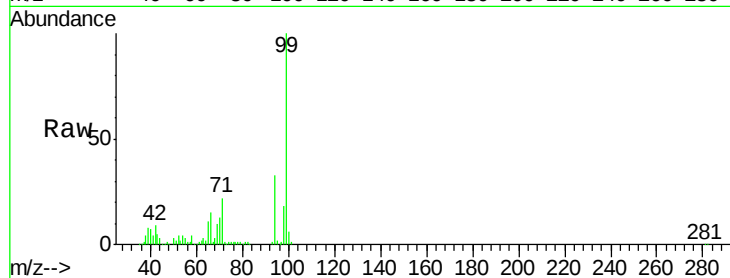
Tgt Ion: 94 Resp: 64137

Ion Ratio Lower Upper

94 100

65 32.4 13.3 53.3

66 45.9 20.4 60.4



#11

bis(2-Chloroethyl)ether

Concen: 1.67 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

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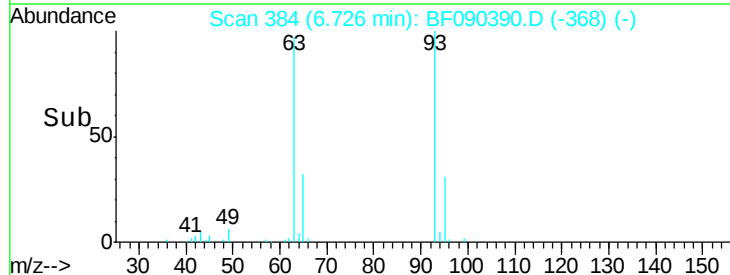
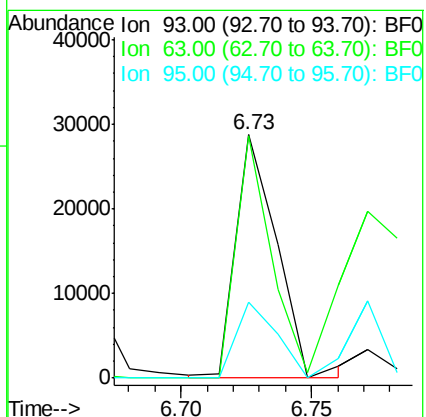
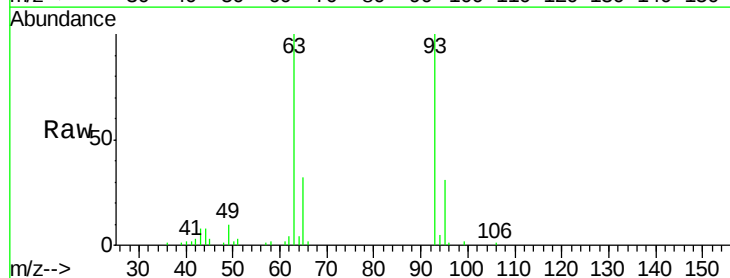
Tgt Ion: 93 Resp: 31855

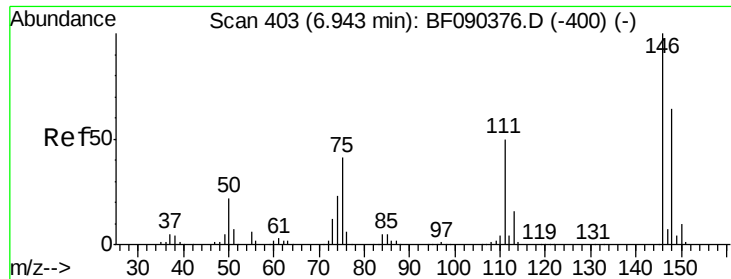
Ion Ratio Lower Upper

93 100

63 99.7 59.7 99.7#

95 31.1 14.0 54.0

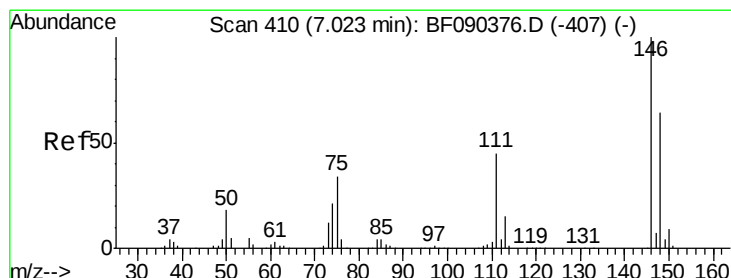
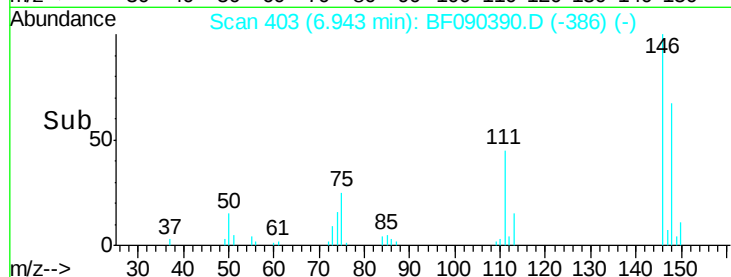
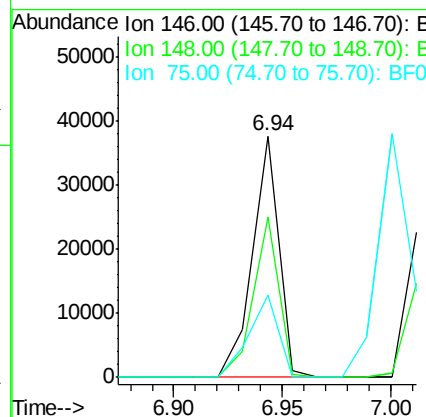
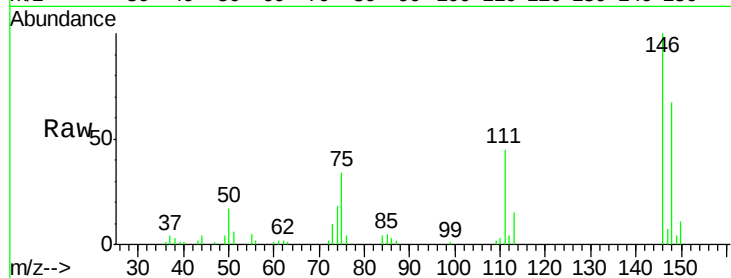




#12
 1,3-Dichlorobenzene
 Concen: 1.77 ng
 RT: 6.94 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

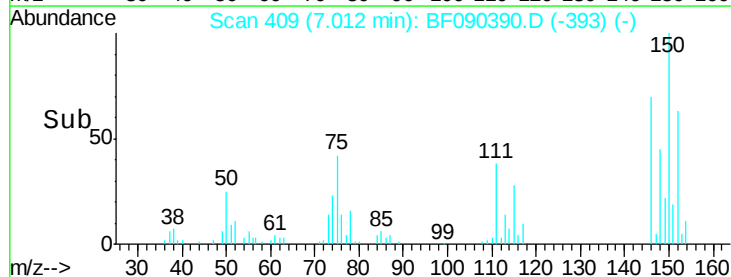
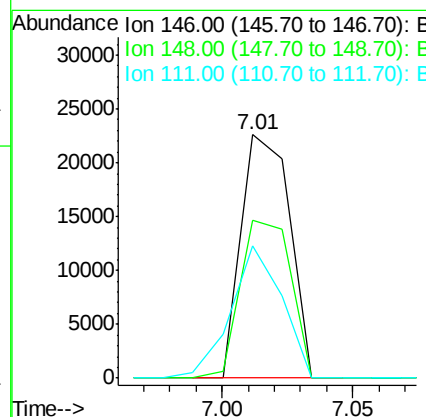
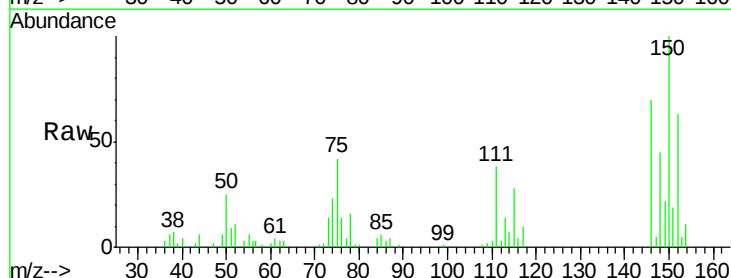
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

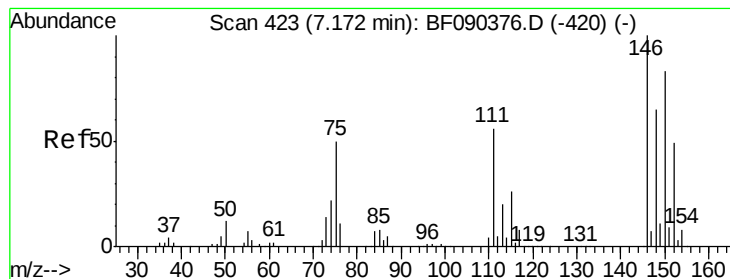
Tgt Ion:146 Resp: 31718
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.2 78.4
 75 34.3 21.4 32.2#



#13
 1,4-Dichlorobenzene
 Concen: 1.62 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:146 Resp: 29473
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 54.6 37.8 56.6





#14

1,2-Dichlorobenzene

Concen: 1.95 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

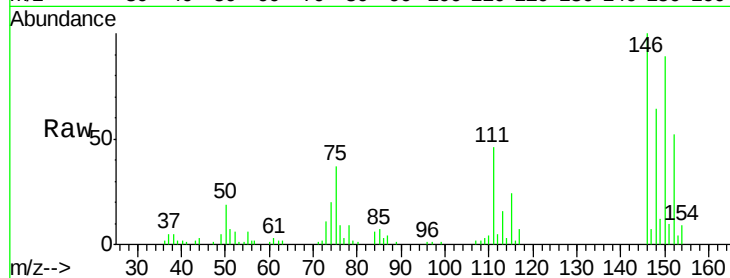
Tgt Ion:146 Resp: 34202

Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

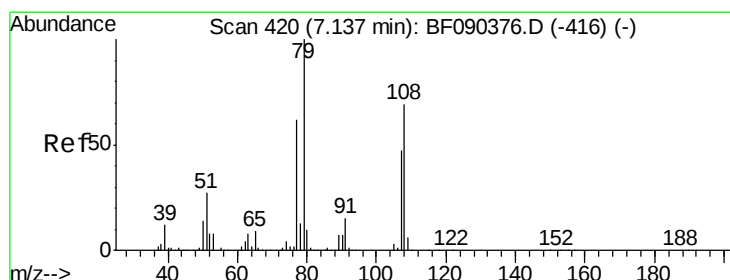
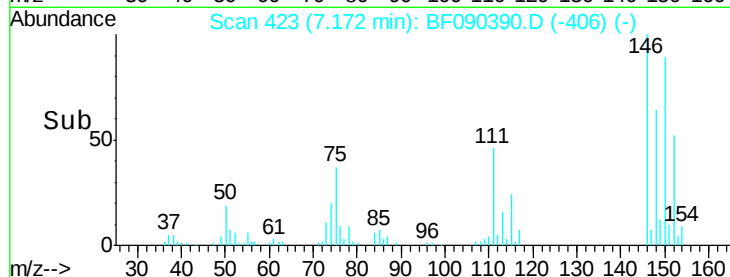
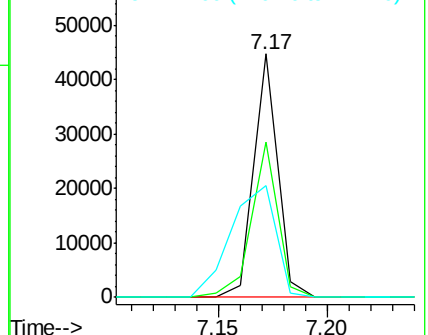
111 45.8 38.2 57.4



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: 3.36 ng

RT: 7.16 min Scan# 422

Delta R.T. 0.02 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

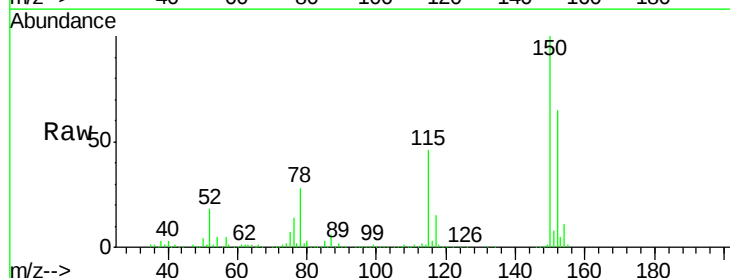
Tgt Ion: 79 Resp: 54588

Ion Ratio Lower Upper

79 100

108 30.6 60.9 91.3#

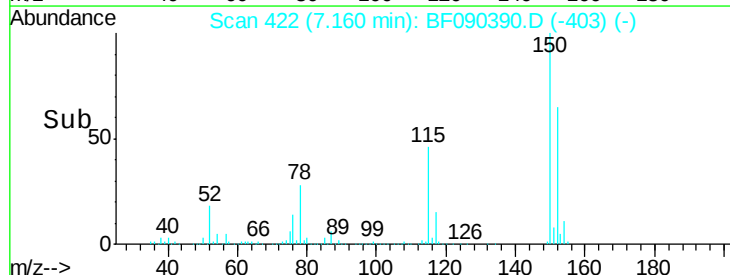
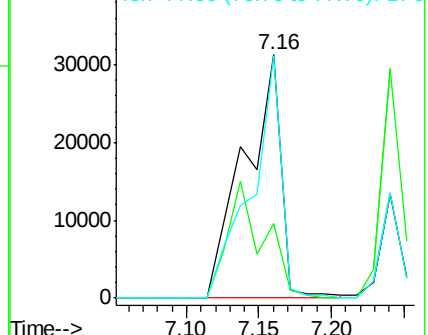
77 99.7 51.5 77.3#

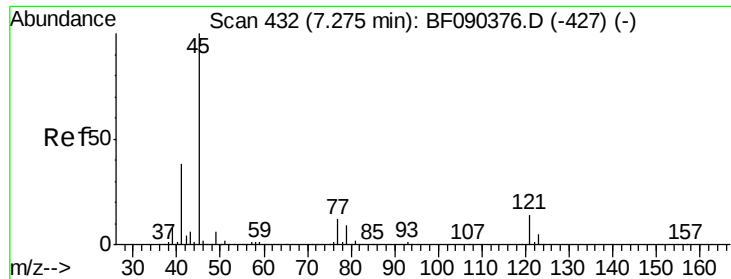


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

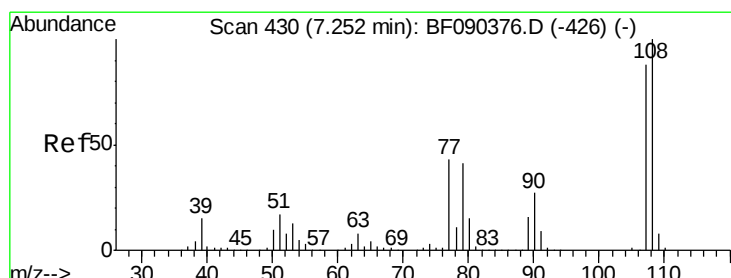
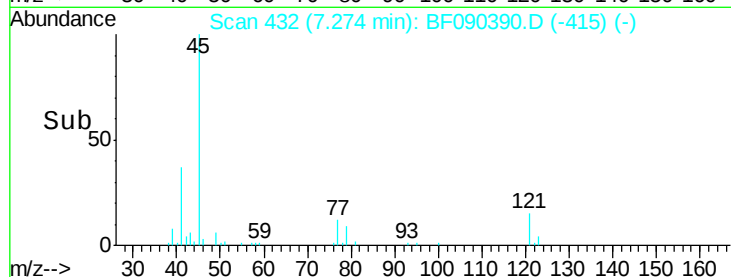
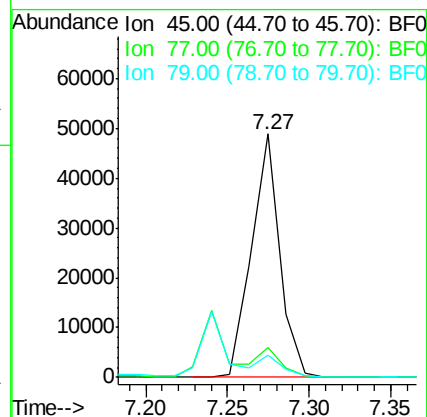
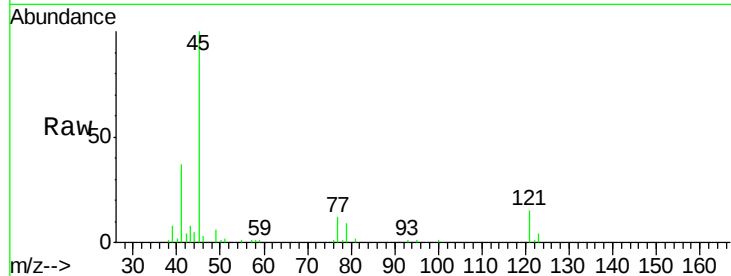




#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.81 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

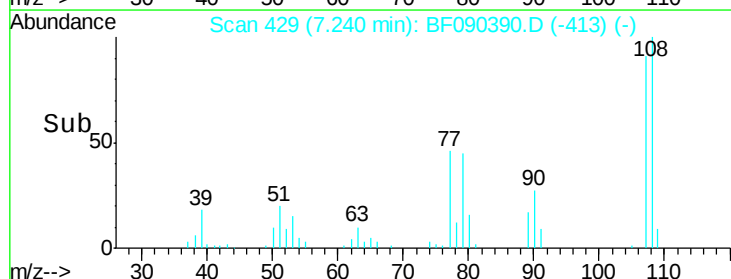
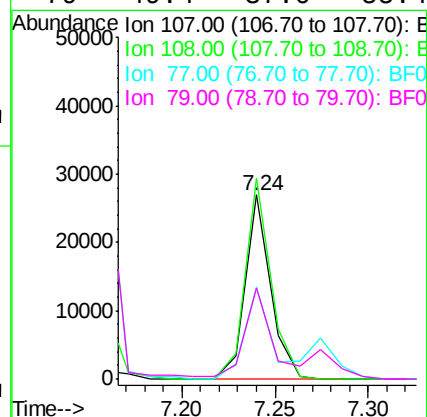
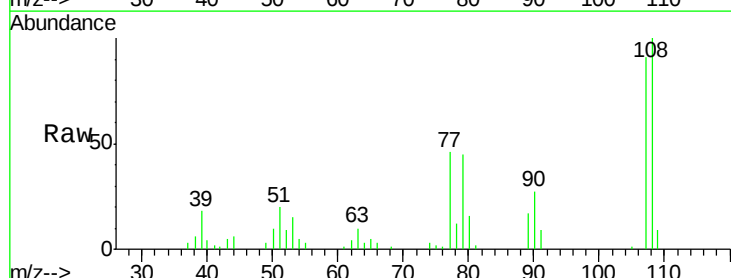
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

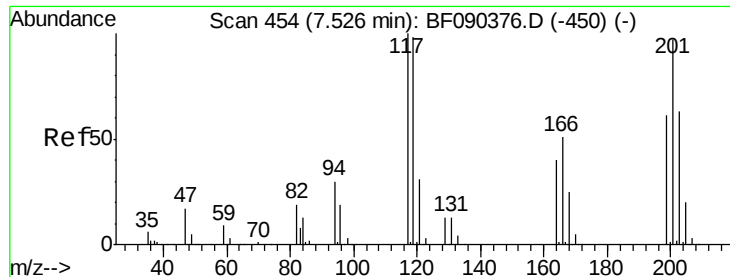
Tgt Ion: 45 Resp: 58481
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.8
79 8.9 0.0 28.2



#17
2-Methylphenol
Concen: 1.72 ng
RT: 7.24 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 107 Resp: 25463
Ion Ratio Lower Upper
107 100
108 109.4 90.9 136.3
77 50.4 38.2 57.4
79 49.4 37.0 55.4

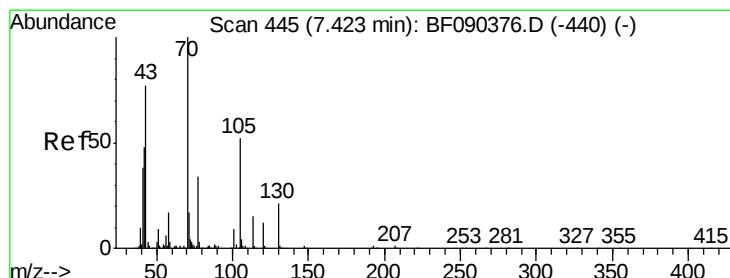
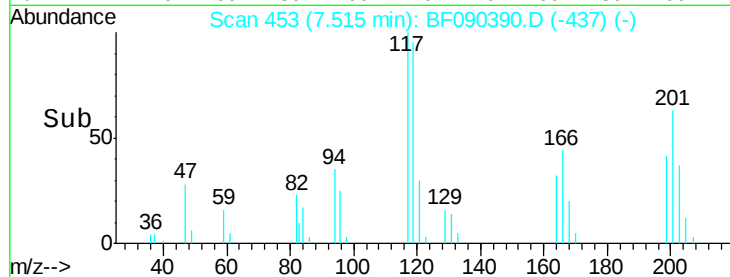
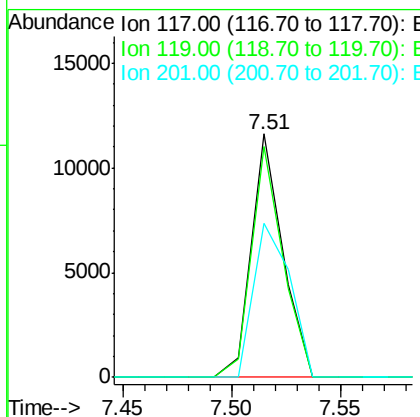
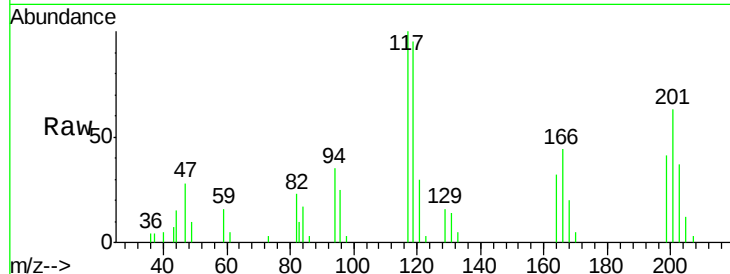




#18
Hexachloroethane
Concen: 1.62 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

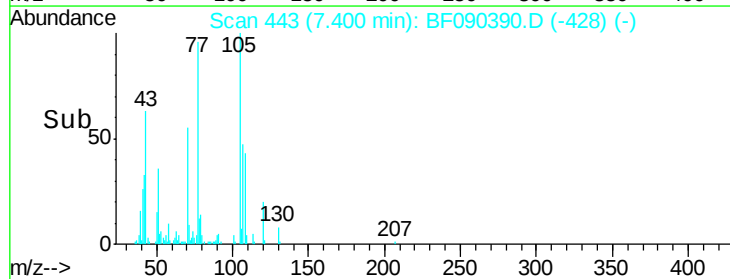
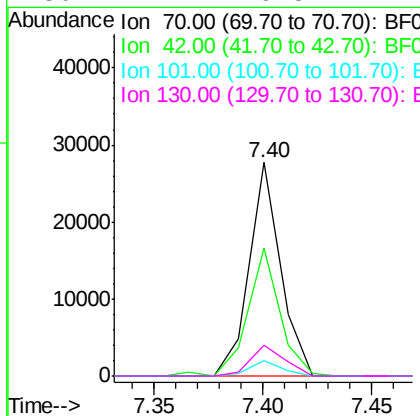
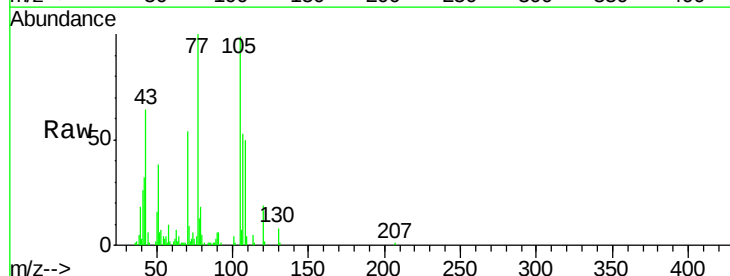
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

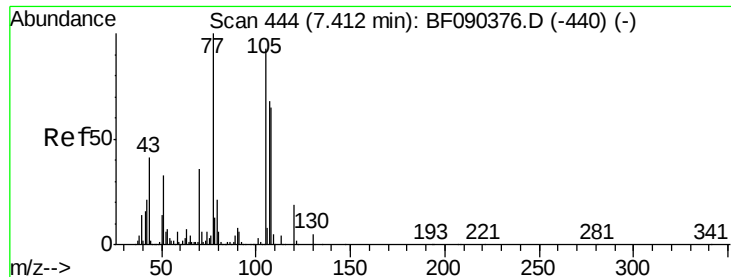
Tgt Ion: 117 Resp: 11653
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
201 63.0 66.5 99.7#



#19
n-Nitroso-di-n-propylamine
Concen: 1.77 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 70 Resp: 27740
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.2
101 7.0 7.6 11.4#
130 14.7 16.5 24.7#





#20

3+4-Methylphenols

Concen: 1.72 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

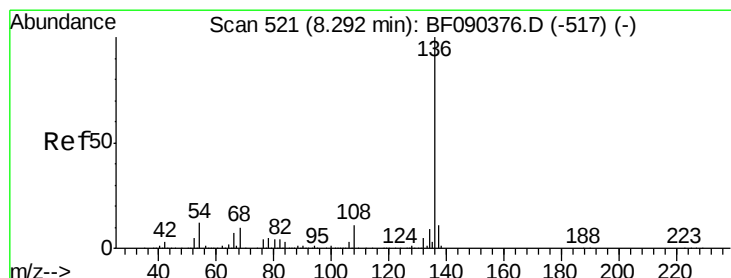
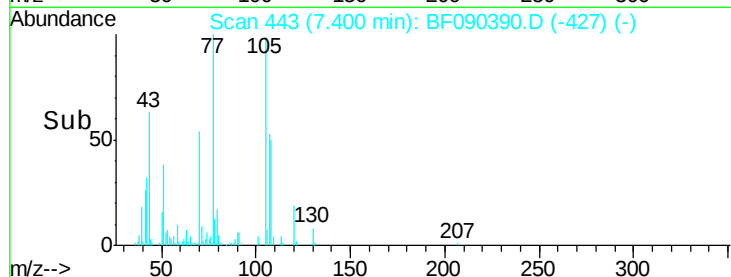
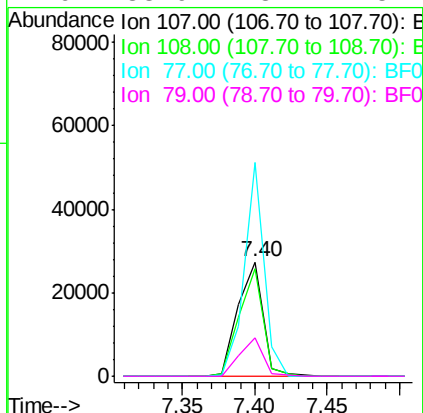
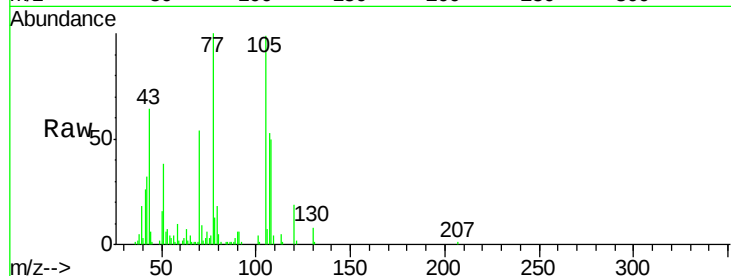
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	107	Resp:	32843
Ion	Ratio	Lower	Upper
107	100		
108	94.4	66.7	106.7
77	187.4	53.7	93.7#
79	33.9	8.4	48.4



#21

Naphthalene-d8

Concen: 20.00 ng

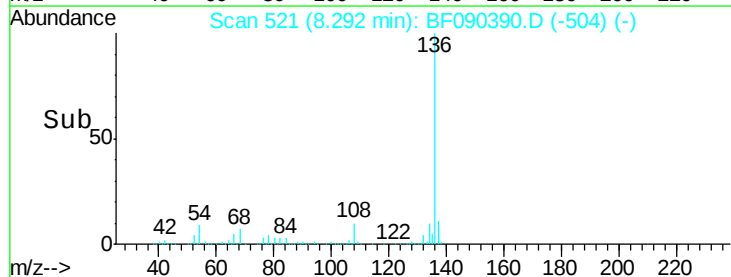
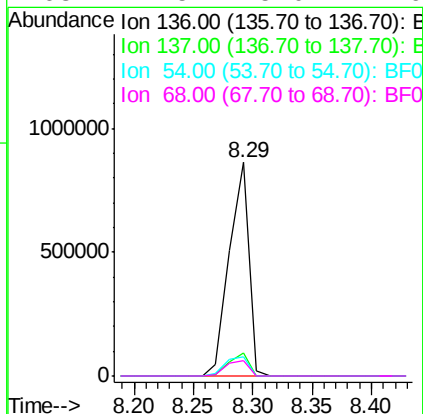
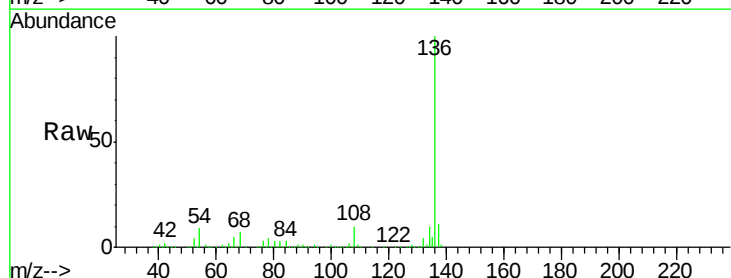
RT: 8.29 min Scan# 521

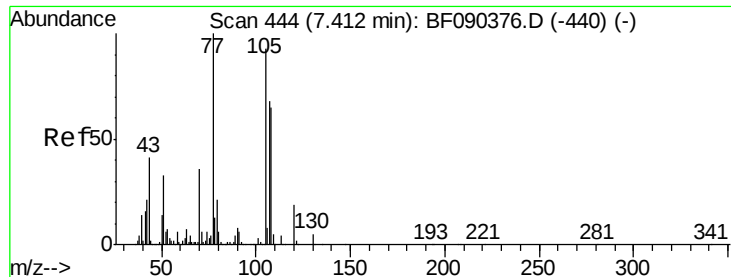
Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Tgt Ion:	136	Resp:	983602
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.8	6.6	10.0
68	7.5	5.0	7.6





#22

Acetophenone

Concen: 1.94 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090390.D

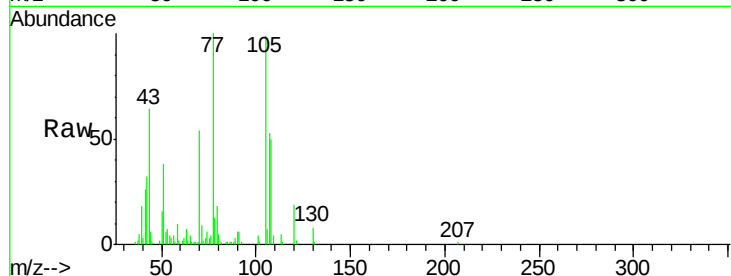
Acq: 5 Oct 2016 20:07

Instrument :

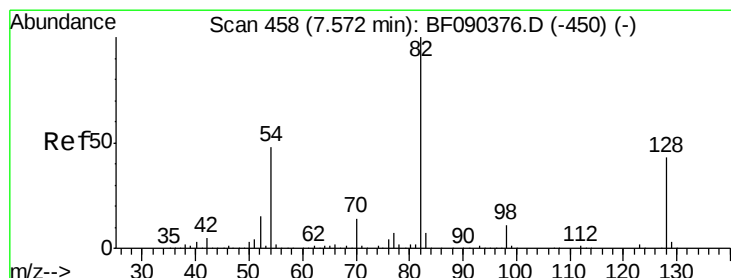
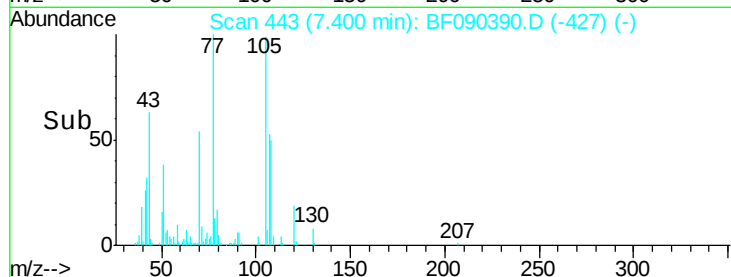
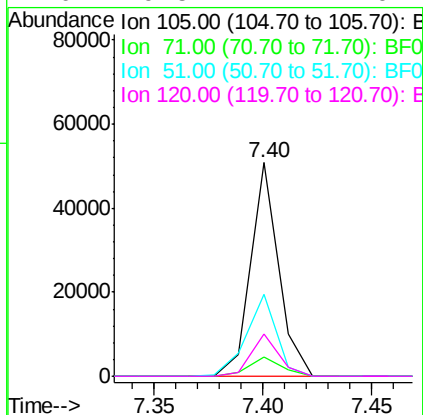
BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4



Tgt Ion:	105	Resp:	45228
Ion	Ratio	Lower	Upper
105	100		
71	9.2	3.8	5.6#
51	38.2	28.2	42.4
120	19.5	17.4	26.2



#23

Nitrobenzene-d5

Concen: 76.71 ng

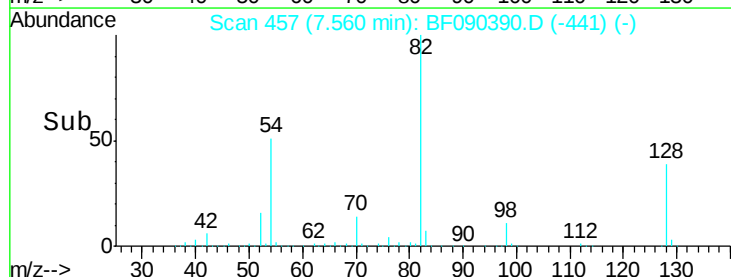
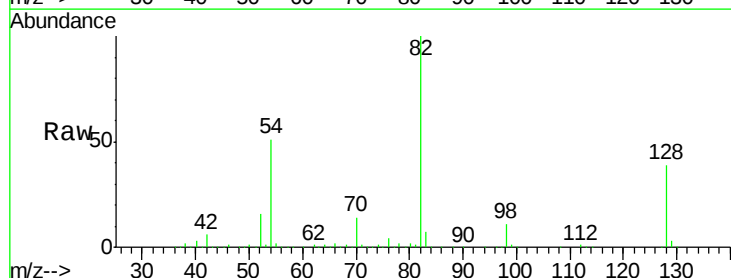
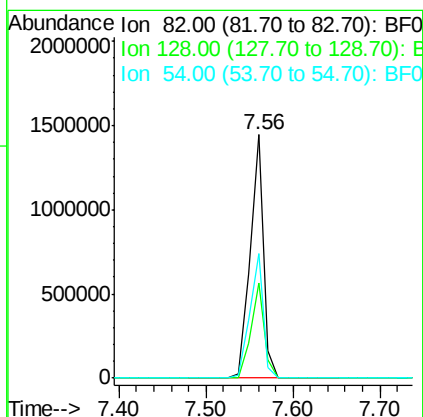
RT: 7.56 min Scan# 457

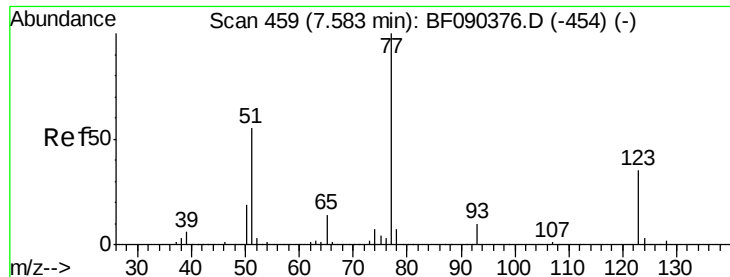
Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Tgt Ion:	82	Resp:	1551176
Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.0	60.0#
54	51.3	42.6	64.0

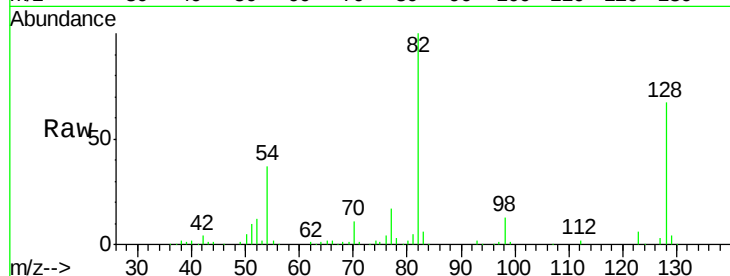




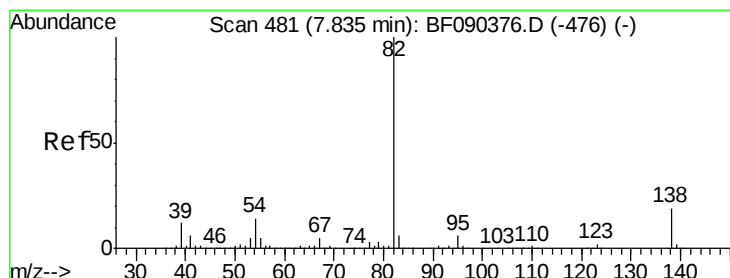
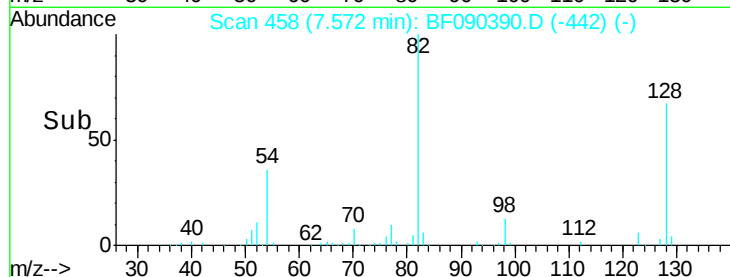
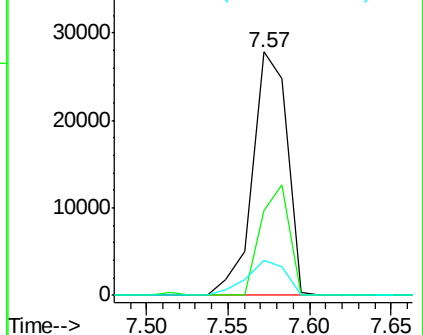
#24
Nitrobenzene
Concen: 2.04 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion: 77 Resp: 41031
Ion Ratio Lower Upper
77 100
123 34.8 33.0 49.4
65 14.2 12.0 18.0

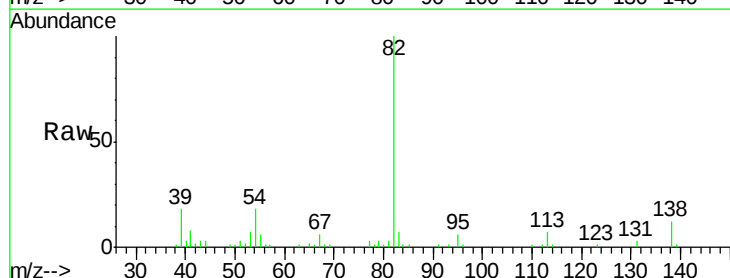


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

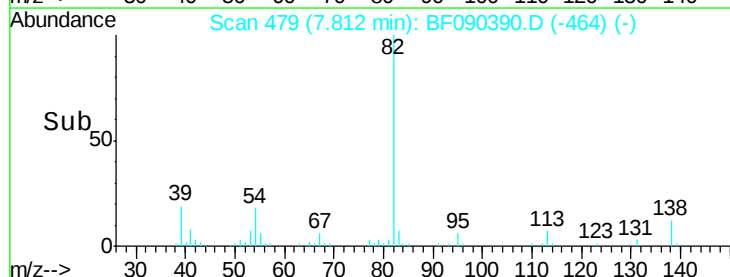
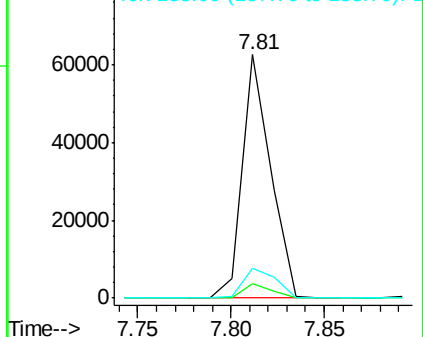


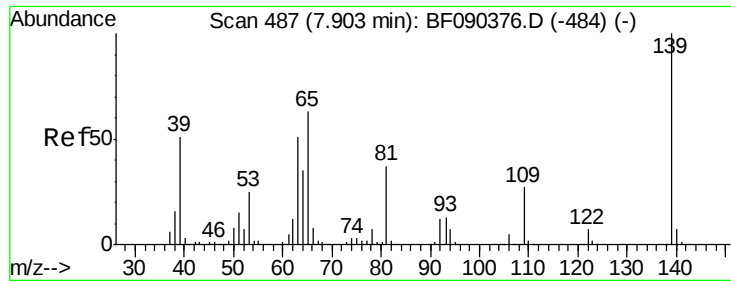
#25
Isophorone
Concen: 1.78 ng
RT: 7.81 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 82 Resp: 65933
Ion Ratio Lower Upper
82 100
95 6.1 5.2 7.8
138 12.3 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

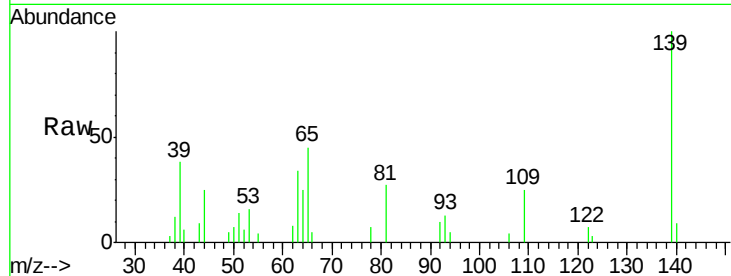




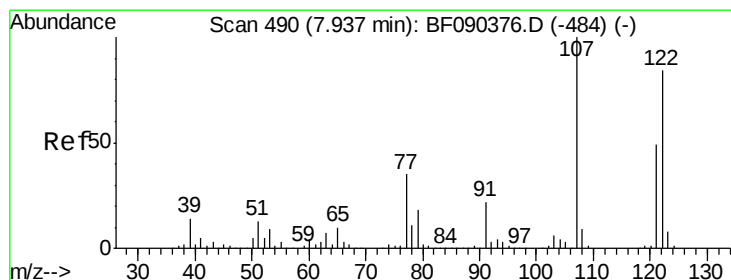
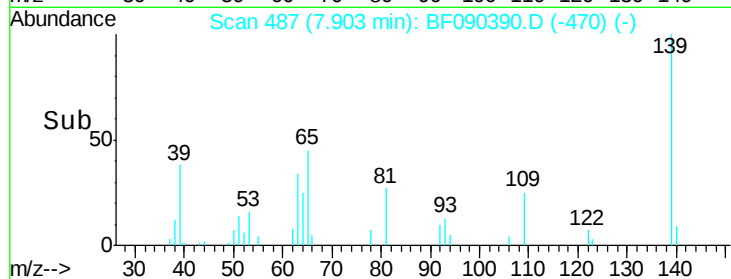
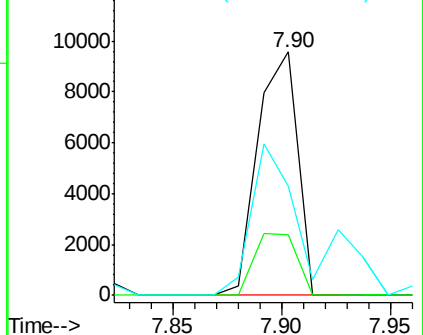
#26
2-Nitrophenol
Concen: 1.42 ng
RT: 7.90 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion:139 Resp: 12268
Ion Ratio Lower Upper
139 100
109 25.0 18.9 28.3
65 44.7 31.6 47.4

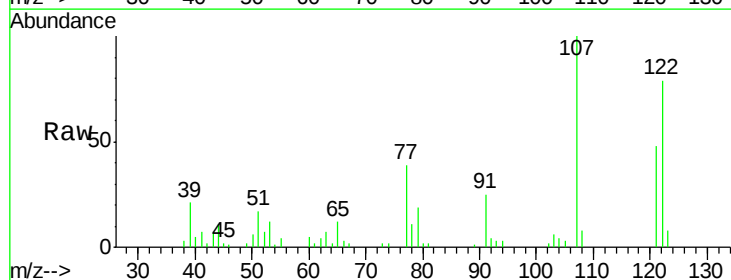


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

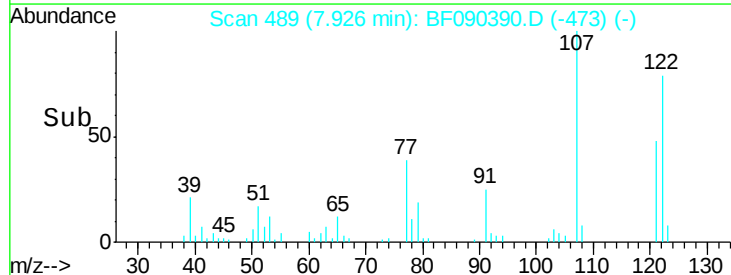
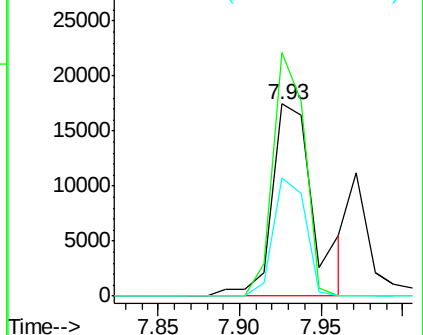


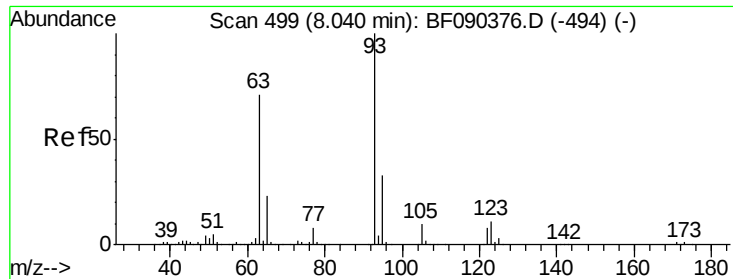
#27
2,4-Dimethylphenol
Concen: 1.85 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:122 Resp: 31148
Ion Ratio Lower Upper
122 100
107 126.8 88.6 132.8
121 61.4 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

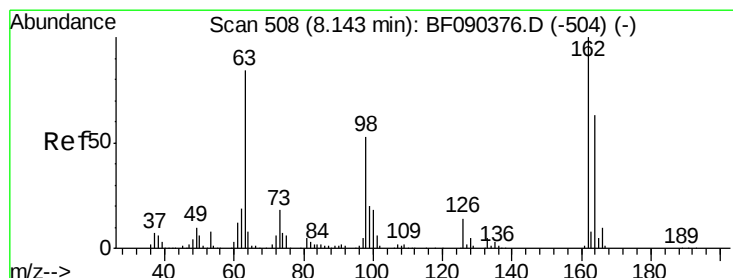
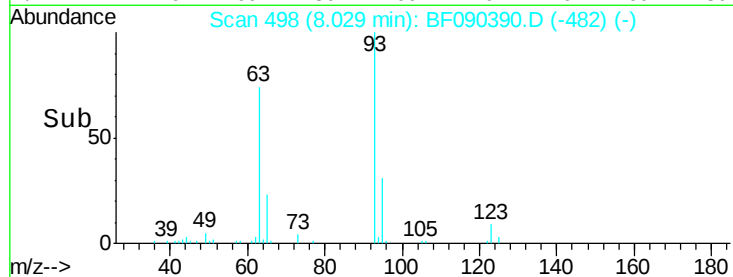
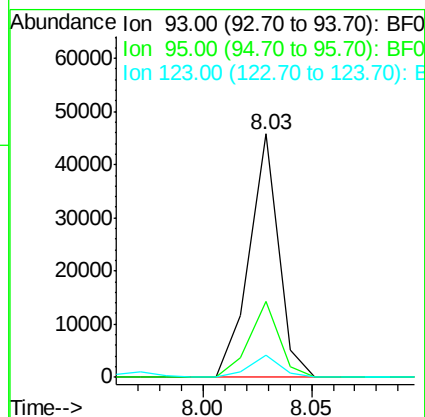
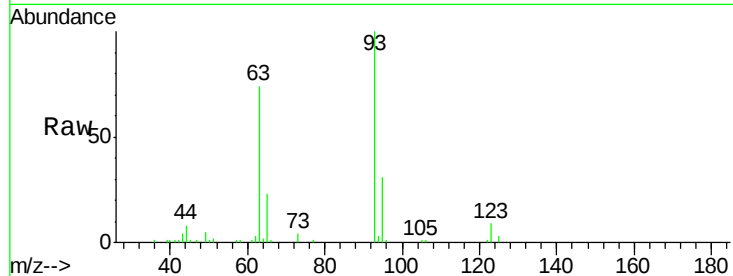




#28
bis(2-Chloroethoxy)methane
Concen: 1.96 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

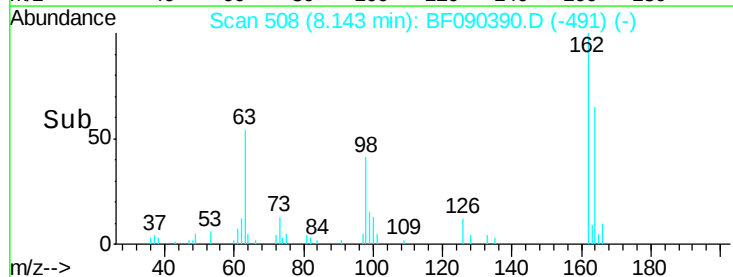
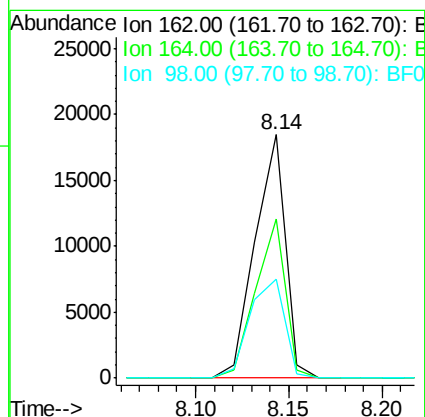
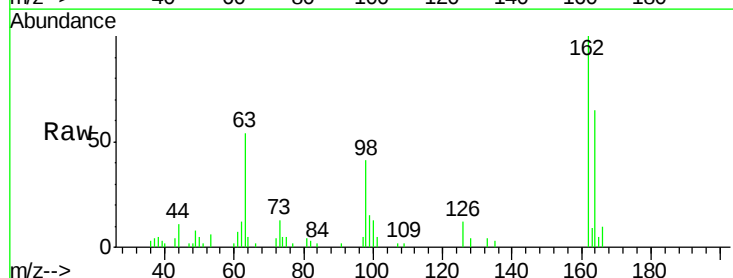
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

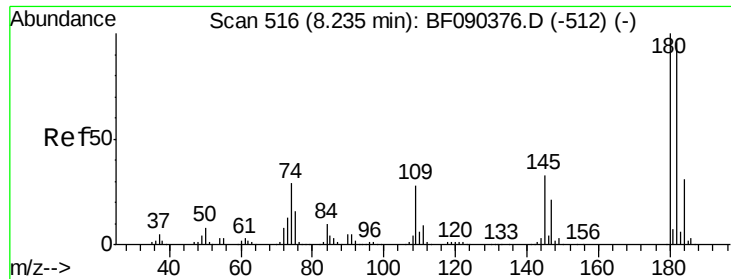
Tgt Ion: 93 Resp: 42815
Ion Ratio Lower Upper
93 100
95 31.4 27.0 40.4
123 9.1 11.1 16.7#



#29
2,4-Dichlorophenol
Concen: 1.65 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 162 Resp: 21108
Ion Ratio Lower Upper
162 100
164 65.4 45.7 85.7
98 40.7 13.3 53.3

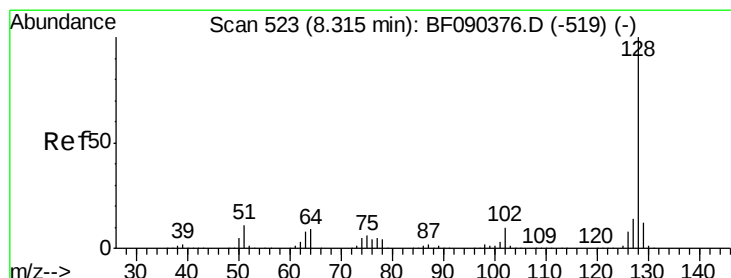
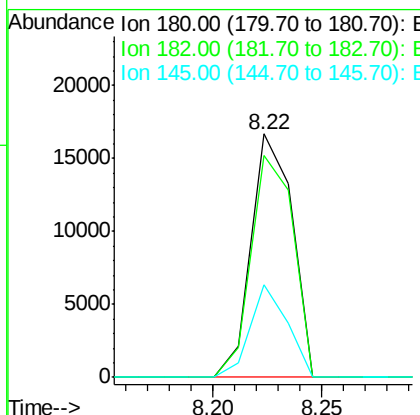
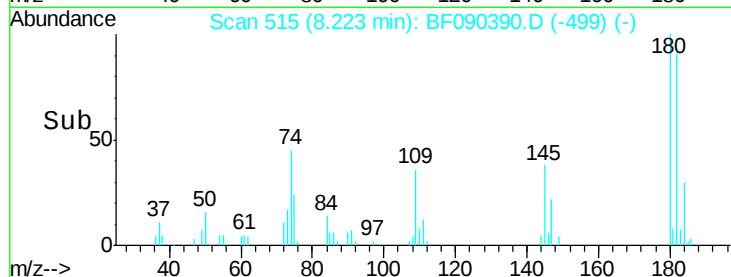
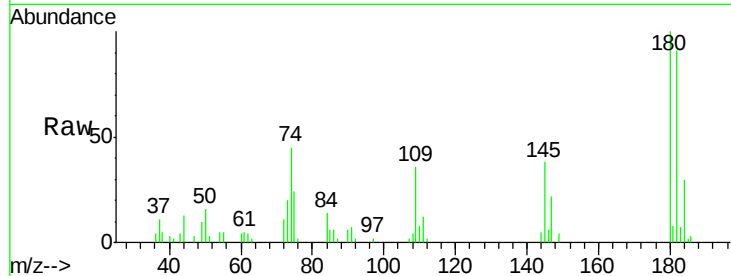




#30
 1,2,4-Trichlorobenzene
 Concen: 1.67 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

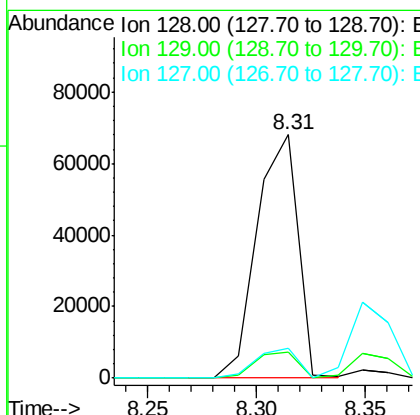
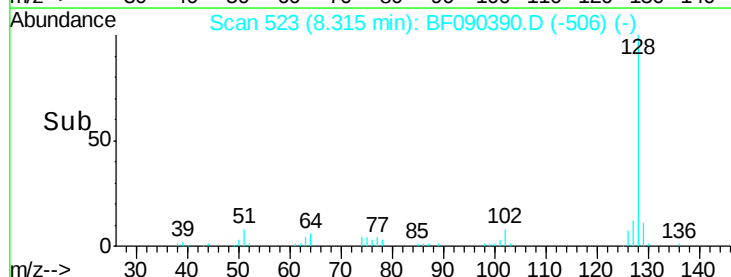
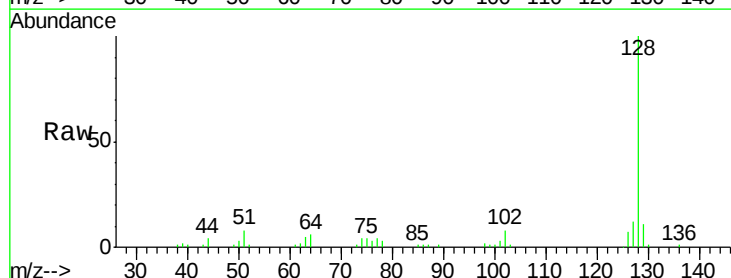
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

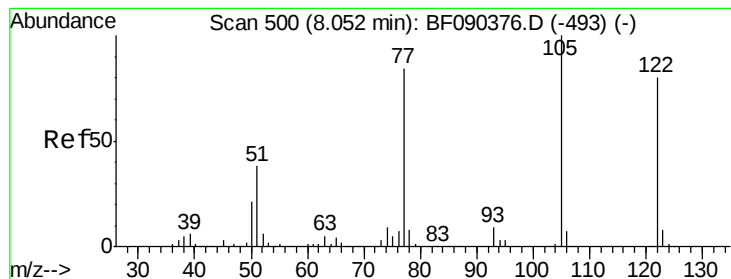
Tgt Ion:180 Resp: 21980
 Ion Ratio Lower Upper
 180 100
 182 90.9 75.3 112.9
 145 37.9 27.7 41.5



#31
 Naphthalene
 Concen: 1.89 ng
 RT: 8.31 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:128 Resp: 89768
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.7 14.5
 127 12.4 11.7 17.5





#32

Benzoic acid

Concen: 2.67 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.13 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

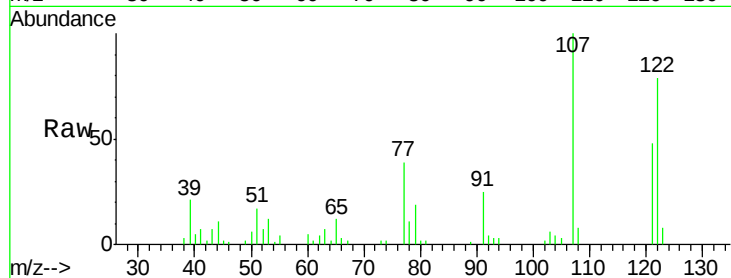
Tgt Ion:122 Resp: 31147

Ion Ratio Lower Upper

122 100

105 3.9 103.9 143.9#

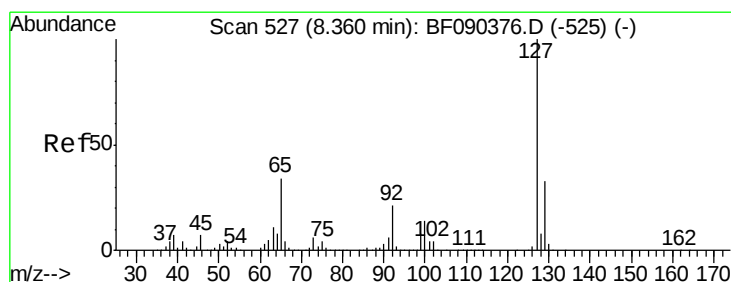
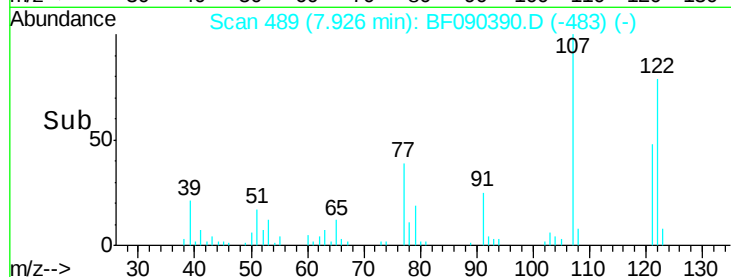
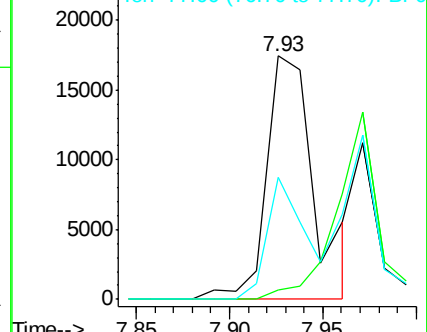
77 50.1 74.6 114.6#



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: 1.48 ng

RT: 8.35 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Tgt Ion:127 Resp: 28967

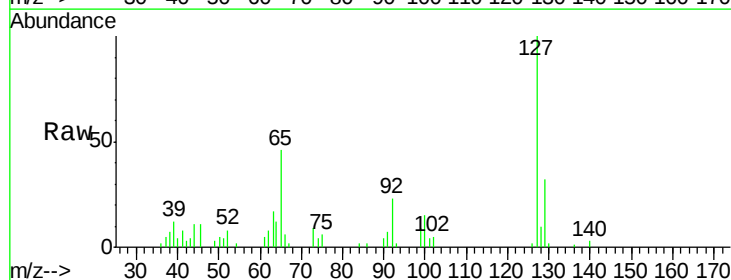
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4

65 45.7 32.5 48.7

92 23.0 17.2 25.8

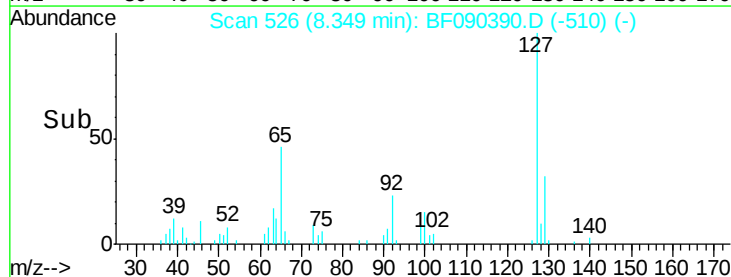
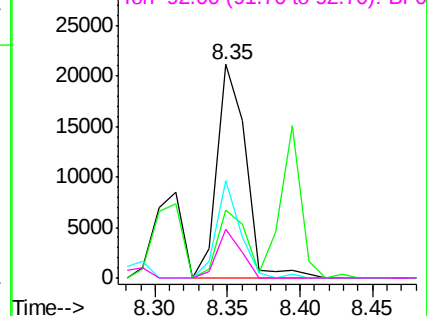


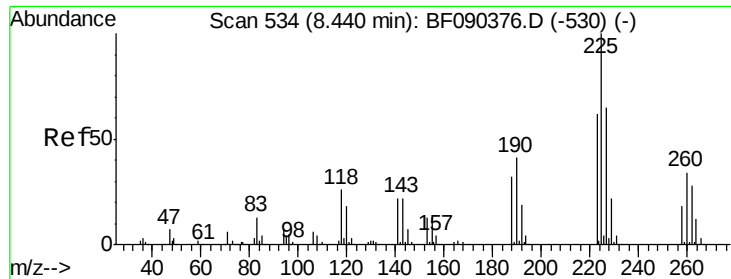
Abundance Ion 127.00 (126.70 to 127.70): E

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

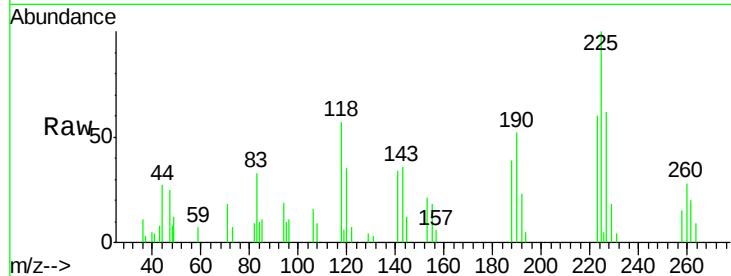




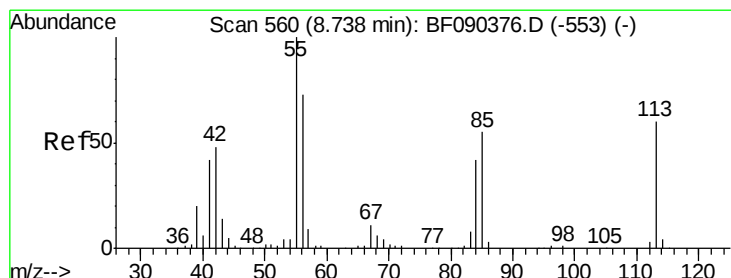
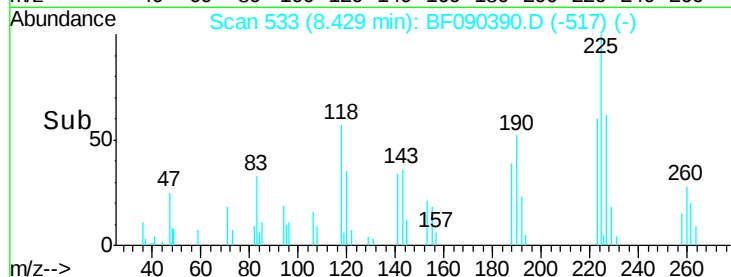
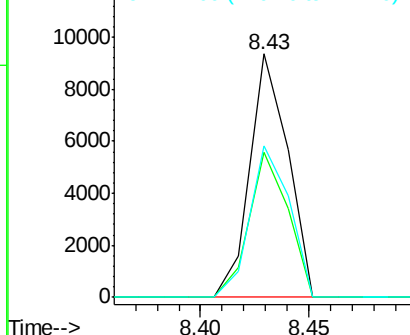
#34
Hexachlorobutadiene
Concen: 1.55 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion: 225 Resp: 11396
Ion Ratio Lower Upper
225 100
223 59.5 51.0 76.4
227 62.4 50.8 76.2

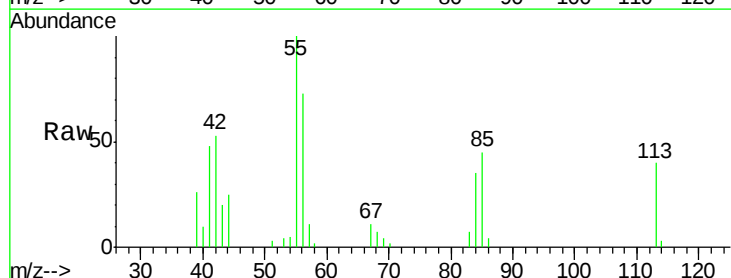


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

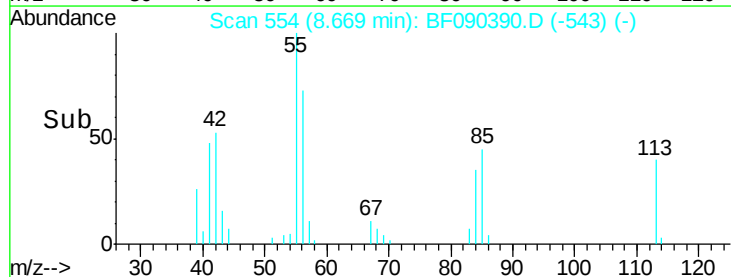
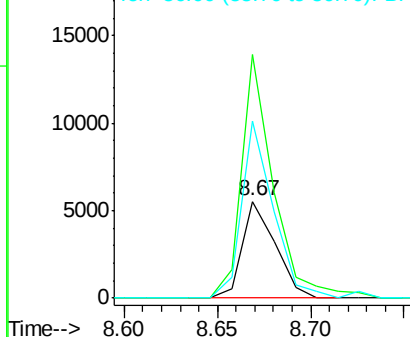


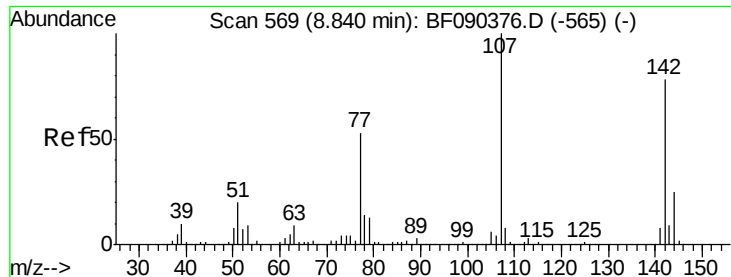
#35
Caprolactam
Concen: 1.58 ng
RT: 8.67 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 113 Resp: 6769
Ion Ratio Lower Upper
113 100
55 250.9 203.3 243.3#
56 182.4 140.5 180.5#



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

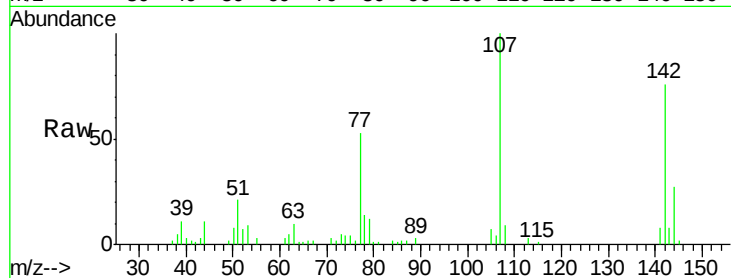




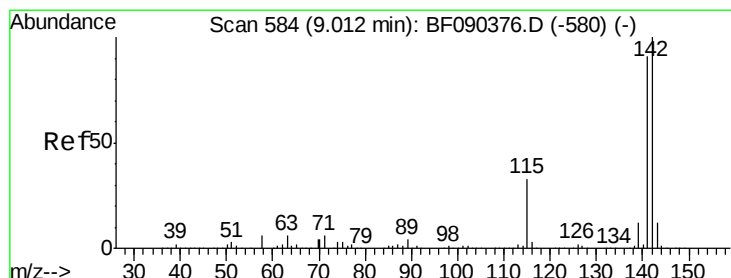
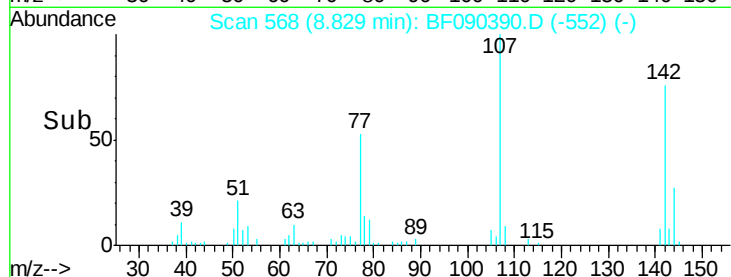
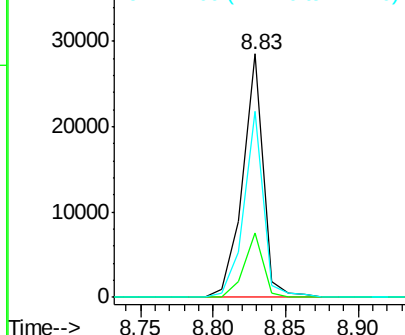
#36
 4-Chloro-3-methylphenol
 Concen: 1.77 ng
 RT: 8.83 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

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

Tgt Ion:107 Resp: 28273
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.8 29.8
 142 76.4 60.7 91.1

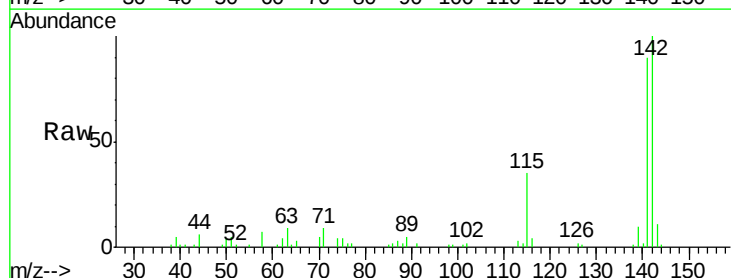


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

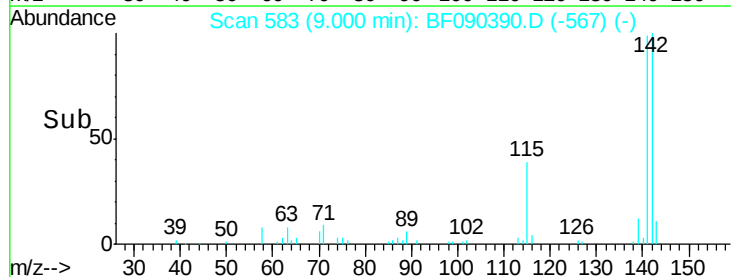
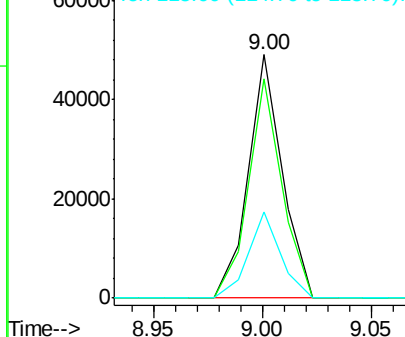


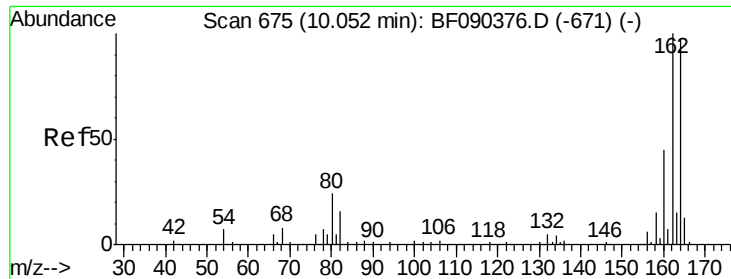
#37
 2-Methylnaphthalene
 Concen: 1.85 ng
 RT: 9.00 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:142 Resp: 53211
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.8 107.8
 115 35.2 28.8 43.2



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

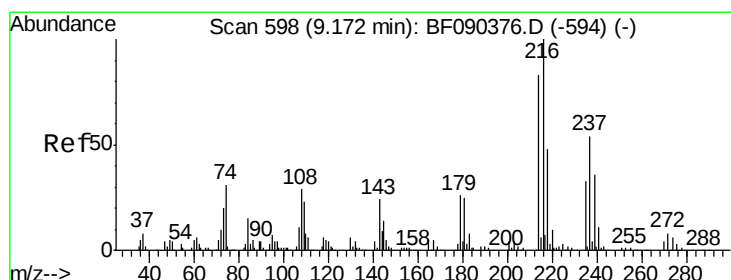
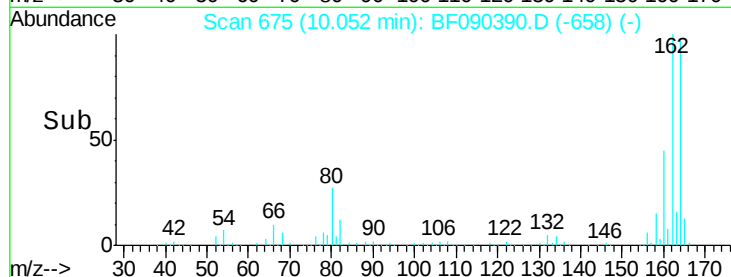
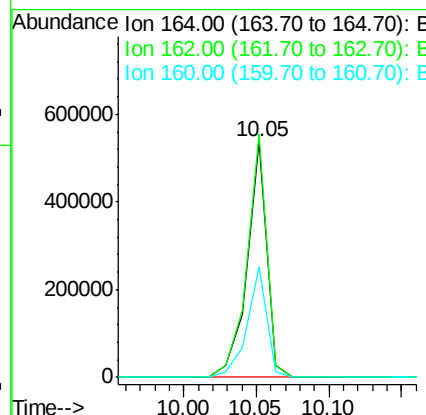
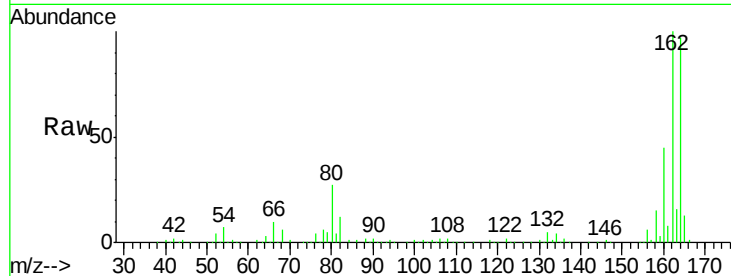




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

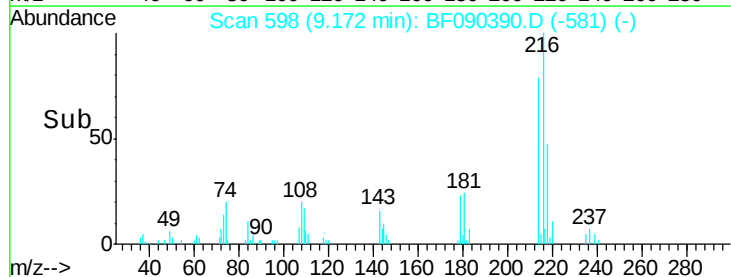
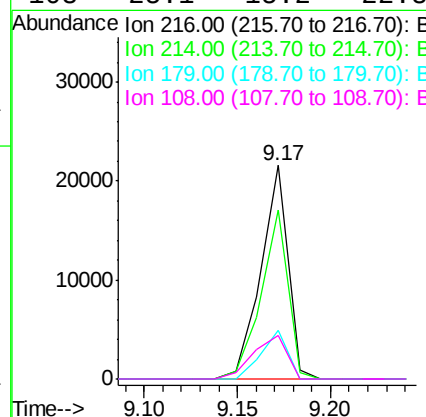
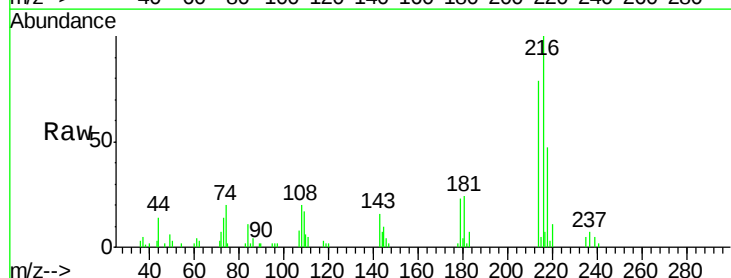
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

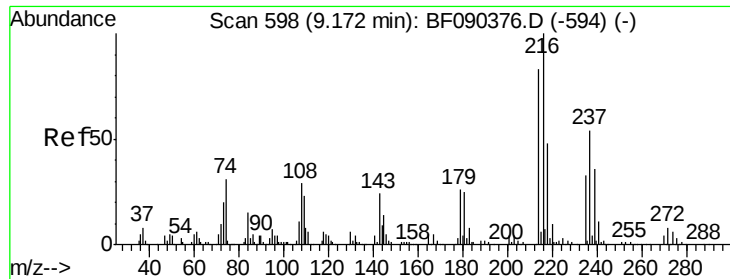
Tgt Ion:164 Resp: 505151
Ion Ratio Lower Upper
164 100
162 103.3 80.1 120.1
160 46.9 36.3 54.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.63 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:216 Resp: 21676
Ion Ratio Lower Upper
216 100
214 78.3 64.2 96.2
179 22.0 18.0 27.0
108 25.1 15.2 22.8#

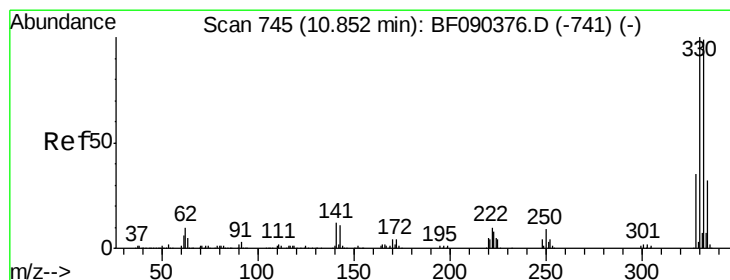
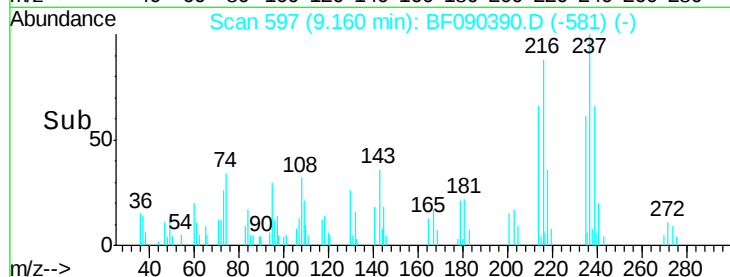
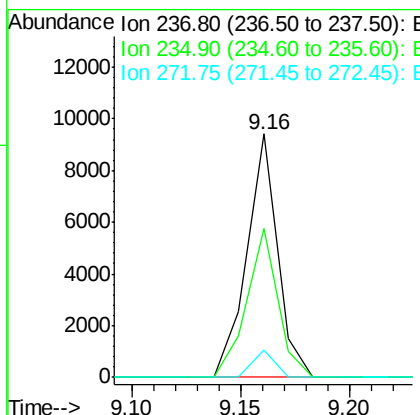
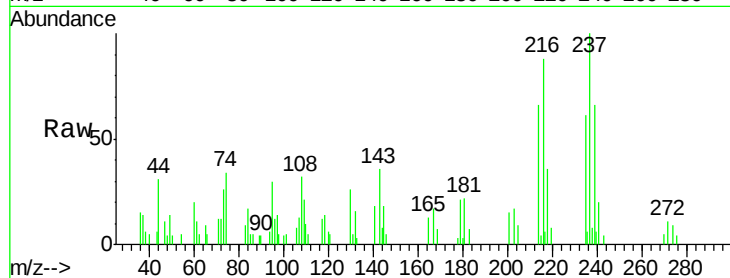




#40
Hexachlorocyclopentadiene
Concen: 1.26 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

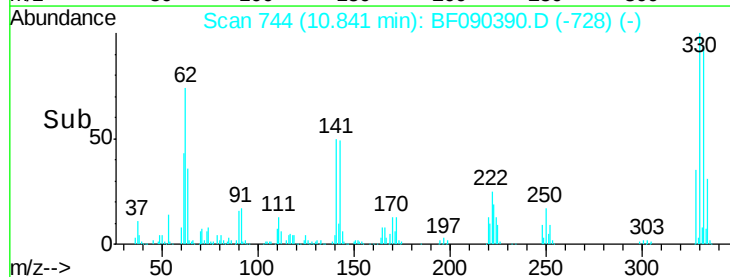
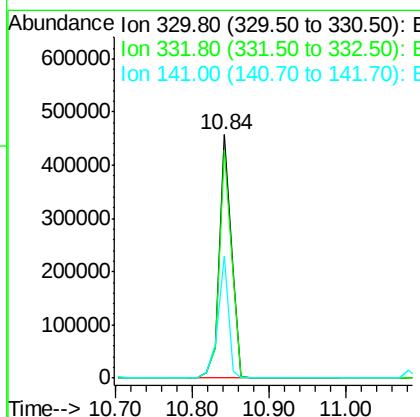
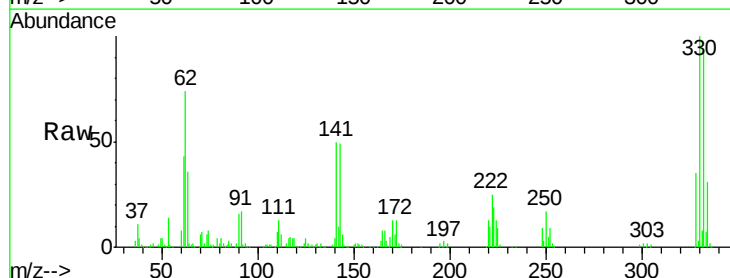
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

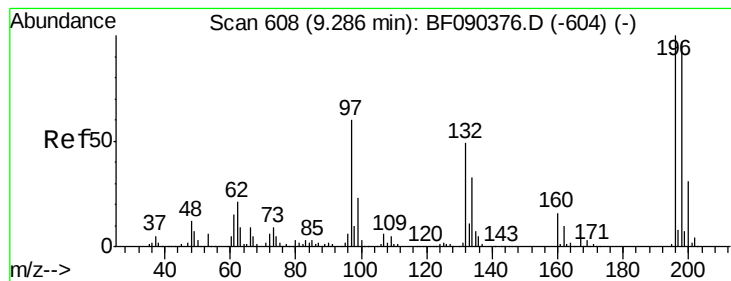
Tgt Ion: 237 Resp: 9225
Ion Ratio Lower Upper
237 100
235 61.1 43.6 83.6
272 11.2 0.0 32.7



#41
2,4,6-Tribromophenol
Concen: 122.65 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 330 Resp: 503787
Ion Ratio Lower Upper
330 100
332 95.0 75.4 113.0
141 43.6 26.9 40.3#

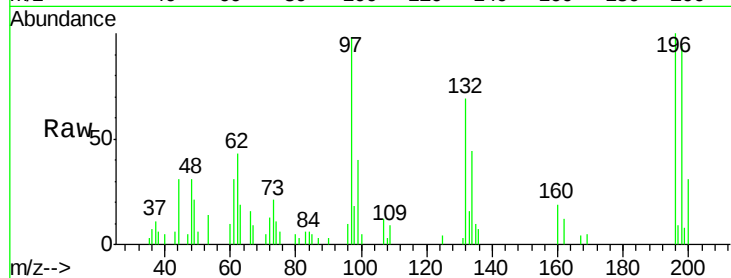




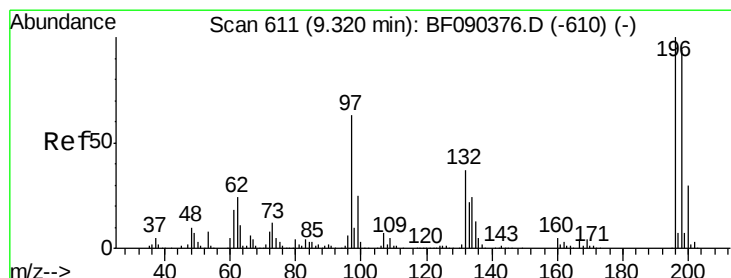
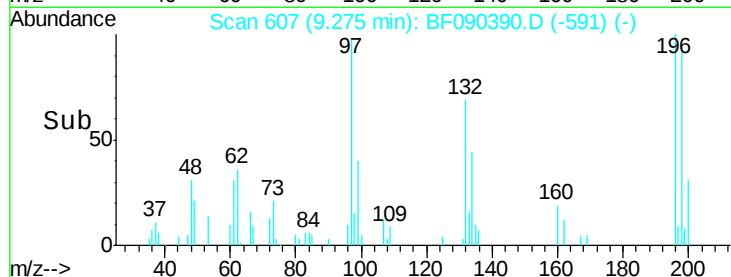
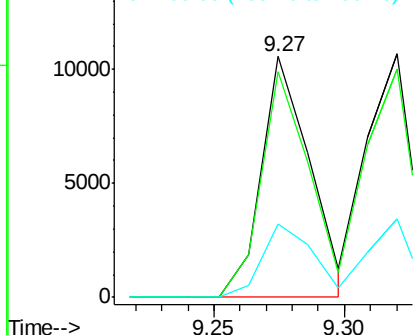
#42
 2,4,6-Trichlorophenol
 Concen: 1.49 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

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

Tgt Ion:196 Resp: 13737
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.9 118.3
 200 30.7 25.4 38.2

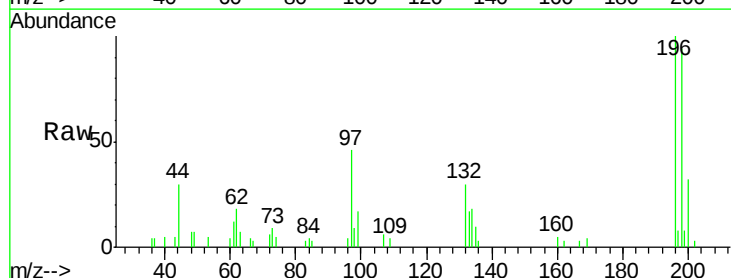


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

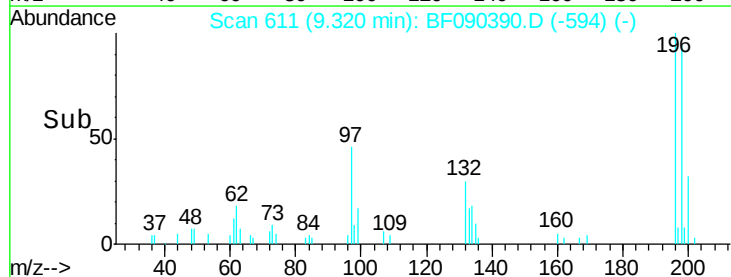
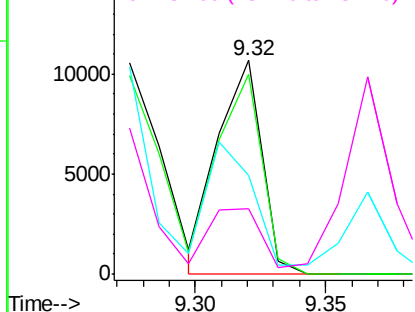


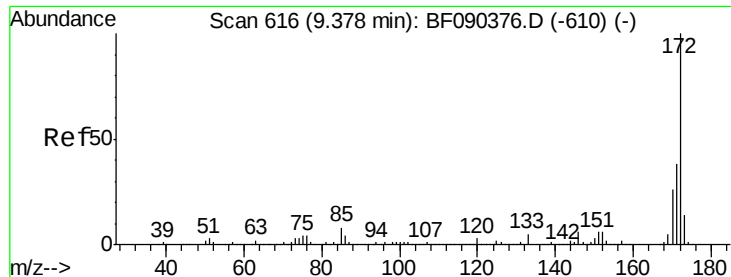
#43
 2,4,5-Trichlorophenol
 Concen: 1.45 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:196 Resp: 12558
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.1 117.1
 97 46.1 48.1 72.1#
 132 30.5 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: 79.60 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

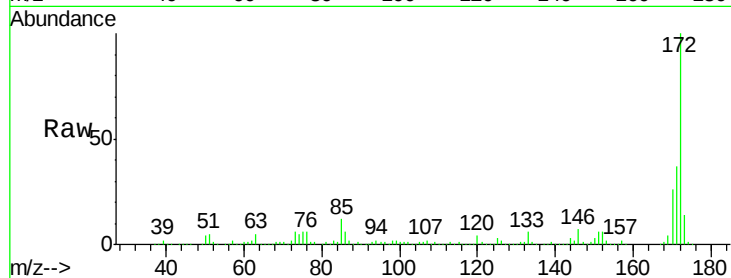
BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:172 Resp: 2413332

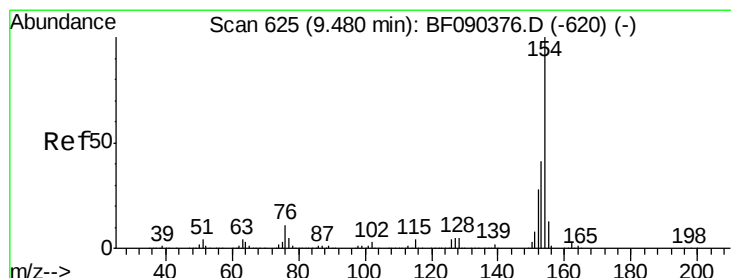
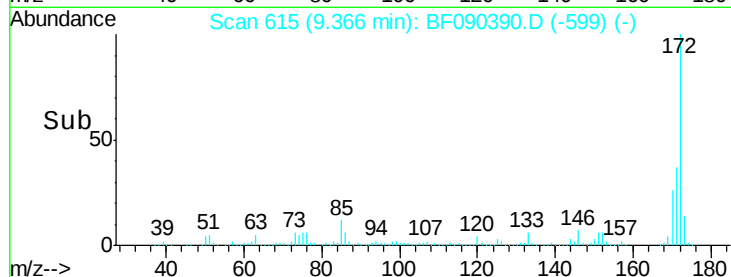
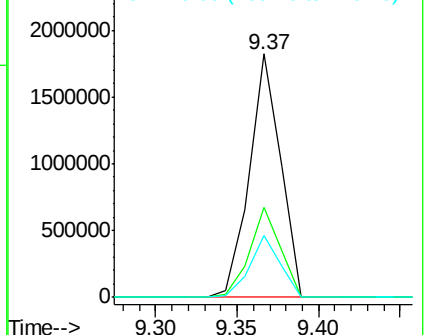
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.8
170	25.5	21.7	32.5



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: 1.97 ng

RT: 9.47 min Scan# 624

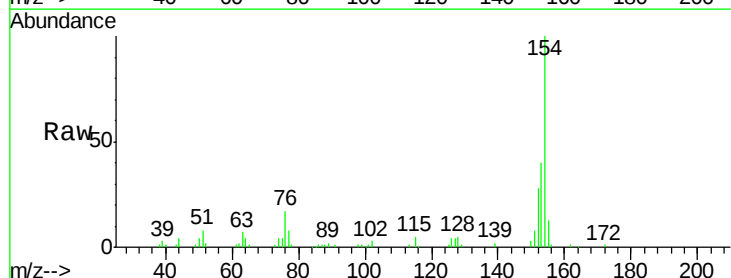
Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Tgt Ion:154 Resp: 73780

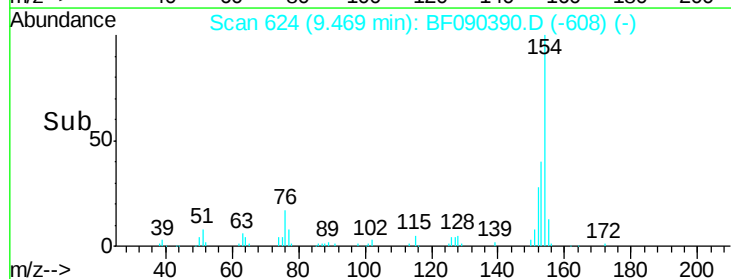
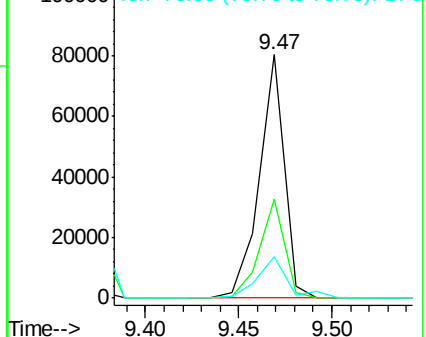
Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.8	63.8
76	16.7	0.0	35.8

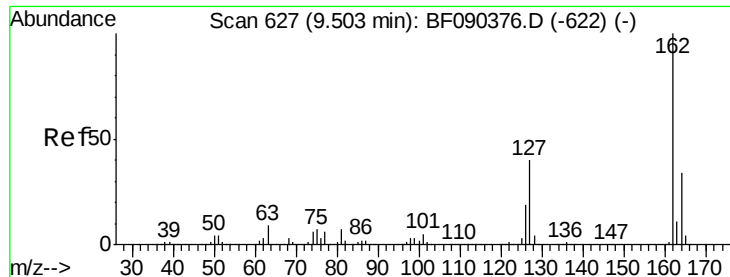


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

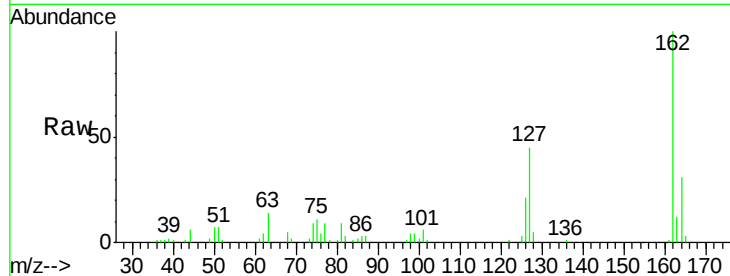




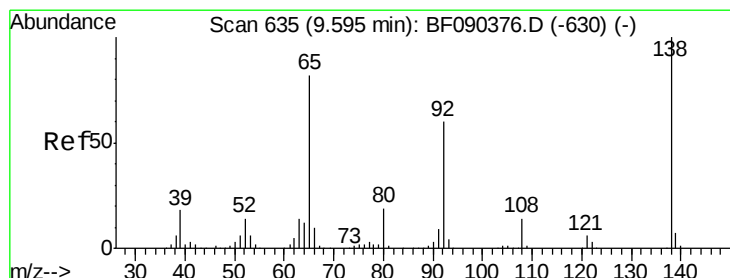
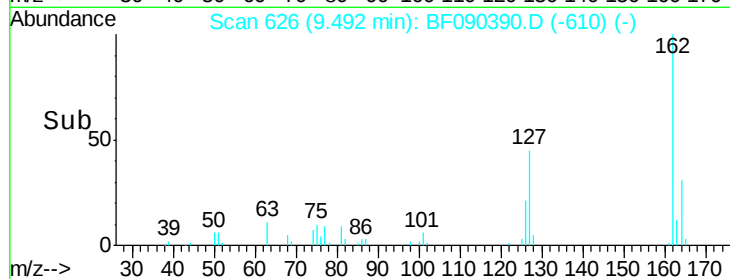
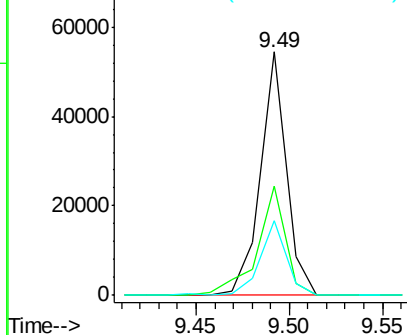
#46
 2-Chloronaphthalene
 Concen: 1.88 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

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

Tgt Ion: 162 Resp: 51881
 Ion Ratio Lower Upper
 162 100
 127 44.9 35.6 53.4
 164 30.6 27.5 41.3

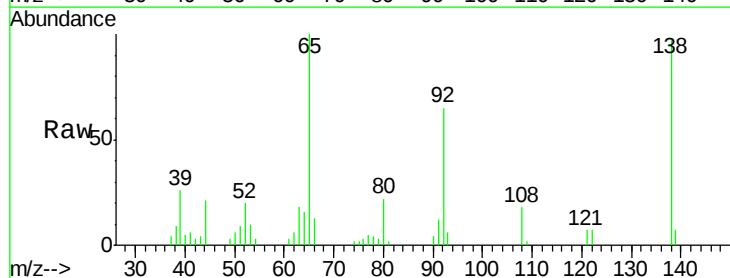


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

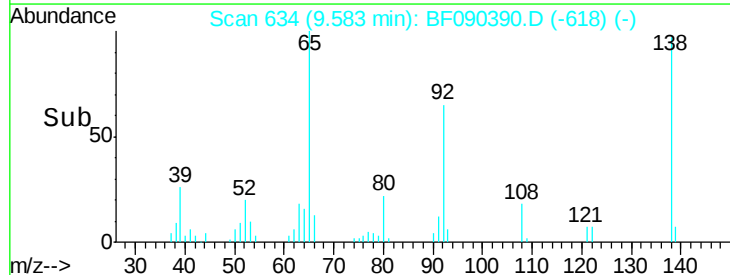
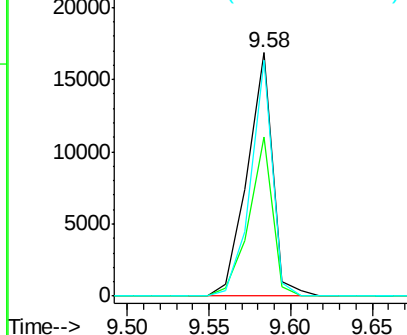


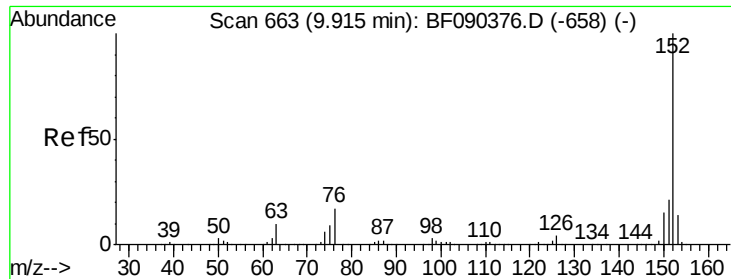
#47
 2-Nitroaniline
 Concen: 1.66 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion: 65 Resp: 18118
 Ion Ratio Lower Upper
 65 100
 92 65.3 51.7 77.5
 138 96.9 79.0 118.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 1.74 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

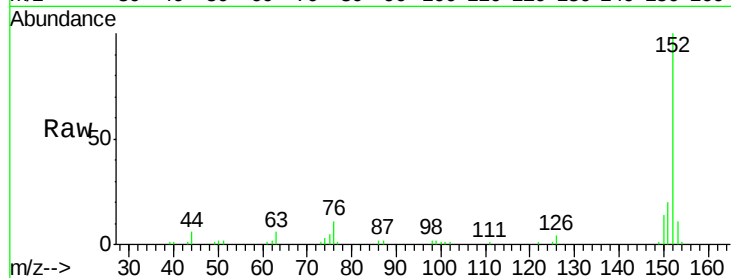
Tgt Ion:152 Resp: 79449

Ion Ratio Lower Upper

152 100

151 20.4 17.4 26.0

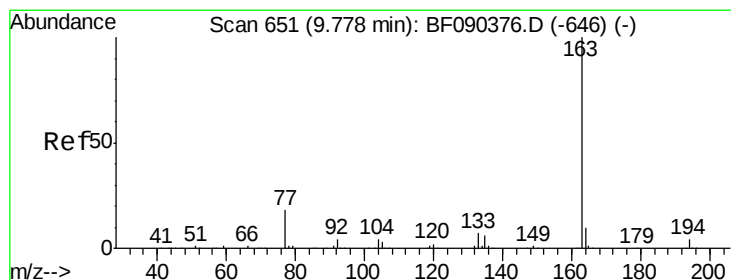
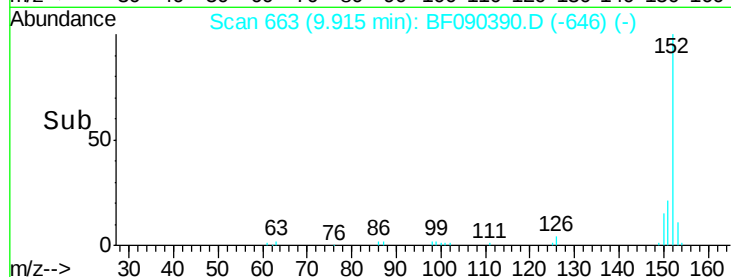
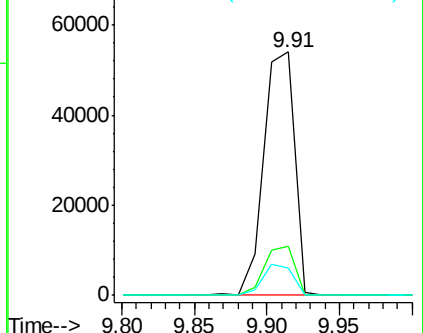
153 11.4 11.6 17.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.69 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

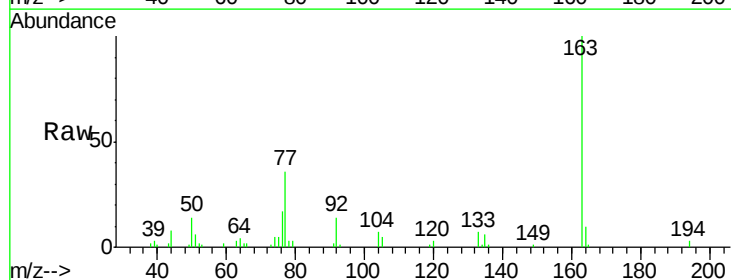
Tgt Ion:163 Resp: 54835

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

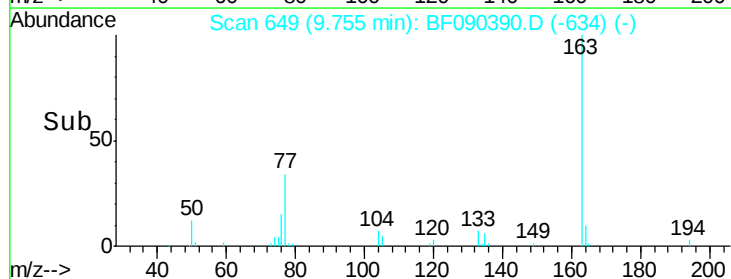
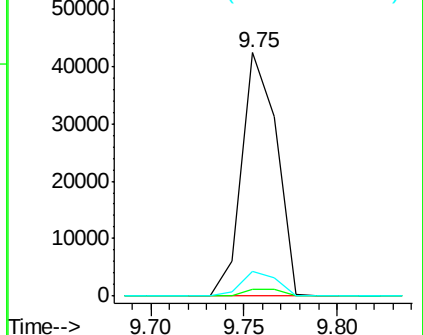
164 10.2 9.0 13.4

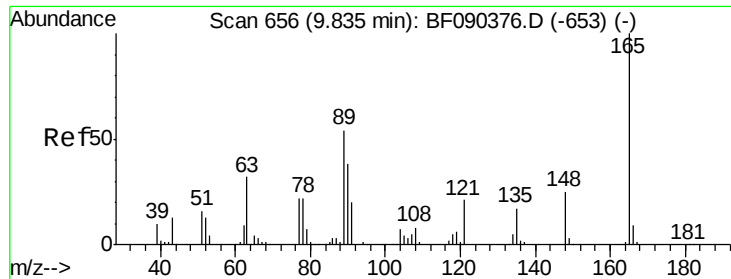


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

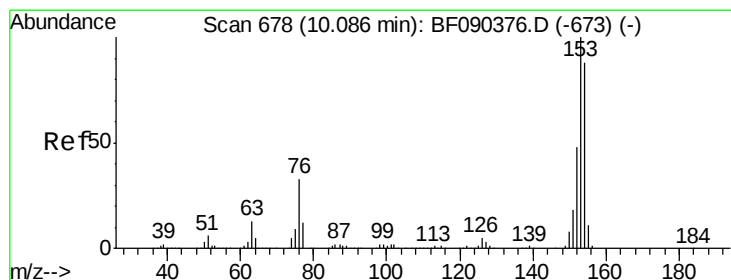
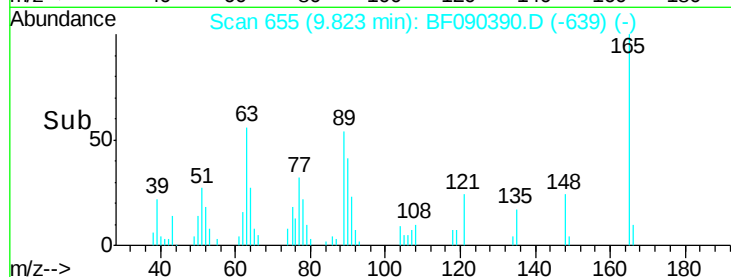
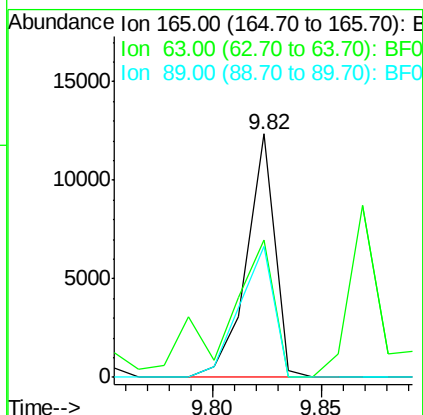
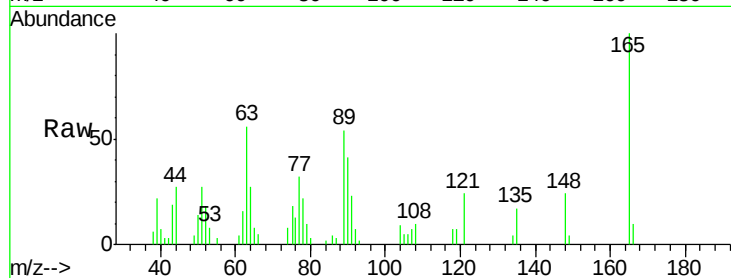




#50
2,6-Dinitrotoluene
Concen: 1.56 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

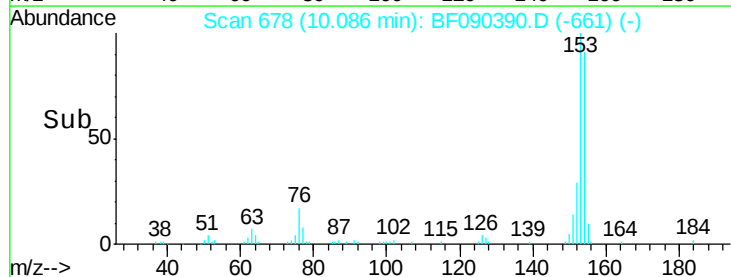
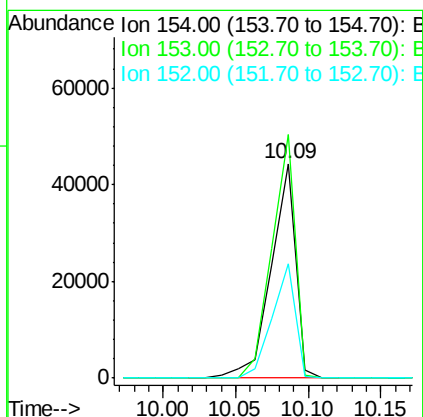
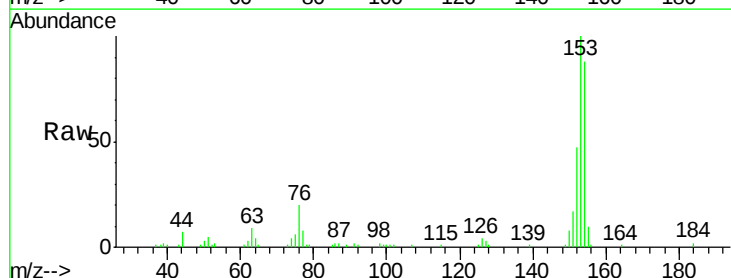
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

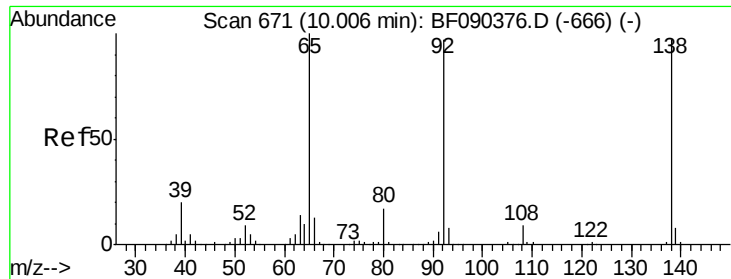
Tgt Ion:165 Resp: 11197
Ion Ratio Lower Upper
165 100
63 56.3 58.0 87.0#
89 53.7 51.2 76.8



#51
Acenaphthene
Concen: 1.83 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:154 Resp: 51941
Ion Ratio Lower Upper
154 100
153 113.4 88.6 133.0
152 53.0 42.6 64.0

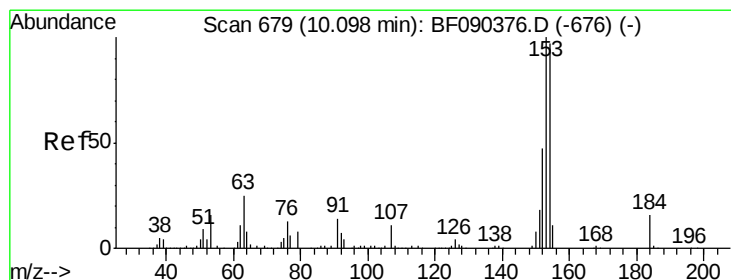
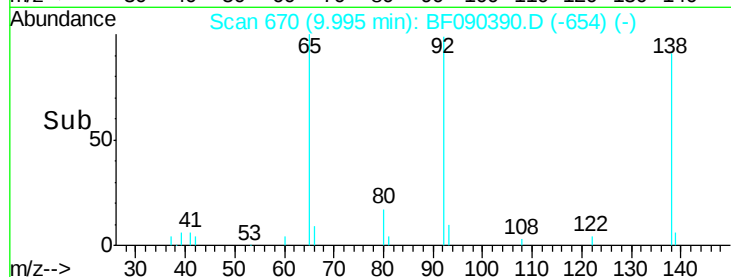
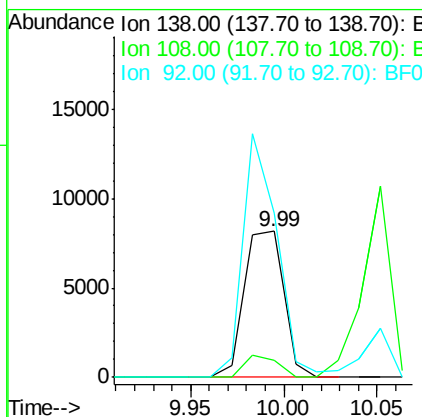
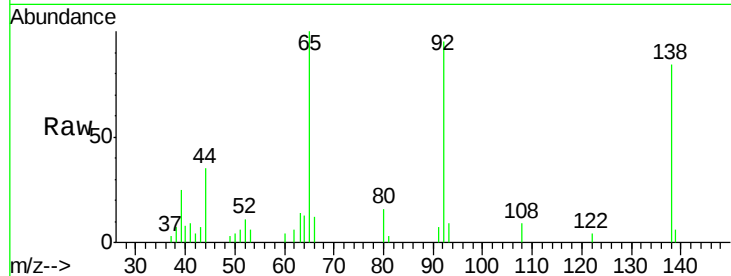




#52
 3-Nitroaniline
 Concen: 1.43 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

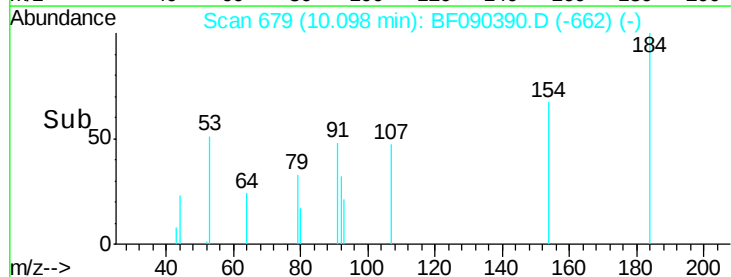
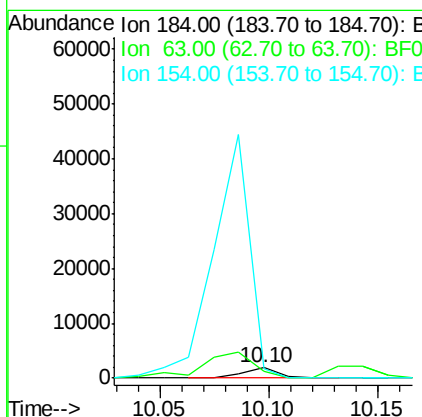
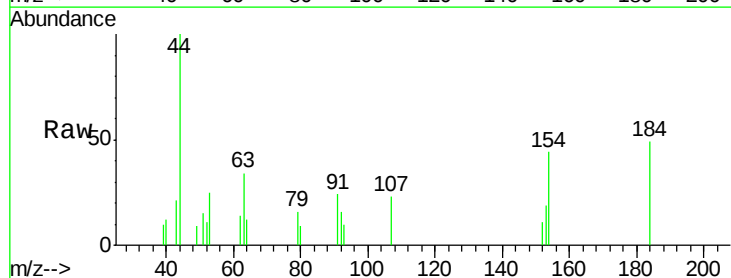
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

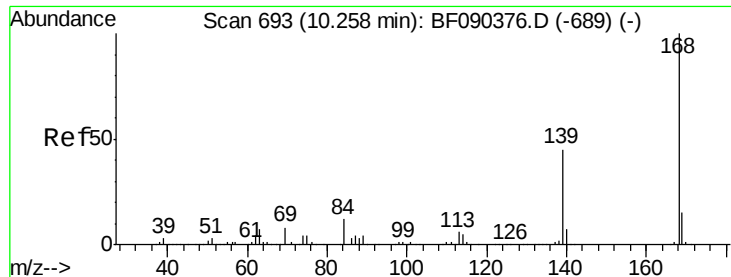
Tgt Ion:138 Resp: 12022
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.7 14.5
 92 112.6 97.1 145.7



#53
 2,4-Dinitrophenol
 Concen: 0.63 ng
 RT: 10.10 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:184 Resp: 2014
 Ion Ratio Lower Upper
 184 100
 63 69.6 41.9 62.9#
 154 88.7 48.9 73.3#

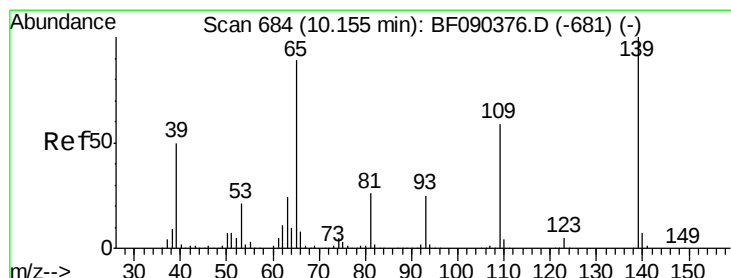
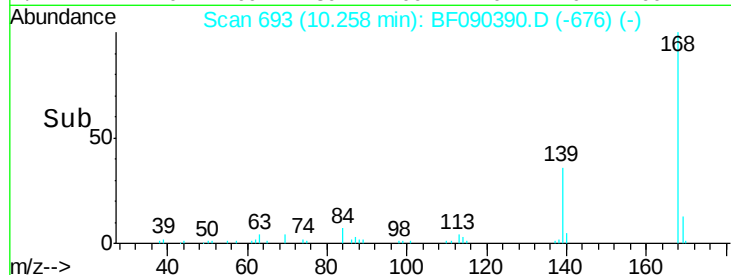
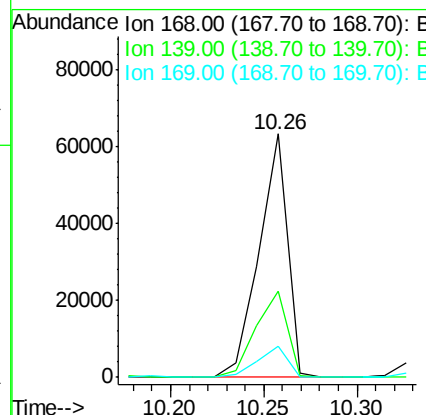
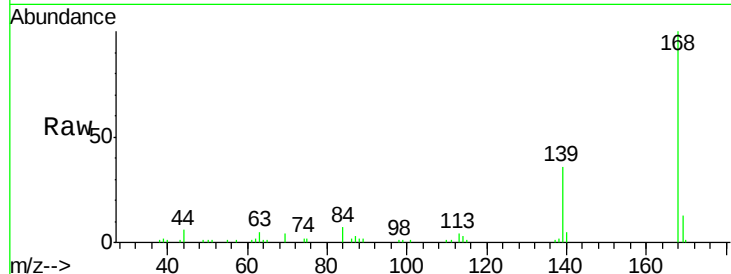




#54
Dibenzenofuran
Concen: 1.81 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

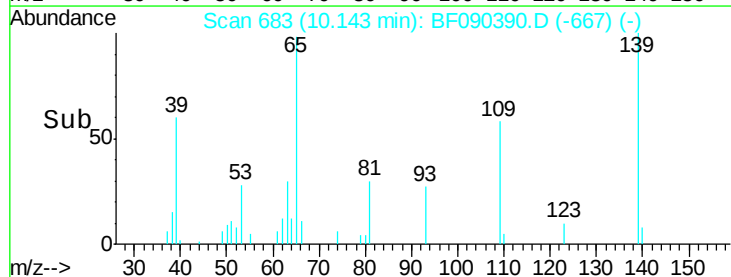
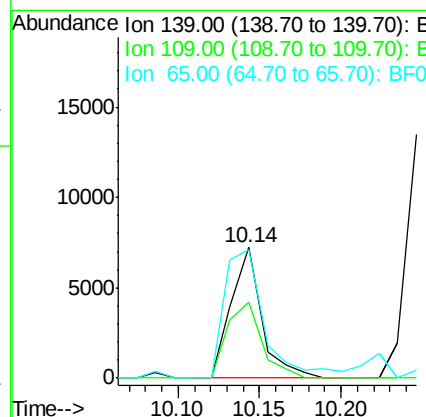
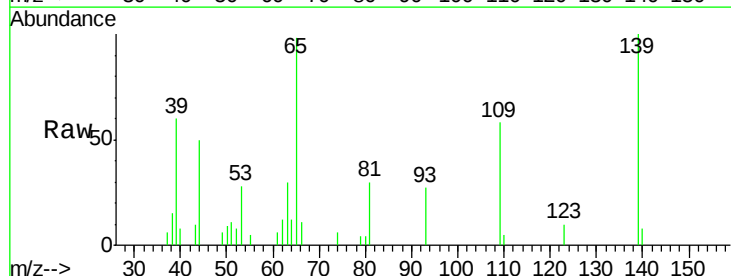
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

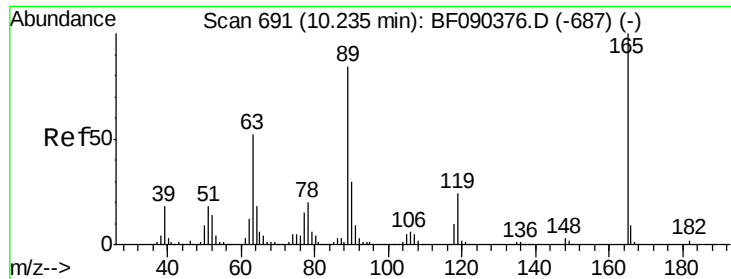
Tgt Ion:168 Resp: 66548
Ion Ratio Lower Upper
168 100
139 35.6 29.6 44.4
169 12.7 11.3 16.9



#55
4-Nitrophenol
Concen: 1.27 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:139 Resp: 9317
Ion Ratio Lower Upper
139 100
109 58.4 43.6 83.6
65 98.0 87.5 127.5

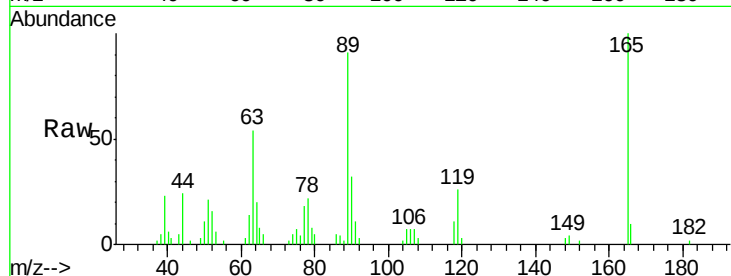




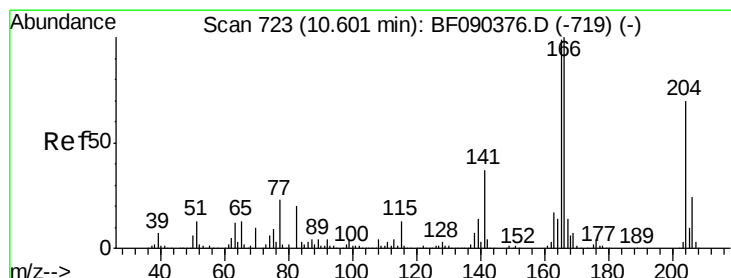
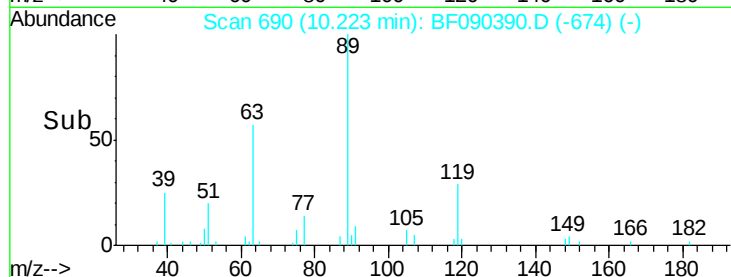
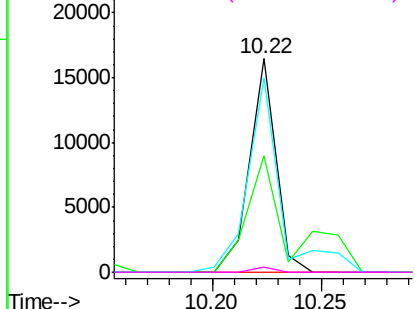
#56
2,4-Dinitrotoluene
Concen: 1.45 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion:	165	Resp:	13856
Ion	Ratio	Lower	Upper
165	100		
63	54.4	17.8	26.6#
89	91.0	33.2	49.8#
182	2.1	2.1	3.1

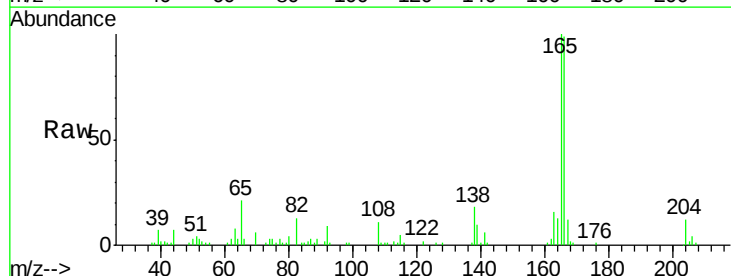


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

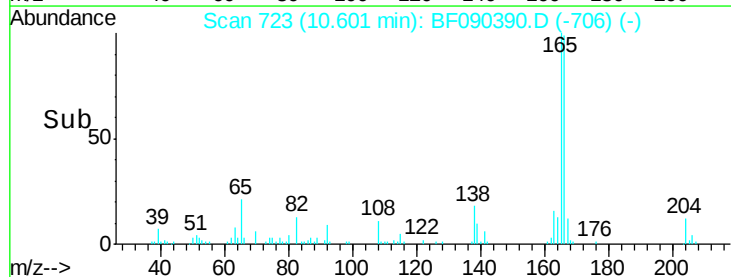
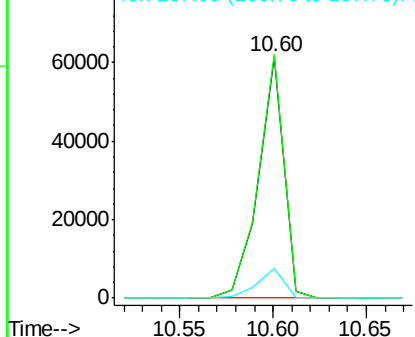


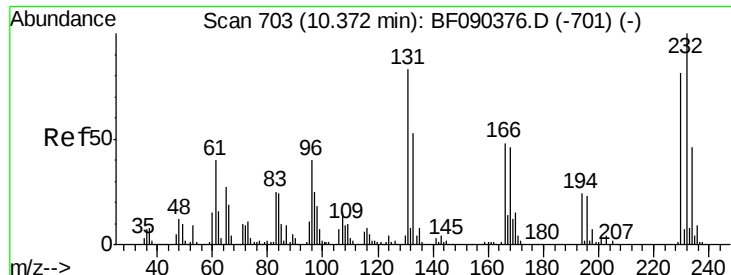
#57
Fluorene
Concen: 1.87 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:	166	Resp:	58015
Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.2	118.8
167	12.6	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

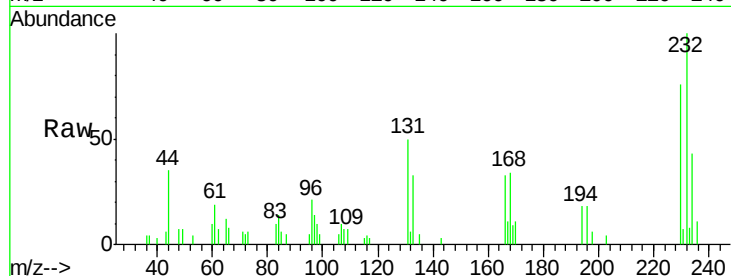




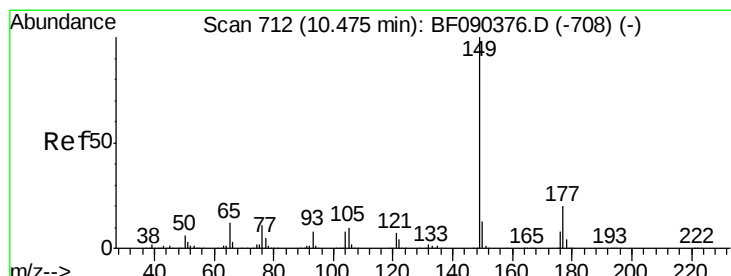
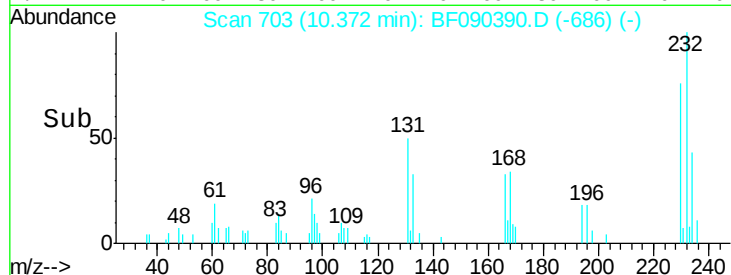
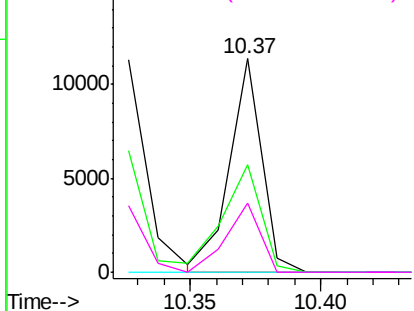
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.52 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

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

Tgt Ion: 232 Resp: 9849
 Ion Ratio Lower Upper
 232 100
 131 59.7 34.5 51.7#
 130 0.0 1.6 2.4#
 166 34.3 23.8 35.8

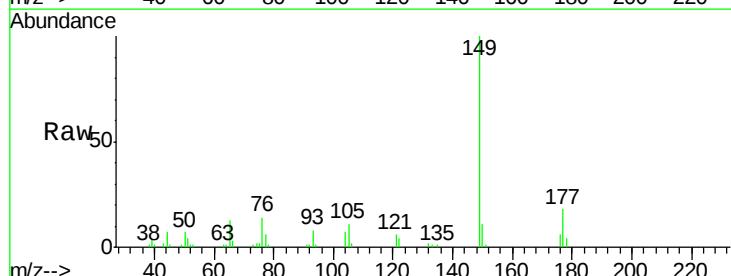


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

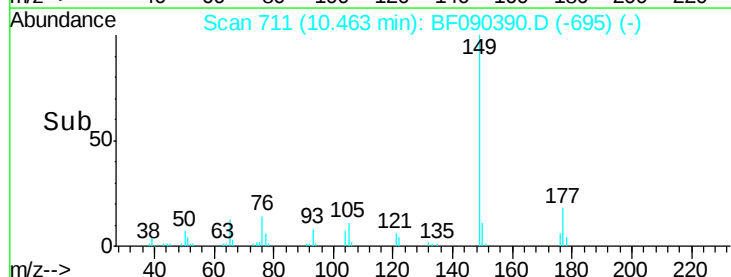
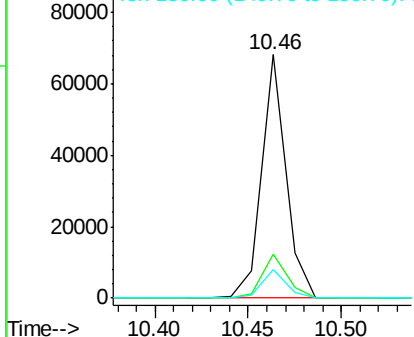


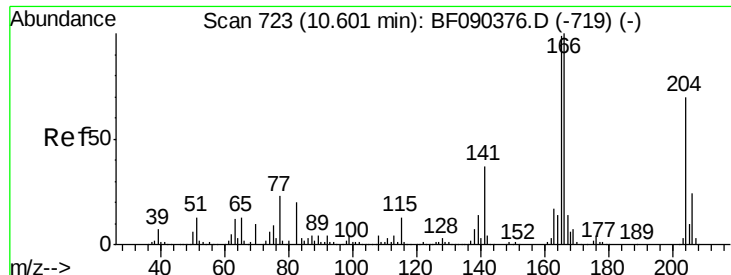
#59
 Diethylphthalate
 Concen: 1.83 ng
 RT: 10.46 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion: 149 Resp: 61319
 Ion Ratio Lower Upper
 149 100
 177 18.3 21.1 31.7#
 150 11.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

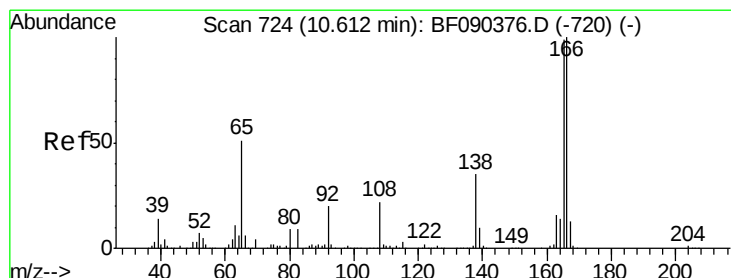
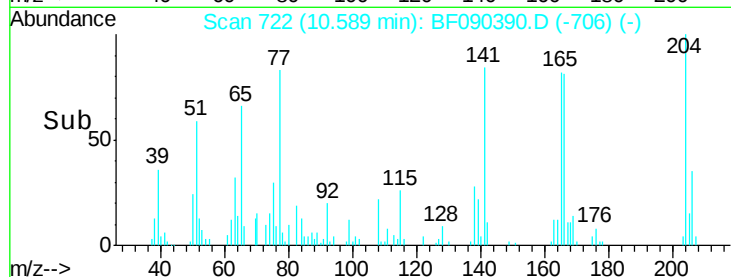
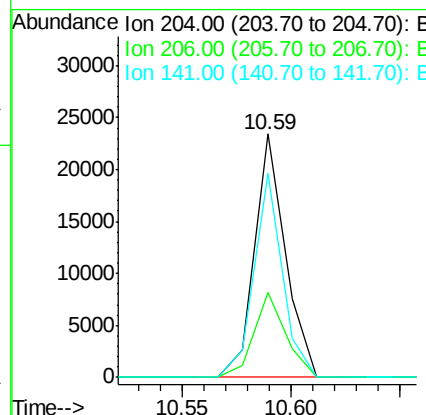
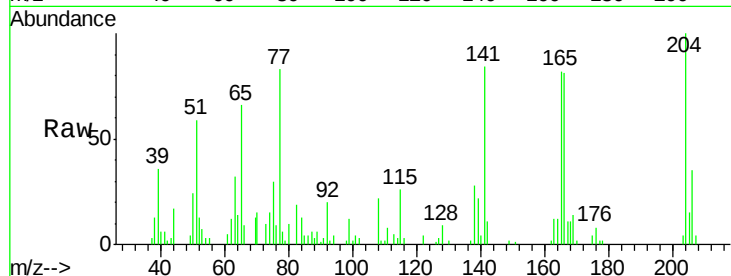




#60
 4-Chlorophenyl-phenylether
 Concen: 1.64 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

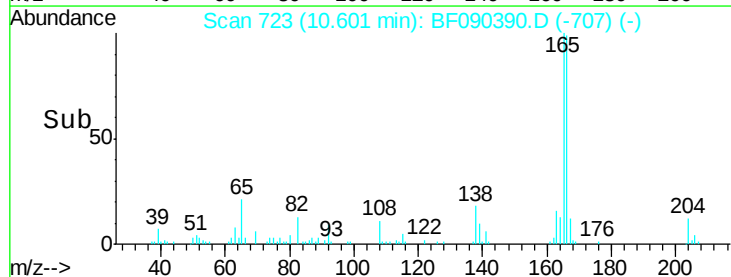
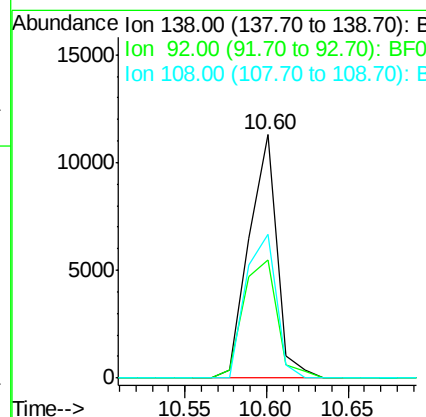
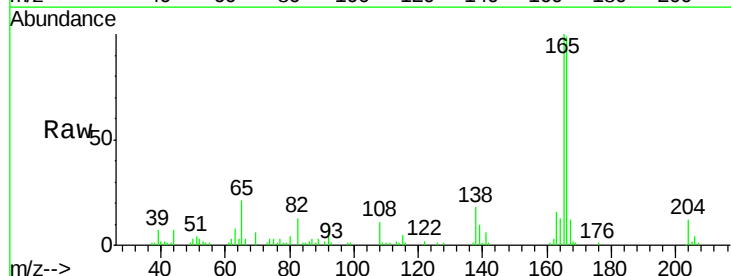
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

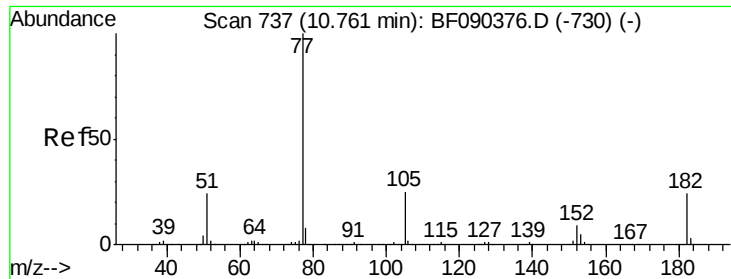
Tgt Ion: 204 Resp: 23073
 Ion Ratio Lower Upper
 204 100
 206 34.8 26.7 40.1
 141 83.6 51.7 77.5#



#61
 4-Nitroaniline
 Concen: 1.59 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion: 138 Resp: 13417
 Ion Ratio Lower Upper
 138 100
 92 48.8 33.2 73.2
 108 59.2 48.5 88.5





#62

Azobenzene

Concen: 1.84 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion: 77 Resp: 71015

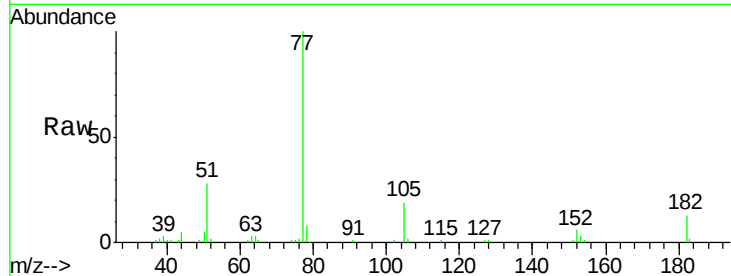
Ion Ratio Lower Upper

77 100

182 12.9 3.2 43.2

105 18.8 2.9 42.9

51 28.3 14.2 54.2

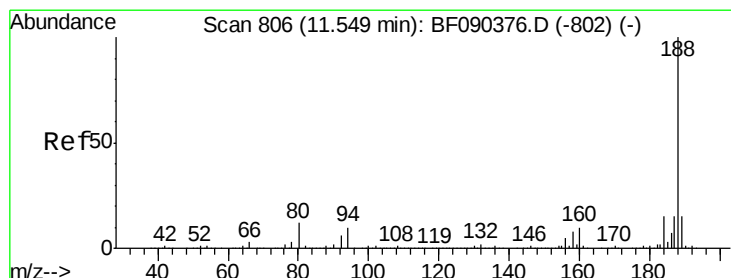
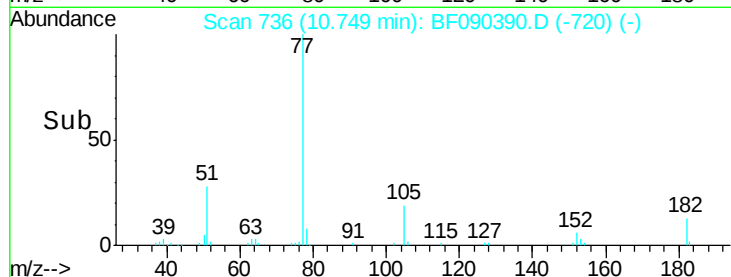
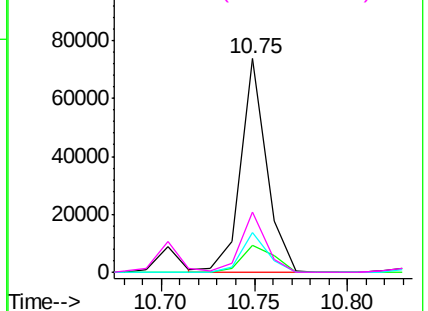


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF090390.D

Acq: 5 Oct 2016 20:07

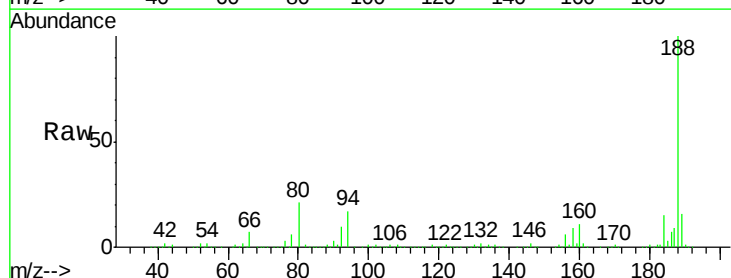
Tgt Ion: 188 Resp: 763877

Ion Ratio Lower Upper

188 100

94 17.3 8.2 12.2#

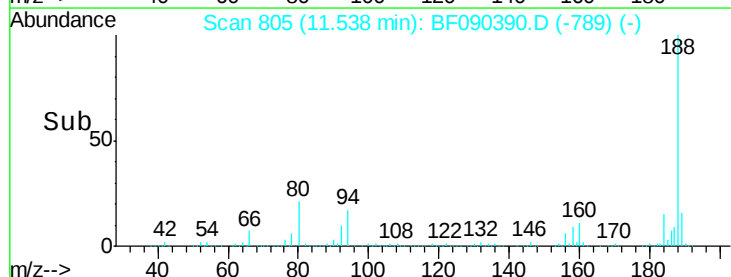
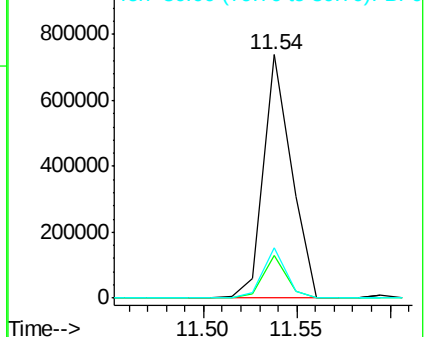
80 20.6 8.8 13.2#

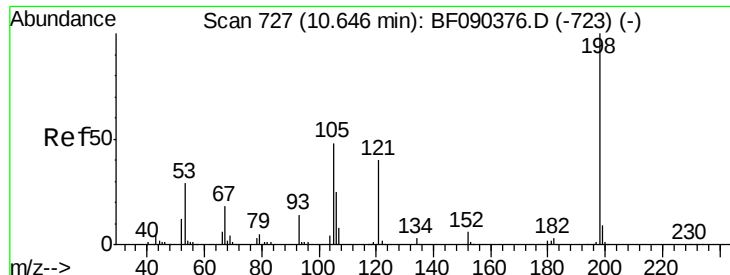


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

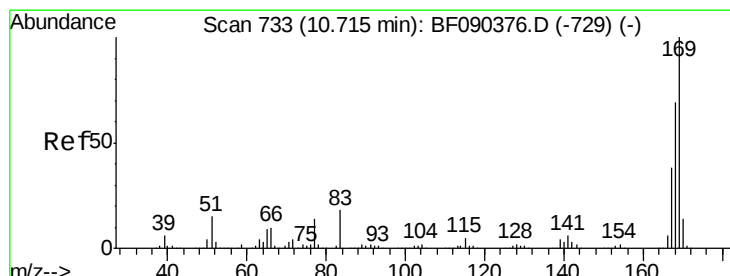
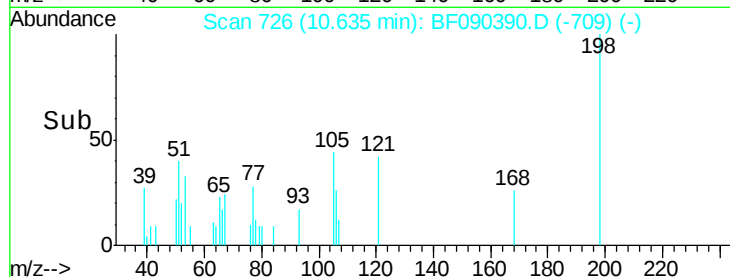
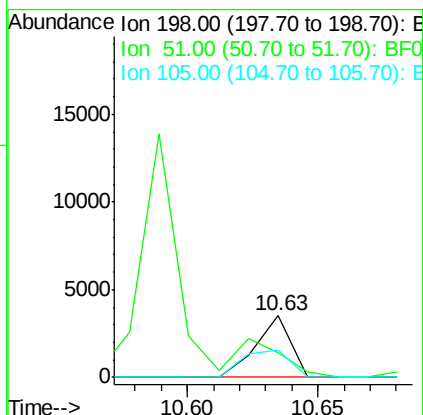
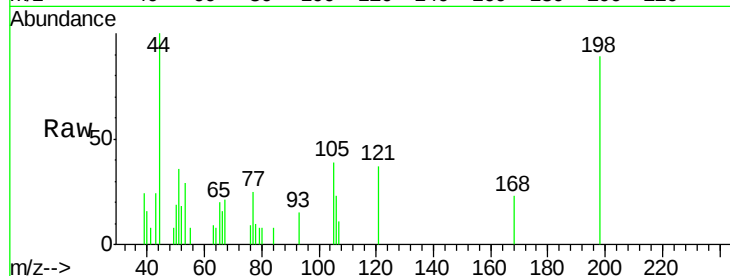




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.00 ng
 RT: 10.63 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

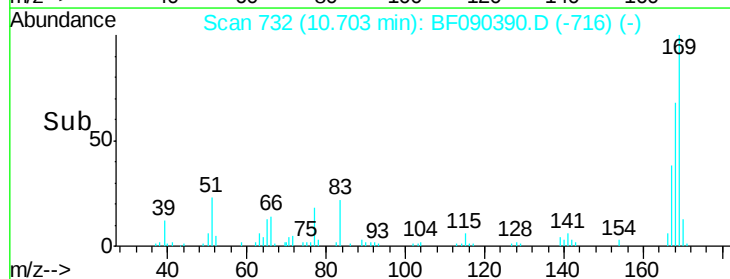
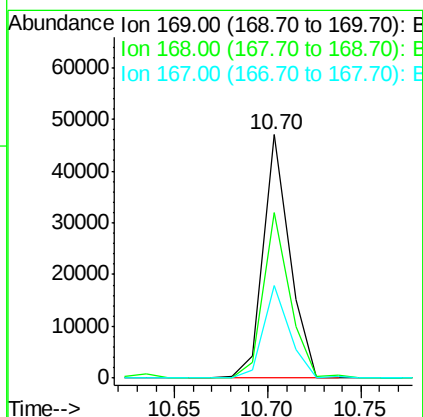
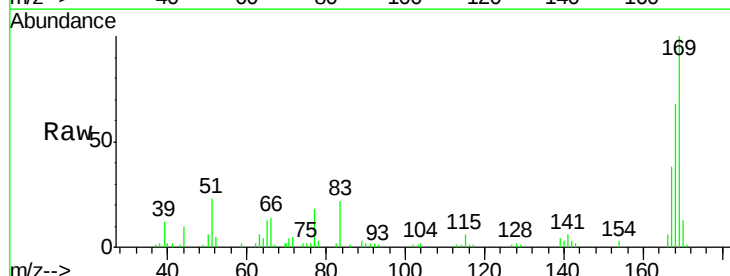
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

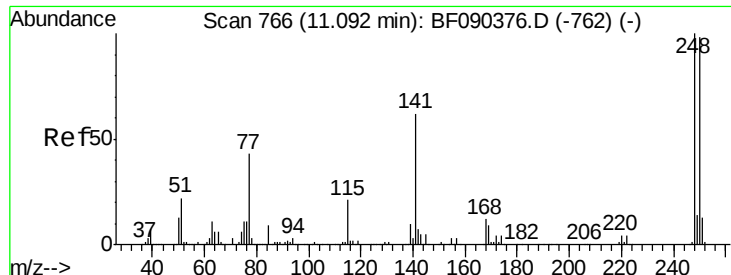
Tgt Ion:198 Resp: 3268
 Ion Ratio Lower Upper
 198 100
 51 40.1 67.3 107.3#
 105 44.3 42.6 82.6



#65
 n-Nitrosodiphenylamine
 Concen: 1.79 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:169 Resp: 45850
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.8 80.6
 167 38.0 29.8 44.8

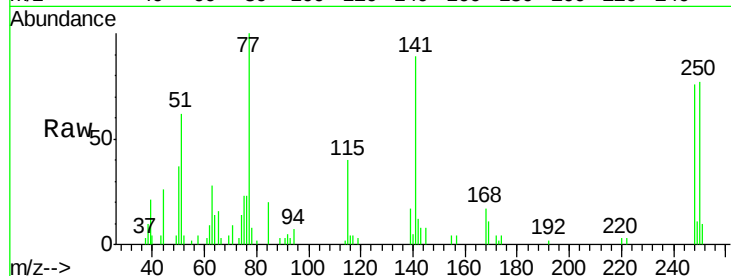




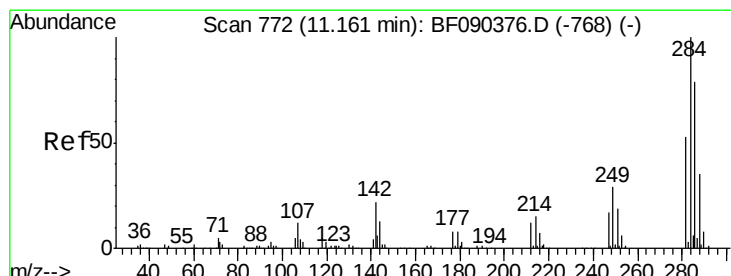
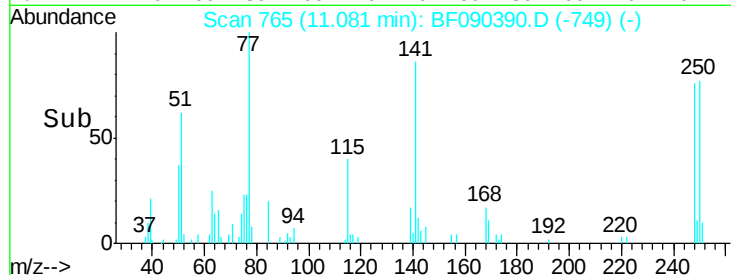
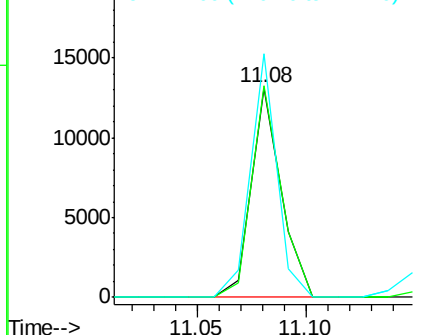
#66
 4-Bromophenyl-phenylether
 Concen: 1.68 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

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

Tgt Ion:248 Resp: 12571
 Ion Ratio Lower Upper
 248 100
 250 100.8 76.5 114.7
 141 116.3 59.8 89.6#

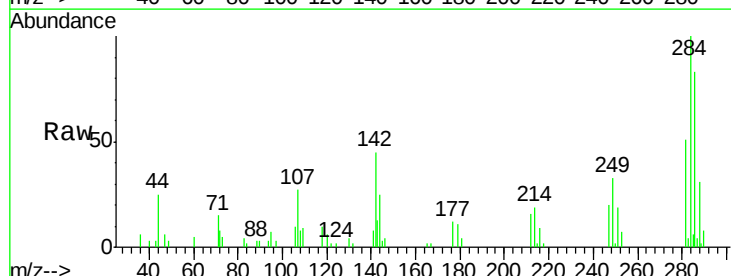


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

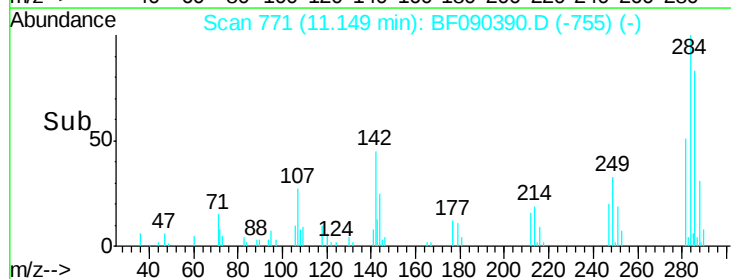
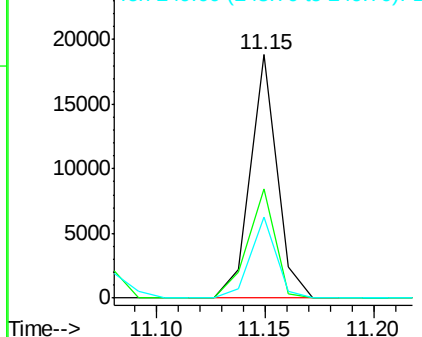


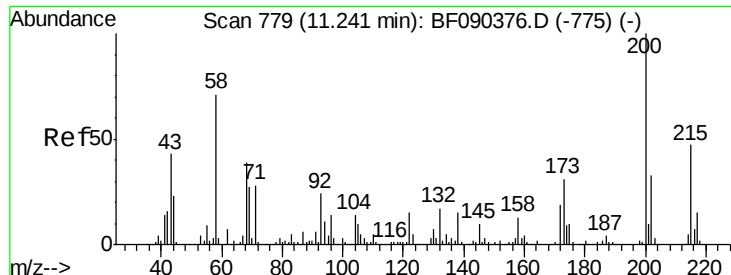
#67
 Hexachlorobenzene
 Concen: 1.93 ng
 RT: 11.15 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:284 Resp: 16103
 Ion Ratio Lower Upper
 284 100
 142 45.0 23.1 34.7#
 249 33.1 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

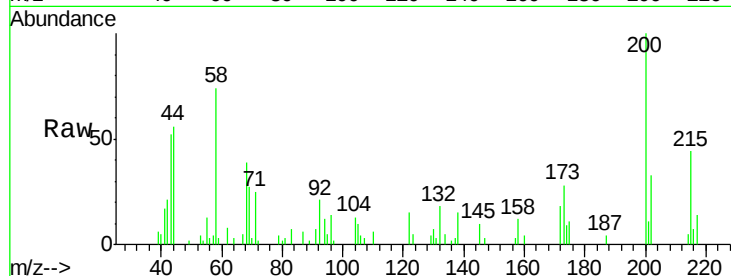




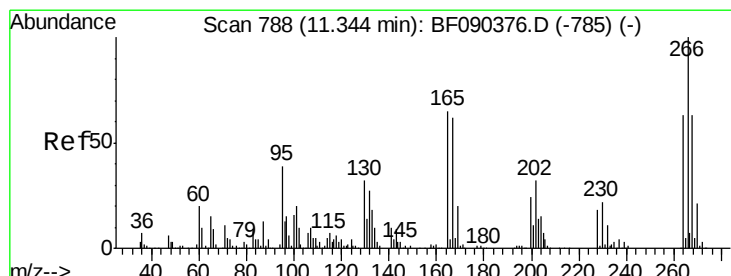
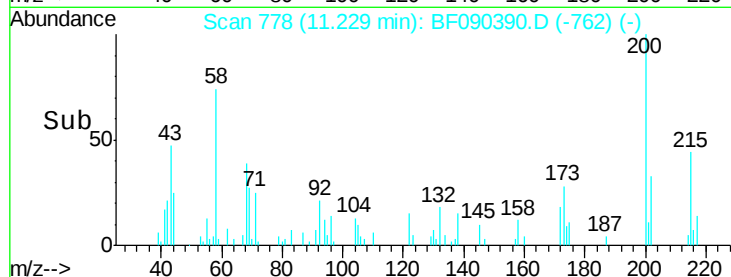
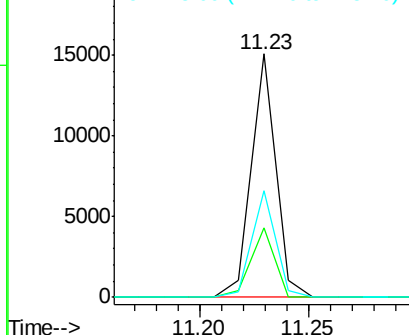
#68
Atrazine
Concen: 1.87 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion:200 Resp: 11789
Ion Ratio Lower Upper
200 100
173 28.5 9.0 49.0
215 43.7 24.8 64.8

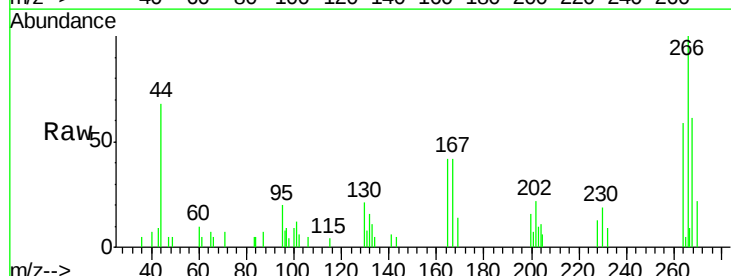


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

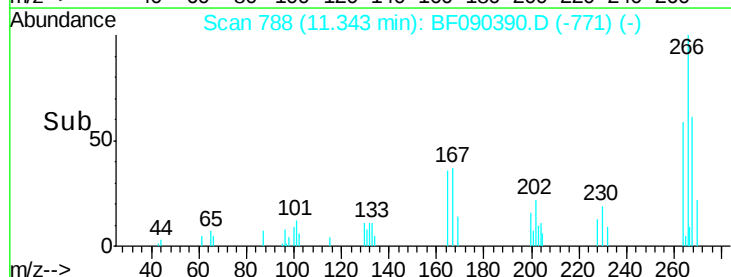
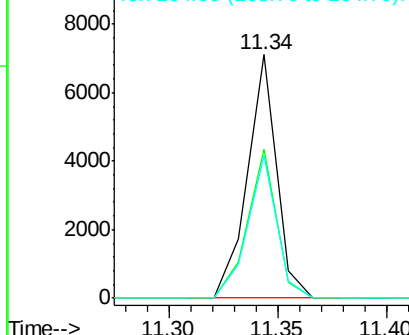


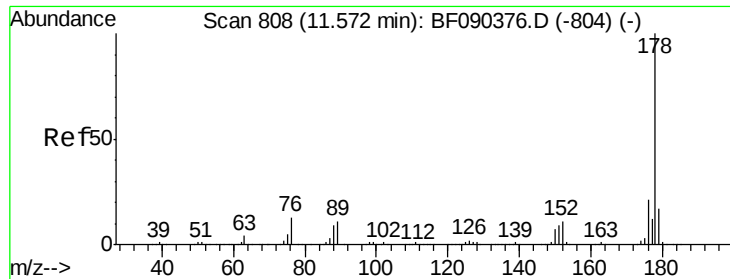
#69
Pentachlorophenol
Concen: 1.33 ng
RT: 11.34 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:266 Resp: 6602
Ion Ratio Lower Upper
266 100
268 61.2 50.9 76.3
264 58.6 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

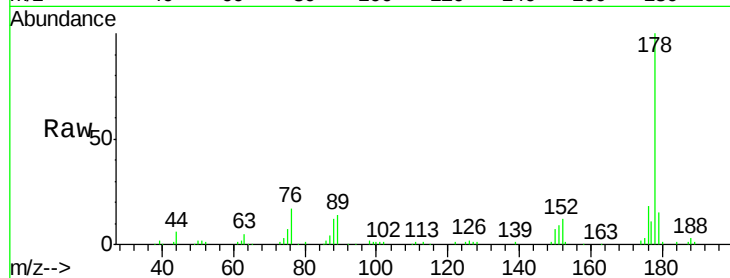




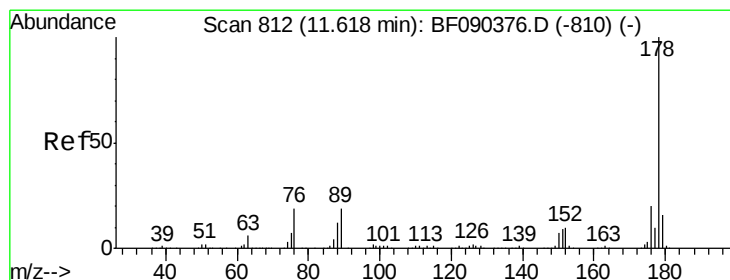
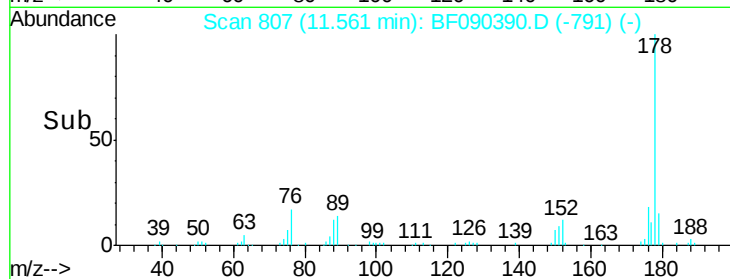
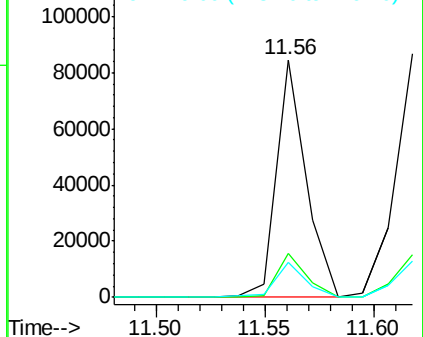
#70
Phenanthrene
Concen: 2.06 ng
RT: 11.56 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion:178 Resp: 80483
Ion Ratio Lower Upper
178 100
176 18.5 17.3 25.9
179 14.8 13.8 20.6

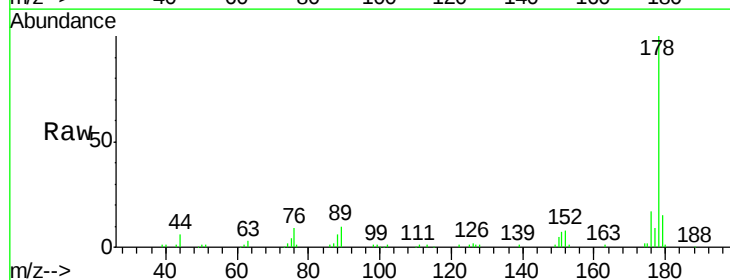


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

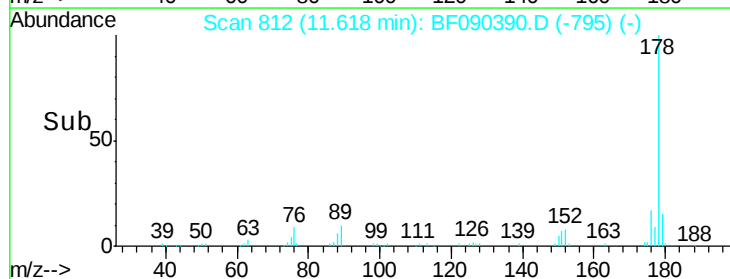
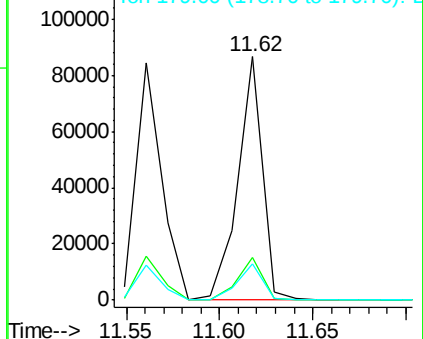


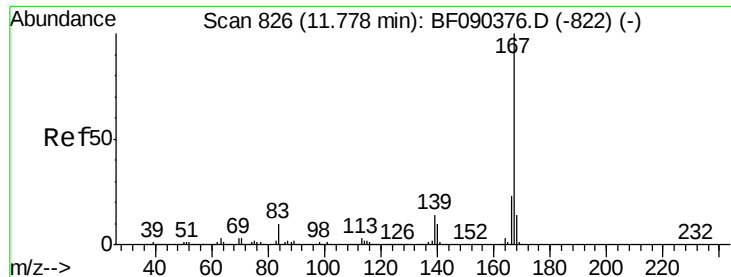
#71
Anthracene
Concen: 1.99 ng
RT: 11.62 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion:178 Resp: 79632
Ion Ratio Lower Upper
178 100
176 17.5 16.8 25.2
179 15.1 13.4 20.2



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

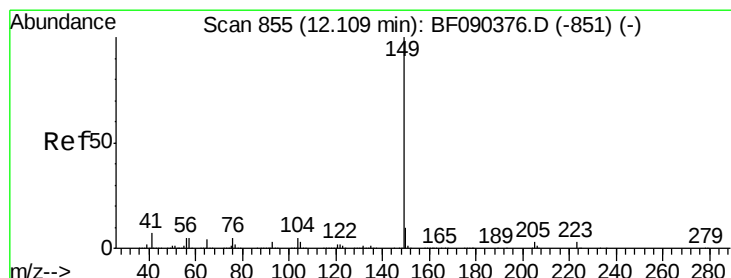
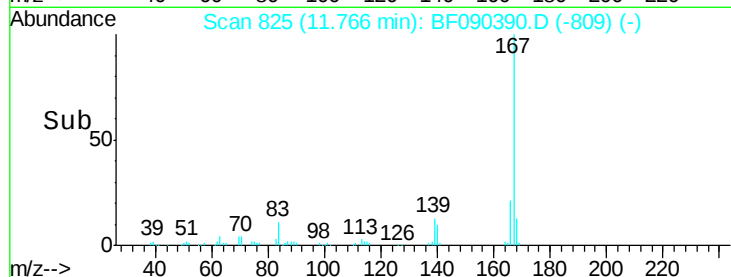
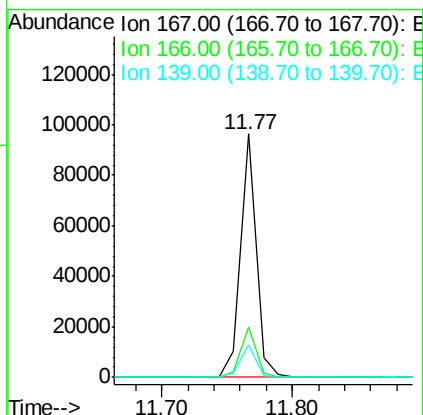
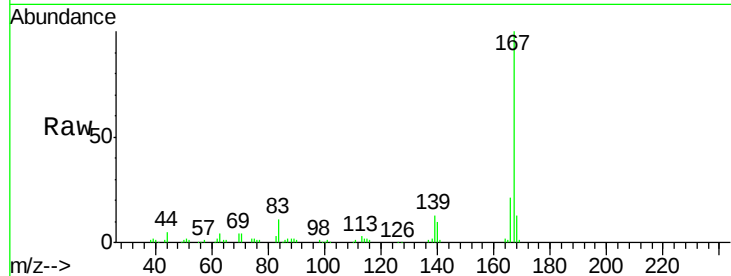




#72
 Carbazole
 Concen: 2.15 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

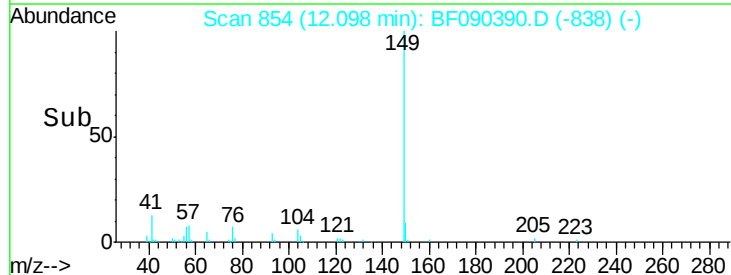
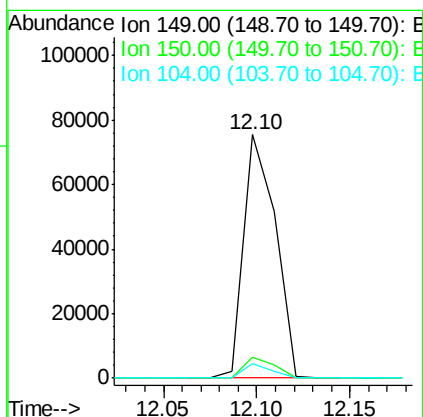
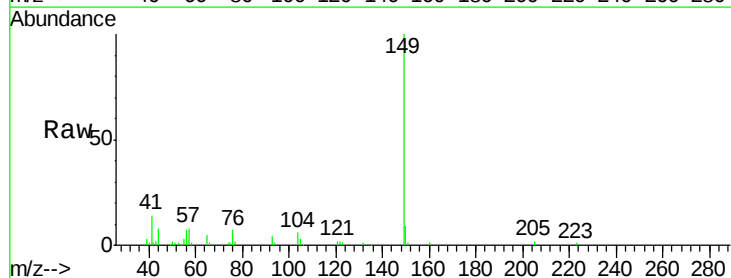
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

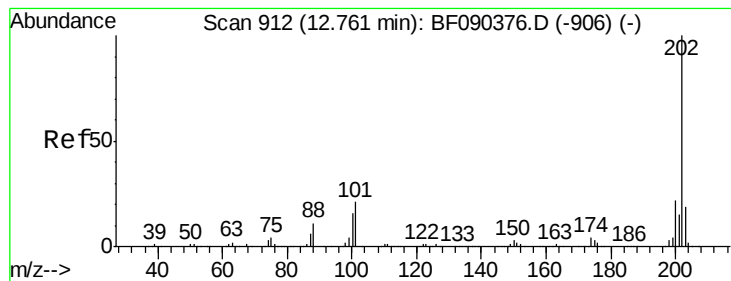
Tgt Ion:167 Resp: 79741
 Ion Ratio Lower Upper
 167 100
 166 20.9 19.1 28.7
 139 13.4 12.1 18.1



#73
 Di-n-butylphthalate
 Concen: 1.97 ng
 RT: 12.10 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:149 Resp: 89002
 Ion Ratio Lower Upper
 149 100
 150 8.8 8.6 12.8
 104 6.1 4.7 7.1





#74

Fluoranthene

Concen: 1.87 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

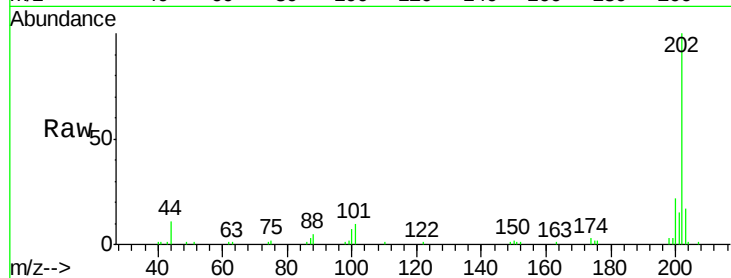
Tgt Ion:202 Resp: 71672

Ion Ratio Lower Upper

202 100

101 10.4 0.0 37.2

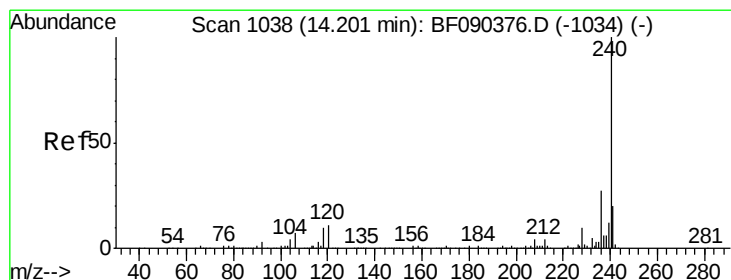
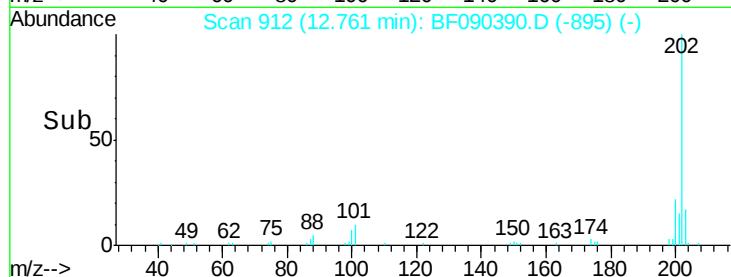
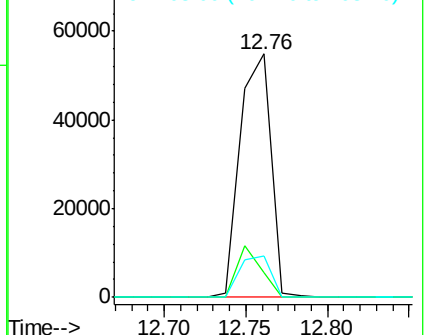
203 17.0 0.0 39.3



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: BF090390.D

Acq: 5 Oct 2016 20:07

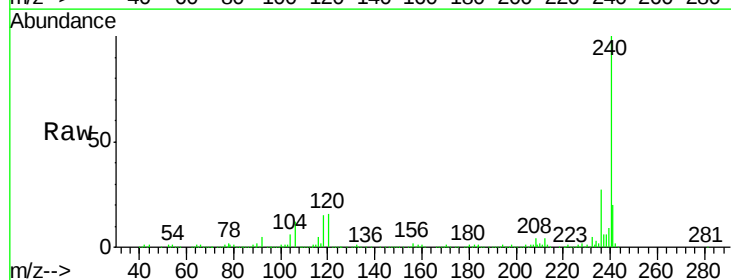
Tgt Ion:240 Resp: 658606

Ion Ratio Lower Upper

240 100

120 16.4 8.6 13.0#

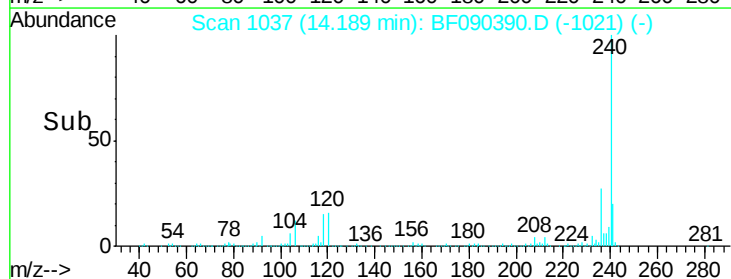
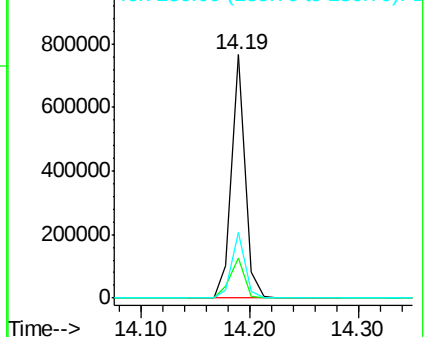
236 27.1 21.6 32.4

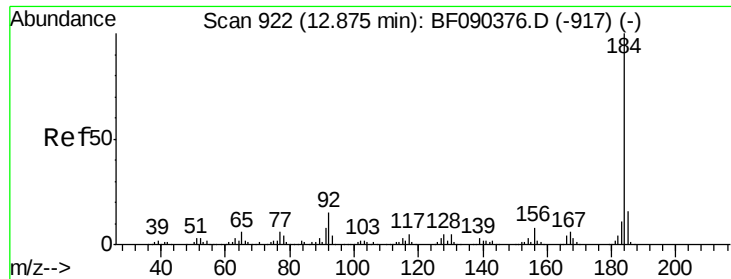


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.44 ng

RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

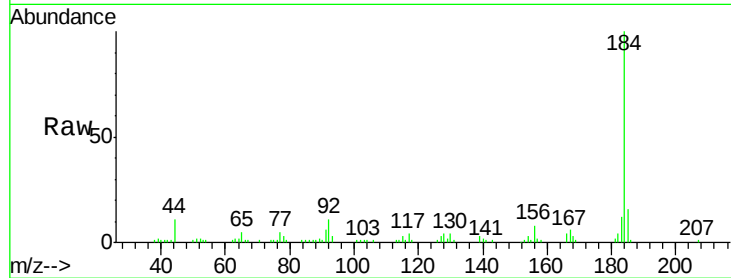
Tgt Ion:184 Resp: 59550

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

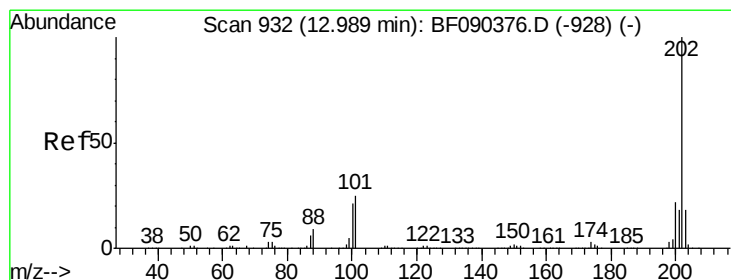
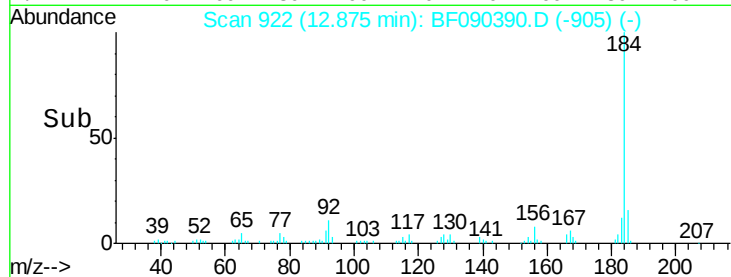
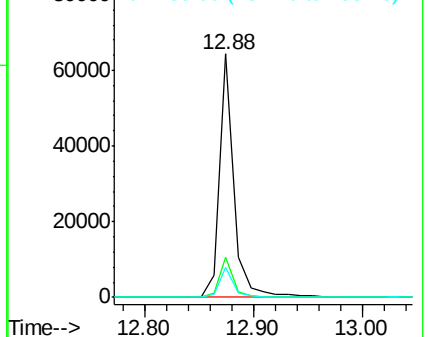
183 12.2 9.6 14.4



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: 1.70 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

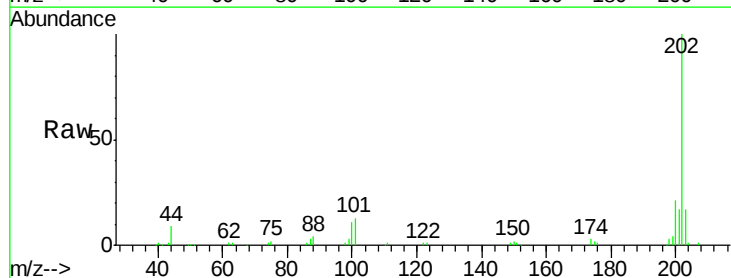
Tgt Ion:202 Resp: 74871

Ion Ratio Lower Upper

202 100

200 20.6 18.5 27.7

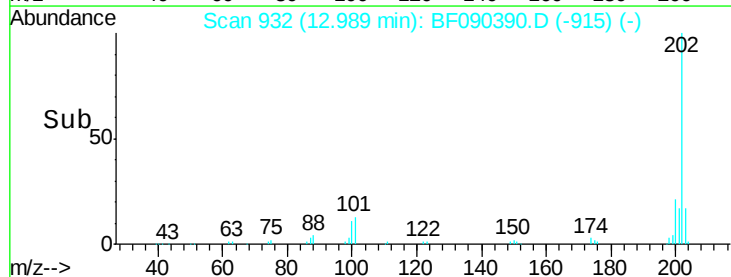
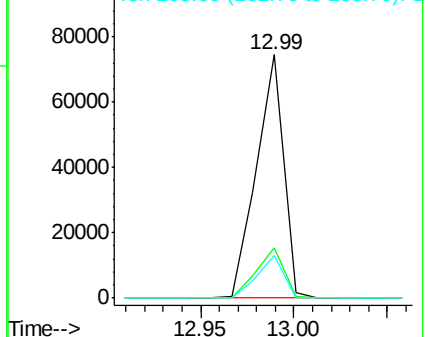
203 17.3 15.0 22.6

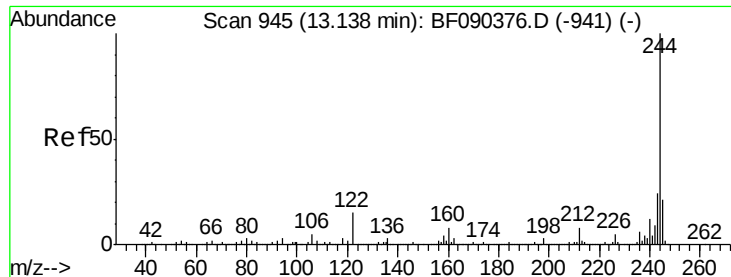


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

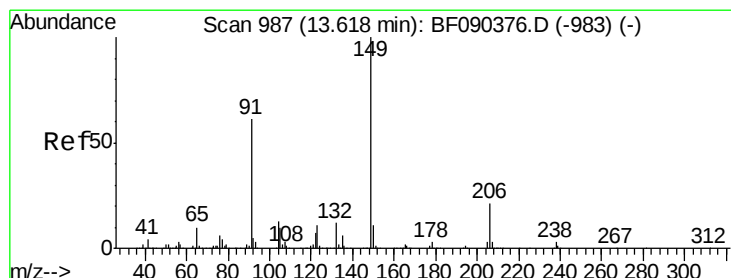
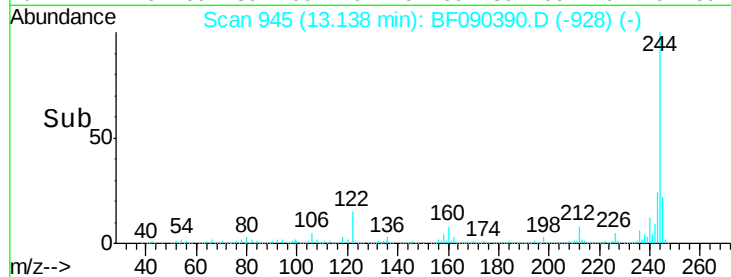
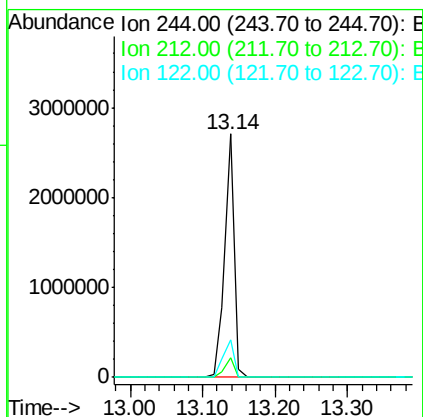
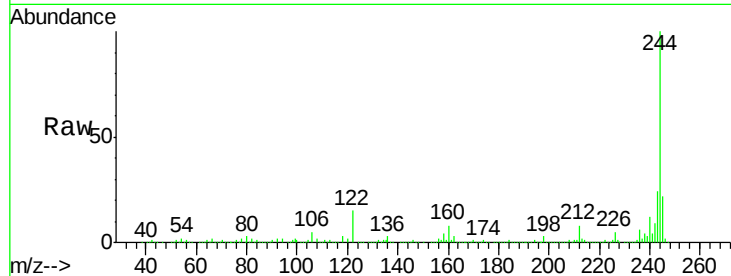




#78
 Terphenyl-d14
 Concen: 84.66 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

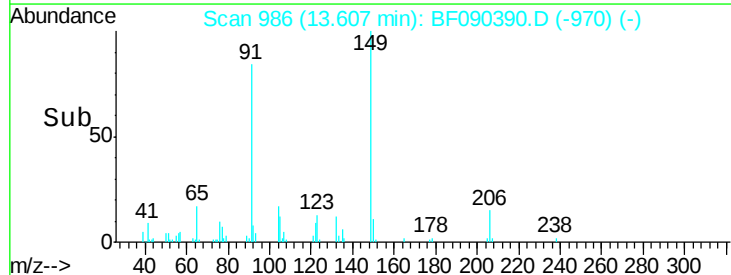
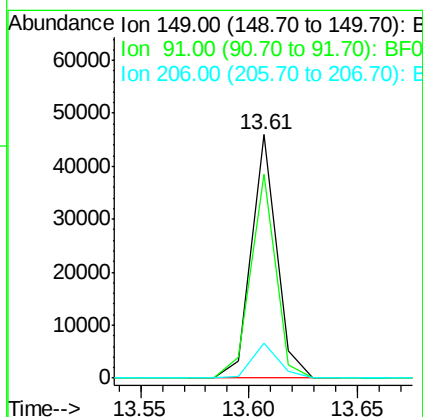
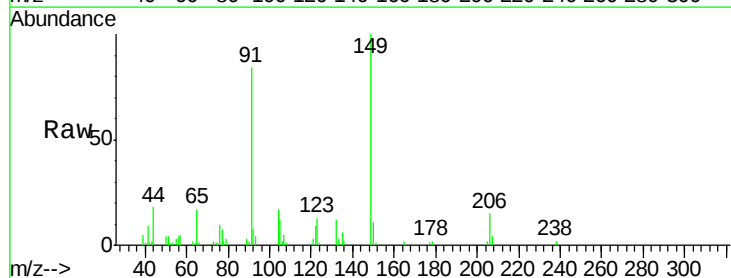
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

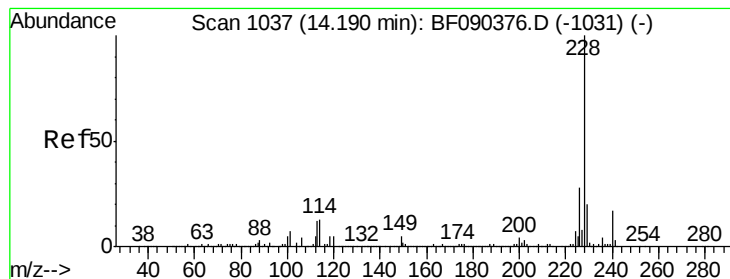
Tgt Ion:244 Resp: 2480067
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.8 10.2
 122 15.3 13.3 19.9



#79
 Butylbenzylphthalate
 Concen: 1.65 ng
 RT: 13.61 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF090390.D
 Acq: 5 Oct 2016 20:07

Tgt Ion:149 Resp: 37122
 Ion Ratio Lower Upper
 149 100
 91 83.7 51.8 77.8#
 206 14.6 18.0 27.0#





#80

Benzo(a)anthracene

Concen: 1.88 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

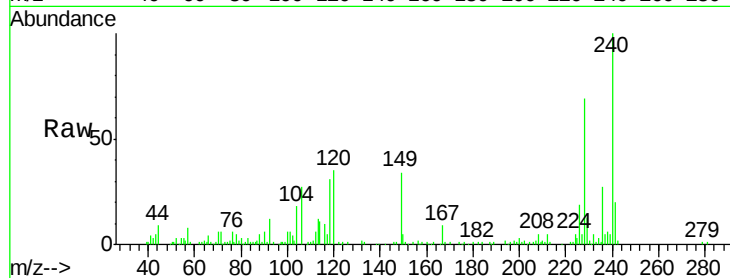
Tgt Ion:228 Resp: 69439

Ion Ratio Lower Upper

228 100

226 26.9 23.6 35.4

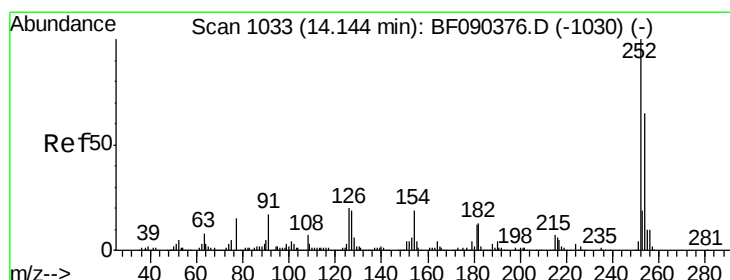
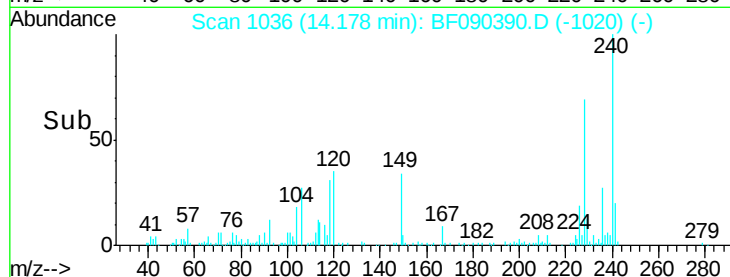
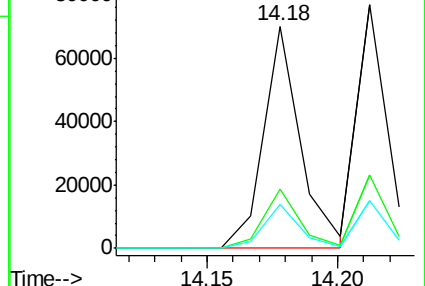
229 19.5 16.6 25.0



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: 1.41 ng

RT: 14.14 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

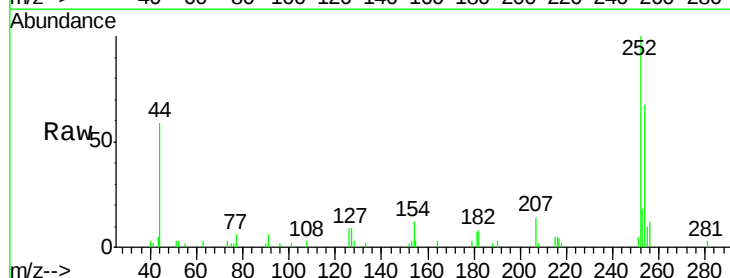
Tgt Ion:252 Resp: 18828

Ion Ratio Lower Upper

252 100

254 66.8 52.1 78.1

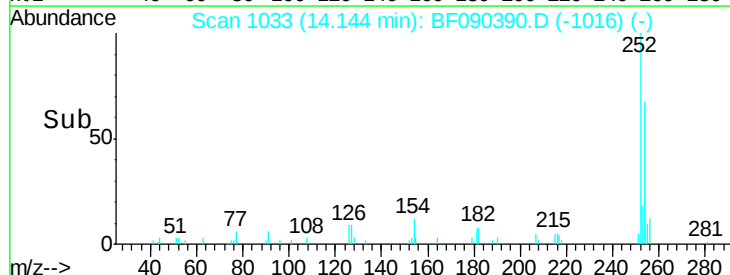
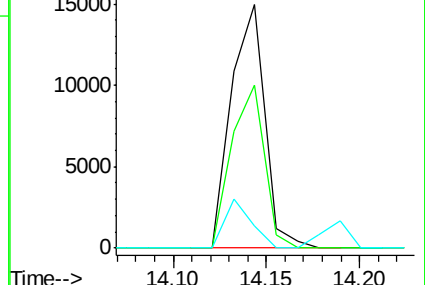
126 9.0 4.2 6.4#

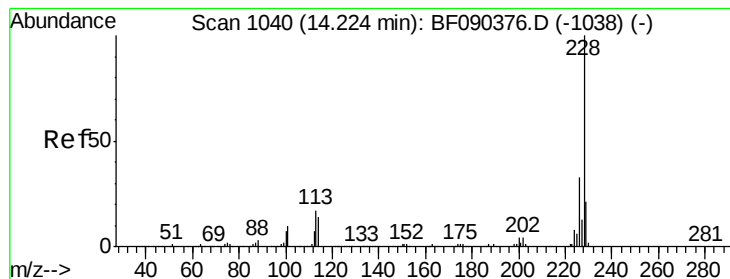


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.85 ng

RT: 14.21 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

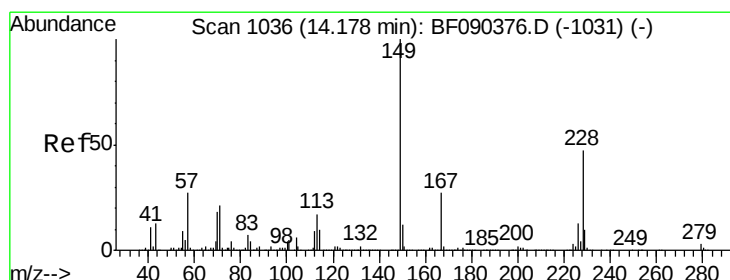
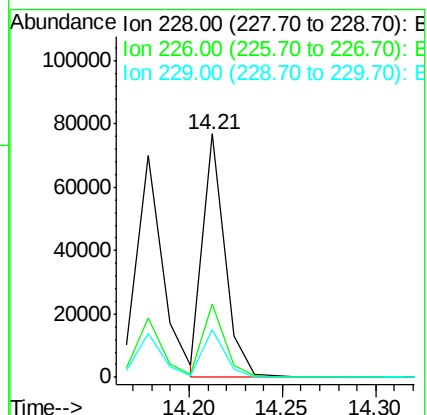
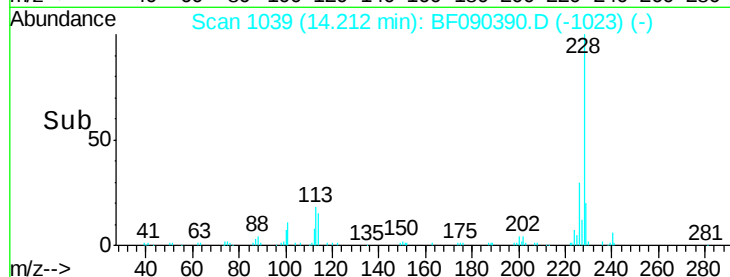
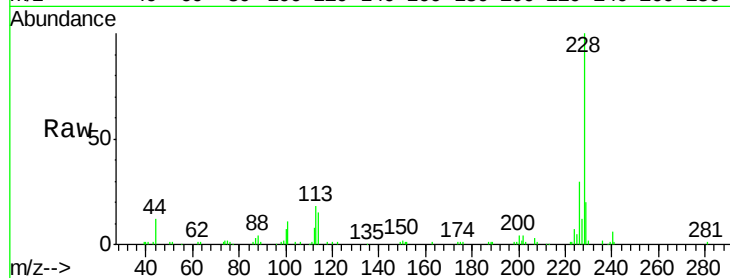
Tgt Ion:228 Resp: 62973

Ion Ratio Lower Upper

228 100

226 30.2 25.8 38.6

229 19.8 16.9 25.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.60 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

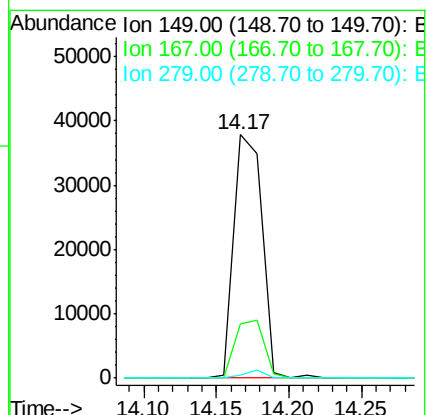
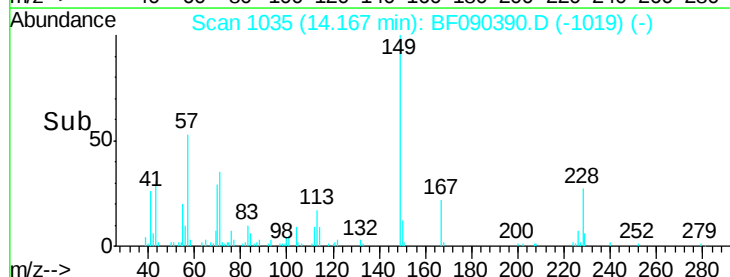
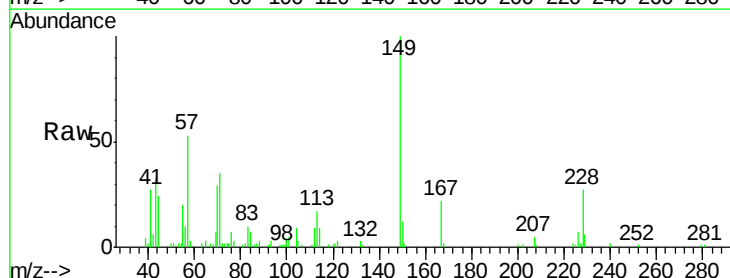
Tgt Ion:149 Resp: 51241

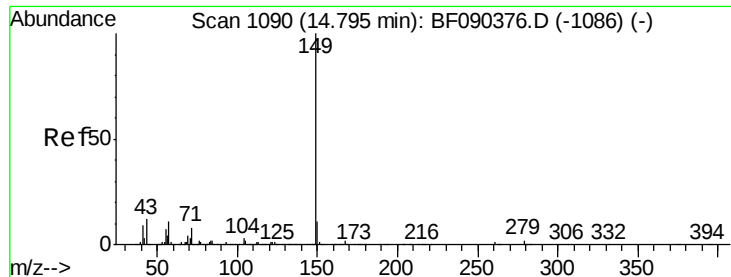
Ion Ratio Lower Upper

149 100

167 22.2 21.5 32.3

279 1.4 2.6 3.8#





#84

Di-n-octyl phthalate

Concen: 1.64 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

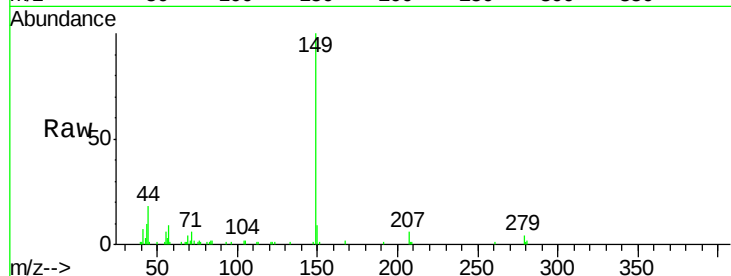
Tgt Ion:149 Resp: 78061

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

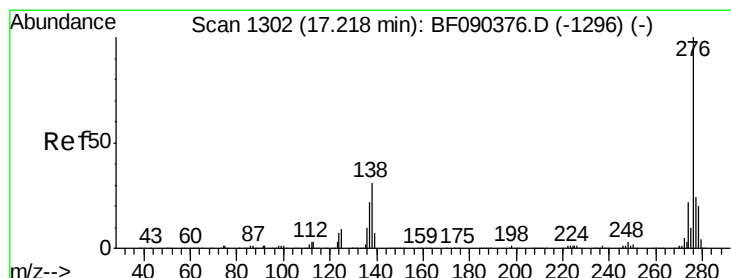
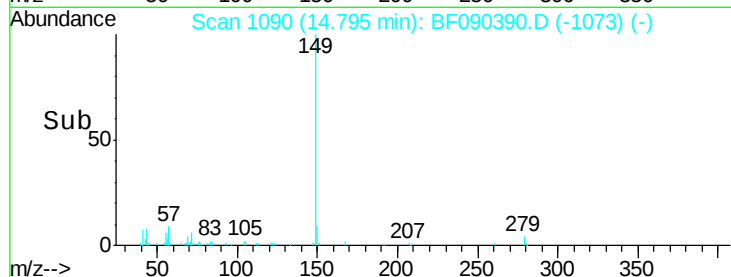
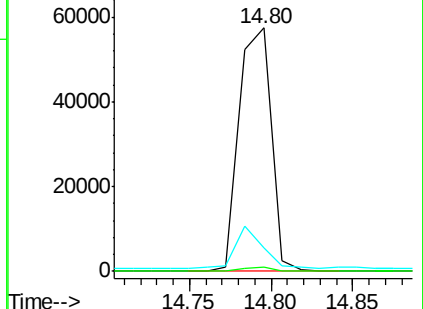
43 14.6 11.8 17.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.63 ng

RT: 17.20 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF090390.D

Acq: 5 Oct 2016 20:07

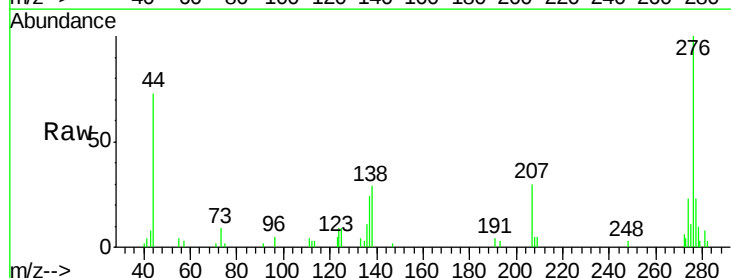
Tgt Ion:276 Resp: 39417

Ion Ratio Lower Upper

276 100

138 35.3 23.8 35.8

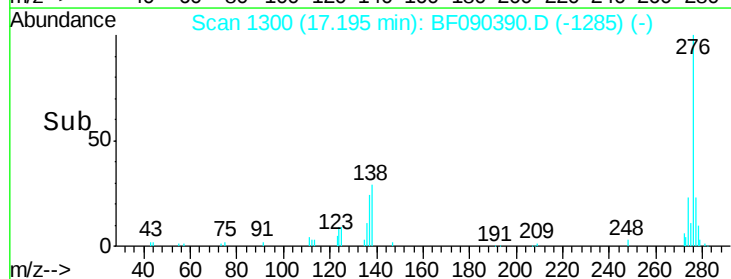
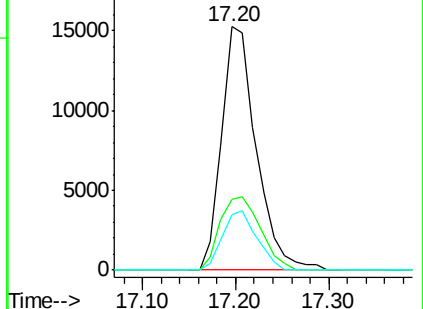
277 24.1 20.4 30.6

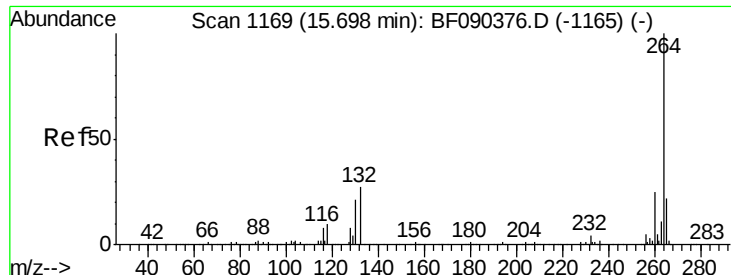


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



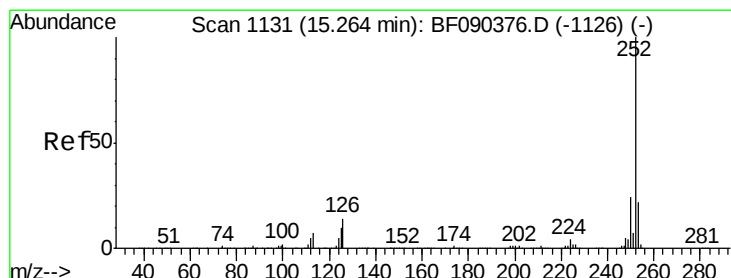
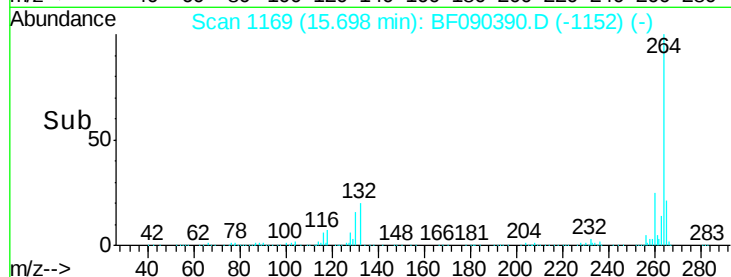
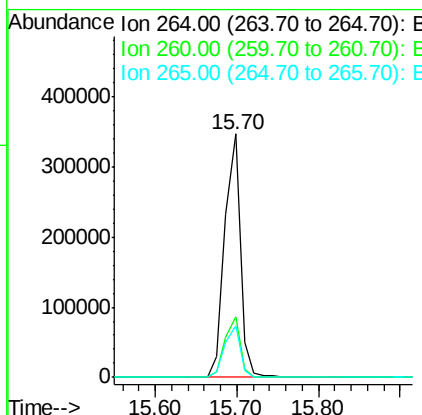
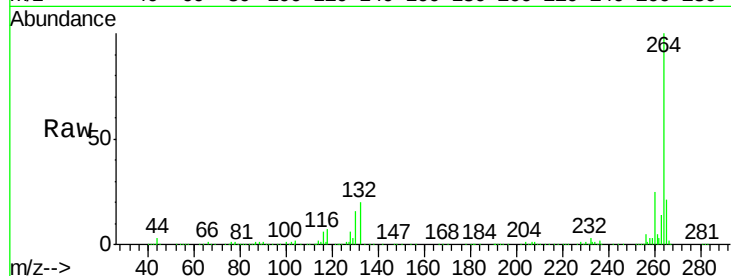


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion: 264 Resp: 463409

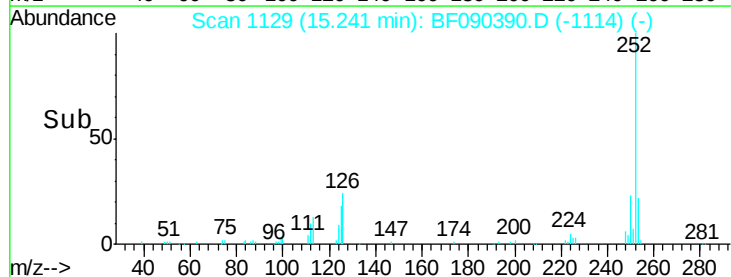
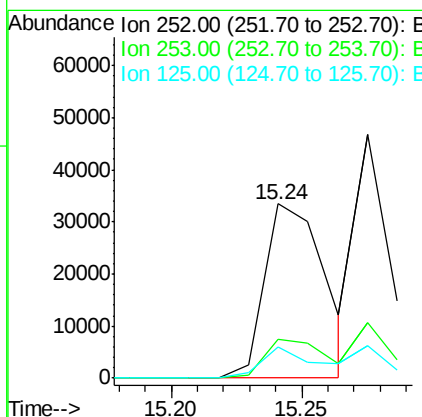
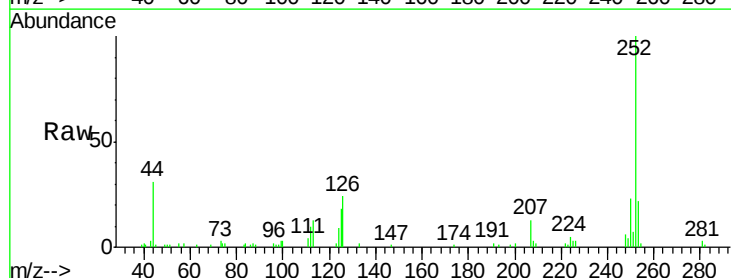
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.1	17.4	26.0

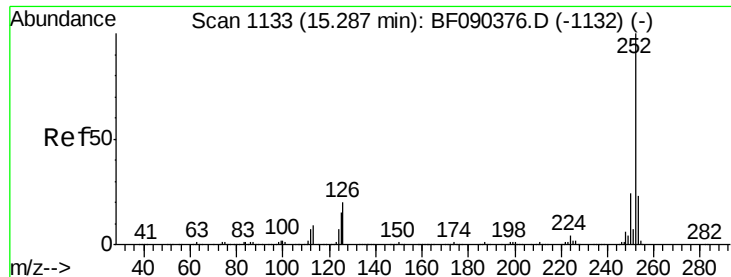


#87
Benzo(b)fluoranthene
Concen: 1.82 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 252 Resp: 53598

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	18.2	7.0	10.4

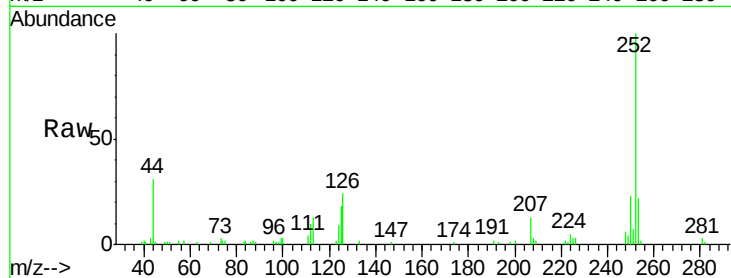




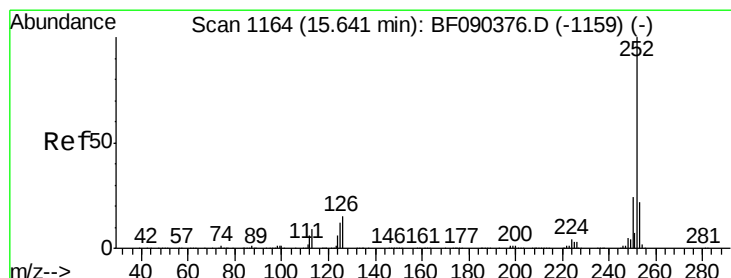
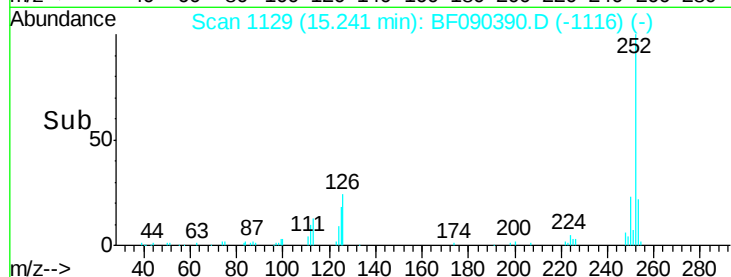
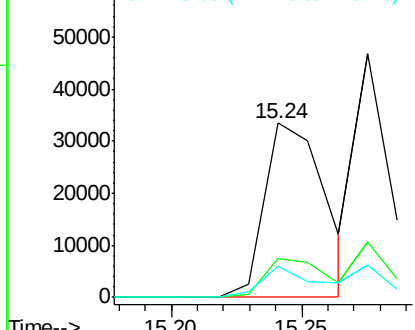
#88
Benzo(k)fluoranthene
Concen: 1.93 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion: 252 Resp: 53598
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 18.2 11.7 17.5#

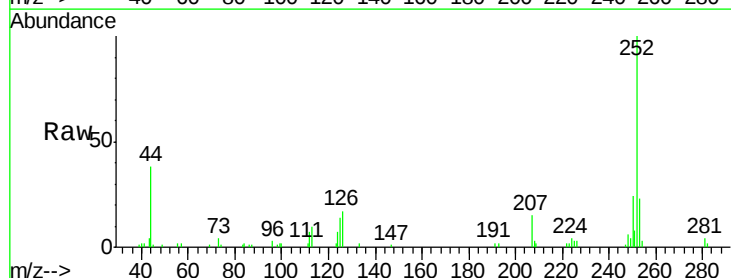


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

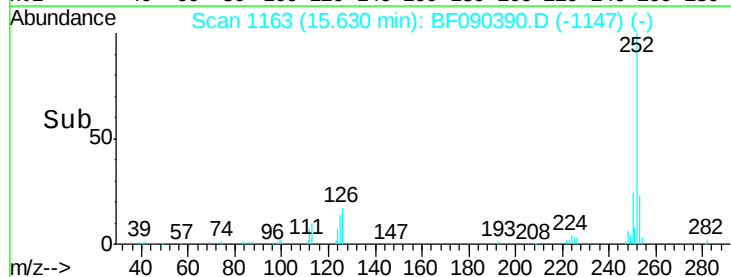
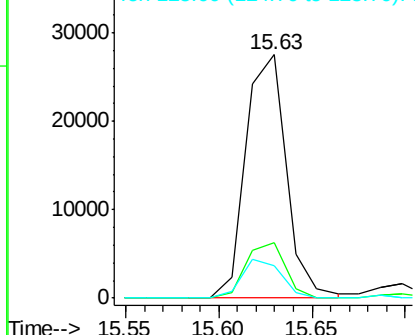


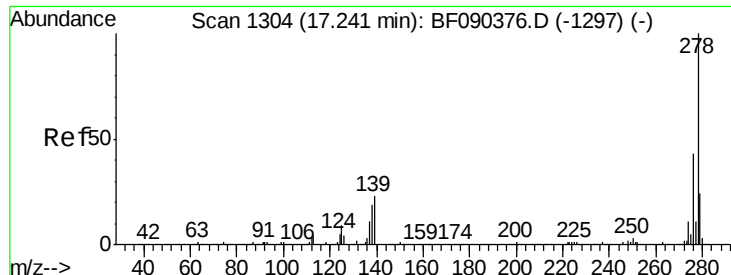
#89
Benzo(a)pyrene
Concen: 1.63 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 252 Resp: 41558
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



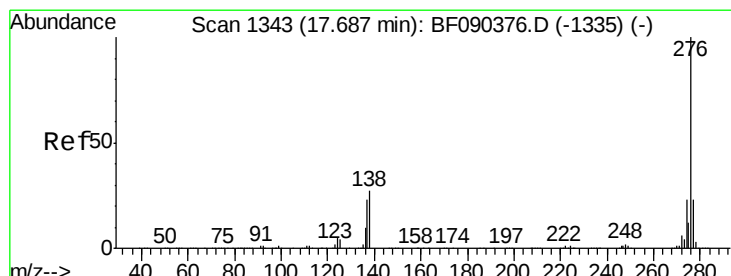
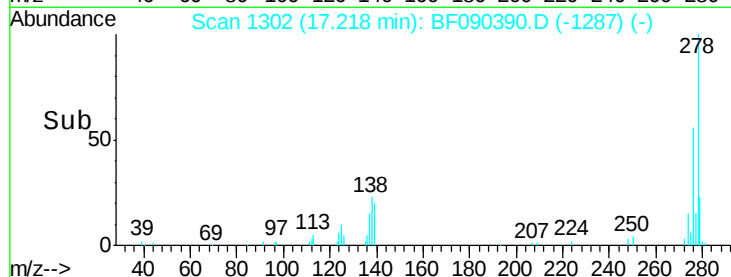
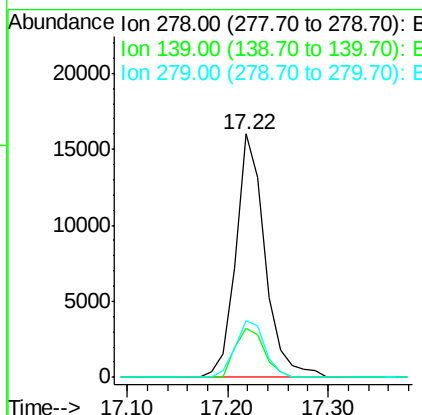
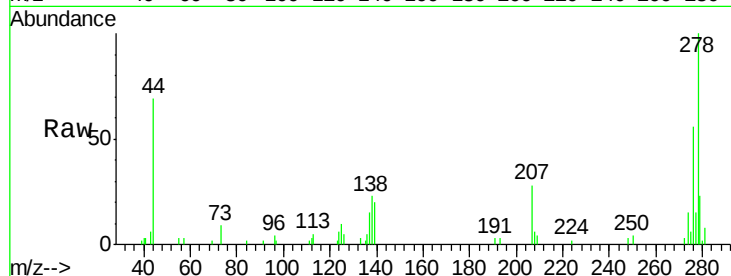


#90
Dibenzo(a,h)anthracene
Concen: 1.49 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

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

Tgt Ion: 278 Resp: 32326

Ion	Ratio	Lower	Upper
278	100		
139	19.9	12.8	19.2#
279	23.5	19.6	29.4



#91
Benzo(g,h,i)perylene
Concen: 1.51 ng
RT: 17.65 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF090390.D
Acq: 5 Oct 2016 20:07

Tgt Ion: 276 Resp: 31452

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	31.5	20.8	31.2#

