

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089200.D
 Acq On : 22 Jul 2016 18:41
 Operator : UM/SJ
 Sample : H3606-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Jul 25 00:52:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	56505	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	241600	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	120144	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	238961	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	180926	20.00	ng	-0.01
86) Perylene-d12	15.05	264	147916	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	425745	114.59	ng	-0.01
7) Phenol-d6	6.24	99	537745	112.24	ng	-0.03
23) Nitrobenzene-d5	7.15	82	355284	78.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	117945	109.04	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	652062	74.78	ng	-0.02
78) Terphenyl-d14	12.67	244	617902	74.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	26180	16.23	ng	# 93
3) Pyridine	2.72	79	54603	13.32	ng	98
4) n-Nitrosodimethylamine	2.66	42	28717	16.65	ng	97
6) Aniline	6.25	93	71806	11.09	ng	# 25
8) 2-Chlorophenol	6.36	128	85053	20.63	ng	83
9) Benzaldehyde	6.12	77	41901	14.10	ng	98
10) Phenol	6.25	94	110319	19.99	ng	# 58
11) bis(2-Chloroethyl)ether	6.33	93	92088	22.21	ng	100
12) 1,3-Dichlorobenzene	6.51	146	82765	18.18	ng	97
13) 1,4-Dichlorobenzene	6.59	146	89649	19.55	ng	98
14) 1,2-Dichlorobenzene	6.75	146	83825	19.39	ng	98
15) Benzyl Alcohol	6.74	79	73654	20.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	94806	20.07	ng	76
17) 2-Methylphenol	6.86	107	66343	20.43	ng	95
18) Hexachloroethane	7.08	117	33791	19.61	ng	97
19) n-Nitroso-di-n-propylamine	7.00	70	59955	19.13	ng	# 90
20) 3+4-Methylphenols	7.02	107	87243	19.79	ng	# 83
22) Acetophenone	7.00	105	126008	19.53	ng	# 96
24) Nitrobenzene	7.18	77	89194	18.60	ng	97
25) Isophorone	7.40	82	162548	19.40	ng	95
26) 2-Nitrophenol	7.48	139	42992	19.22	ng	97
27) 2,4-Dimethylphenol	7.54	122	70711	18.76	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	108762	20.75	ng	100
29) 2,4-Dichlorophenol	7.74	162	71103	20.94	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	72668	19.33	ng	100
31) Naphthalene	7.88	128	257015	19.71	ng	99
32) Benzoic acid	7.67	122	42295	14.59	ng	95
33) 4-Chloroaniline	7.95	127	54391	9.92	ng	# 95
34) Hexachlorobutadiene	8.01	225	39889	19.06	ng	97
35) Caprolactam	8.31	113	21657	20.53	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	84651	20.69	ng	99
37) 2-Methylnaphthalene	8.58	142	165777	19.94	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	69802	15.63	ng	100
40) Hexachlorocyclopentadiene	8.73	237	31460	27.27	ng	99

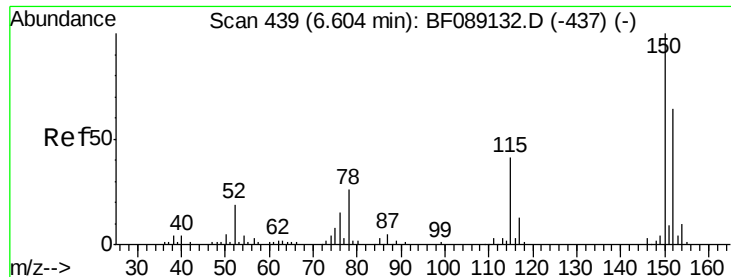
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089200.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	45480	18.20	ng	100
43) 2,4,5-Trichlorophenol	8.91	196	53593	21.36	ng	97
45) 1,1'-Biphenyl	9.04	154	196584	18.17	ng	100
46) 2-Chloronaphthalene	9.06	162	160354	19.50	ng	99
47) 2-Nitroaniline	9.16	65	51195	18.15	ng	97
48) Acenaphthylene	9.47	152	259205	20.05	ng	100
49) Dimethylphthalate	9.35	163	181687	19.71	ng	97
50) 2,6-Dinitrotoluene	9.42	165	40492	19.45	ng	99
51) Acenaphthene	9.64	154	149233	19.52	ng	99
52) 3-Nitroaniline	9.59	138	27889	11.28	ng	95
53) 2,4-Dinitrophenol	9.69	184	27455	31.64	ng	# 73
54) Dibenzofuran	9.82	168	223570	21.64	ng	99
55) 4-Nitrophenol	9.77	139	32010	21.40	ng	96
56) 2,4-Dinitrotoluene	9.82	165	57967	21.62	ng	98
57) Fluorene	10.16	166	188452	21.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	42186	23.41	ng	97
59) Diethylphthalate	10.04	149	186408	20.39	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	82744	20.67	ng	# 90
61) 4-Nitroaniline	10.19	138	45769	19.03	ng	97
62) Azobenzene	10.32	77	213271	21.47	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	25002	17.97	ng	93
65) n-Nitrosodiphenylamine	10.27	169	155839	19.51	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	47950	20.28	ng	94
67) Hexachlorobenzene	10.71	284	46762	18.39	ng	# 96
68) Atrazine	10.81	200	52476	21.01	ng	98
69) Pentachlorophenol	10.90	266	32154	27.40	ng	98
70) Phenanthrene	11.11	178	263418	20.10	ng	99
71) Anthracene	11.16	178	281426	20.65	ng	100
72) Carbazole	11.32	167	261000	21.81	ng	99
73) Di-n-butylphthalate	11.67	149	308954	20.87	ng	98
74) Fluoranthene	12.29	202	266857	19.37	ng	99
76) Benzidine	12.42	184	54737	8.80	ng	99
77) Pyrene	12.51	202	285082	19.08	ng	99
79) Butylbenzylphthalate	13.14	149	127118	20.11	ng	87
80) Benzo(a)anthracene	13.70	228	225254	19.55	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	64833	16.96	ng	# 98
82) Chrysene	13.74	228	229257	20.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	179095	21.36	ng	# 96
84) Di-n-octyl phthalate	14.32	149	298023	21.54	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	160829	20.12	ng	100
87) Benzo(b)fluoranthene	14.72	252	387609	36.18	ng	# 95
88) Benzo(k)fluoranthene	14.72	252	387609	50.60	ng	# 98
89) Benzo(a)pyrene	14.99	252	174943	21.03	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	134005	20.41	ng	# 93
91) Benzo(g,h,i)perylene	16.63	276	129137	19.50	ng	96

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

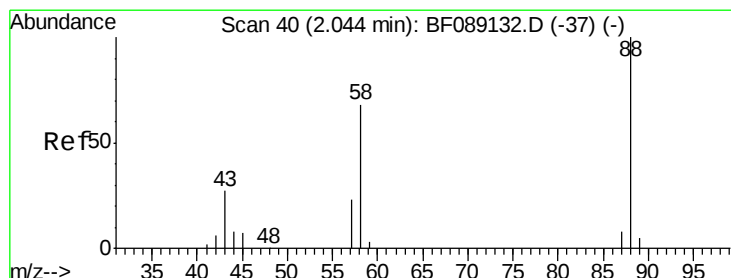
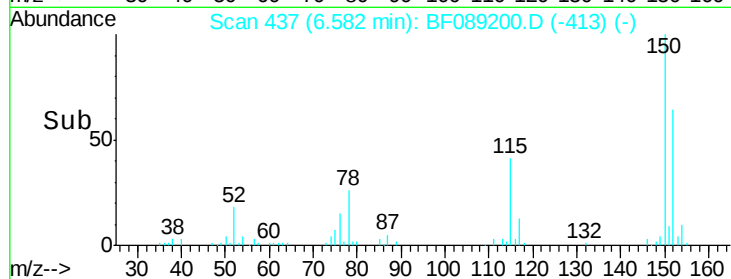
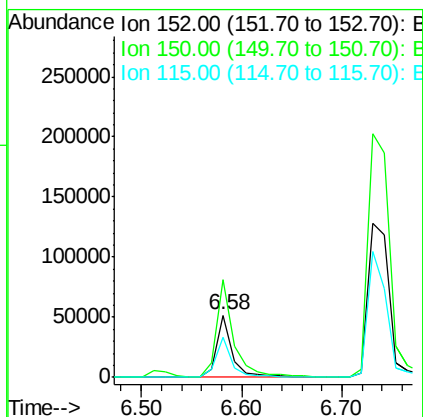
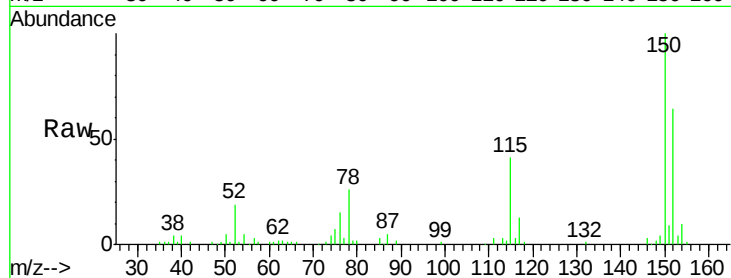


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

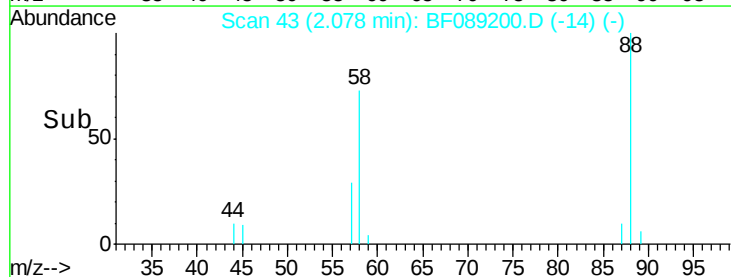
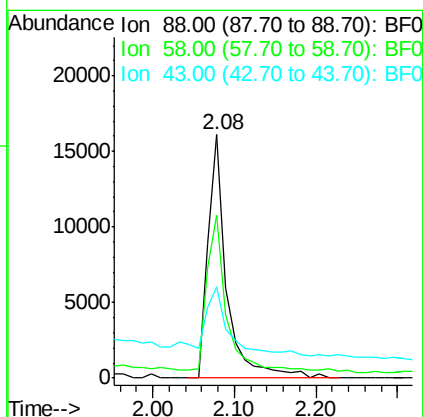
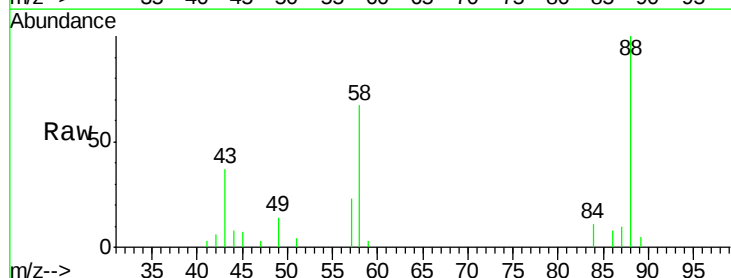
Tgt Ion:152 Resp: 56505
Ion Ratio Lower Upper
152 100
150 156.9 125.1 187.7
115 63.9 51.1 76.7

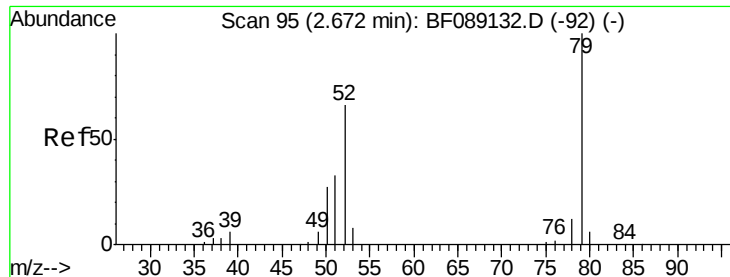


#2

1,4-Dioxane
Concen: 16.23 ng
RT: 2.08 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 88 Resp: 26180
Ion Ratio Lower Upper
88 100
58 62.8 49.2 73.8
43 35.0 20.6 30.8#





#3

Pyridine

Concen: 13.32 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.05 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

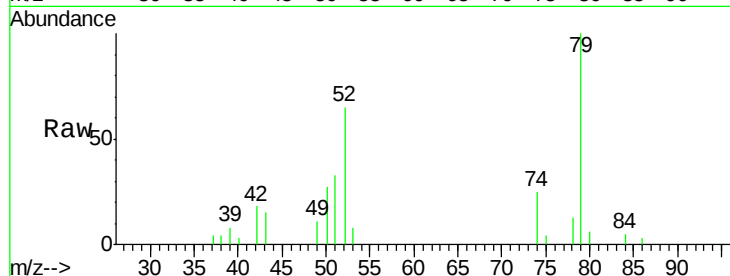
Tgt Ion: 79 Resp: 54603

Ion Ratio Lower Upper

79 100

52 64.8 52.9 79.3

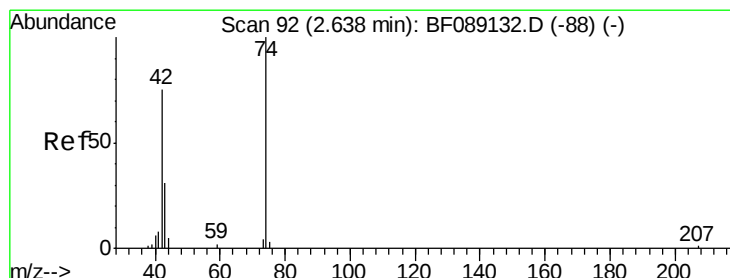
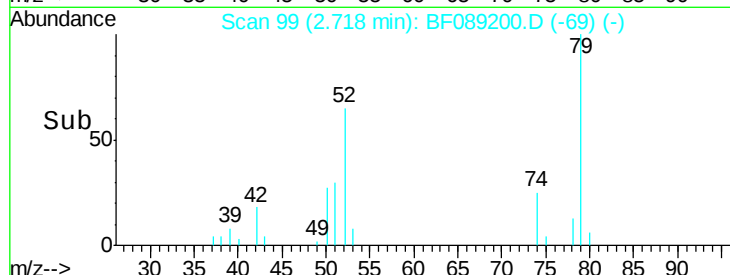
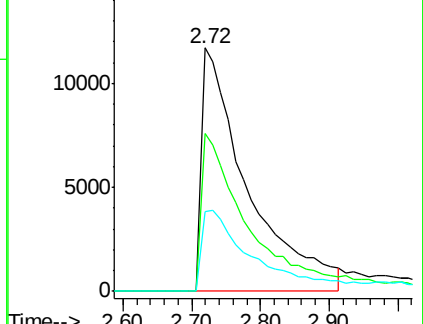
51 32.8 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.65 ng

RT: 2.66 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

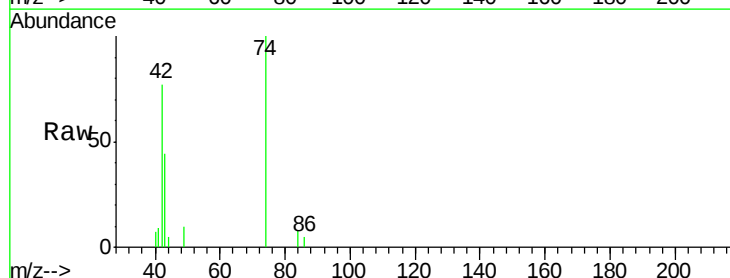
Tgt Ion: 42 Resp: 28717

Ion Ratio Lower Upper

42 100

74 129.7 106.4 159.6

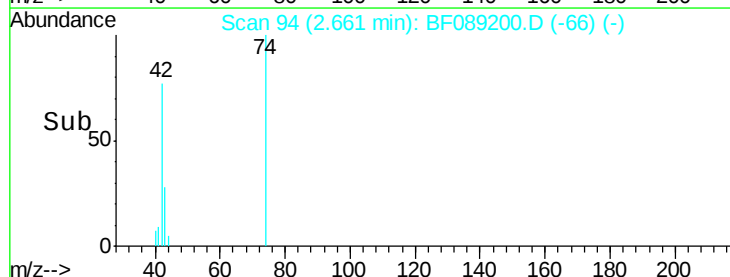
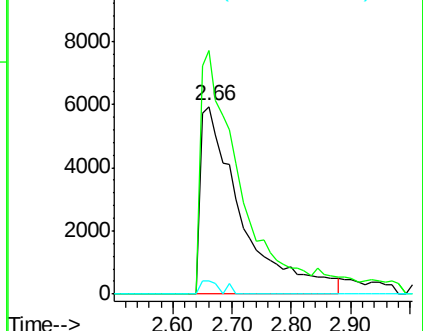
44 6.8 5.2 7.8

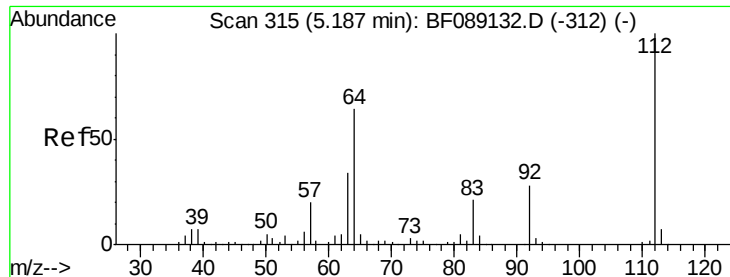


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.59 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

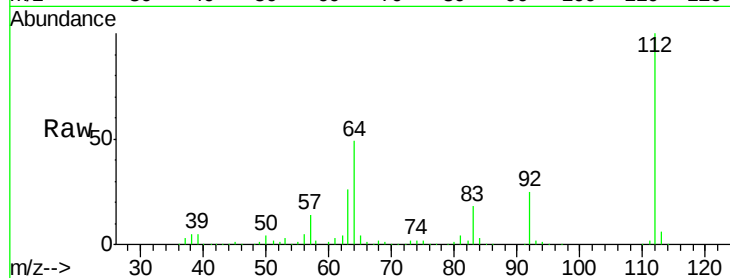
Tgt Ion: 112 Resp: 425745

Ion Ratio Lower Upper

112 100

64 48.7 51.0 76.4#

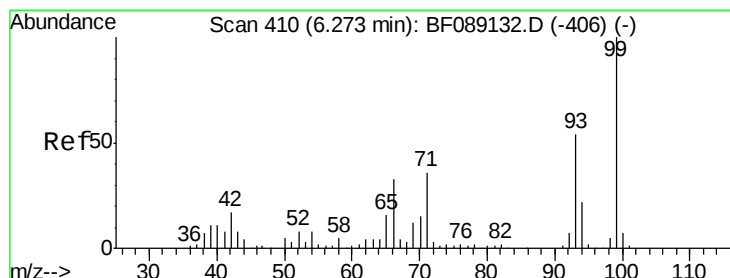
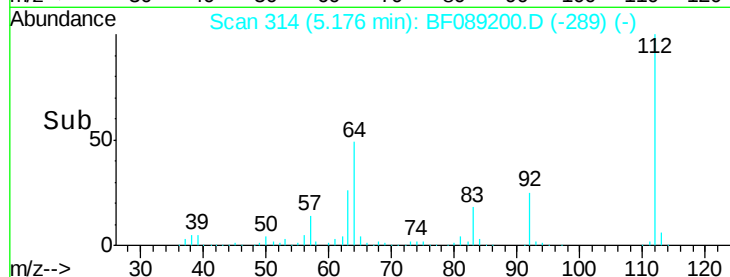
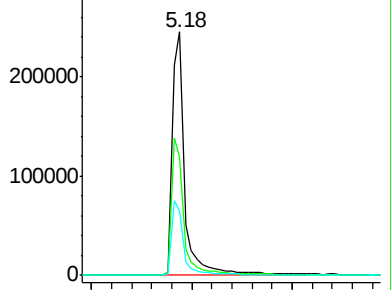
63 26.2 27.3 40.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.09 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

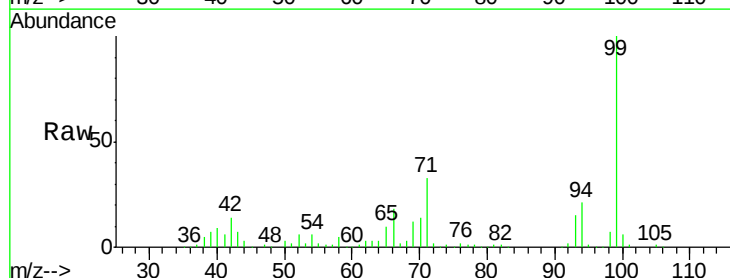
Tgt Ion: 93 Resp: 71806

Ion Ratio Lower Upper

93 100

66 122.3 48.9 73.3#

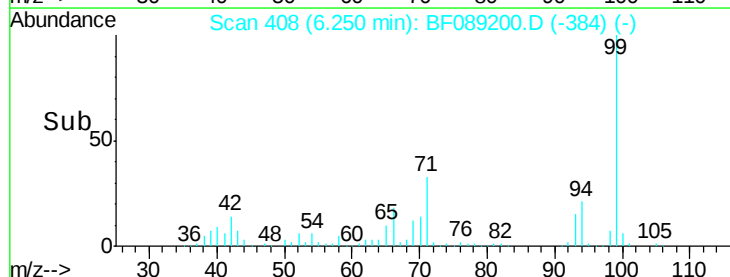
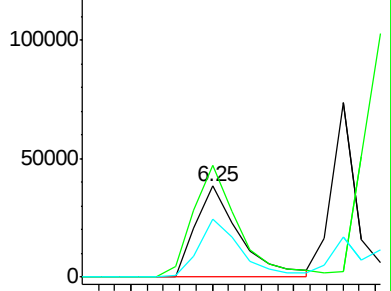
65 64.4 23.9 35.9#

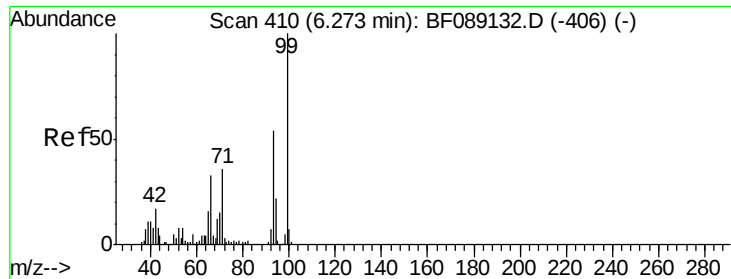


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.24 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

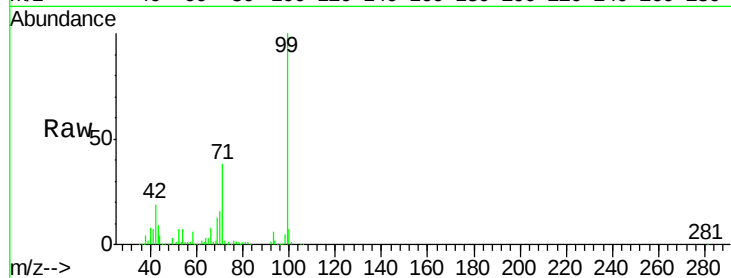
Tgt Ion: 99 Resp: 537745

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

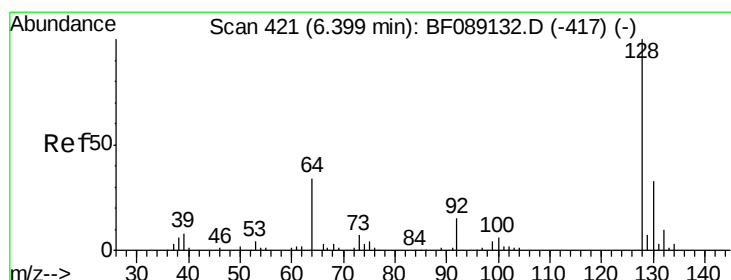
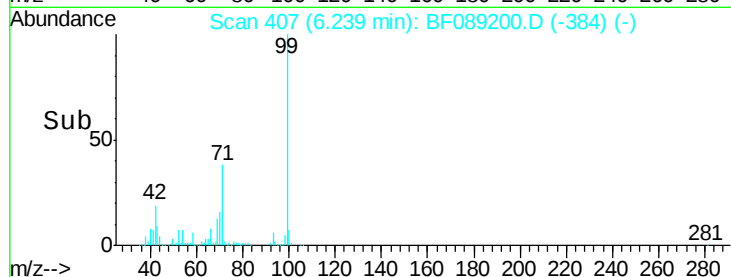
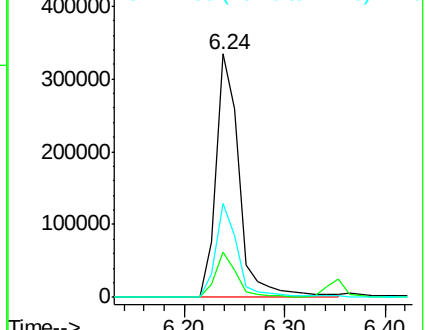
71 38.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 20.63 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

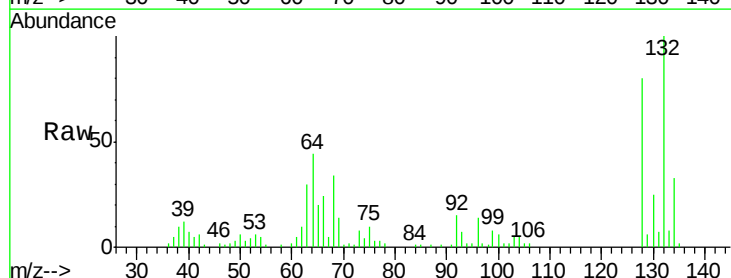
Tgt Ion: 128 Resp: 85053

Ion Ratio Lower Upper

128 100

130 30.8 12.6 52.6

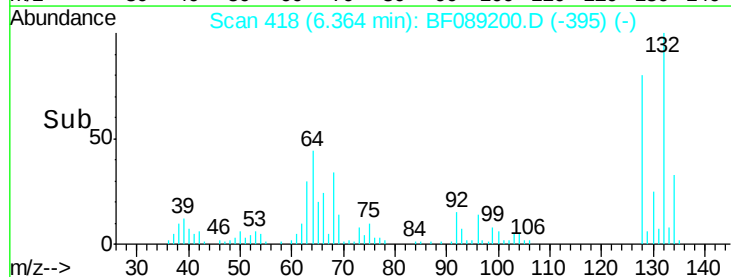
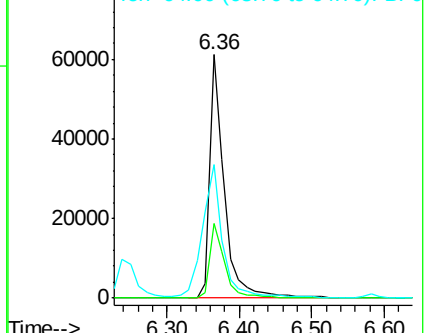
64 55.1 17.5 57.5

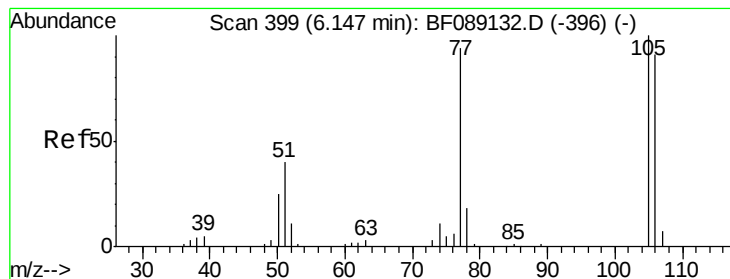


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.10 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

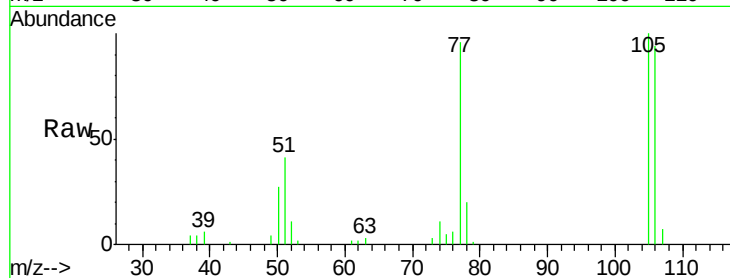
Tgt Ion: 77 Resp: 41901

Ion Ratio Lower Upper

77 100

105 104.6 86.2 126.2

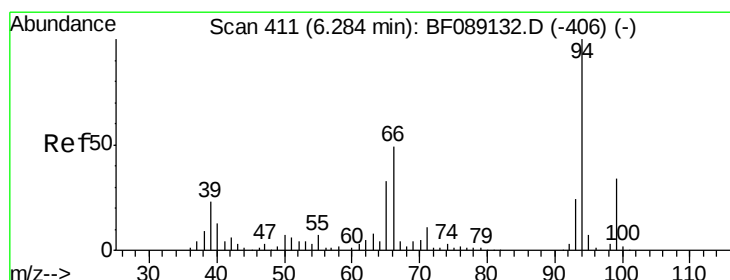
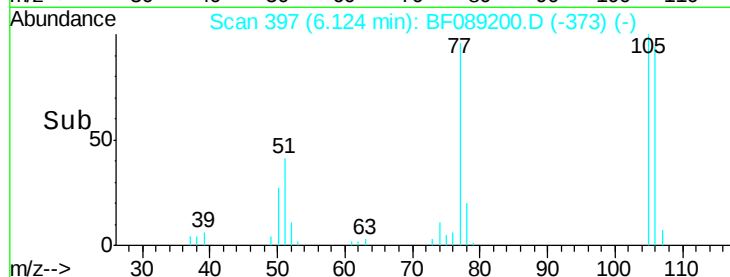
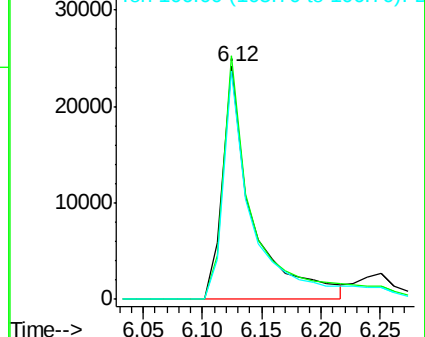
106 97.8 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 19.99 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

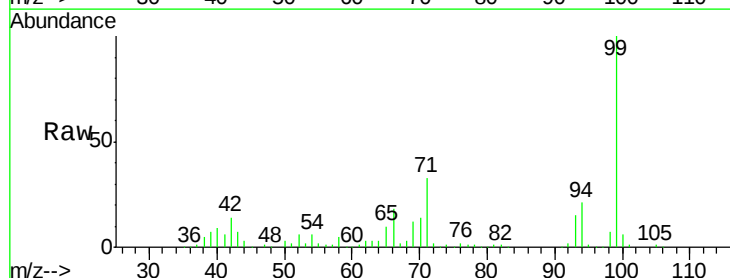
Tgt Ion: 94 Resp: 110319

Ion Ratio Lower Upper

94 100

65 45.9 13.3 53.3

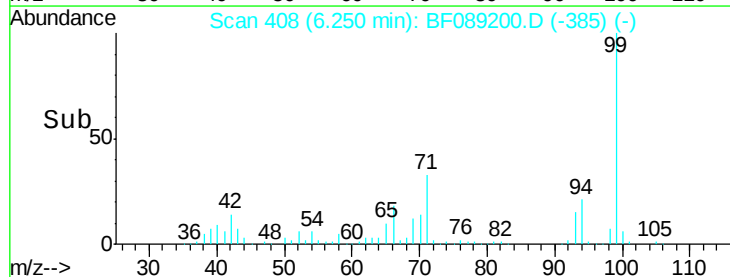
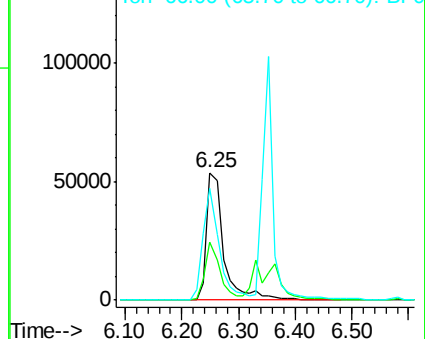
66 87.3 29.3 69.3#

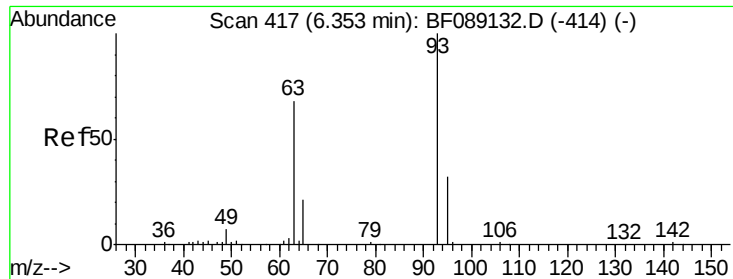


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 22.21 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

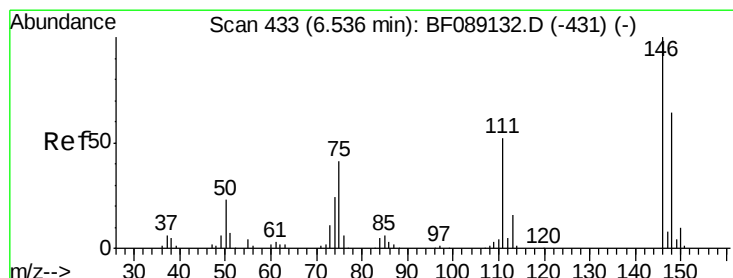
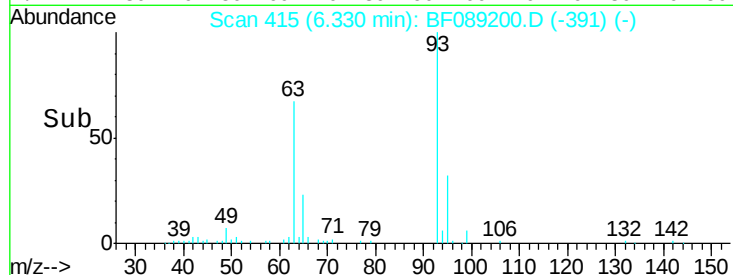
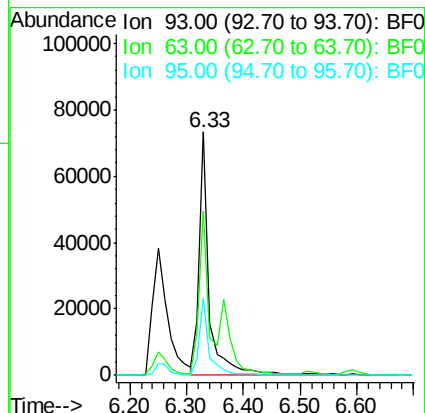
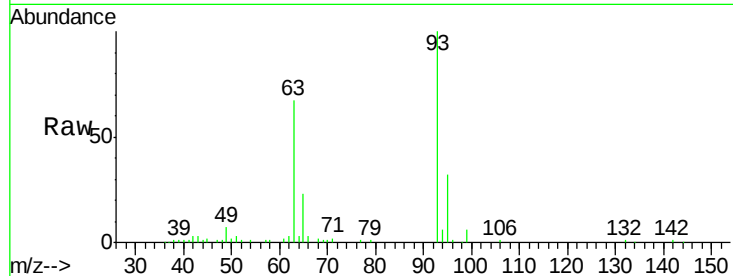
Tgt Ion: 93 Resp: 92088

Ion Ratio Lower Upper

93 100

63 67.5 47.3 87.3

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 18.18 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

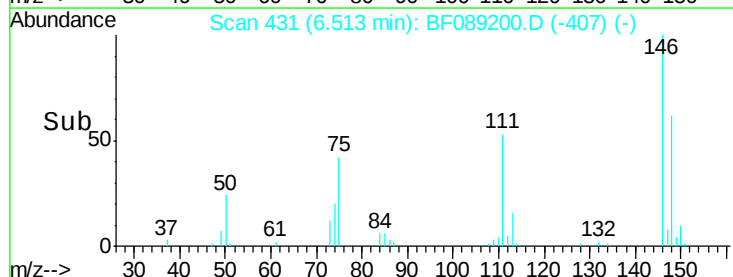
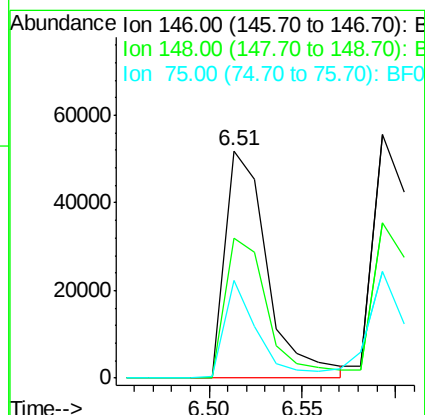
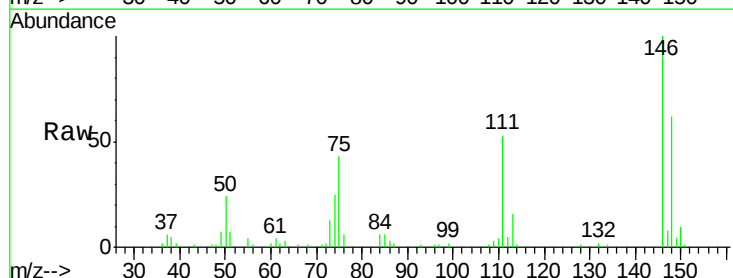
Tgt Ion: 146 Resp: 82765

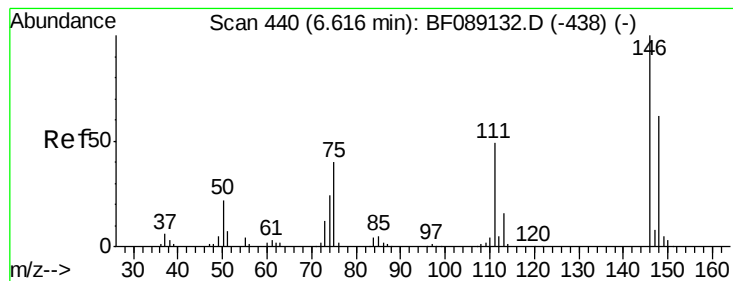
Ion Ratio Lower Upper

146 100

148 61.8 51.0 76.6

75 42.9 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 19.55 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

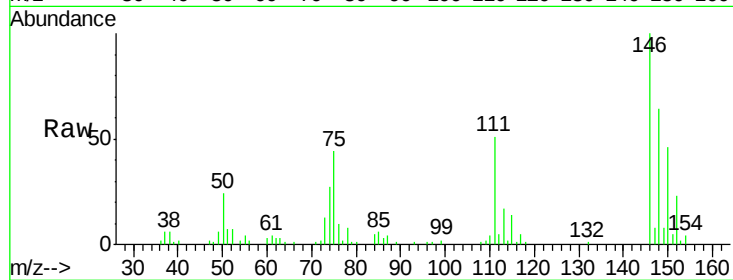
Tgt Ion:146 Resp: 89649

Ion Ratio Lower Upper

146 100

148 63.9 49.9 74.9

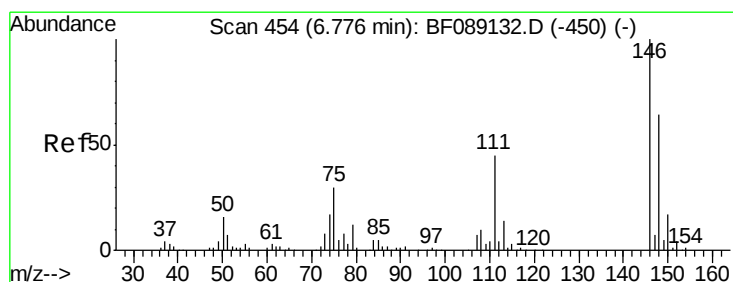
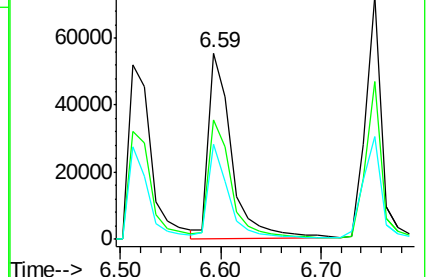
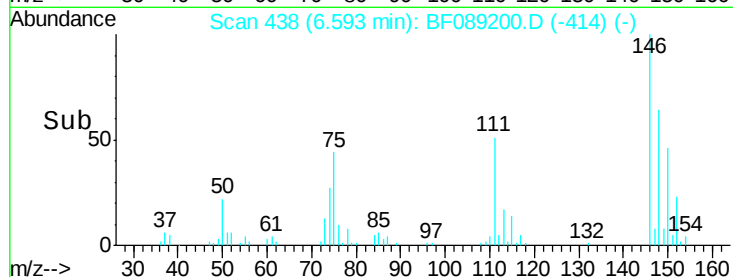
111 51.2 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 19.39 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

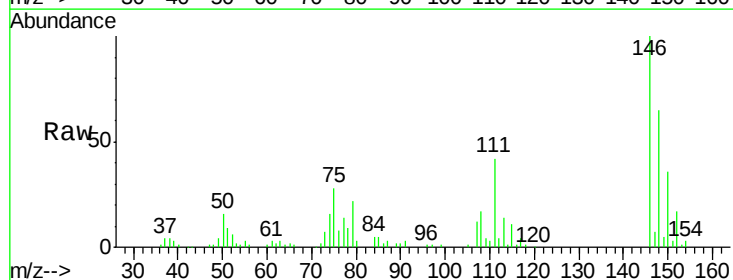
Tgt Ion:146 Resp: 83825

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

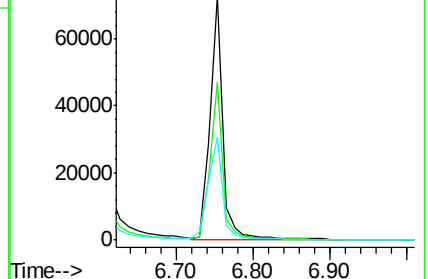
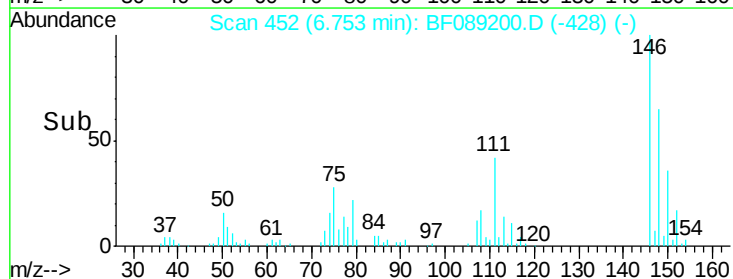
111 42.4 35.9 53.9

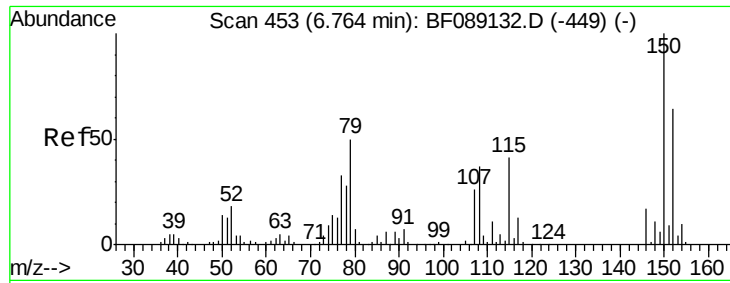


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

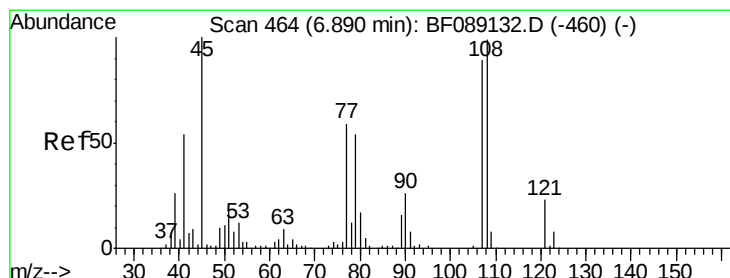
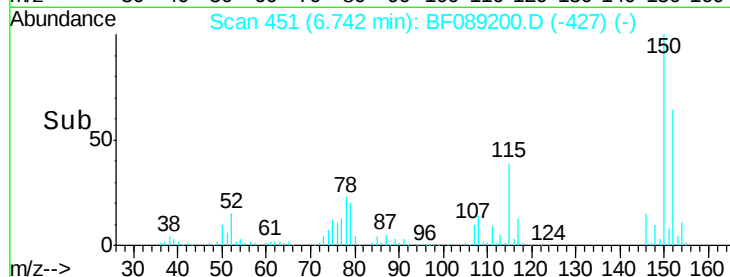
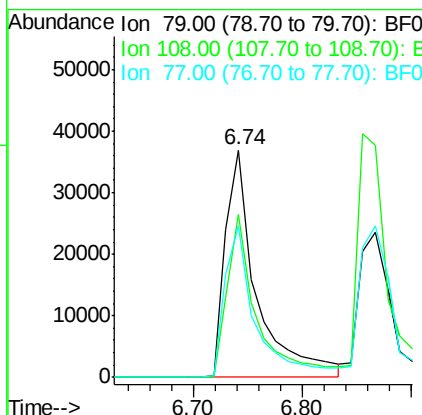
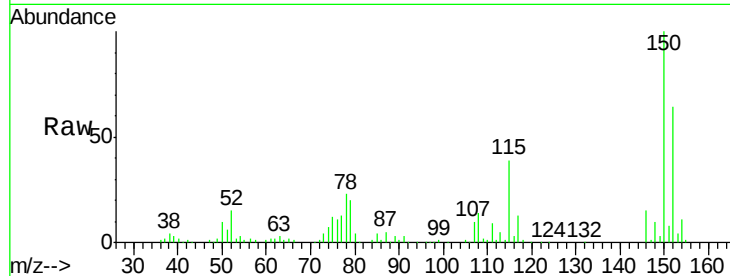




#15
Benzyl Alcohol
Concen: 20.99 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

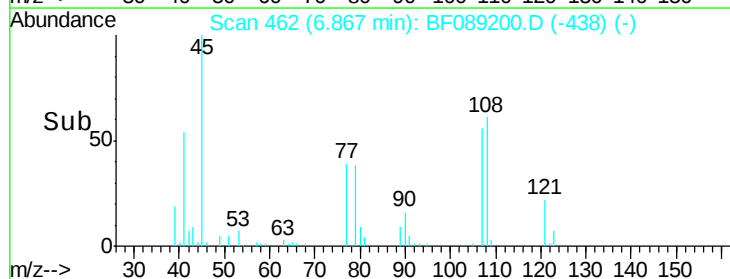
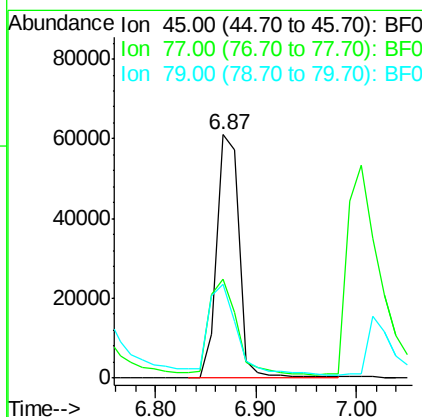
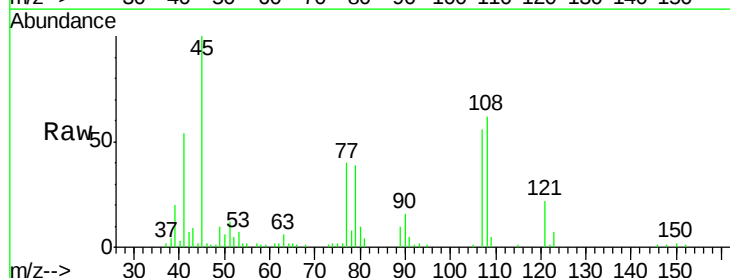
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

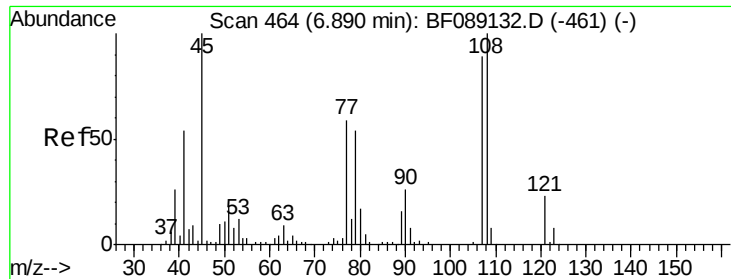
Tgt Ion: 79 Resp: 73654
Ion Ratio Lower Upper
79 100
108 71.6 58.2 87.4
77 66.6 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.07 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 45 Resp: 94806
Ion Ratio Lower Upper
45 100
77 40.5 39.7 79.7
79 38.5 34.7 74.7

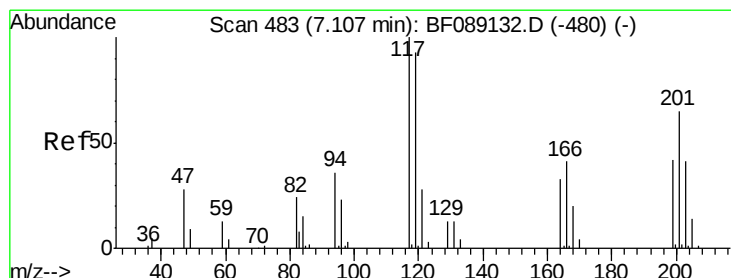
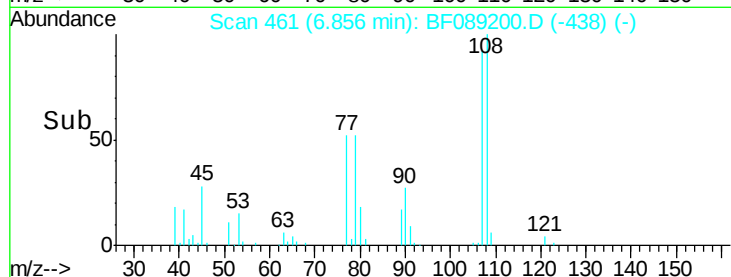
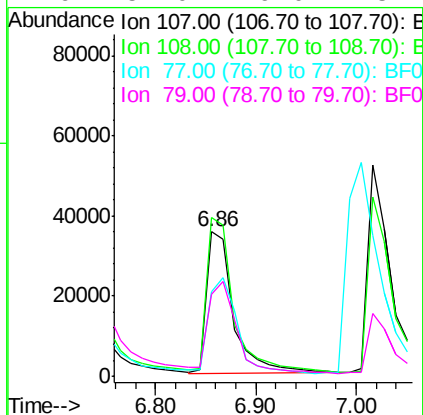
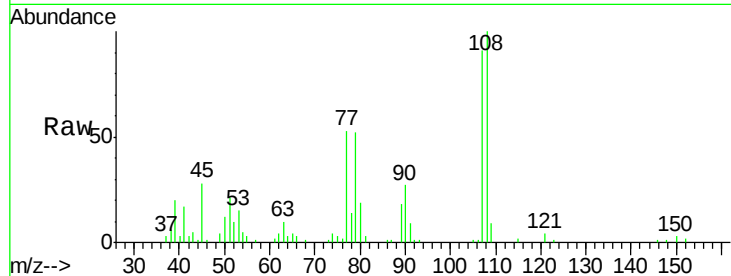




#17
2-Methylphenol
Concen: 20.43 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

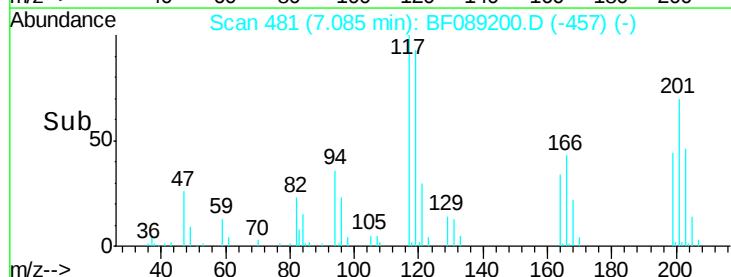
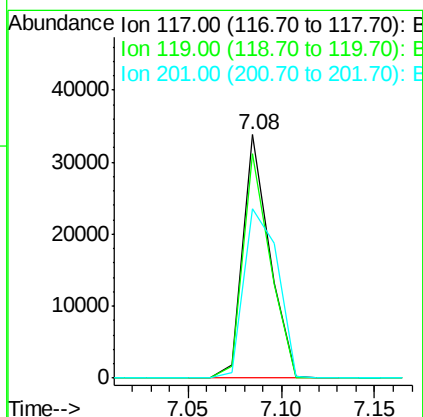
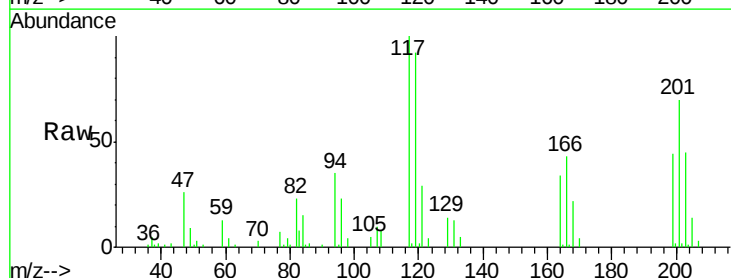
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

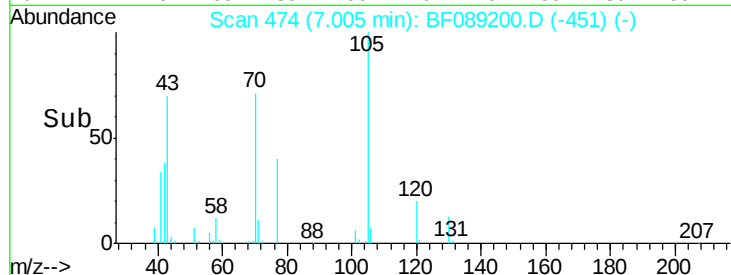
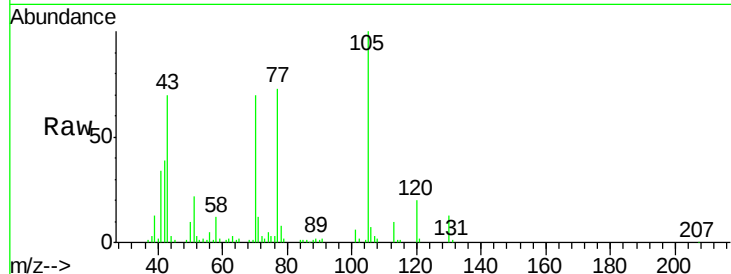
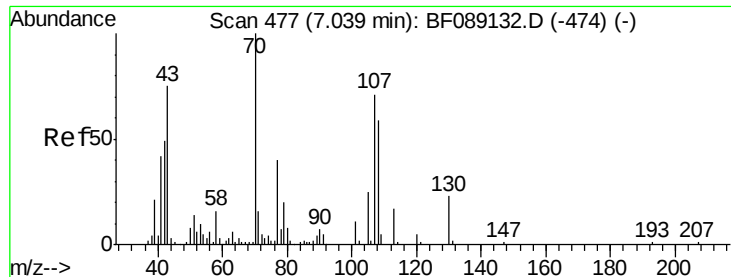
Tgt Ion:107 Resp: 66343
Ion Ratio Lower Upper
107 100
108 109.7 89.4 134.2
77 58.6 53.4 80.0
79 57.0 49.0 73.4



#18
Hexachloroethane
Concen: 19.61 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:117 Resp: 33791
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
201 69.6 51.8 77.6

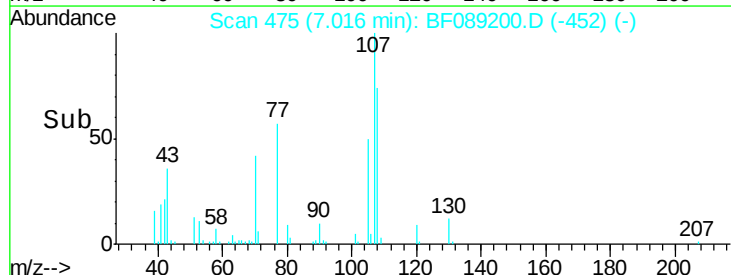
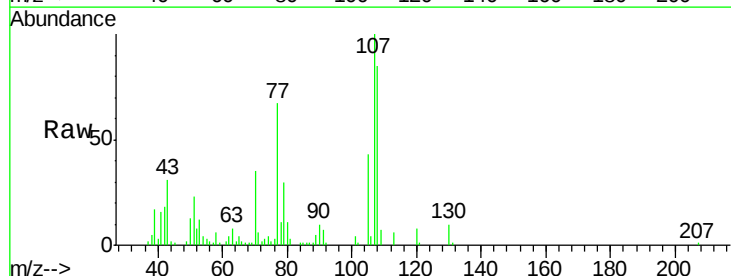
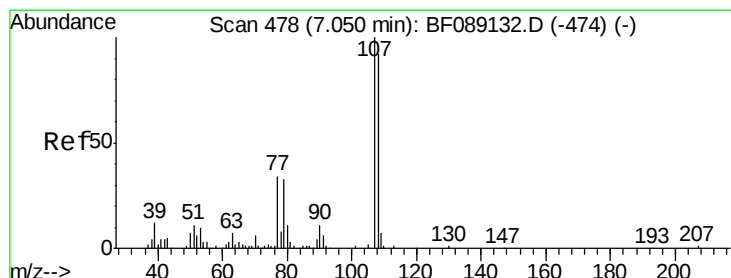
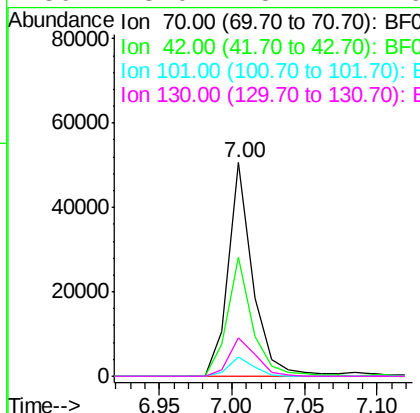




#19
n-Nitroso-di-n-propylamine
Concen: 19.13 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

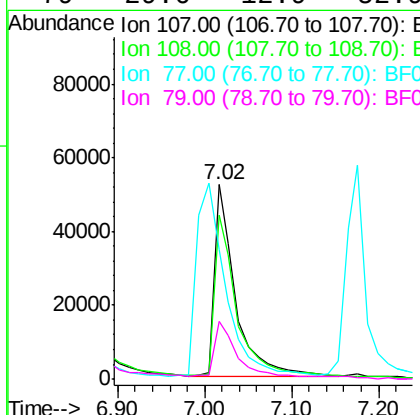
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

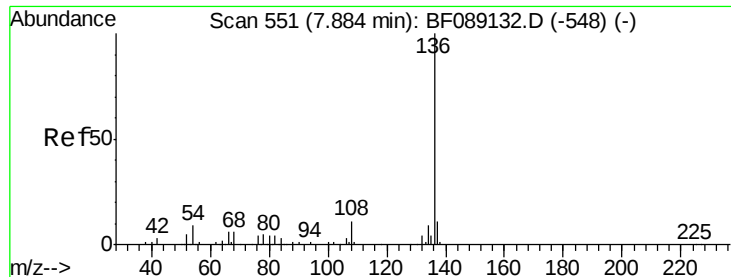
Tgt Ion: 70 Resp: 59955
Ion Ratio Lower Upper
70 100
42 56.0 39.2 58.8
101 8.9 8.5 12.7
130 18.0 18.4 27.6#



#20
3+4-Methylphenols
Concen: 19.79 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 107 Resp: 87243
Ion Ratio Lower Upper
107 100
108 84.5 72.5 112.5
77 66.7 17.7 57.7#
79 29.6 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:136 Resp: 241600

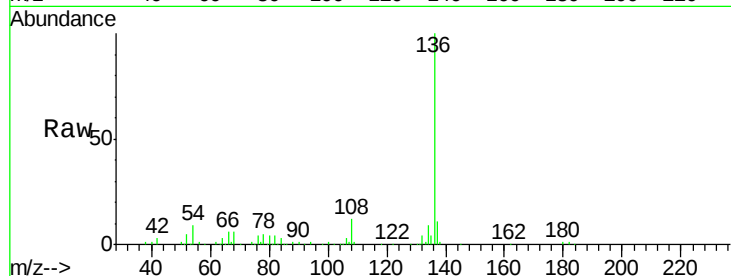
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.8 7.0 10.4

68 6.3 5.0 7.6

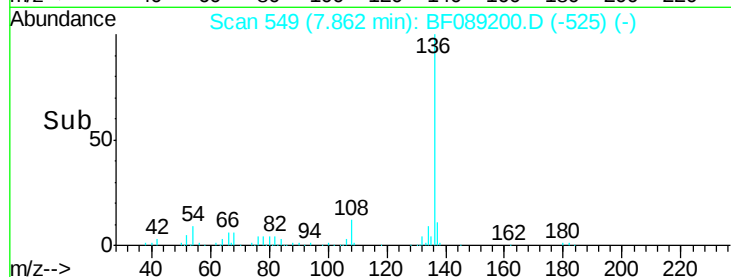


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

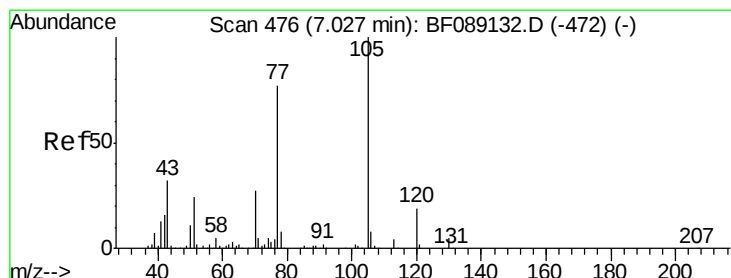
Ion 68.00 (67.70 to 68.70): BF0



Abundance

7.86

Time-->



#22

Acetophenone

Concen: 19.53 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:105 Resp: 126008

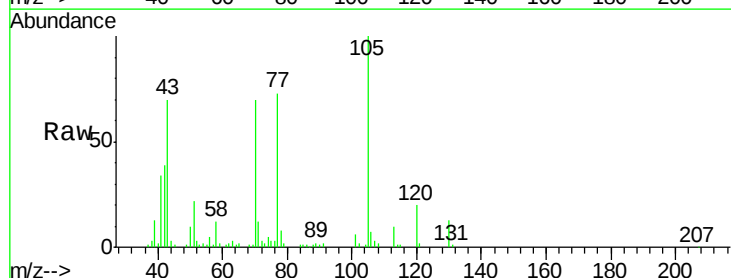
Ion Ratio Lower Upper

105 100

71 11.6 3.8 5.6#

51 22.5 19.6 29.4

120 19.7 15.5 23.3

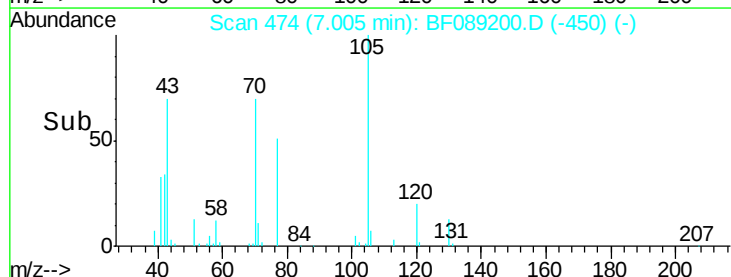


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

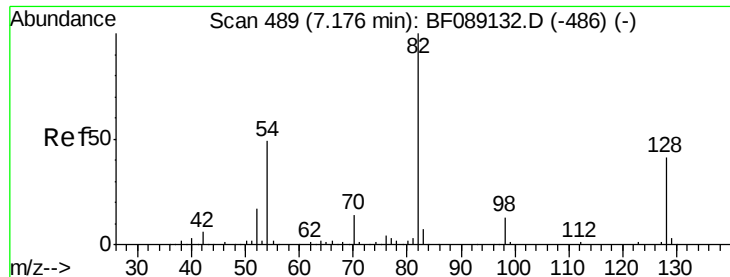
Ion 120.00 (119.70 to 120.70): E



Abundance

7.00

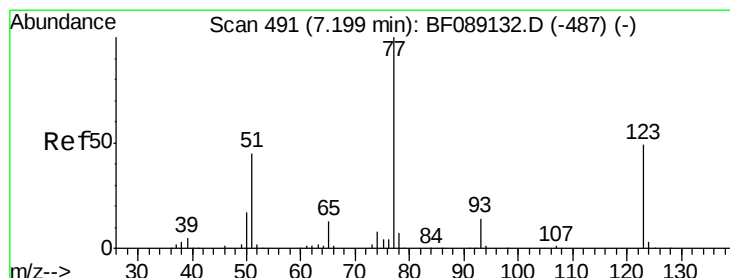
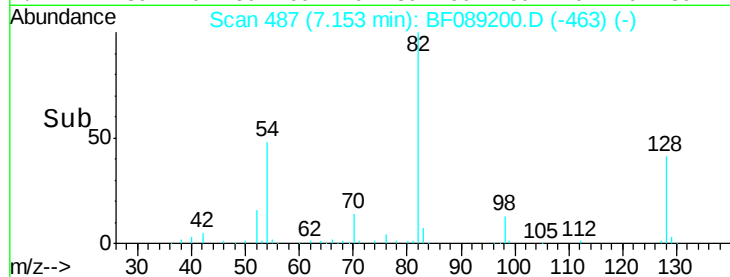
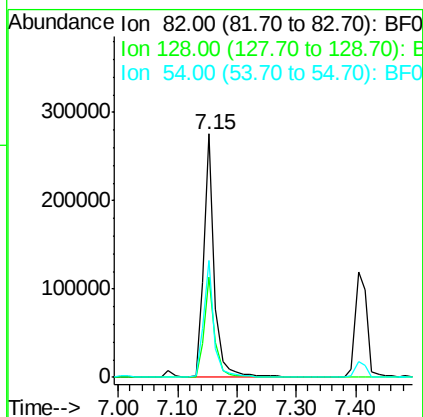
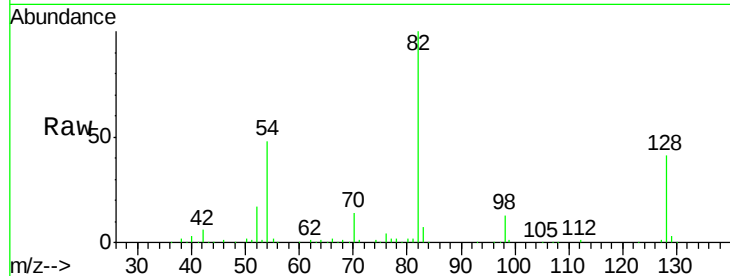
Time-->



#23
 Nitrobenzene-d5
 Concen: 78.14 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

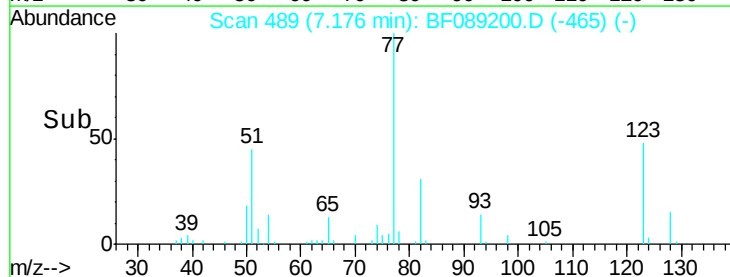
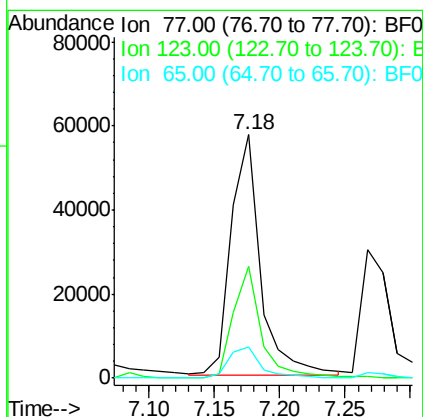
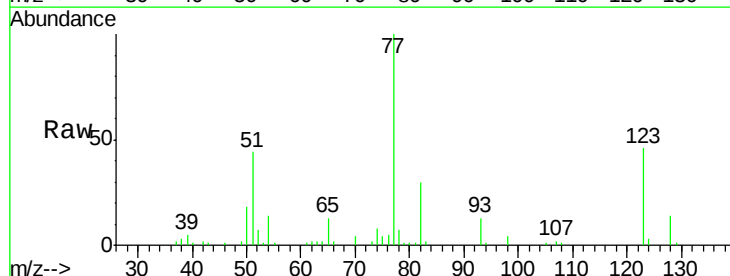
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

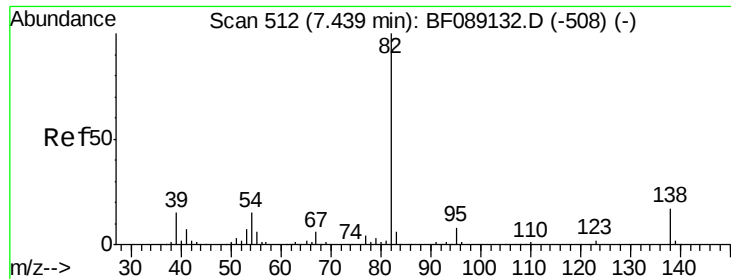
Tgt Ion: 82 Resp: 355284
 Ion Ratio Lower Upper
 82 100
 128 40.9 33.0 49.6
 54 48.2 39.0 58.4



#24
 Nitrobenzene
 Concen: 18.60 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion: 77 Resp: 89194
 Ion Ratio Lower Upper
 77 100
 123 46.0 38.9 58.3
 65 12.8 10.6 15.8





#25

Isophorone

Concen: 19.40 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

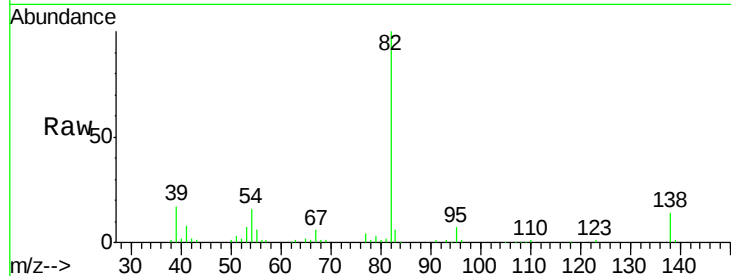
Tgt Ion: 82 Resp: 162548

Ion Ratio Lower Upper

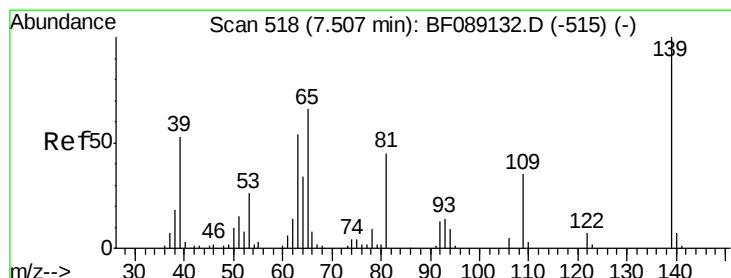
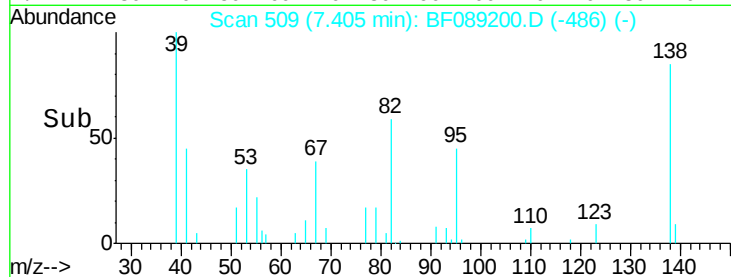
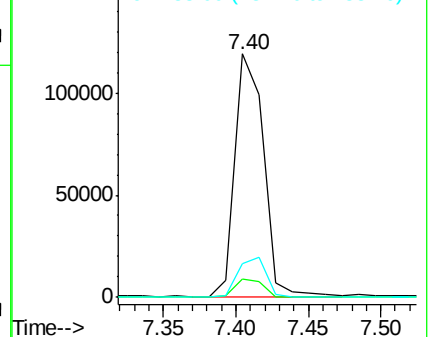
82 100

95 7.3 6.1 9.1

138 13.8 13.6 20.4



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: 19.22 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

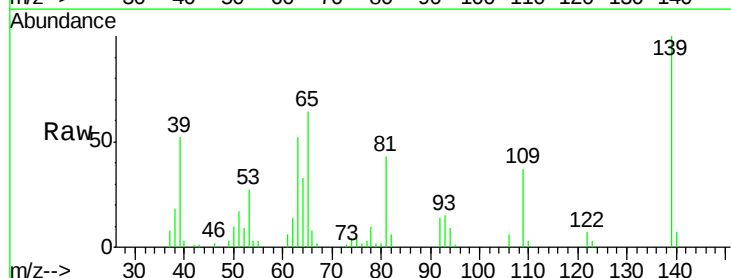
Tgt Ion: 139 Resp: 42992

Ion Ratio Lower Upper

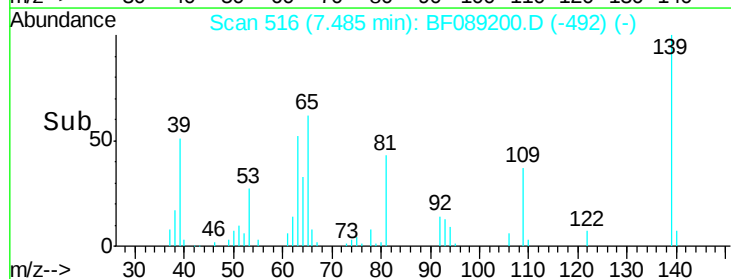
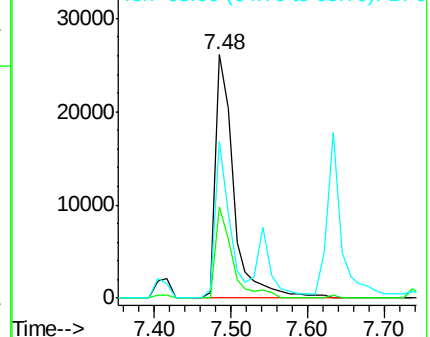
139 100

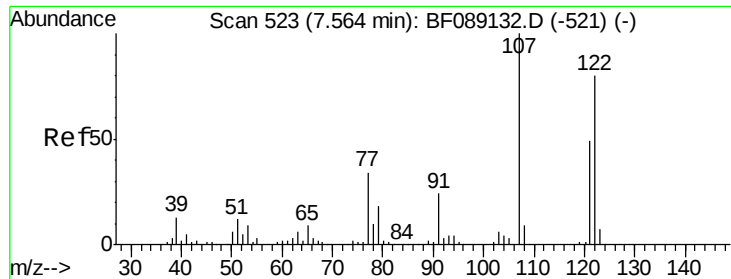
109 37.3 28.1 42.1

65 64.2 52.7 79.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 18.76 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

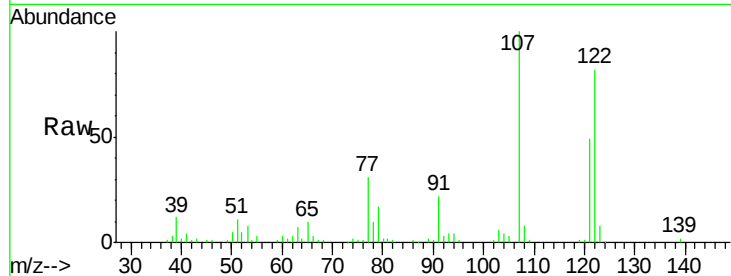
Tgt Ion:122 Resp: 70711

Ion Ratio Lower Upper

122 100

107 121.8 99.7 149.5

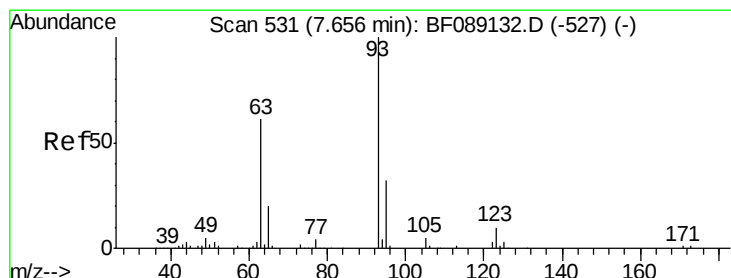
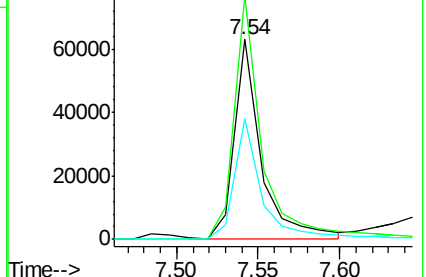
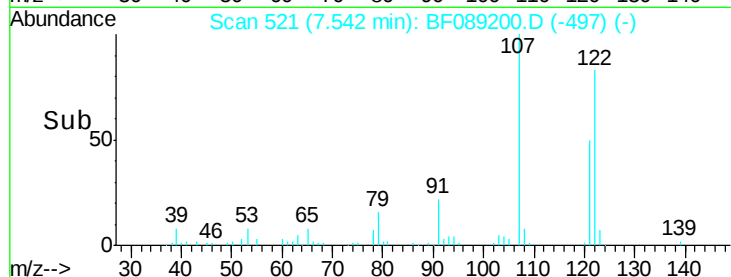
121 60.1 48.5 72.7



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: 20.75 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

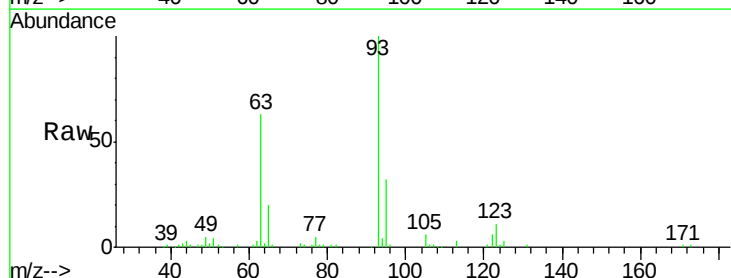
Tgt Ion: 93 Resp: 108762

Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.0

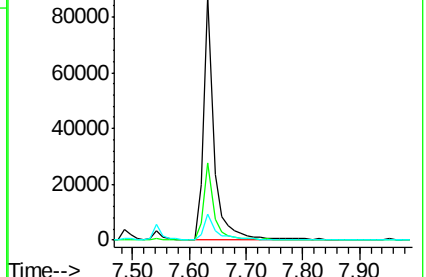
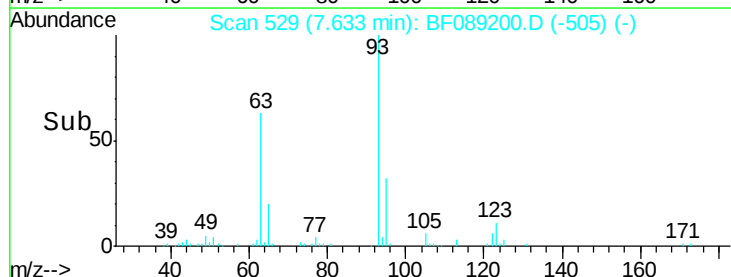
123 10.6 8.3 12.5

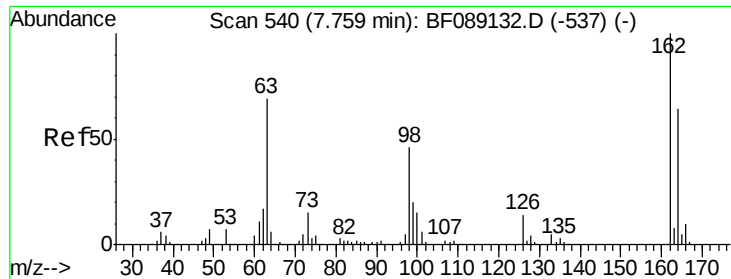


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

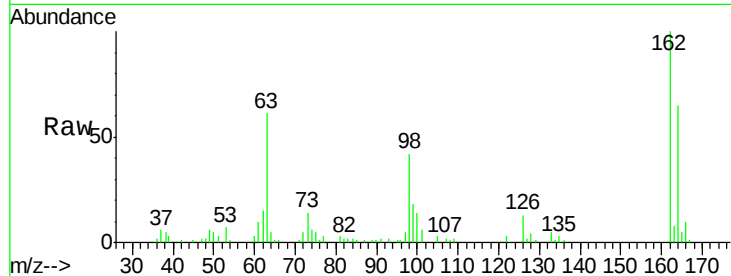




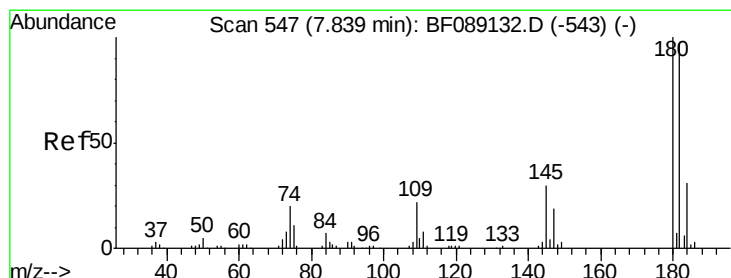
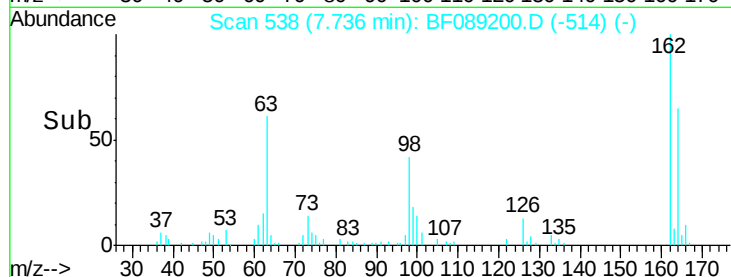
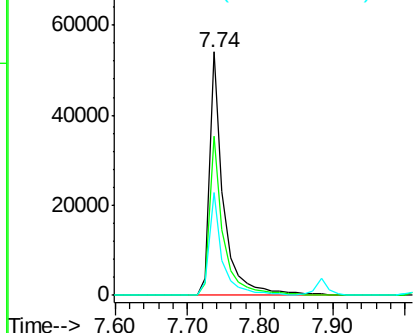
#29
 2,4-Dichlorophenol
 Concen: 20.94 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:162 Resp: 71103
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.0 84.0
 98 42.4 26.0 66.0

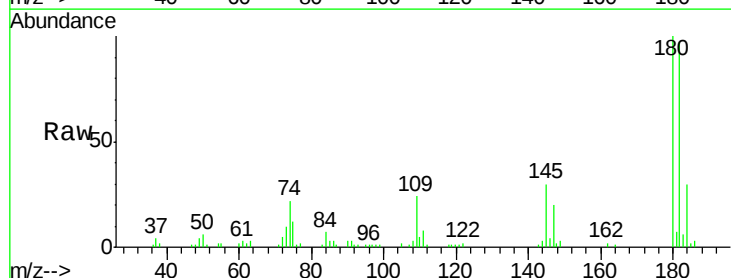


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

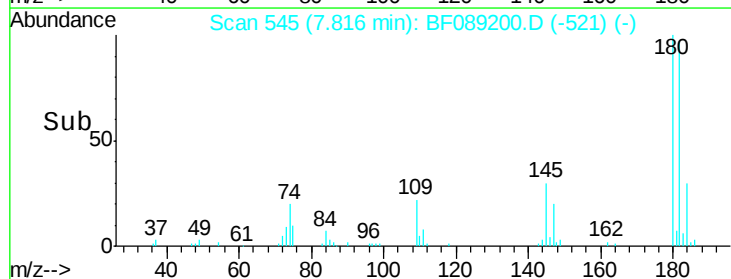
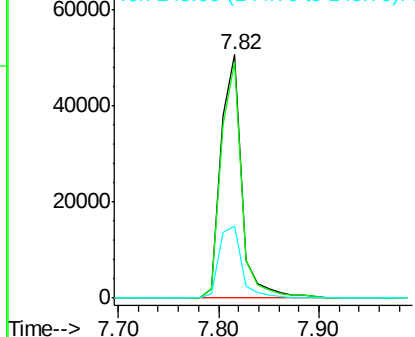


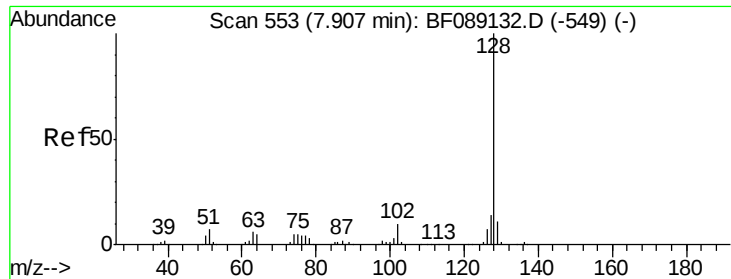
#30
 1,2,4-Trichlorobenzene
 Concen: 19.33 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:180 Resp: 72668
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.6 116.4
 145 29.6 24.0 36.0



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

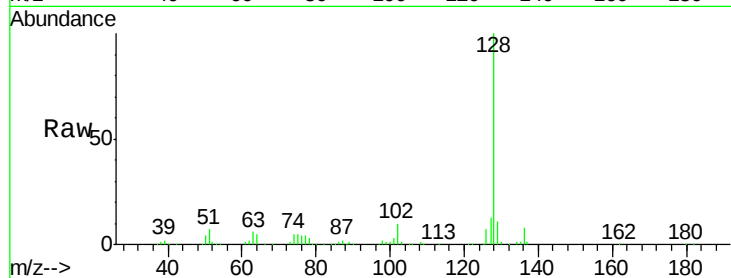




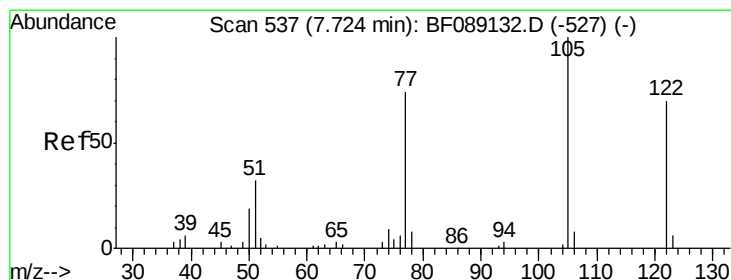
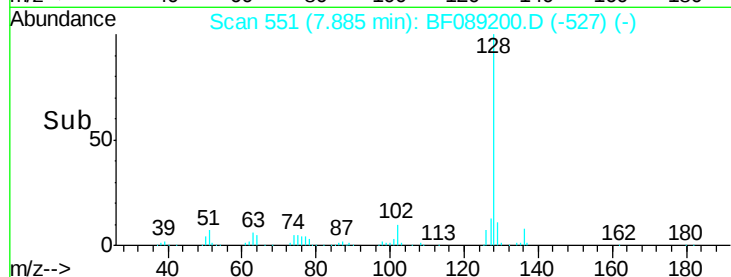
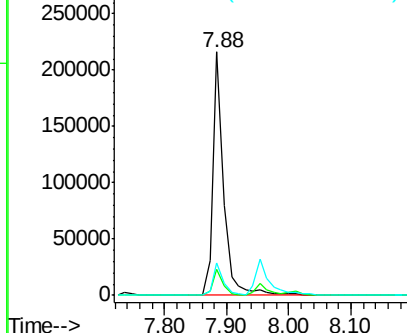
#31
Naphthalene
Concen: 19.71 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:128 Resp: 257015
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.5 10.8 16.2

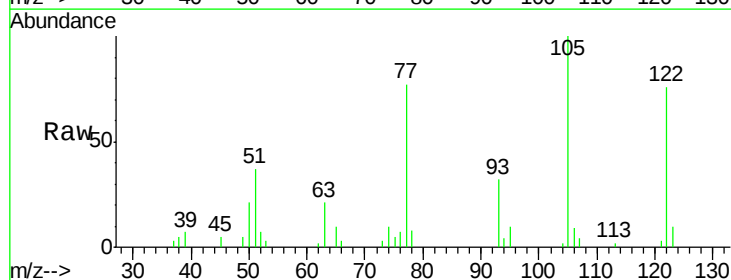


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

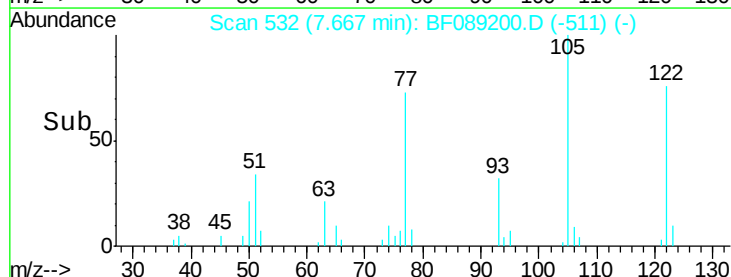
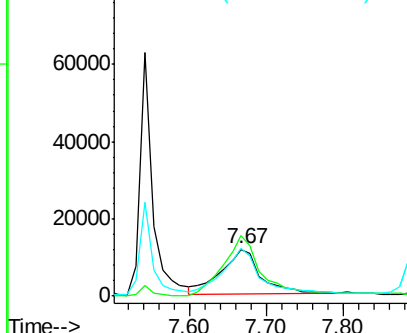


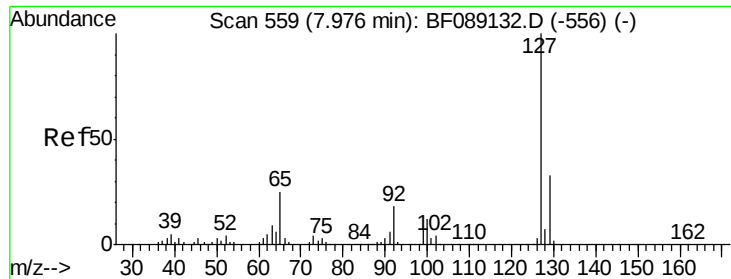
#32
Benzoic acid
Concen: 14.59 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:122 Resp: 42295
Ion Ratio Lower Upper
122 100
105 131.1 119.0 159.0
77 101.5 84.7 124.7



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

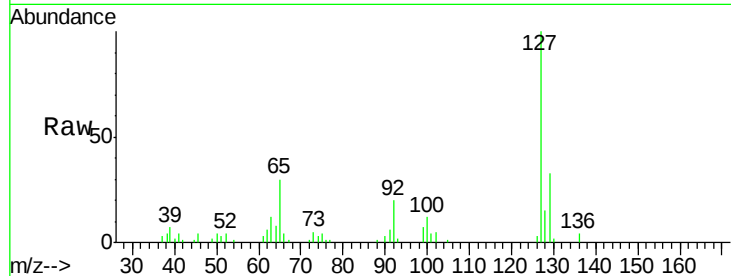




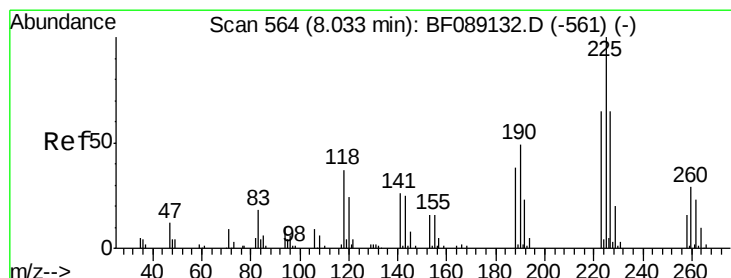
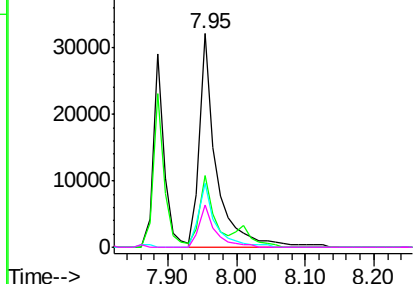
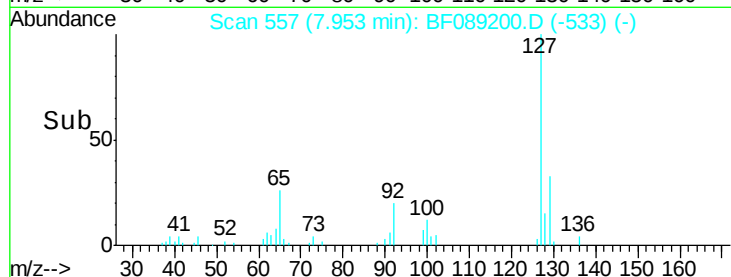
#33
4-Chloroaniline
Concen: 9.92 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	127	Resp:	54391
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	29.8	19.7	29.5#
92	19.9	14.3	21.5

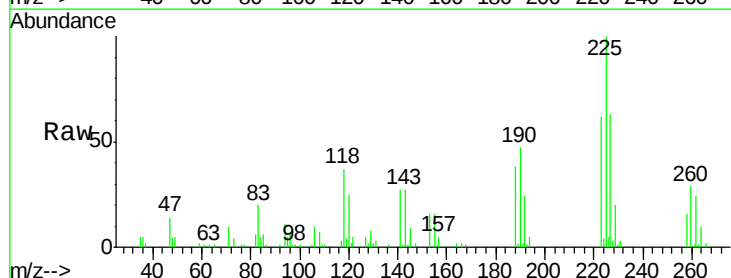


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

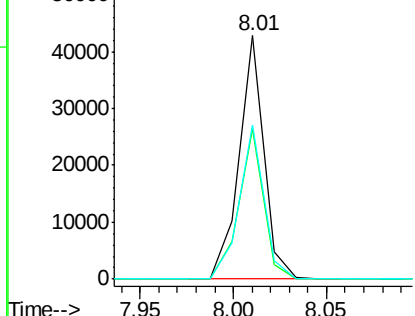
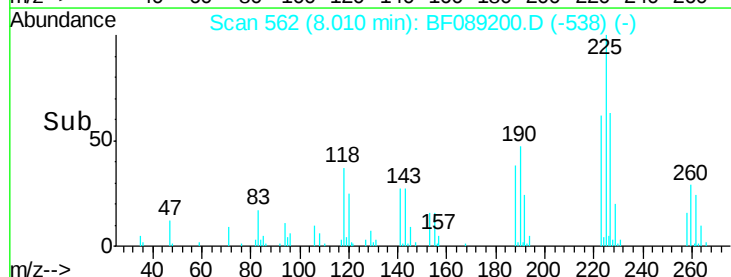


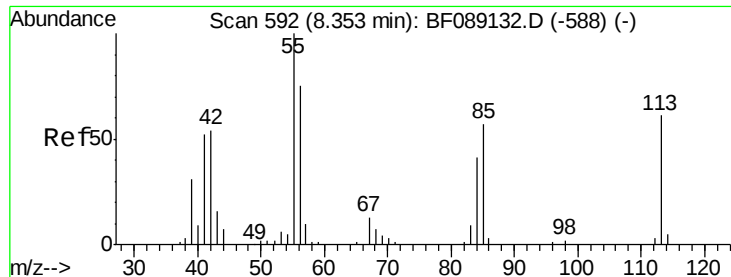
#34
Hexachlorobutadiene
Concen: 19.06 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:	225	Resp:	39889
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.6	77.4
227	63.1	51.6	77.4



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

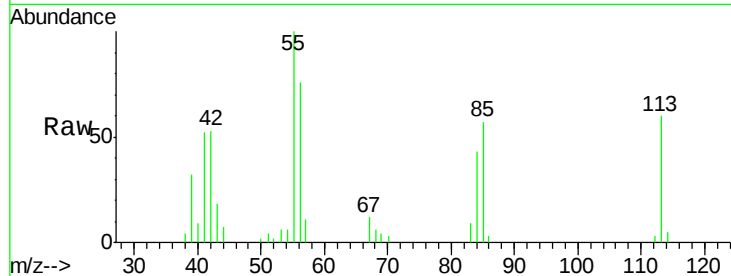




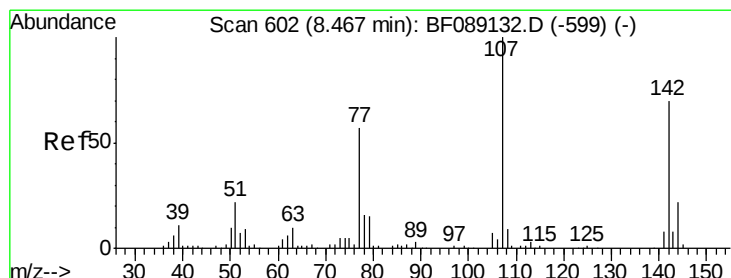
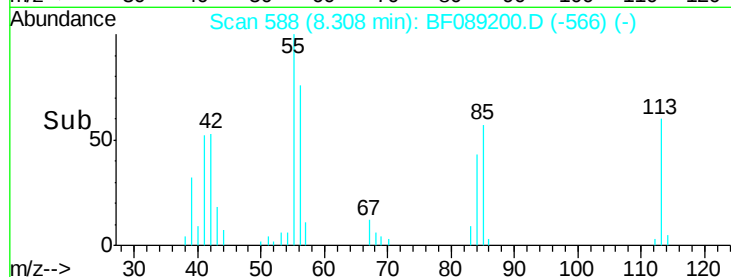
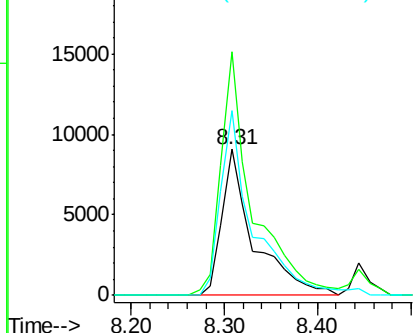
#35
 Caprolactam
 Concen: 20.53 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:113 Resp: 21657
 Ion Ratio Lower Upper
 113 100
 55 166.8 145.3 185.3
 56 126.8 104.3 144.3

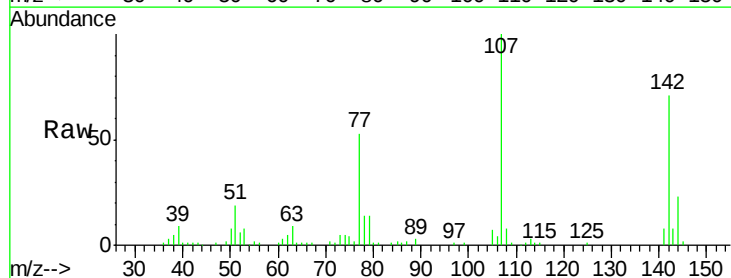


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

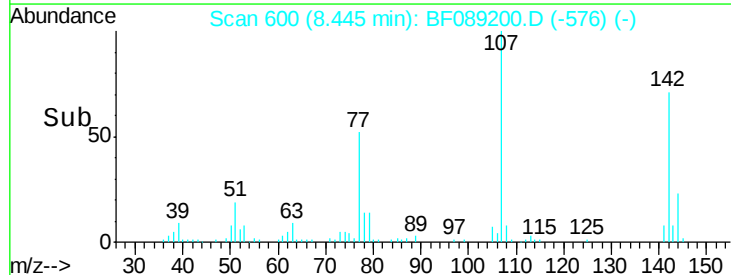
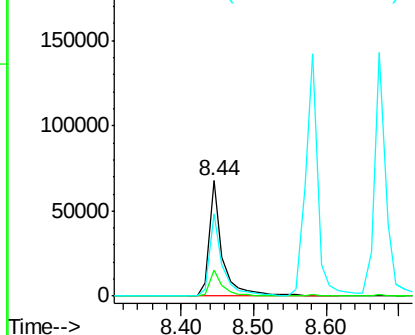


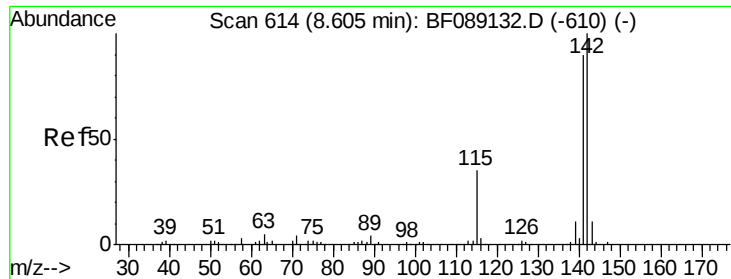
#36
 4-Chloro-3-methylphenol
 Concen: 20.69 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:107 Resp: 84651
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.8 26.6
 142 71.0 56.1 84.1



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

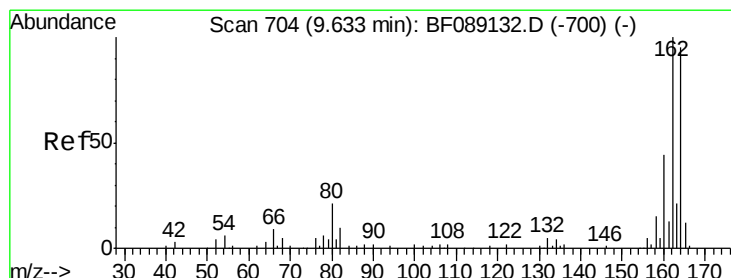
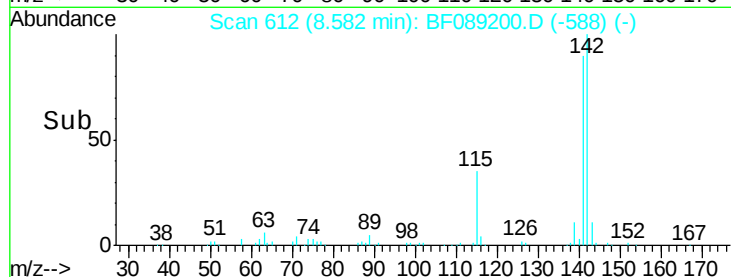
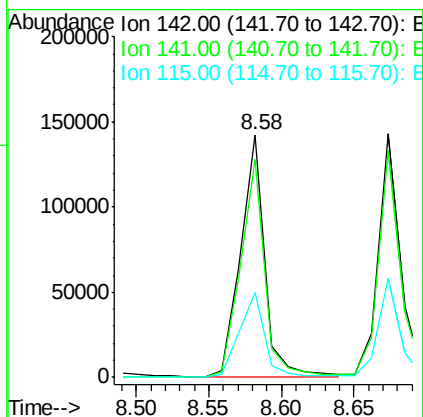
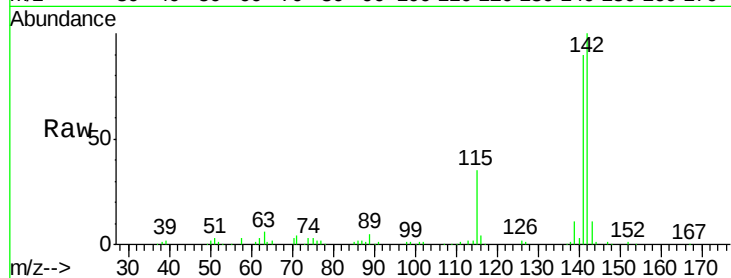




#37
2-Methylnaphthalene
Concen: 19.94 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

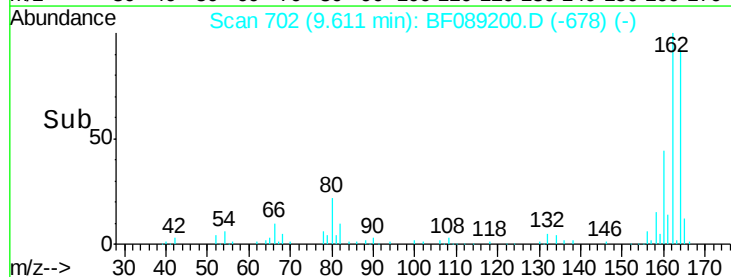
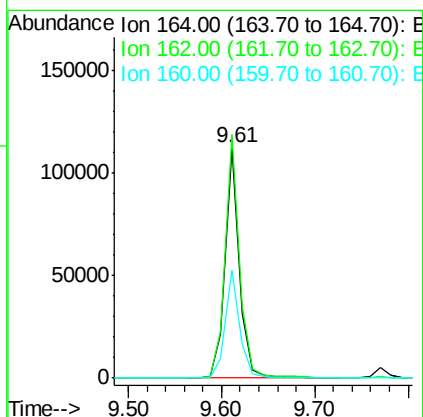
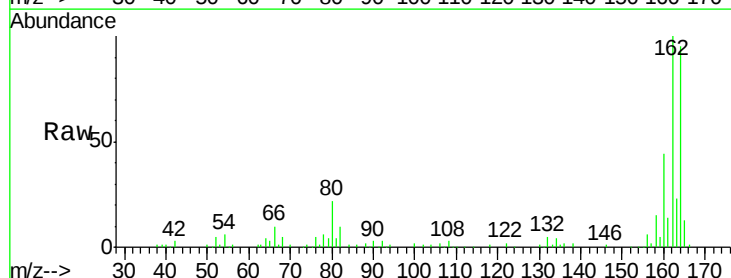
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

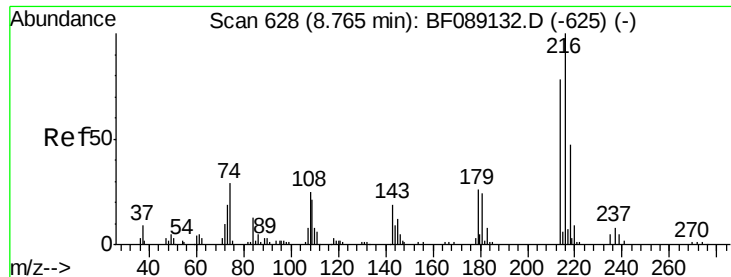
Tgt Ion:142 Resp: 165777
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4
115 34.8 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:164 Resp: 120144
Ion Ratio Lower Upper
164 100
162 105.8 84.1 126.1
160 46.8 37.1 55.7

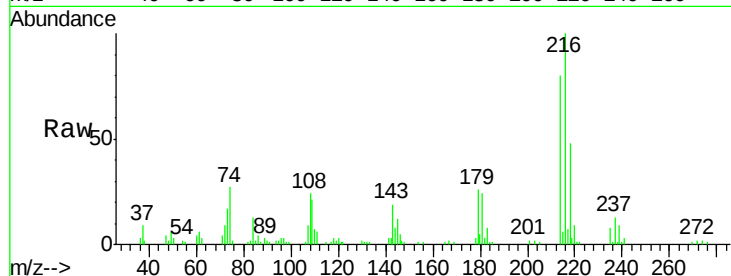




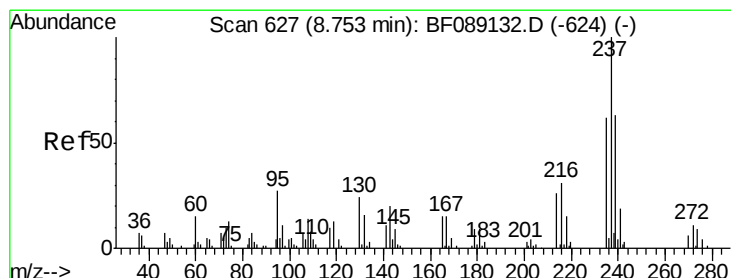
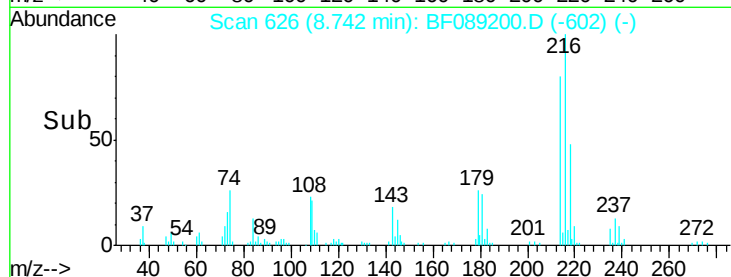
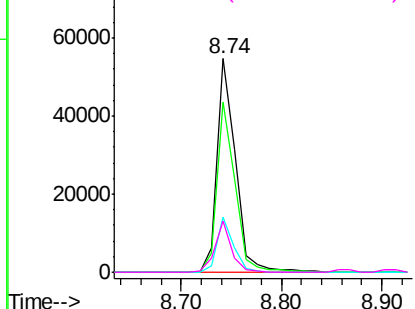
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.63 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:	216	Resp:	69802
Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
179	23.0	18.4	27.6
108	21.5	17.0	25.6

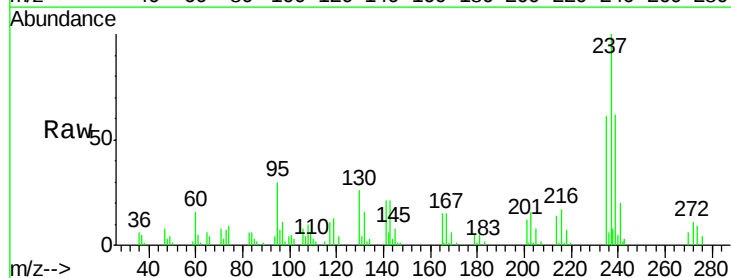


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

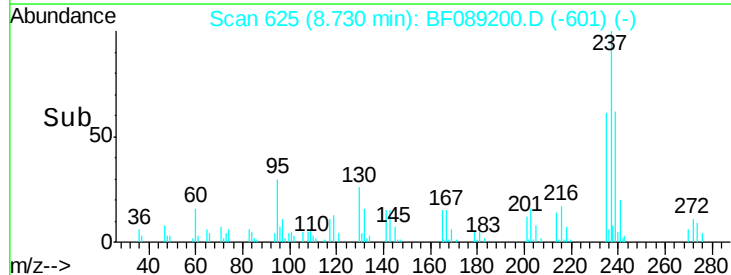
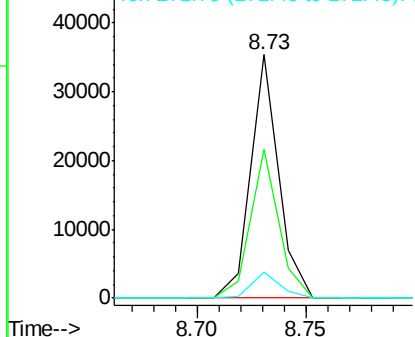


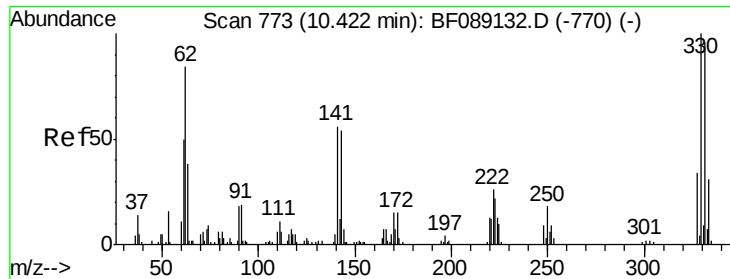
#40
 Hexachlorocyclopentadiene
 Concen: 27.27 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:	237	Resp:	31460
Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.1	82.1
272	10.9	0.0	31.4



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

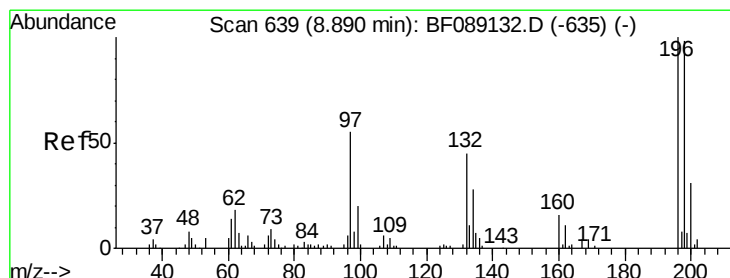
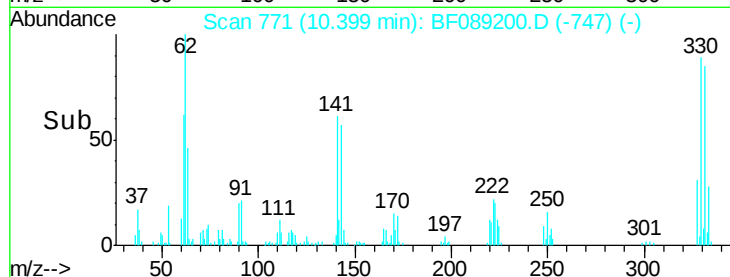
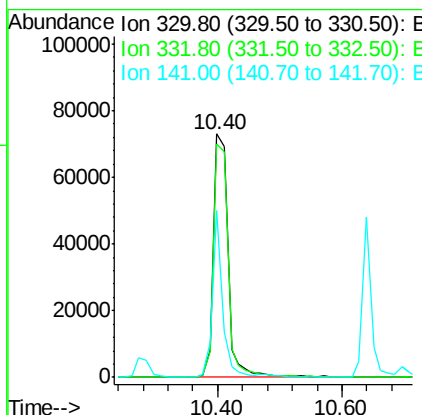
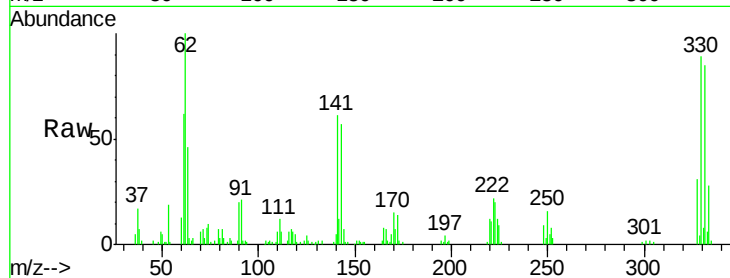




#41
 2,4,6-Tribromophenol
 Concen: 109.04 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

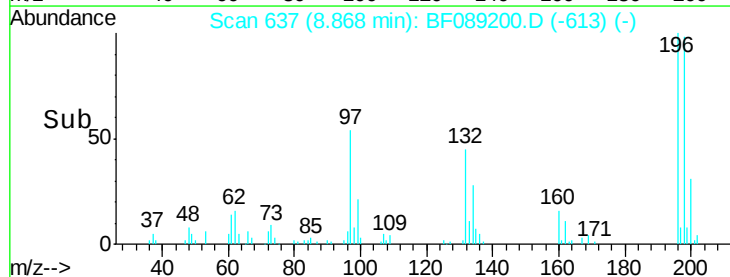
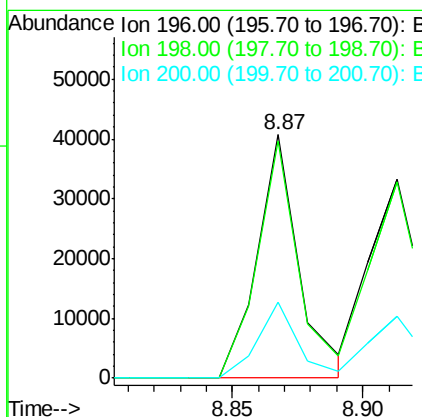
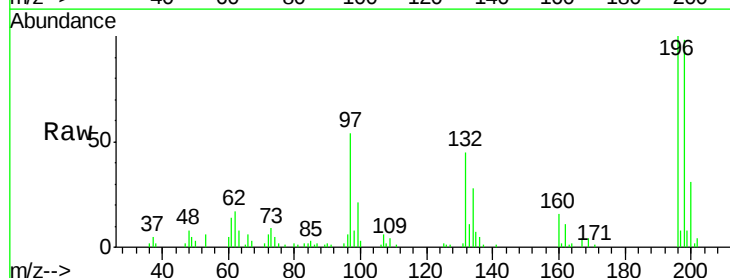
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

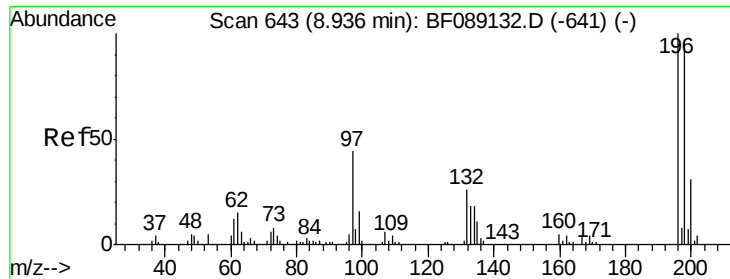
Tgt Ion:330 Resp: 117945
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 48.6 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 18.20 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:196 Resp: 45480
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.3 117.5
 200 30.9 25.0 37.4

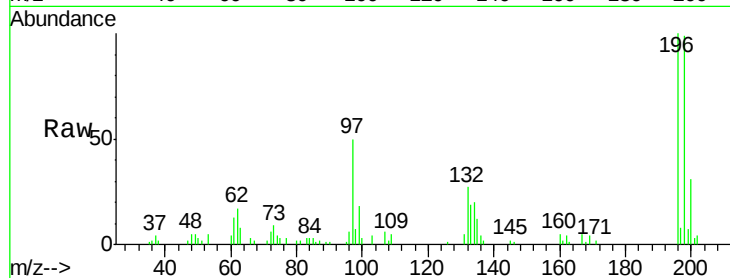




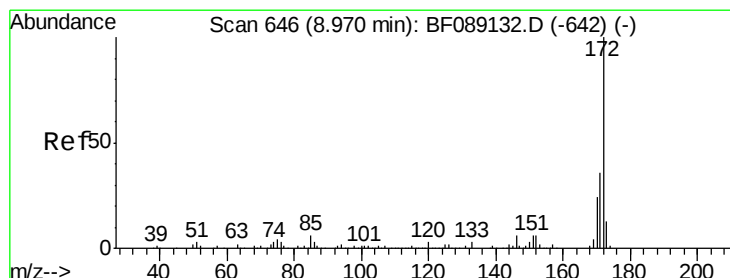
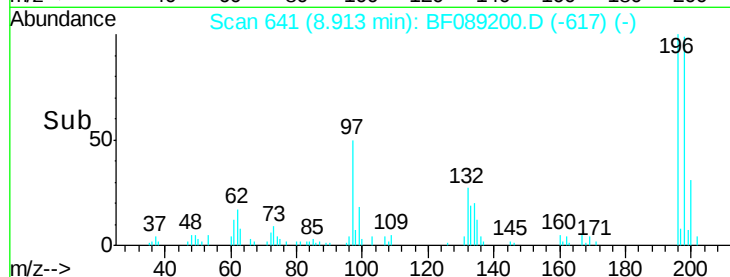
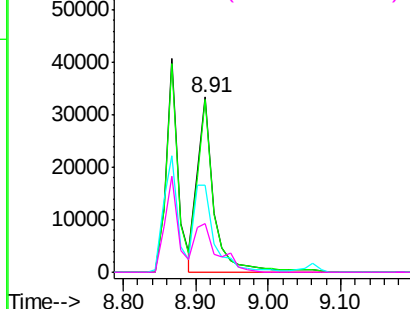
#43
 2,4,5-Trichlorophenol
 Concen: 21.36 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 53593
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.6 116.4
 97 50.0 36.5 54.7
 132 27.5 21.2 31.8

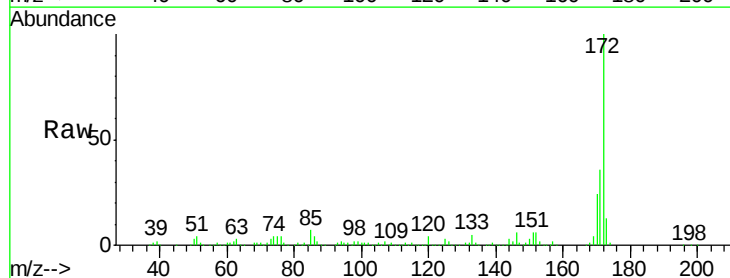


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

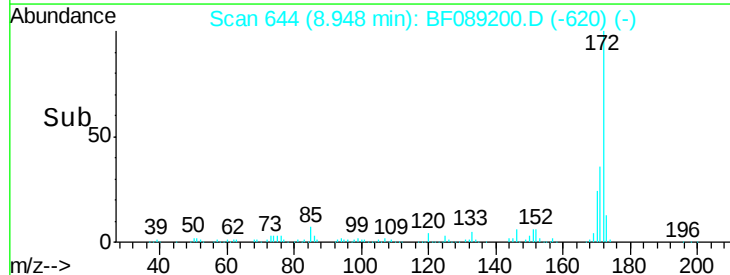
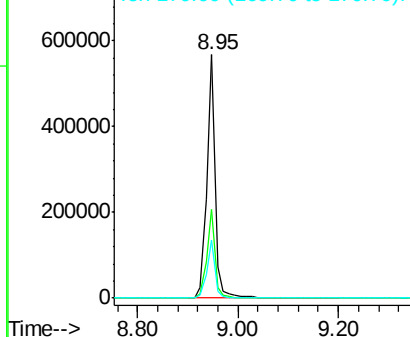


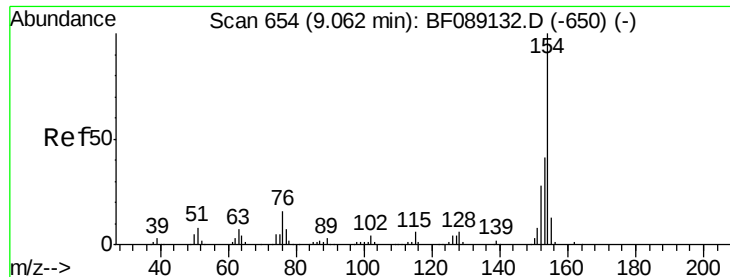
#44
 2-Fluorobiphenyl
 Concen: 74.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:172 Resp: 652062
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.9 19.1 28.7



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

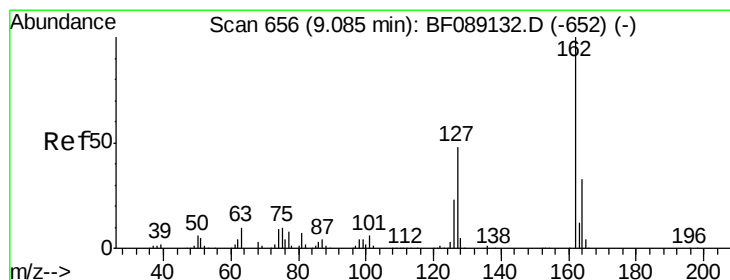
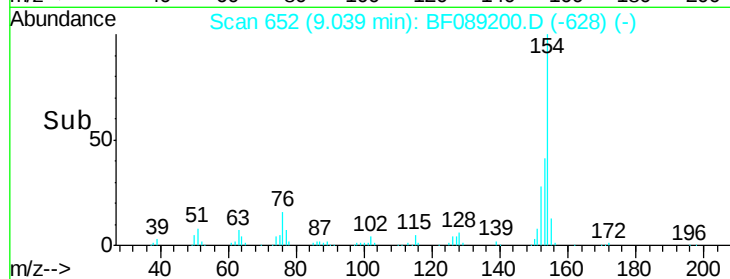
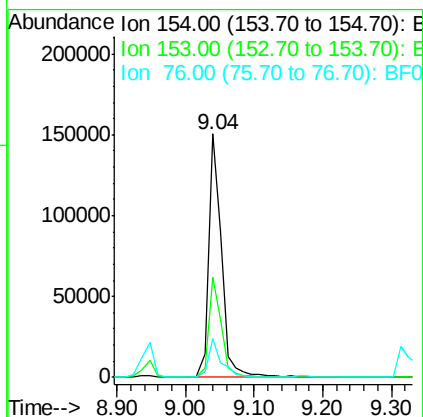
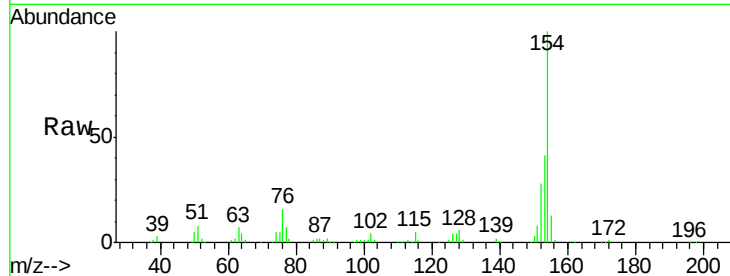




#45
 1,1'-Biphenyl
 Concen: 18.17 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

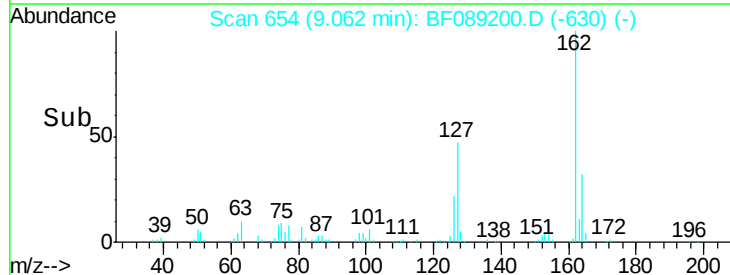
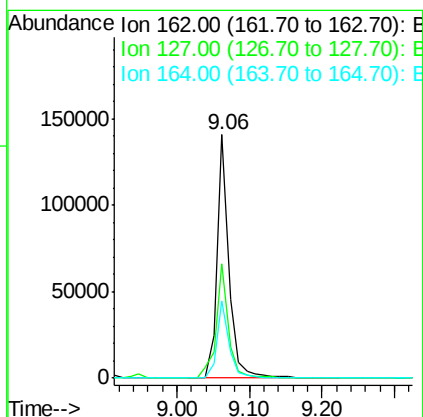
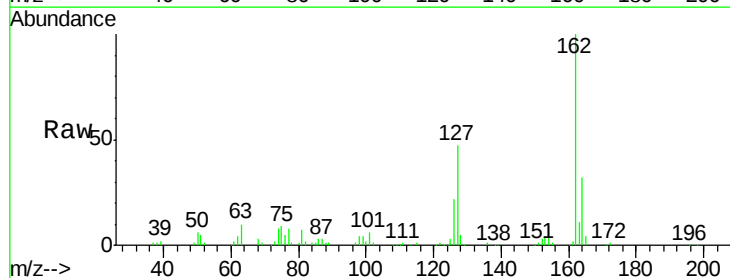
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

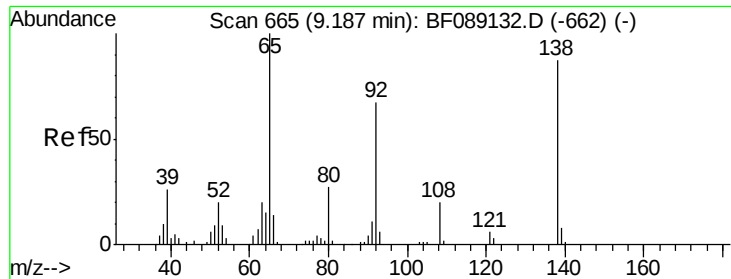
Tgt Ion:154 Resp: 196584
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.1 61.1
 76 15.7 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 19.50 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:162 Resp: 160354
 Ion Ratio Lower Upper
 162 100
 127 46.7 38.1 57.1
 164 31.7 26.1 39.1

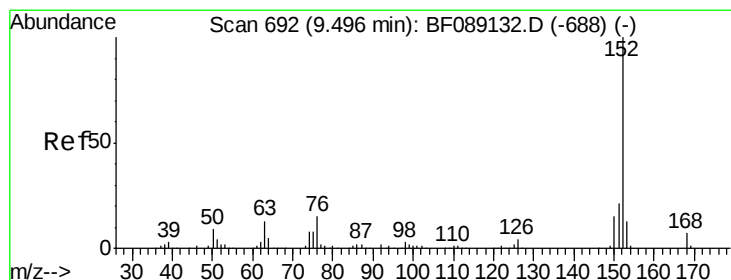
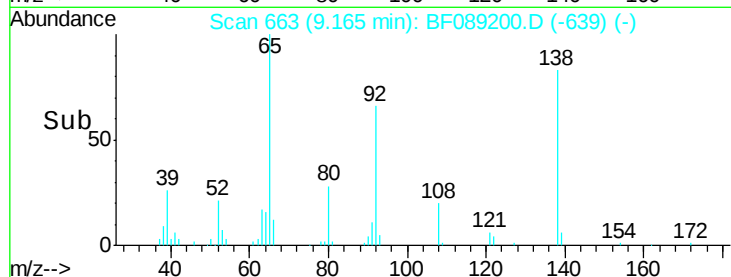
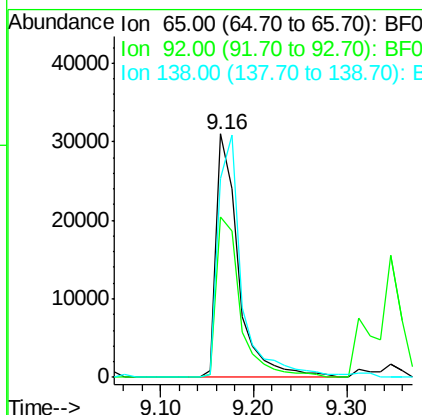
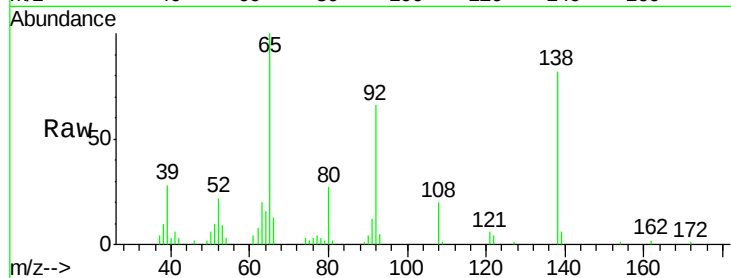




#47
2-Nitroaniline
Concen: 18.15 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

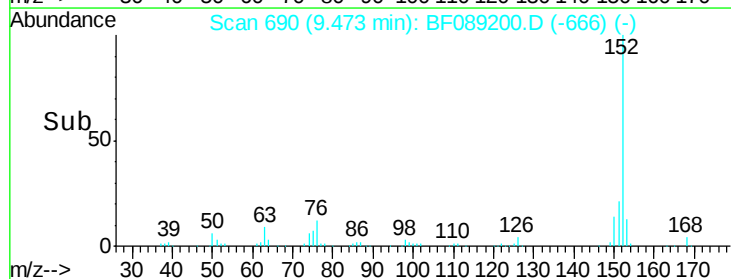
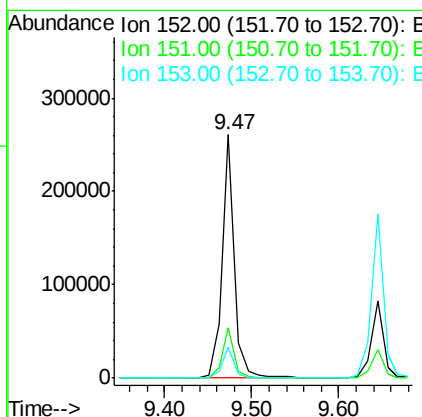
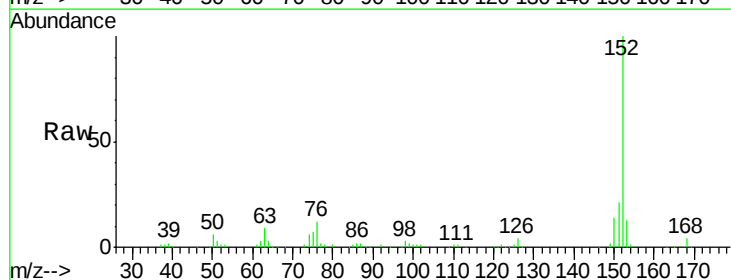
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

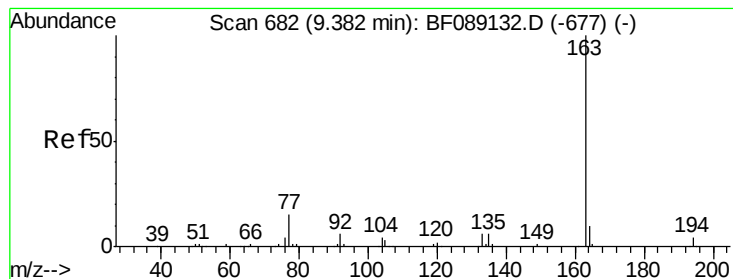
Tgt Ion: 65 Resp: 51195
Ion Ratio Lower Upper
65 100
92 65.7 53.2 79.8
138 81.9 69.4 104.2



#48
Acenaphthylene
Concen: 20.05 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 152 Resp: 259205
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 19.71 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

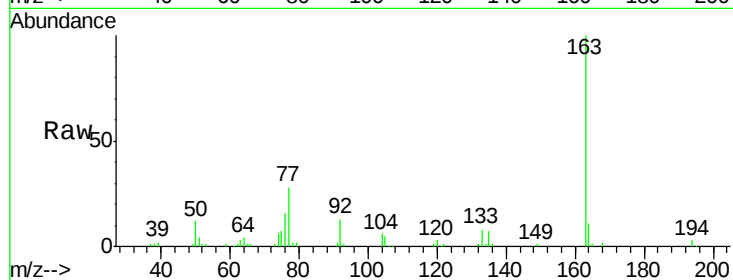
Tgt Ion:163 Resp: 181687

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

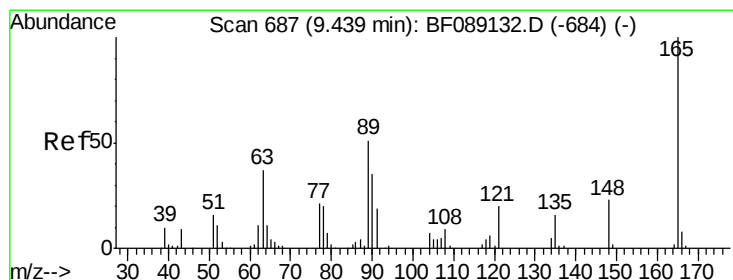
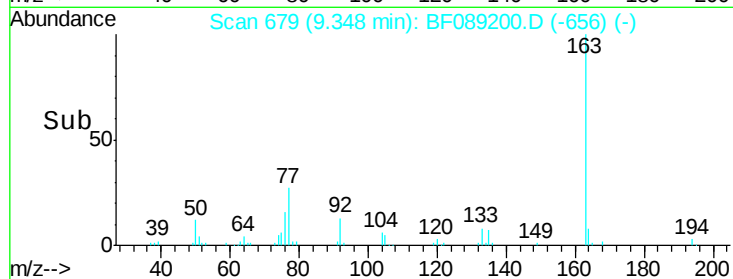
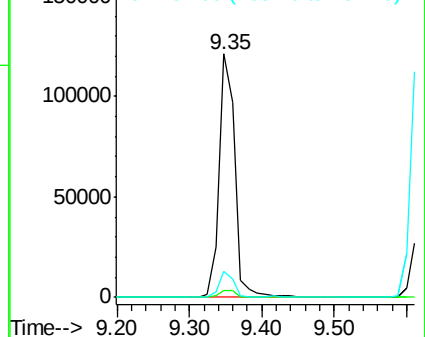
164 10.8 7.6 11.4



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: 19.45 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

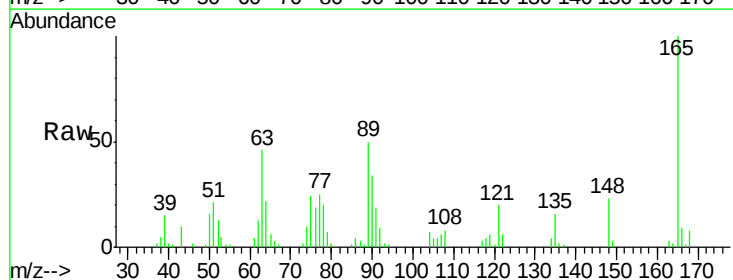
Tgt Ion:165 Resp: 40492

Ion Ratio Lower Upper

165 100

63 45.9 37.0 55.4

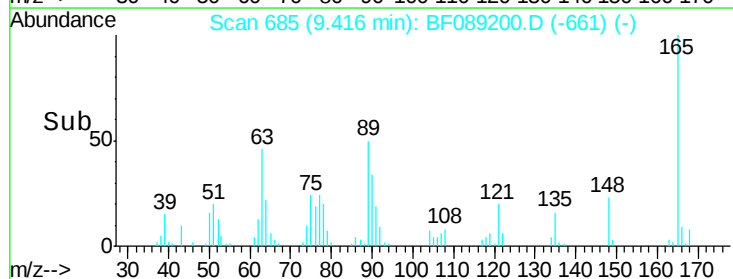
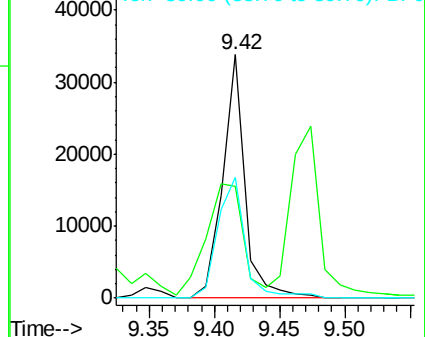
89 49.8 40.9 61.3

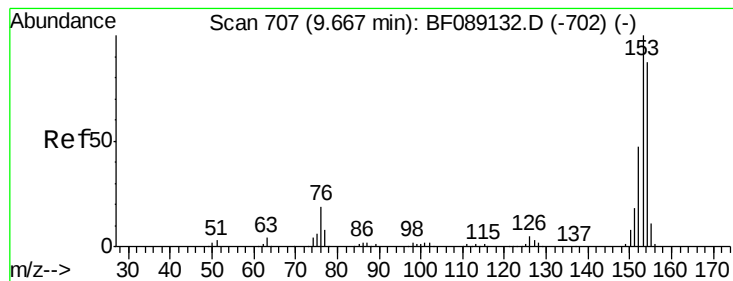


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 19.52 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

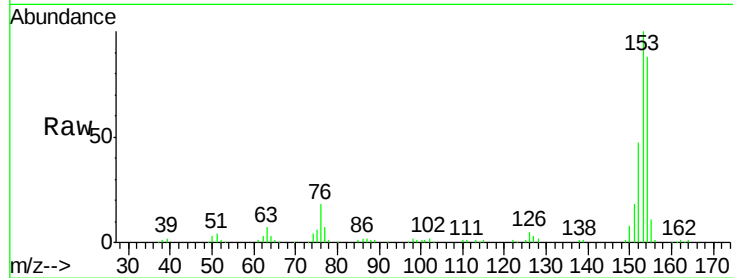
Tgt Ion:154 Resp: 149233

Ion Ratio Lower Upper

154 100

153 113.9 91.9 137.9

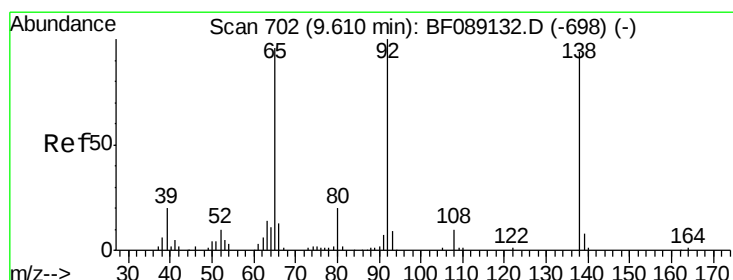
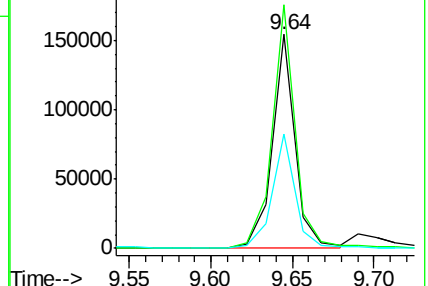
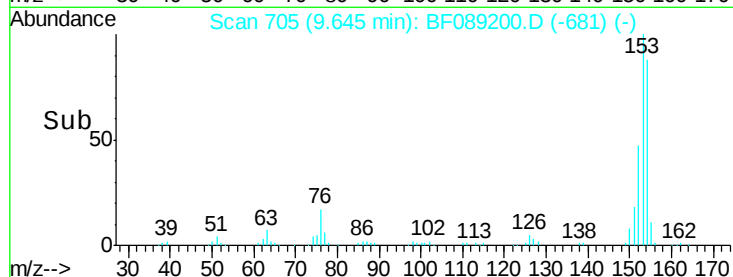
152 53.4 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.28 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

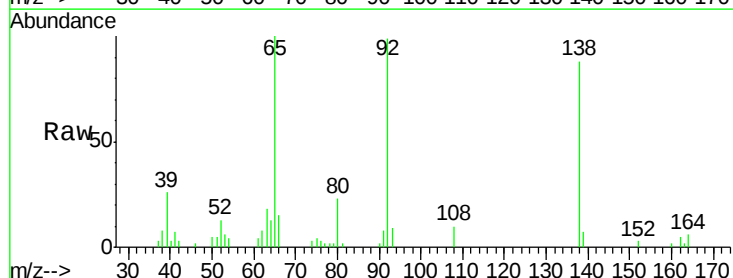
Tgt Ion:138 Resp: 27889

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

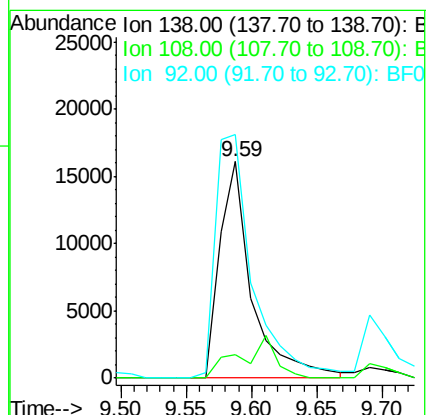
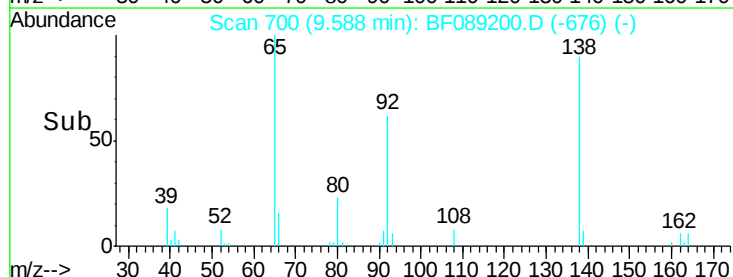
92 112.6 85.3 127.9

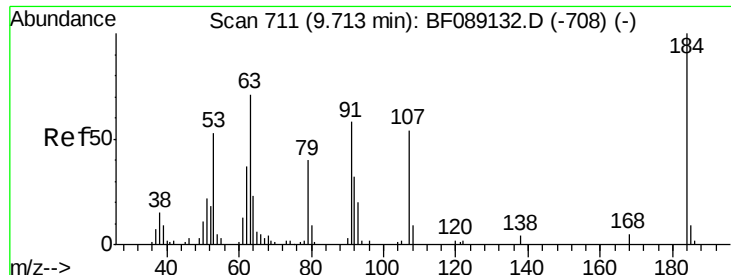


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

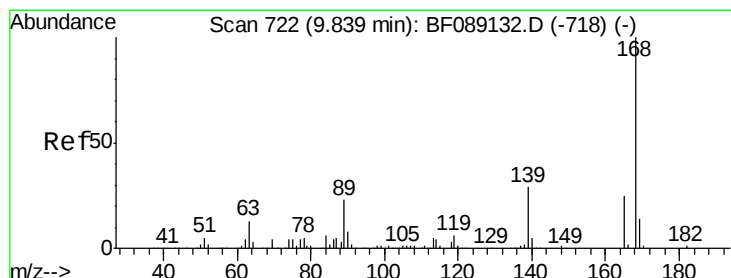
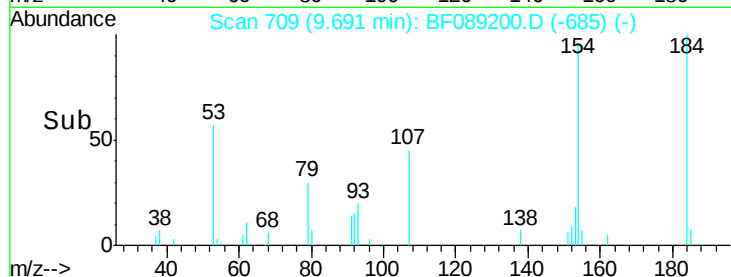
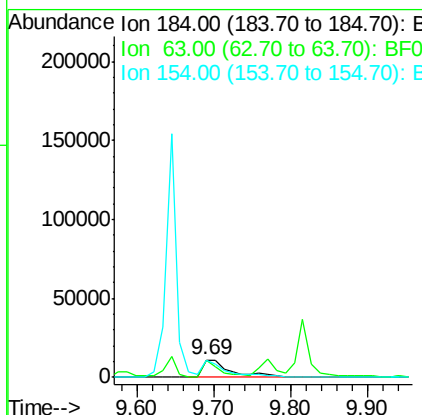
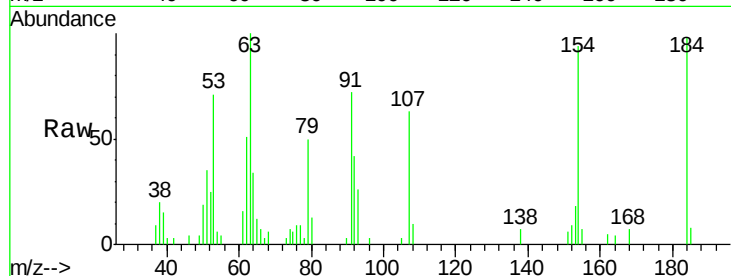




#53
2,4-Dinitrophenol
Concen: 31.64 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

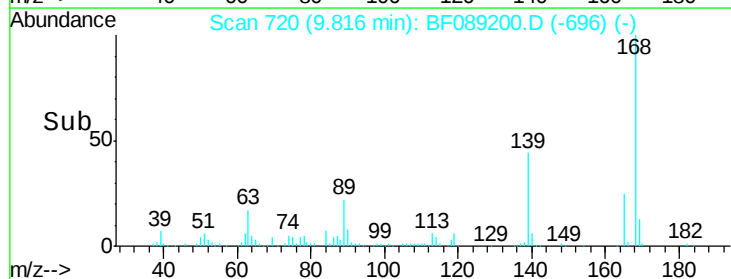
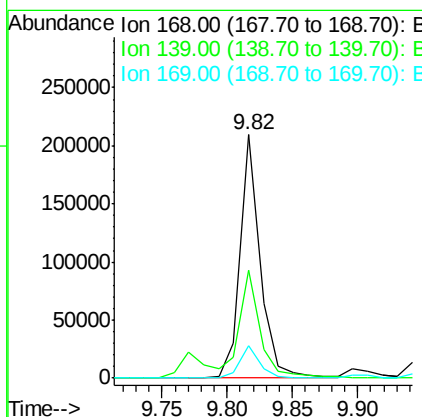
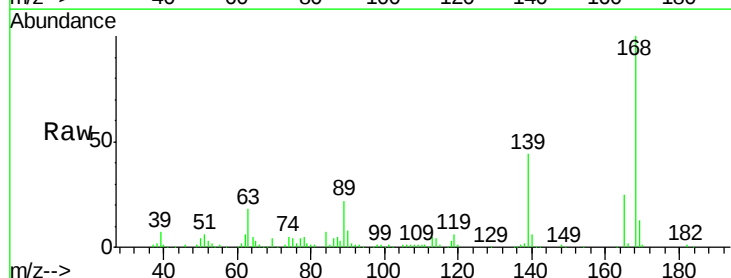
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

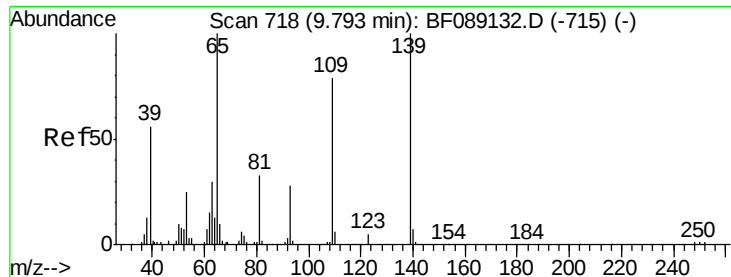
Tgt Ion:184 Resp: 27455
Ion Ratio Lower Upper
184 100
63 101.6 60.3 90.5#
154 95.8 60.7 91.1#



#54
Dibenzofuran
Concen: 21.64 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:168 Resp: 223570
Ion Ratio Lower Upper
168 100
139 44.1 34.4 51.6
169 13.3 10.8 16.2

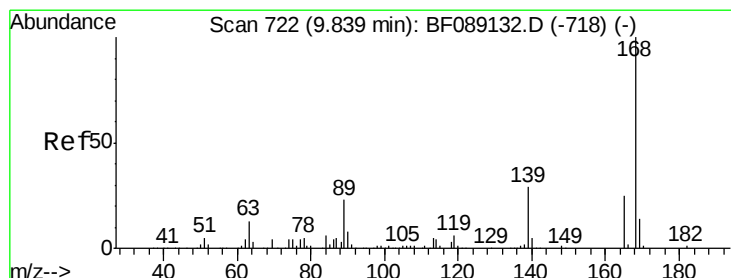
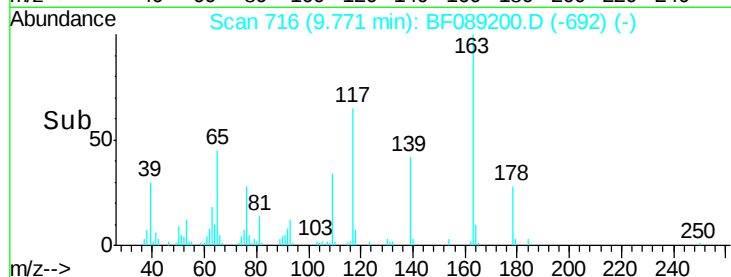
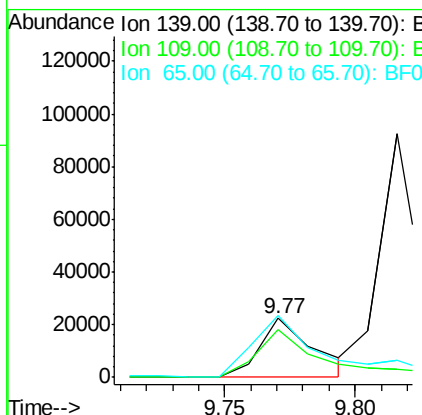
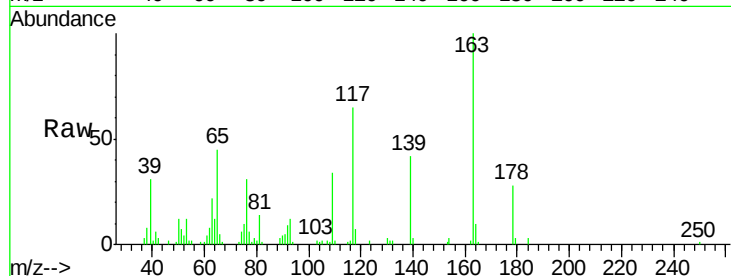




#55
4-Nitrophenol
Concen: 21.40 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

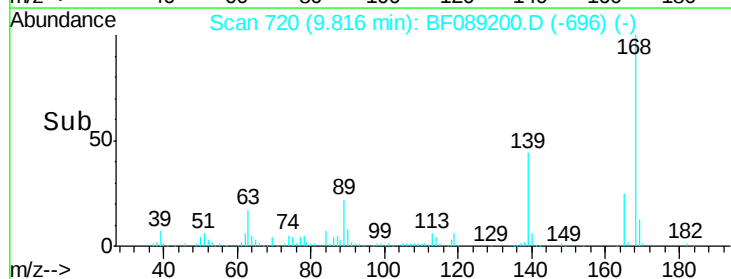
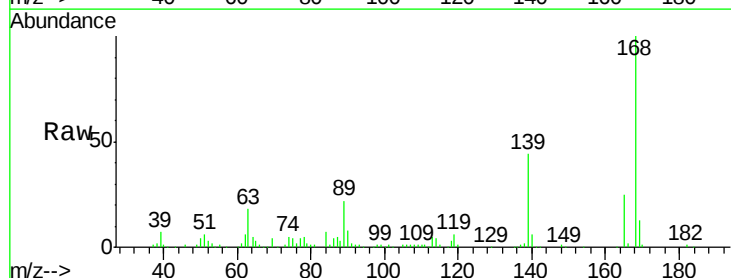
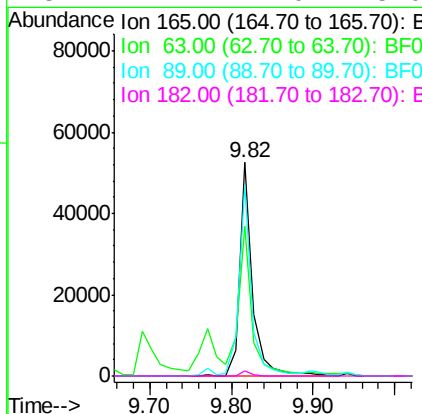
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

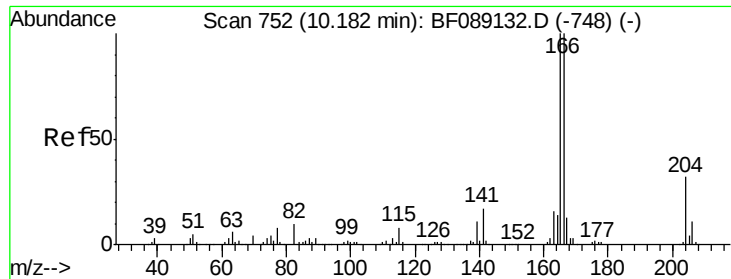
Tgt Ion:139 Resp: 32010
Ion Ratio Lower Upper
139 100
109 80.1 58.7 98.7
65 105.6 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 21.62 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:165 Resp: 57967
Ion Ratio Lower Upper
165 100
63 70.2 55.4 83.2
89 89.5 74.3 111.5
182 2.4 2.0 3.0

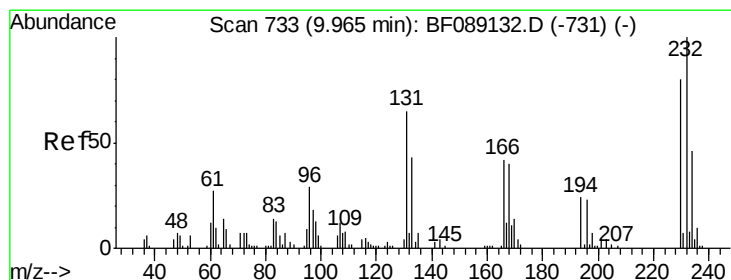
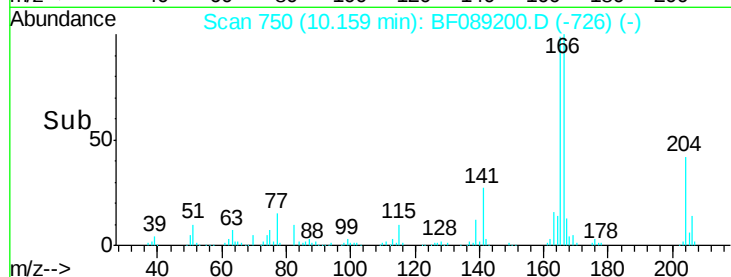
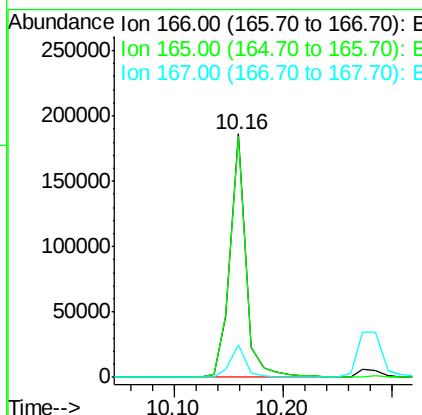
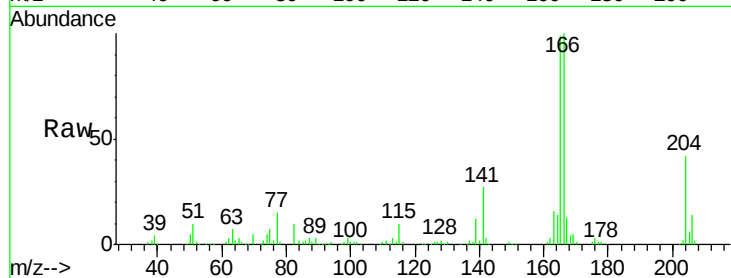




#57
 Fluorene
 Concen: 21.49 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

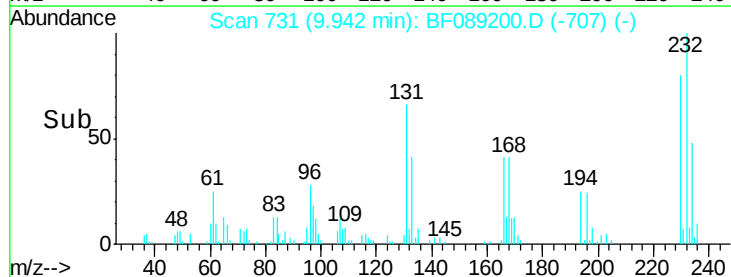
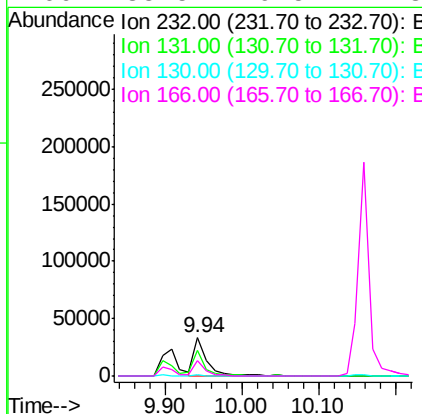
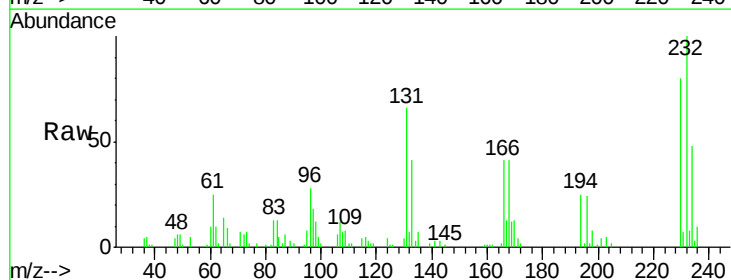
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

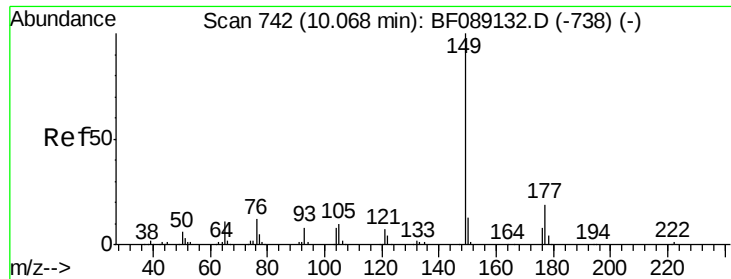
Tgt Ion:166 Resp: 188452
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.9 119.9
 167 13.3 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.41 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:232 Resp: 42186
 Ion Ratio Lower Upper
 232 100
 131 60.2 46.2 69.2
 130 2.5 2.3 3.5
 166 35.5 29.5 44.3

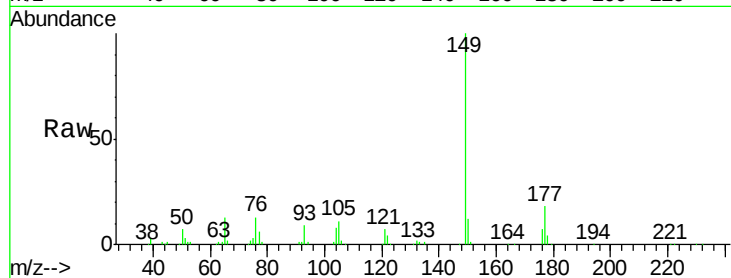




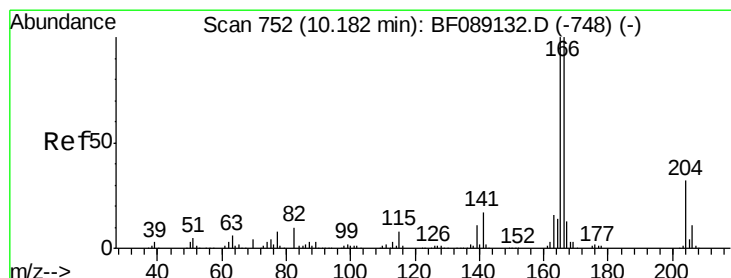
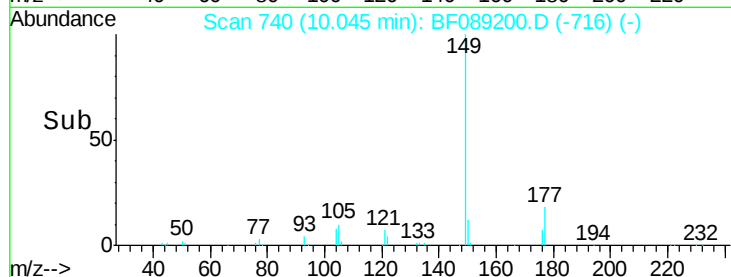
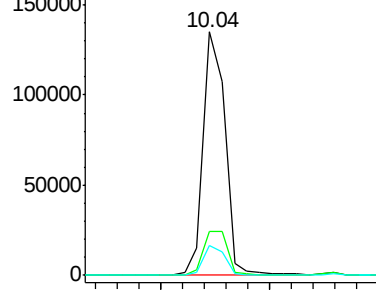
#59
Diethylphthalate
Concen: 20.39 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:149 Resp: 186408
Ion Ratio Lower Upper
149 100
177 18.0 15.6 23.4
150 12.4 10.1 15.1

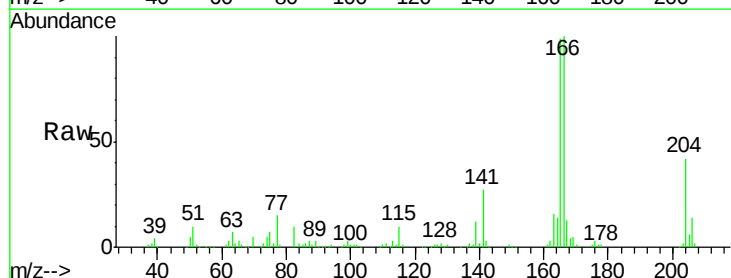


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

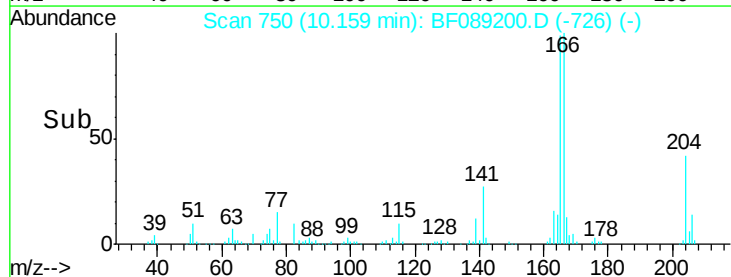
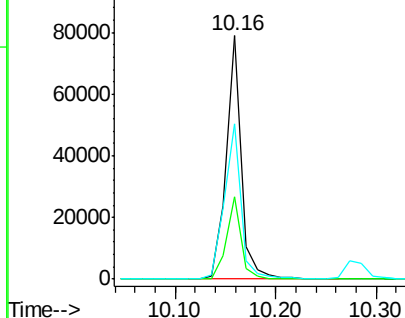


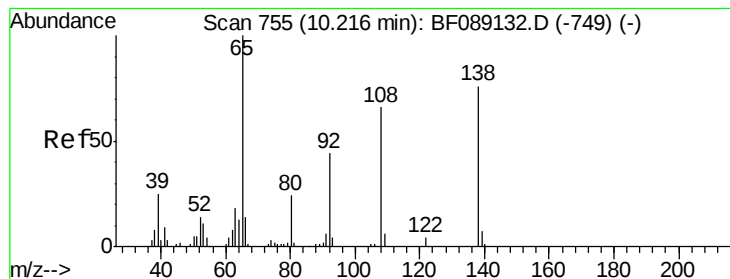
#60
4-Chlorophenyl-phenylether
Concen: 20.67 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:204 Resp: 82744
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.4
141 63.5 42.2 63.4#



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





#61

4-Nitroaniline

Concen: 19.03 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

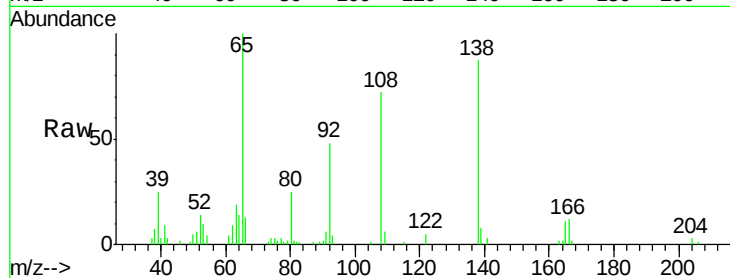
Tgt Ion:138 Resp: 45769

Ion Ratio Lower Upper

138 100

92 55.5 37.2 77.2

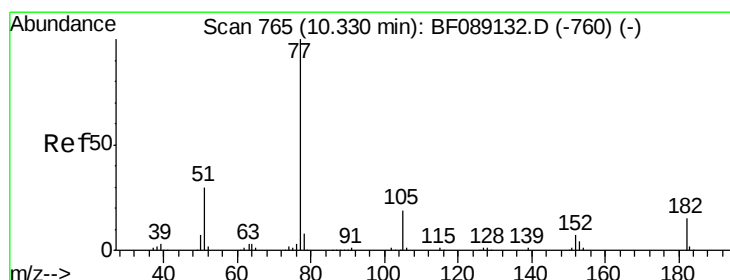
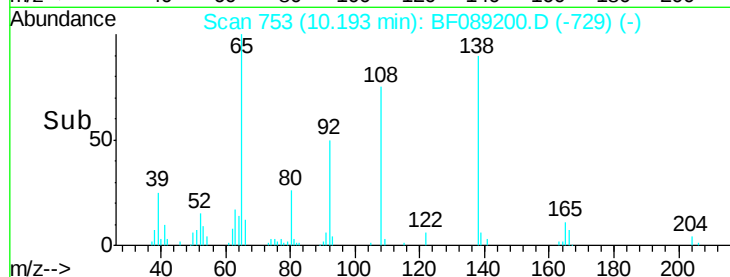
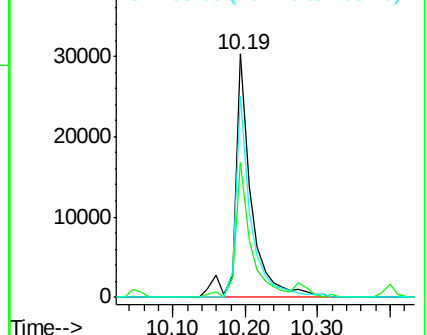
108 82.8 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 21.47 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion: 77 Resp: 213271

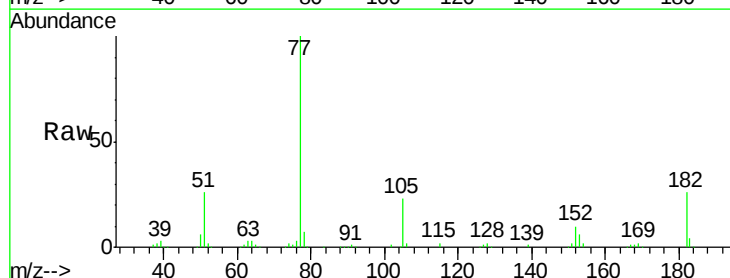
Ion Ratio Lower Upper

77 100

182 26.4 0.0 35.0

105 22.9 0.0 39.4

51 26.2 10.7 50.7

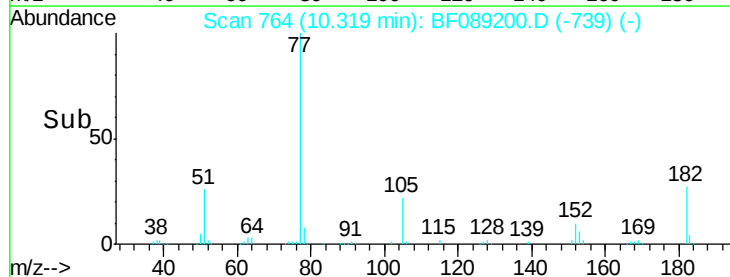
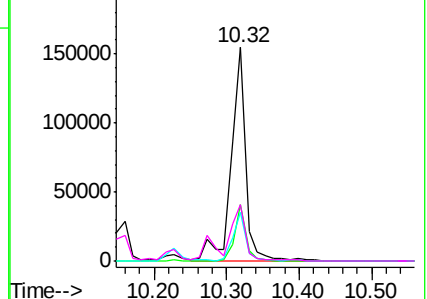


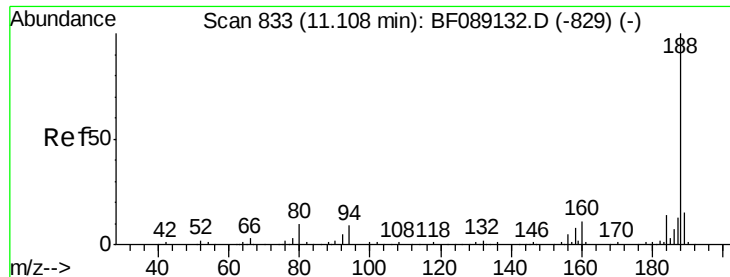
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

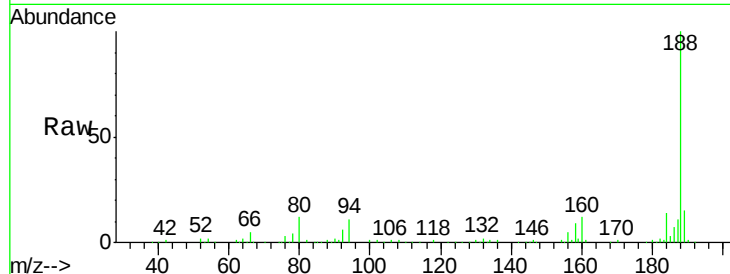




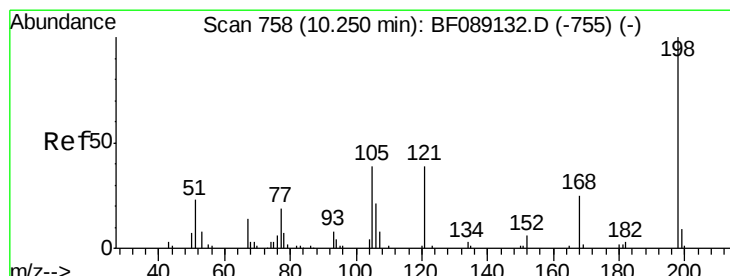
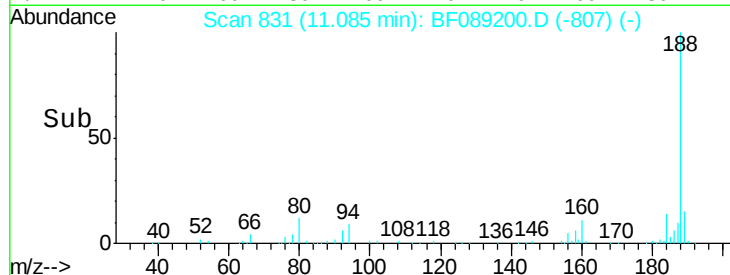
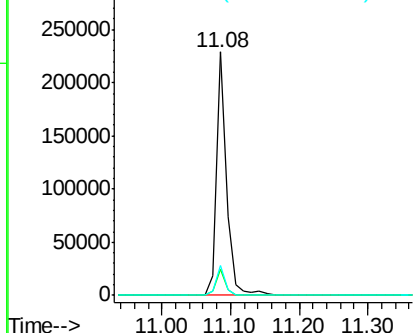
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:188 Resp: 238961
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.4#
80 12.1 7.7 11.5#

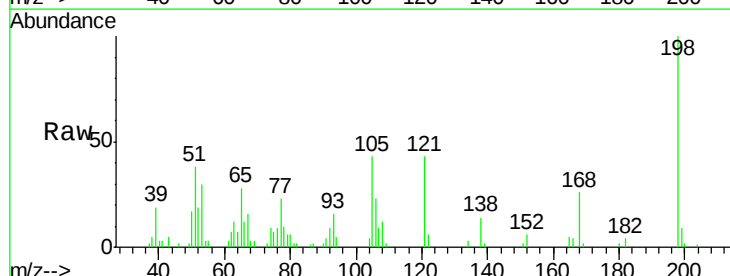


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

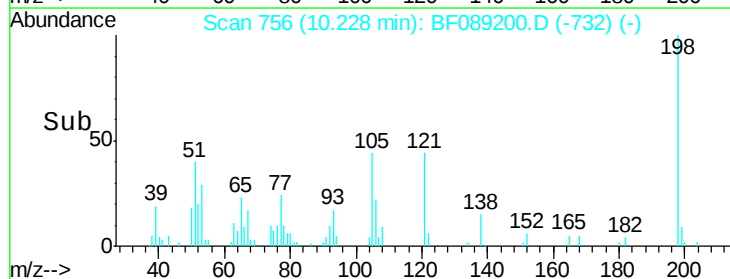
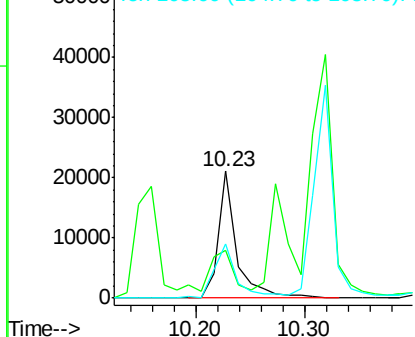


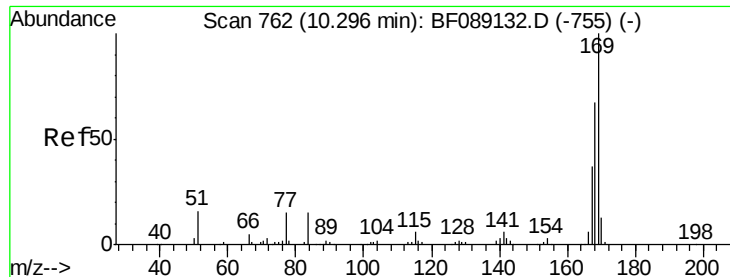
#64
4,6-Dinitro-2-methylphenol
Concen: 17.97 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:198 Resp: 25002
Ion Ratio Lower Upper
198 100
51 38.0 11.7 51.7
105 42.5 20.3 60.3



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





#65

n-Nitrosodiphenylamine

Concen: 19.51 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

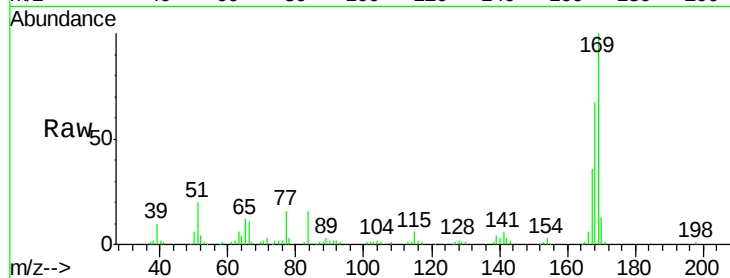
Tgt Ion:169 Resp: 155839

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

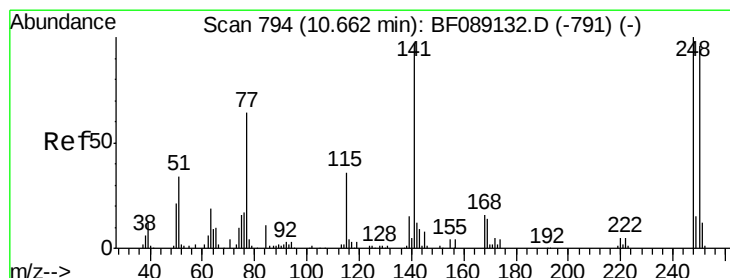
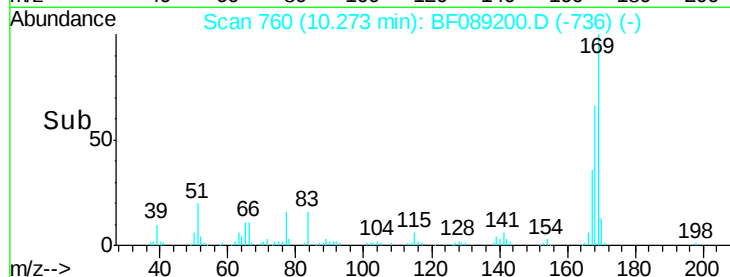
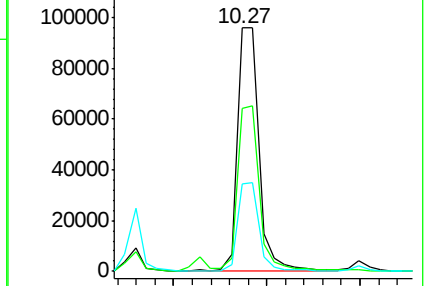
167 36.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.28 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

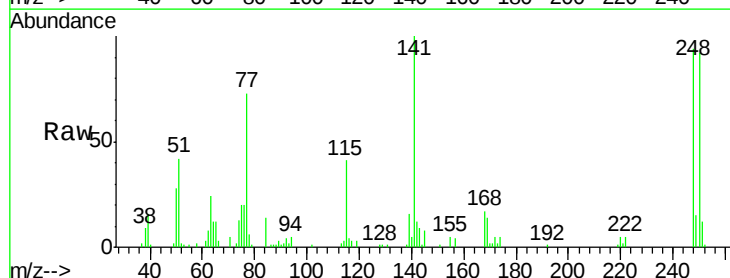
Tgt Ion:248 Resp: 47950

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

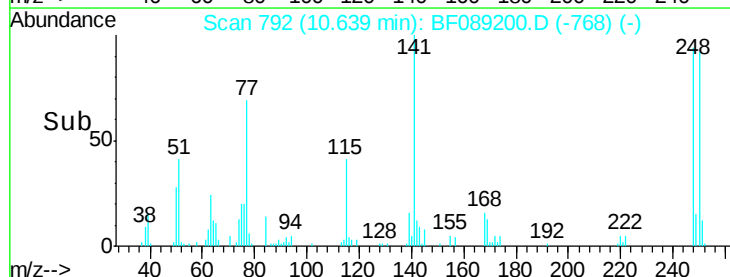
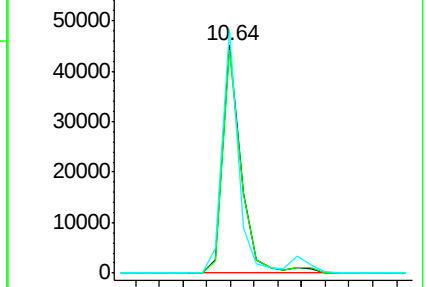
141 106.9 77.4 116.2

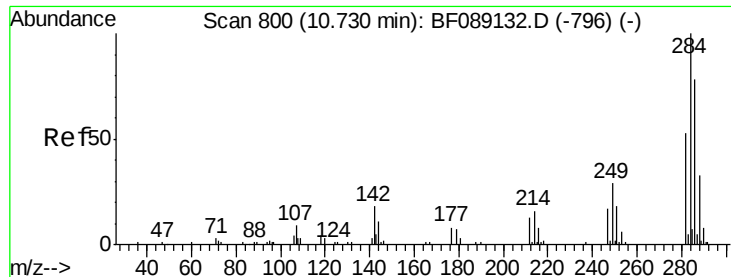


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

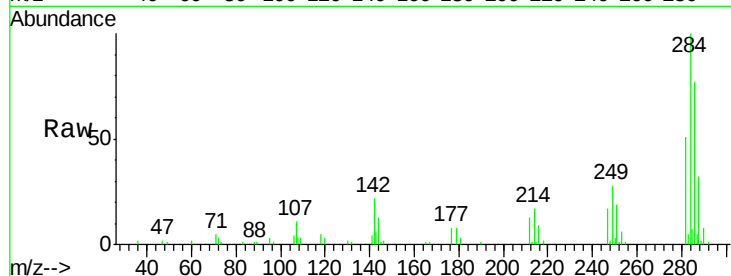




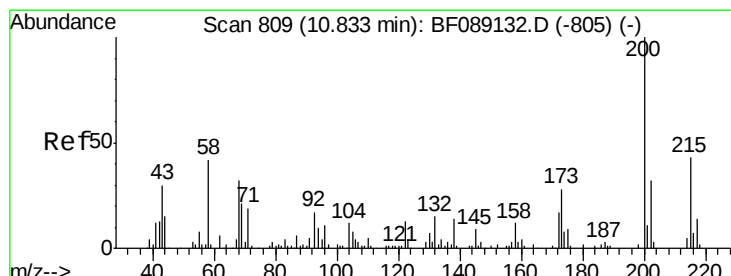
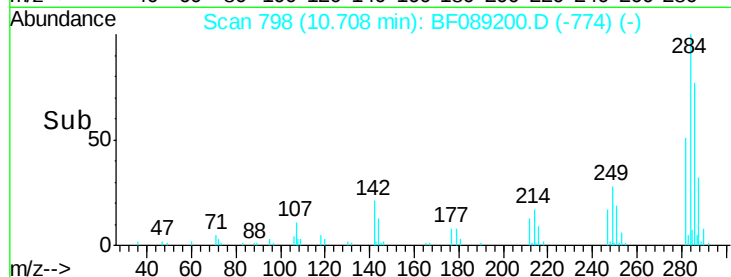
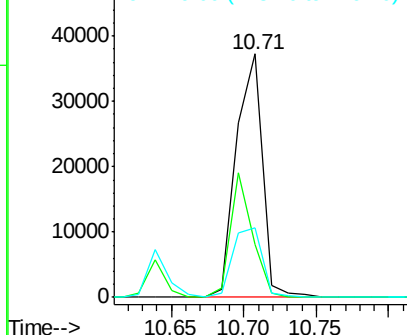
#67
Hexachlorobenzene
Concen: 18.39 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:284 Resp: 46762
Ion Ratio Lower Upper
284 100
142 22.0 14.1 21.1#
249 28.3 23.0 34.4

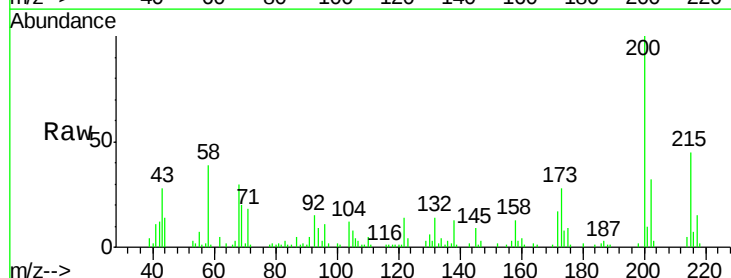


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

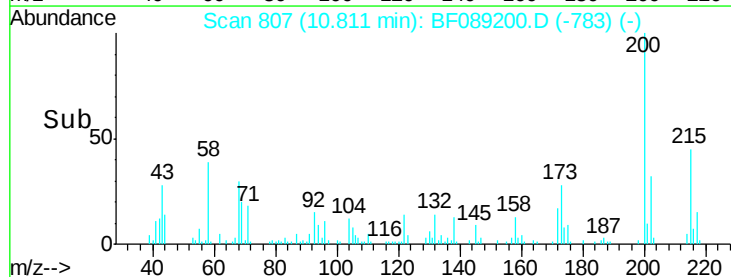
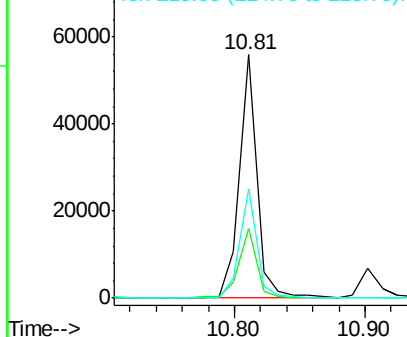


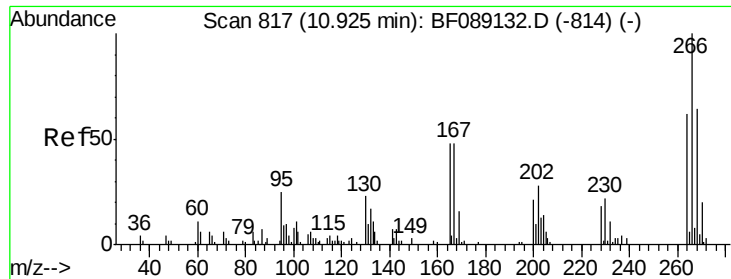
#68
Atrazine
Concen: 21.01 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:200 Resp: 52476
Ion Ratio Lower Upper
200 100
173 28.3 7.8 47.8
215 44.9 22.9 62.9



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

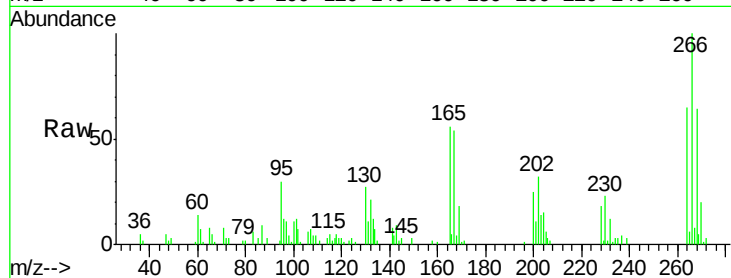




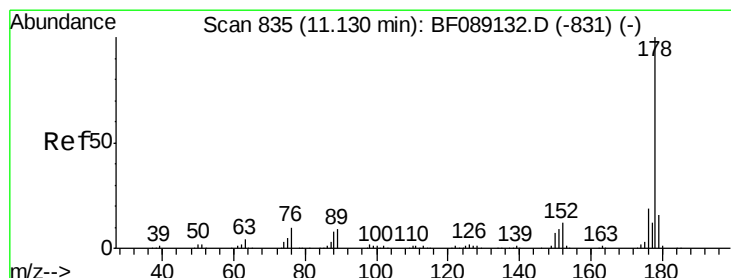
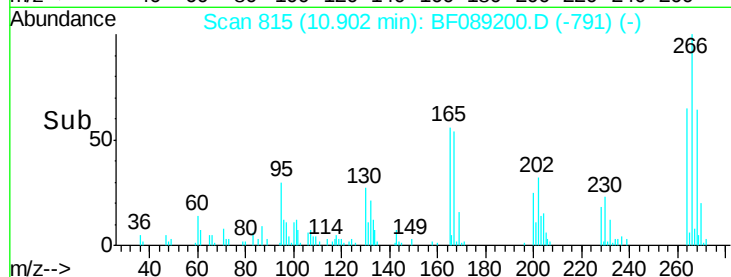
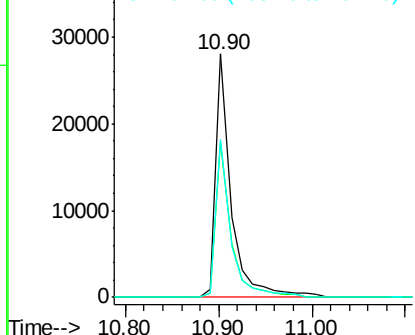
#69
 Pentachlorophenol
 Concen: 27.40 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:266 Resp: 32154
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 64.9 49.7 74.5

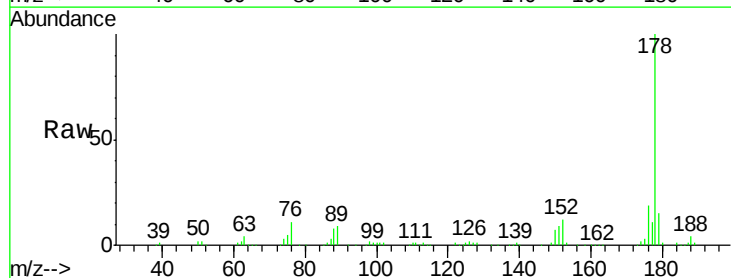


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

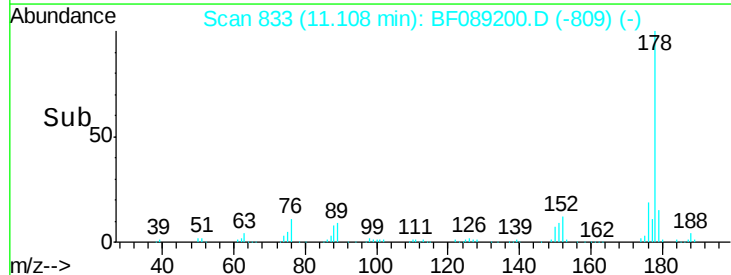
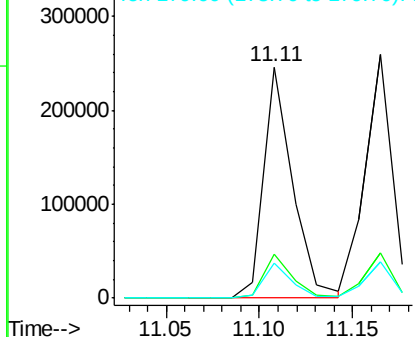


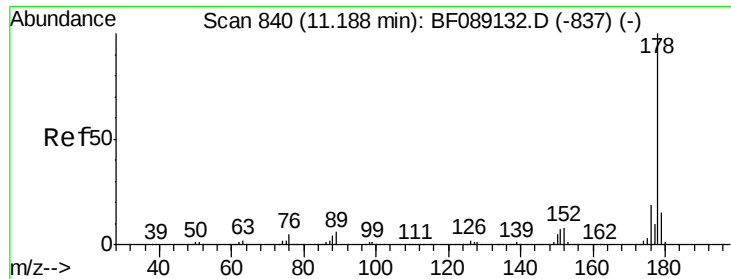
#70
 Phenanthrene
 Concen: 20.10 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:178 Resp: 263418
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.3 12.4 18.6



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

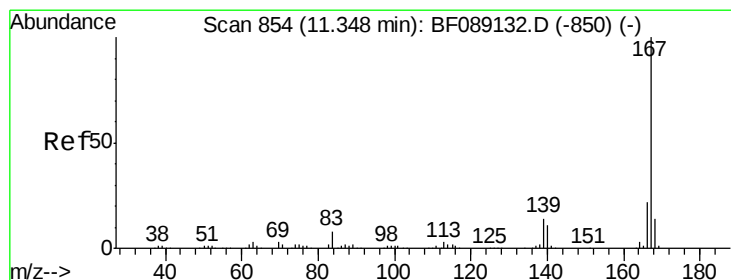
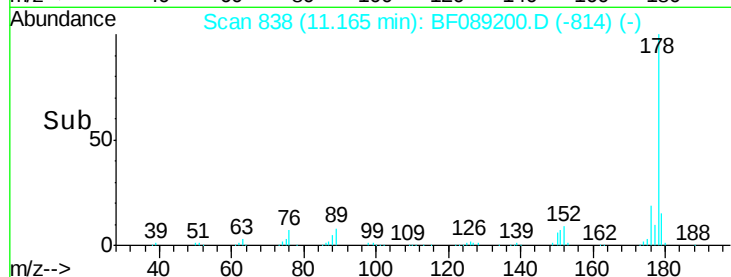
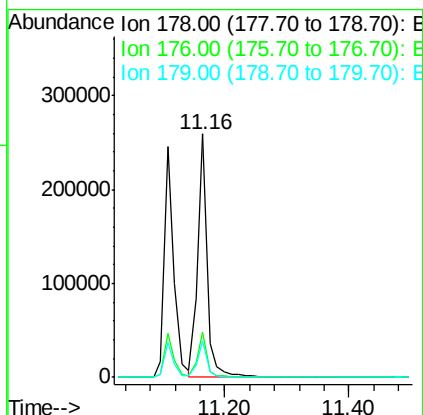
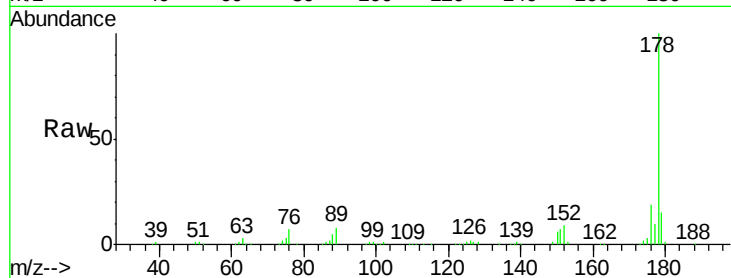




#71
 Anthracene
 Concen: 20.65 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

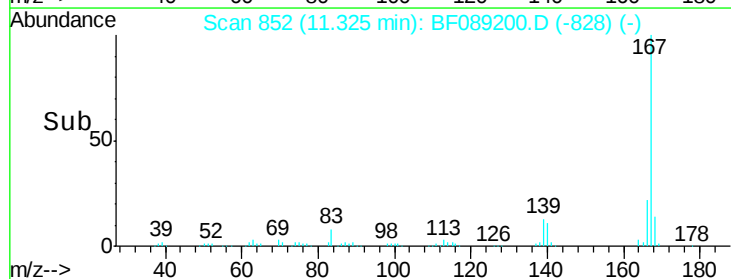
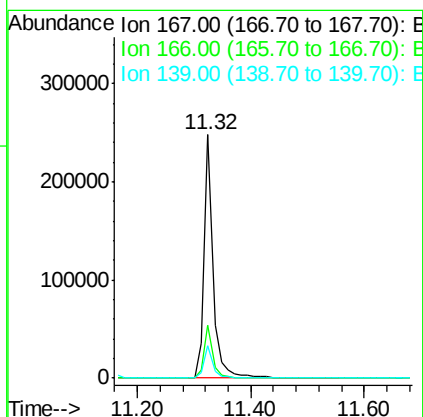
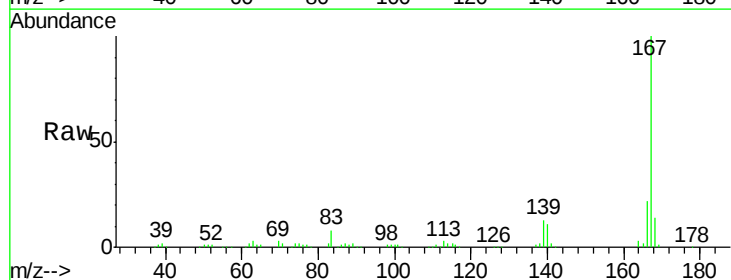
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

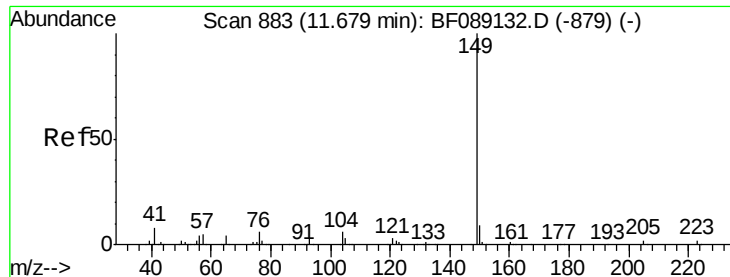
Tgt Ion:178 Resp: 281426
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.1 12.0 18.0



#72
 Carbazole
 Concen: 21.81 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:167 Resp: 261000
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.3 11.0 16.4

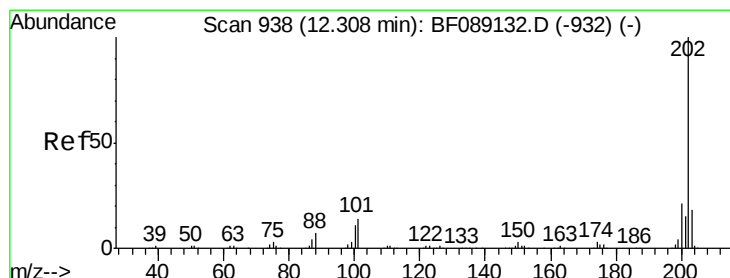
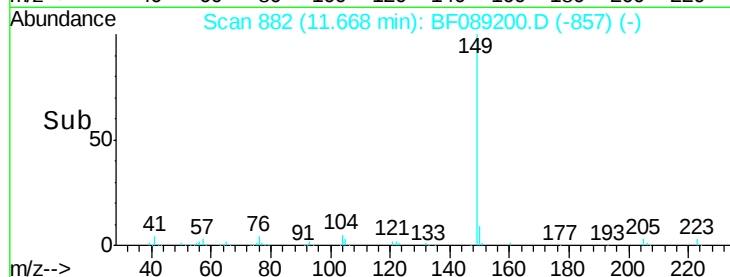
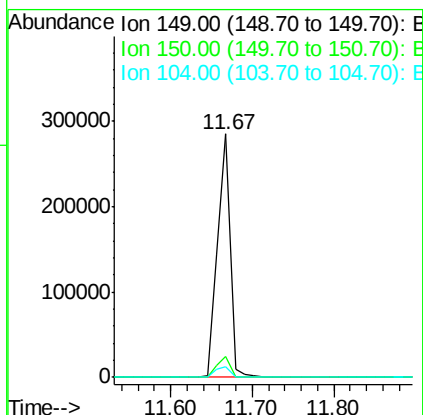
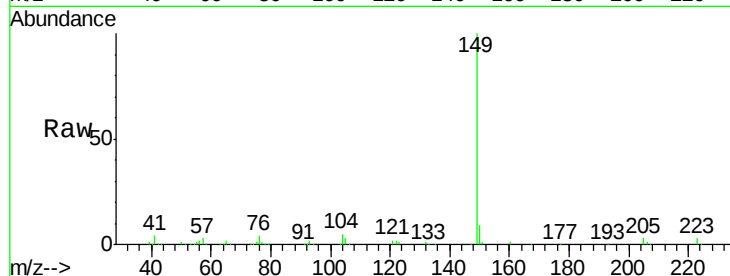




#73
Di-n-butylphthalate
Concen: 20.87 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

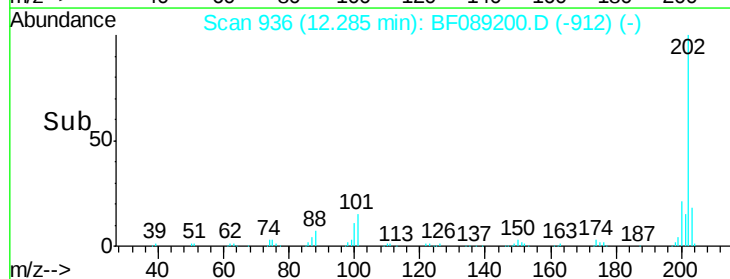
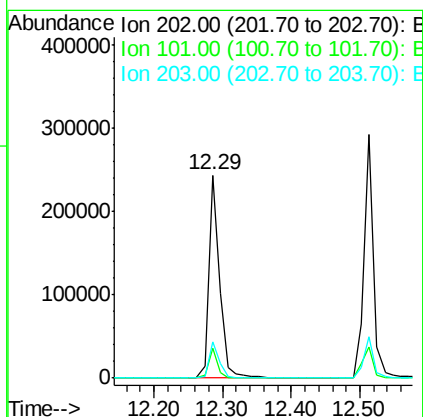
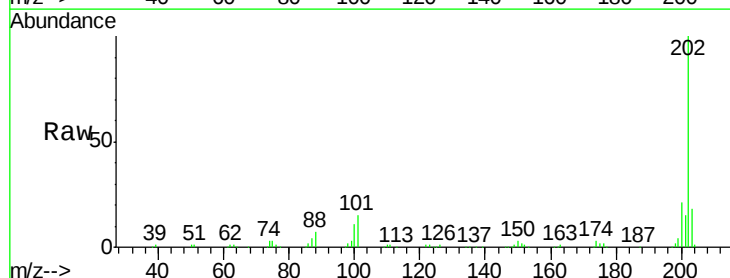
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

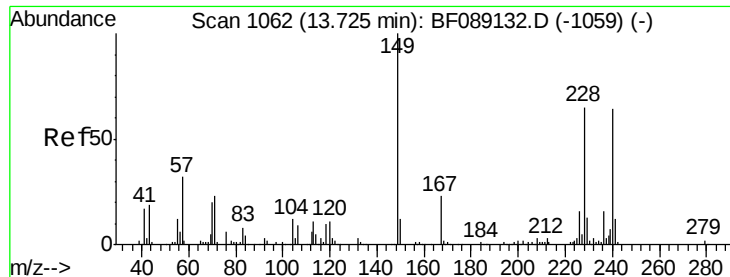
Tgt Ion:149 Resp: 308954
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.6 4.6 6.8



#74
Fluoranthene
Concen: 19.37 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:202 Resp: 266857
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.0
203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

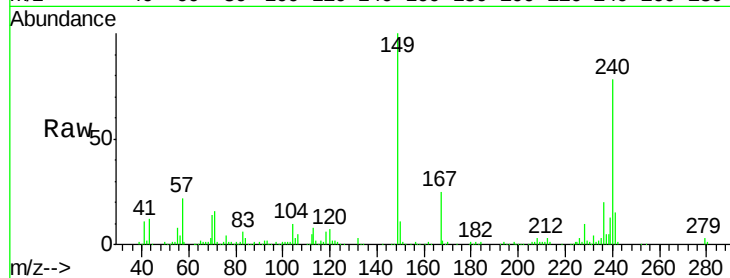
Tgt Ion:240 Resp: 180926

Ion Ratio Lower Upper

240 100

120 9.2 13.6 20.4#

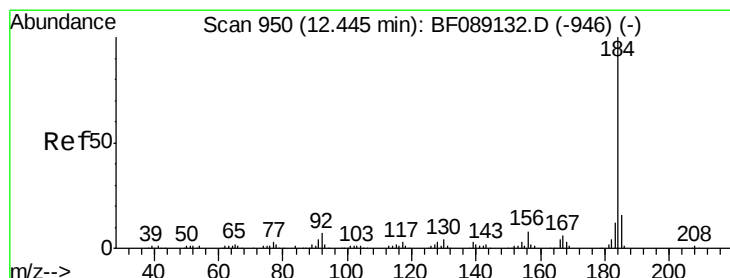
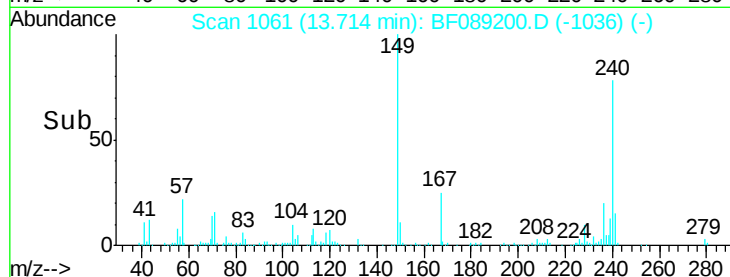
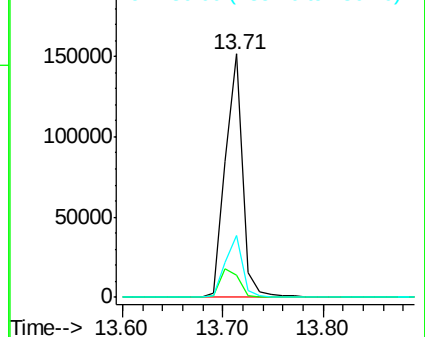
236 25.2 20.5 30.7



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: 8.80 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

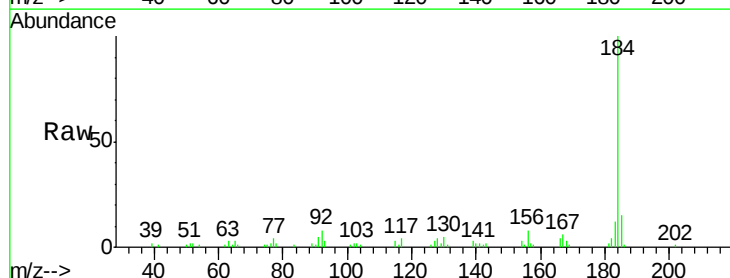
Tgt Ion:184 Resp: 54737

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

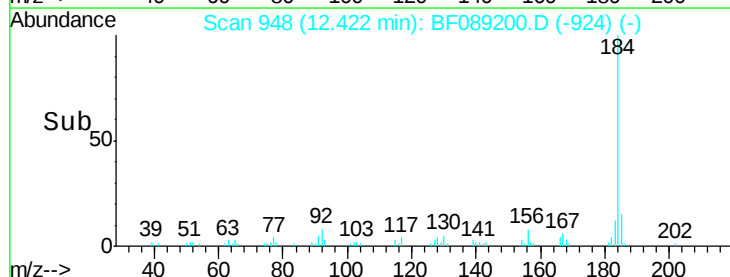
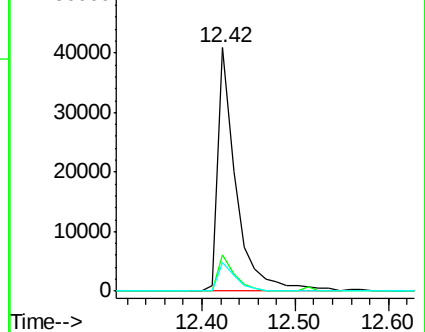
183 11.8 9.6 14.4

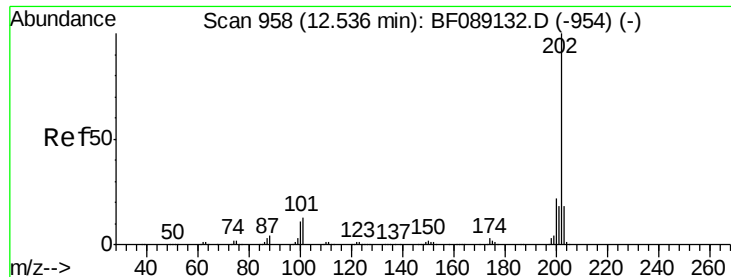


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 19.08 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

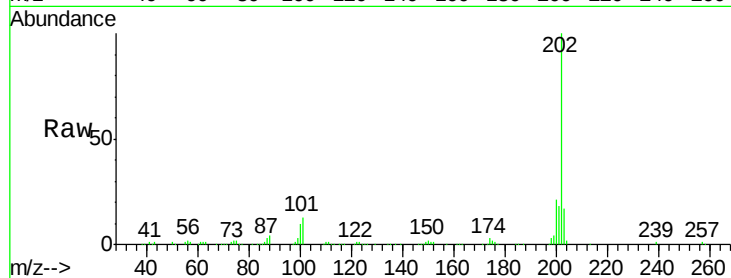
Tgt Ion:202 Resp: 285082

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.0

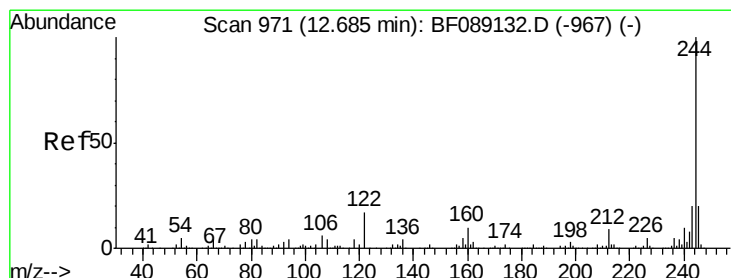
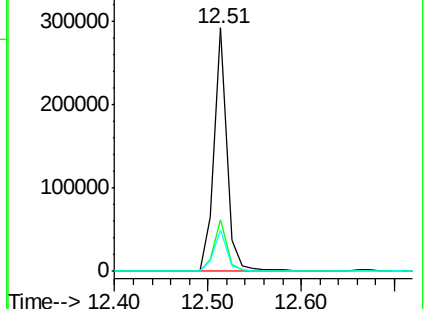
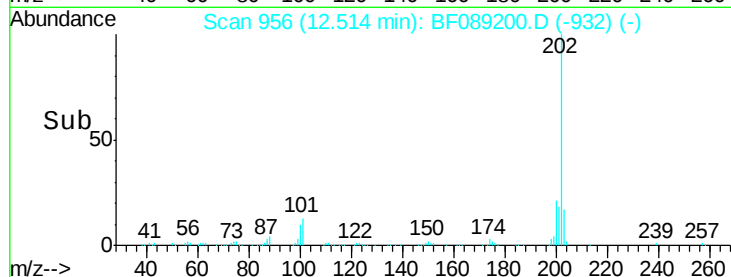
203 17.1 14.2 21.2



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: 74.08 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

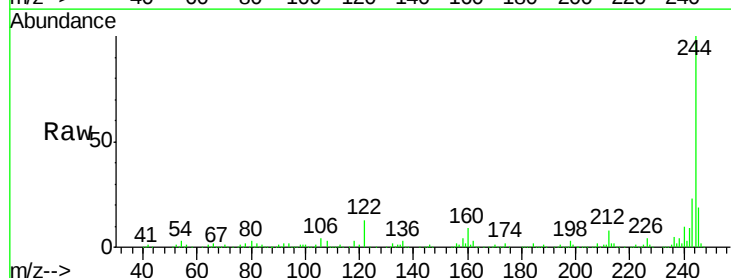
Tgt Ion:244 Resp: 617902

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

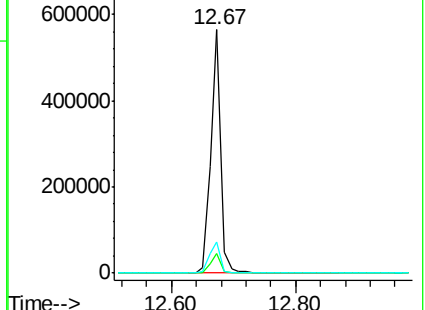
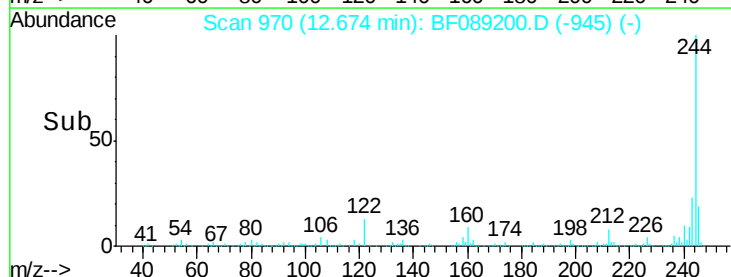
122 12.7 13.8 20.8#

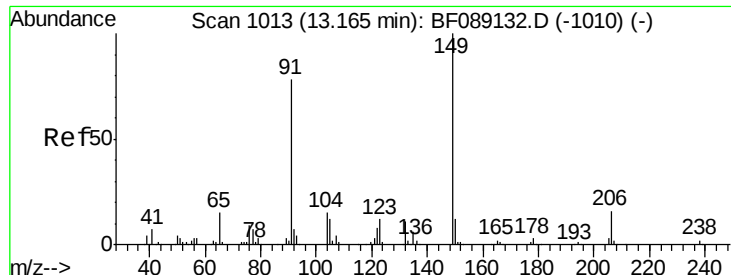


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

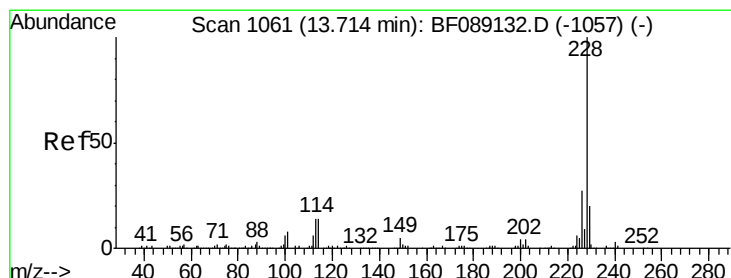
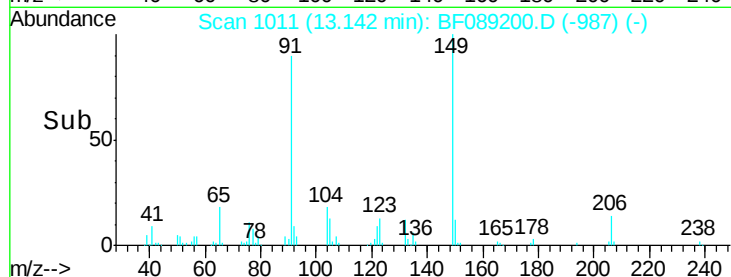
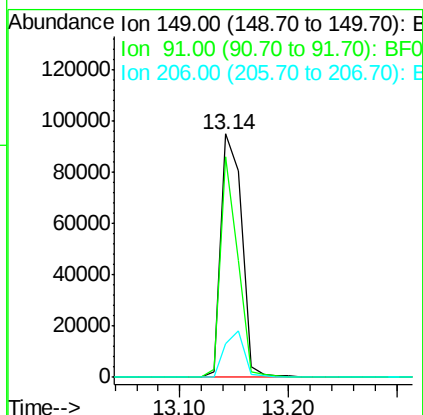
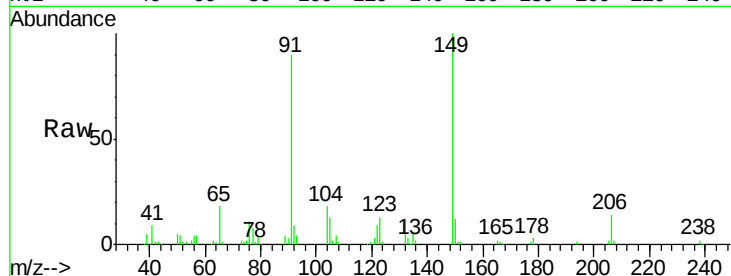




#79
Butylbenzylphthalate
Concen: 20.11 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

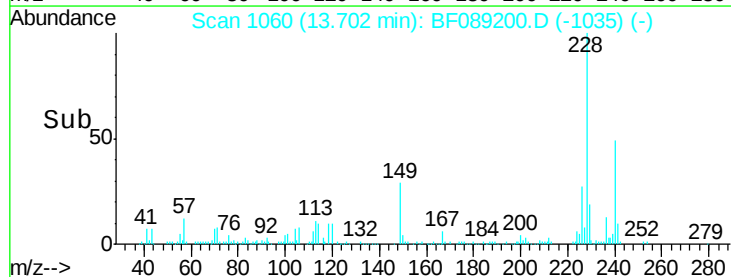
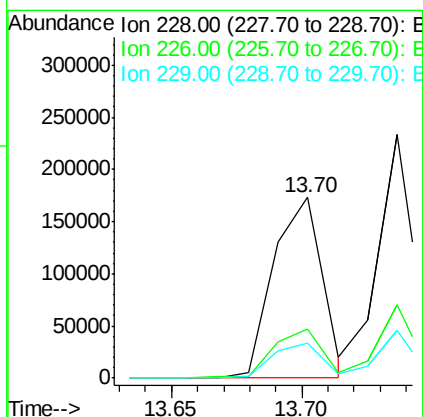
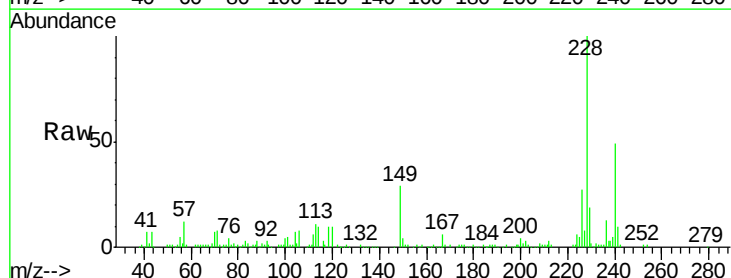
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

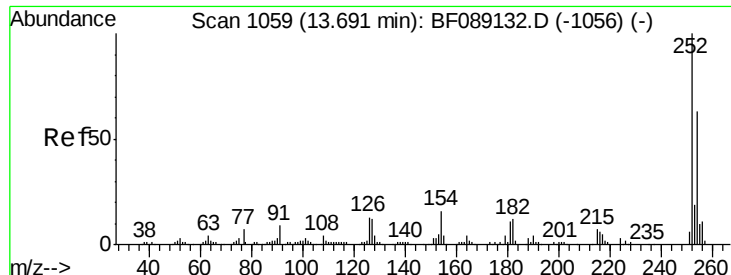
Tgt Ion:149 Resp: 127118
Ion Ratio Lower Upper
149 100
91 90.4 62.6 93.8
206 13.8 13.2 19.8



#80
Benzo(a)anthracene
Concen: 19.55 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:228 Resp: 225254
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.3 15.8 23.8

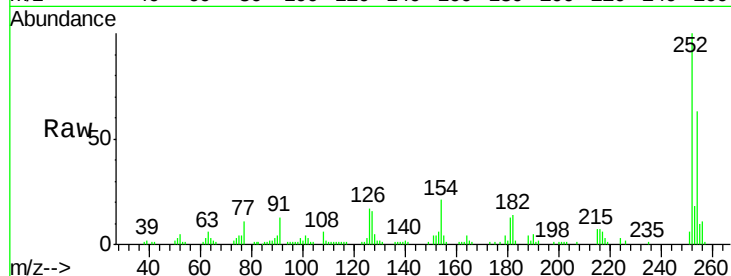




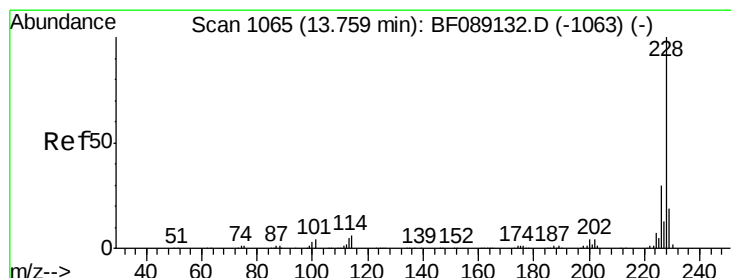
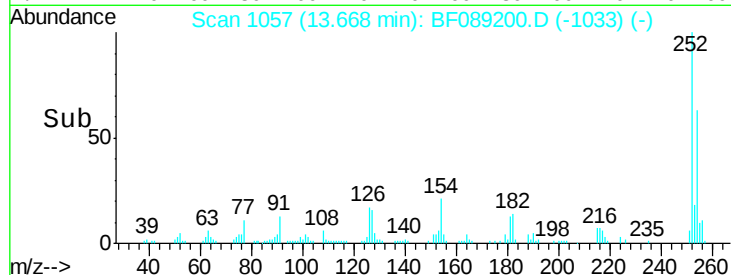
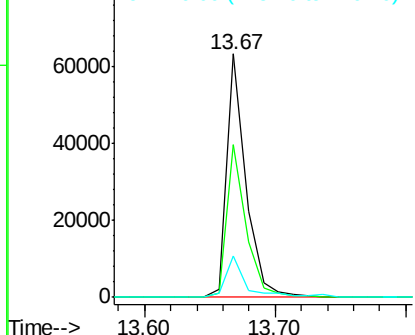
#81
 3,3'-Dichlorobenzidine
 Concen: 16.96 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 252 Resp: 64833
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.4 75.6
 126 16.7 10.2 15.2#

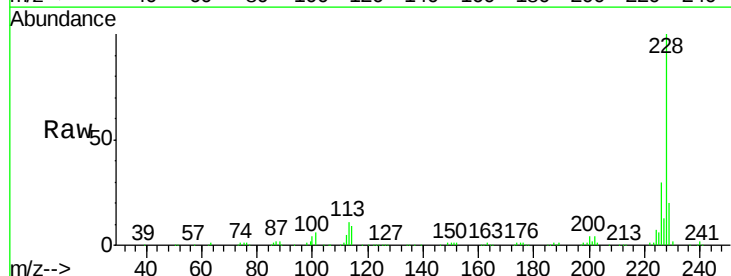


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

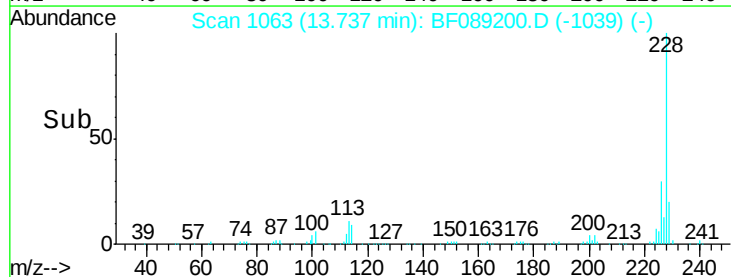
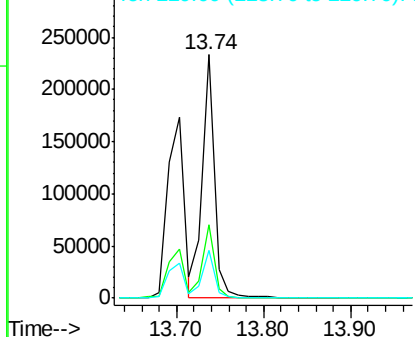


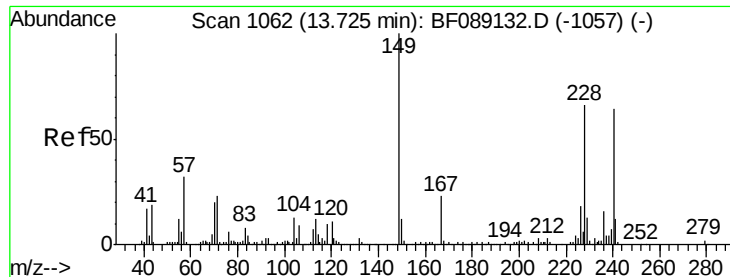
#82
 Chrysene
 Concen: 20.83 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion: 228 Resp: 229257
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.8 35.8
 229 19.5 15.4 23.0



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

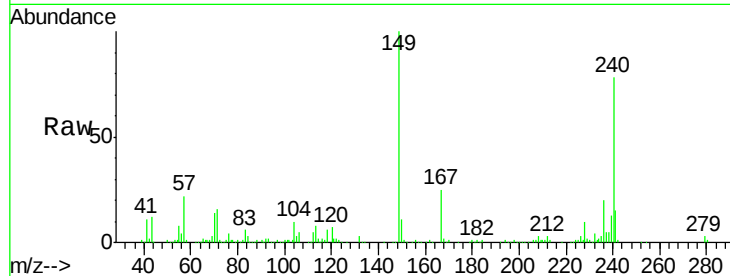




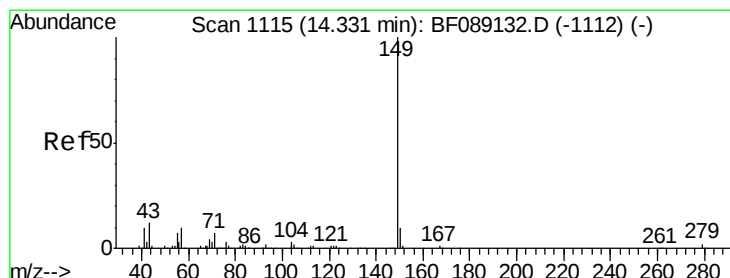
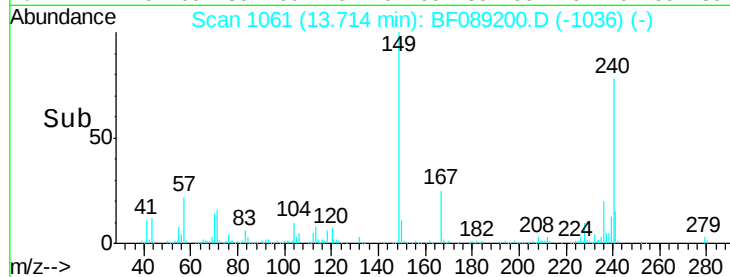
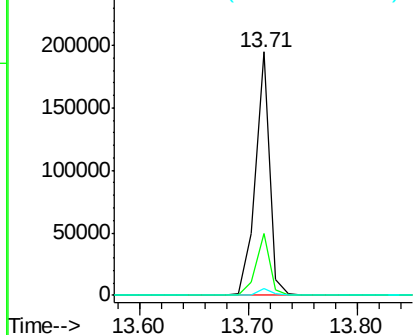
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.36 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:149 Resp: 179095
 Ion Ratio Lower Upper
 149 100
 167 25.4 18.6 28.0
 279 3.0 1.6 2.4#

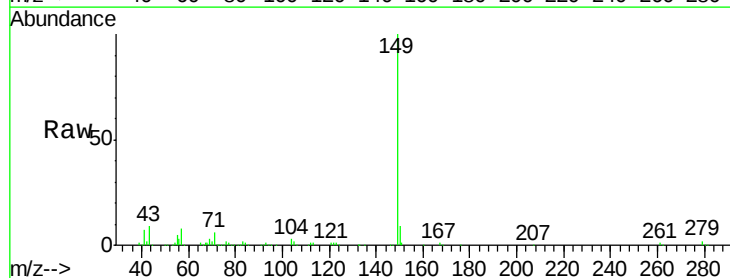


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

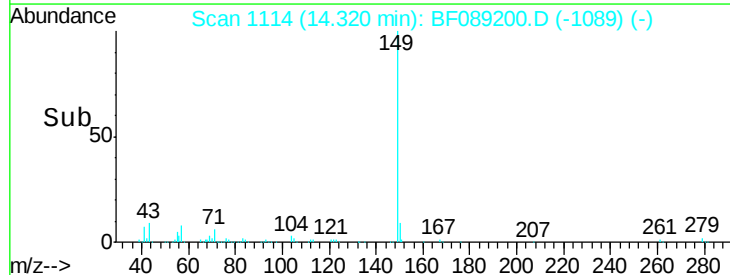
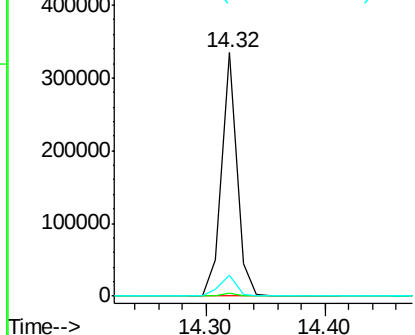


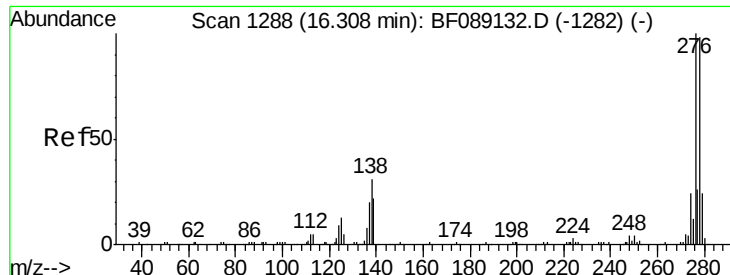
#84
 Di-n-octyl phthalate
 Concen: 21.54 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion:149 Resp: 298023
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.6 7.3 10.9



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

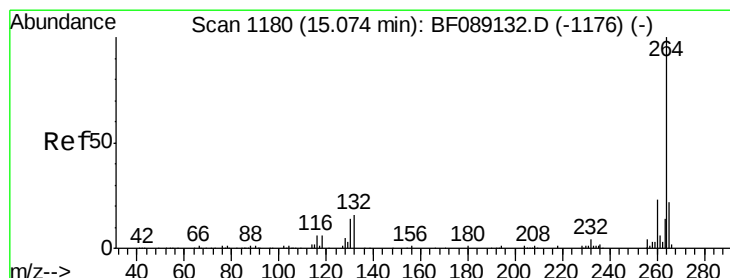
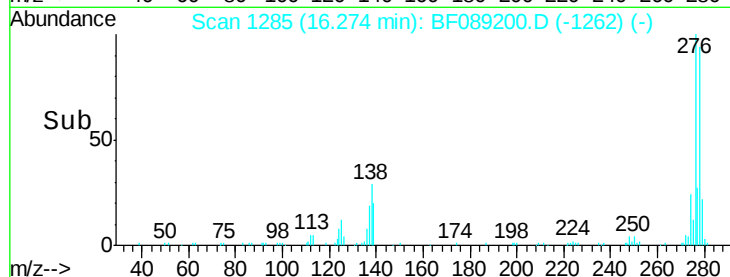
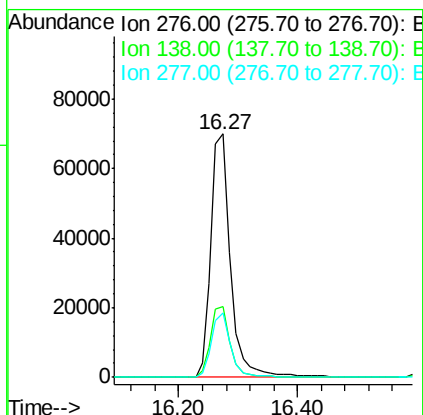
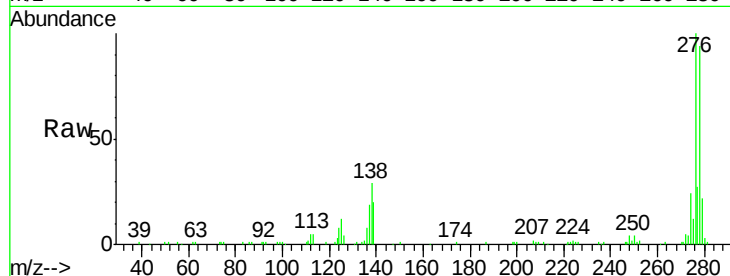




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.12 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

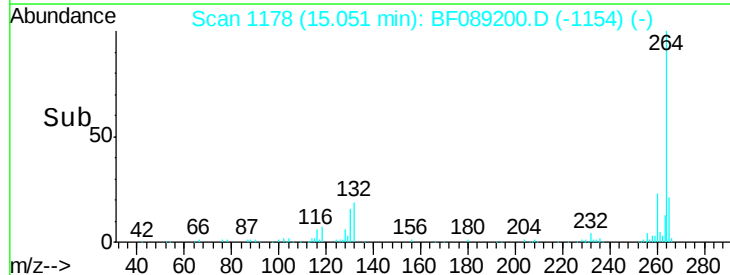
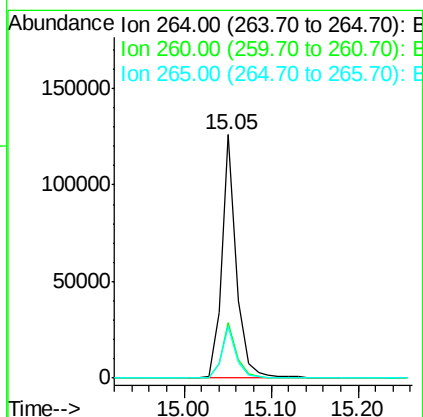
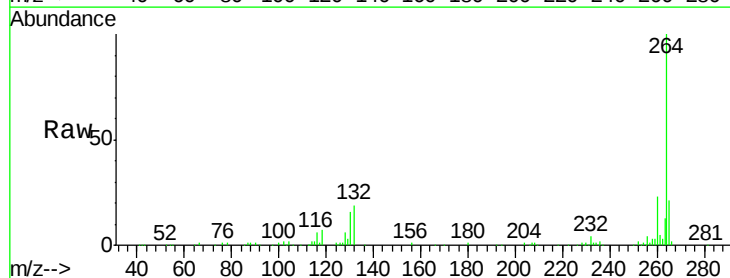
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

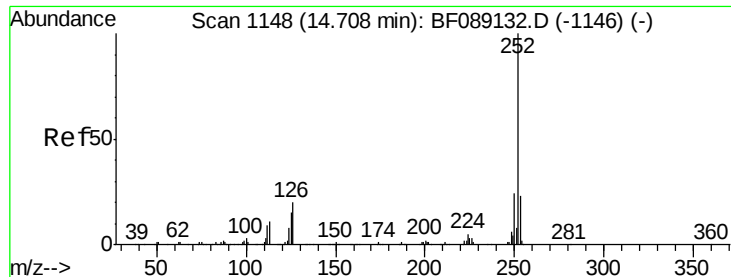
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.7	35.5
277	25.8	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.18 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

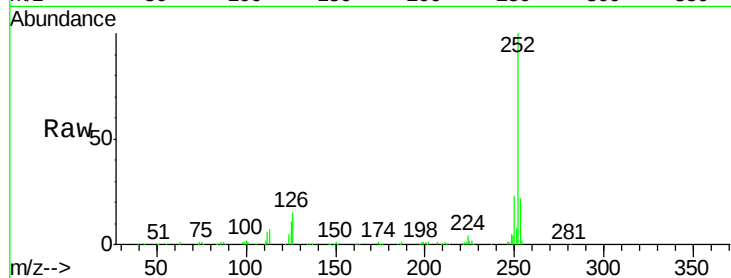
Tgt Ion:252 Resp: 387609

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

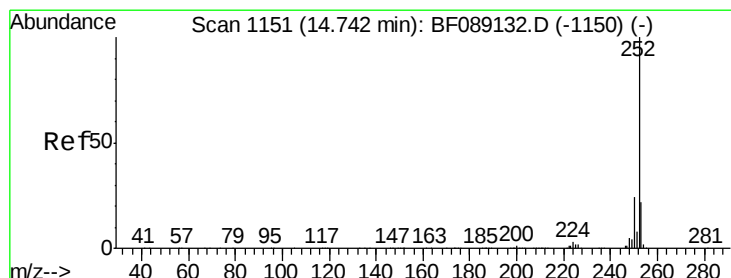
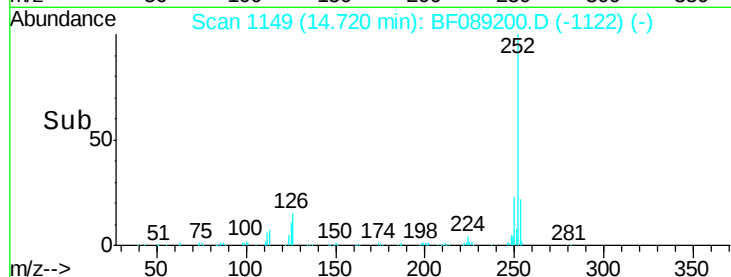
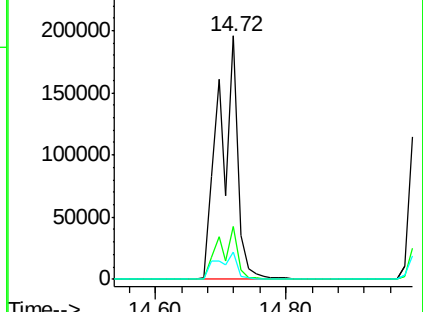
125 11.0 11.9 17.9#



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



#88

Benzo(k)fluoranthene

Concen: 50.60 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

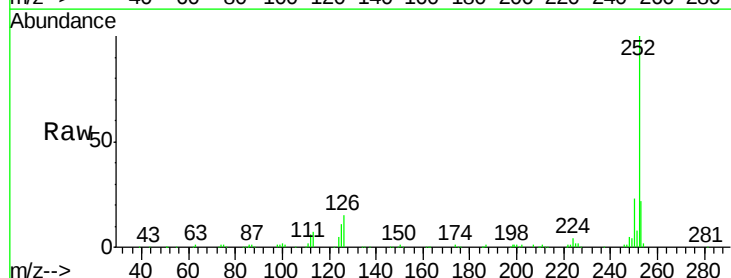
Tgt Ion:252 Resp: 387609

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

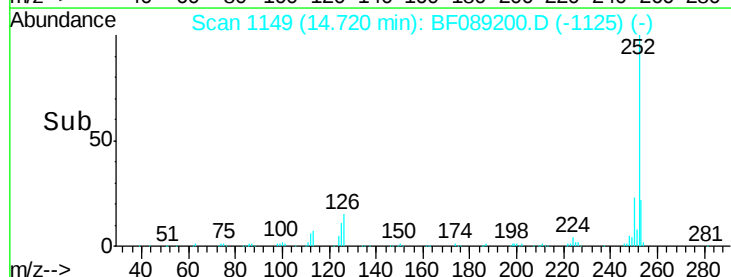
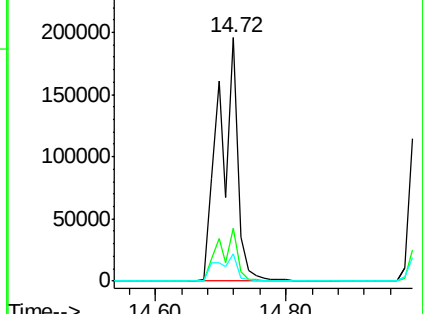
125 11.0 6.3 9.5#

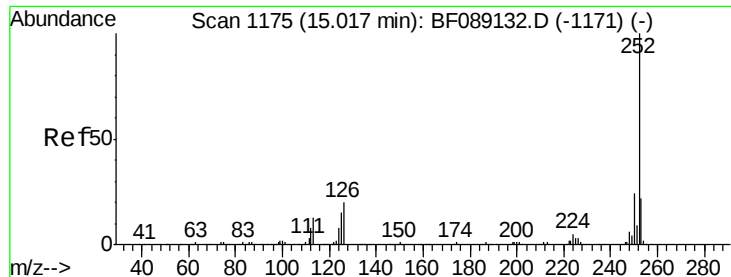


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.03 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

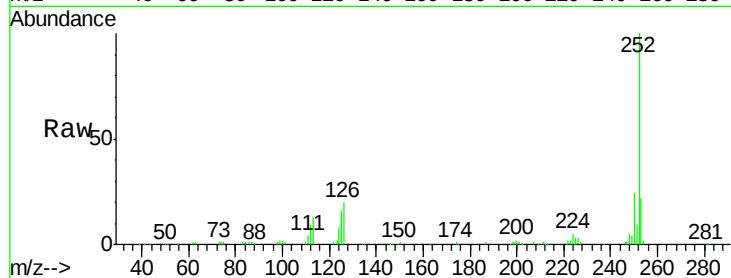
Tgt Ion:252 Resp: 174943

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

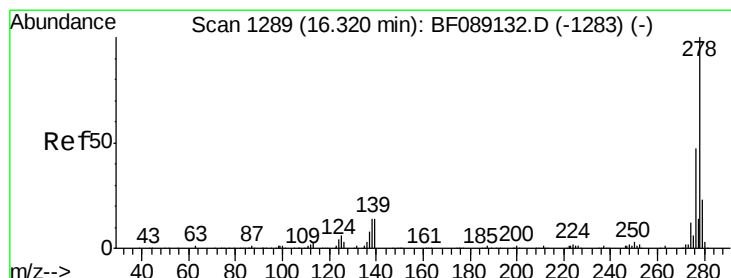
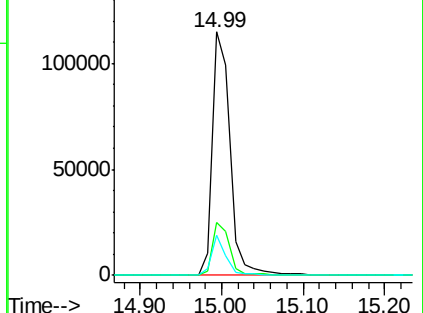
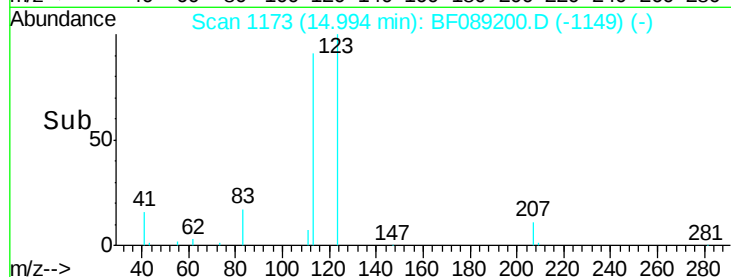
125 16.3 12.4 18.6



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: 20.41 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.05 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

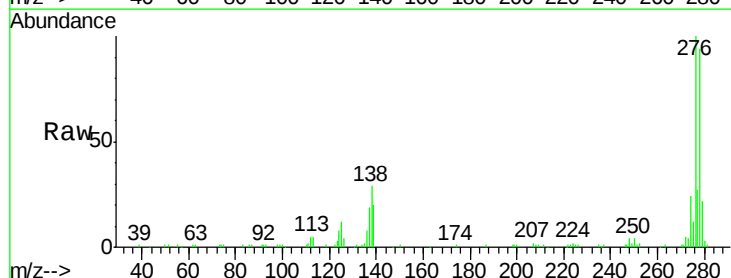
Tgt Ion:278 Resp: 134005

Ion Ratio Lower Upper

278 100

139 21.6 11.4 17.2#

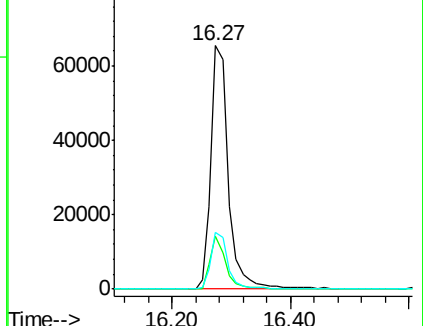
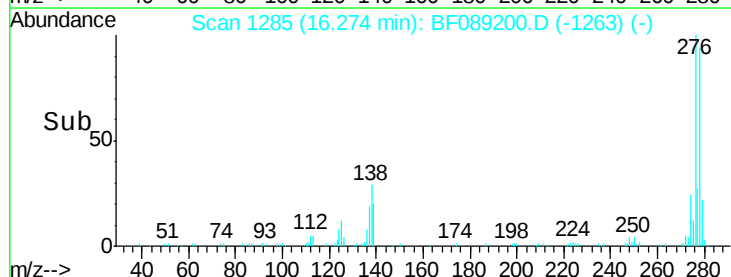
279 23.5 18.4 27.6

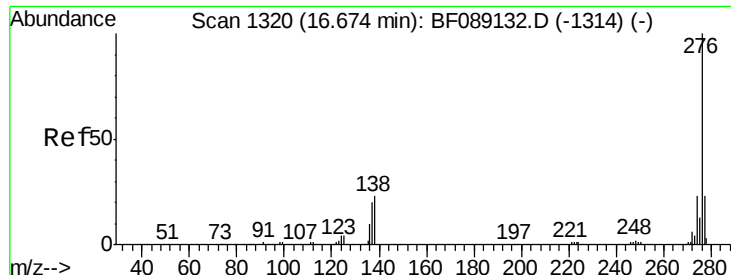


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

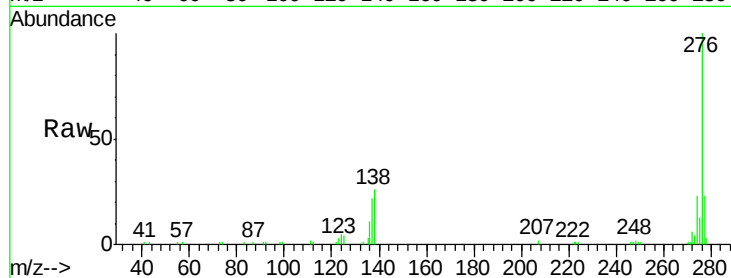




#91
 Benzo(g,h,i)perylene
 Concen: 19.50 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.05 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.5	27.7
138	26.1	18.5	27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

