

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085988.D
 Acq On : 2 Apr 2016 4:02
 Operator : UM/SJ
 Sample : H1824-06
 Misc : L00 20PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Apr 02 04:27:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105372	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	406216	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	198411	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	378380	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	340290	20.00	ng	0.00
86) Perylene-d12	15.33	264	288478	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	690407	111.99	ng	0.00
7) Phenol-d6	6.42	99	937872	119.78	ng	0.00
23) Nitrobenzene-d5	7.34	82	573167	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	249009	133.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1017835	85.29	ng	0.00
78) Terphenyl-d14	12.88	244	1018163	70.33	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	37270	12.75	ng	98
3) Pyridine	3.14	79	68930	10.53	ng	95
4) n-Nitrosodimethylamine	3.04	42	38817	13.49	ng	98
6) Aniline	6.44	93	86435	8.41	ng	97
8) 2-Chlorophenol	6.56	128	114646	15.59	ng	96
9) Benzaldehyde	6.33	77	82330	19.54	ng	94
10) Phenol	6.43	94	123982	13.88	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	110383	15.61	ng	96
12) 1,3-Dichlorobenzene	6.72	146	110531	14.19	ng	98
13) 1,4-Dichlorobenzene	6.72	146	110531	13.77	ng	95
14) 1,2-Dichlorobenzene	6.94	146	110019	14.89	ng	98
15) Benzyl Alcohol	6.92	79	85563	16.89	ng	85
16) 2,2'-oxybis(1-Chloropropan	7.06	45	125601	14.54	ng	92
17) 2-Methylphenol	7.04	107	95096	16.41	ng	99
18) Hexachloroethane	7.28	117	42472	14.38	ng	# 78
19) n-Nitroso-di-n-propylamine	7.18	70	73521	15.15	ng	# 89
20) 3+4-Methylphenols	7.20	107	115430	16.37	ng	# 82
22) Acetophenone	7.18	105	161859	16.95	ng	# 92
24) Nitrobenzene	7.36	77	111060	14.74	ng	98
25) Isophorone	7.60	82	210782	15.50	ng	99
26) 2-Nitrophenol	7.68	139	52873	14.66	ng	# 78
27) 2,4-Dimethylphenol	7.72	122	106257	16.41	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	133116	16.68	ng	99
29) 2,4-Dichlorophenol	7.93	162	81383	14.87	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	93461	15.21	ng	99
31) Naphthalene	8.08	128	322685	15.79	ng	99
32) Benzoic acid	7.82	122	42419	8.93	ng	98
33) 4-Chloroaniline	8.14	127	59794	7.24	ng	98
34) Hexachlorobutadiene	8.20	225	47299	14.32	ng	98
35) Caprolactam	8.49	113	28452	16.38	ng	# 82
36) 4-Chloro-3-methylphenol	8.62	107	90588	14.72	ng	94
37) 2-Methylnaphthalene	8.77	142	214239	16.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	84773	14.22	ng	99
40) Hexachlorocyclopentadiene	8.92	237	20067	17.22	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	51278	13.39	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	56869	14.63	nq	96
45) 1,1'-Biphenyl	9.23	154	256952	15.02	nq	98
46) 2-Chloronaphthalene	9.25	162	183443	14.79	nq	# 90
47) 2-Nitroaniline	9.36	65	55610	15.33	nq	# 78
48) Acenaphthylene	9.66	152	305242	15.37	nq	99
49) Dimethylphthalate	9.54	163	224224	15.25	nq	99
50) 2,6-Dinitrotoluene	9.60	165	43744	14.06	nq	# 83
51) Acenaphthene	9.84	154	180908	15.31	nq	99
52) 3-Nitroaniline	9.77	138	38061	10.15	nq	85
53) 2,4-Dinitrophenol	9.89	184	15855	14.62	nq	# 82
54) Dibenzofuran	10.02	168	272984	17.50	nq	96
55) 4-Nitrophenol	9.95	139	26541	12.01	nq	96
56) 2,4-Dinitrotoluene	10.01	165	67103	17.07	nq	# 59
57) Fluorene	10.35	166	212872	15.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	46335	16.01	nq	98
59) Diethylphthalate	10.24	149	234975	15.83	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	103586	16.68	nq	92
61) 4-Nitroaniline	10.38	138	52328	14.17	nq	98
62) Azobenzene	10.51	77	252592	17.77	nq	96
64) 4,6-Dinitro-2-methylphenol	10.42	198	29492	12.86	nq	# 75
65) n-Nitrosodiphenylamine	10.46	169	186000	15.72	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	56951	14.74	nq	# 89
67) Hexachlorobenzene	10.91	284	58120	14.55	nq	# 91
68) Atrazine	10.99	200	56358	14.74	nq	93
69) Pentachlorophenol	11.10	266	23353	12.47	nq	98
70) Phenanthrene	11.31	178	324785	15.73	nq	100
71) Anthracene	11.37	178	352241	16.29	nq	98
72) Carbazole	11.53	167	307352	16.54	nq	97
73) Di-n-butylphthalate	11.86	149	358118	15.55	nq	98
74) Fluoranthene	12.50	202	334969	15.60	nq	95
76) Benzidine	12.62	184	87372	7.28	nq	98
77) Pyrene	12.73	202	354513	14.78	nq	99
79) Butylbenzylphthalate	13.34	149	153186	14.19	nq	# 77
80) Benzo(a)anthracene	13.92	228	301050	15.01	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	44009	3.00	nq	# 97
82) Chrysene	13.95	228	270278	13.99	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	215845	15.06	nq	99
84) Di-n-octyl phthalate	14.51	149	328947	14.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	223996	14.29	nq	98
87) Benzo(b)fluoranthene	14.93	252	514719	28.36	nq	# 97
88) Benzo(k)fluoranthene	14.93	252	514719	32.03	nq	99
89) Benzo(a)pyrene	15.28	252	244455	15.20	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	185058	14.31	nq	99
91) Benzo(g,h,i)perylene	17.09	276	179143	14.31	nq	94

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

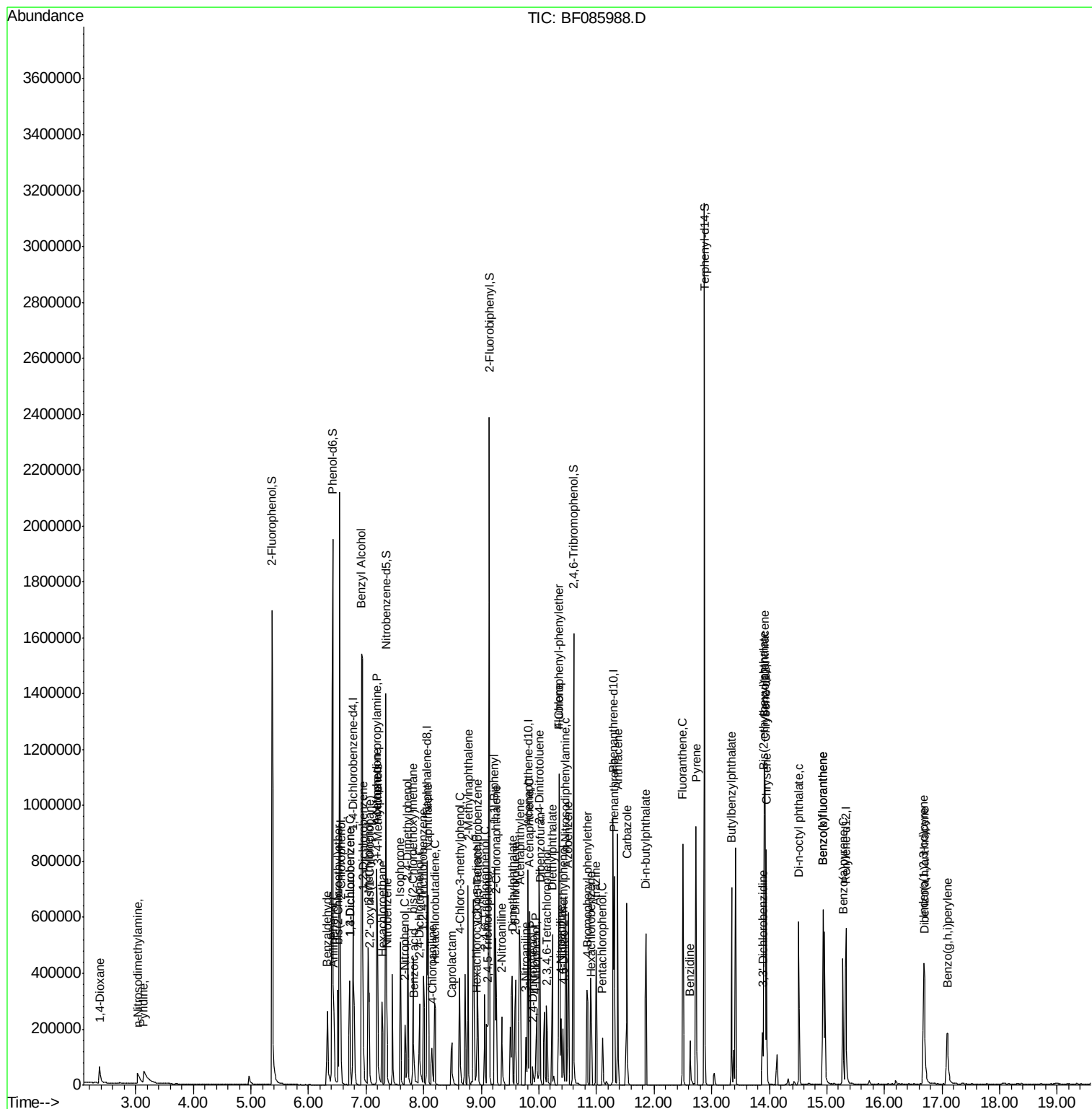
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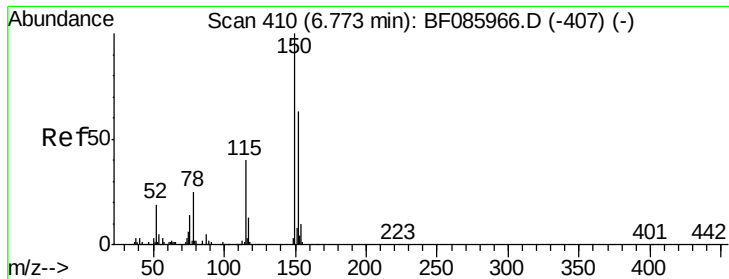
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

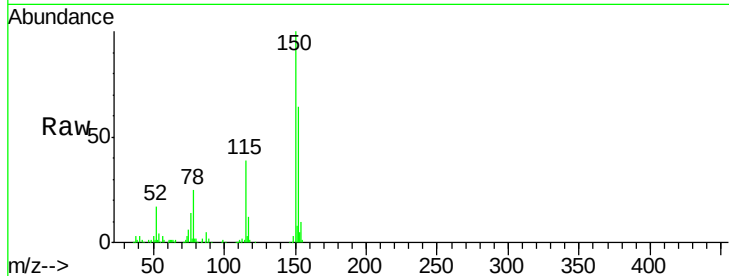
Tot Ion:152 Resp: 105372

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

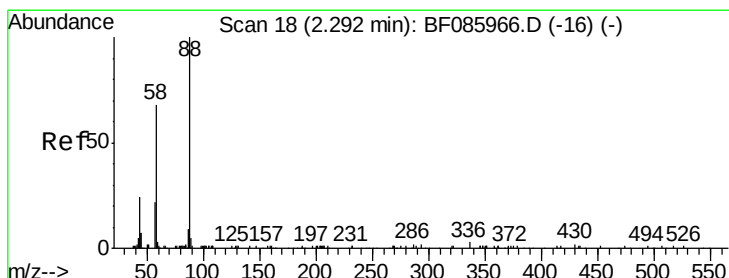
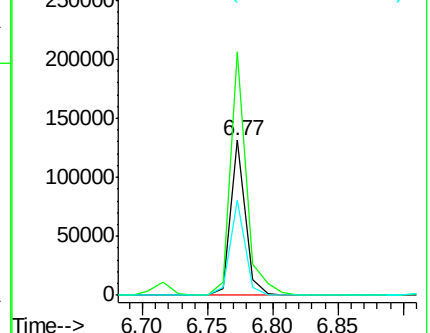
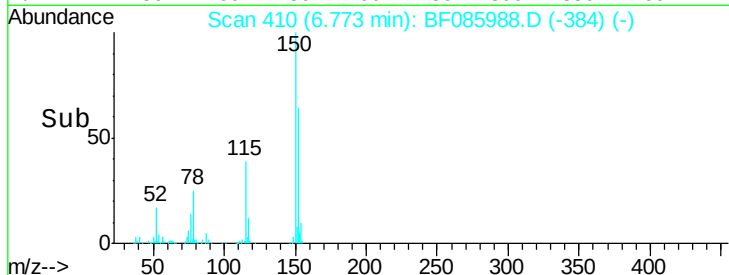
115 61.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.75 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

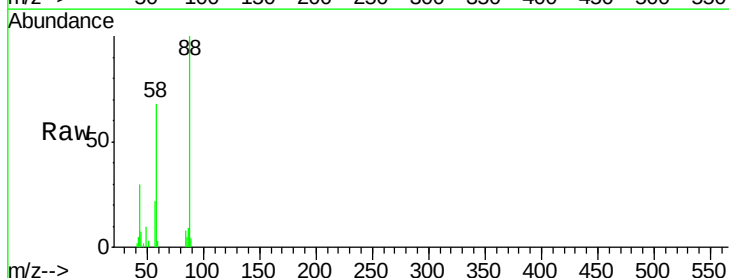
Tgt Ion: 88 Resp: 37270

Ion Ratio Lower Upper

88 100

58 66.3 54.2 81.2

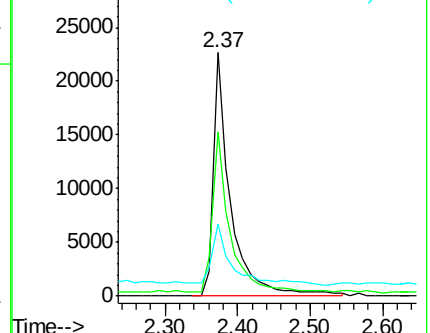
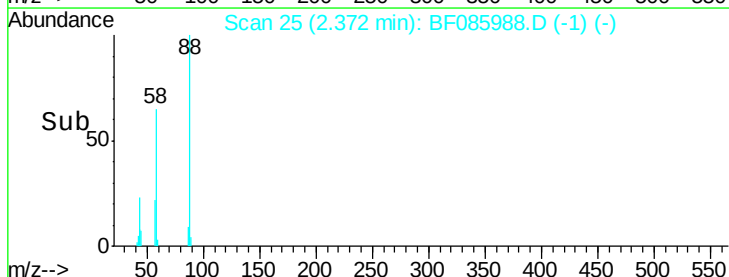
43 23.0 19.3 28.9

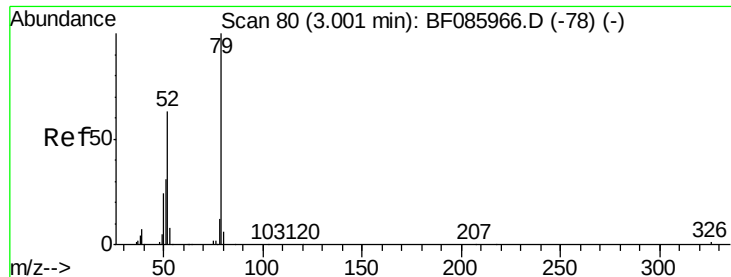


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.53 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.14 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

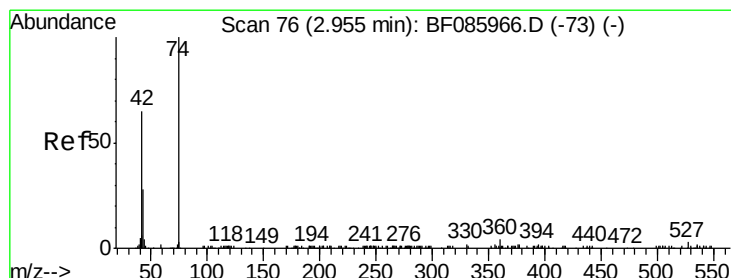
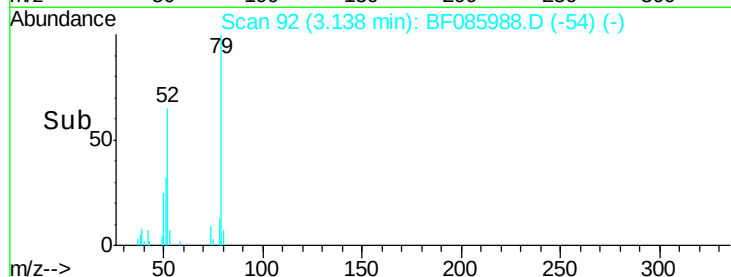
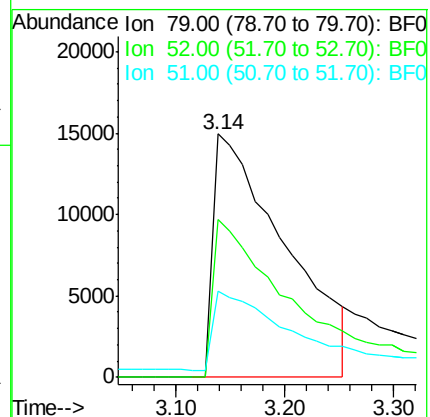
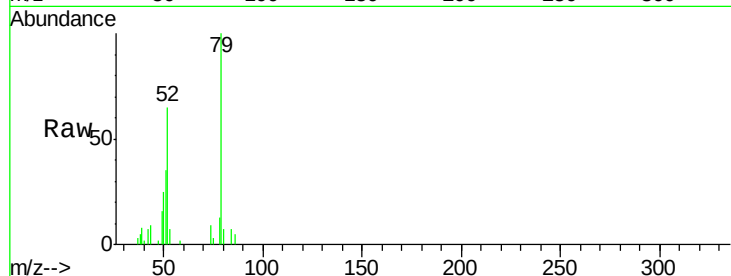
Tot Ion: 79 Resp: 68930

Ion Ratio Lower Upper

79 100

52 64.9 49.8 74.6

51 35.4 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 13.49 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.08 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

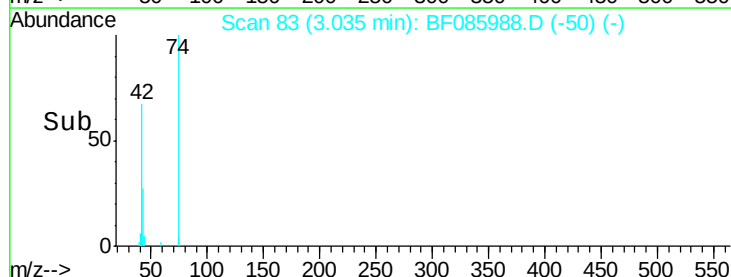
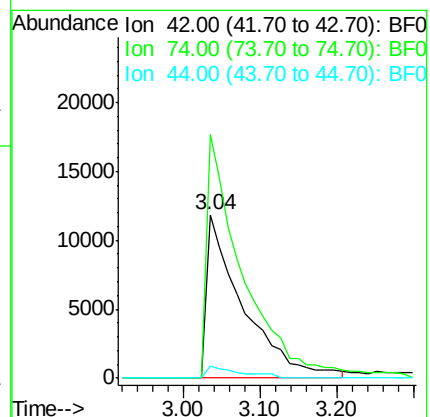
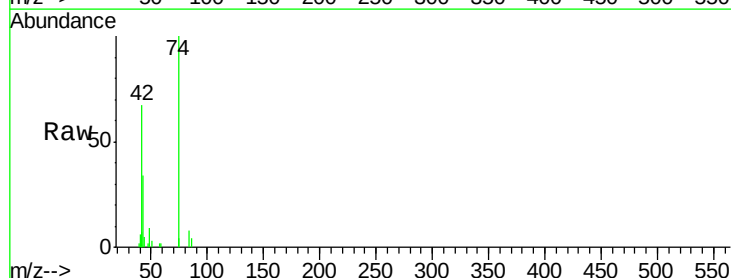
Tgt Ion: 42 Resp: 38817

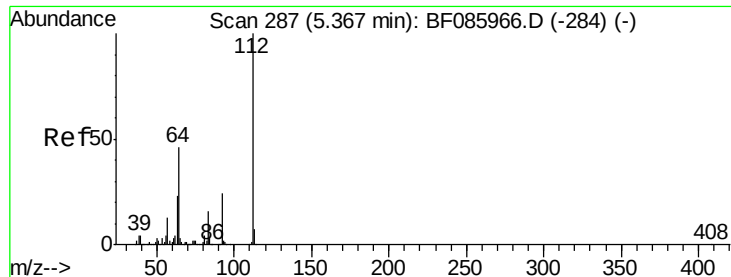
Ion Ratio Lower Upper

42 100

74 149.1 121.4 182.2

44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 111.99 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

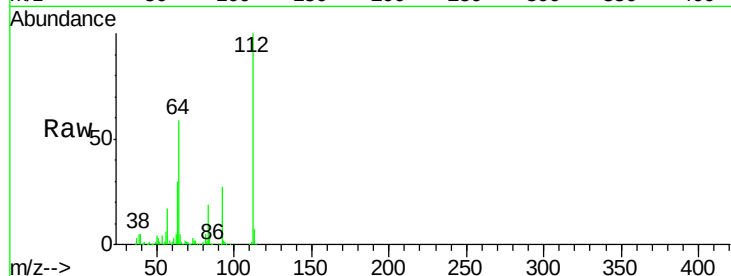
Tot Ion: 112 Resp: 690407

Ion Ratio Lower Upper

112 100

64 59.5 39.9 59.9

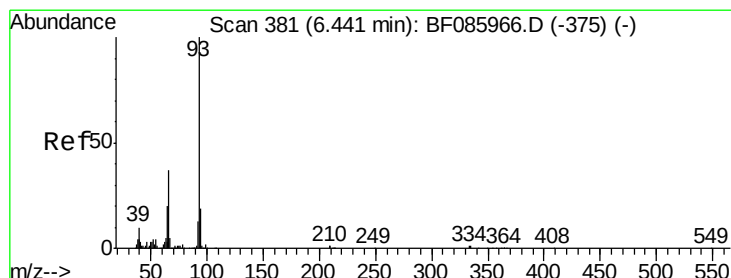
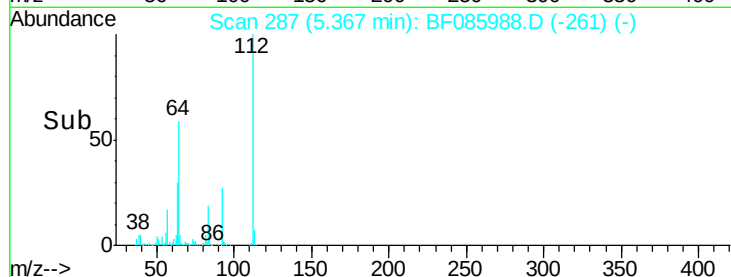
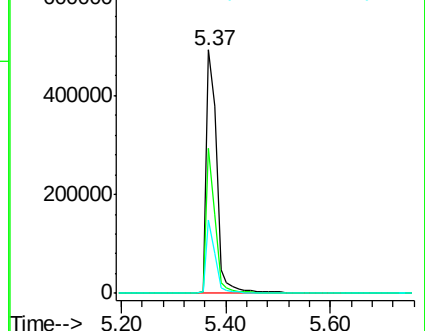
63 30.1 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.41 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

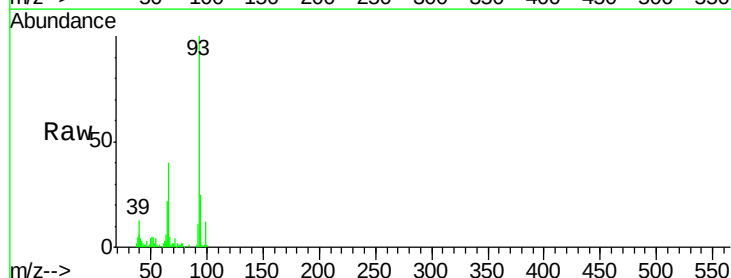
Tgt Ion: 93 Resp: 86435

Ion Ratio Lower Upper

93 100

66 40.4 31.4 47.2

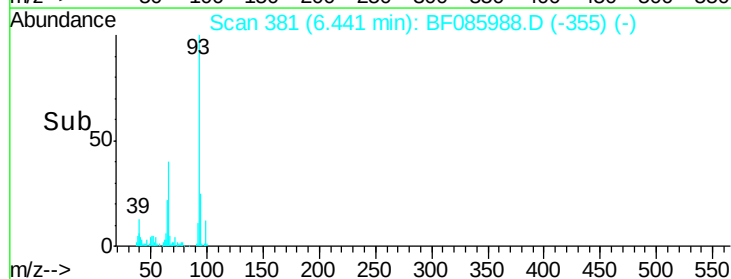
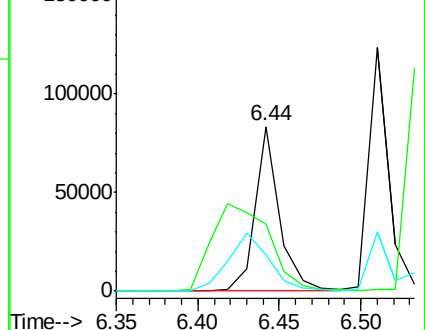
65 21.8 15.7 23.5

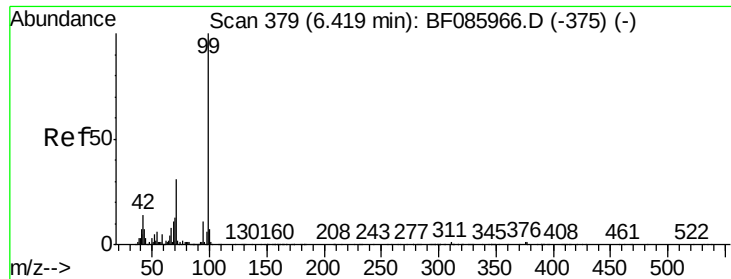


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.78 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

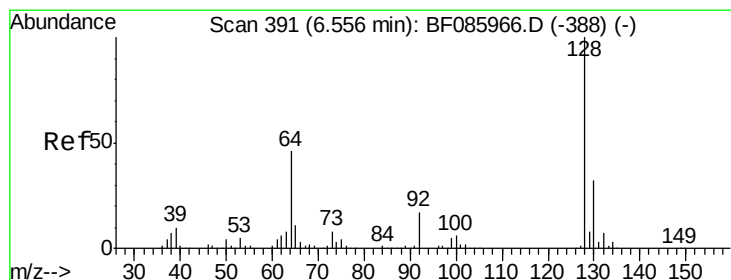
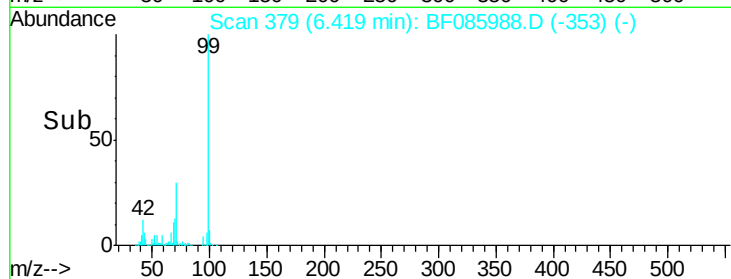
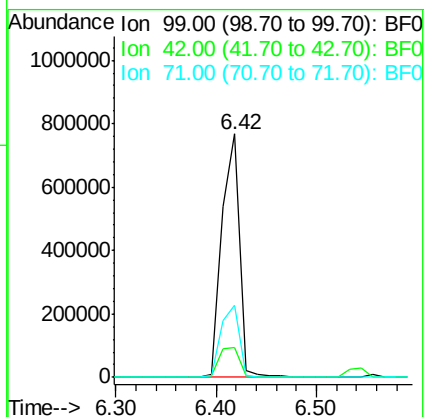
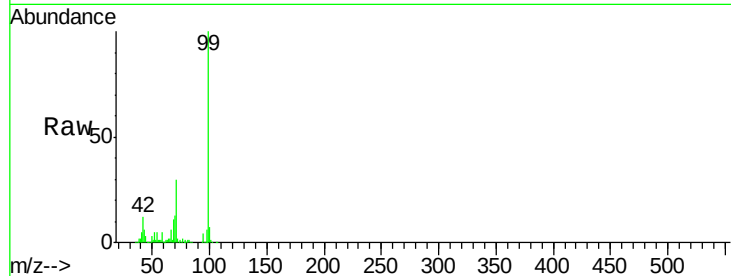
Tot Ion: 99 Resp: 937872

Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.1	16.7
71	29.8	24.9	37.3

99 100

42 12.4 11.1 16.7

71 29.8 24.9 37.3



#8

2-Chlorophenol

Concen: 15.59 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

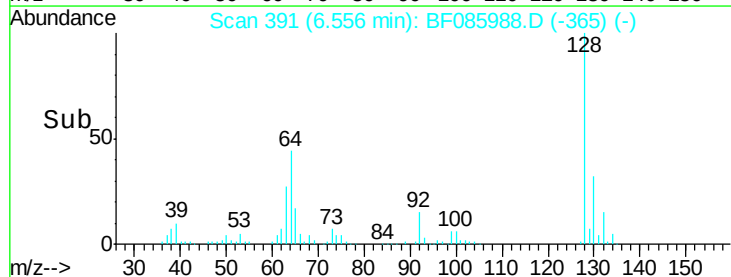
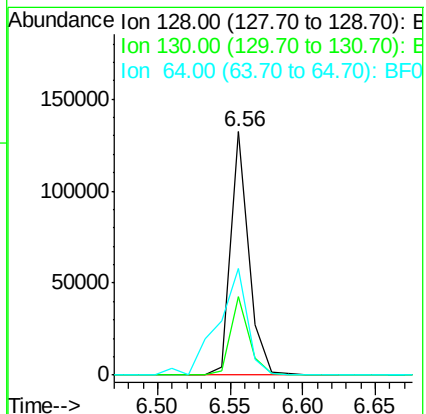
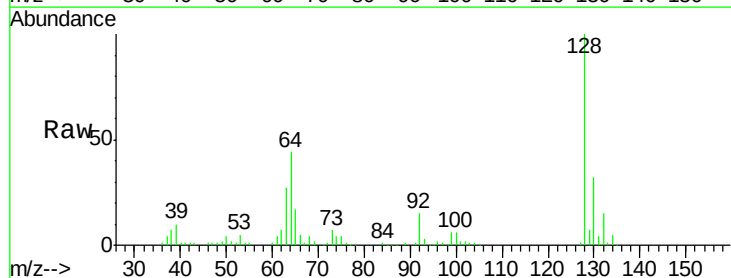
Tgt Ion: 128 Resp: 114646

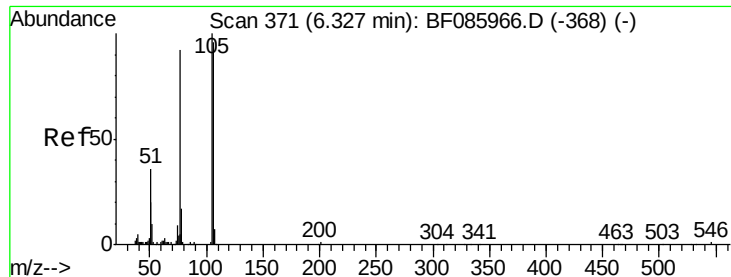
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	43.7	20.2	60.2

128 100

130 32.3 12.9 52.9

64 43.7 20.2 60.2





#9

Benzaldehyde

Concen: 19.54 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

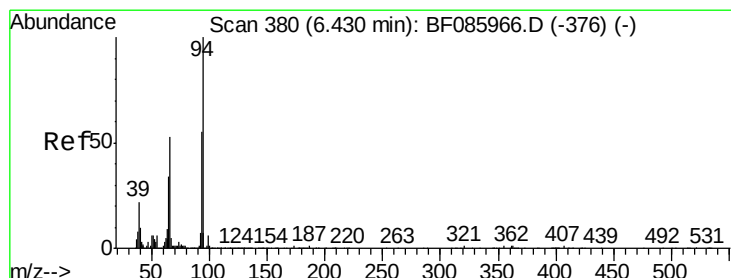
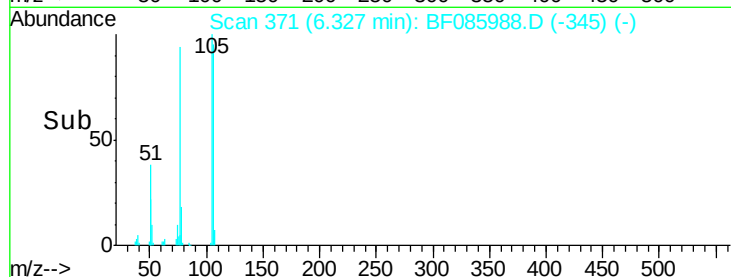
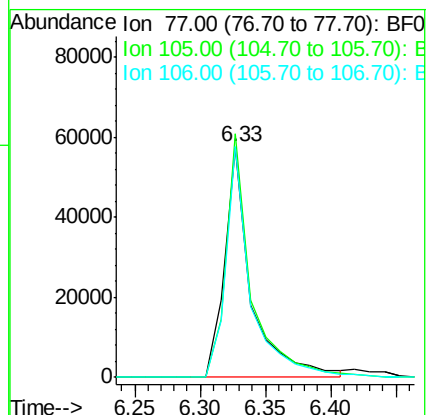
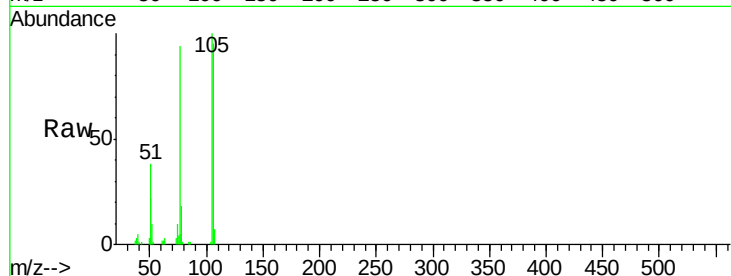
Tot Ion: 77 Resp: 82330

Ion Ratio Lower Upper

77 100

105 105.8 80.1 120.1

106 100.2 75.0 115.0



#10

Phenol

Concen: 13.88 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

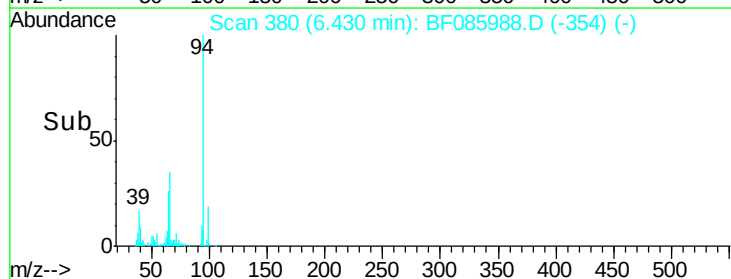
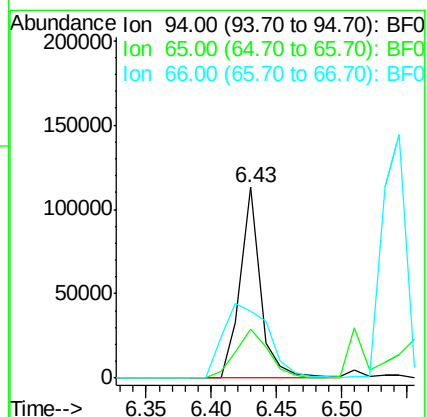
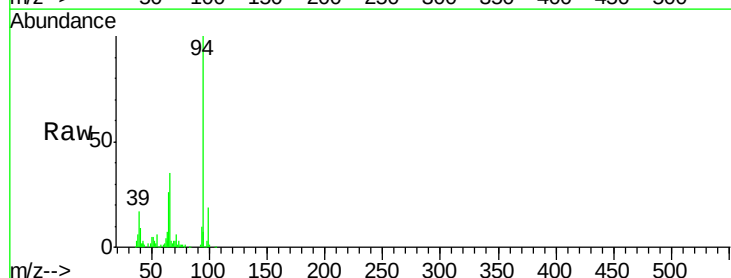
Tgt Ion: 94 Resp: 123982

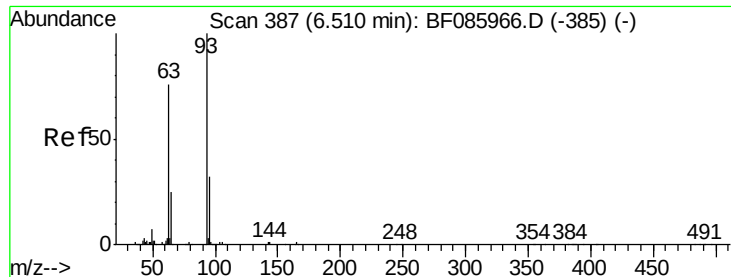
Ion Ratio Lower Upper

94 100

65 25.8 8.6 48.6

66 35.1 20.0 60.0

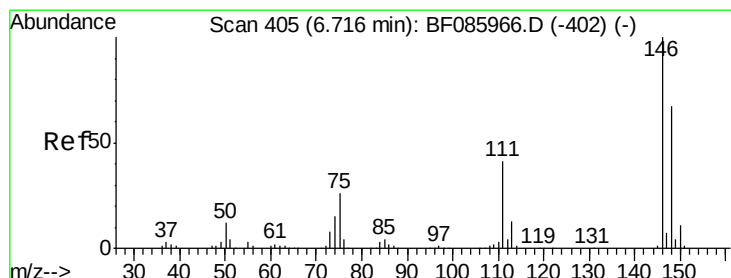
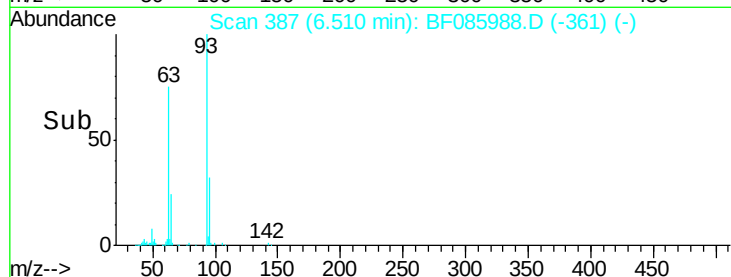
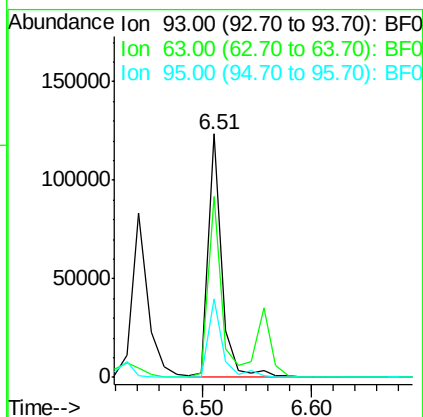
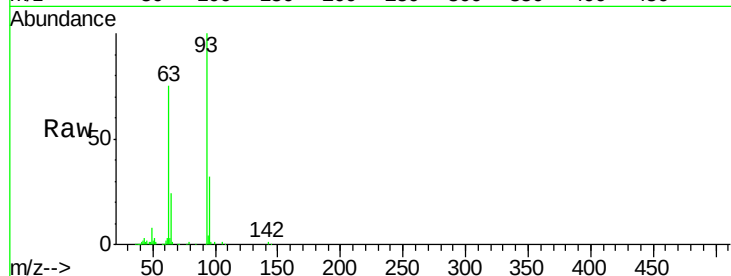




#11
bis(2-Chloroethyl)ether
Concen: 15.61 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

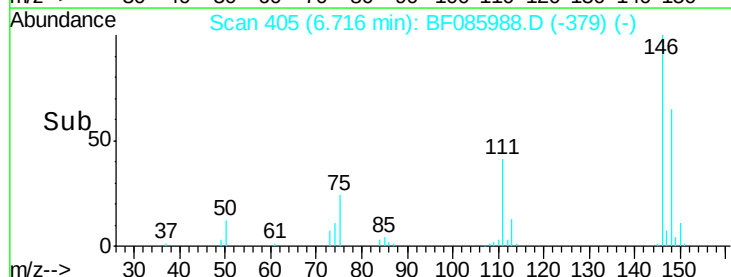
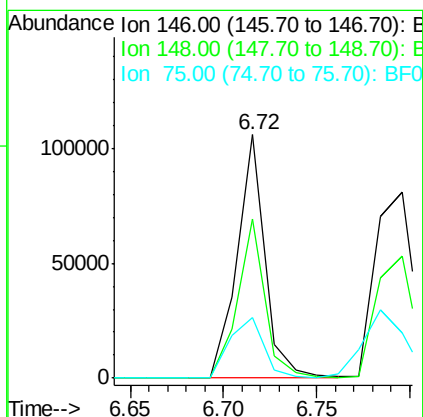
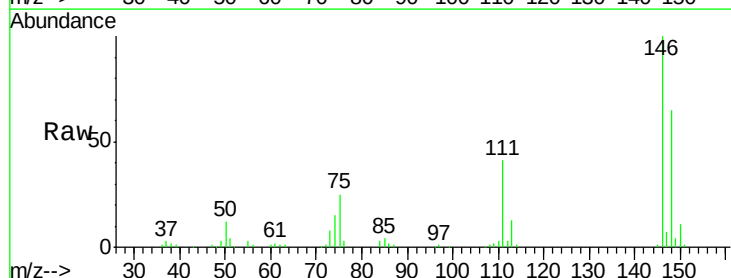
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

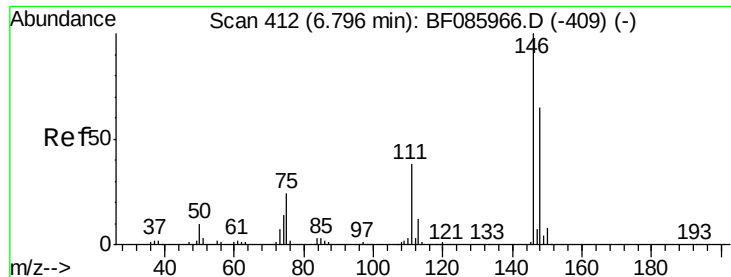
Tot Ion: 93 Resp: 110383
Ion Ratio Lower Upper
93 100
63 74.5 50.9 90.9
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 14.19 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion: 146 Resp: 110531
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 24.9 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 13.77 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.08 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

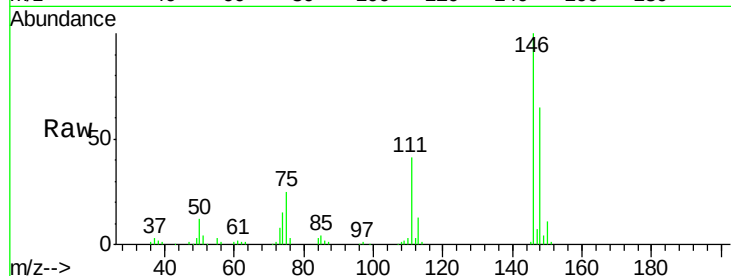
Tot Ion:146 Resp: 110531

Ion Ratio Lower Upper

146 100

148 65.3 50.6 76.0

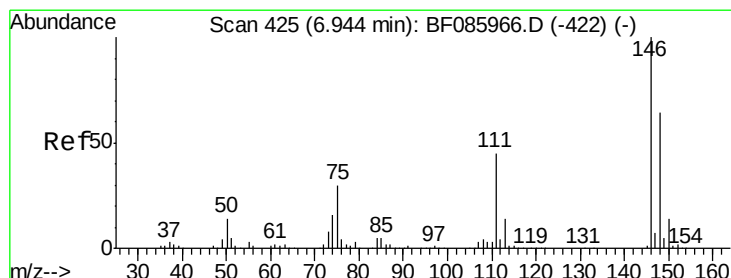
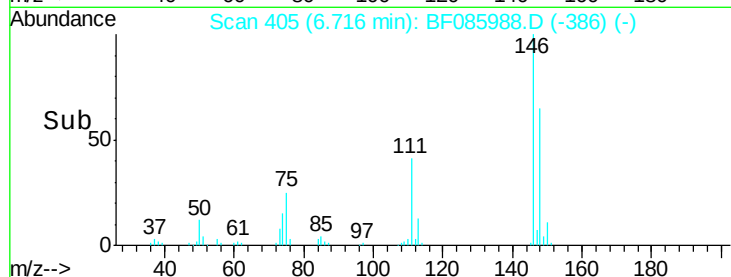
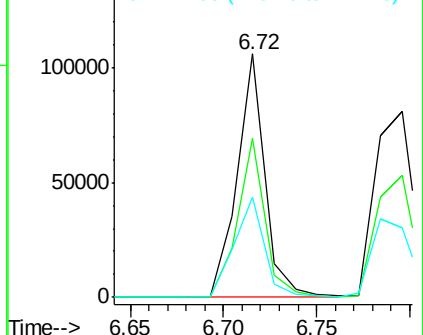
111 41.1 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 14.89 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

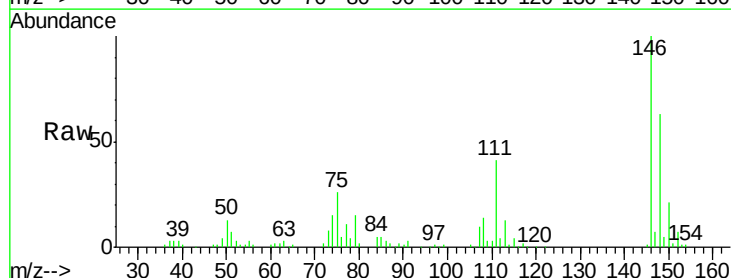
Tgt Ion:146 Resp: 110019

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

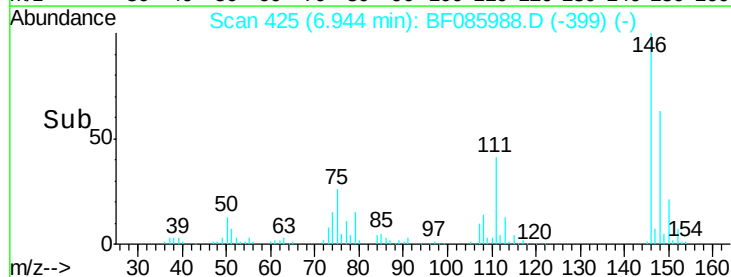
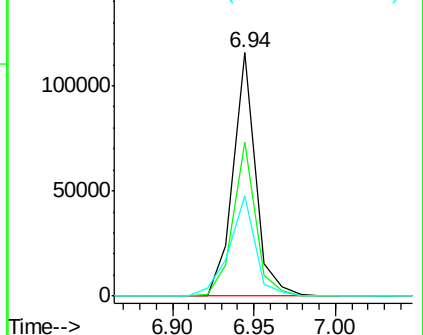
111 41.2 34.6 52.0

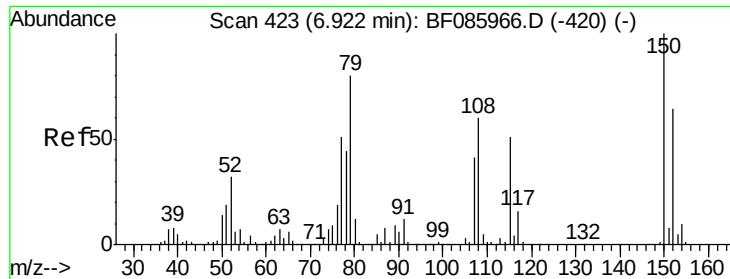


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

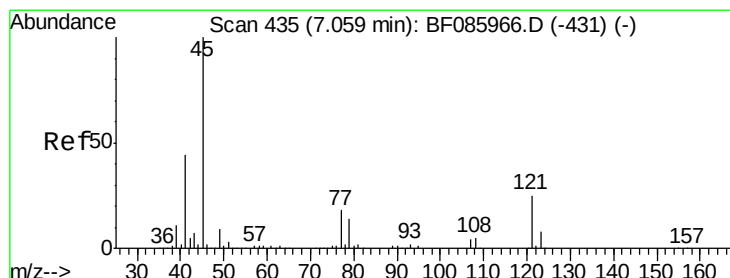
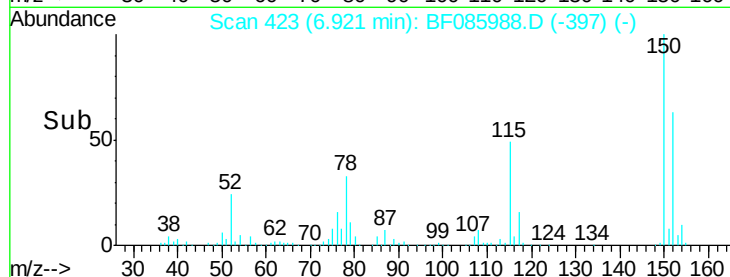
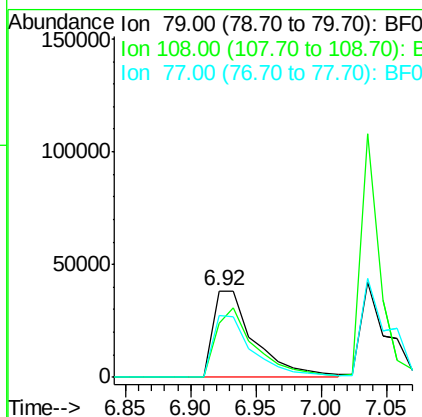
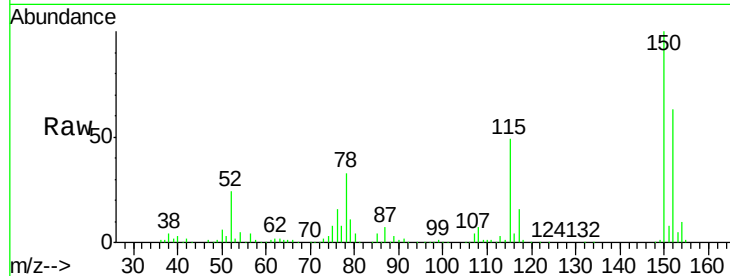




#15
Benzyl Alcohol
Concen: 16.89 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

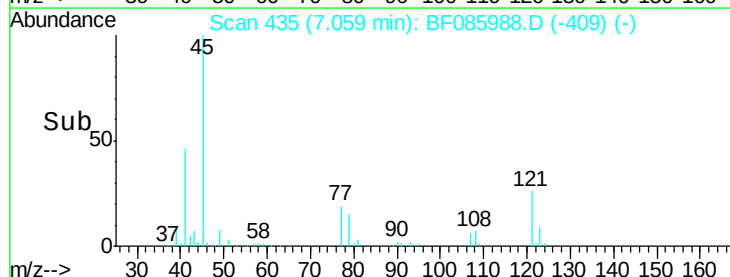
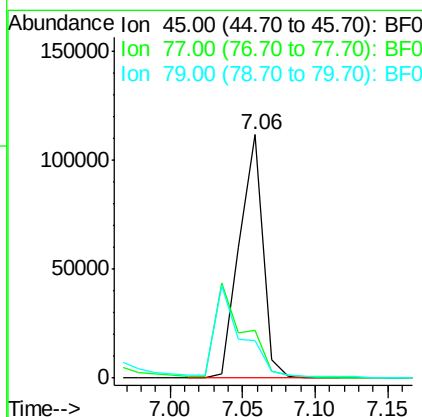
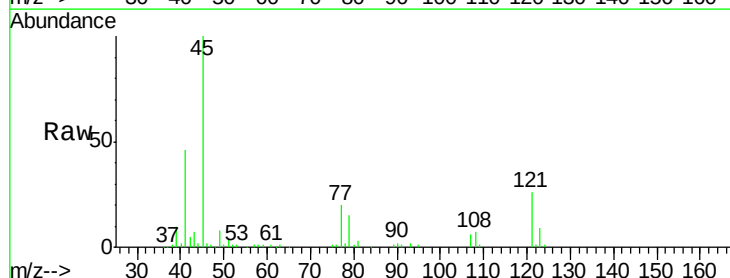
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

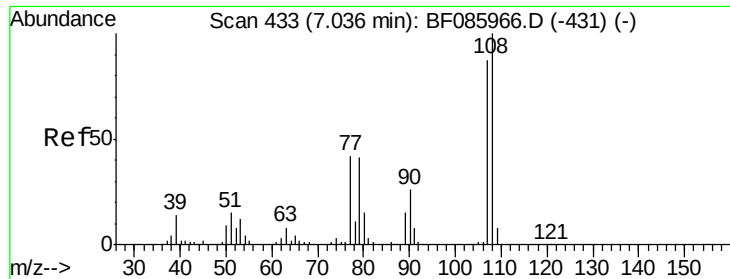
Tot Ion: 79 Resp: 85563
Ion Ratio Lower Upper
79 100
108 62.9 61.8 92.6
77 71.3 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 14.54 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion: 45 Resp: 125601
Ion Ratio Lower Upper
45 100
77 19.6 0.0 35.7
79 15.2 0.0 32.2





#17

2-Methylphenol

Concen: 16.41 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:107 Resp: 95096

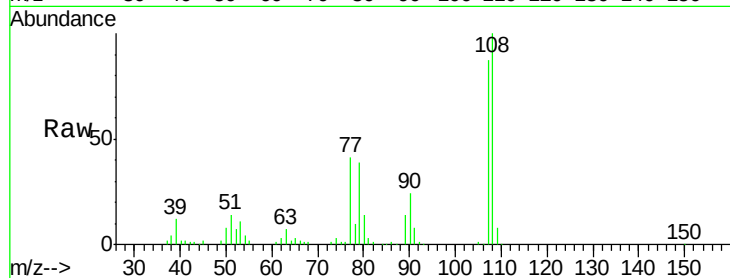
Ion Ratio Lower Upper

107 100

108 114.5 91.4 137.0

77 46.6 36.2 54.2

79 45.0 35.8 53.8

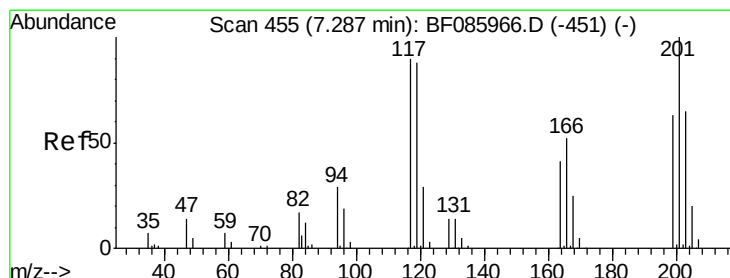
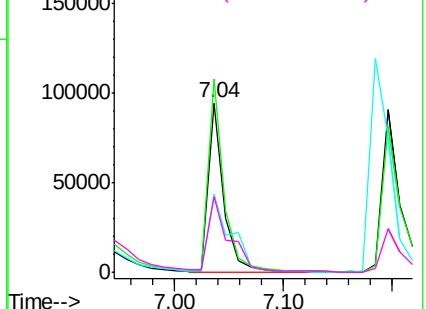
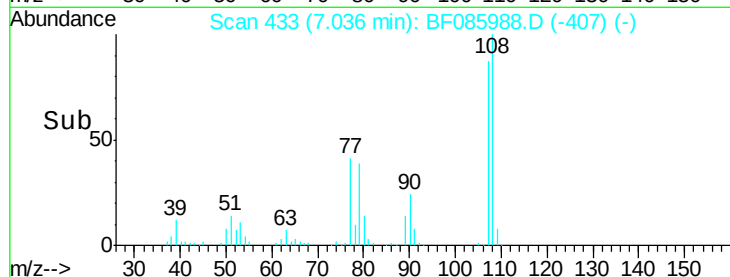


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 14.38 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

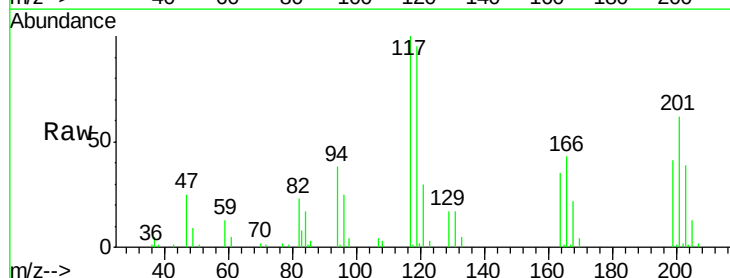
Tgt Ion:117 Resp: 42472

Ion Ratio Lower Upper

117 100

119 94.5 76.7 115.1

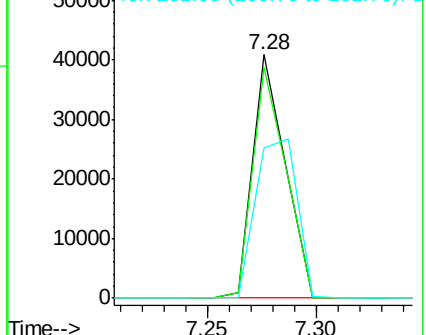
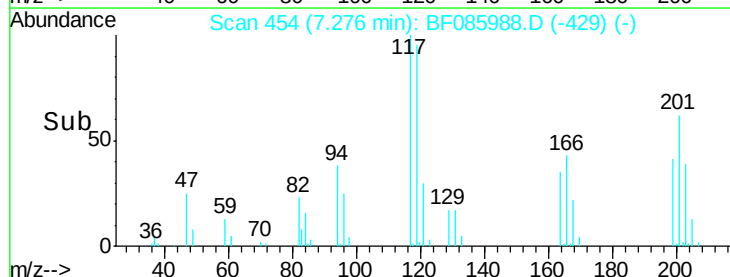
201 61.6 83.3 124.9#

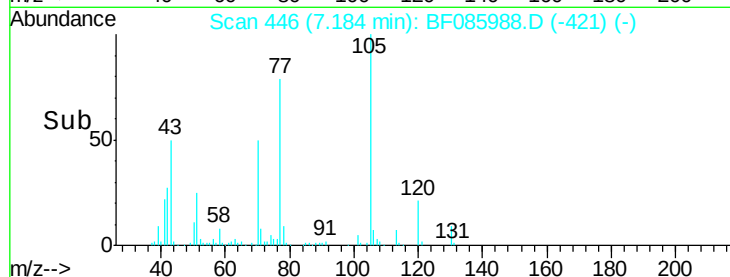
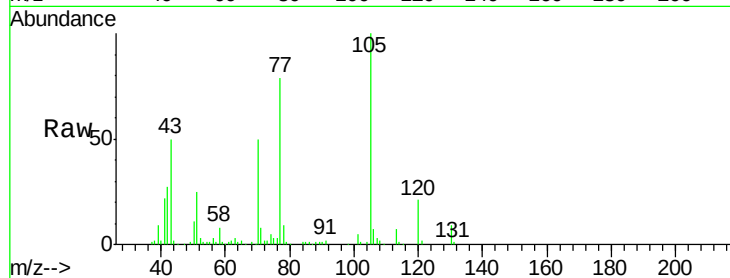
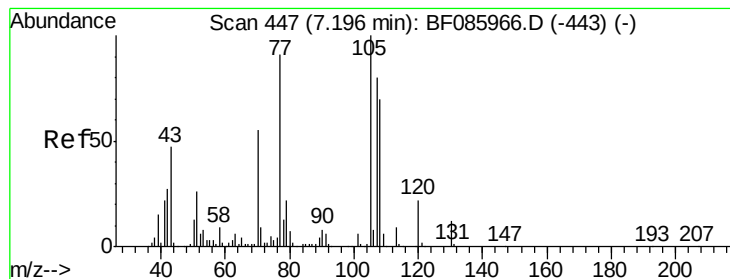


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.15 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion: 70 Resp: 73521

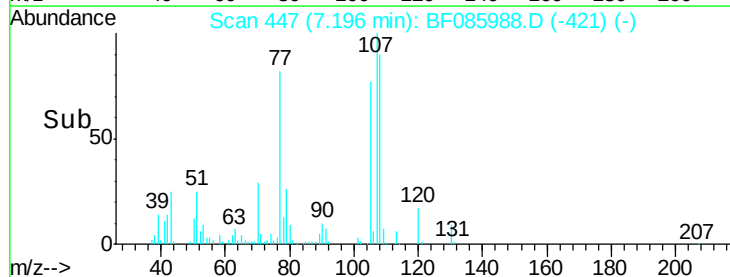
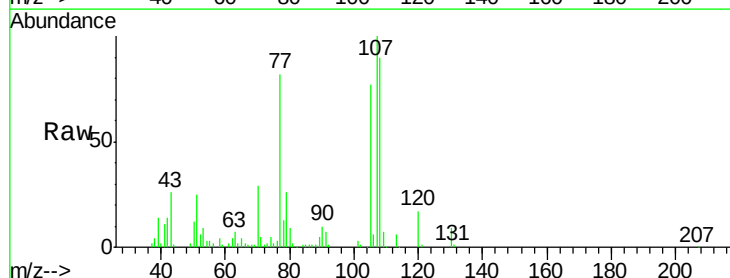
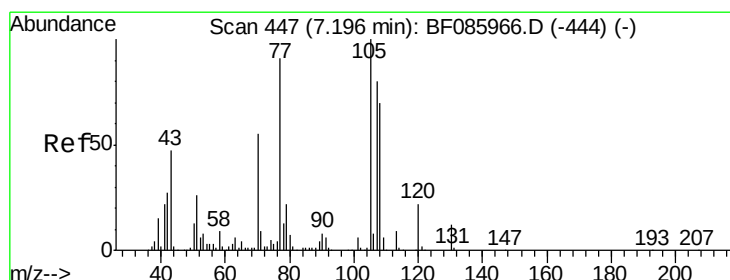
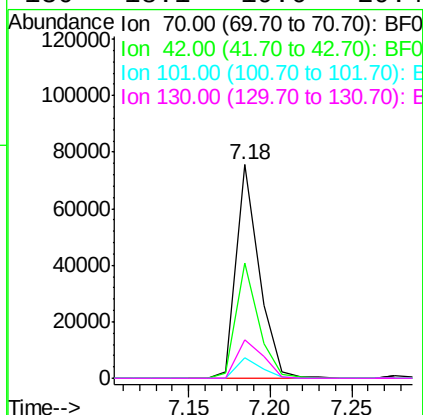
Ion Ratio Lower Upper

70 100

42 54.1 37.1 55.7

101 9.4 8.6 12.8

130 18.1 19.6 29.4#



#20

3+4-Methylphenols

Concen: 16.37 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion: 107 Resp: 115430

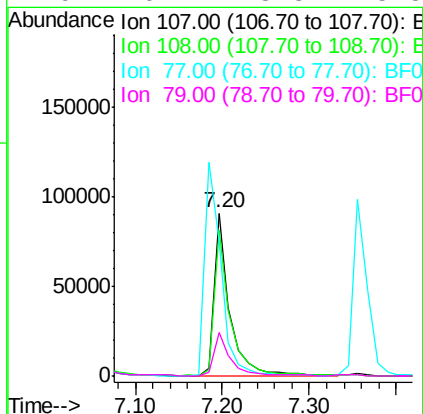
Ion Ratio Lower Upper

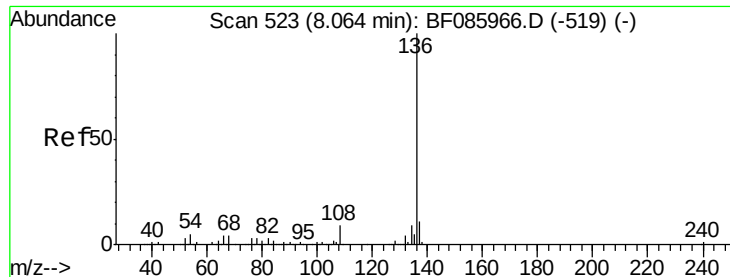
107 100

108 89.5 69.3 109.3

77 82.4 101.7 141.7#

79 26.4 8.3 48.3

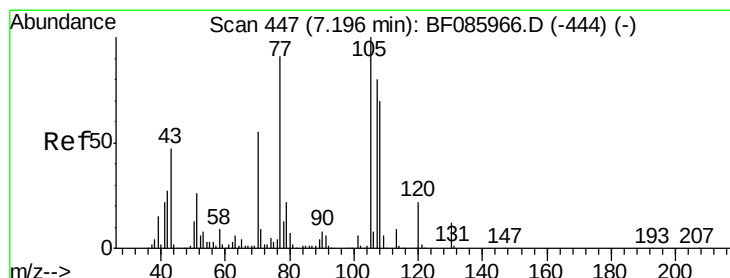
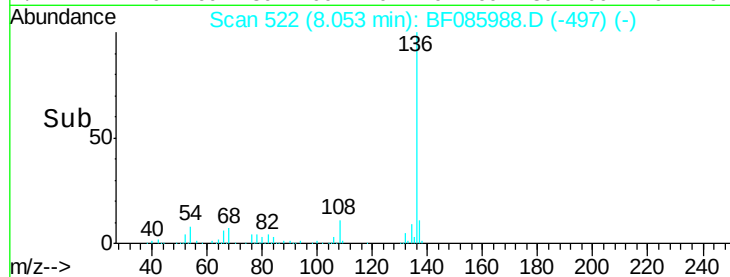
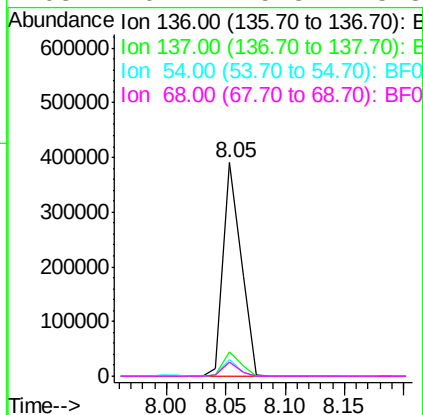
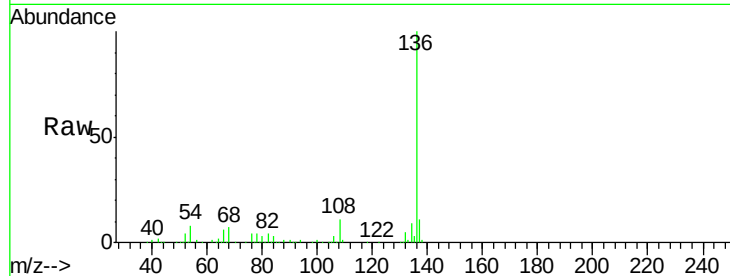




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

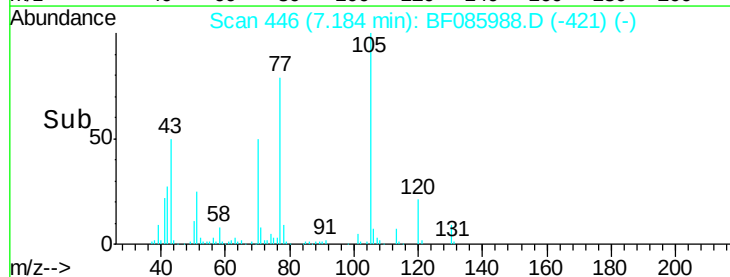
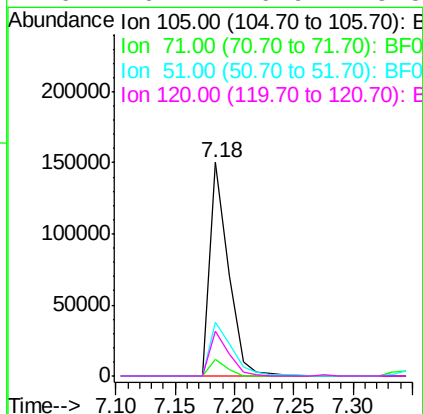
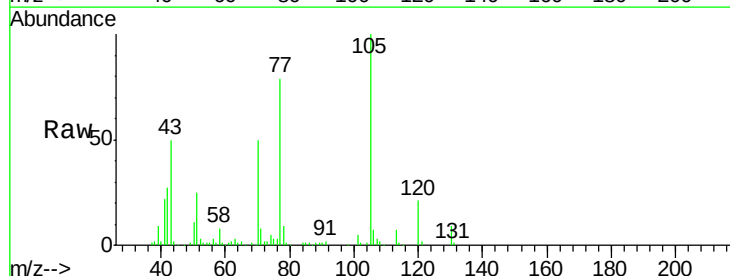
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

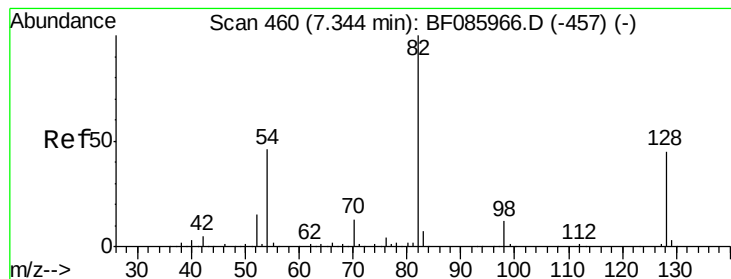
Tot Ion:136	Resp:	406216
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.1	7.4 11.0
68	6.7	5.8 8.8



#22
Acetophenone
Concen: 16.95 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:105	Resp:	161859
Ion Ratio	Lower	Upper
105	100	
71	8.1	3.6 5.4#
51	25.1	25.4 38.0#
120	20.7	16.9 25.3





#23

Nitrobenzene-d5

Concen: 83.21 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

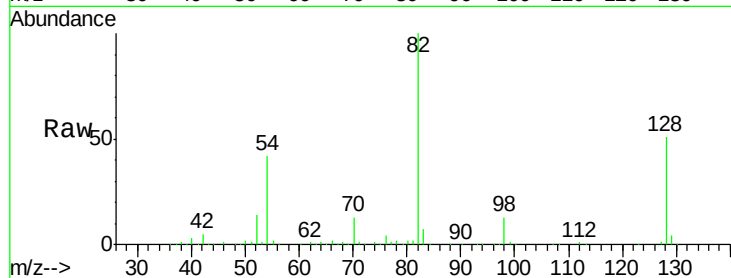
Tot Ion: 82 Resp: 573167

Ion Ratio Lower Upper

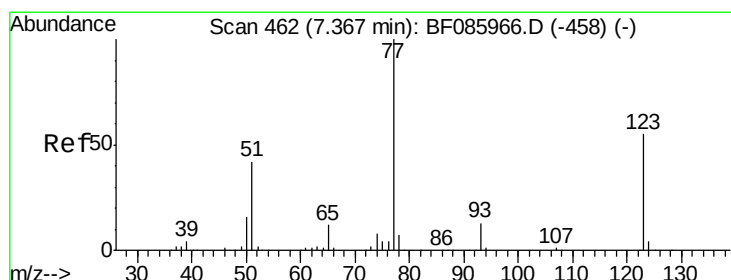
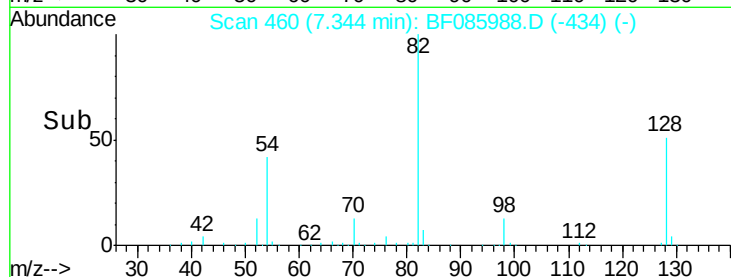
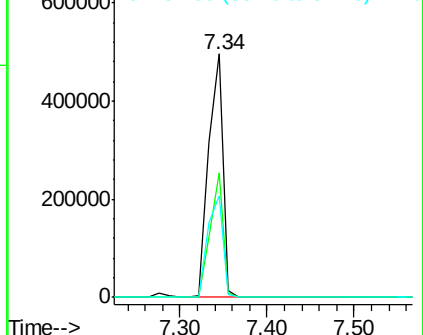
82 100

128 51.0 41.8 62.8

54 41.9 33.4 50.0



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



#24

Nitrobenzene

Concen: 14.74 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

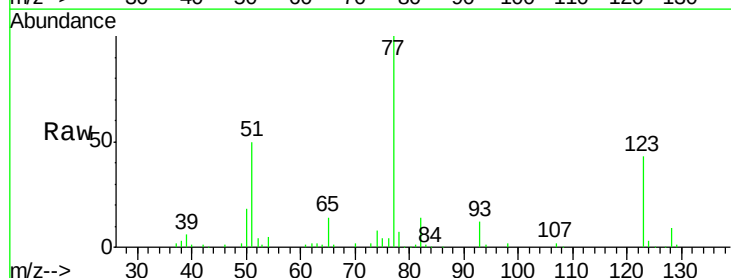
Tgt Ion: 77 Resp: 111060

Ion Ratio Lower Upper

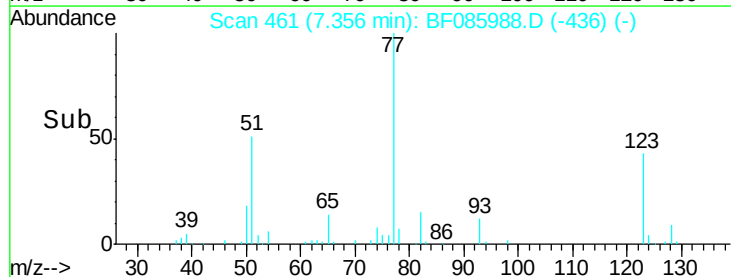
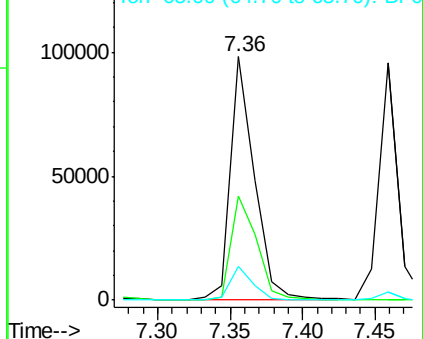
77 100

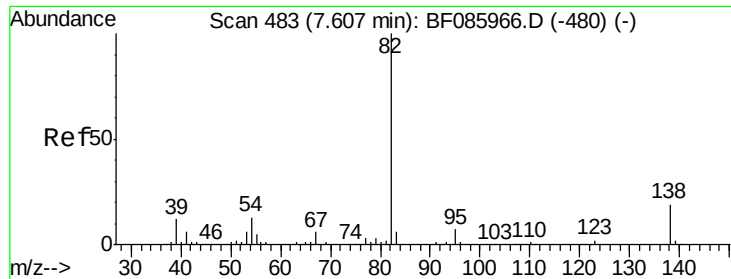
123 42.6 35.0 52.4

65 13.9 10.6 16.0



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





#25

Isophorone

Concen: 15.50 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

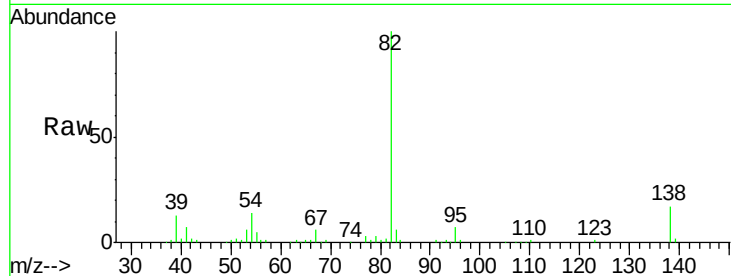
Tot Ion: 82 Resp: 210782

Ion Ratio Lower Upper

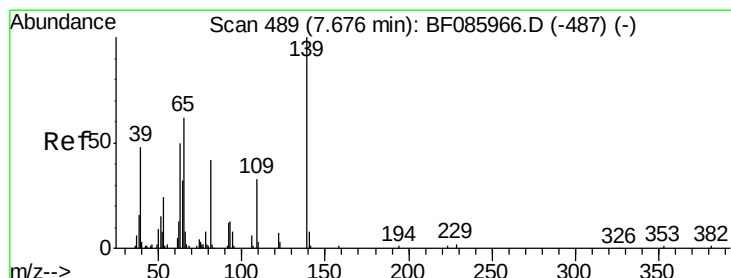
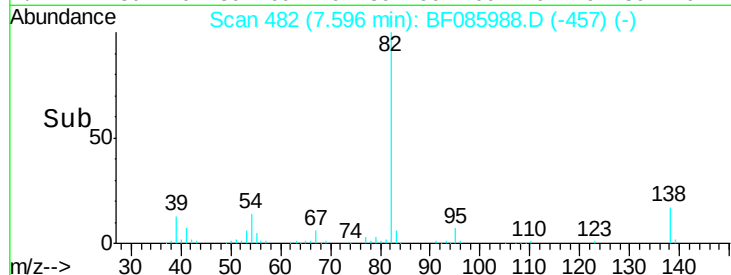
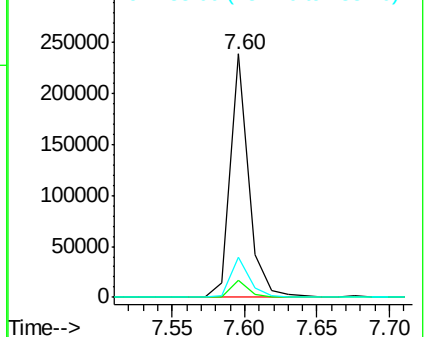
82 100

95 6.8 5.4 8.2

138 16.6 12.9 19.3



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



#26

2-Nitrophenol

Concen: 14.66 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

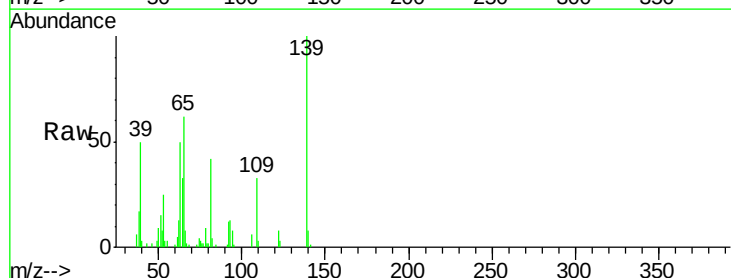
Tgt Ion: 139 Resp: 52873

Ion Ratio Lower Upper

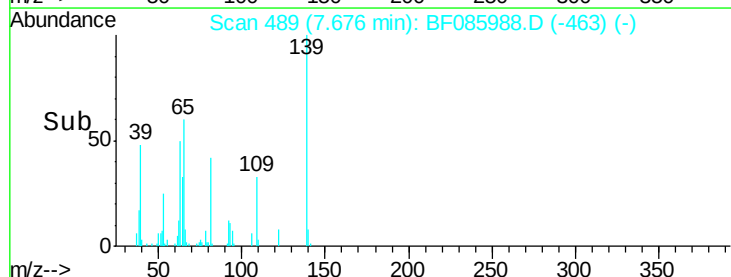
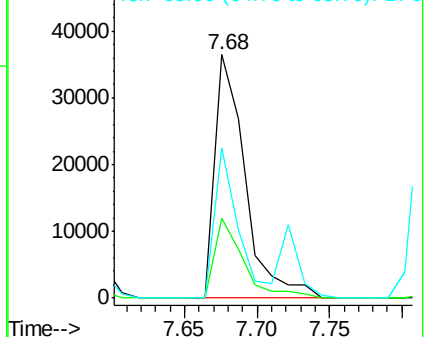
139 100

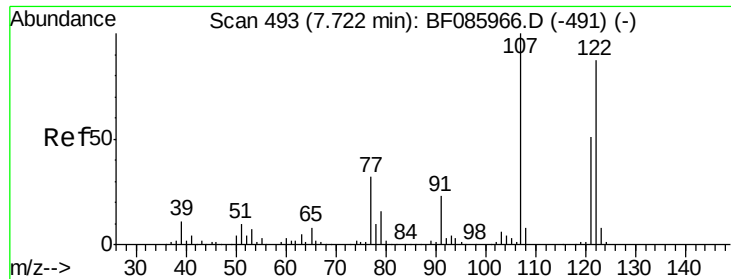
109 32.8 22.1 33.1

65 61.8 33.9 50.9#



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





#27

2,4-Dimethylphenol

Concen: 16.41 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

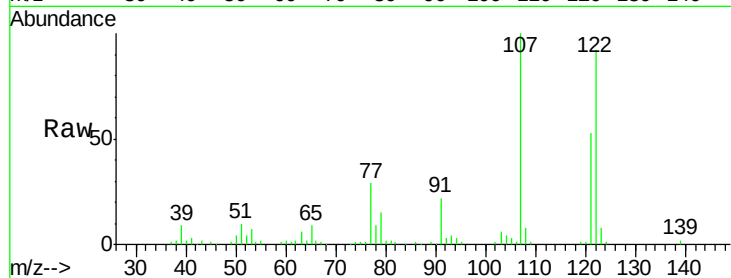
Tot Ion:122 Resp: 106257

Ion Ratio Lower Upper

122 100

107 108.7 93.0 139.6

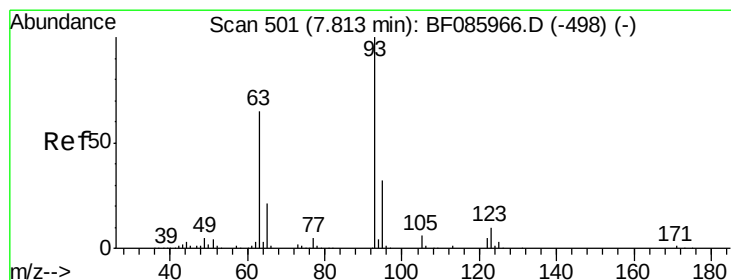
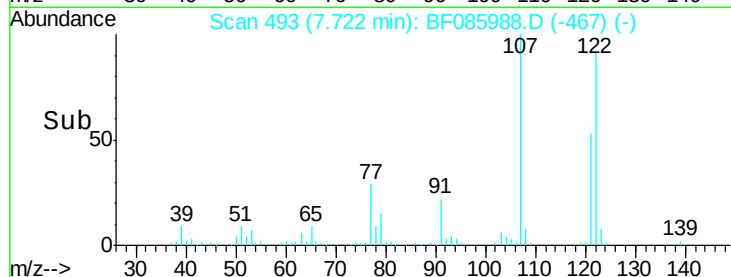
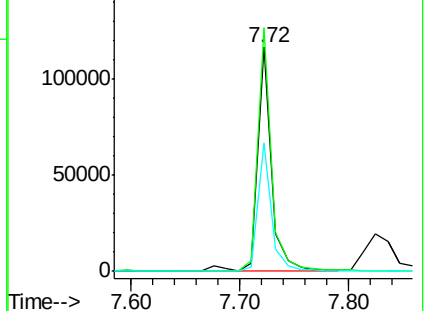
121 57.1 45.9 68.9



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: 16.68 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

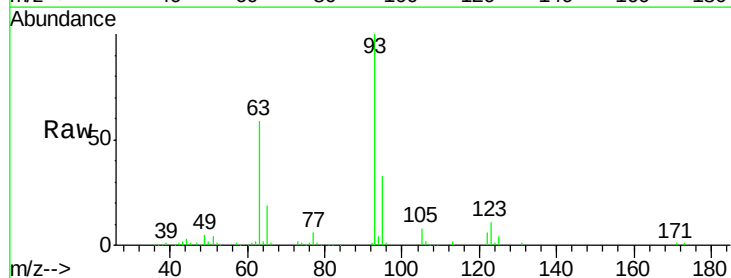
Tgt Ion: 93 Resp: 133116

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

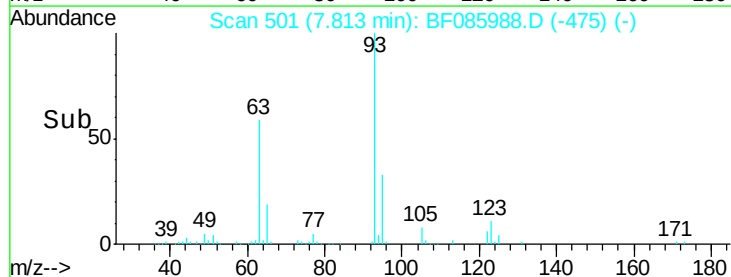
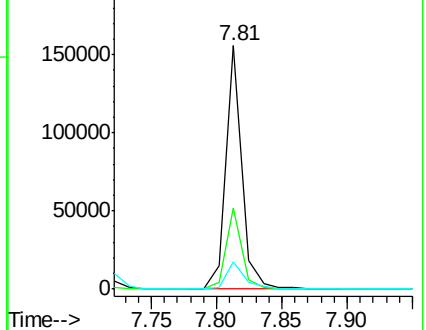
123 11.2 9.8 14.6

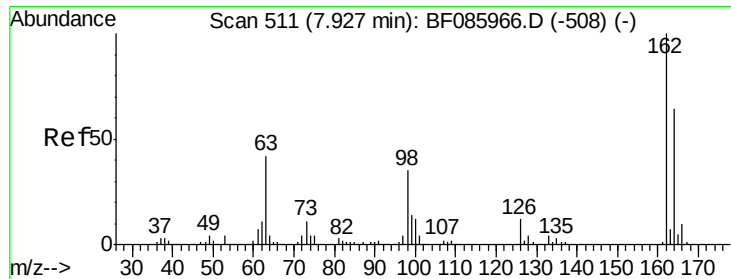


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

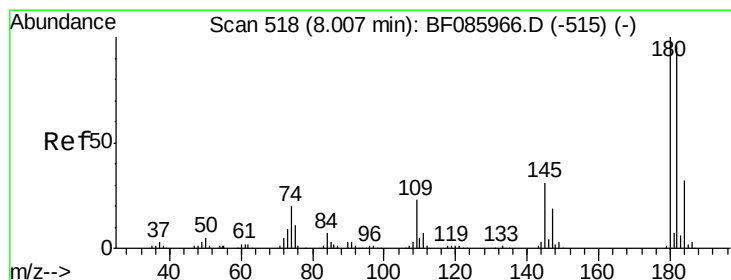
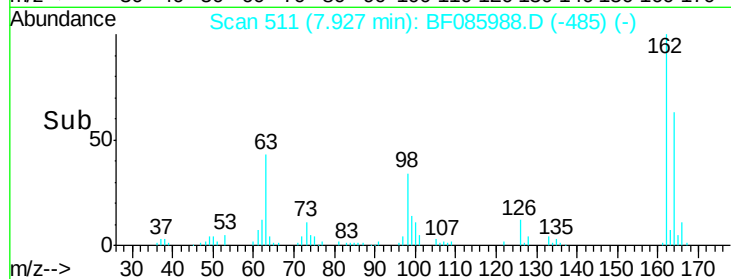
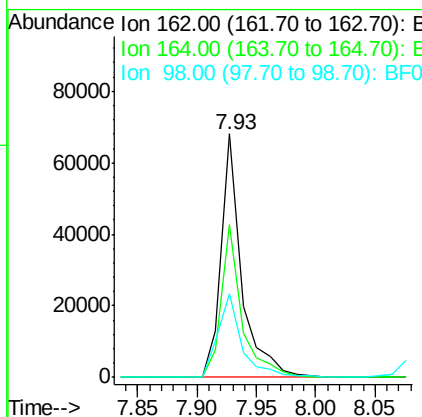
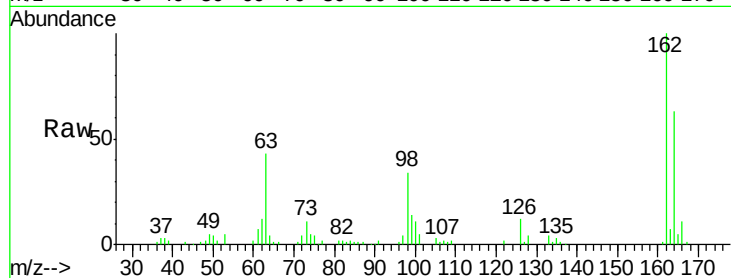




#29
 2,4-Dichlorophenol
 Concen: 14.87 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

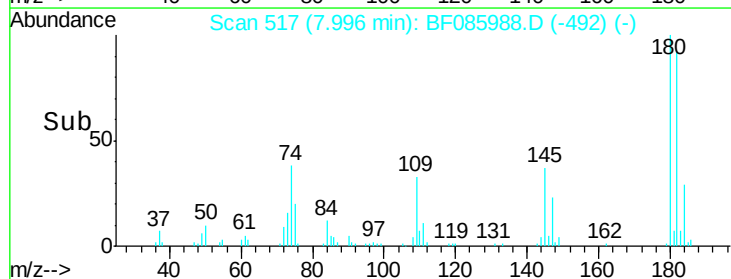
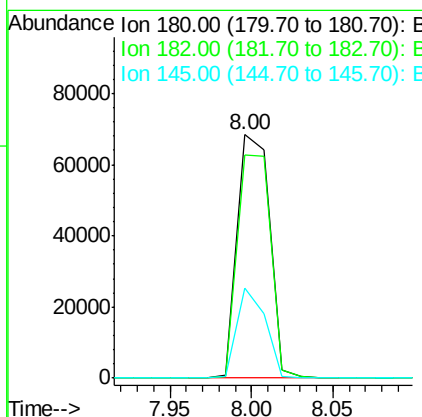
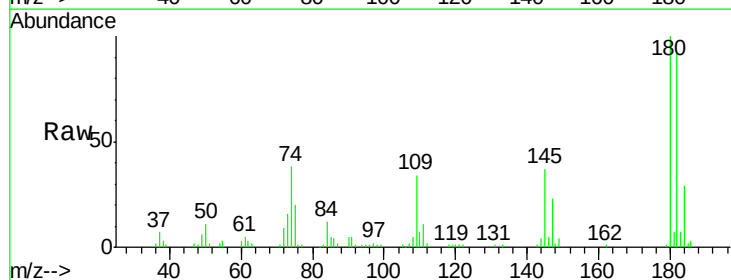
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

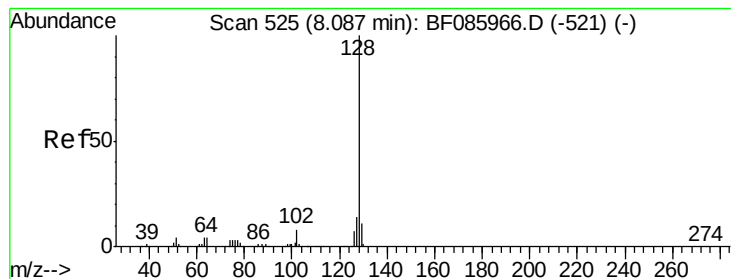
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.7	83.7
98	34.5	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 15.21 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	73.8	110.8
145	37.1	28.4	42.6





#31

Naphthalene

Concen: 15.79 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

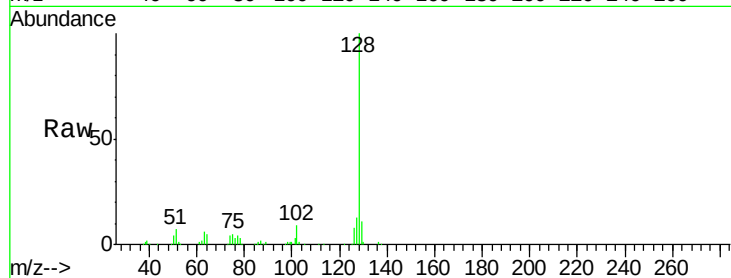
Tot Ion:128 Resp: 322685

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

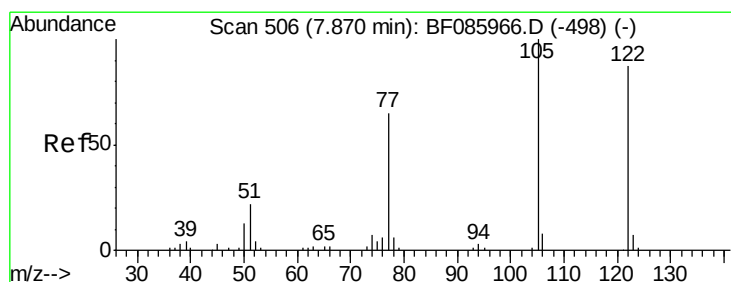
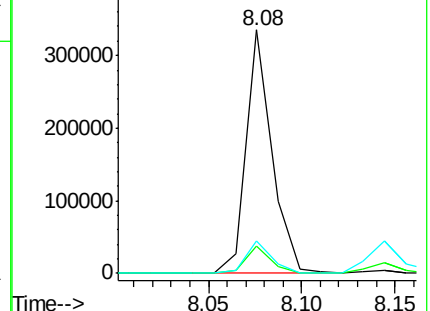
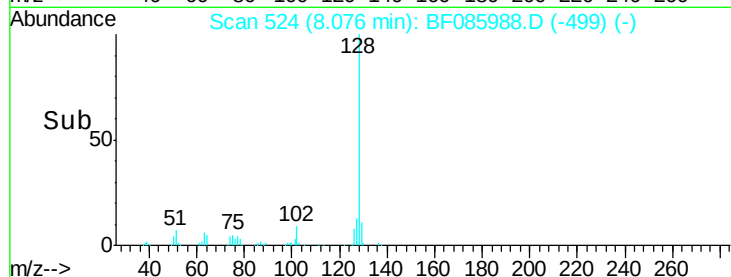
127 13.2 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.93 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

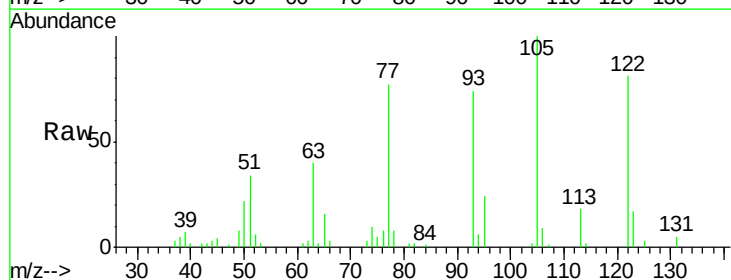
Tgt Ion:122 Resp: 42419

Ion Ratio Lower Upper

122 100

105 124.2 102.9 142.9

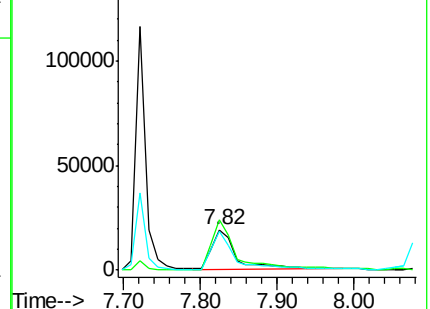
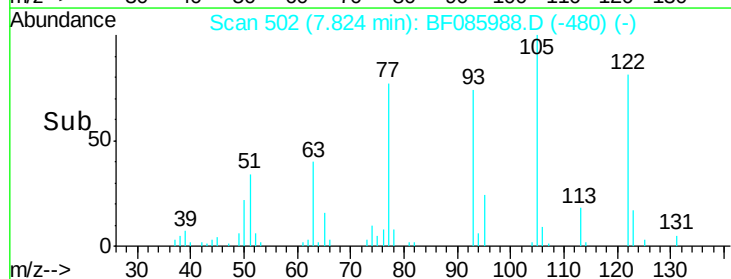
77 95.3 71.8 111.8

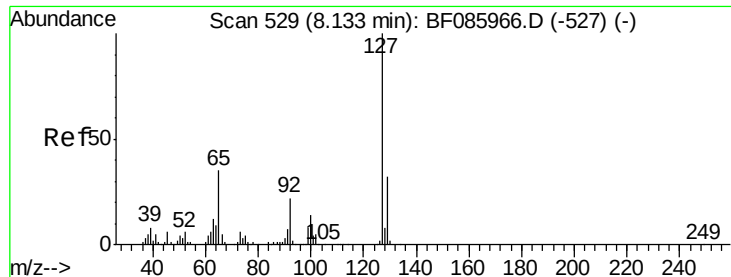


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

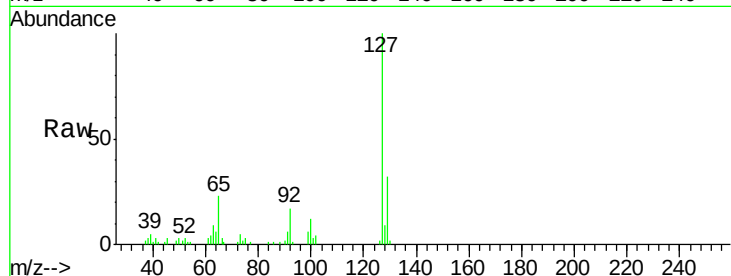




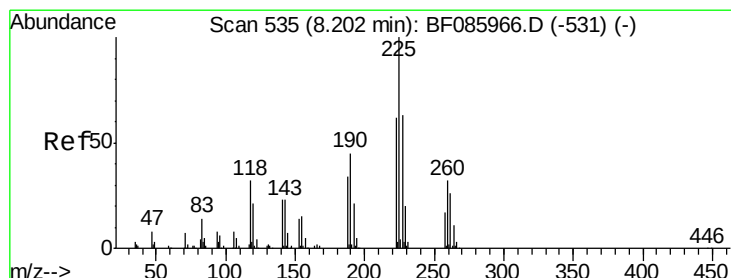
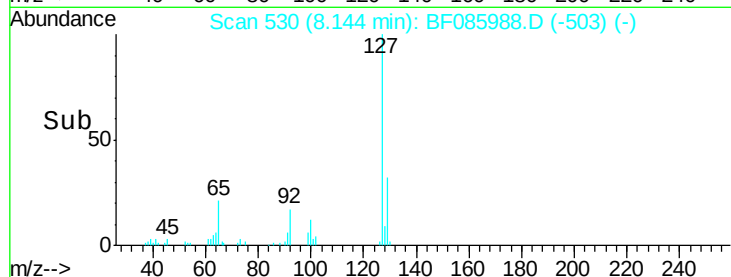
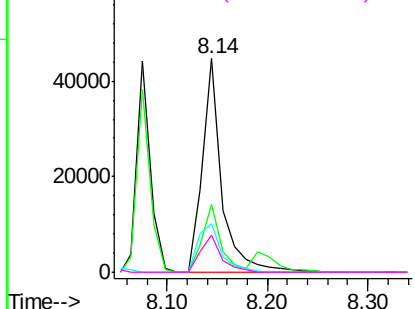
#33
4-Chloroaniline
Concen: 7.24 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:	127	Resp:	59794
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	22.8	19.5	29.3
92	17.3	14.6	22.0

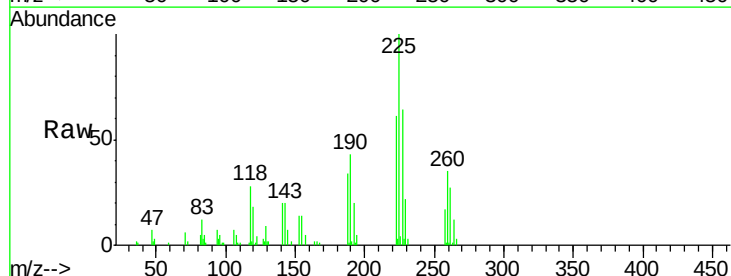


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

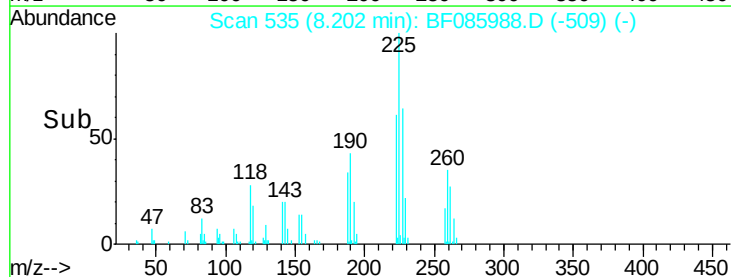
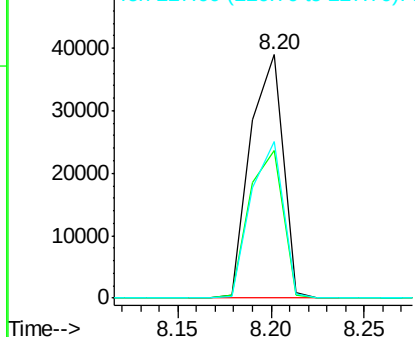


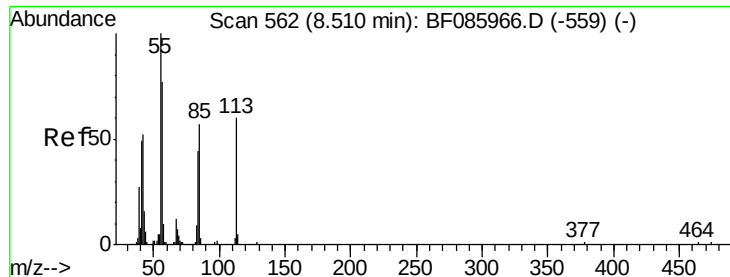
#34
Hexachlorobutadiene
Concen: 14.32 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:	225	Resp:	47299
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.4	75.6
227	64.1	51.4	77.2



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

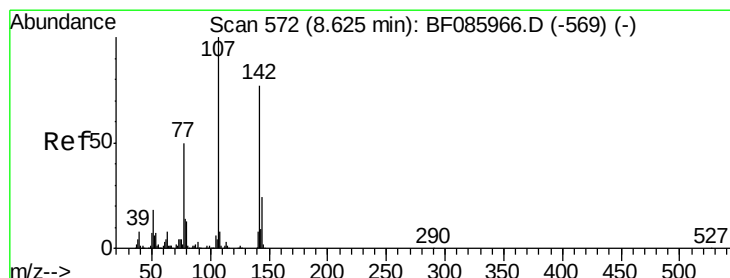
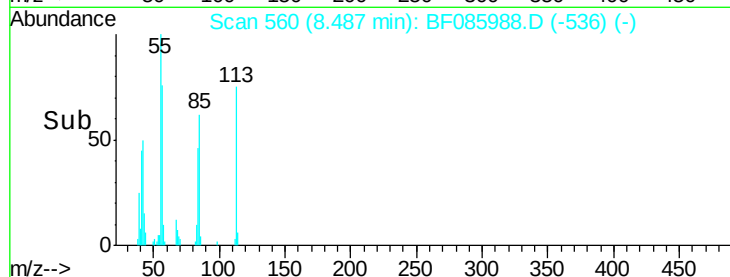
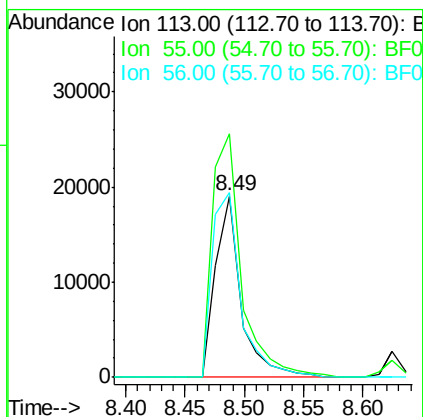
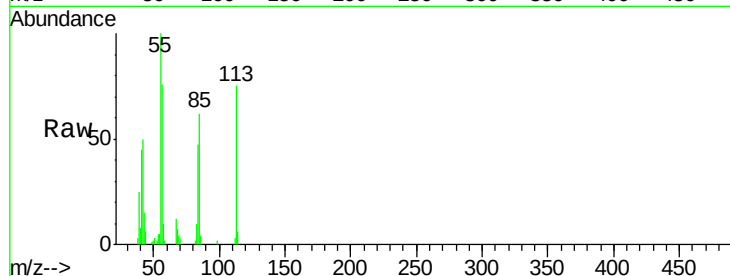




#35
 Caprolactam
 Concen: 16.38 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

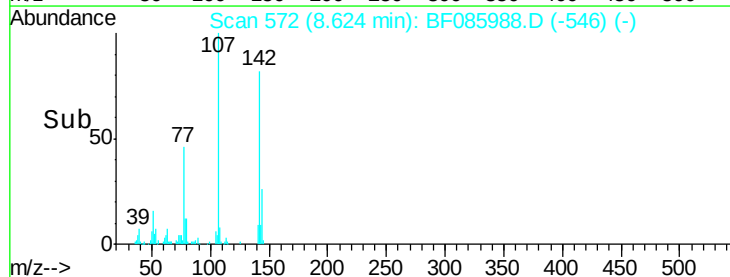
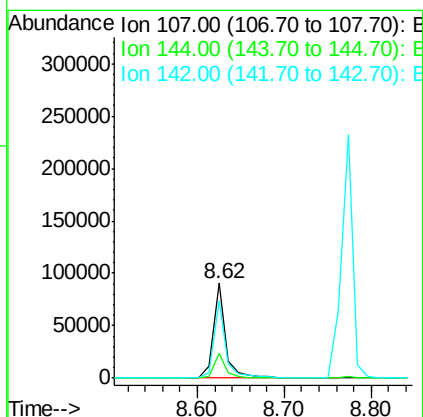
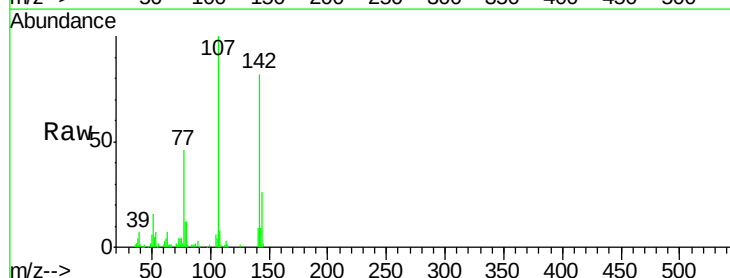
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

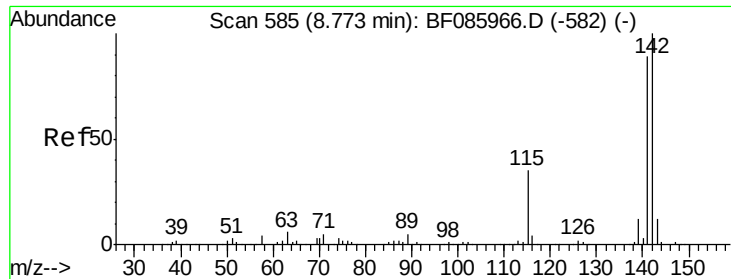
Tot Ion:113 Resp: 28452
 Ion Ratio Lower Upper
 113 100
 55 134.2 139.4 179.4#
 56 101.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 14.72 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:107 Resp: 90588
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 81.8 61.4 92.0

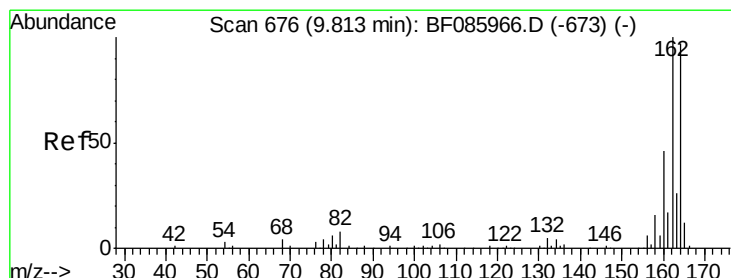
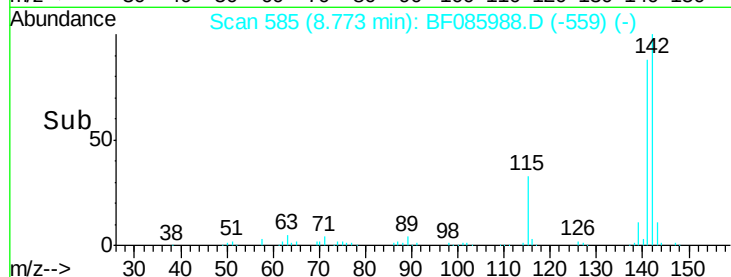
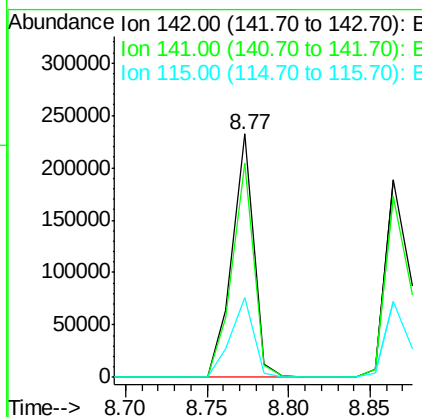
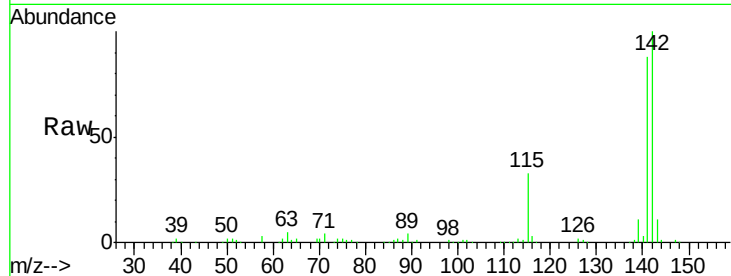




#37
 2-Methylnaphthalene
 Concen: 16.05 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

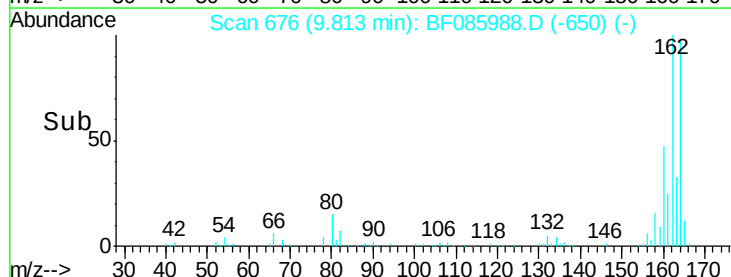
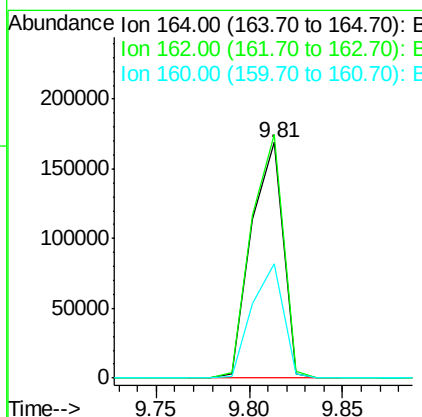
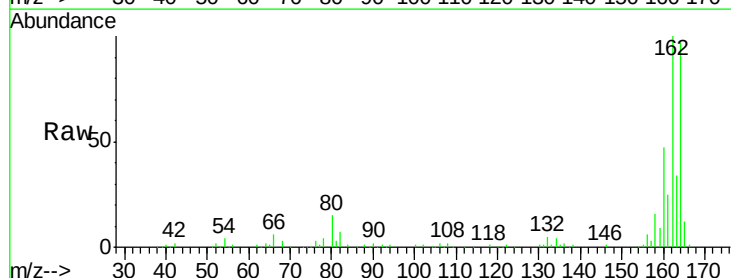
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

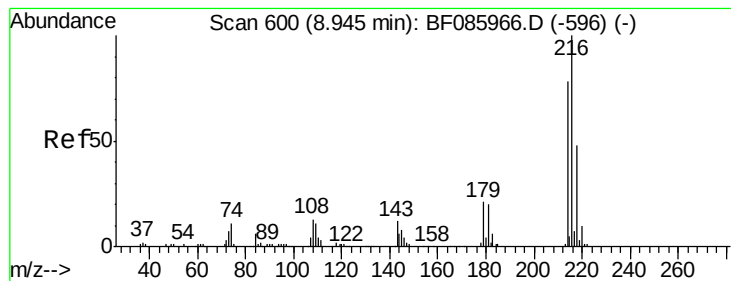
Tot Ion:142 Resp: 214239
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.6 107.4
 115 32.7 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:164 Resp: 198411
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.1 123.1
 160 48.3 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.22 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:216 Resp: 84773

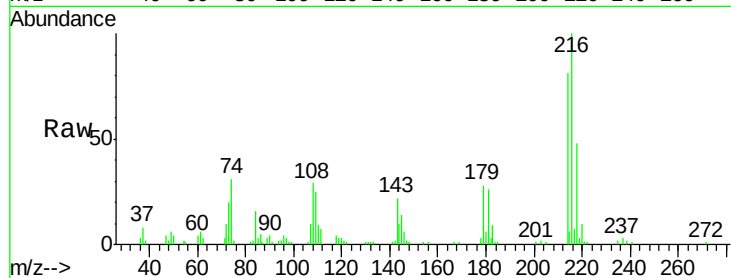
Ion Ratio Lower Upper

216 100

214 78.2 63.1 94.7

179 23.4 18.2 27.2

108 22.1 17.3 25.9

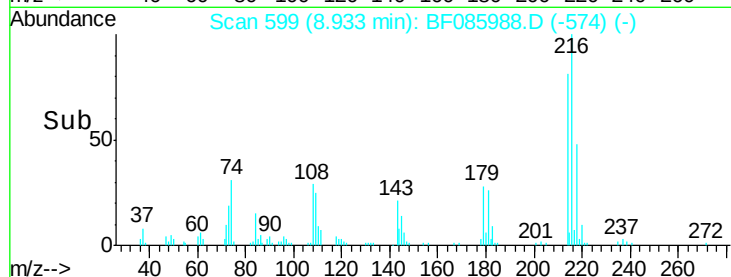


Abundance Ion 216.00 (215.70 to 216.70): E

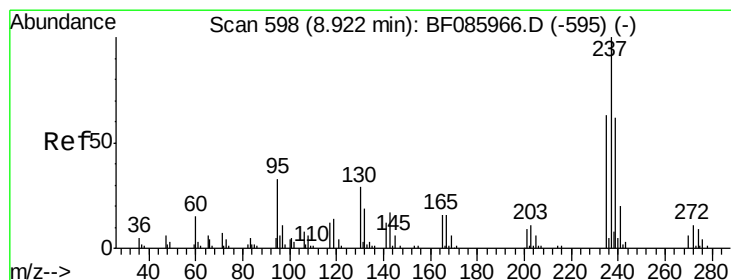
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.85 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 17.22 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

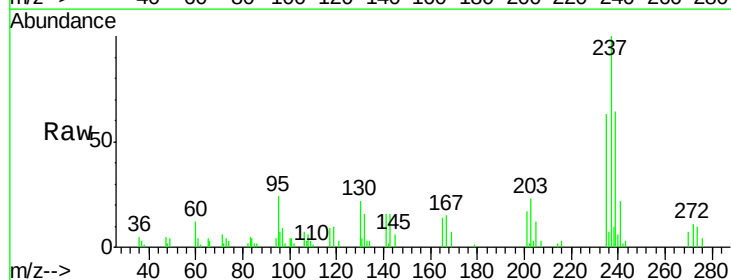
Tgt Ion:237 Resp: 20067

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

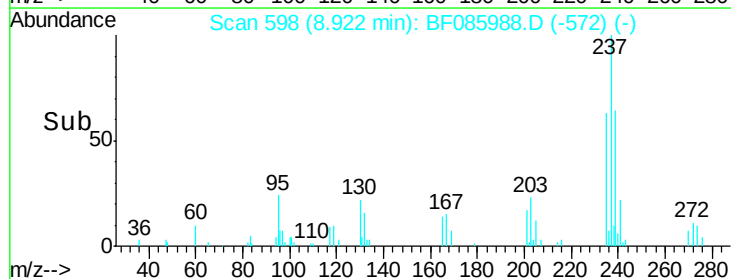
272 11.4 0.0 31.9



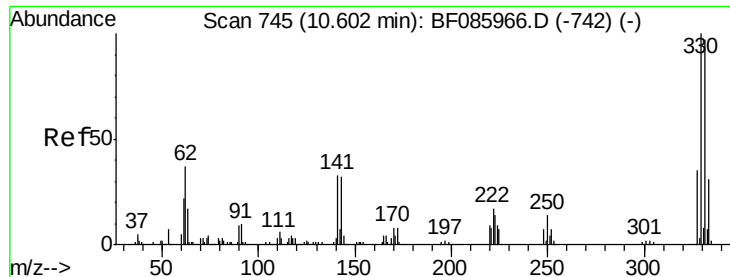
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



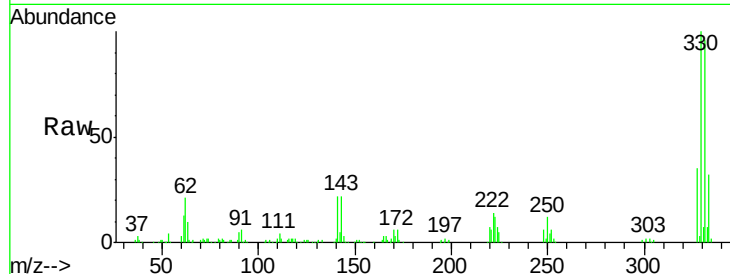
Time--> 8.90 8.95



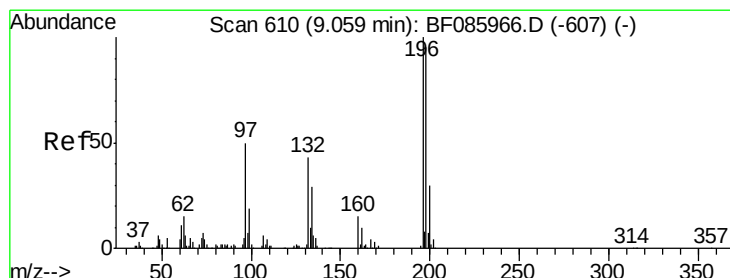
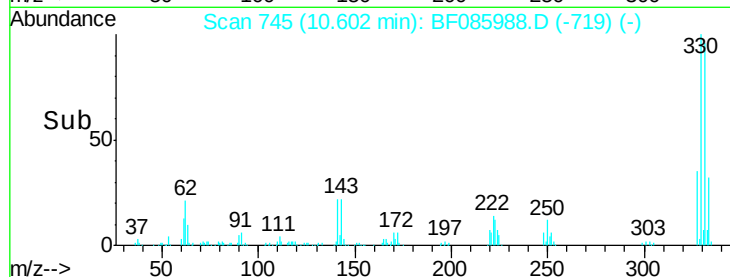
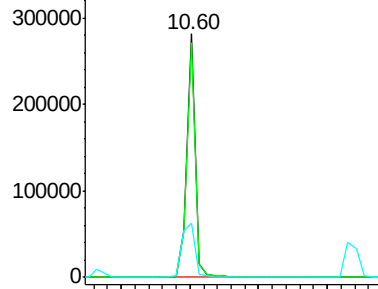
#41
 2,4,6-Tribromophenol
 Concen: 133.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:330 Resp: 249009
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 34.3 31.5 47.3

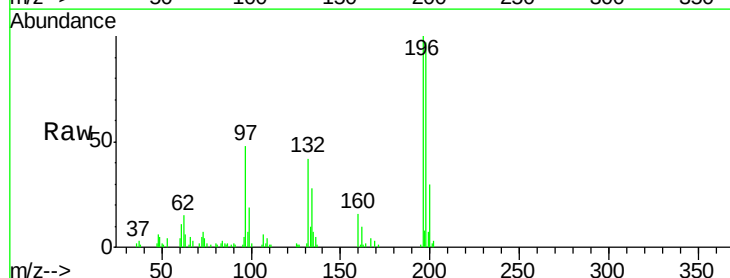


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

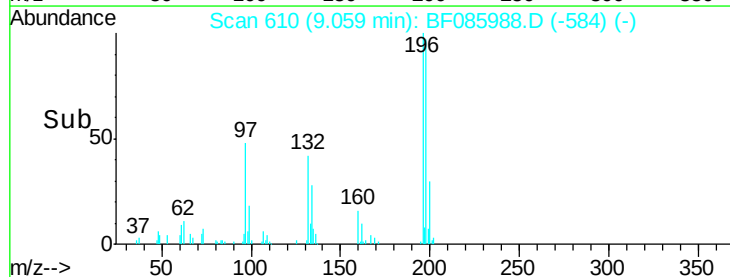
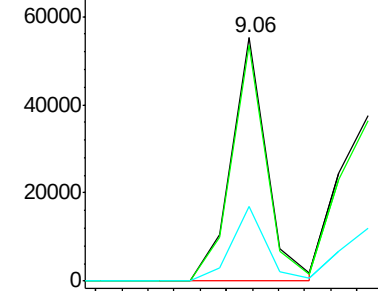


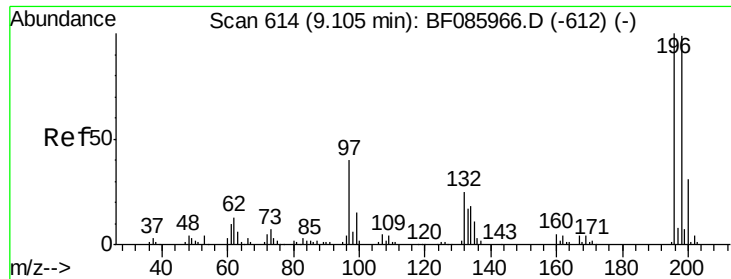
#42
 2,4,6-Trichlorophenol
 Concen: 13.39 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:196 Resp: 51278
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.3 112.9
 200 30.5 23.7 35.5



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

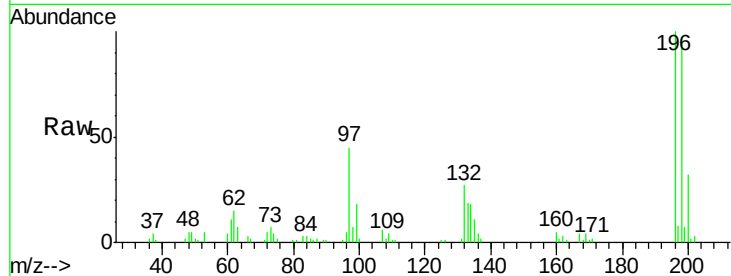




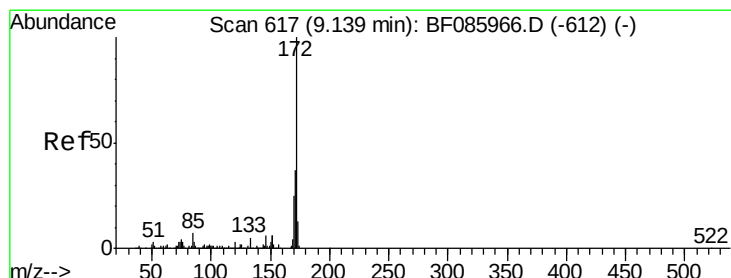
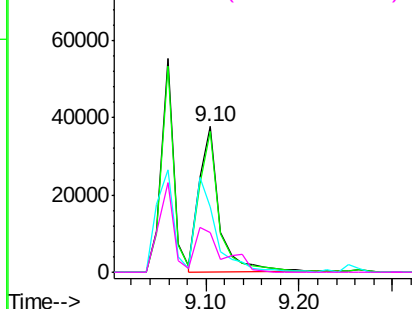
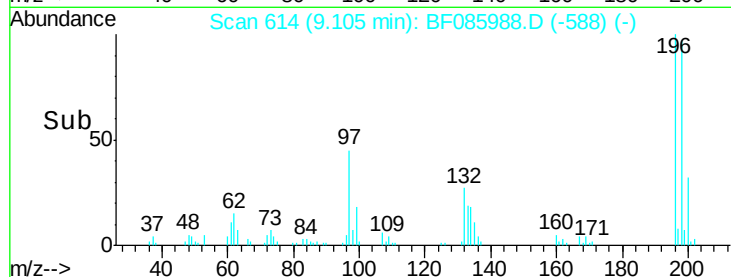
#43
 2,4,5-Trichlorophenol
 Concen: 14.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:196 Resp: 56869
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.6 114.8
 97 45.2 30.5 45.7
 132 27.1 20.2 30.2

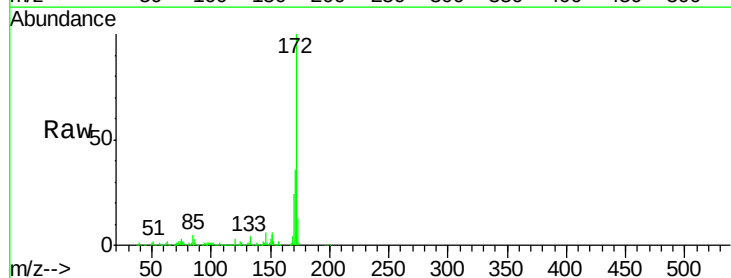


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

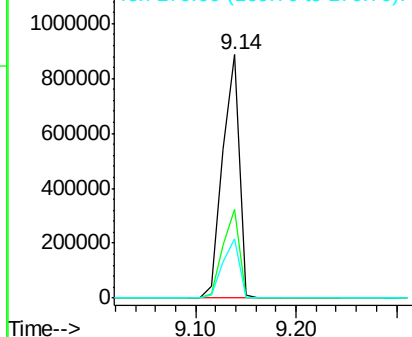
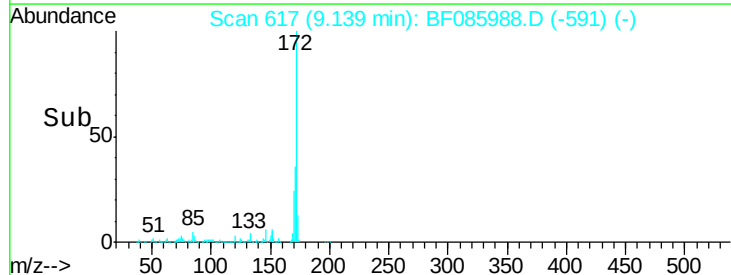


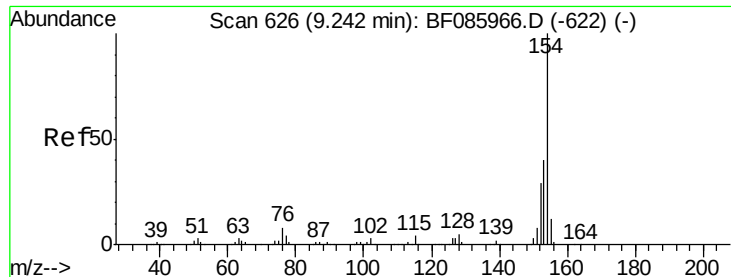
#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:172 Resp: 1017835
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.1 19.8 29.6



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

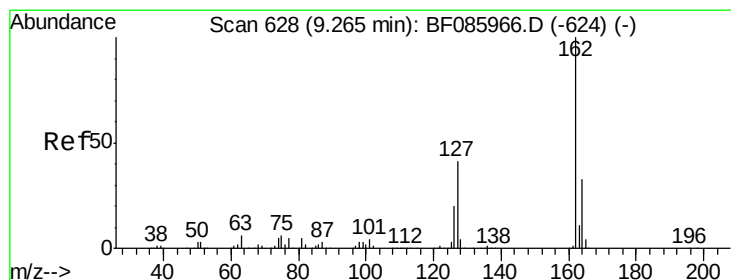
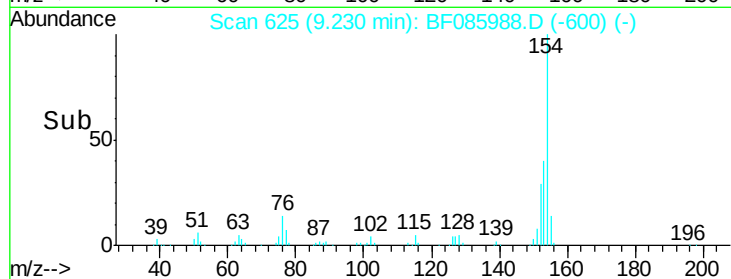
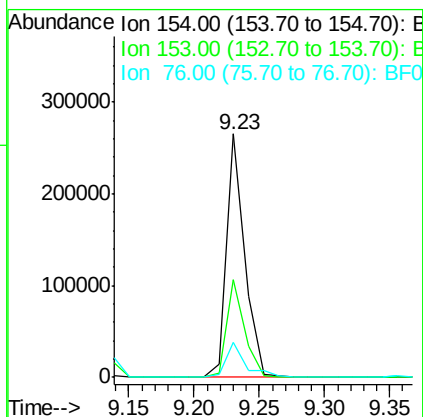
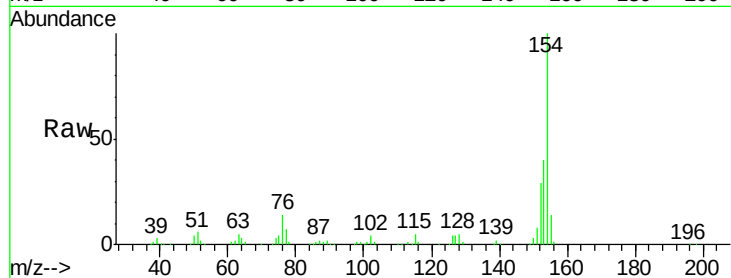




#45
 1,1'-Biphenyl
 Concen: 15.02 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

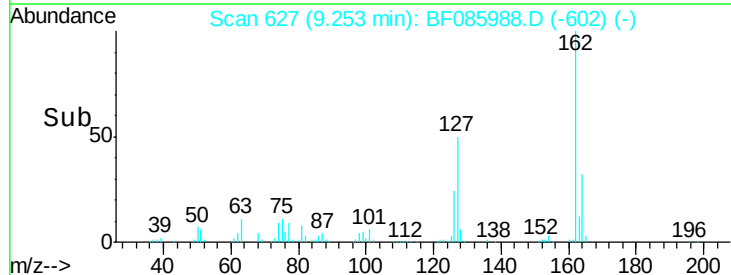
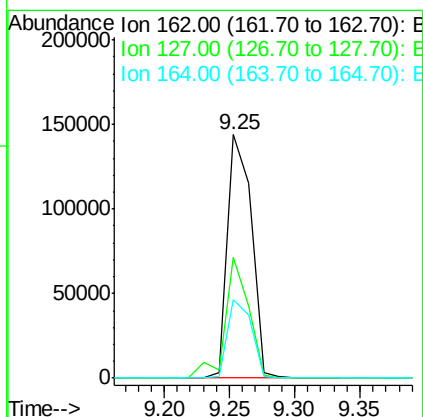
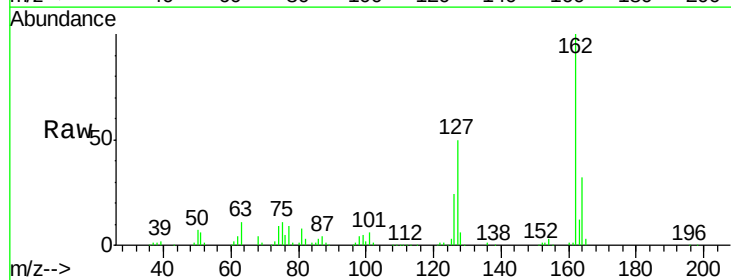
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

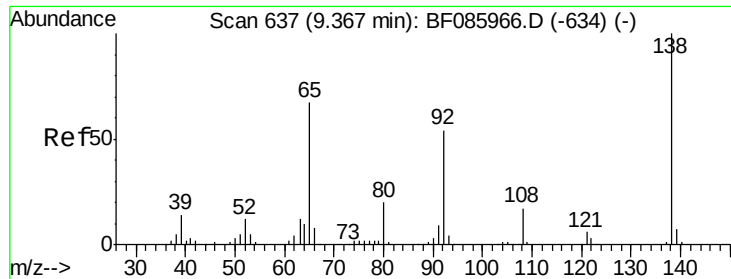
Tot Ion:154 Resp: 256952
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.8 60.8
 76 14.4 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 14.79 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:162 Resp: 183443
 Ion Ratio Lower Upper
 162 100
 127 49.6 31.7 47.5#
 164 32.2 27.3 40.9

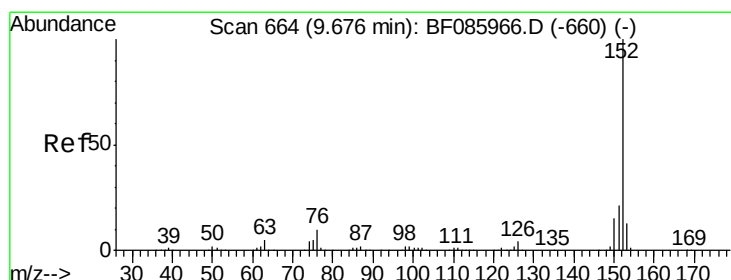
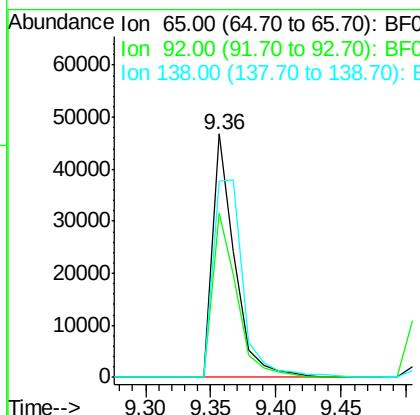
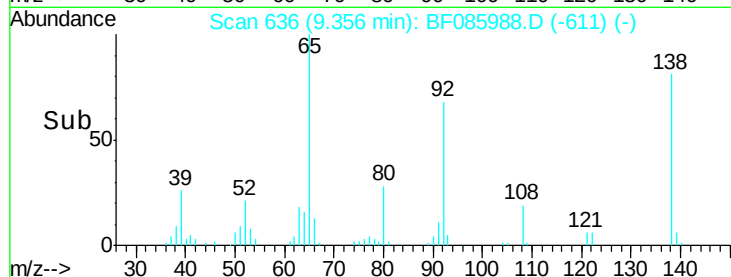
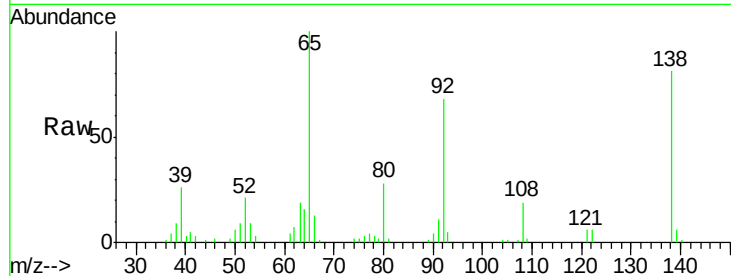




#47
 2-Nitroaniline
 Concen: 15.33 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

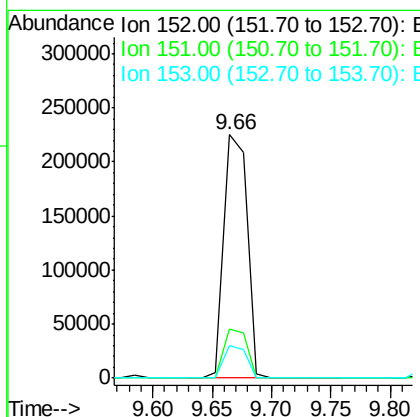
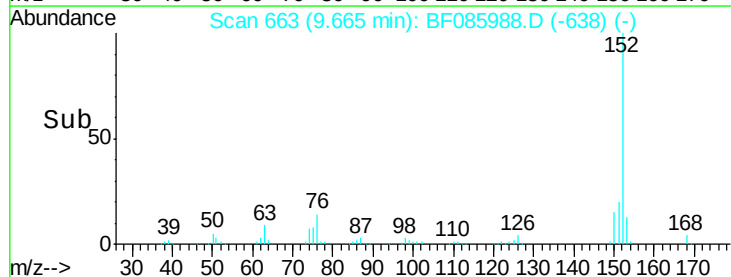
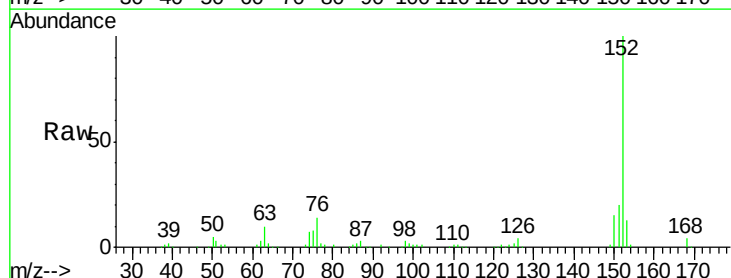
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

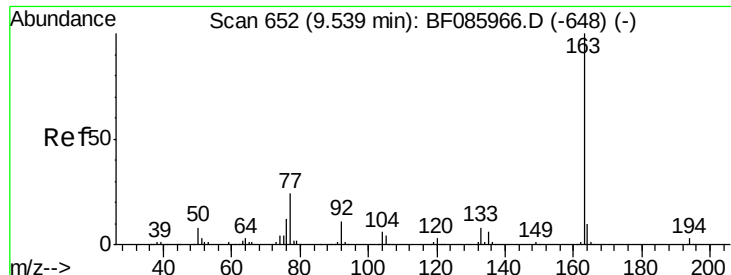
Tot Ion: 65 Resp: 55610
 Ion Ratio Lower Upper
 65 100
 92 67.7 59.7 89.5
 138 80.6 91.4 137.0#



#48
 Acenaphthylene
 Concen: 15.37 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion: 152 Resp: 305242
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.4 10.9 16.3

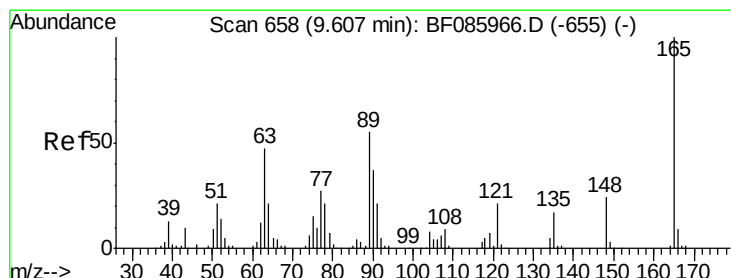
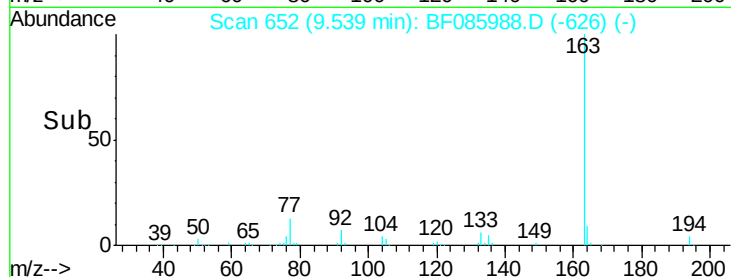
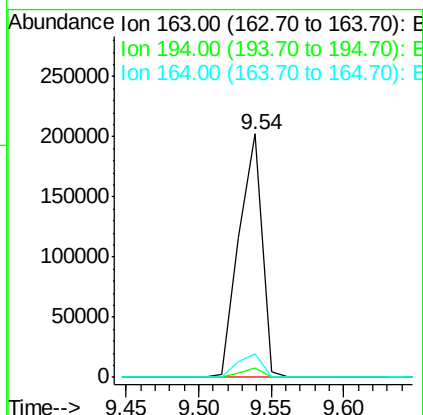
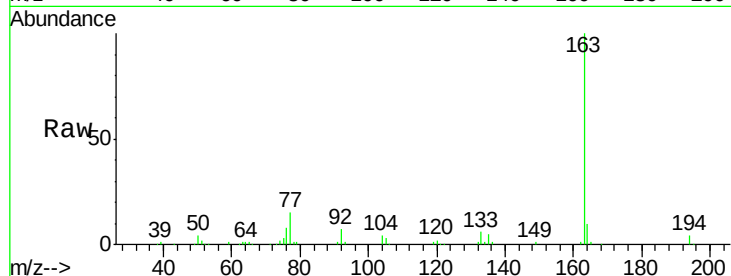




#49
Dimethylphthalate
Concen: 15.25 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

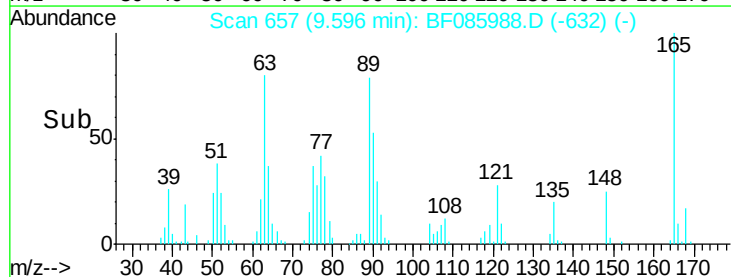
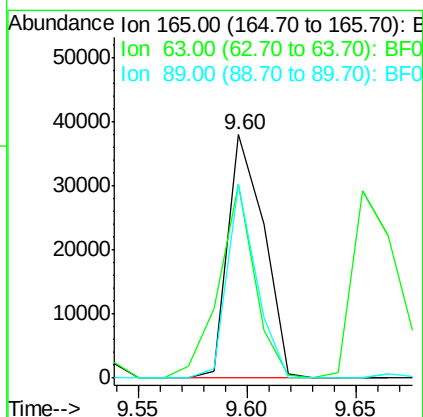
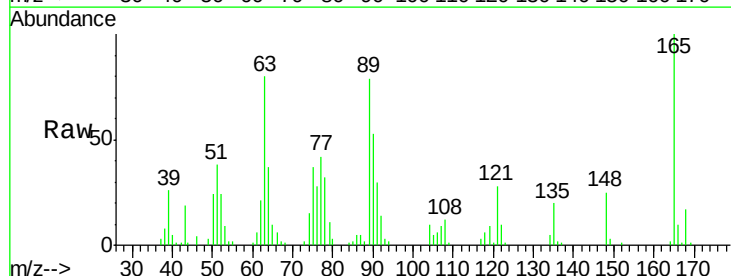
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

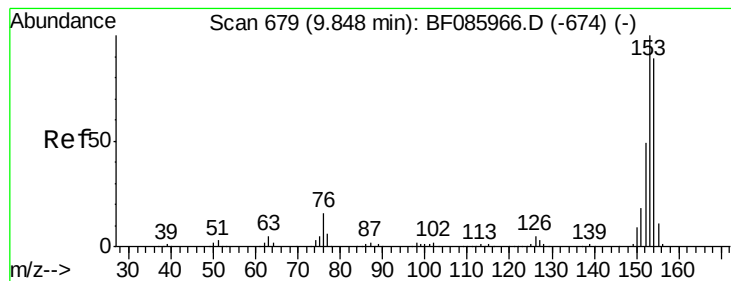
Tot Ion:163 Resp: 224224
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.7 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 14.06 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:165 Resp: 43744
Ion Ratio Lower Upper
165 100
63 79.7 51.8 77.8#
89 79.4 53.7 80.5





#51

Acenaphthene

Concen: 15.31 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

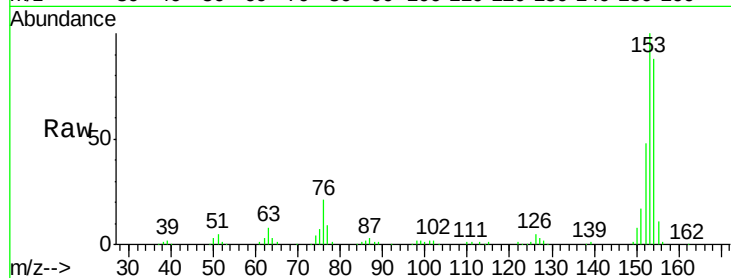
Tot Ion:154 Resp: 180908

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

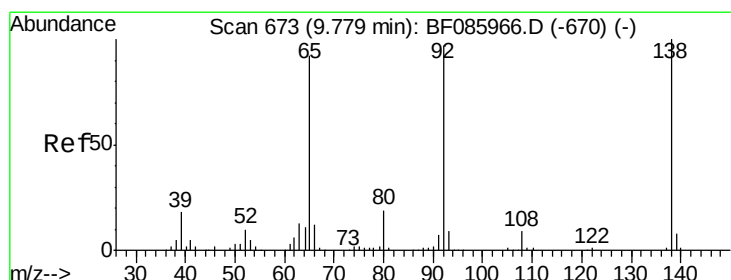
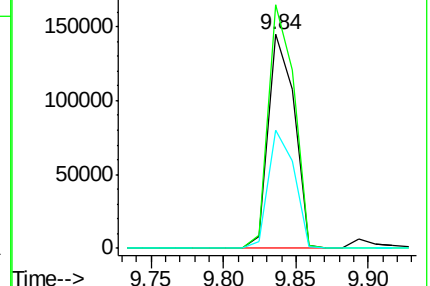
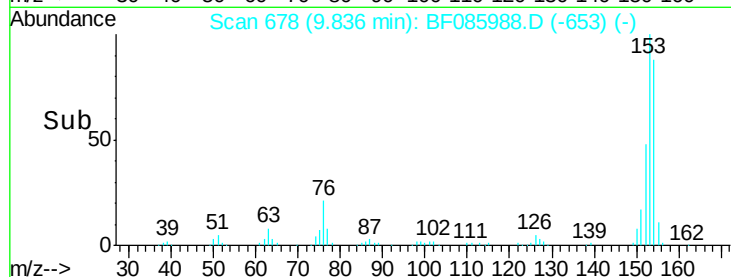
152 55.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.15 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

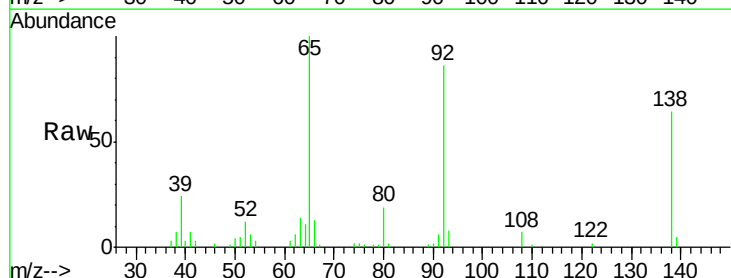
Tgt Ion:138 Resp: 38061

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

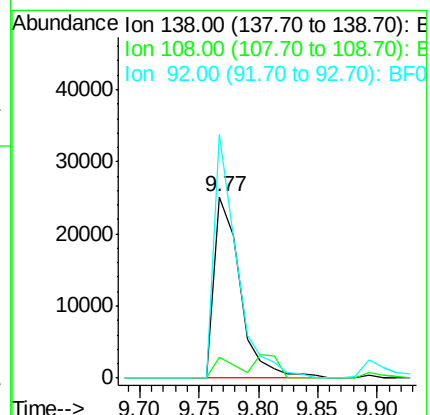
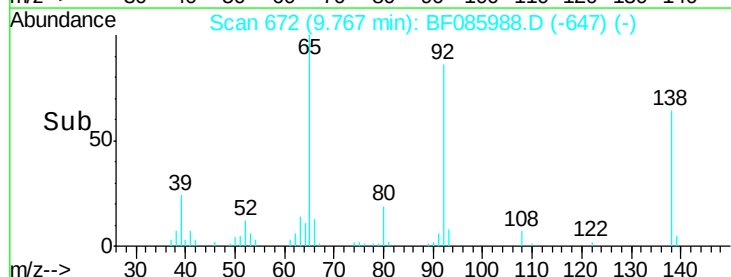
92 134.6 93.3 139.9

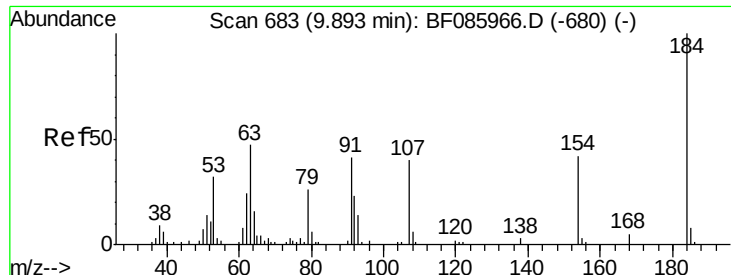


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

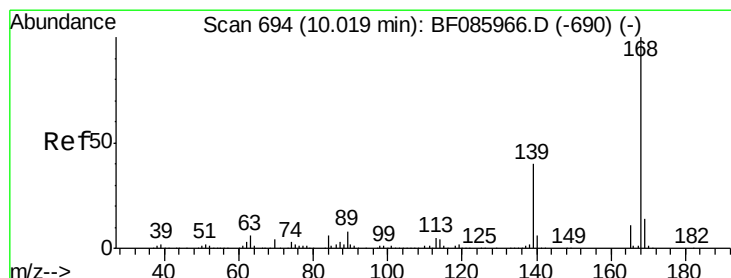
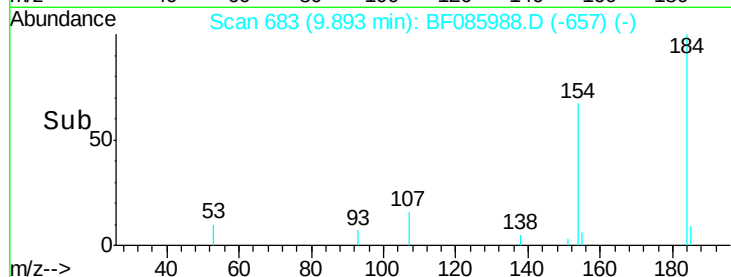
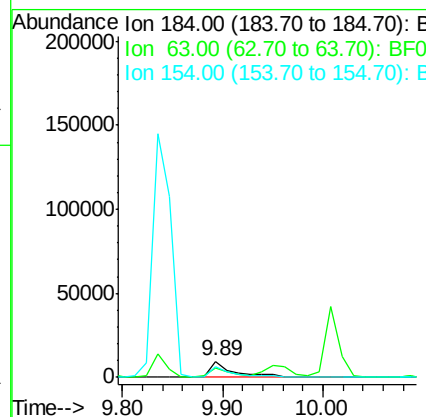
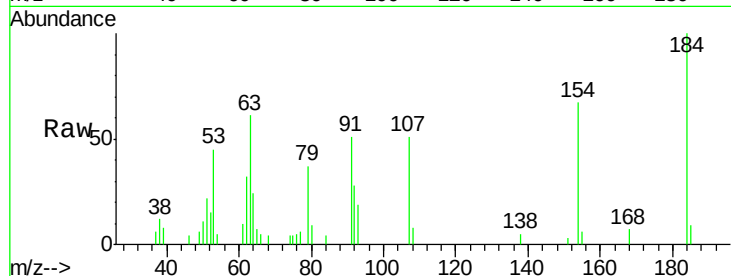




#53
2,4-Dinitrophenol
Concen: 14.62 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

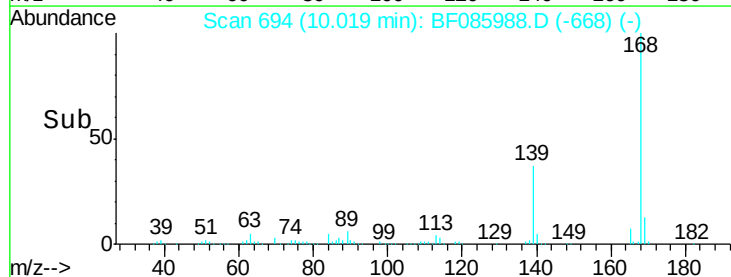
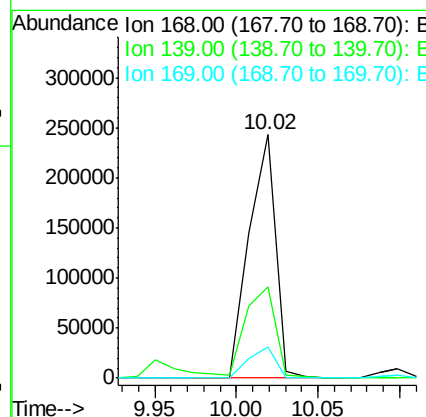
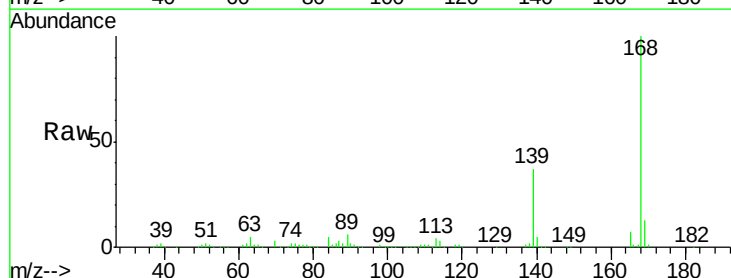
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

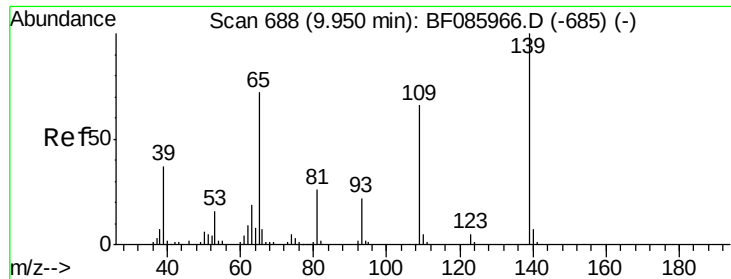
Tot Ion:184 Resp: 15855
Ion Ratio Lower Upper
184 100
63 61.5 69.5 104.3#
154 67.4 58.3 87.5



#54
Dibenzofuran
Concen: 17.50 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:168 Resp: 272984
Ion Ratio Lower Upper
168 100
139 37.4 31.9 47.9
169 12.9 11.0 16.6

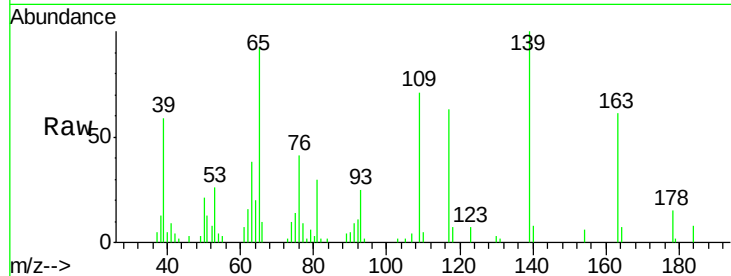




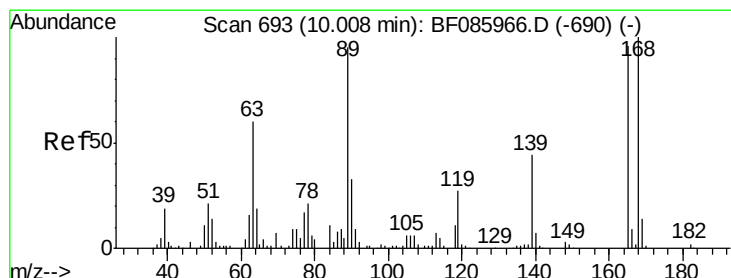
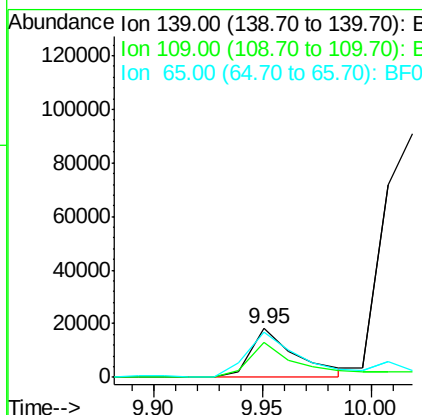
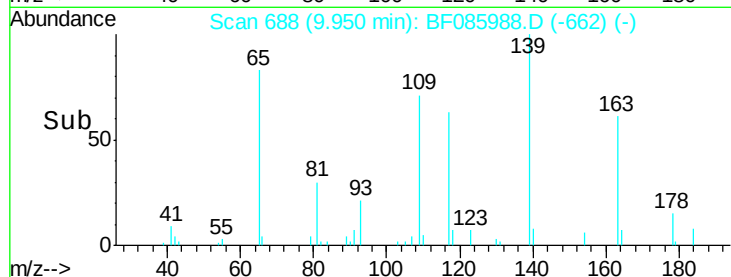
#55
4-Nitrophenol
Concen: 12.01 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:139 Resp: 26541
Ion Ratio Lower Upper
139 100
109 71.3 49.2 89.2
65 92.4 66.9 106.9

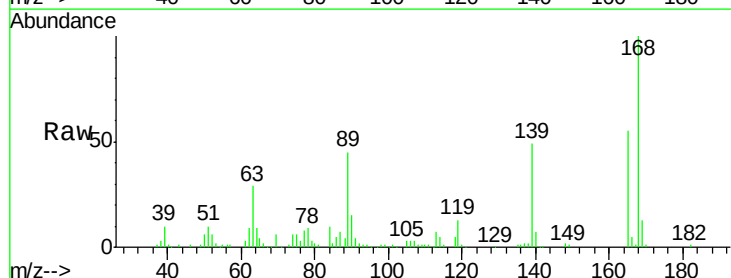


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

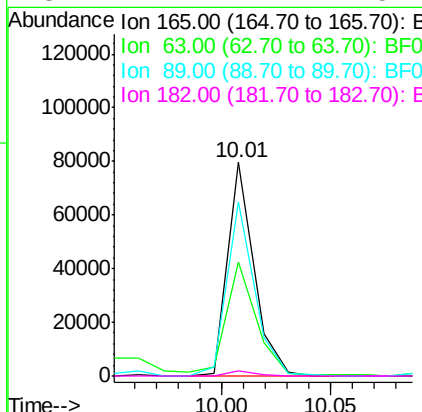
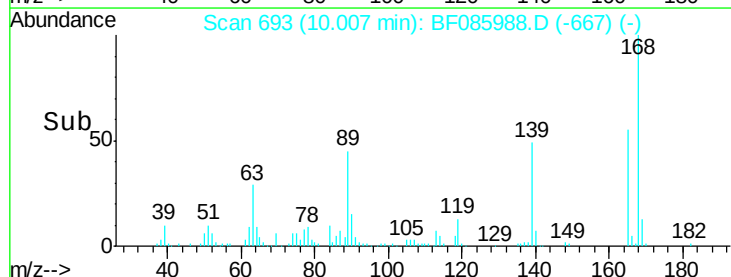


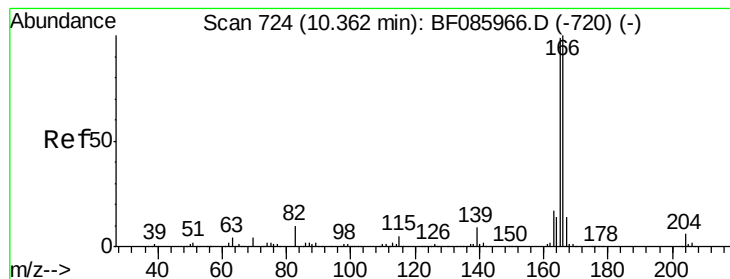
#56
2,4-Dinitrotoluene
Concen: 17.07 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:165 Resp: 67103
Ion Ratio Lower Upper
165 100
63 53.2 24.9 37.3#
89 81.5 41.0 61.6#
182 2.4 2.1 3.1



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





#57

Fluorene

Concen: 15.97 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

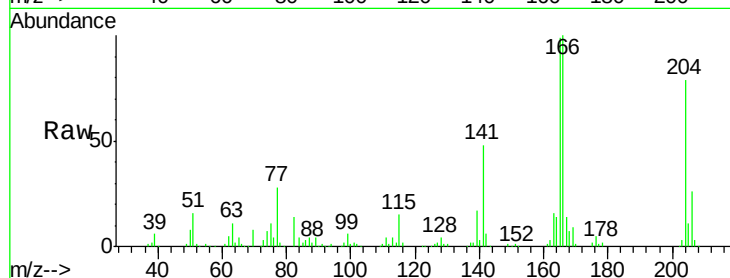
Tot Ion:166 Resp: 212872

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

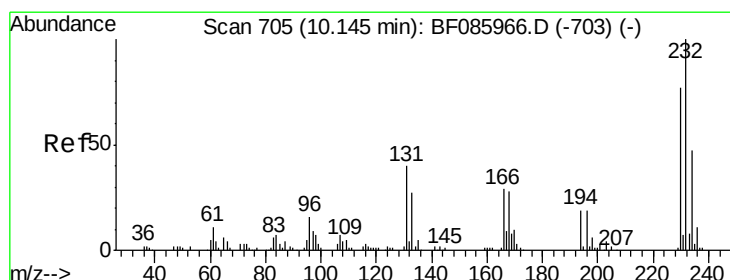
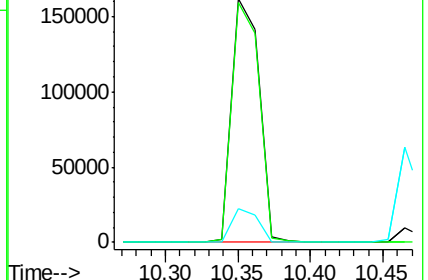
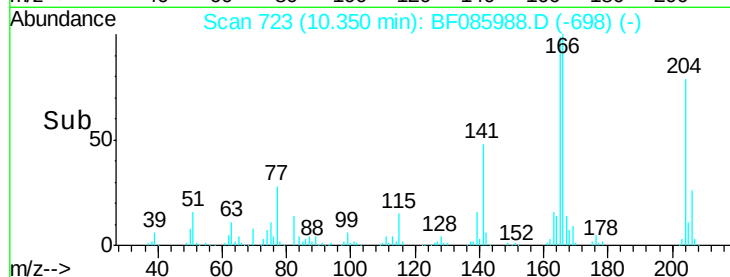
167 13.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 16.01 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:232 Resp: 46335

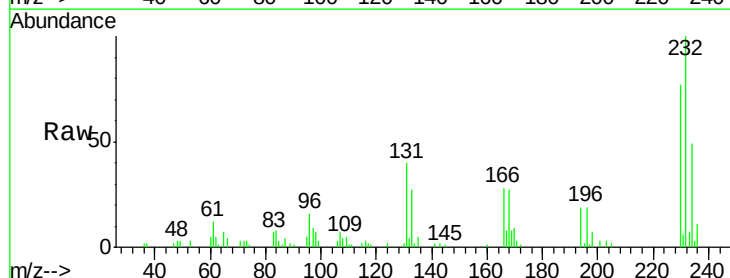
Ion Ratio Lower Upper

232 100

131 58.2 44.9 67.3

130 2.8 2.3 3.5

166 34.3 28.1 42.1

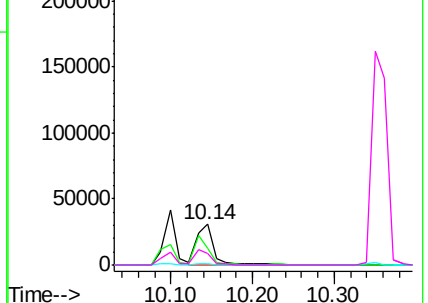
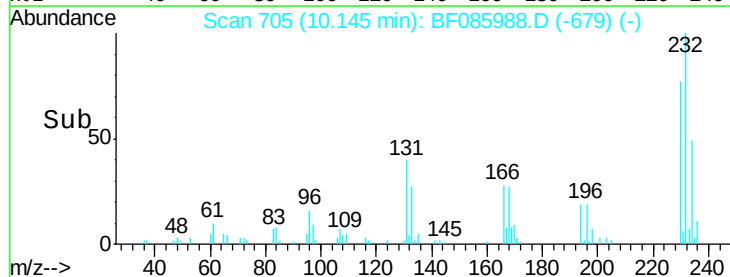


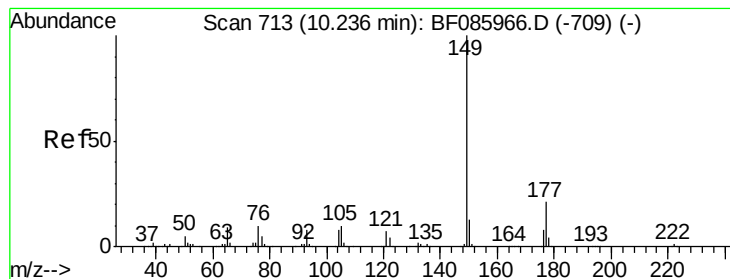
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 15.83 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

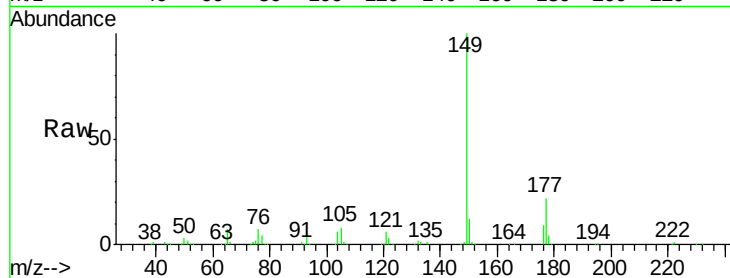
Tot Ion:149 Resp: 234975

Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

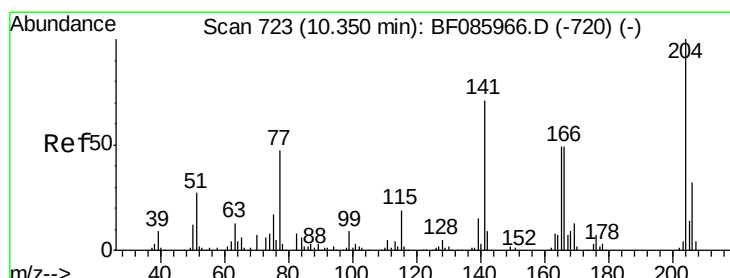
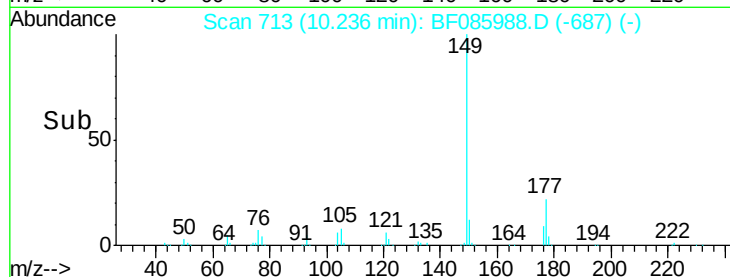
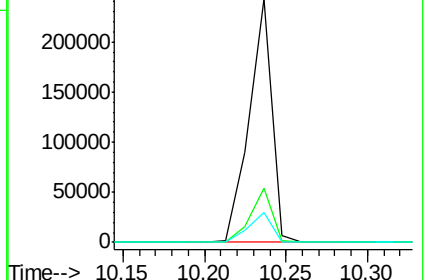
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 16.68 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

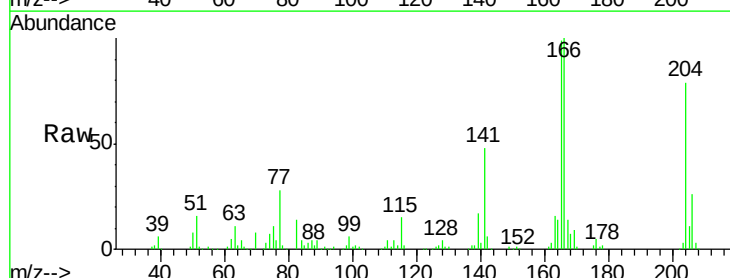
Tgt Ion:204 Resp: 103586

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

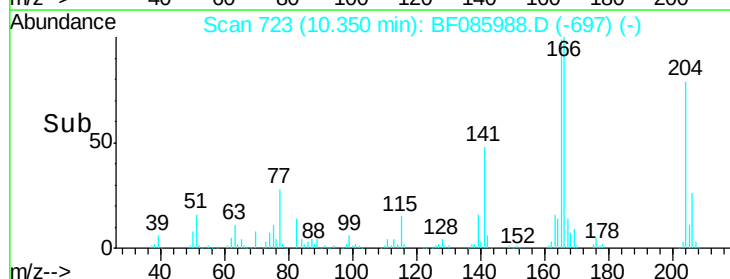
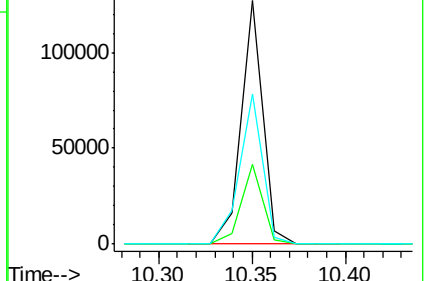
141 61.7 57.4 86.0

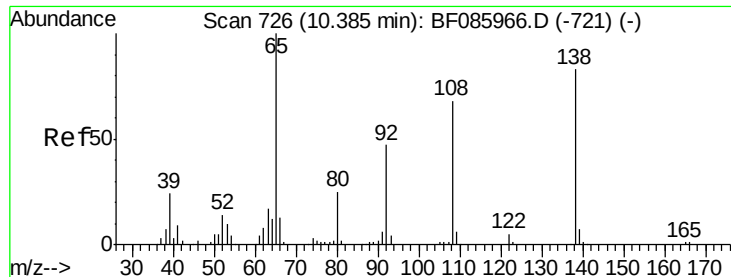


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

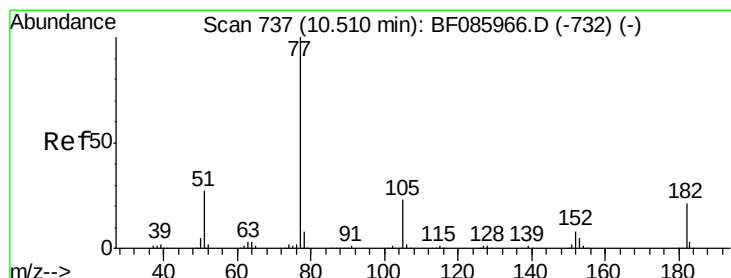
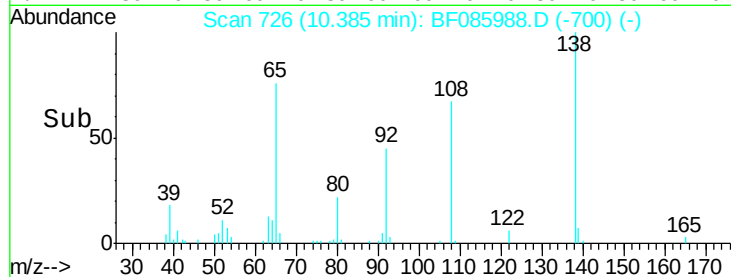
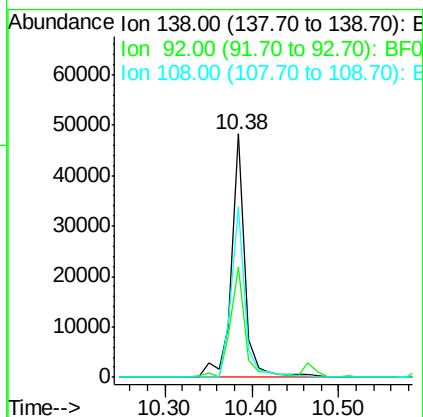
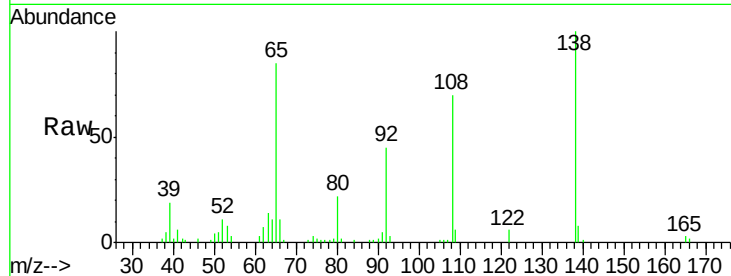




#61
4-Nitroaniline
Concen: 14.17 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

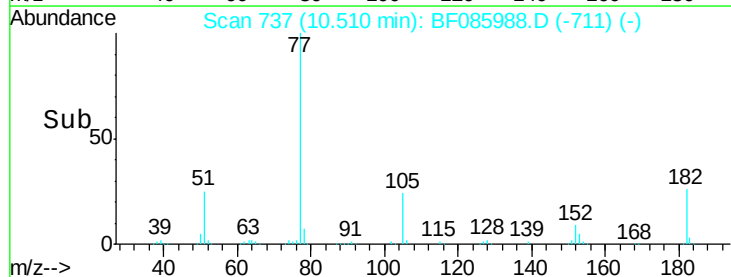
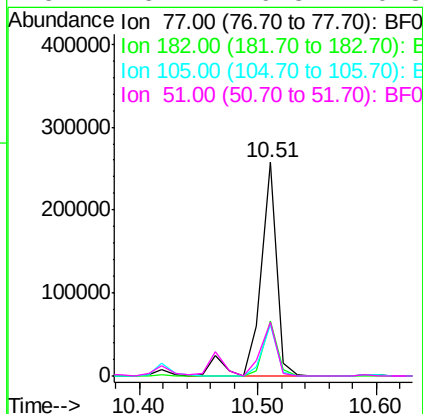
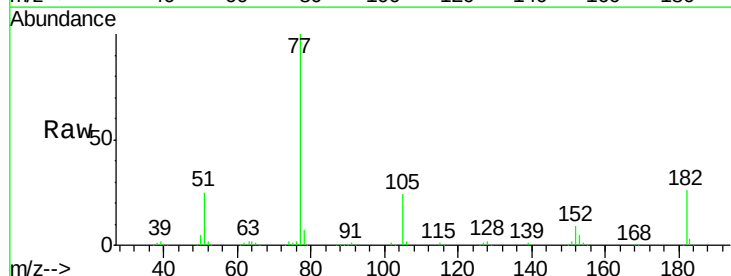
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

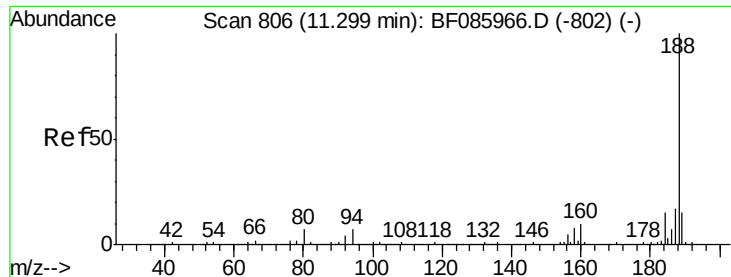
Tot Ion:138 Resp: 52328
Ion Ratio Lower Upper
138 100
92 45.4 26.4 66.4
108 70.3 49.0 89.0



#62
Azobenzene
Concen: 17.77 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion: 77 Resp: 252592
Ion Ratio Lower Upper
77 100
182 25.9 1.9 41.9
105 23.8 3.5 43.5
51 25.1 6.3 46.3

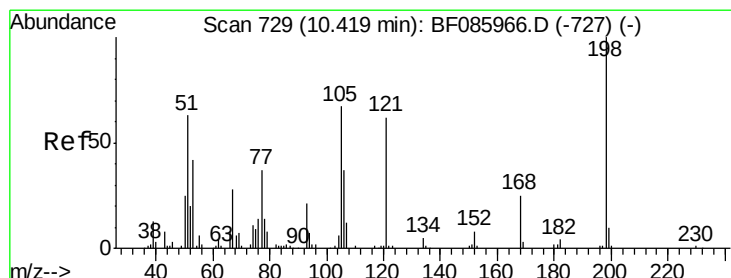
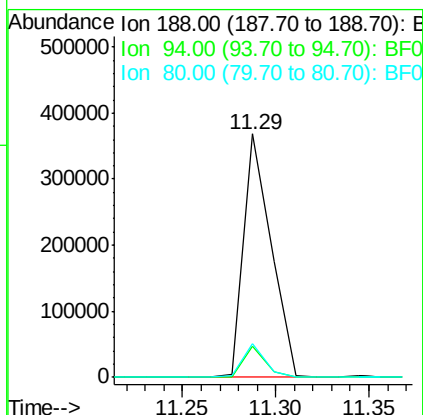
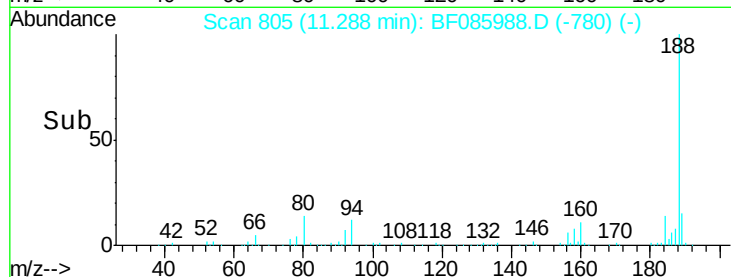
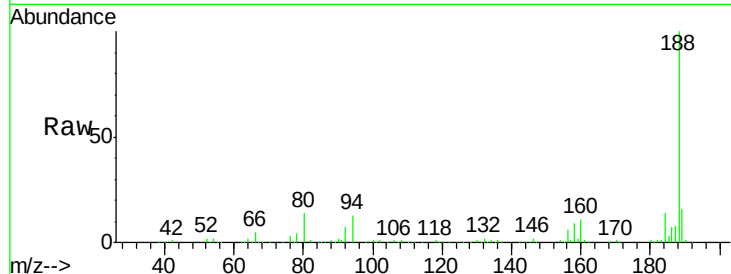




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

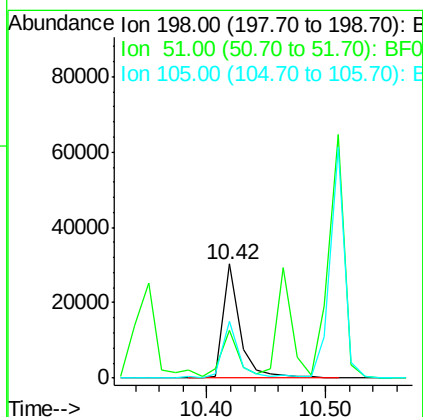
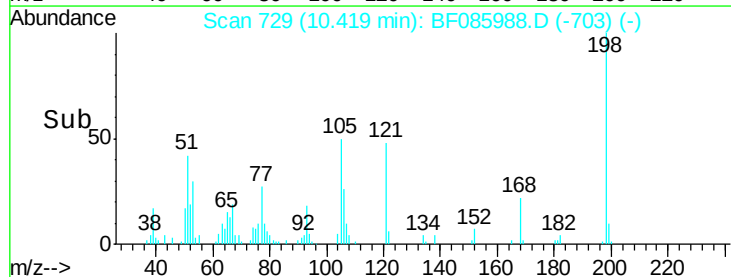
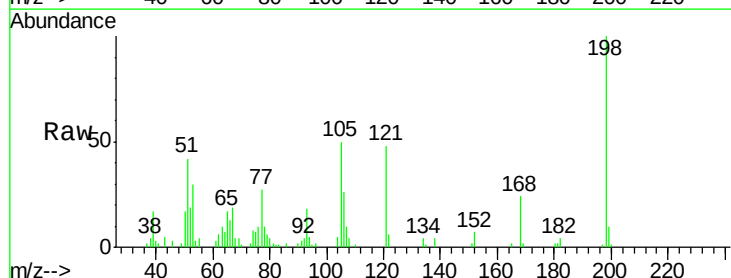
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

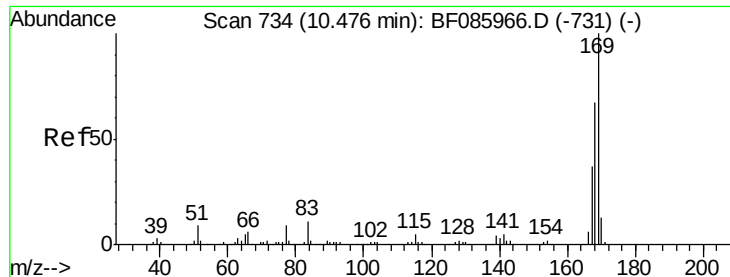
Tot Ion:188 Resp: 378380
Ion Ratio Lower Upper
188 100
94 12.6 5.4 8.0#
80 13.6 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.86 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:198 Resp: 29492
Ion Ratio Lower Upper
198 100
51 41.7 45.4 85.4#
105 49.8 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 15.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

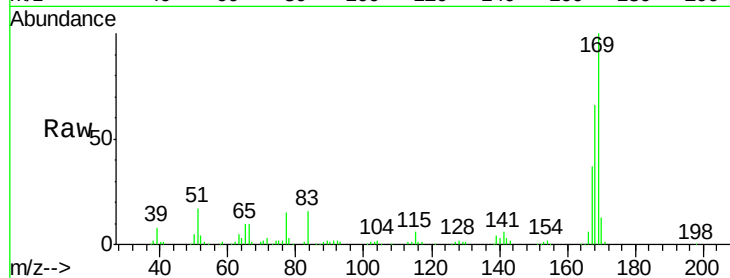
Tot Ion:169 Resp: 186000

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

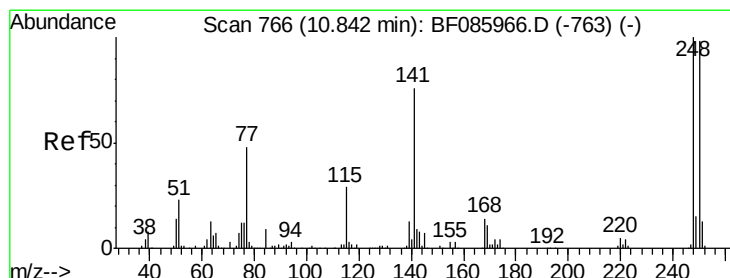
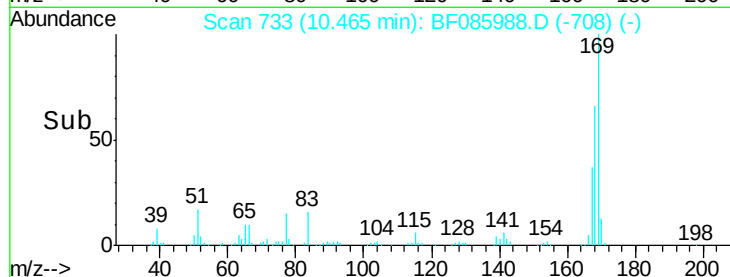
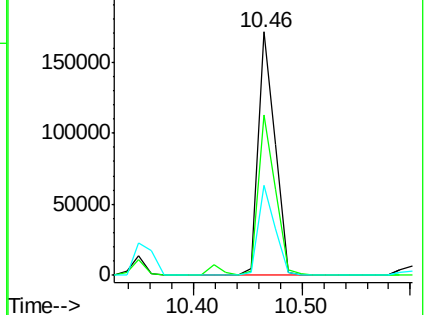
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 14.74 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

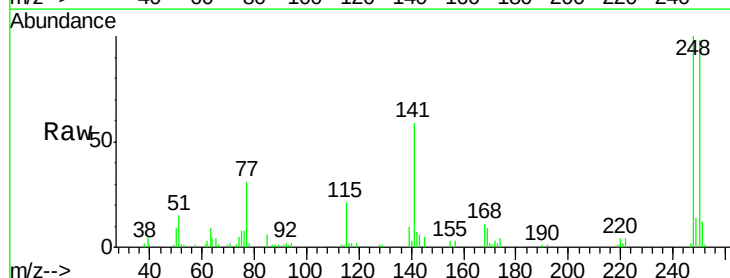
Tgt Ion:248 Resp: 56951

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.0

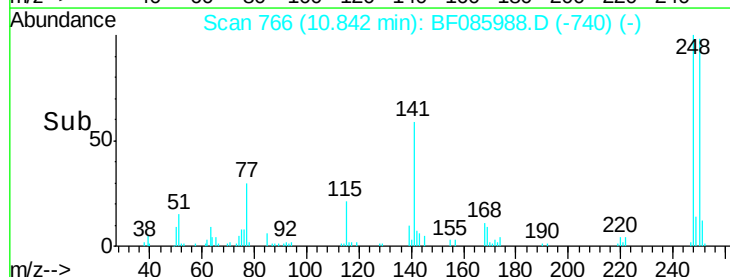
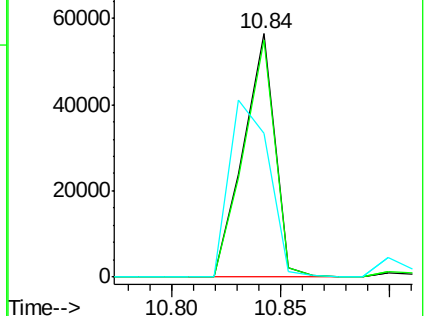
141 59.0 63.6 95.4#

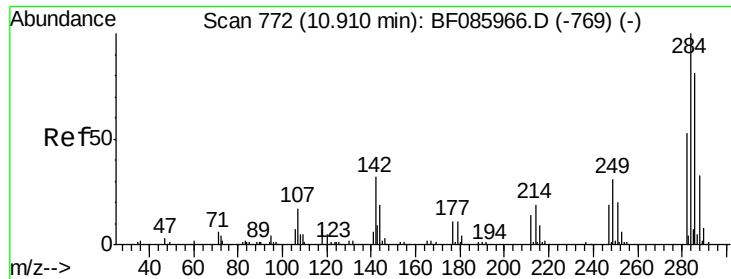


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

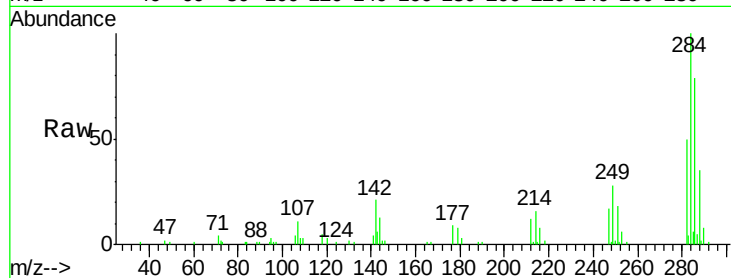




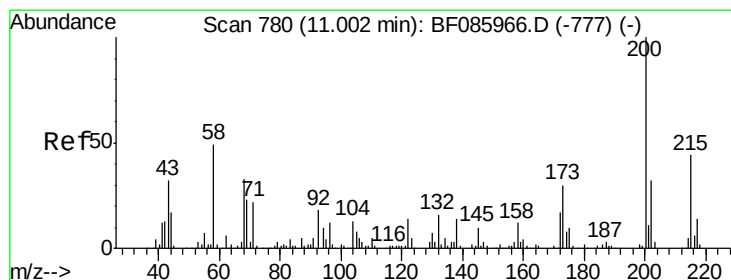
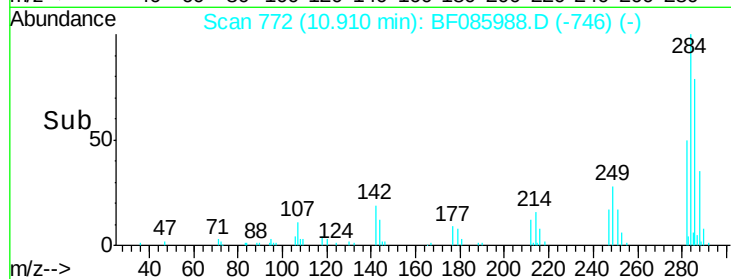
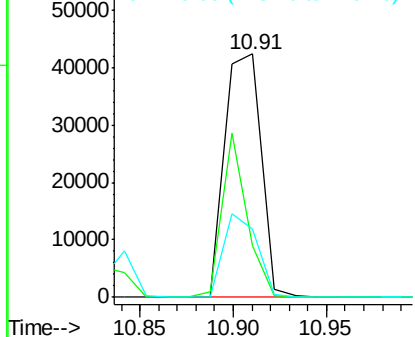
#67
Hexachlorobenzene
Concen: 14.55 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:284 Resp: 58120
Ion Ratio Lower Upper
284 100
142 21.2 23.1 34.7#
249 28.0 24.2 36.2

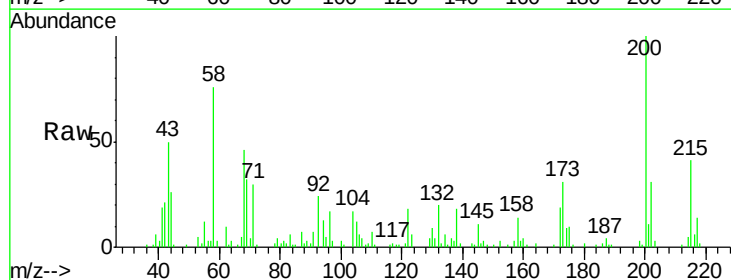


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

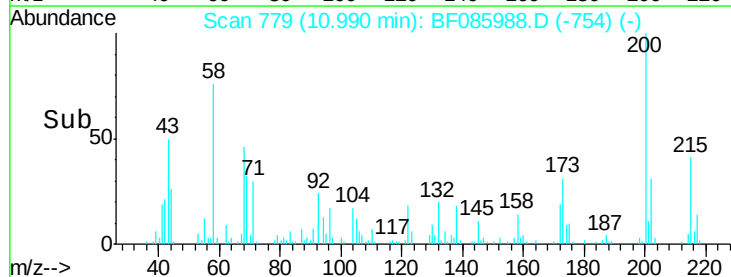
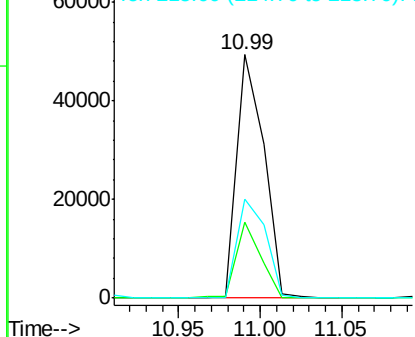


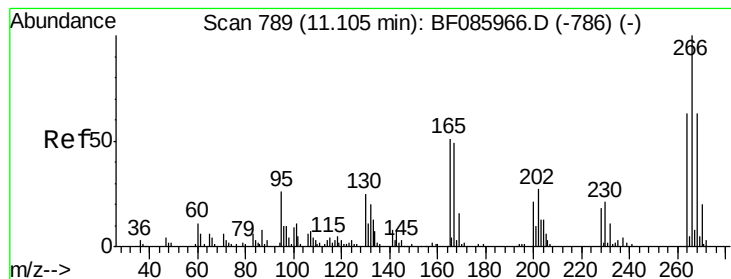
#68
Atrazine
Concen: 14.74 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:200 Resp: 56358
Ion Ratio Lower Upper
200 100
173 31.1 7.7 47.7
215 40.7 25.4 65.4



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





#69

Pentachlorophenol

Concen: 12.47 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

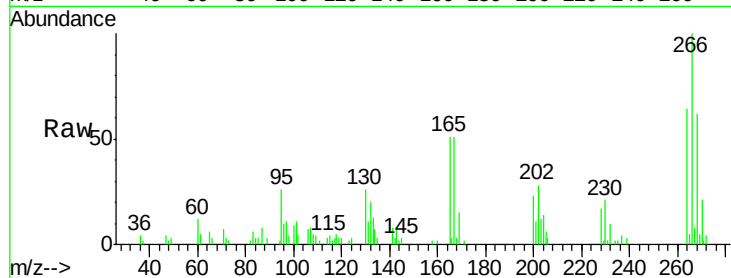
Tot Ion:266 Resp: 23353

Ion Ratio Lower Upper

266 100

268 61.9 51.5 77.3

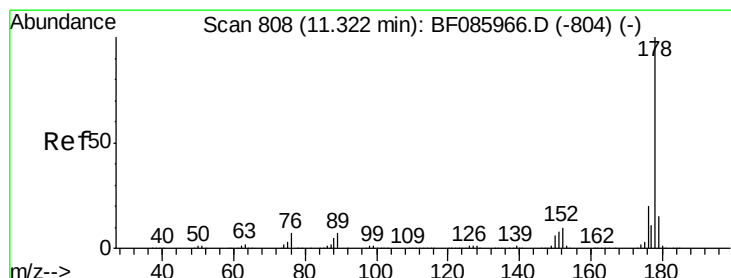
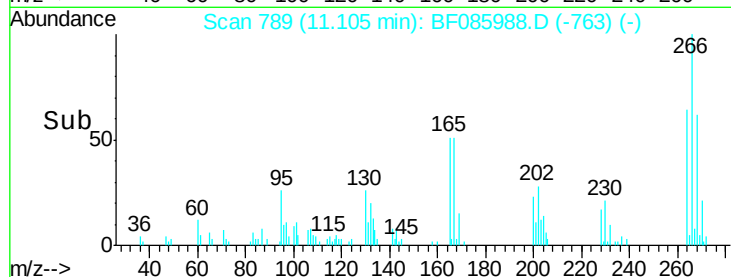
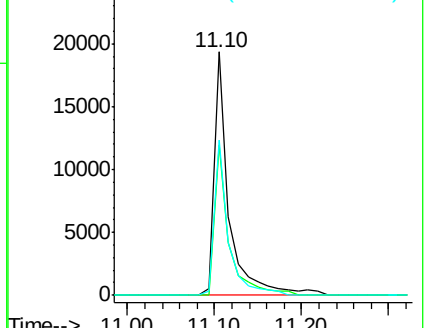
264 63.6 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 15.73 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

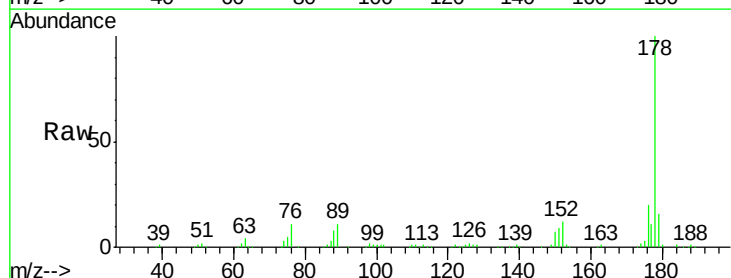
Tgt Ion:178 Resp: 324785

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

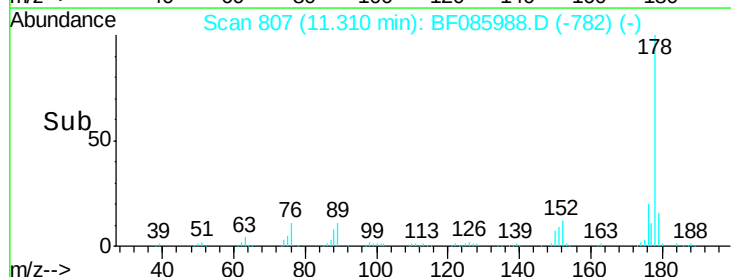
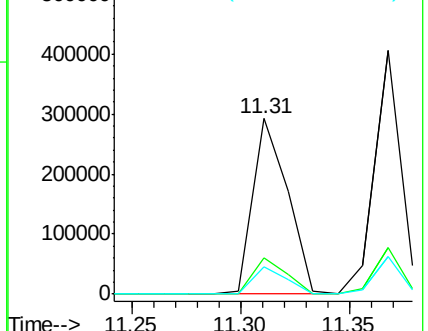
179 15.7 12.6 18.8

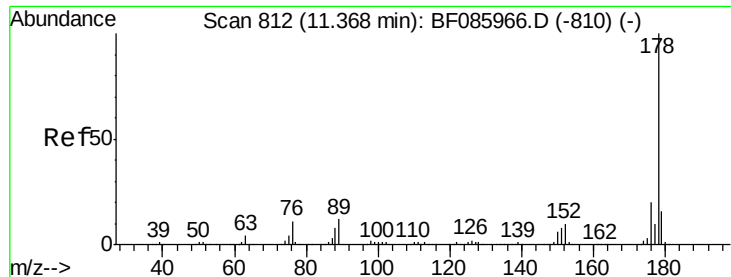


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

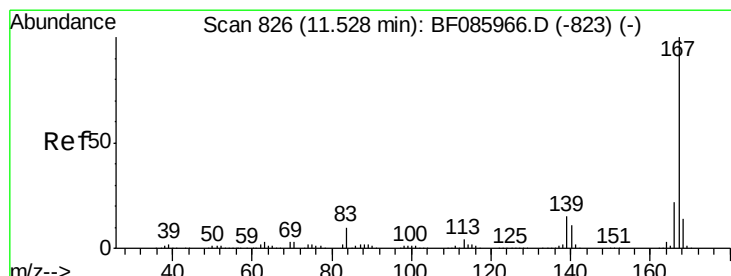
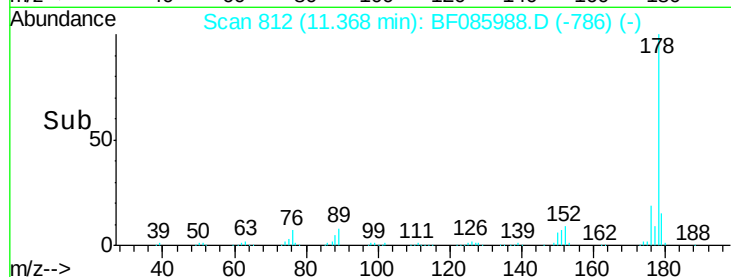
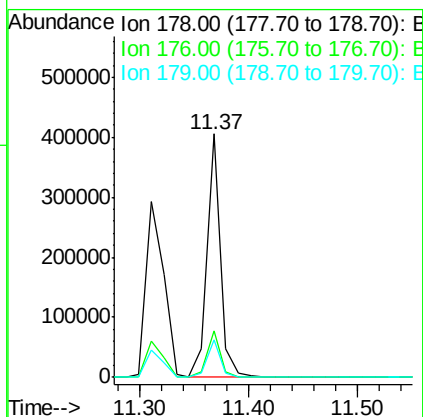
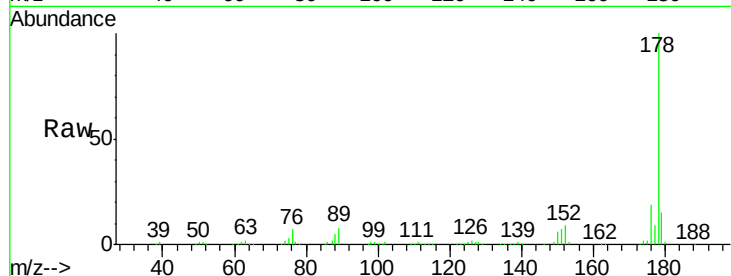




#71
 Anthracene
 Concen: 16.29 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

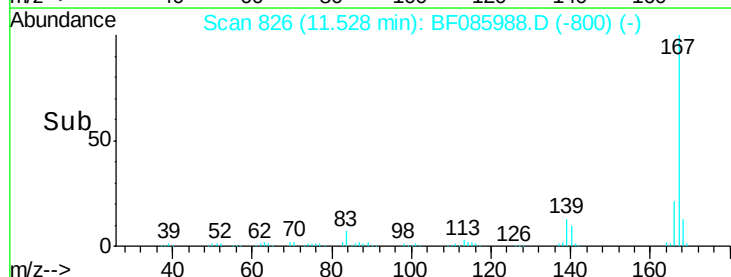
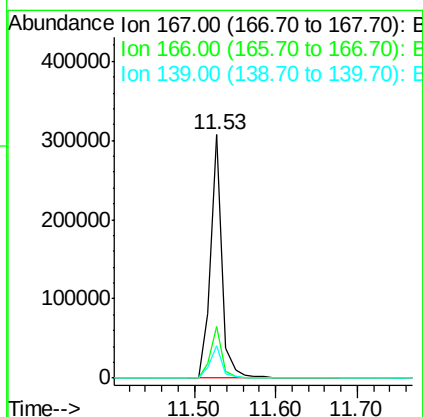
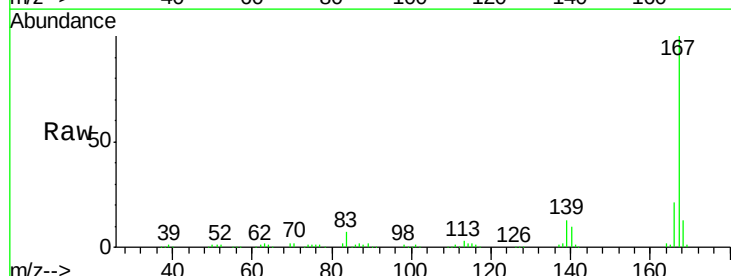
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

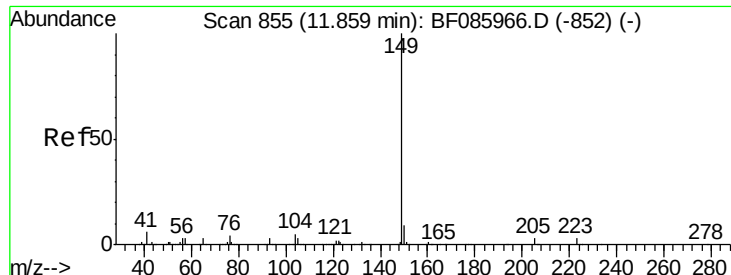
Tot Ion:178 Resp: 352241
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.3 13.0 19.4



#72
 Carbazole
 Concen: 16.54 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:167 Resp: 307352
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.8 26.8
 139 13.1 11.6 17.4





#73

Di-n-butylphthalate

Concen: 15.55 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

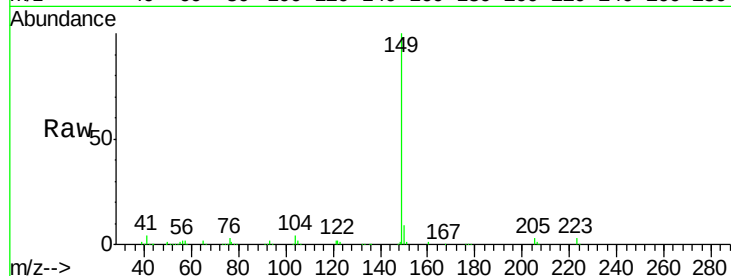
Tot Ion:149 Resp: 358118

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

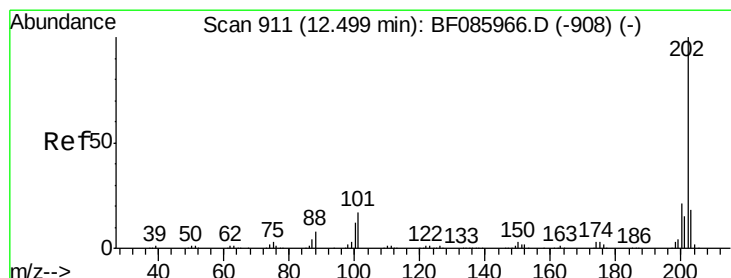
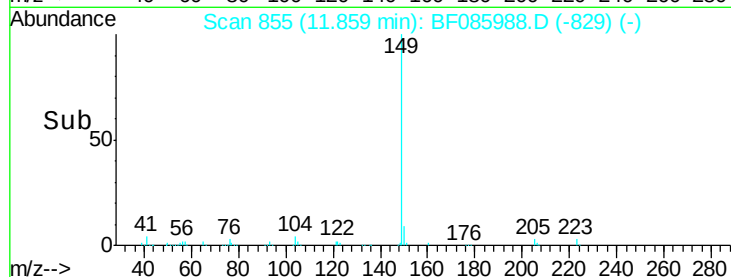
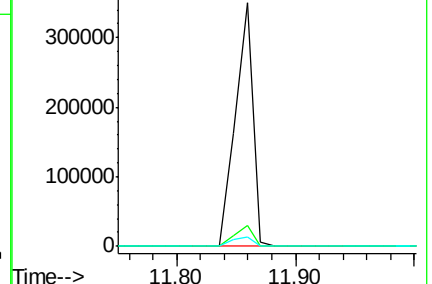
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 15.60 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

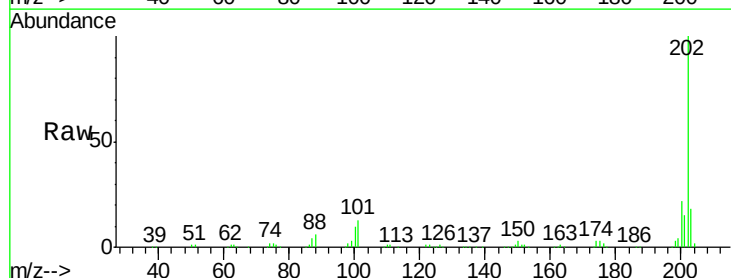
Tgt Ion:202 Resp: 334969

Ion Ratio Lower Upper

202 100

101 13.0 0.0 36.6

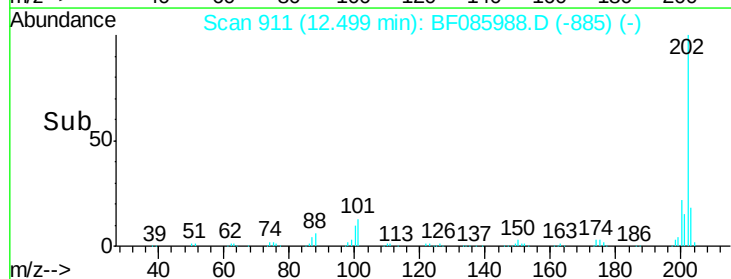
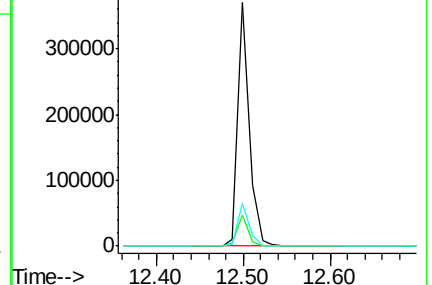
203 17.5 0.0 38.1

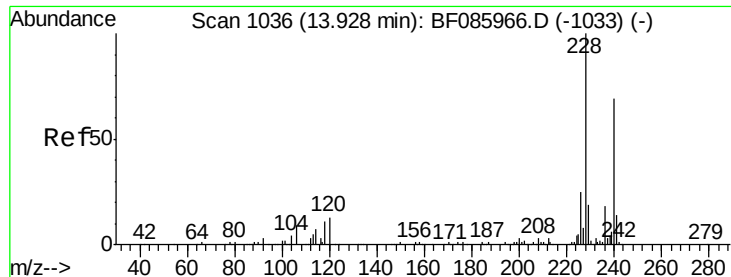


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

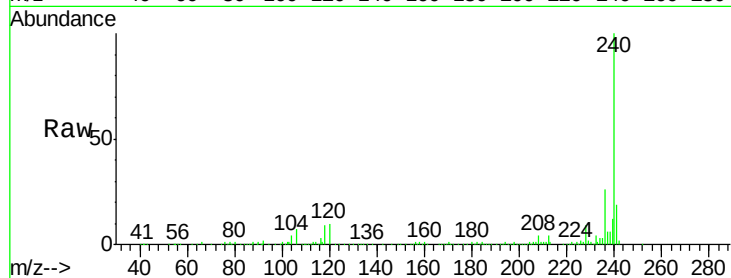
Tot Ion:240 Resp: 340290

Ion Ratio Lower Upper

240 100

120 10.4 13.8 20.8#

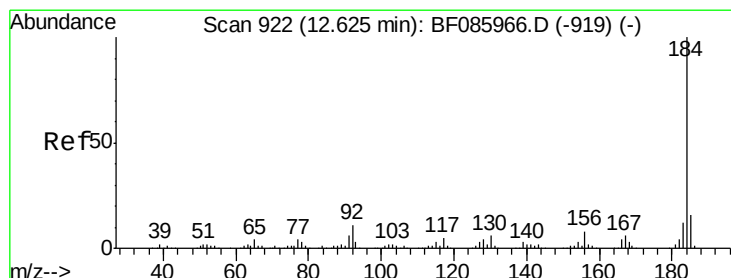
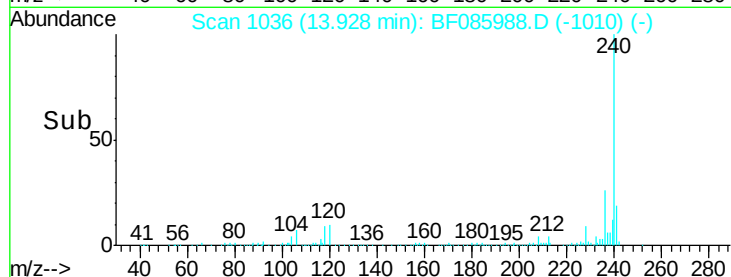
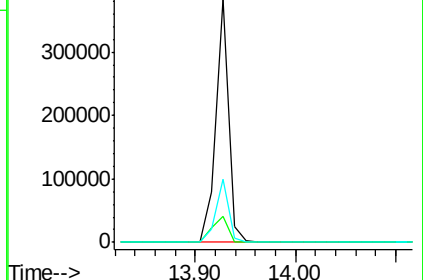
236 26.1 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.28 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

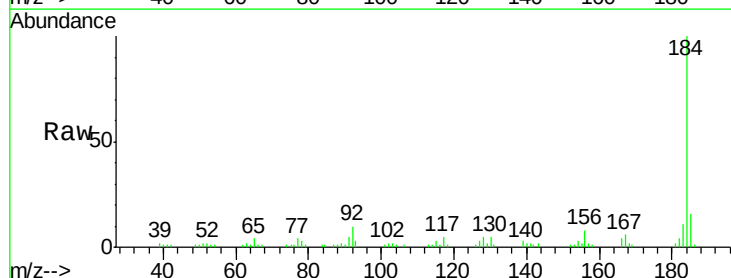
Tgt Ion:184 Resp: 87372

Ion Ratio Lower Upper

184 100

185 15.8 12.4 18.6

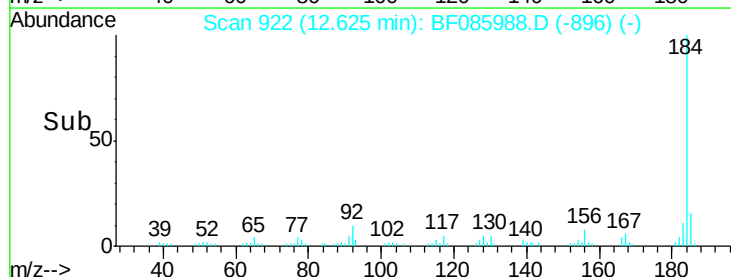
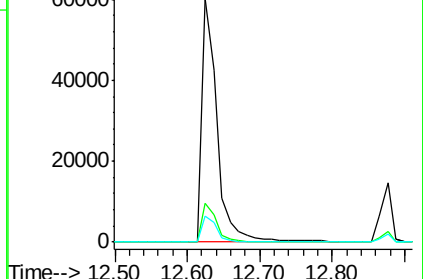
183 10.8 9.4 14.2

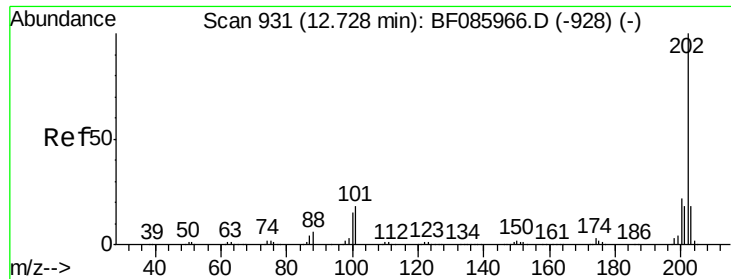


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

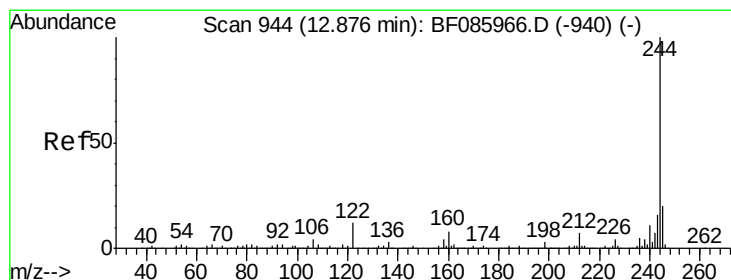
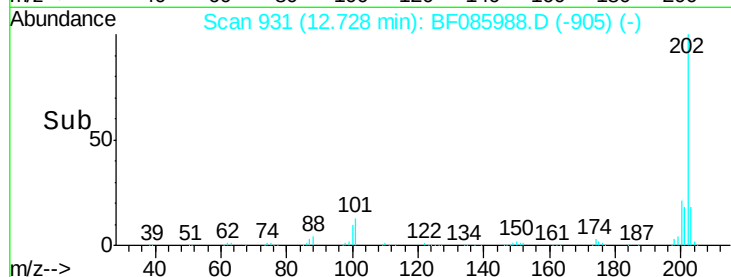
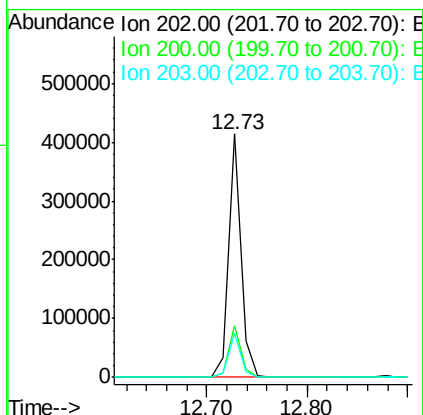
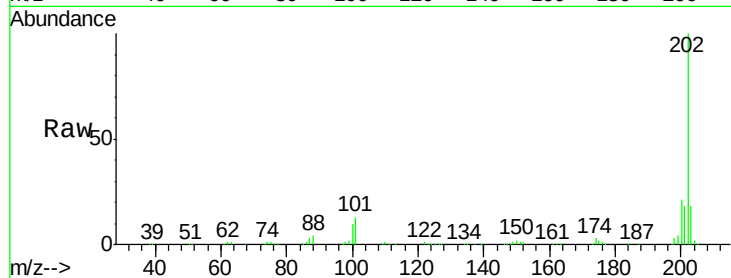




#77
Pvrene
Concen: 14.78 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

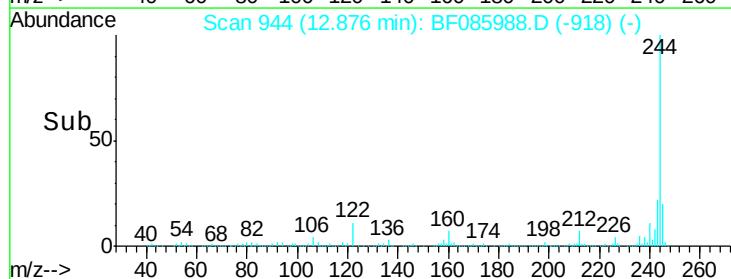
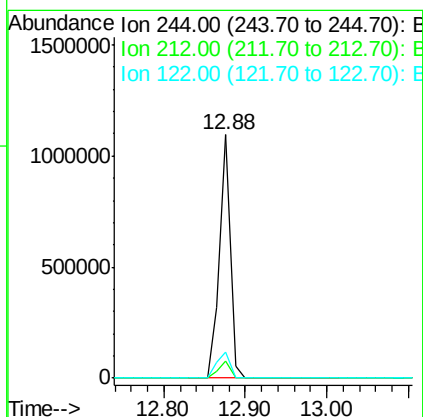
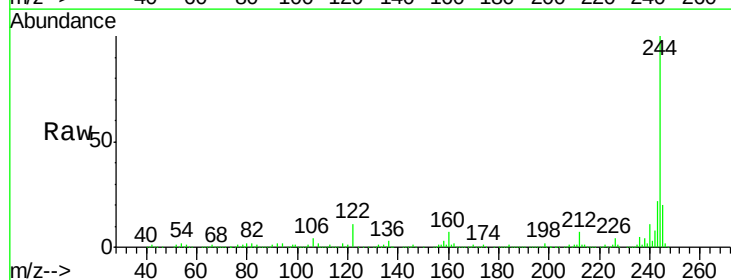
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

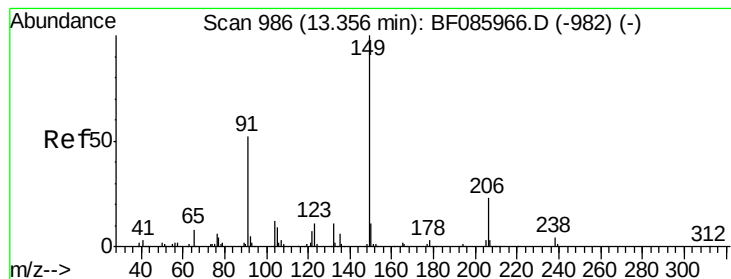
Tot Ion:202 Resp: 354513
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.0 21.0



#78
Terphenyl-d14
Concen: 70.33 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:244 Resp: 1018163
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 10.9 10.2 15.4





#79

Butylbenzylphthalate

Concen: 14.19 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

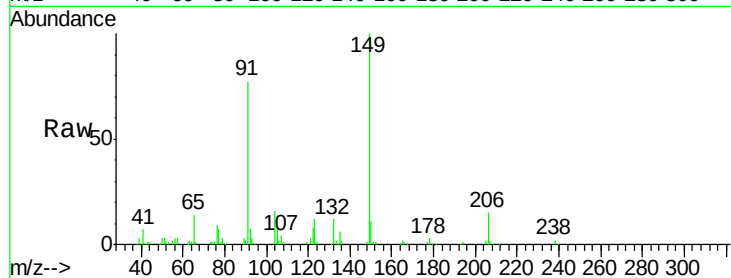
Tot Ion:149 Resp: 153186

Ion Ratio Lower Upper

149 100

91 77.0 45.8 68.8#

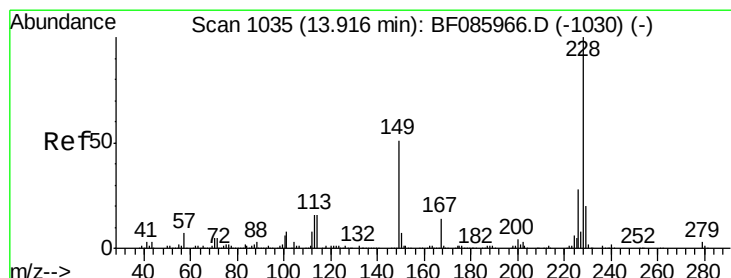
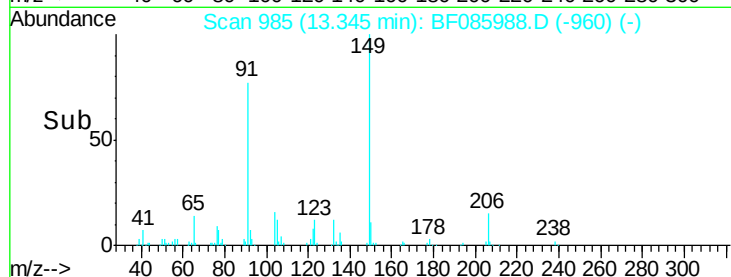
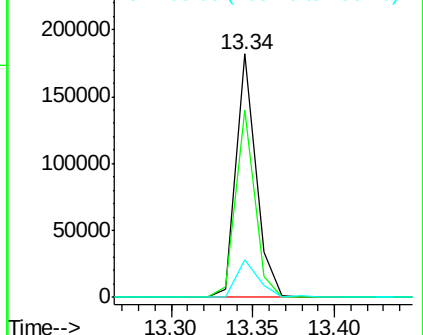
206 15.3 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 15.01 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

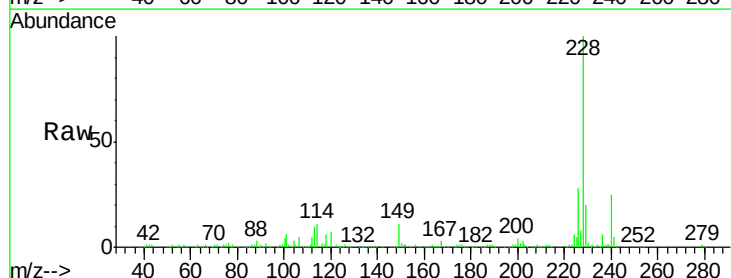
Tgt Ion:228 Resp: 301050

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

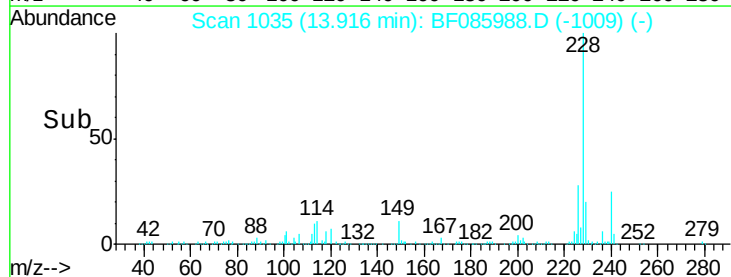
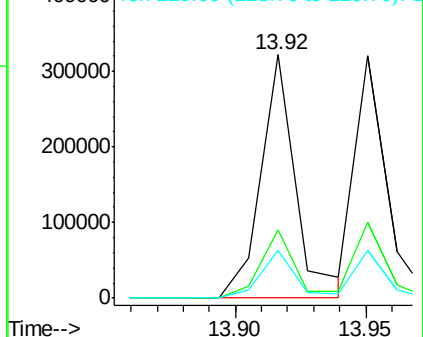
229 19.5 16.2 24.4

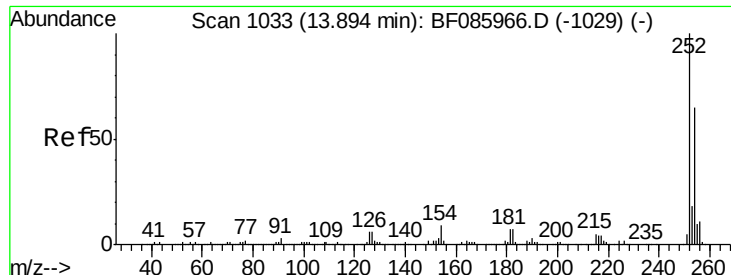


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

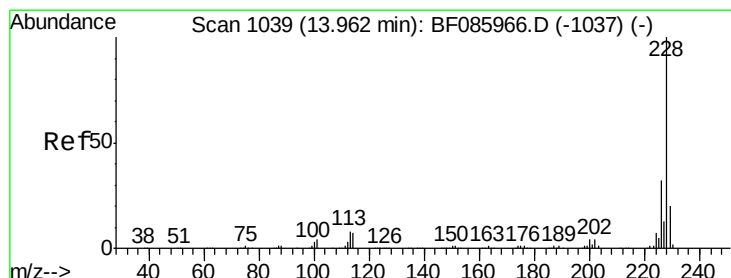
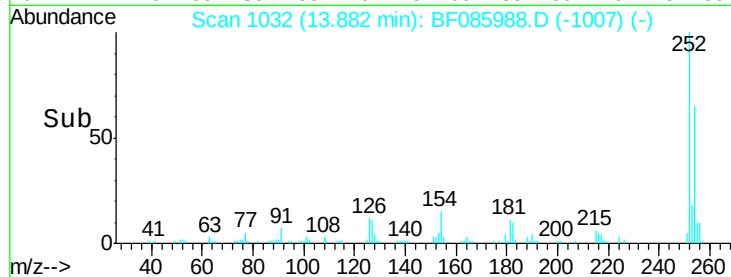
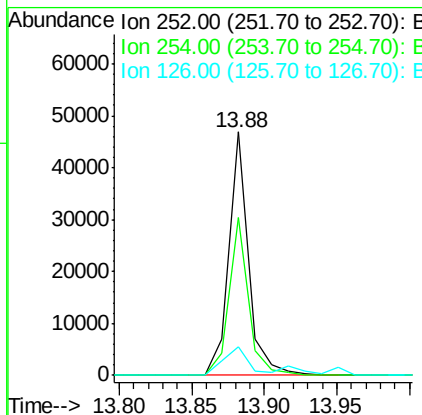
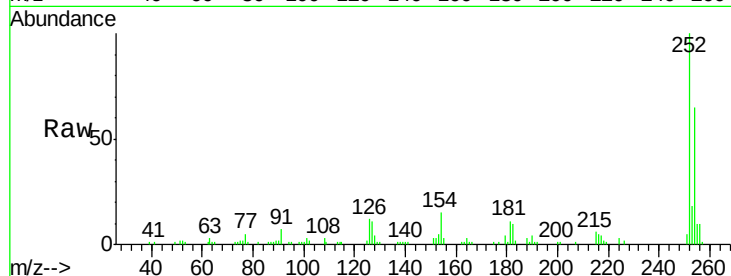




#81
 3,3'-Dichlorobenzidine
 Concen: 3.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

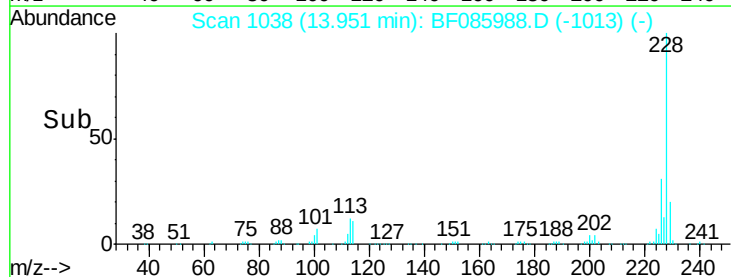
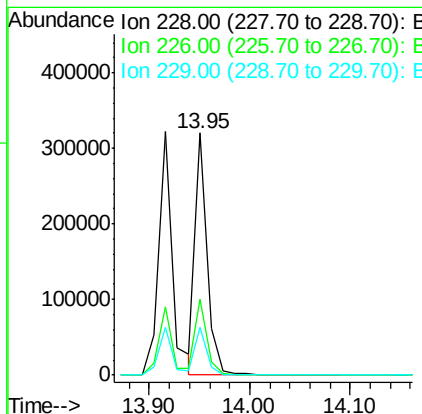
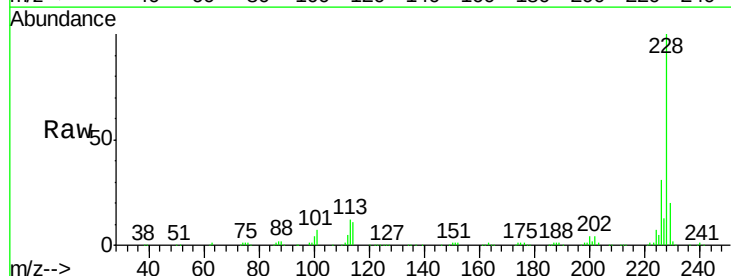
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

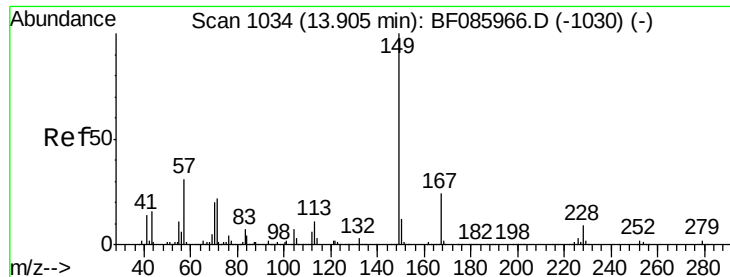
Tot Ion:252 Resp: 44009
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 11.5 11.8 17.6#



#82
 Chrysene
 Concen: 13.99 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:228 Resp: 270278
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.6 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 15.06 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

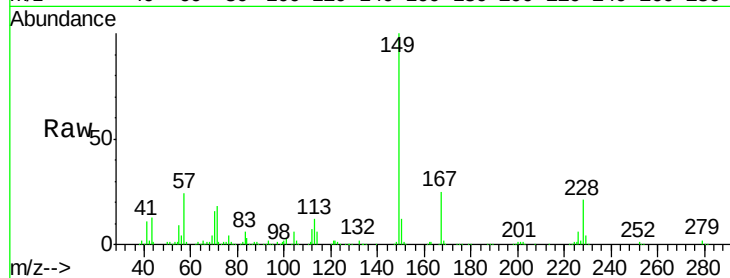
Tot Ion:149 Resp: 215845

Ion Ratio Lower Upper

149 100

167 24.9 19.4 29.2

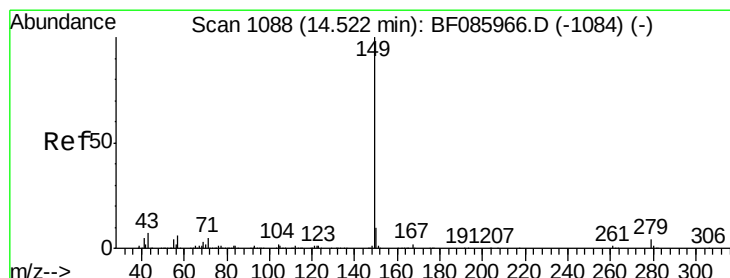
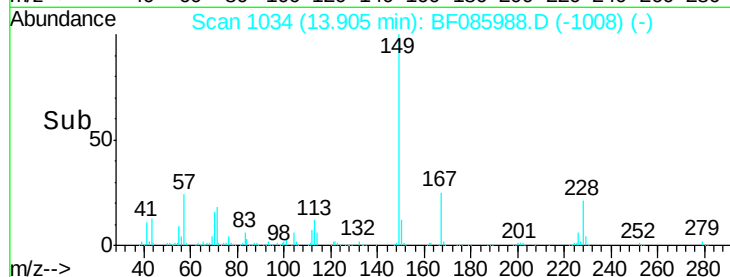
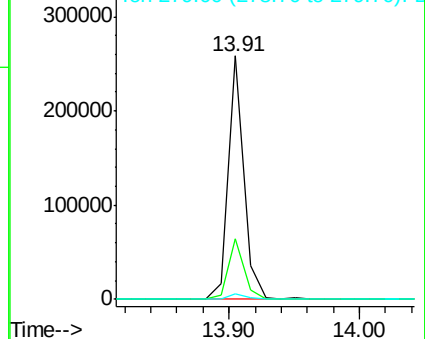
279 2.2 1.5 2.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 14.37 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

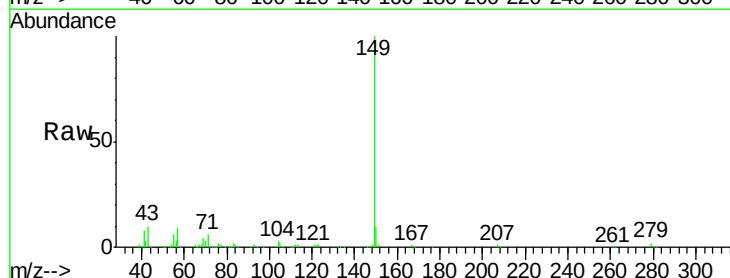
Tgt Ion:149 Resp: 328947

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

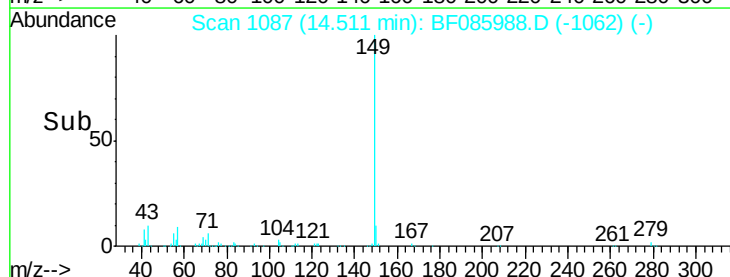
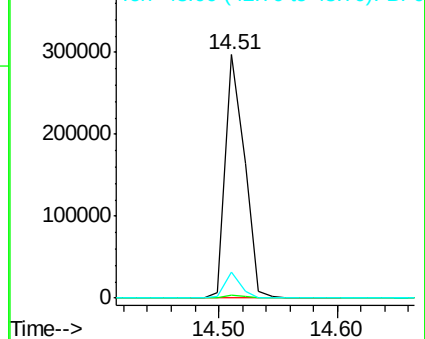
43 9.0 7.1 10.7

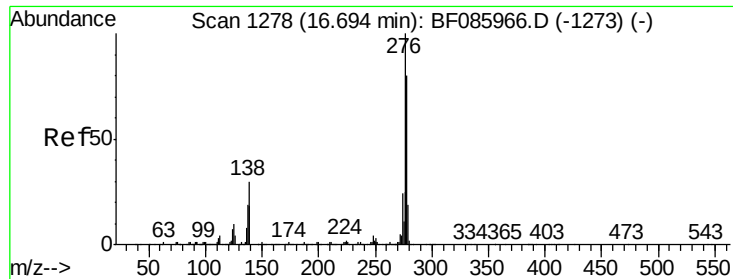


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

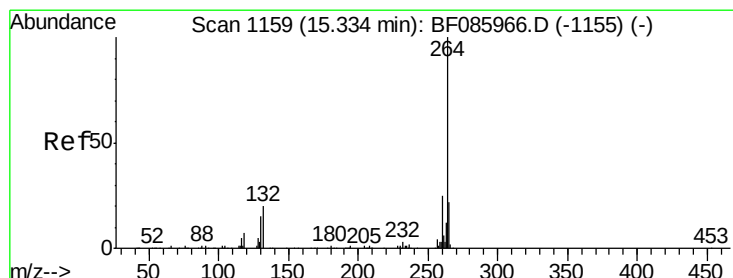
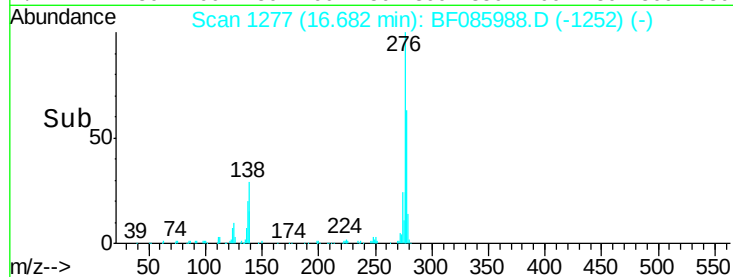
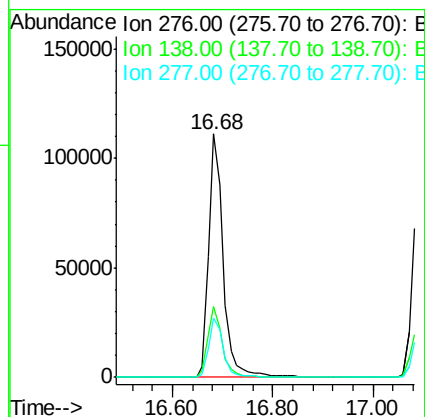
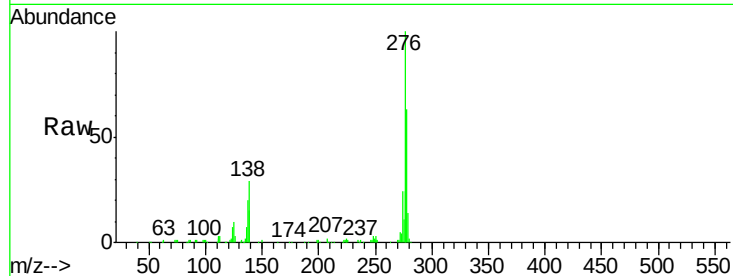




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.29 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

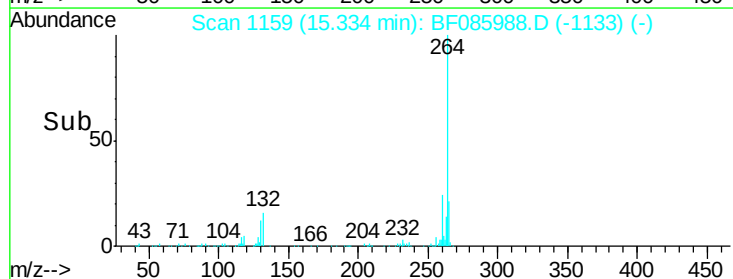
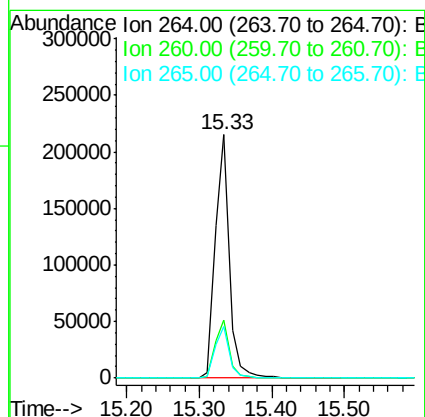
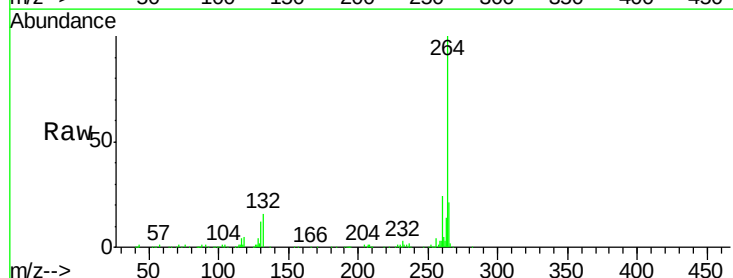
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

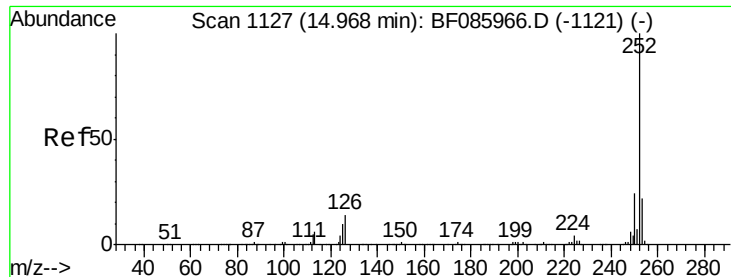
Tot Ion:	276	Resp:	223996
Ion	Ratio	Lower	Upper
276	100		
138	28.7	24.2	36.4
277	24.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion:	264	Resp:	288478
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 28.36 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

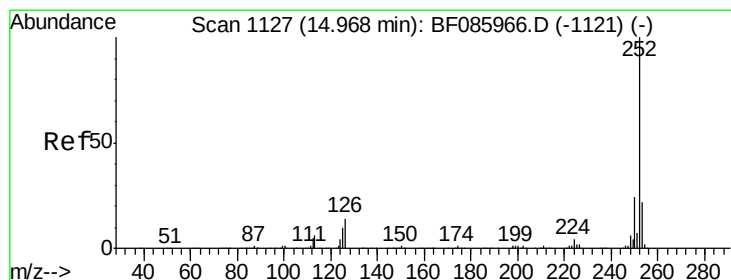
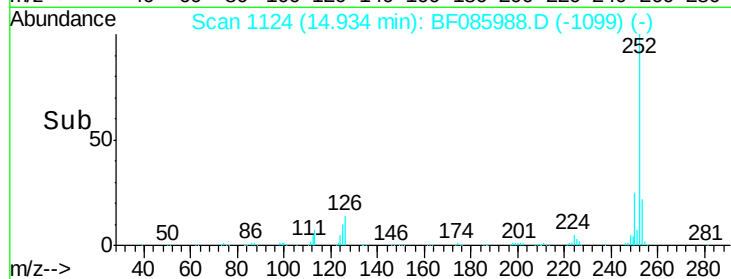
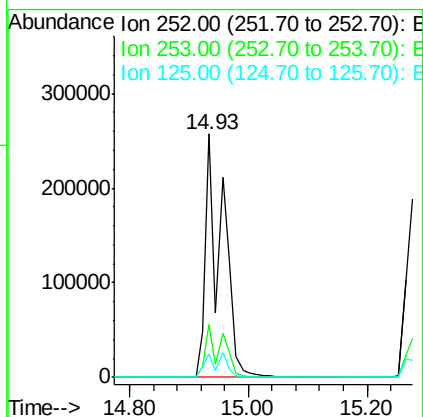
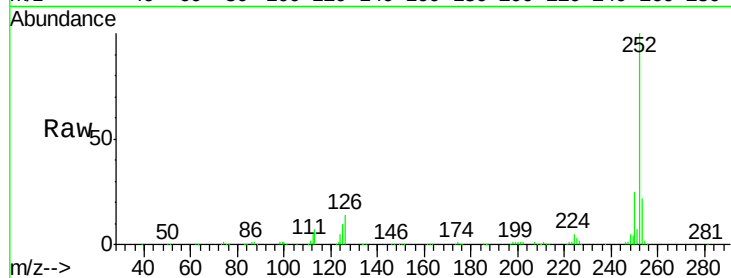
Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:252 Resp: 514719

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.8	10.3	15.5#



#88

Benzo(k)fluoranthene

Concen: 32.03 ng

RT: 14.93 min Scan# 1124

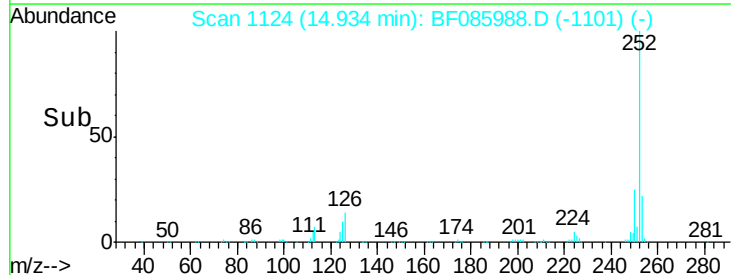
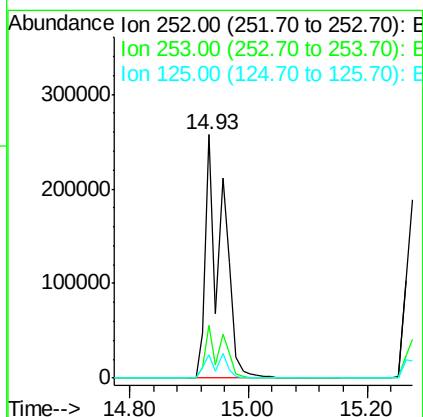
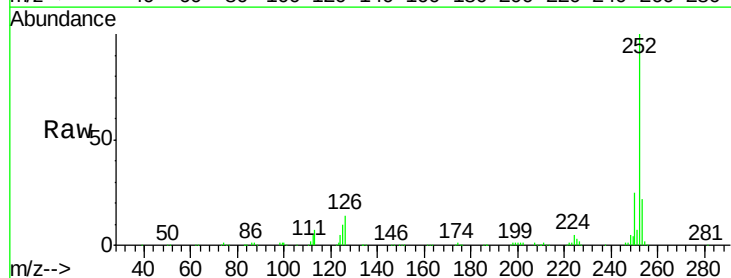
Delta R.T. -0.03 min

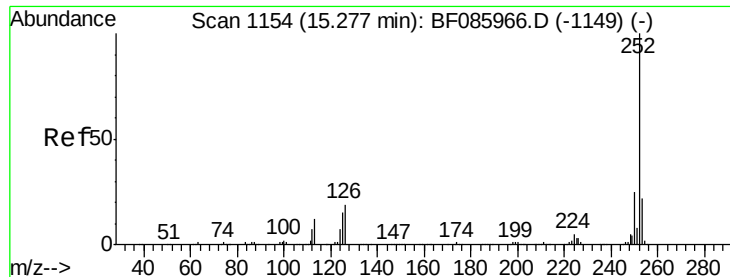
Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:252 Resp: 514719

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.8	7.7	11.5





#89

Benzo(a)pyrene

Concen: 15.20 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

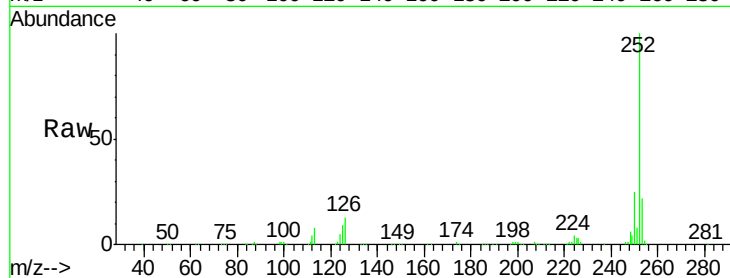
Tot Ion:252 Resp: 244455

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

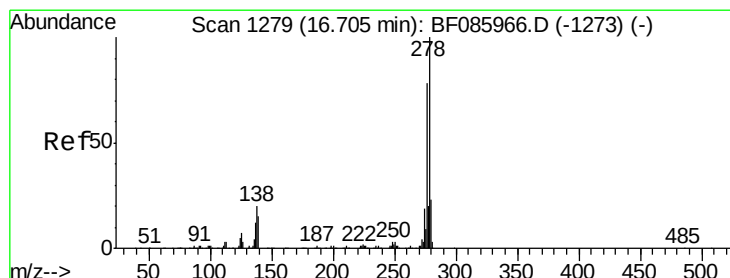
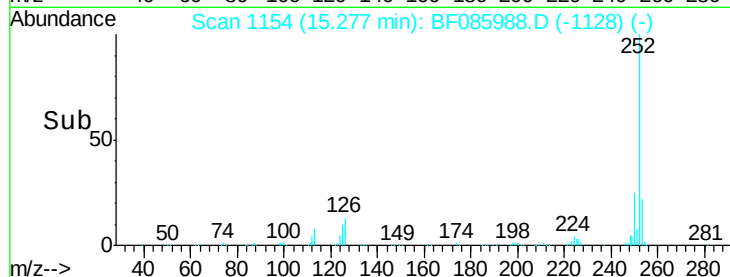
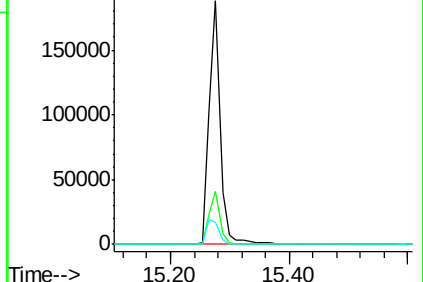
125 9.3 10.3 15.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 14.31 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

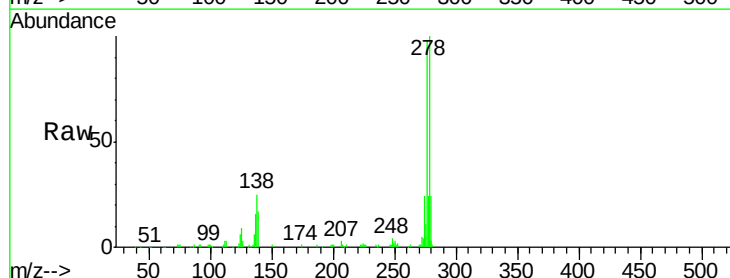
Tgt Ion:278 Resp: 185058

Ion Ratio Lower Upper

278 100

139 17.1 14.4 21.6

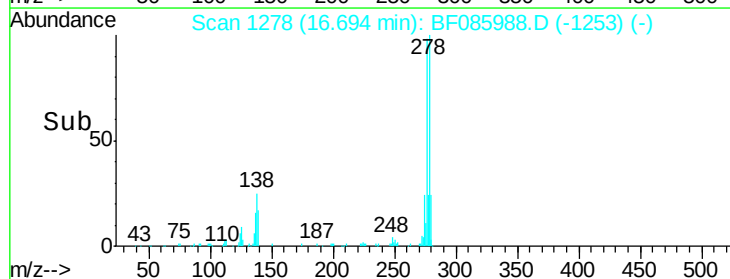
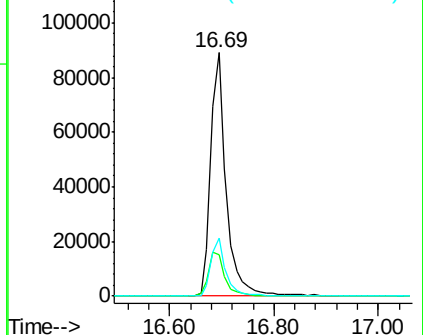
279 23.9 19.1 28.7

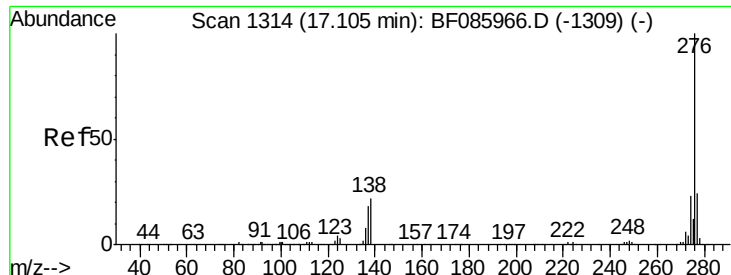


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 14.31 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

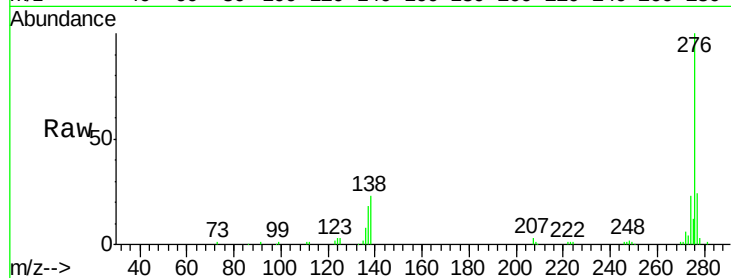
Tot Ion: 276 Resp: 179143

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.4 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

