

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086322.D
 Acq On : 20 Apr 2016 21:39
 Operator : UM/SJ
 Sample : H1824-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Apr 21 01:03:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266067	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1095751	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	507028	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	852688	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	489733	20.00	ng	-0.03
86) Perylene-d12	15.44	264	462065	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1960307	128.55	ng	-0.01
7) Phenol-d6	6.50	99	2488907	124.72	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1592211	83.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	512896	129.78	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2569882	100.90	ng	-0.03
78) Terphenyl-d14	12.97	244	1714374	83.33	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	120635	14.60	ng	# 90
3) Pyridine	3.31	79	296862	14.04	ng	95
4) n-Nitrosodimethylamine	3.21	42	122247	16.78	ng	# 68
6) Aniline	6.52	93	265432	9.88	ng	# 82
8) 2-Chlorophenol	6.65	128	332280	18.34	ng	84
9) Benzaldehyde	6.41	77	304401	21.52	ng	98
10) Phenol	6.51	94	395194	17.28	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	351905	17.62	ng	92
12) 1,3-Dichlorobenzene	6.80	146	354168	17.82	ng	98
13) 1,4-Dichlorobenzene	6.88	146	384817	18.12	ng	98
14) 1,2-Dichlorobenzene	7.04	146	328143	17.42	ng	99
15) Benzyl Alcohol	7.00	79	249276	20.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	481196	17.12	ng	89
17) 2-Methylphenol	7.12	107	295701	19.53	ng	96
18) Hexachloroethane	7.38	117	124949	19.74	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	244729	20.25	ng	94
20) 3+4-Methylphenols	7.26	107	342518	20.86	ng	# 80
22) Acetophenone	7.28	105	479003	20.81	ng	# 96
24) Nitrobenzene	7.45	77	347084	16.96	ng	95
25) Isophorone	7.68	82	660249	18.21	ng	95
26) 2-Nitrophenol	7.77	139	173281	18.93	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	317211	17.67	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	416880	19.66	ng	99
29) 2,4-Dichlorophenol	8.01	162	280828	19.83	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	294117	19.25	ng	100
31) Naphthalene	8.17	128	1052380	20.15	ng	98
32) Benzoic acid	7.89	122	156164	14.63	ng	90
33) 4-Chloroaniline	8.22	127	164486	7.61	ng	# 92
34) Hexachlorobutadiene	8.29	225	142886	18.56	ng	98
35) Caprolactam	8.57	113	85218	18.58	ng	# 64
36) 4-Chloro-3-methylphenol	8.70	107	308545	19.38	ng	95
37) 2-Methylnaphthalene	8.86	142	651515	20.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	257636	19.09	ng	97
40) Hexachlorocyclopentadiene	9.01	237	83821	26.60	ng	98

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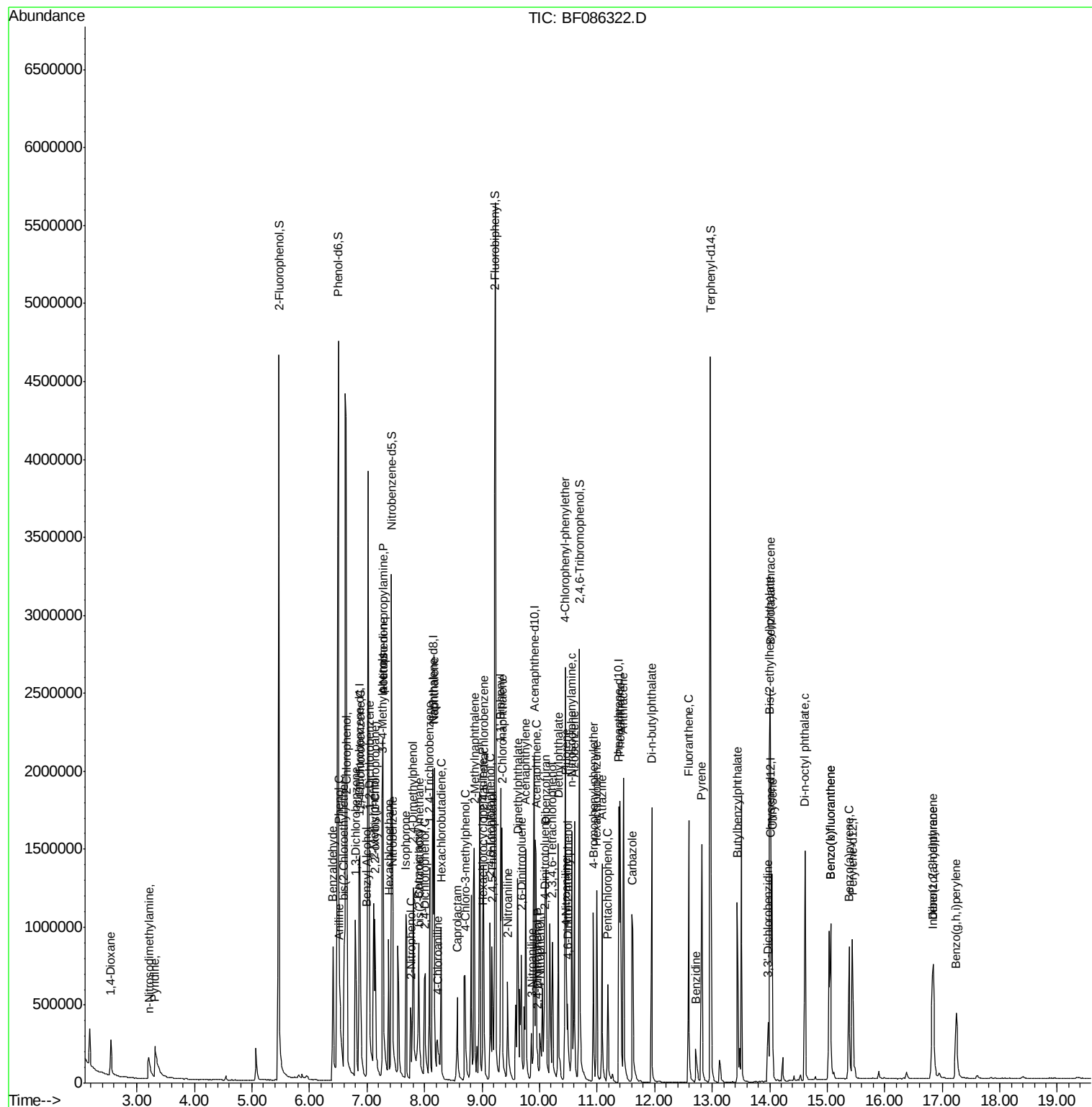
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	173998	18.58	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	184394	18.08	ng	# 84
45) 1,1'-Biphenyl	9.32	154	793145	19.92	ng	99
46) 2-Chloronaphthalene	9.34	162	585148	19.39	ng	99
47) 2-Nitroaniline	9.45	65	189636	18.49	ng	# 73
48) Acenaphthylene	9.76	152	945005	20.06	ng	98
49) Dimethylphthalate	9.62	163	693786	17.97	ng	99
50) 2,6-Dinitrotoluene	9.69	165	159809	20.12	ng	94
51) Acenaphthene	9.94	154	563709	20.39	ng	97
52) 3-Nitroaniline	9.86	138	113121	11.20	ng	85
53) 2,4-Dinitrophenol	9.96	184	32459	24.59	ng	# 55
54) Dibenzofuran	10.11	168	824898	21.95	ng	99
55) 4-Nitrophenol	10.01	139	109041	17.41	ng	86
56) 2,4-Dinitrotoluene	10.09	165	204309	20.69	ng	98
57) Fluorene	10.45	166	601207	21.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	155636	22.75	ng	89
59) Diethylphthalate	10.33	149	725307	19.26	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	278186	21.57	ng	99
61) 4-Nitroaniline	10.46	138	169551	17.93	ng	# 84
62) Azobenzene	10.60	77	790751	21.30	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	56019	24.31	ng	97
65) n-Nitrosodiphenylamine	10.56	169	551123	19.62	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	173819	18.97	ng	98
67) Hexachlorobenzene	10.99	284	167344	18.20	ng	96
68) Atrazine	11.08	200	161586	18.71	ng	99
69) Pentachlorophenol	11.18	266	92295	19.16	ng	97
70) Phenanthrene	11.40	178	825283	20.42	ng	99
71) Anthracene	11.46	178	920196	21.26	ng	98
72) Carbazole	11.62	167	847811	20.70	ng	96
73) Di-n-butylphthalate	11.95	149	1094630	20.76	ng	98
74) Fluoranthene	12.59	202	771820	20.60	ng	97
76) Benzidine	12.72	184	160582	7.43	ng	98
77) Pyrene	12.82	202	742148	20.43	ng	99
79) Butylbenzylphthalate	13.44	149	373239	19.46	ng	# 72
80) Benzo(a)anthracene	14.01	228	497217	19.27	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	117595	6.59	ng	# 96
82) Chrysene	14.04	228	566359	20.31	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	465911	20.75	ng	# 97
84) Di-n-octyl phthalate	14.61	149	786082	19.42	ng	95
85) Indeno(1,2,3-cd)pyrene	16.83	276	484723	16.91	ng	96
87) Benzo(b)fluoranthene	15.06	252	1017971	38.09	ng	98
88) Benzo(k)fluoranthene	15.06	252	1017971	45.25	ng	99
89) Benzo(a)pyrene	15.38	252	479591	19.47	ng	99
90) Dibenzo(a,h)anthracene	16.84	278	410955	19.11	ng	# 95
91) Benzo(g,h,i)perylene	17.24	276	388292	18.83	ng	94

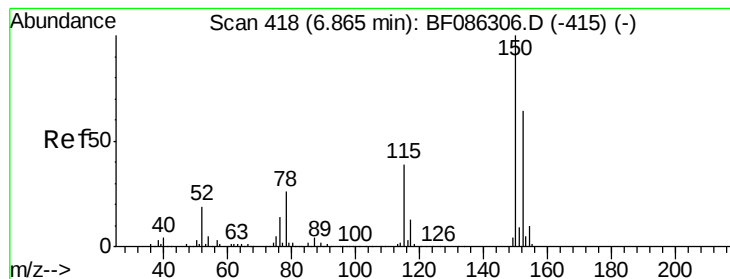
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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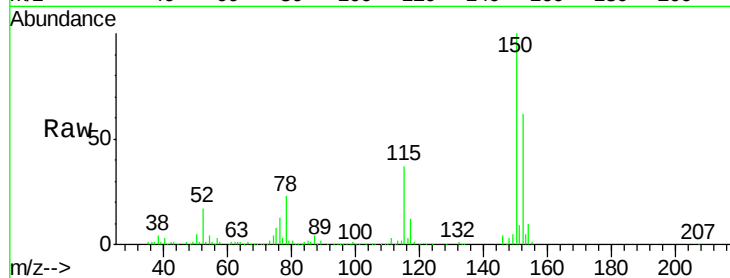




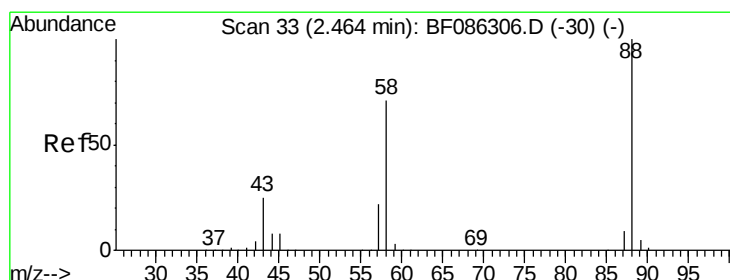
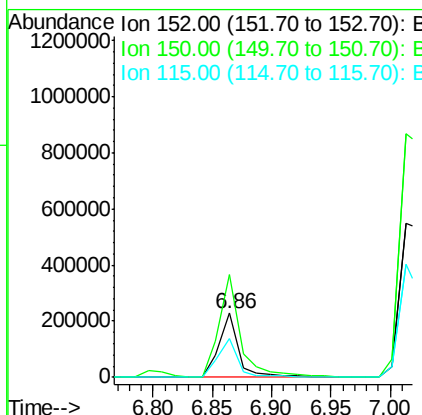
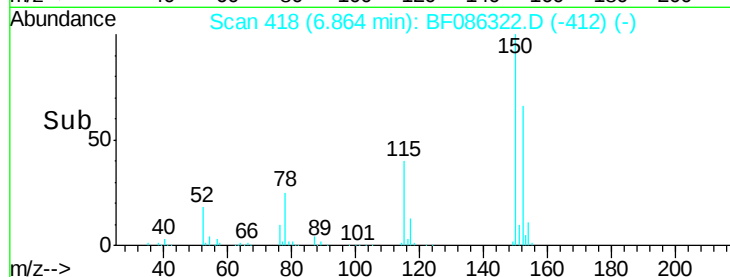
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:152 Resp: 266067
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.1 186.1
 115 60.2 43.9 65.9

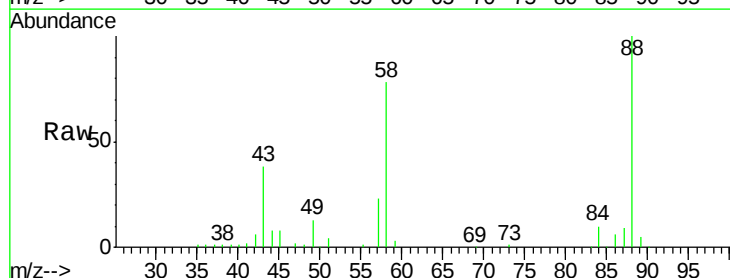


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

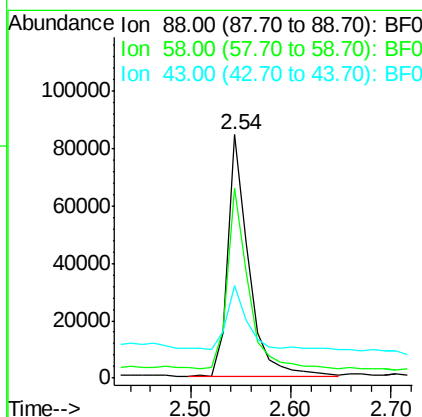
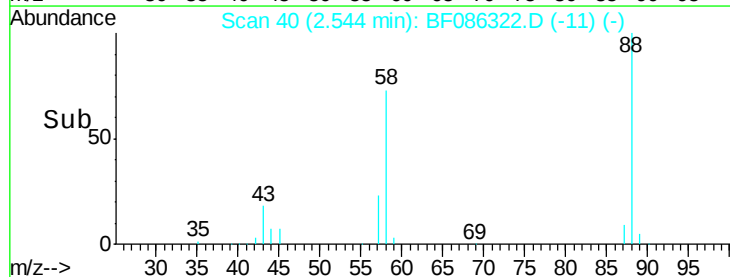


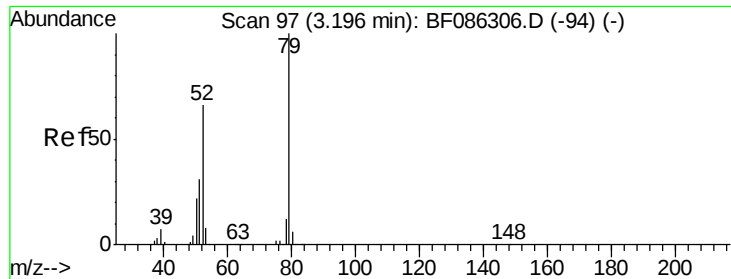
#2
 1,4-Dioxane
 Concen: 14.60 ng
 RT: 2.54 min Scan# 40
 Delta R.T. 0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion: 88 Resp: 120635
 Ion Ratio Lower Upper
 88 100
 58 75.2 58.4 87.6
 43 43.6 23.3 34.9#



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

Pyridine

Concen: 14.04 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF086322.D

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Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

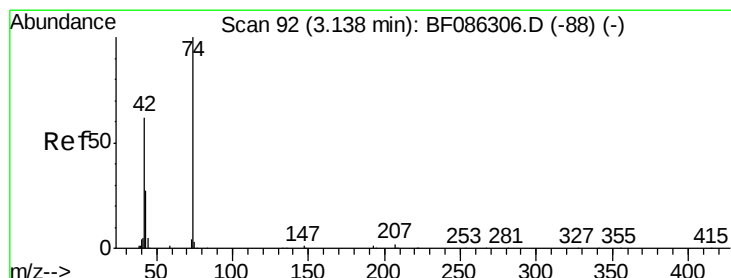
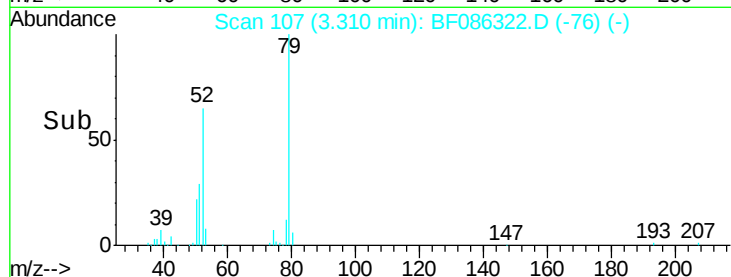
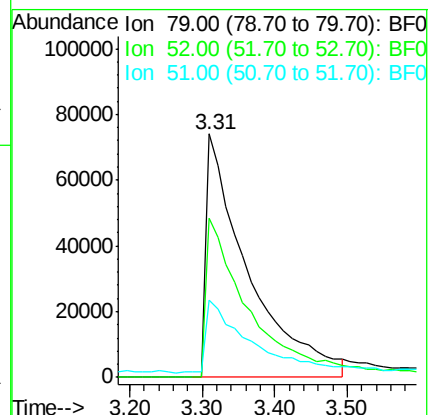
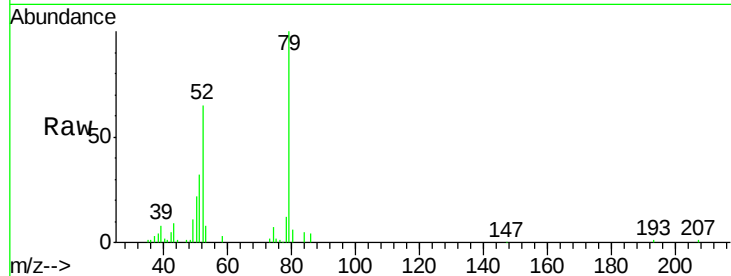
Tgt Ion: 79 Resp: 296862

Ion Ratio Lower Upper

79 100

52 65.1 55.4 83.2

51 31.8 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 16.78 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

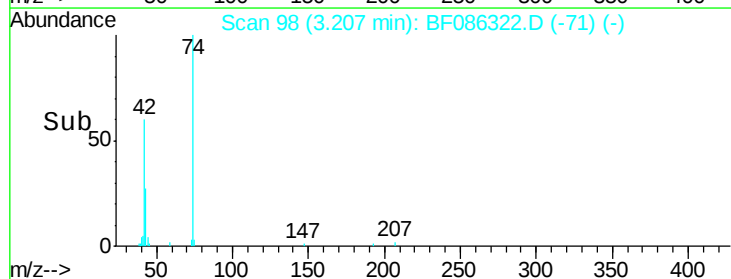
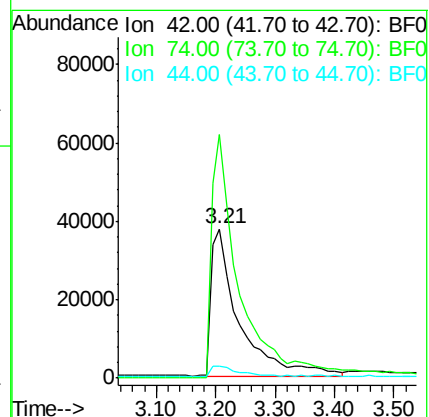
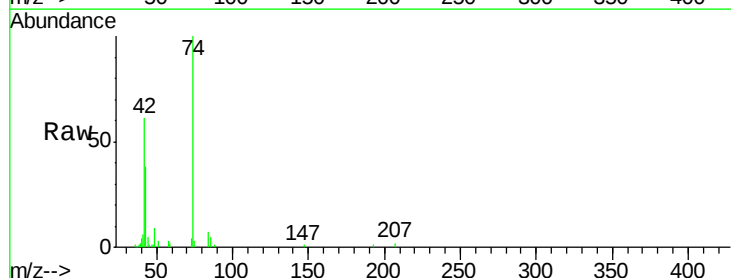
Tgt Ion: 42 Resp: 122247

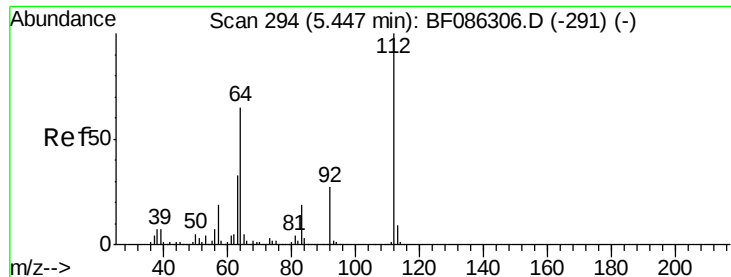
Ion Ratio Lower Upper

42 100

74 163.3 100.5 150.7#

44 8.4 5.4 8.0#





#5

2-Fluorophenol

Concen: 128.55 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

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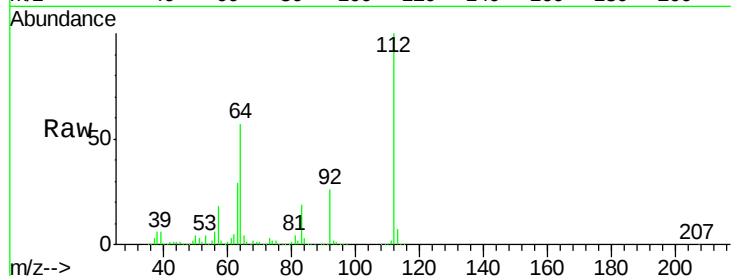
Tgt Ion:112 Resp: 1960307

Ion Ratio Lower Upper

112 100

64 56.7 48.1 72.1

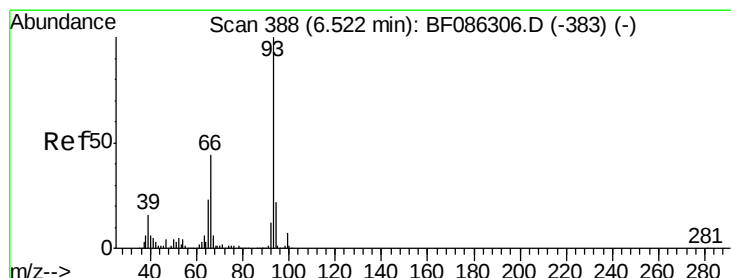
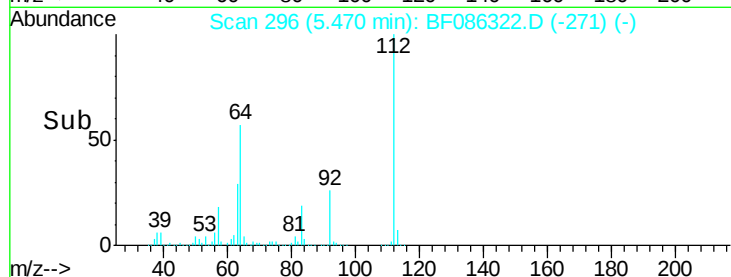
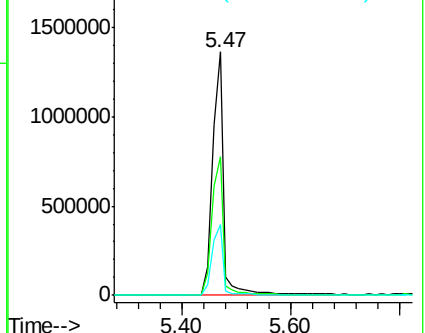
63 29.2 25.5 38.3



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: 9.88 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

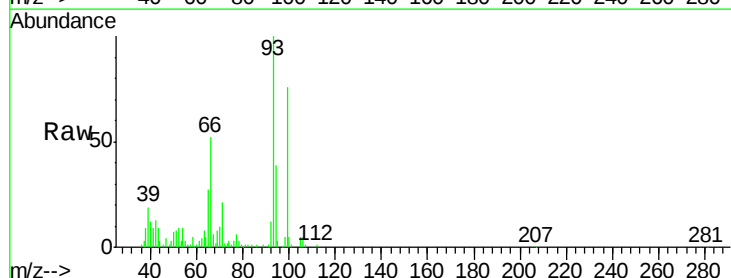
Tgt Ion: 93 Resp: 265432

Ion Ratio Lower Upper

93 100

66 52.2 32.2 48.2#

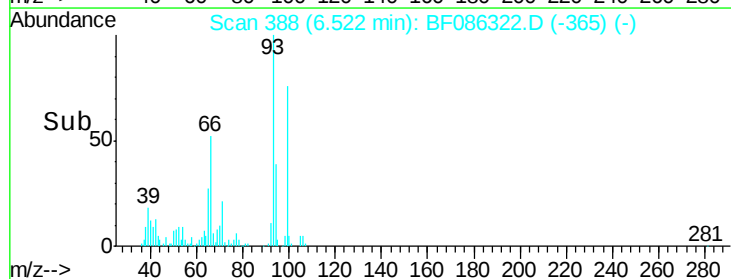
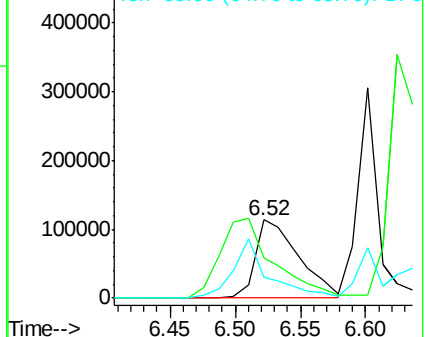
65 27.5 16.4 24.6#

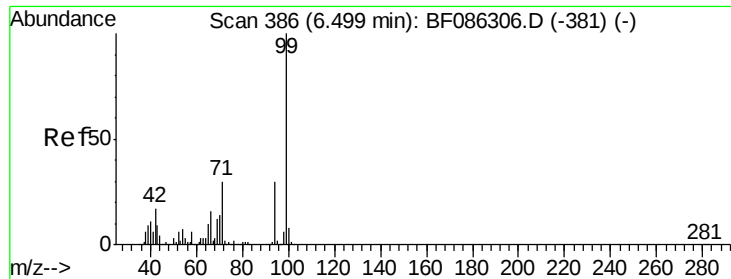


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.72 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

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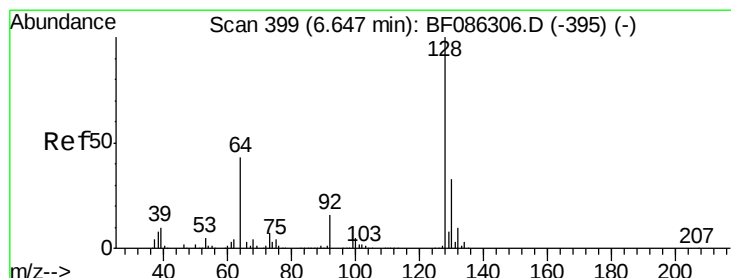
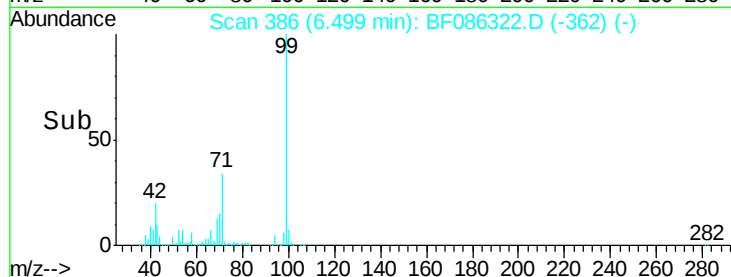
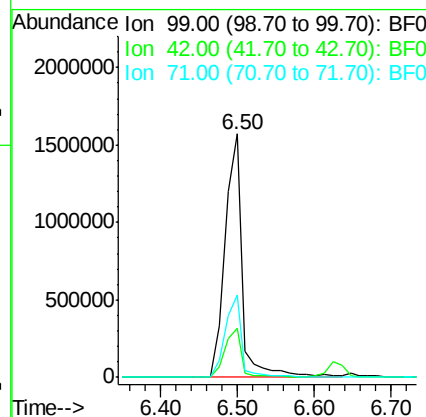
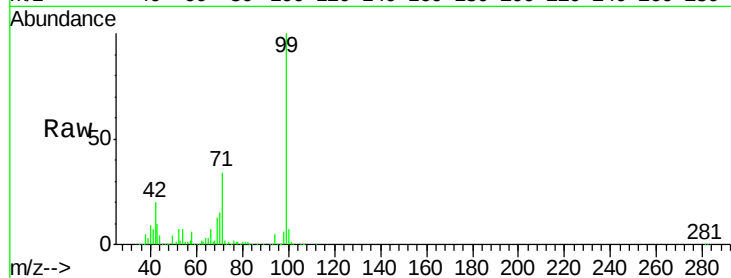
Tgt Ion: 99 Resp: 2488907

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.2

71 33.8 25.6 38.4



#8

2-Chlorophenol

Concen: 18.34 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

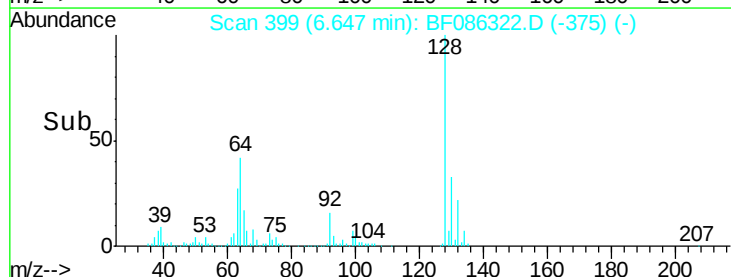
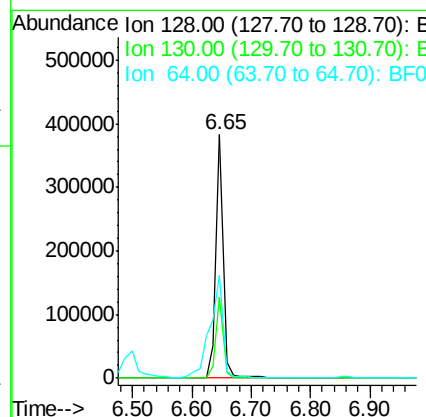
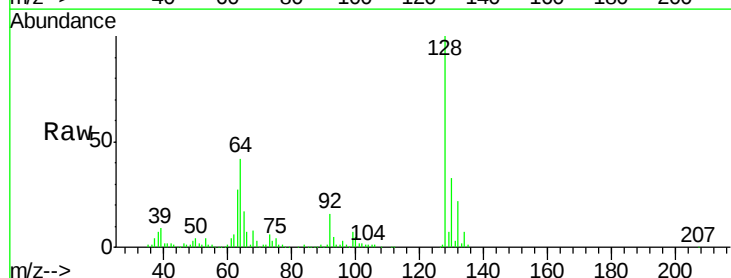
Tgt Ion: 128 Resp: 332280

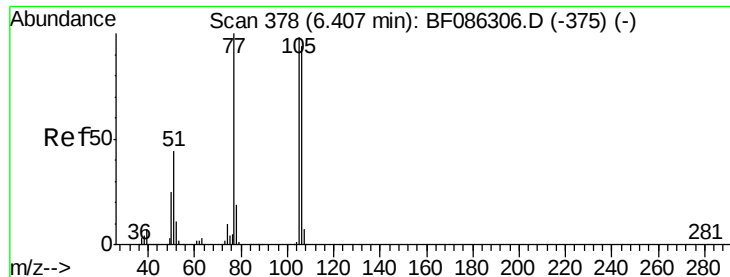
Ion Ratio Lower Upper

128 100

130 33.2 11.8 51.8

64 42.3 39.5 79.5





#9

Benzaldehyde

Concen: 21.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

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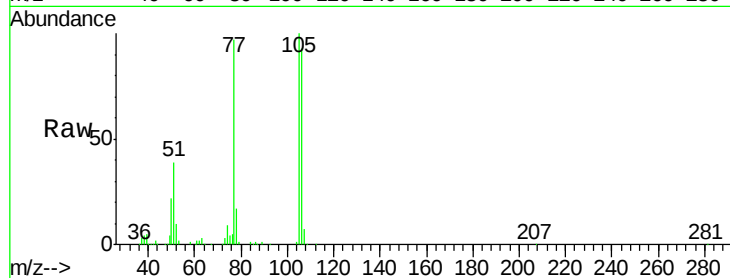
Tgt Ion: 77 Resp: 304401

Ion Ratio Lower Upper

77 100

105 103.1 84.6 124.6

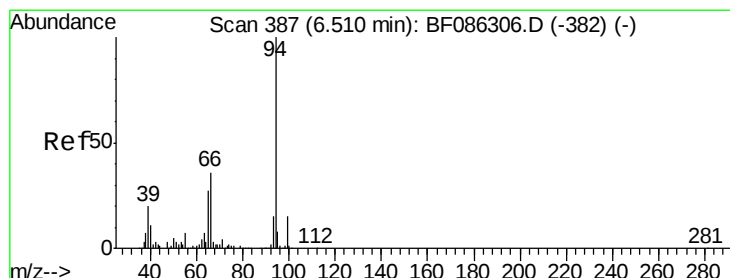
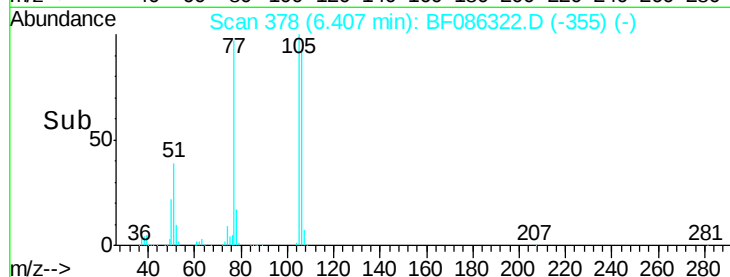
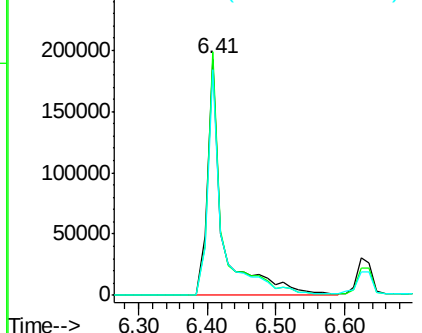
106 95.5 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 17.28 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

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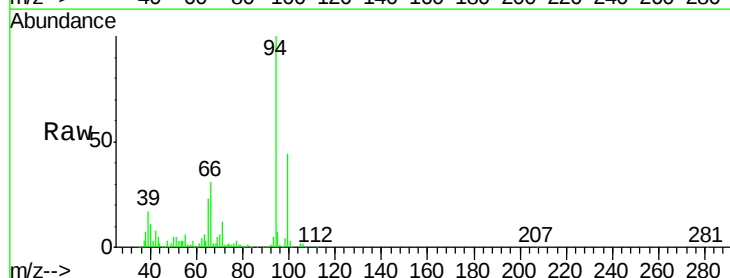
Tgt Ion: 94 Resp: 395194

Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

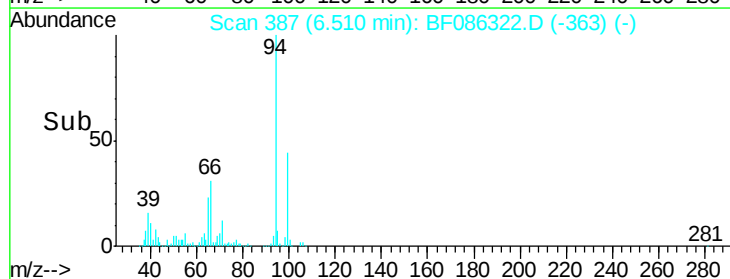
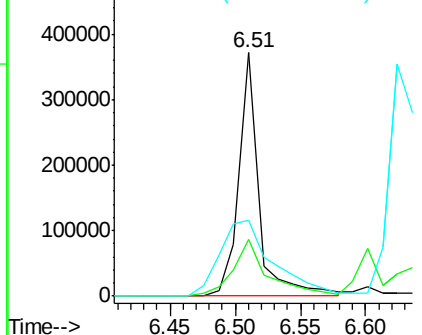
66 31.3 16.5 56.5

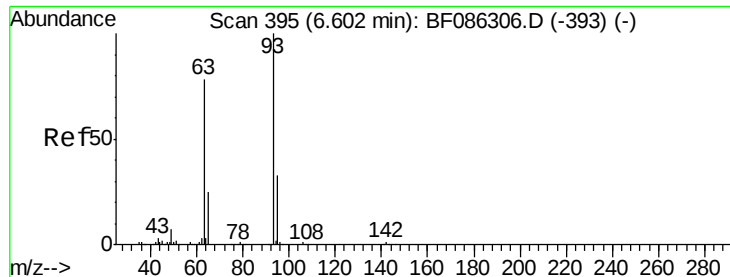


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

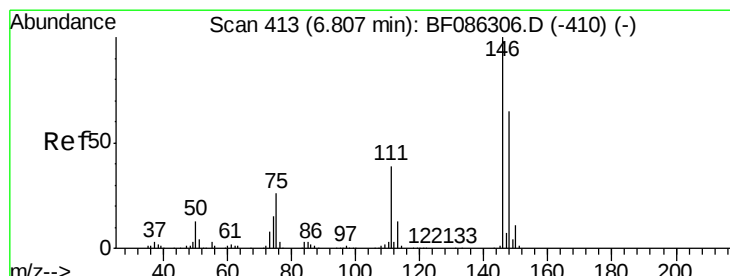
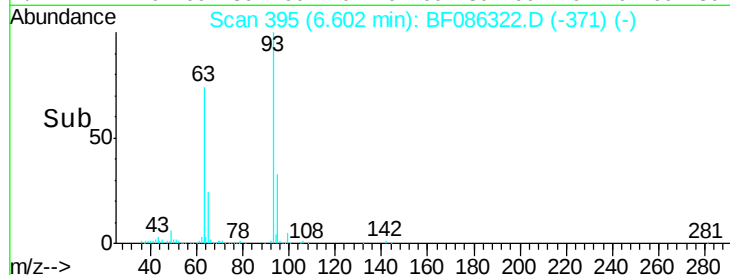
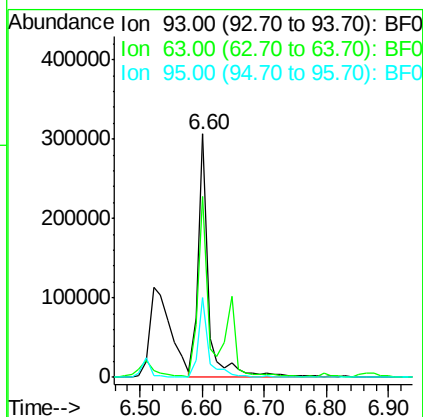
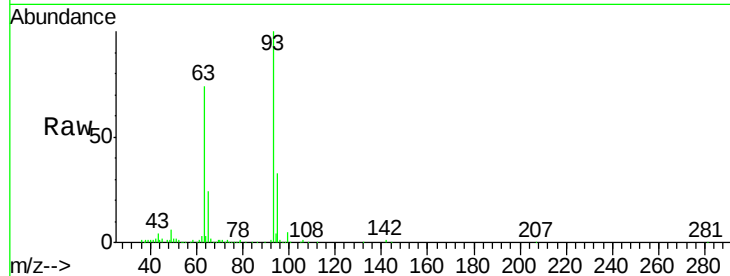




#11
bis(2-Chloroethyl)ether
Concen: 17.62 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

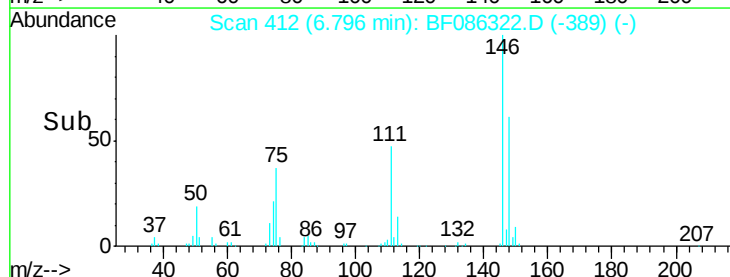
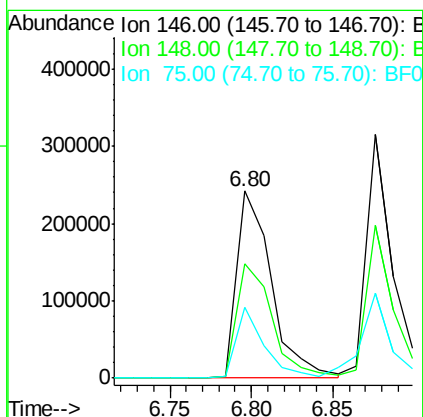
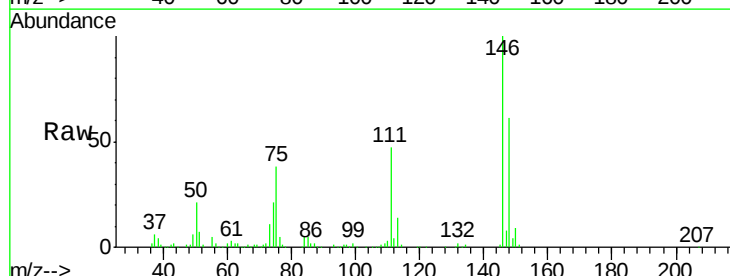
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

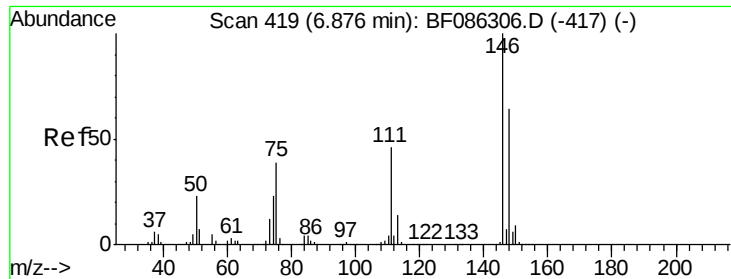
Tgt Ion: 93 Resp: 351905
Ion Ratio Lower Upper
93 100
63 74.1 44.4 84.4
95 32.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 17.82 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion: 146 Resp: 354168
Ion Ratio Lower Upper
146 100
148 61.1 51.0 76.4
75 37.7 29.9 44.9

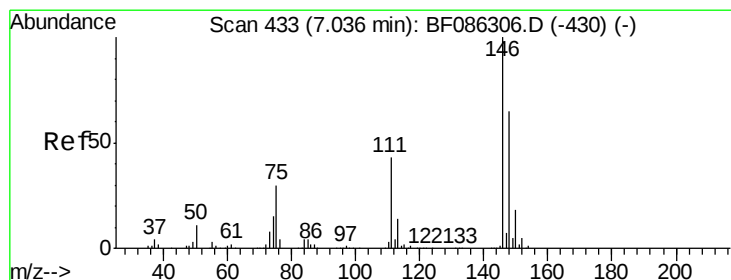
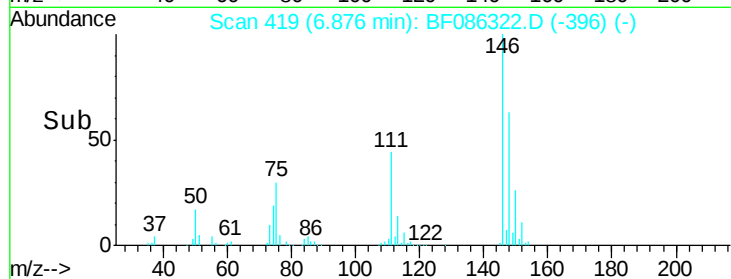
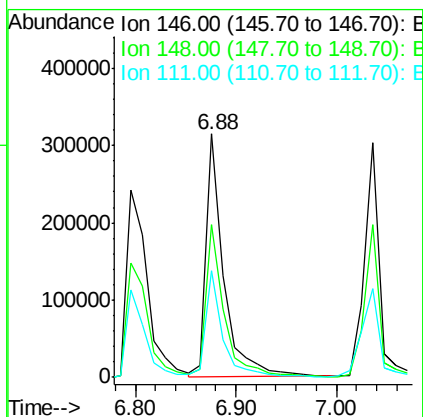
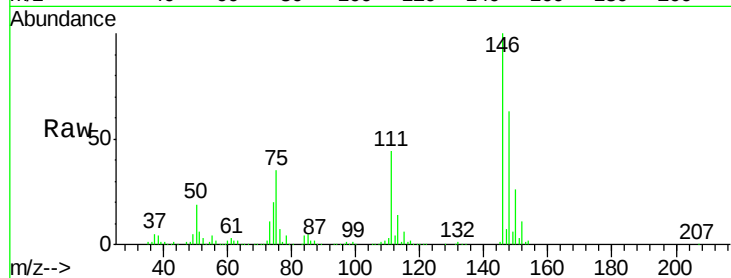




#13
 1,4-Dichlorobenzene
 Concen: 18.12 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

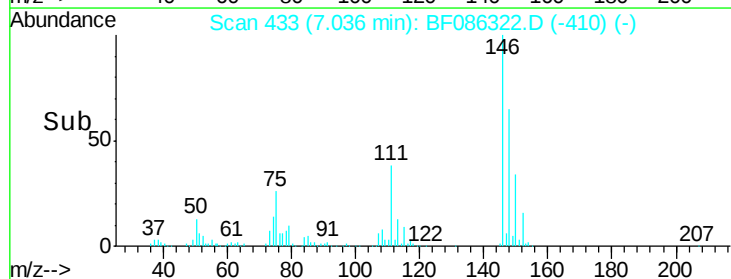
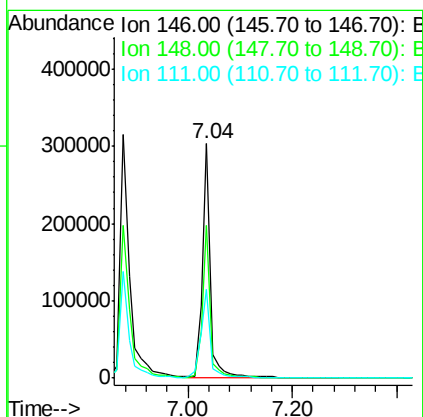
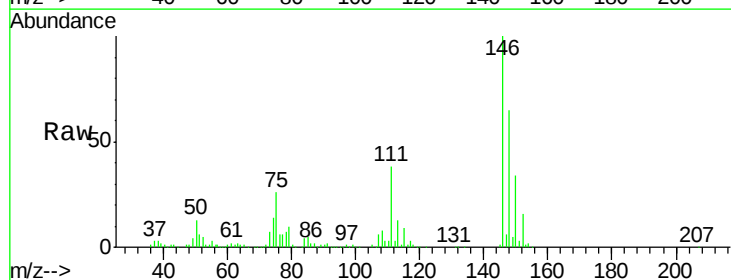
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

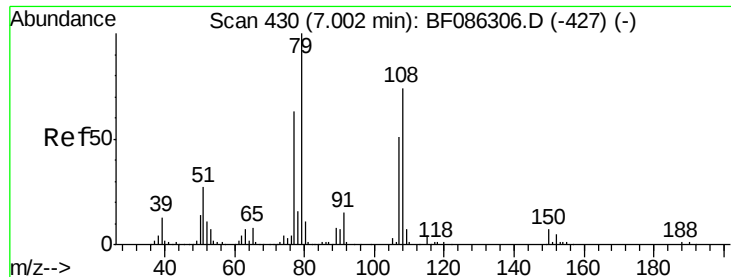
Tgt Ion:146 Resp: 384817
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.6
 111 43.6 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 17.42 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:146 Resp: 328143
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 37.6 31.0 46.4





#15

Benzyl Alcohol

Concen: 20.10 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

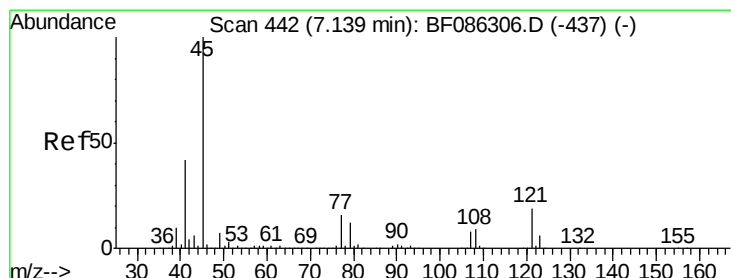
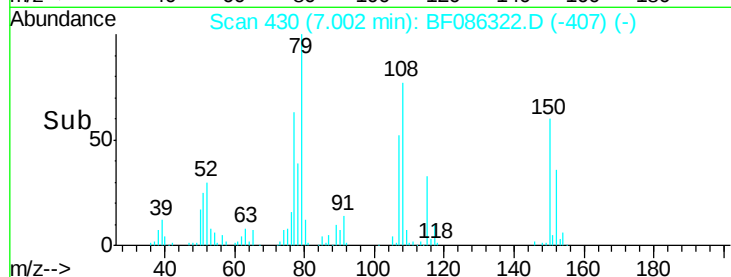
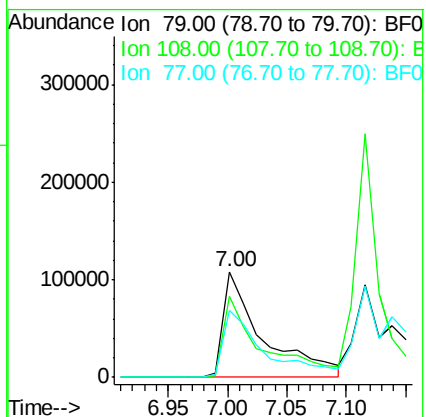
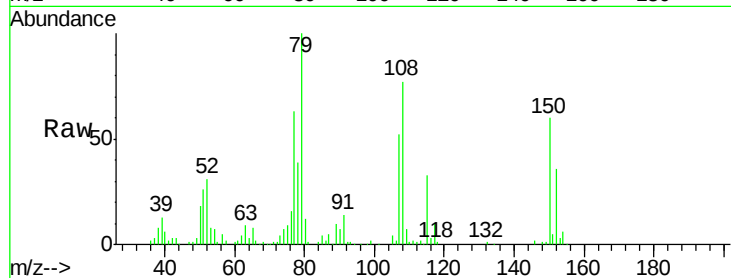
Tgt Ion: 79 Resp: 249276

Ion Ratio Lower Upper

79 100

108 77.2 64.8 97.2

77 63.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.12 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

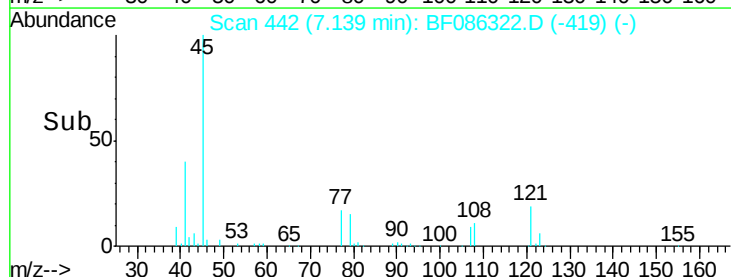
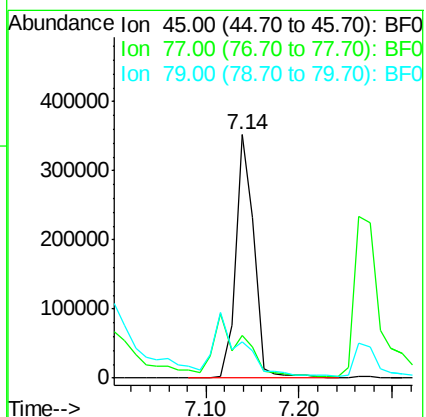
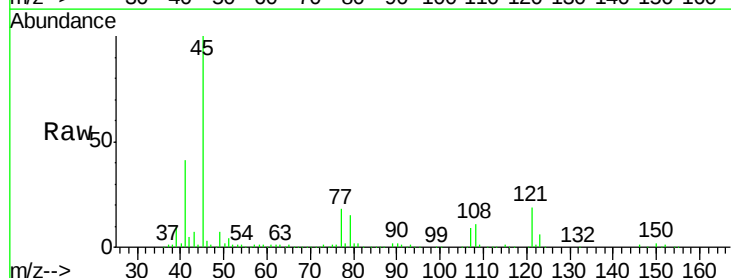
Tgt Ion: 45 Resp: 481196

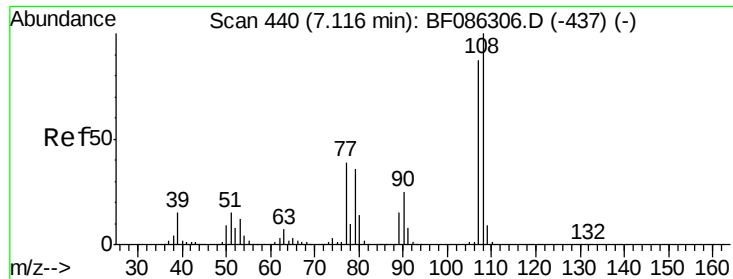
Ion Ratio Lower Upper

45 100

77 17.7 0.0 33.7

79 15.0 0.0 30.1

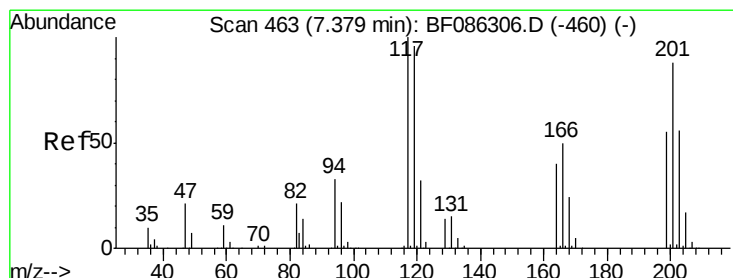
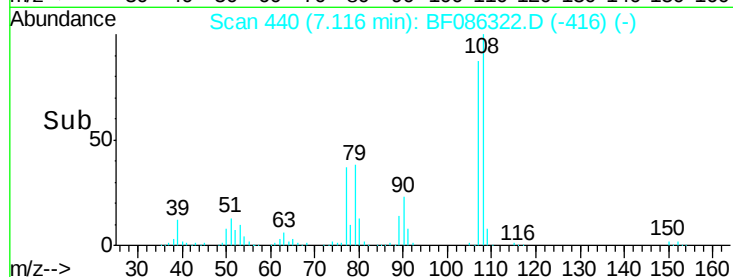
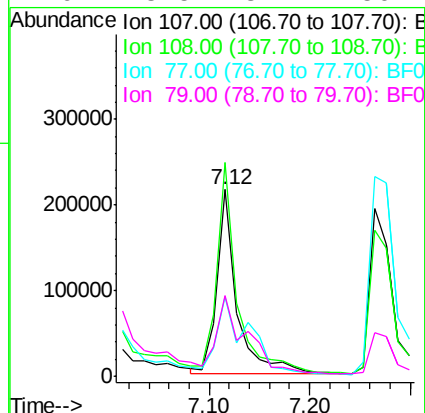
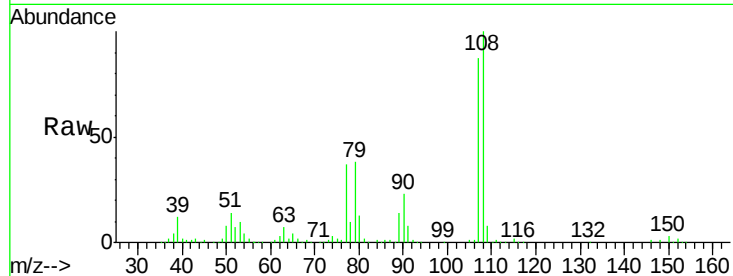




#17
2-Methylphenol
Concen: 19.53 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

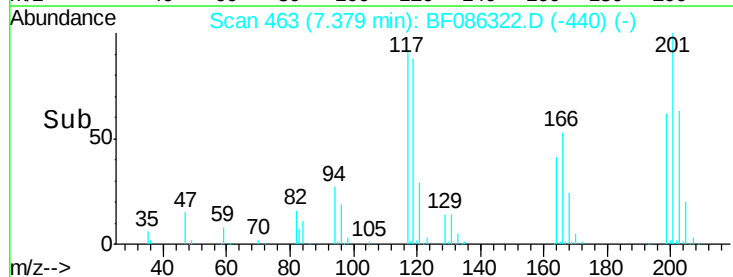
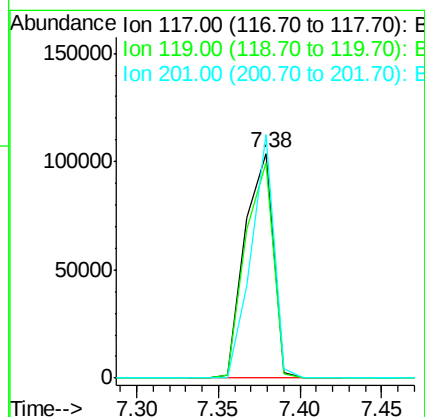
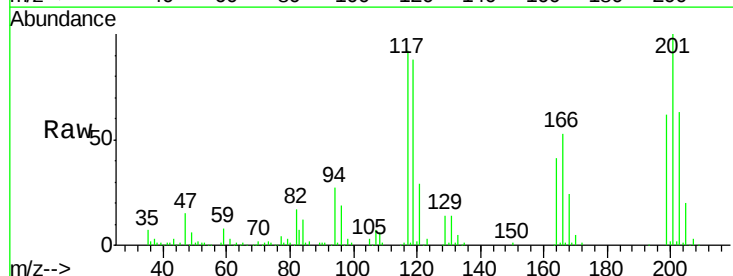
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

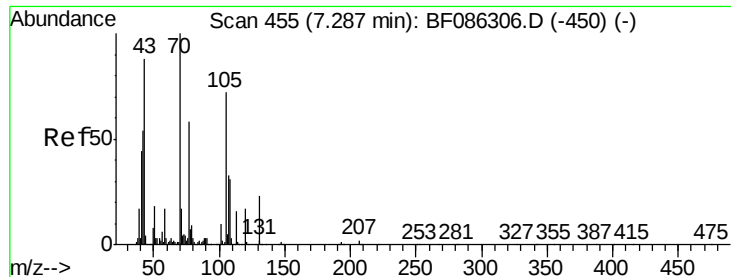
Tgt Ion:	107	Resp:	295701
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.7	139.1
77	42.8	39.6	59.4
79	43.5	37.4	56.2



#18
Hexachloroethane
Concen: 19.74 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:	117	Resp:	124949
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	108.4	75.7	113.5

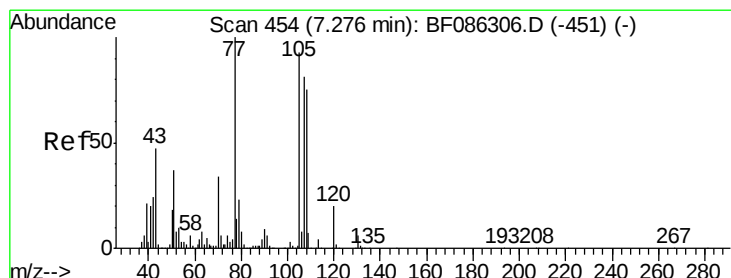
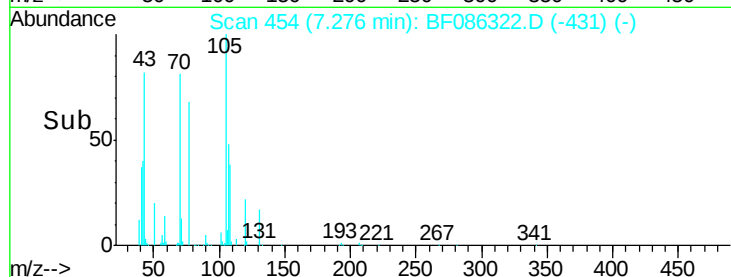
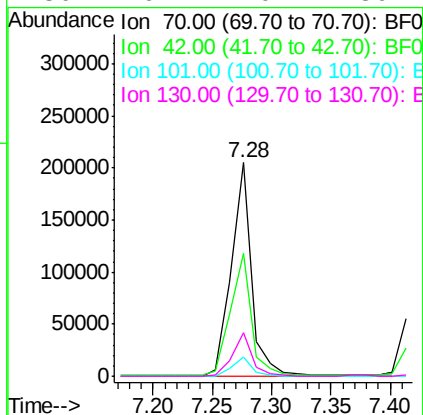
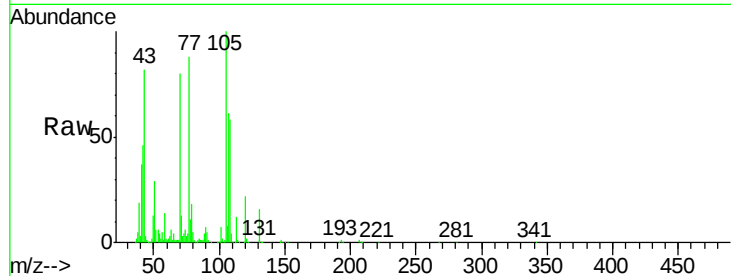




#19
n-Nitroso-di-n-propylamine
Concen: 20.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

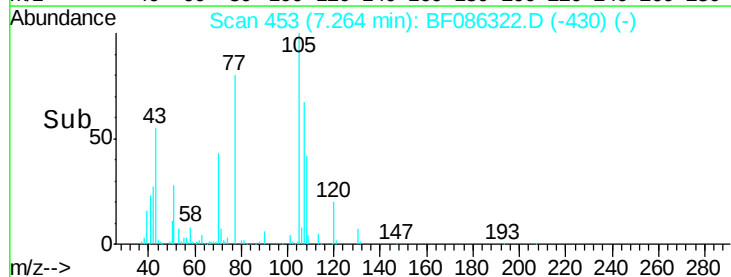
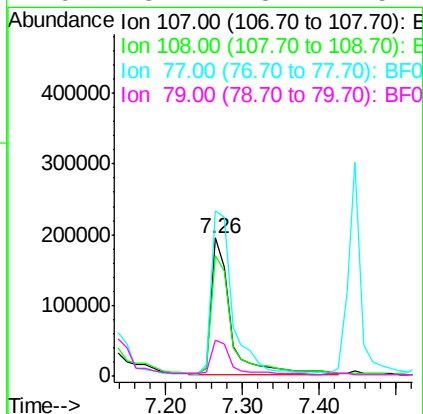
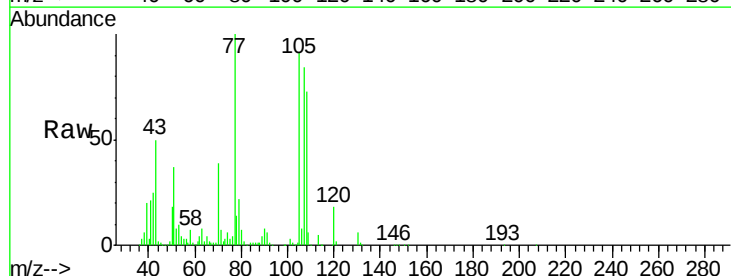
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

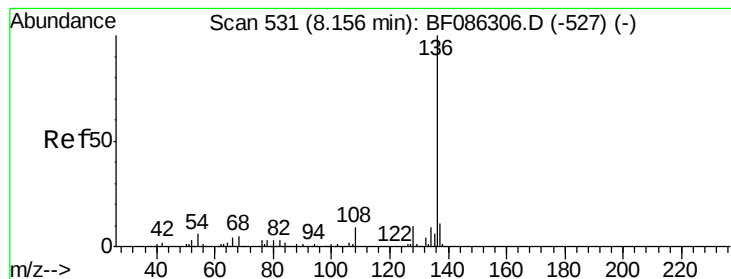
Tgt Ion:	70	Resp:	244729
Ion	Ratio	Lower	Upper
70	100		
42	57.6	43.0	64.4
101	9.1	8.1	12.1
130	20.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 20.86 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:	107	Resp:	342518
Ion	Ratio	Lower	Upper
107	100		
108	86.9	69.7	109.7
77	119.4	60.5	100.5#
79	25.7	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:136 Resp: 1095751

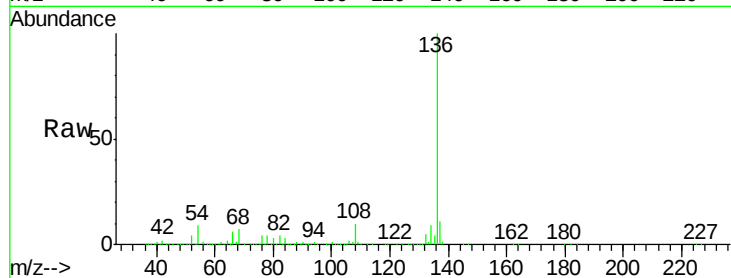
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.0 7.3 10.9

68 7.2 5.7 8.5

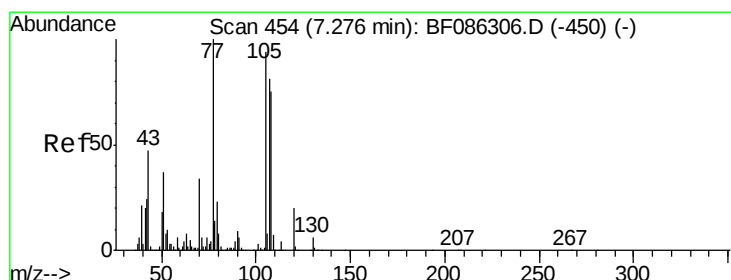
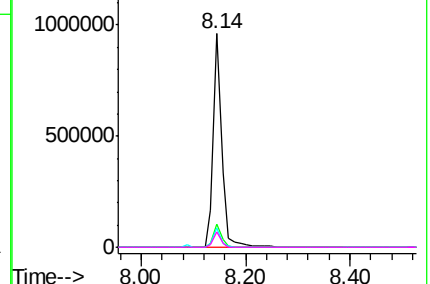
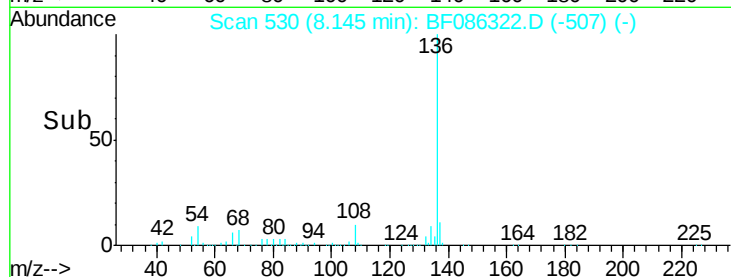


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 20.81 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:105 Resp: 479003

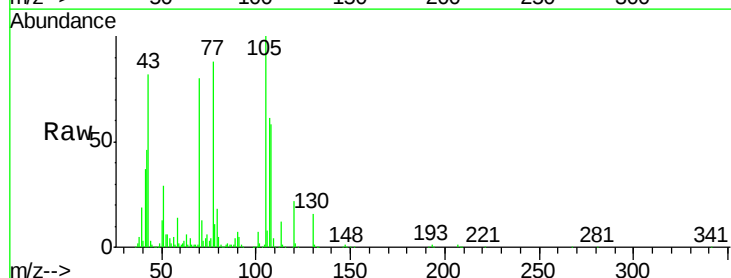
Ion Ratio Lower Upper

105 100

71 13.5 4.0 6.0#

51 28.8 22.0 33.0

120 21.7 17.5 26.3

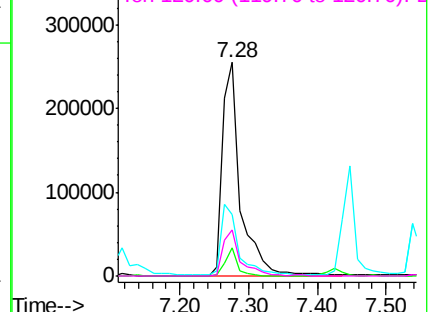
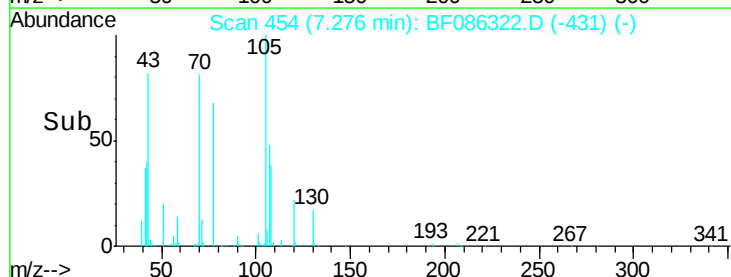


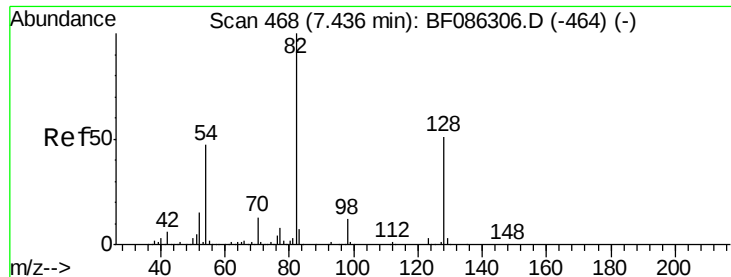
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

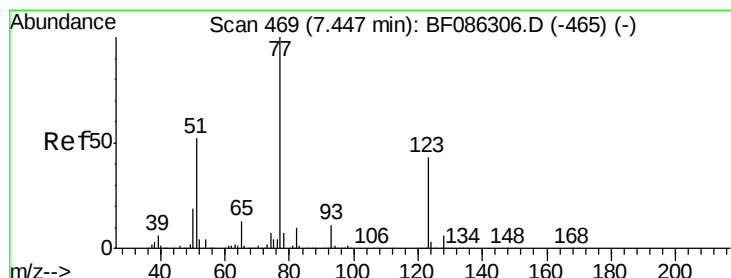
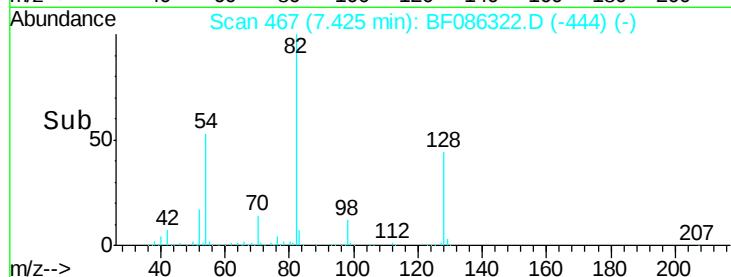
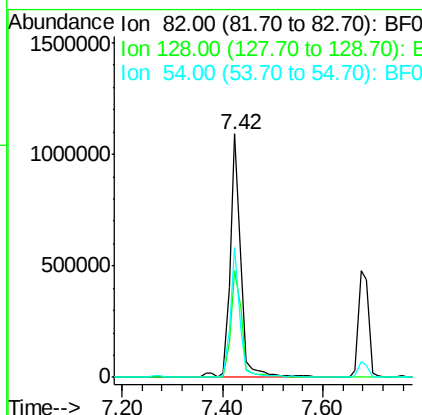
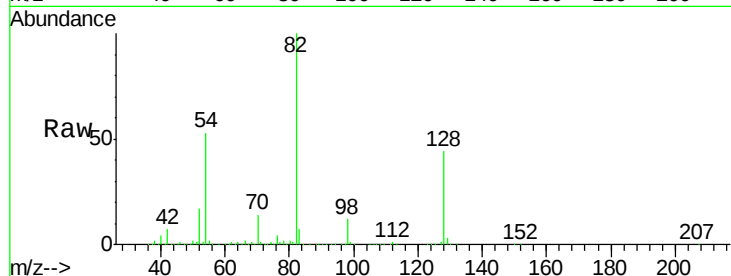




#23
 Nitrobenzene-d5
 Concen: 83.22 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

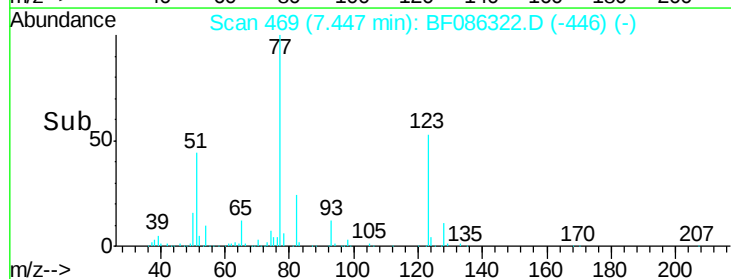
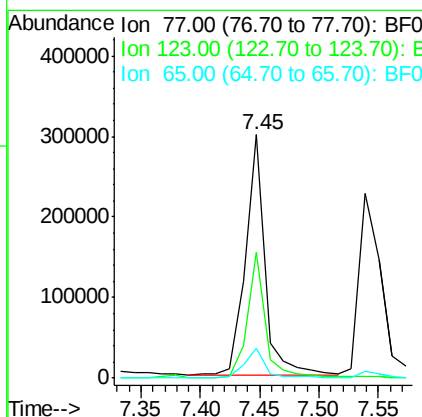
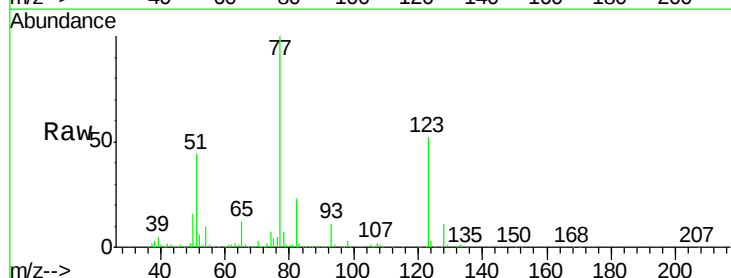
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

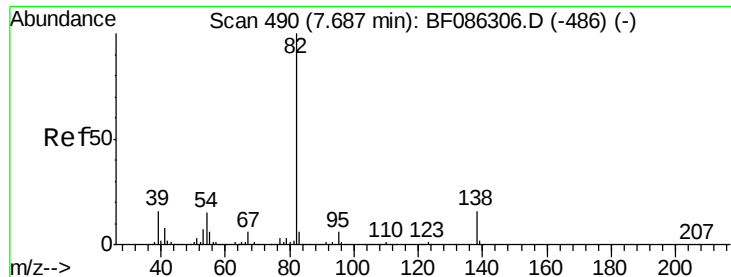
Tgt Ion: 82 Resp: 1592211
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.4 53.2
 54 53.2 43.4 65.0



#24
 Nitrobenzene
 Concen: 16.96 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion: 77 Resp: 347084
 Ion Ratio Lower Upper
 77 100
 123 51.7 38.3 57.5
 65 12.2 11.3 16.9





#25

Isophorone

Concen: 18.21 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

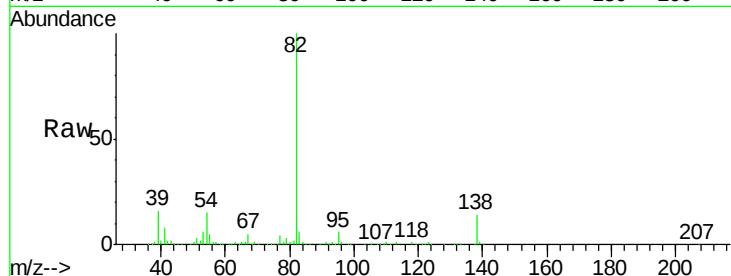
Tgt Ion: 82 Resp: 660249

Ion Ratio Lower Upper

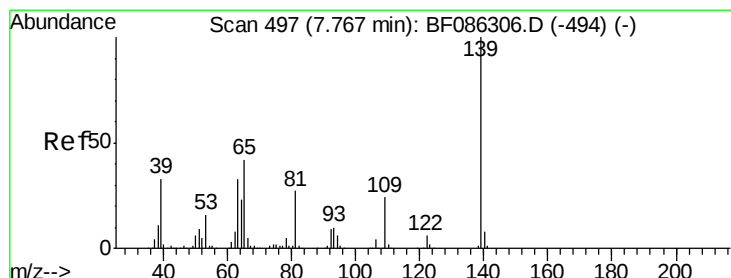
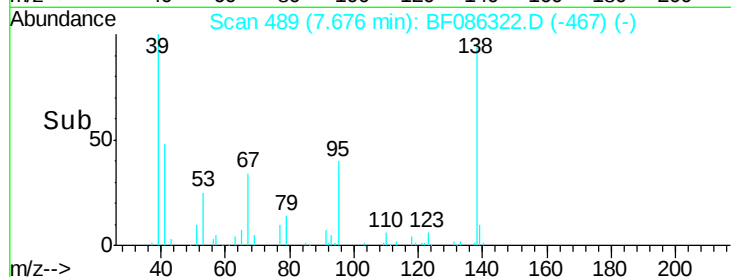
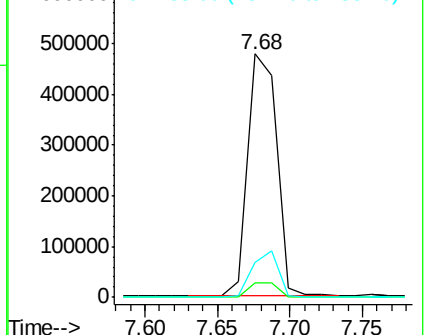
82 100

95 5.9 5.4 8.2

138 14.2 13.4 20.2



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: 18.93 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

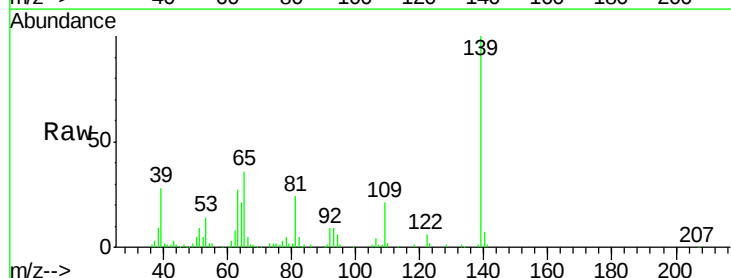
Tgt Ion: 139 Resp: 173281

Ion Ratio Lower Upper

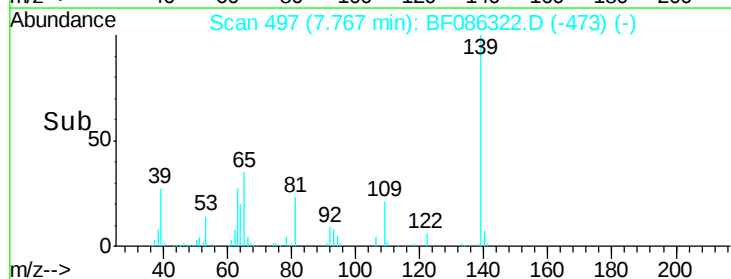
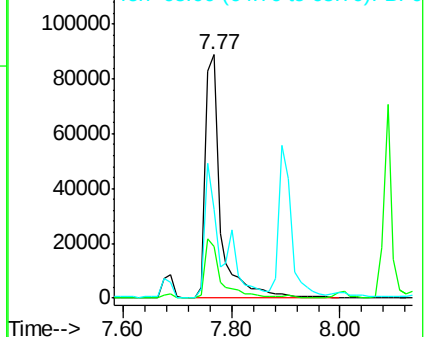
139 100

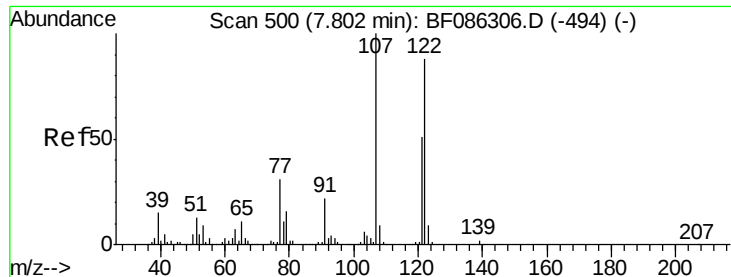
109 21.2 25.8 38.8#

65 36.4 50.2 75.2#



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

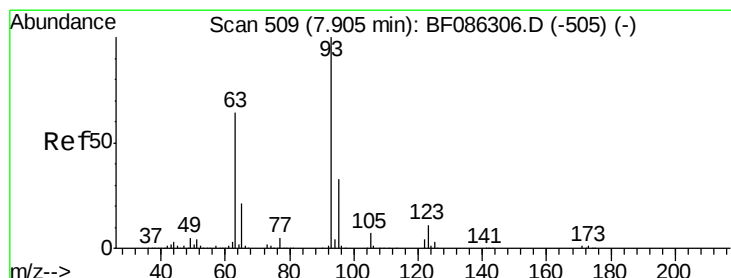
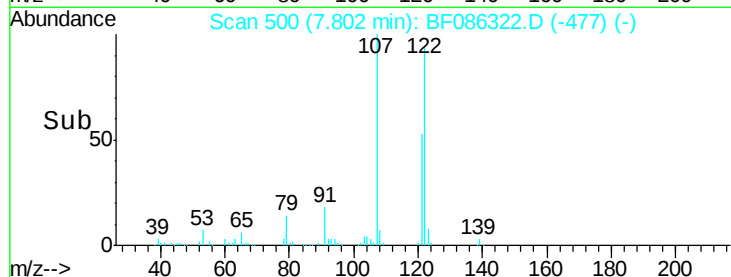
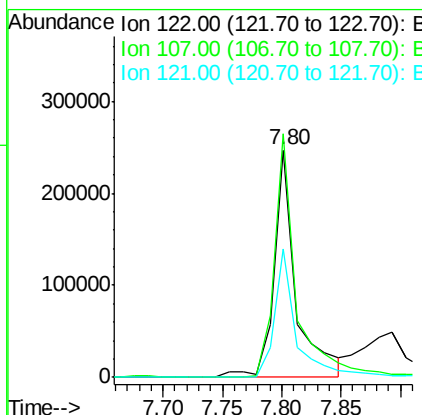
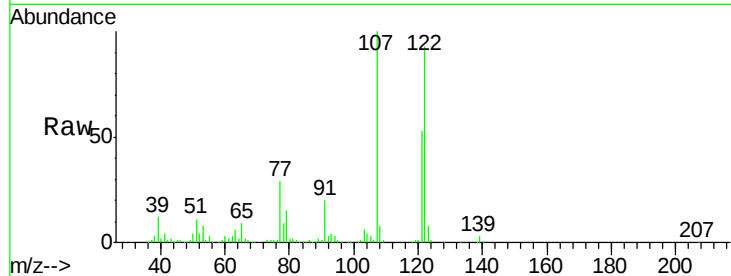




#27
 2,4-Dimethylphenol
 Concen: 17.67 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

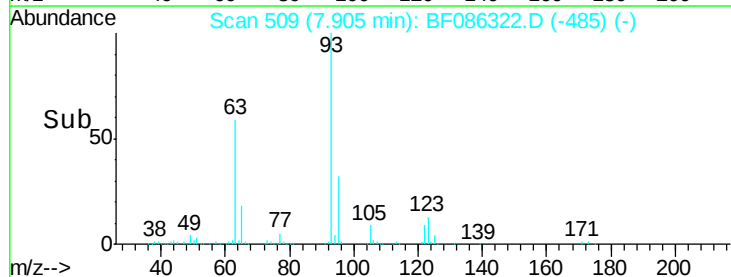
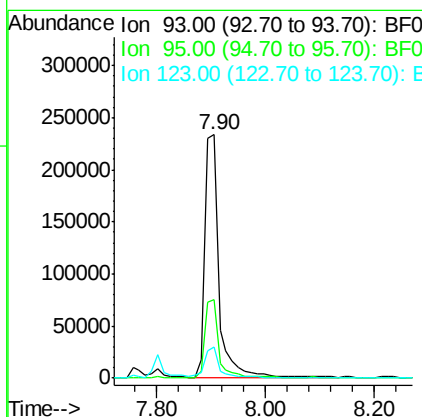
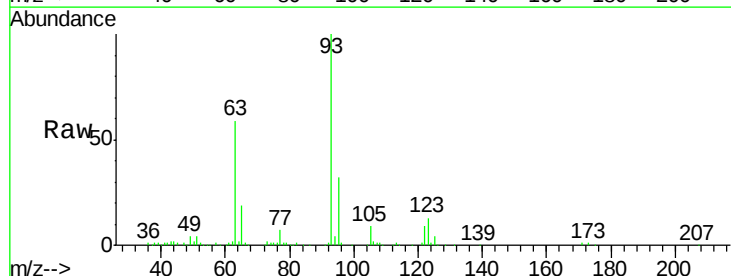
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

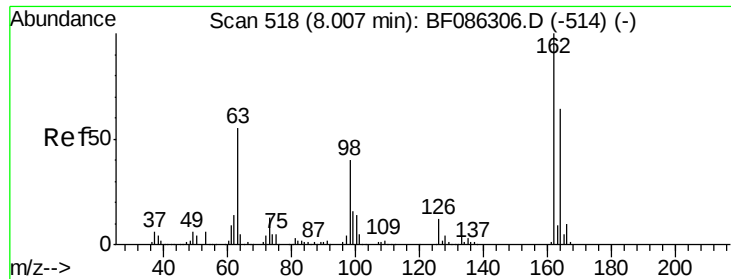
Tgt Ion:122 Resp: 317211
 Ion Ratio Lower Upper
 122 100
 107 107.1 85.8 128.6
 121 56.4 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.66 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion: 93 Resp: 416880
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 12.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 19.83 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

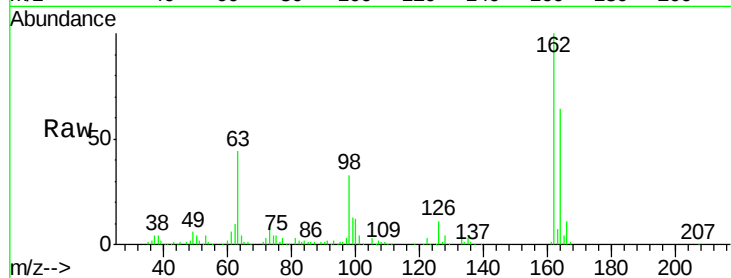
Tgt Ion:162 Resp: 280828

Ion Ratio Lower Upper

162 100

164 64.5 43.3 83.3

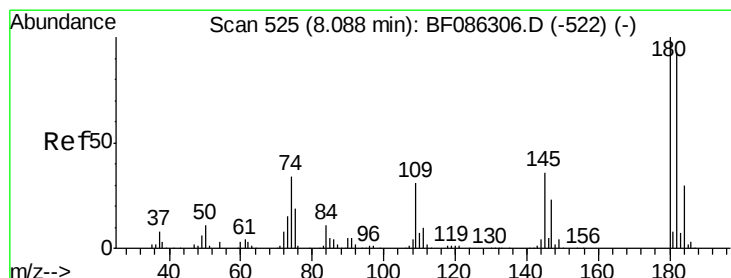
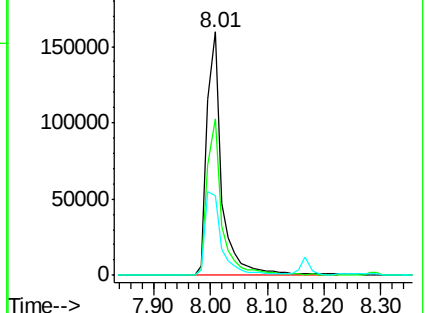
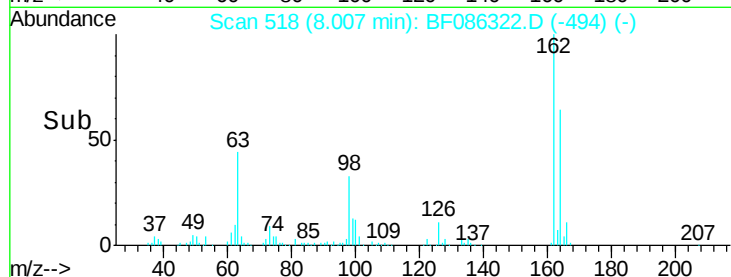
98 33.0 22.9 62.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 19.25 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

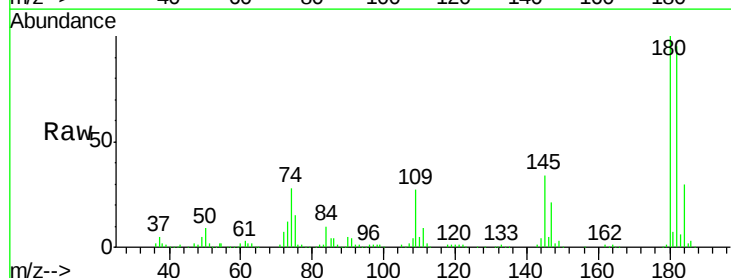
Tgt Ion:180 Resp: 294117

Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

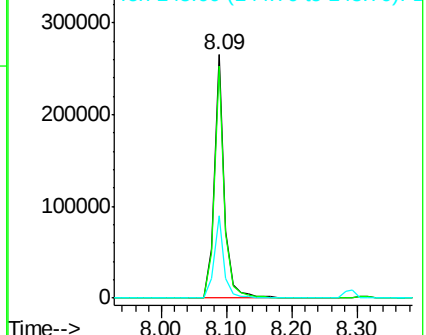
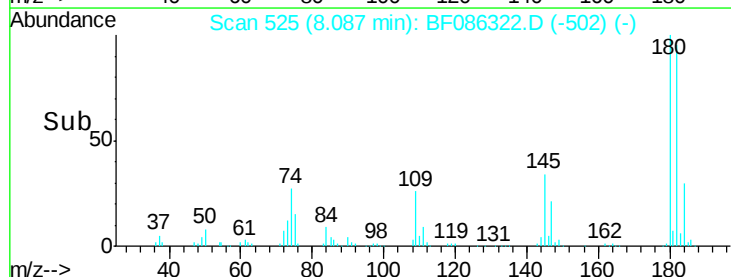
145 33.9 27.4 41.2

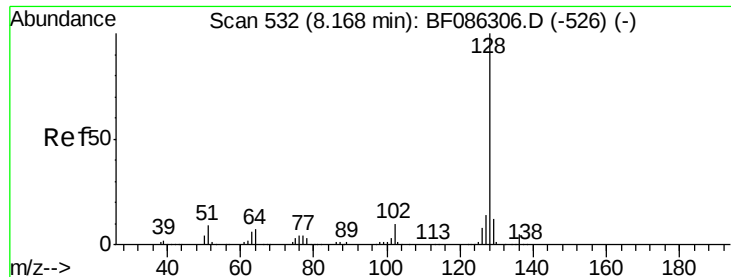


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

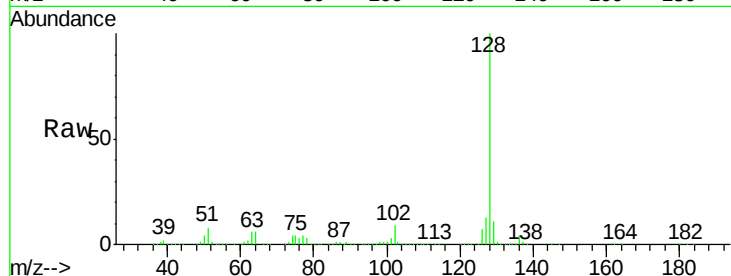




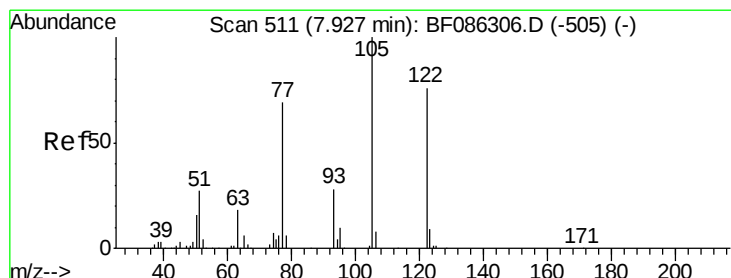
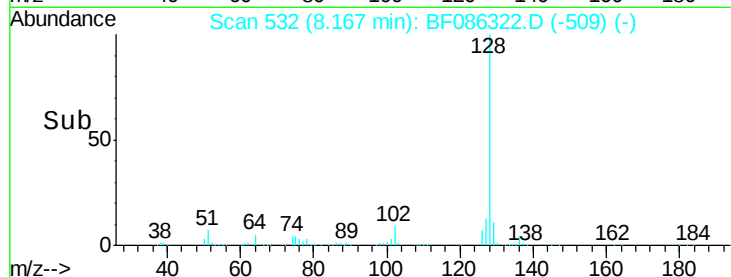
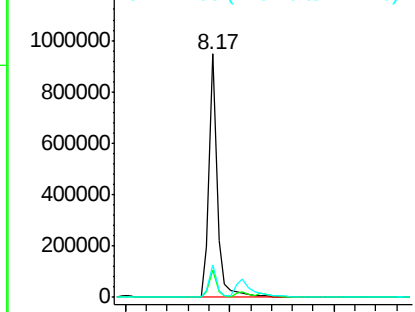
#31
Naphthalene
Concen: 20.15 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:128 Resp: 1052380
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.3 11.4 17.2

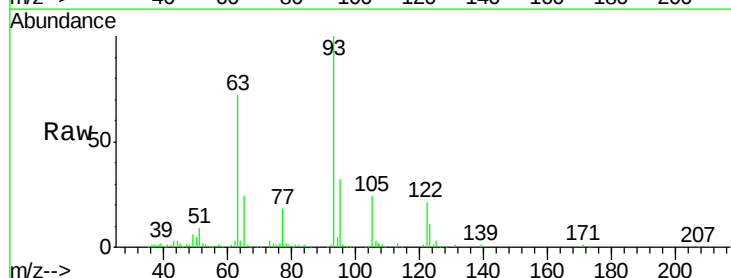


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

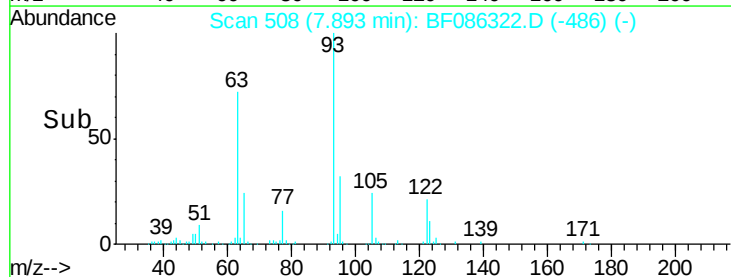
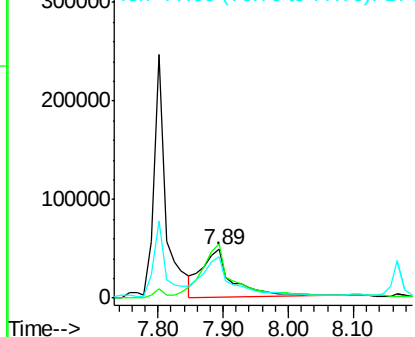


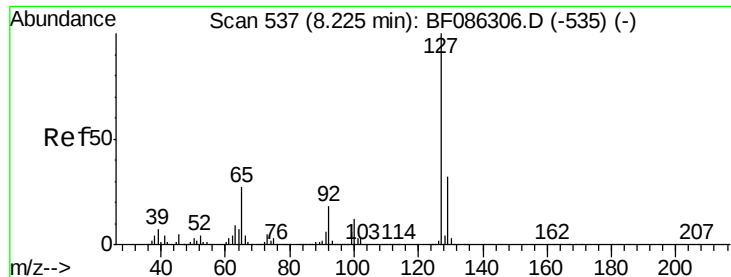
#32
Benzoic acid
Concen: 14.63 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:122 Resp: 156164
Ion Ratio Lower Upper
122 100
105 111.6 103.7 143.7
77 85.2 74.9 114.9



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

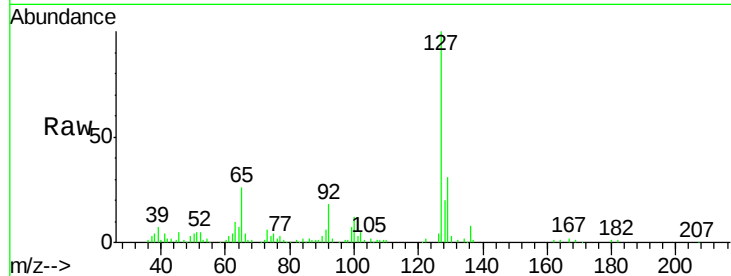




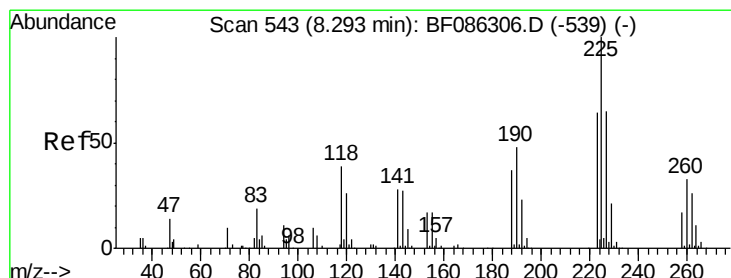
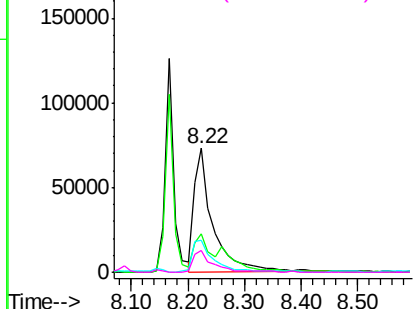
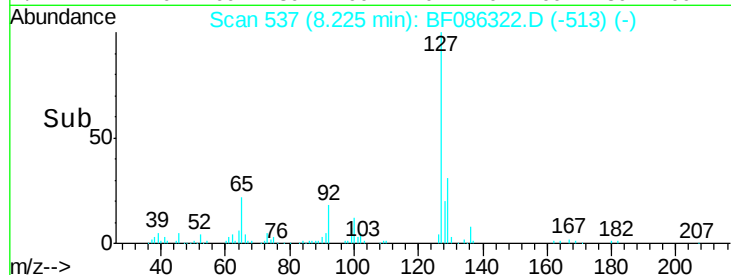
#33
4-Chloroaniline
Concen: 7.61 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	127	Resp:	164486
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.8	40.2
65	25.8	27.1	40.7#
92	17.7	16.2	24.2

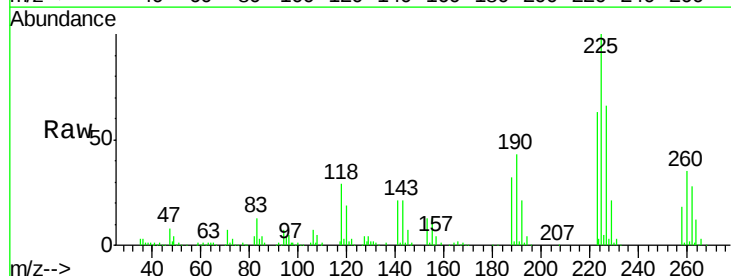


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

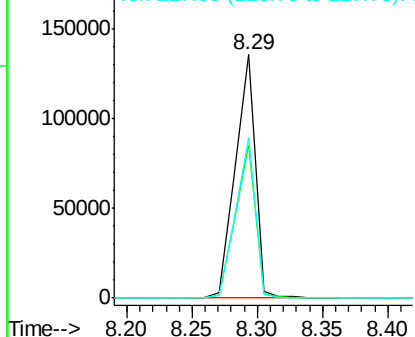
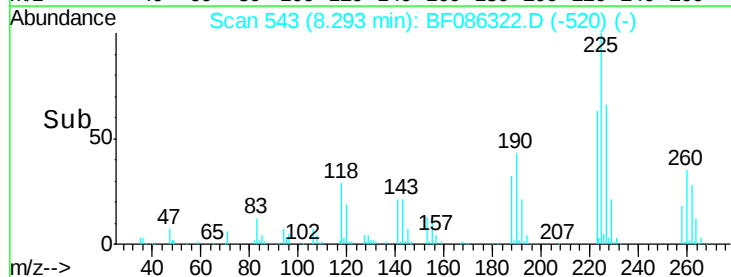


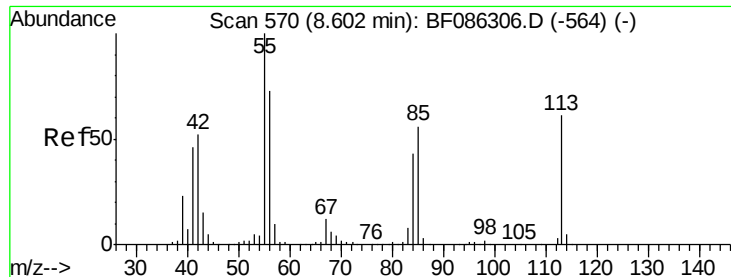
#34
Hexachlorobutadiene
Concen: 18.56 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:	225	Resp:	142886
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	66.0	51.1	76.7



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: 18.58 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.06 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

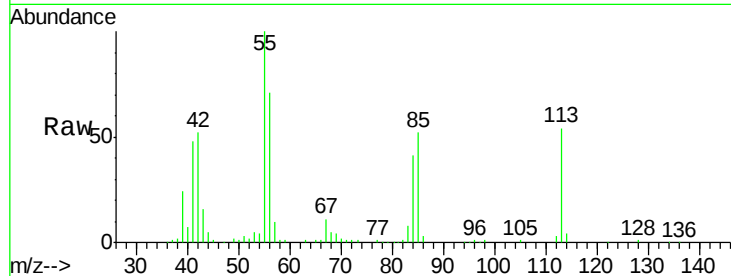
Tgt Ion:113 Resp: 85218

Ion Ratio Lower Upper

113 100

55 186.9 117.5 157.5#

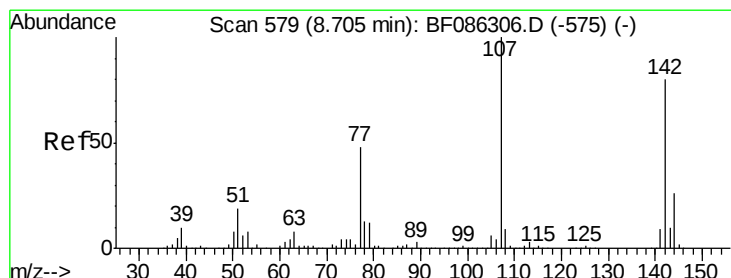
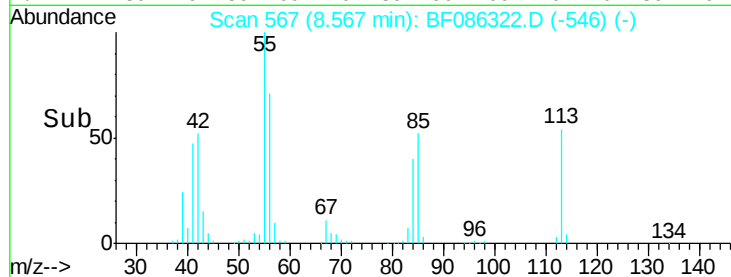
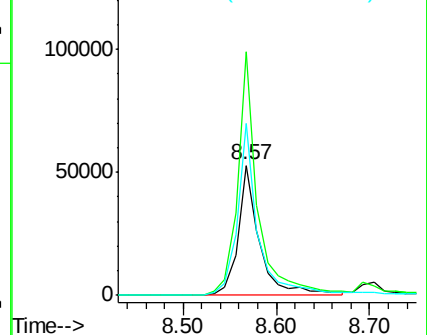
56 131.8 82.5 122.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 19.38 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

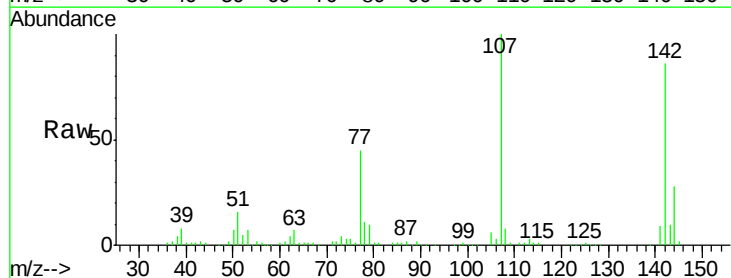
Tgt Ion:107 Resp: 308545

Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

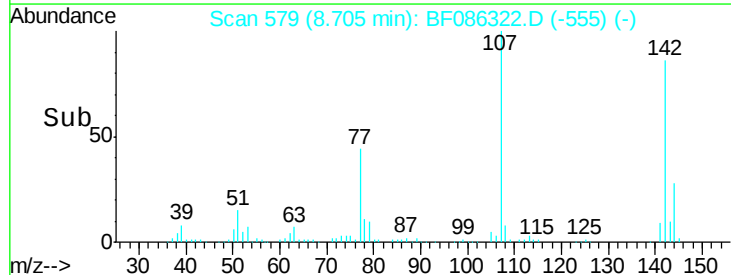
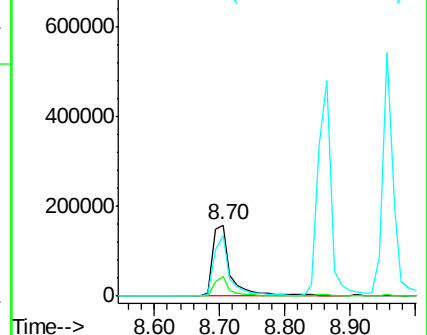
142 85.6 64.5 96.7

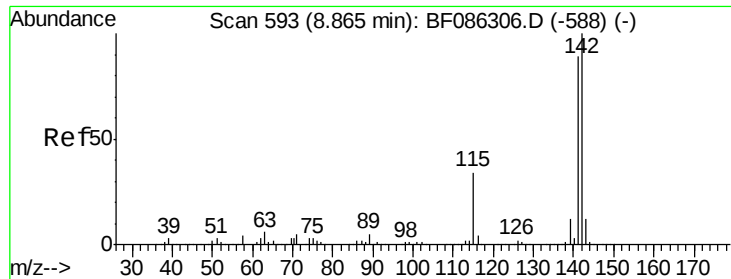


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

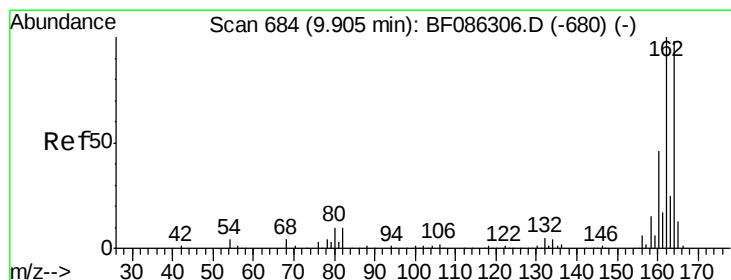
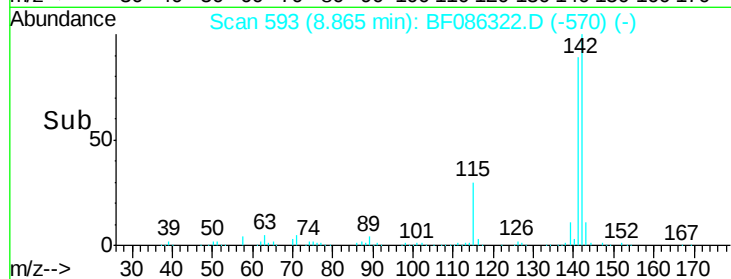
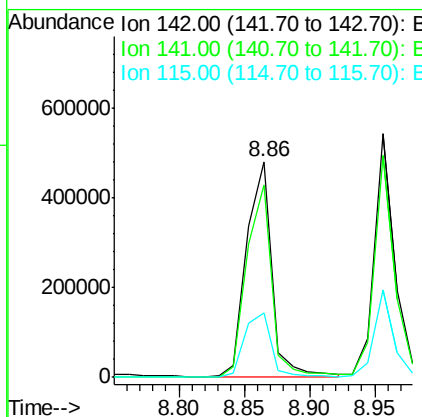
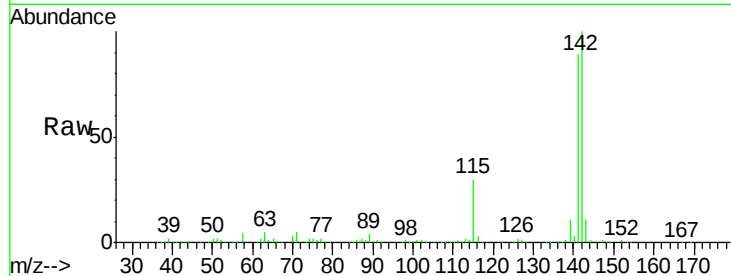




#37
 2-Methylnaphthalene
 Concen: 20.20 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

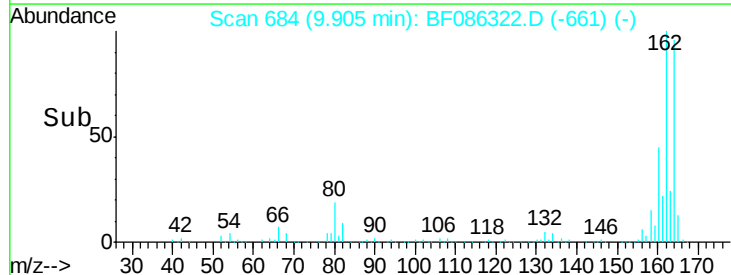
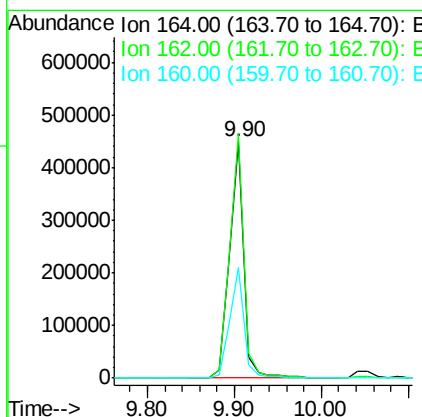
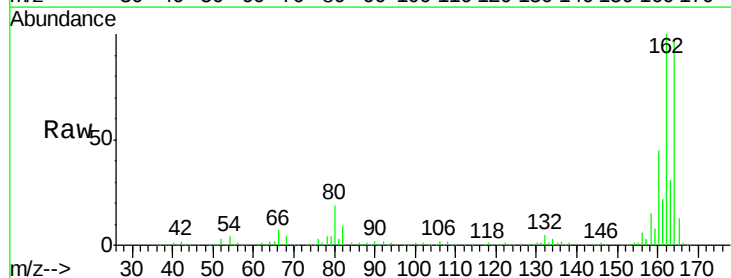
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

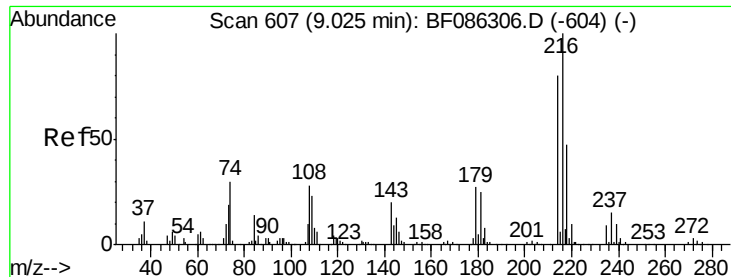
Tgt Ion:142 Resp: 651515
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.1 106.7
 115 29.8 25.1 37.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:164 Resp: 507028
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 46.7 38.9 58.3

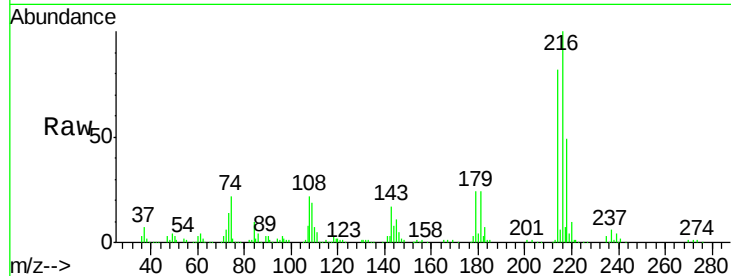




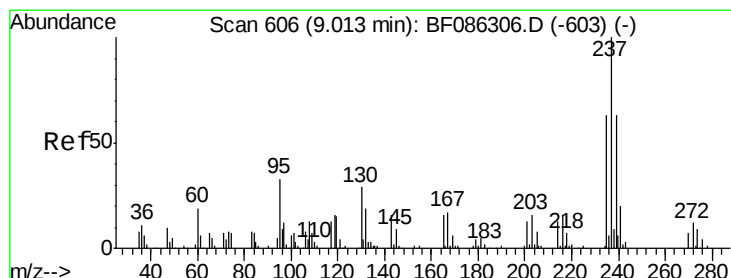
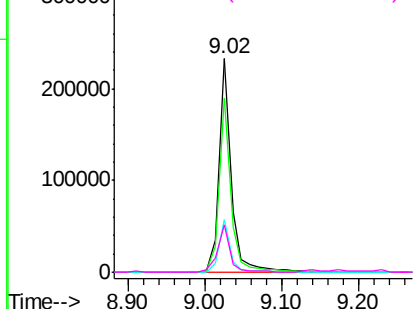
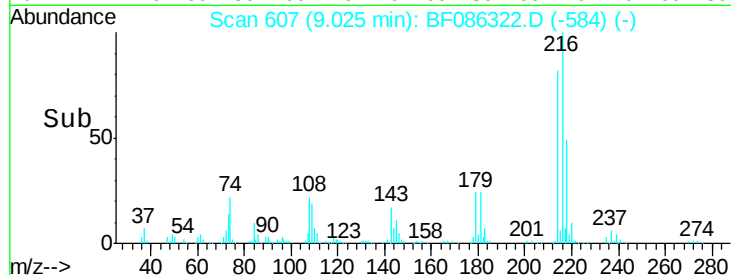
#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.09 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	216	Resp:	257636
Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.9	97.3
179	23.0	19.8	29.6
108	22.6	21.0	31.4

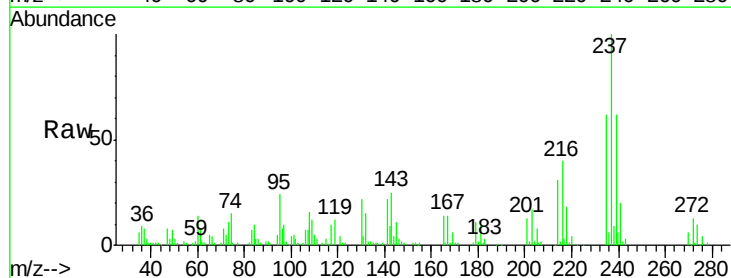


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

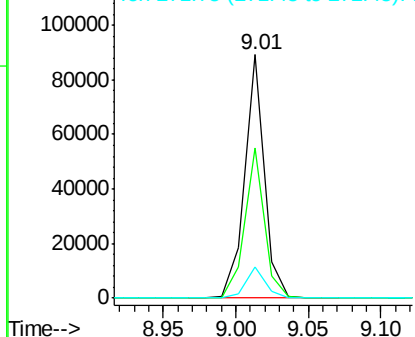
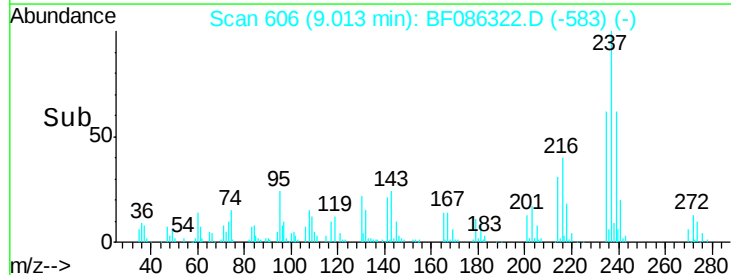


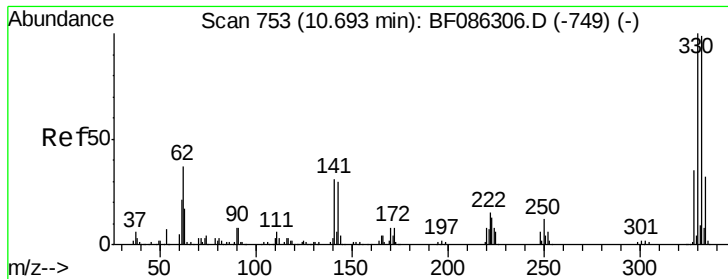
#40
Hexachlorocyclopentadiene
Concen: 26.60 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:	237	Resp:	83821
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.0	84.0
272	12.6	0.0	32.4



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

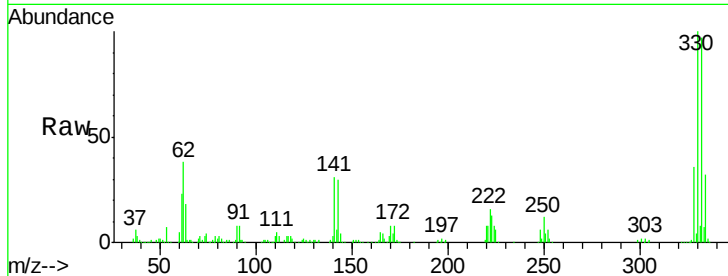




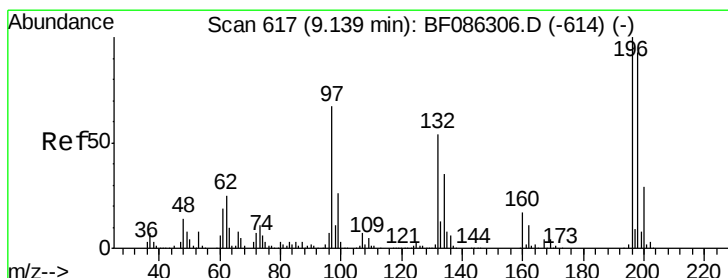
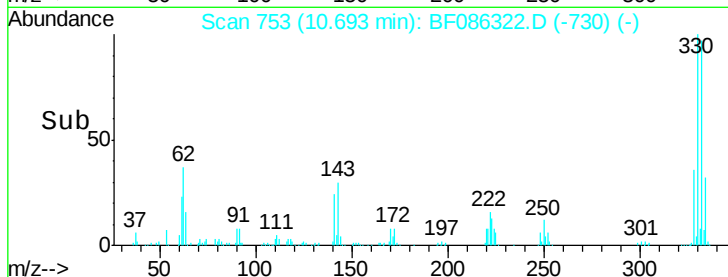
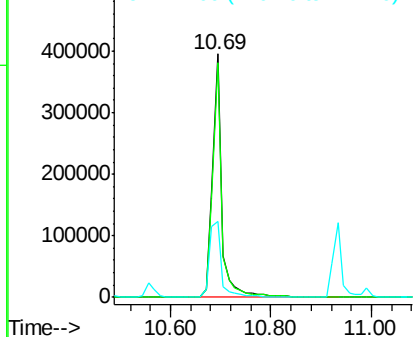
#41
 2,4,6-Tribromophenol
 Concen: 129.78 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:330 Resp: 512896
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.7 118.1
 141 40.7 28.6 42.8

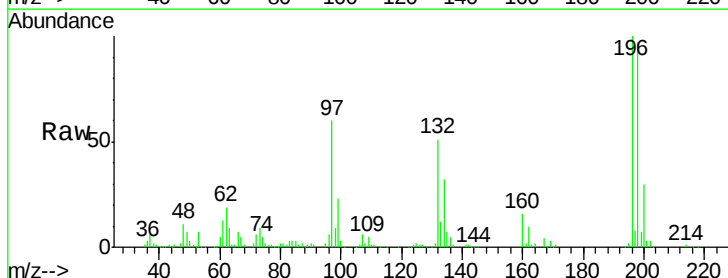


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

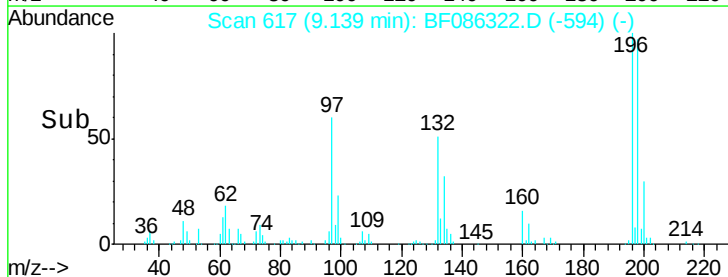
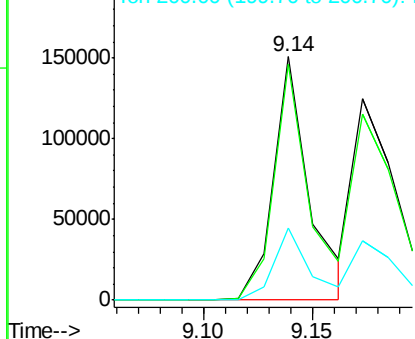


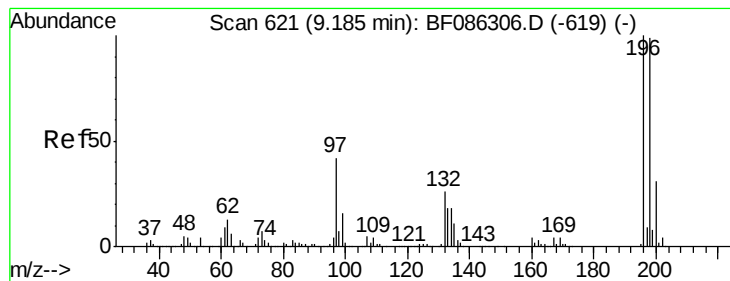
#42
 2,4,6-Trichlorophenol
 Concen: 18.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:196 Resp: 173998
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 29.8 25.3 37.9



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

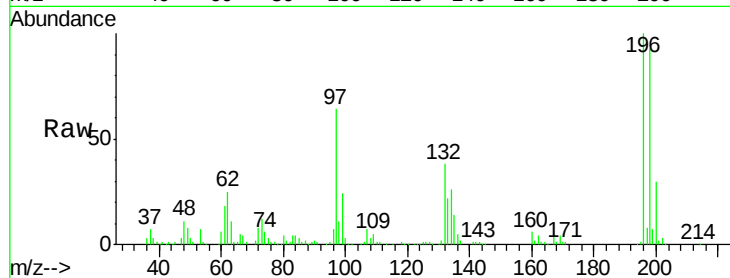




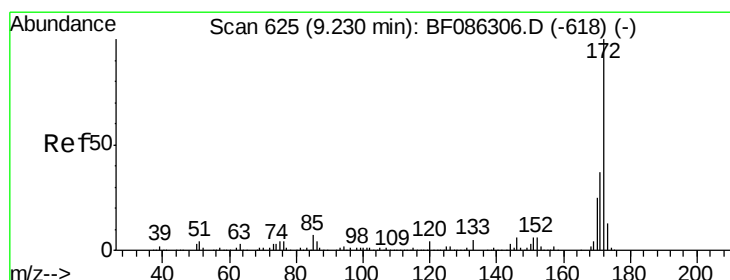
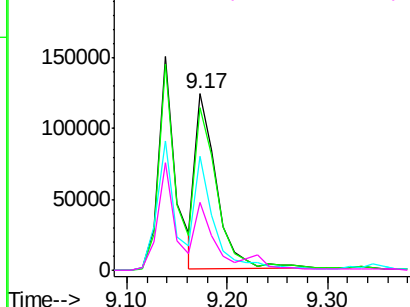
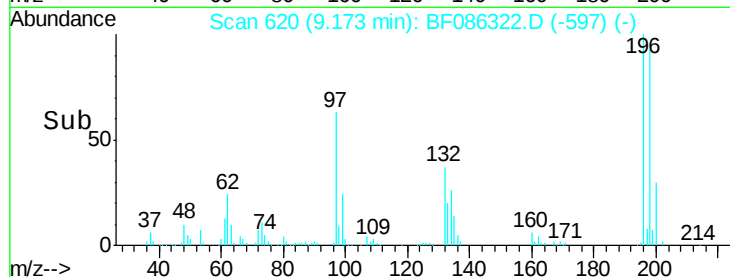
#43
 2,4,5-Trichlorophenol
 Concen: 18.08 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 184394
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.7 116.5
 97 64.4 32.6 48.8#
 132 38.2 21.4 32.0#

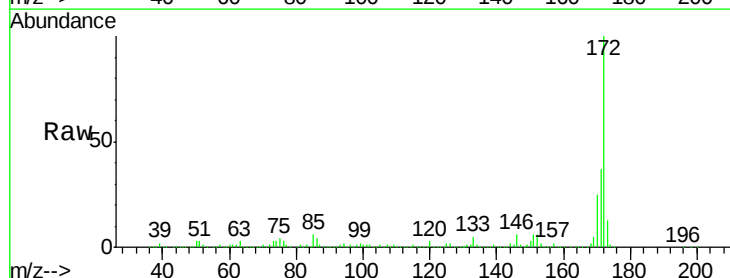


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

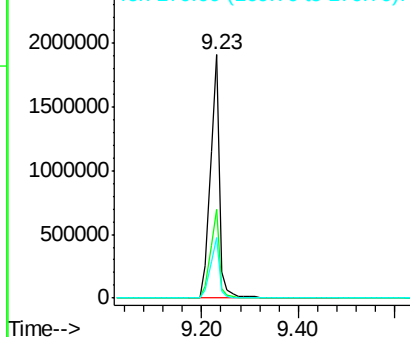
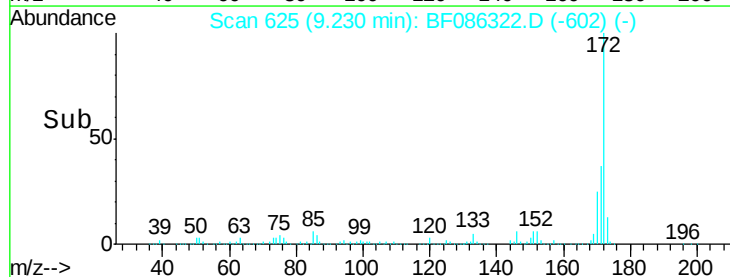


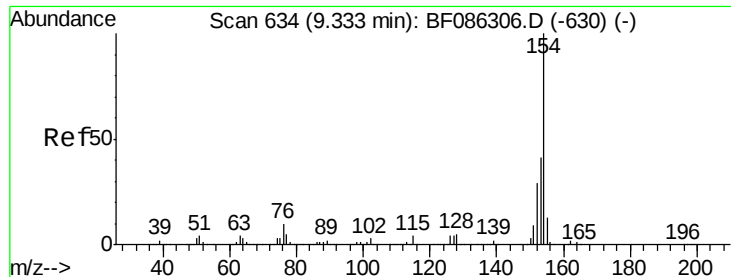
#44
 2-Fluorobiphenyl
 Concen: 100.90 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:172 Resp: 2569882
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.7 19.9 29.9



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

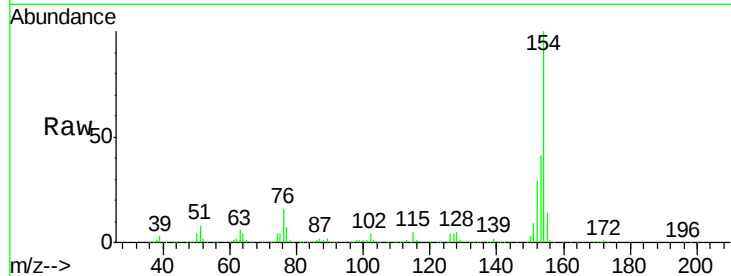




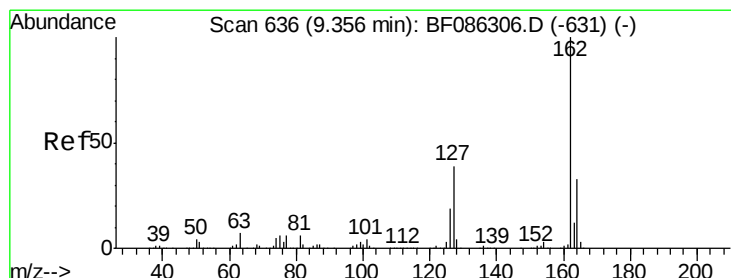
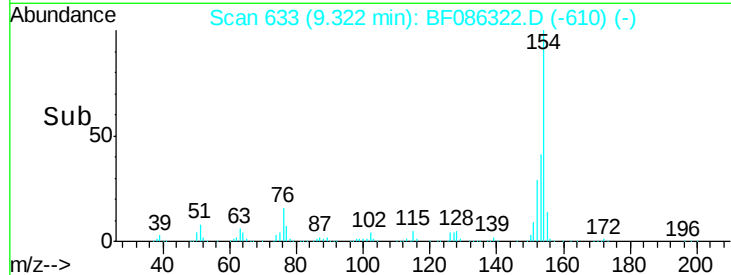
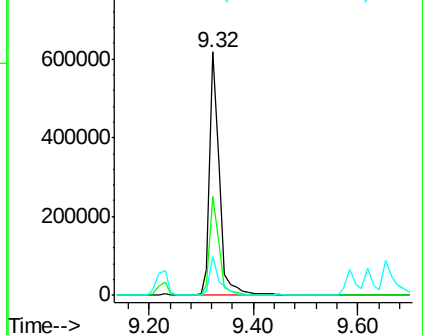
#45
 1,1'-Biphenyl
 Concen: 19.92 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:154 Resp: 793145
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 15.8 0.0 36.4

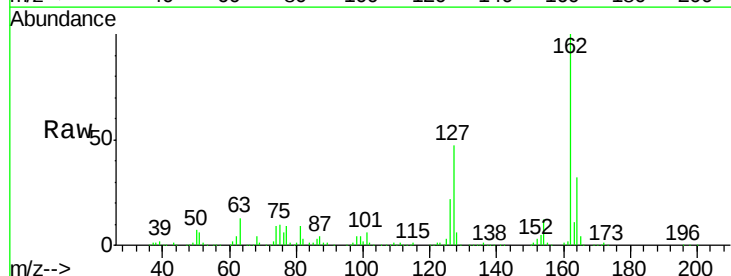


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

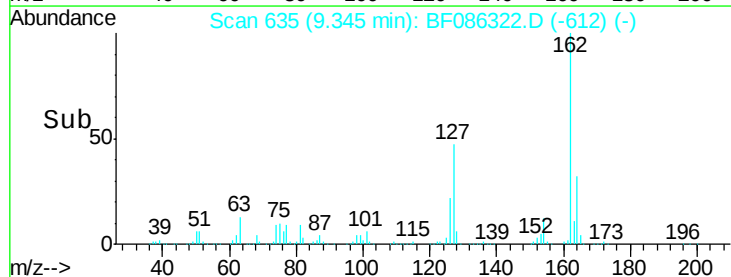
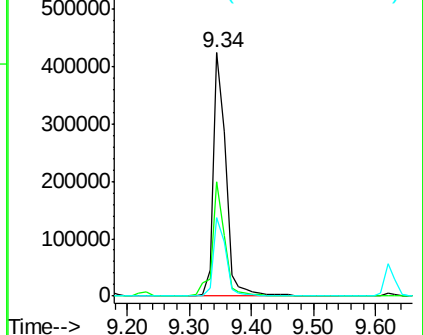


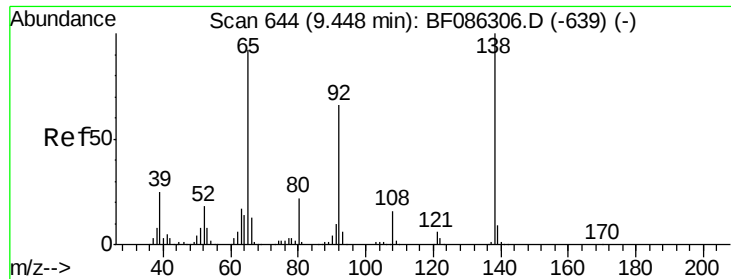
#46
 2-Chloronaphthalene
 Concen: 19.39 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:162 Resp: 585148
 Ion Ratio Lower Upper
 162 100
 127 46.8 36.7 55.1
 164 32.1 26.4 39.6



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





#47

2-Nitroaniline

Concen: 18.49 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

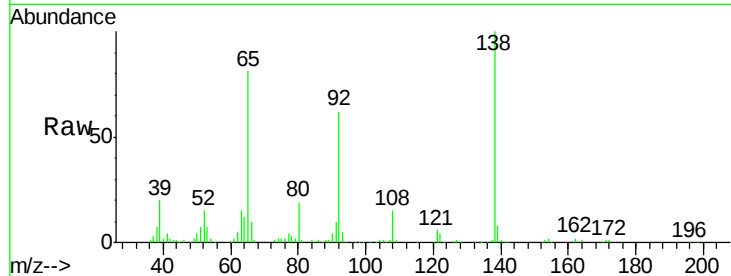
Tgt Ion: 65 Resp: 189636

Ion Ratio Lower Upper

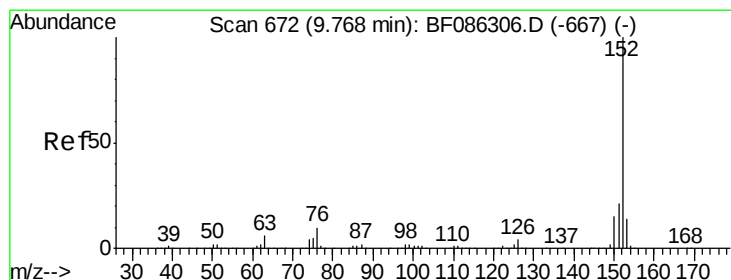
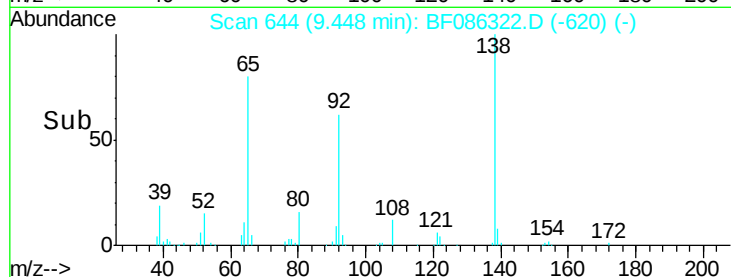
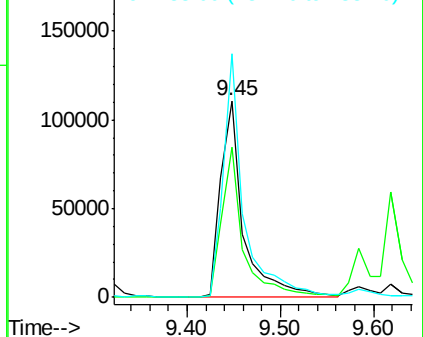
65 100

92 76.5 51.9 77.9

138 124.0 72.6 108.8#



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



#48

Acenaphthylene

Concen: 20.06 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.04 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

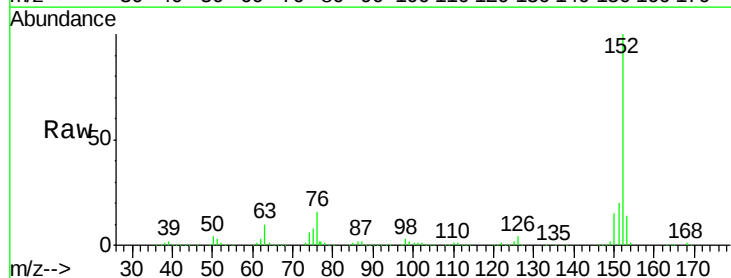
Tgt Ion: 152 Resp: 945005

Ion Ratio Lower Upper

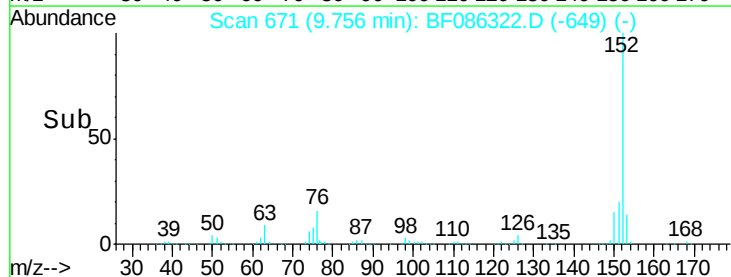
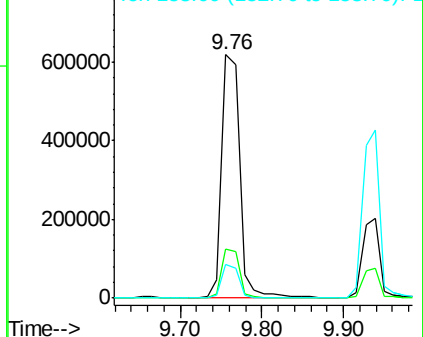
152 100

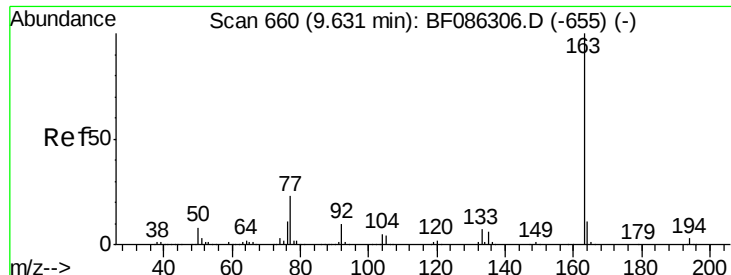
151 20.1 17.2 25.8

153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

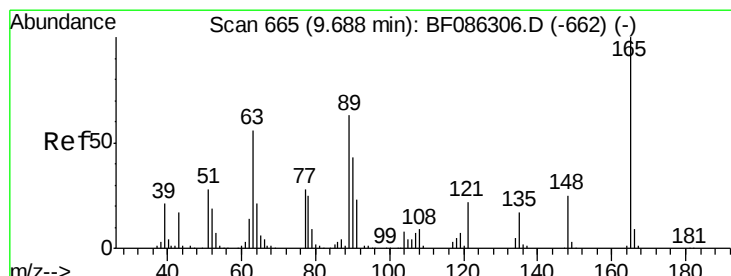
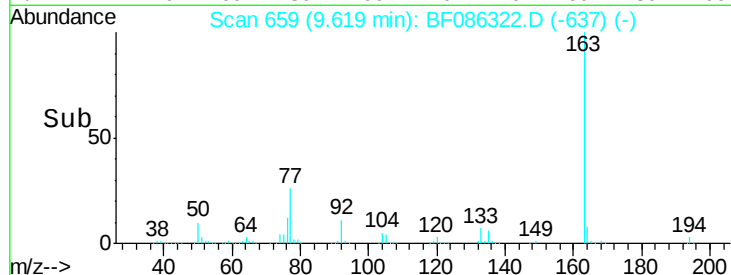
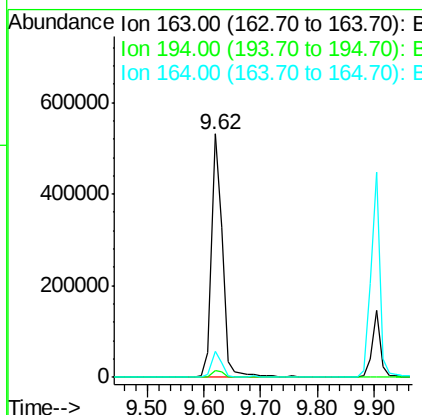
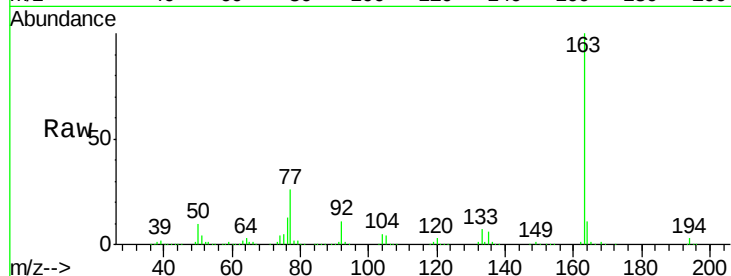




#49
Dimethylphthalate
Concen: 17.97 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

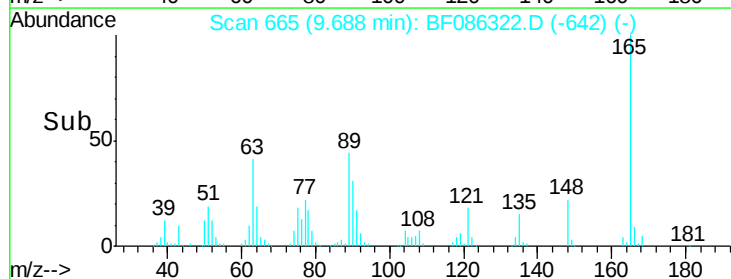
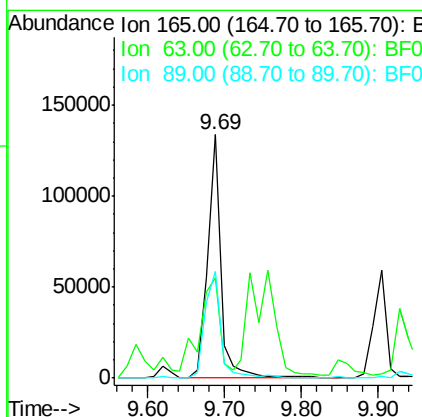
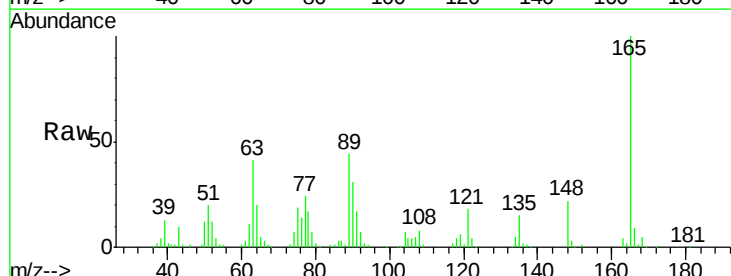
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

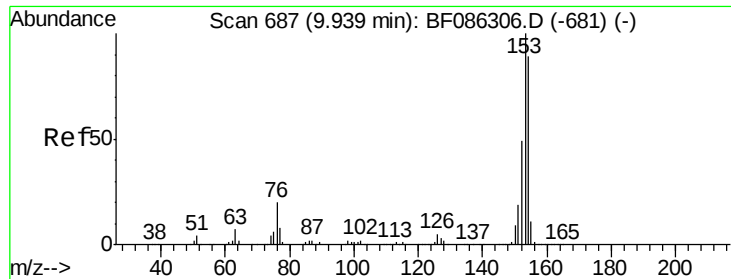
Tgt Ion:163 Resp: 693786
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 20.12 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:165 Resp: 159809
Ion Ratio Lower Upper
165 100
63 41.4 35.1 52.7
89 43.7 39.8 59.6

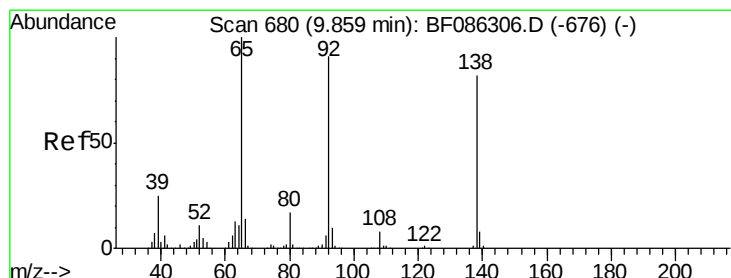
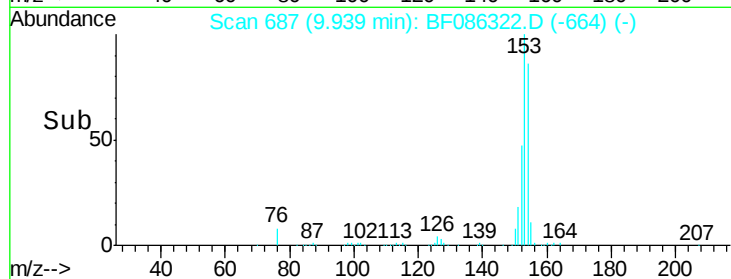
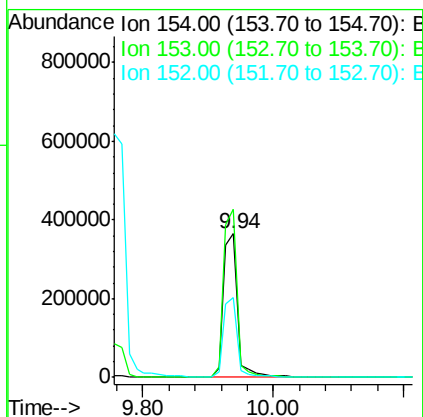
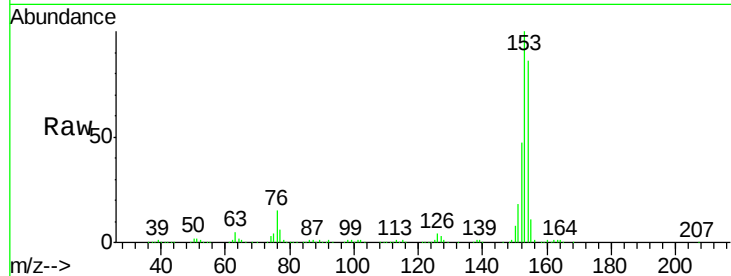




#51
Acenaphthene
Concen: 20.39 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

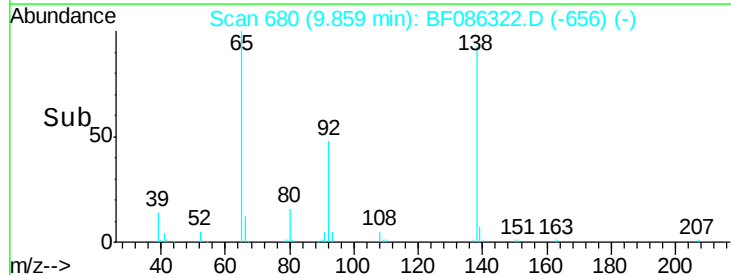
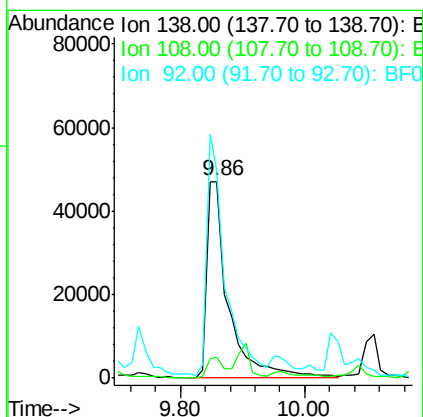
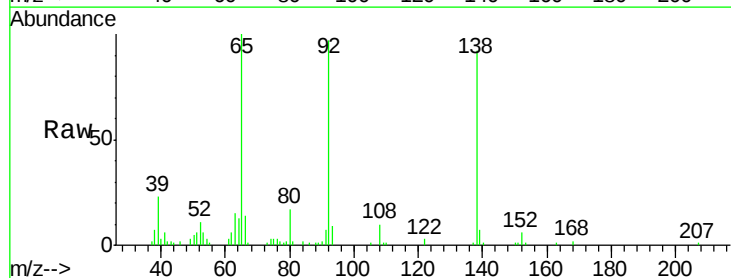
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

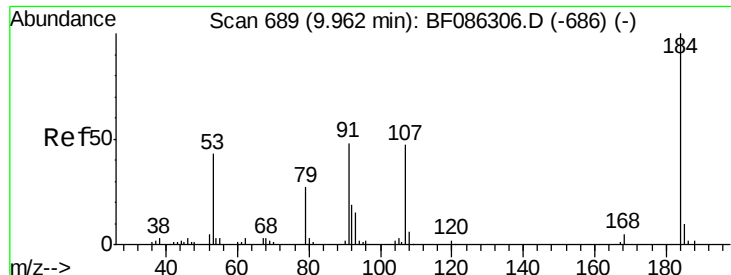
Tgt Ion:154 Resp: 563709
Ion Ratio Lower Upper
154 100
153 116.7 90.0 135.0
152 55.3 44.3 66.5



#52
3-Nitroaniline
Concen: 11.20 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:138 Resp: 113121
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 105.4 99.3 148.9

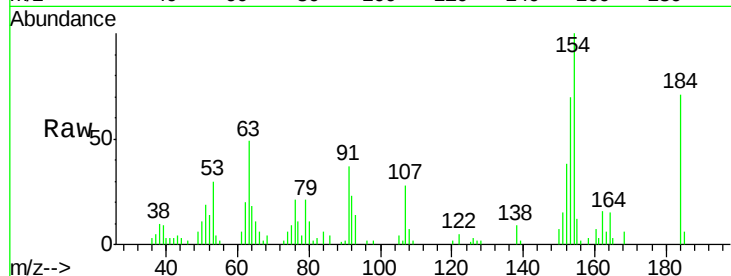




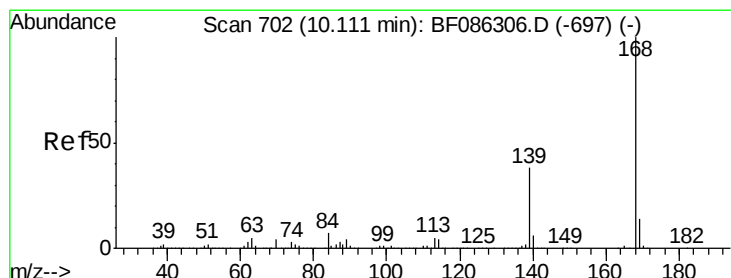
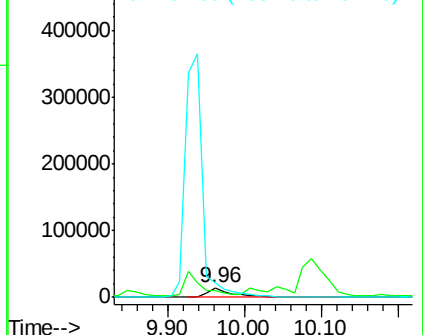
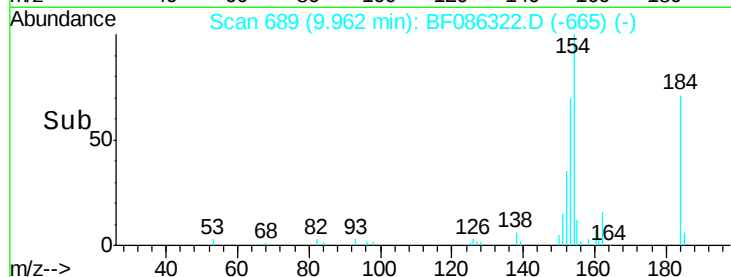
#53
2,4-Dinitrophenol
Concen: 24.59 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:184 Resp: 32459
Ion Ratio Lower Upper
184 100
63 68.5 64.7 97.1
154 140.5 59.4 89.2#

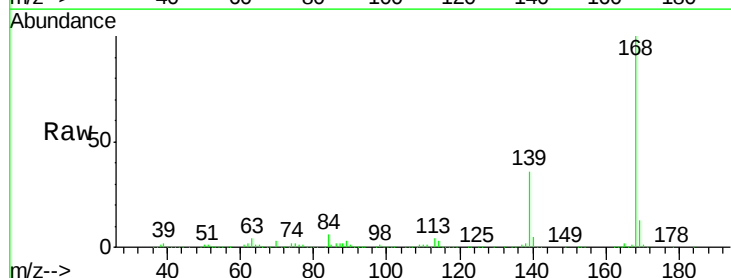


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

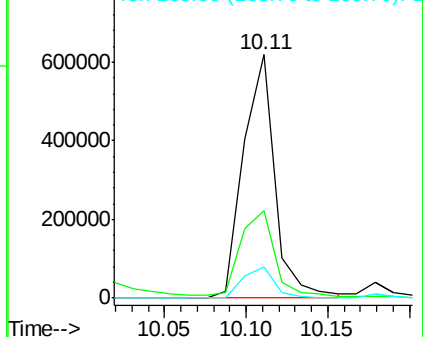
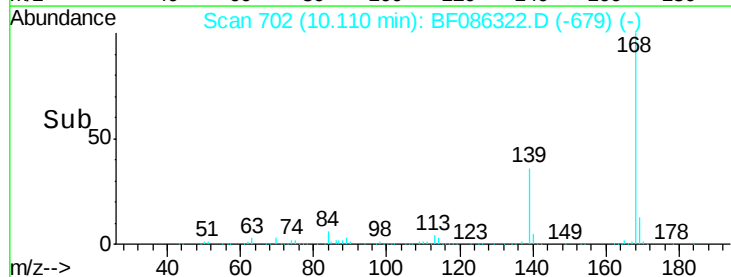


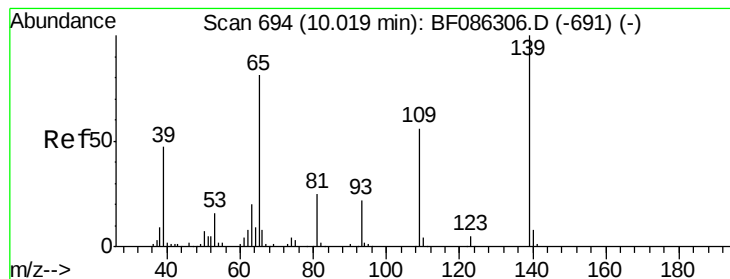
#54
Dibenzofuran
Concen: 21.95 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:168 Resp: 824898
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 17.41 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

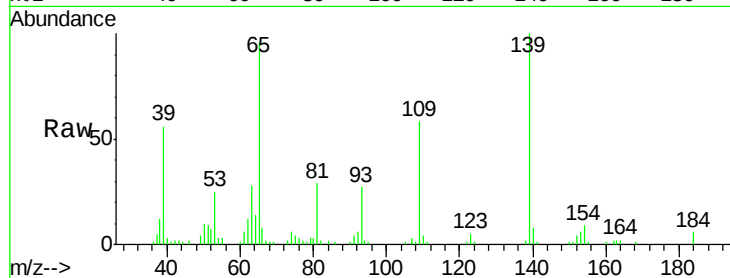
Tgt Ion:139 Resp: 109041

Ion Ratio Lower Upper

139 100

109 58.3 55.0 95.0

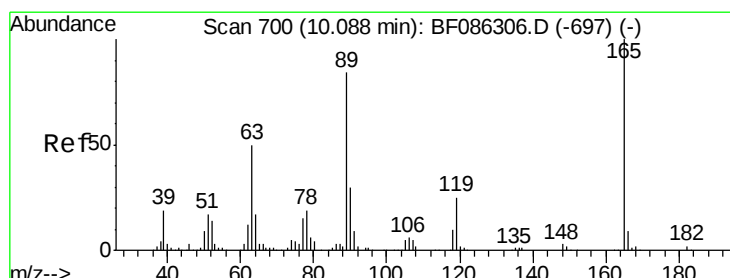
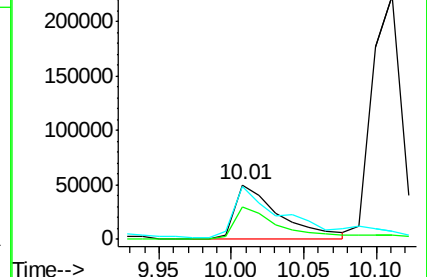
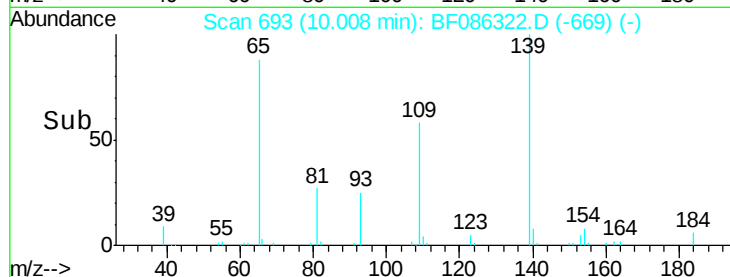
65 96.1 87.3 127.3



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: 20.69 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:165 Resp: 204309

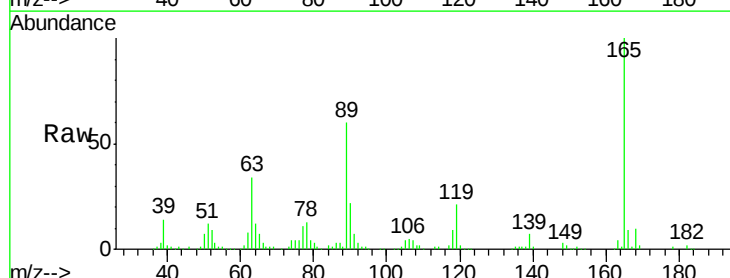
Ion Ratio Lower Upper

165 100

63 34.4 26.6 40.0

89 60.5 49.5 74.3

182 2.3 1.9 2.9

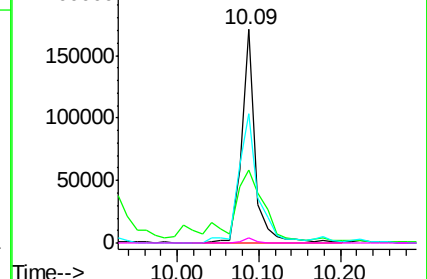
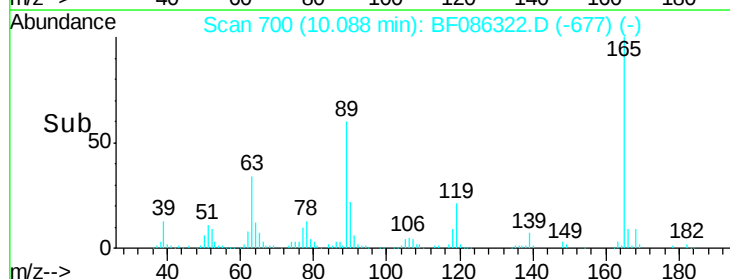


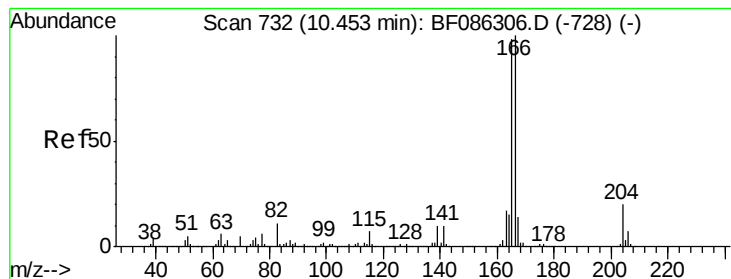
Abundance Ion 165.00 (164.70 to 165.70): E

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: 21.59 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

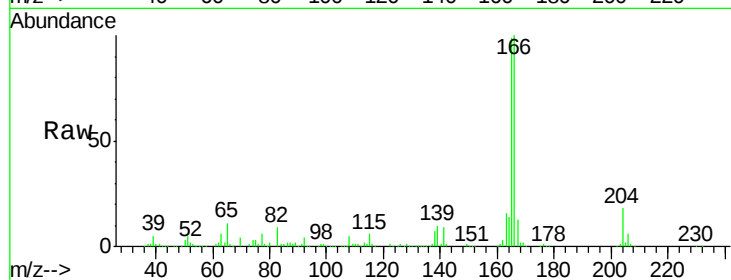
Tgt Ion:166 Resp: 601207

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

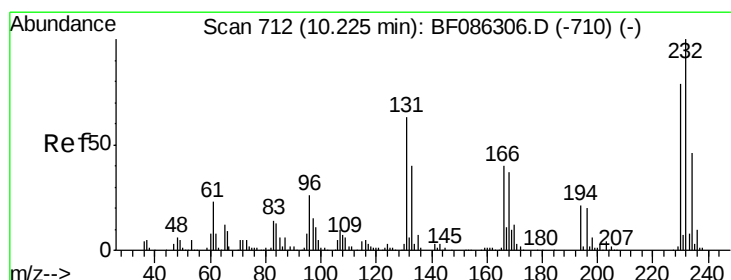
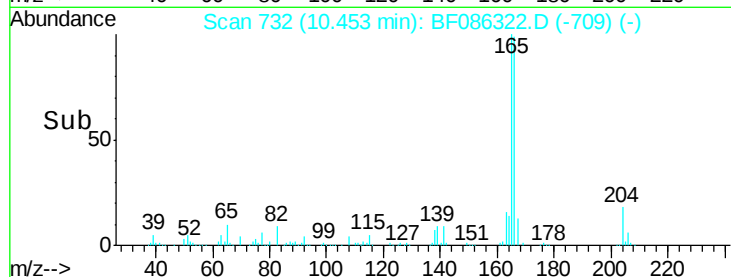
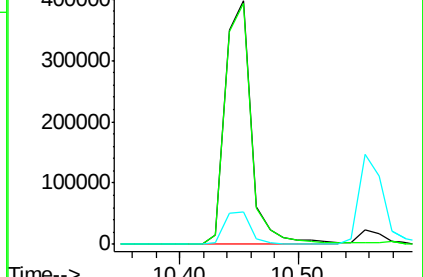
167 13.2 10.4 15.6



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: 22.75 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:232 Resp: 155636

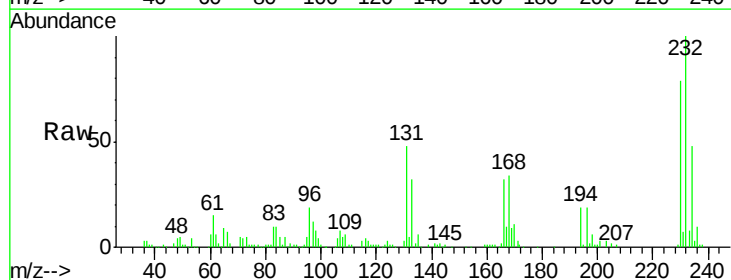
Ion Ratio Lower Upper

232 100

131 47.8 46.6 70.0

130 2.7 2.5 3.7

166 30.7 28.3 42.5

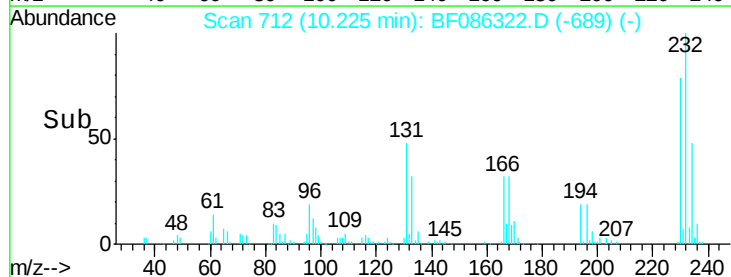
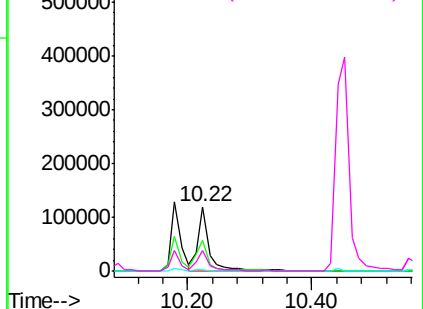


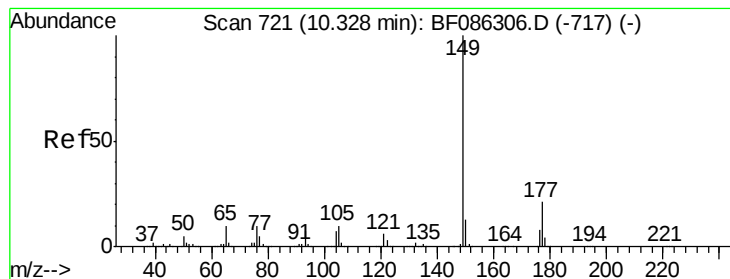
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.26 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

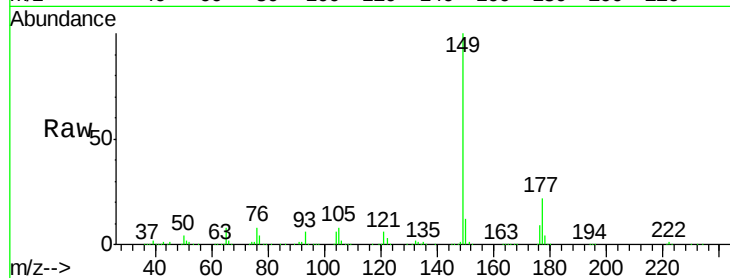
Tgt Ion:149 Resp: 725307

Ion Ratio Lower Upper

149 100

177 21.7 17.0 25.6

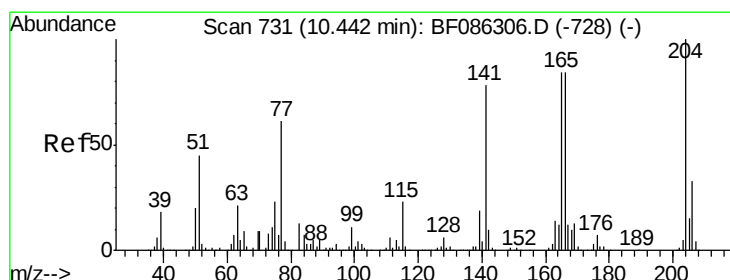
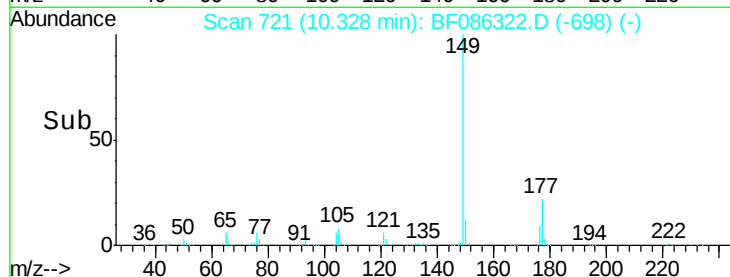
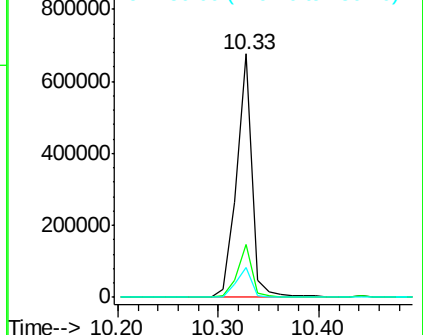
150 12.1 10.2 15.4



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: 21.57 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

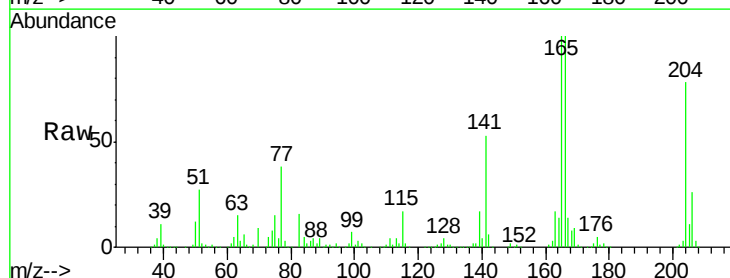
Tgt Ion:204 Resp: 278186

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

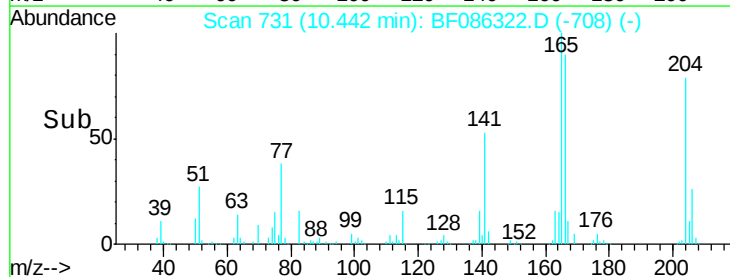
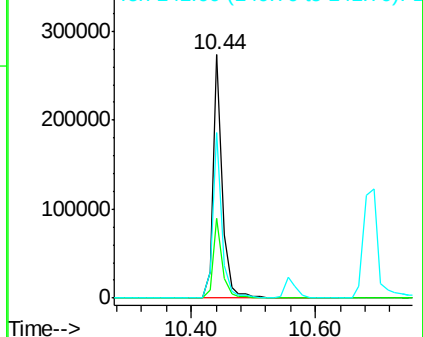
141 67.8 55.4 83.0

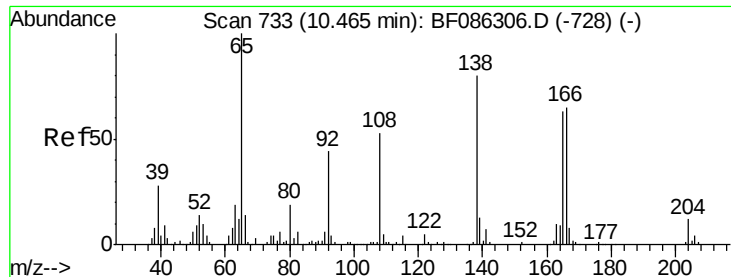


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 17.93 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

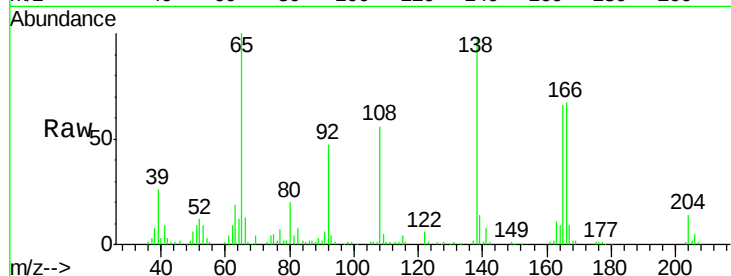
Tgt Ion:138 Resp: 169551

Ion Ratio Lower Upper

138 100

92 48.5 31.9 71.9

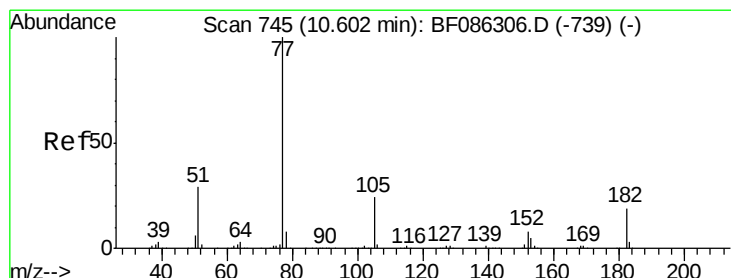
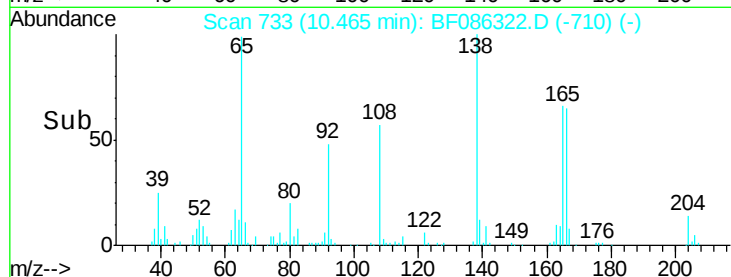
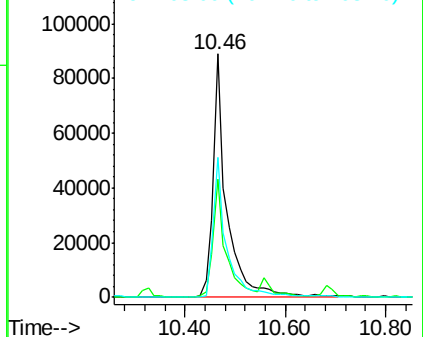
108 57.6 58.7 98.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 21.30 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion: 77 Resp: 790751

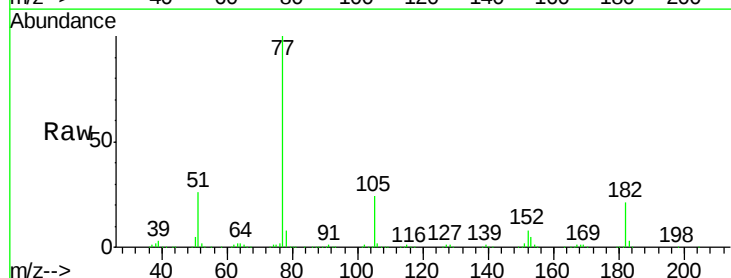
Ion Ratio Lower Upper

77 100

182 20.6 2.3 42.3

105 24.0 3.4 43.4

51 26.5 11.7 51.7

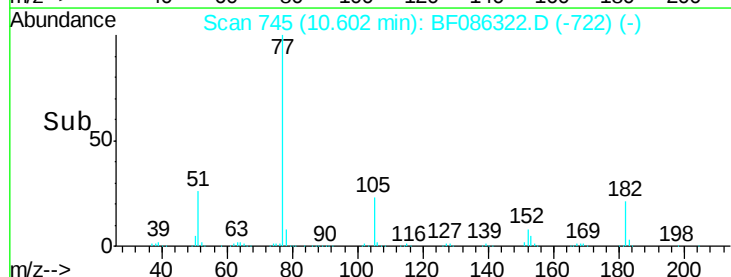
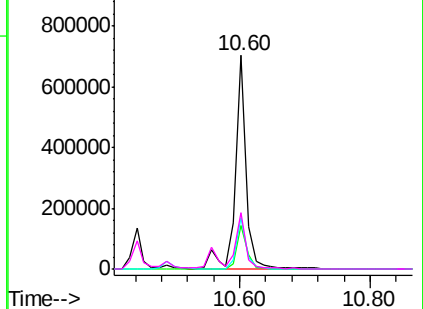


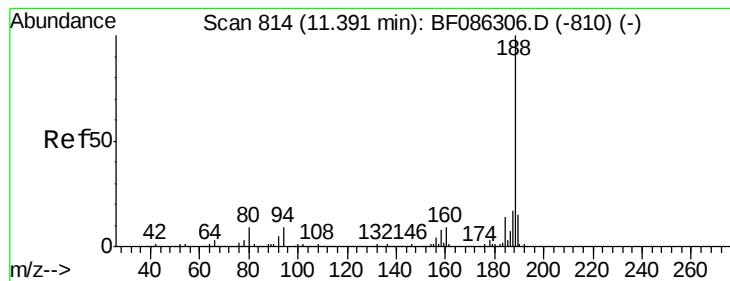
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

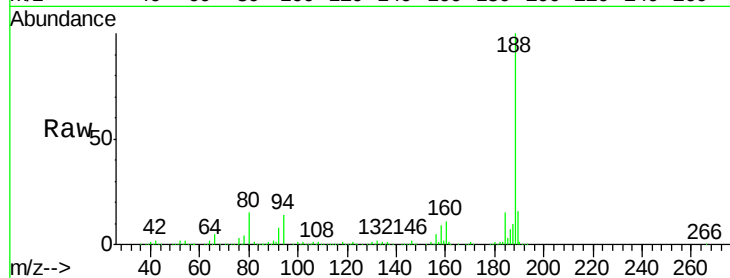
Tgt Ion:188 Resp: 852688

Ion Ratio Lower Upper

188 100

94 13.7 9.8 14.8

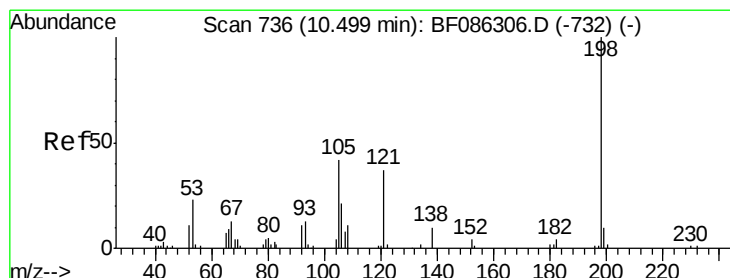
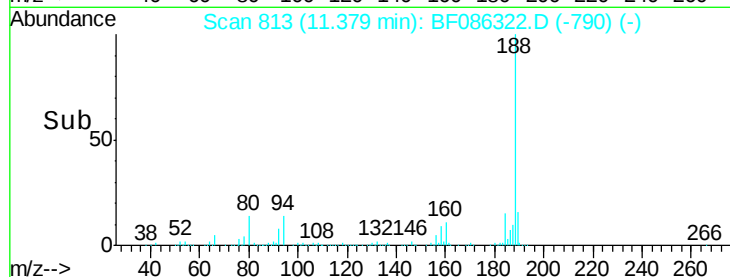
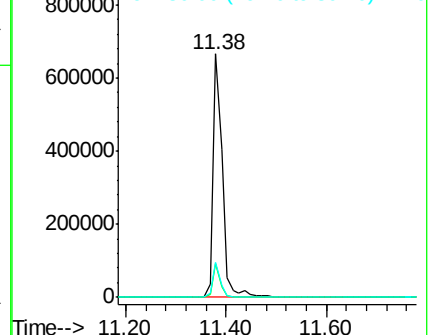
80 14.5 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 24.31 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

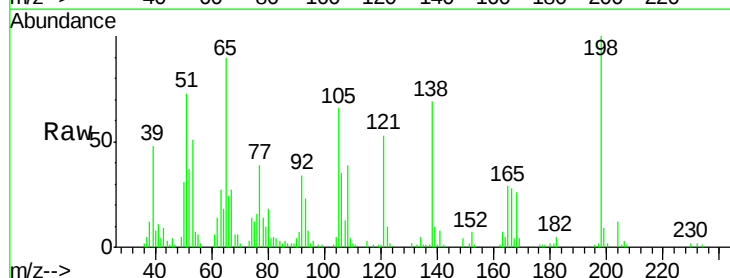
Tgt Ion:198 Resp: 56019

Ion Ratio Lower Upper

198 100

51 73.0 56.5 96.5

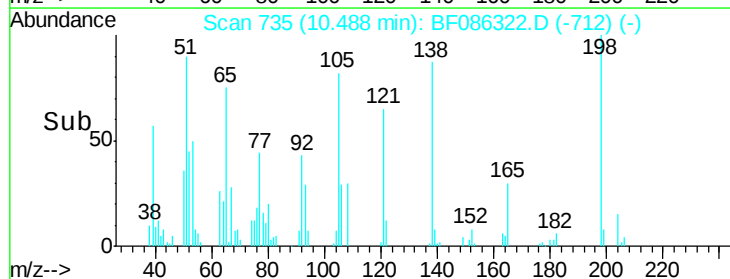
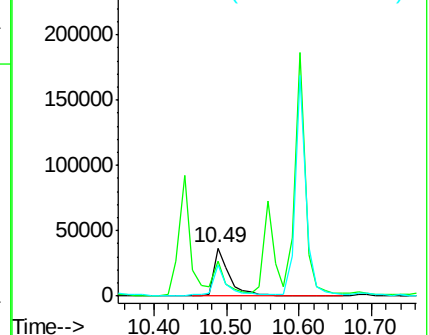
105 65.7 48.0 88.0

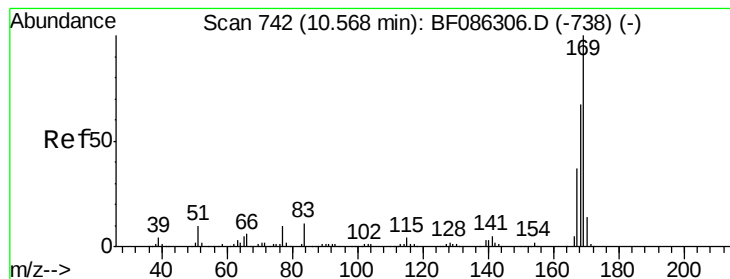


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 19.62 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

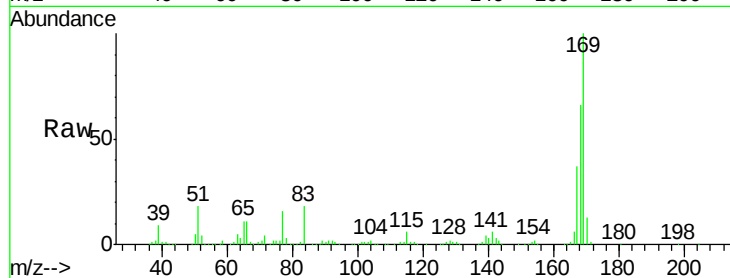
Tgt Ion:169 Resp: 551123

Ion Ratio Lower Upper

169 100

168 66.4 54.3 81.5

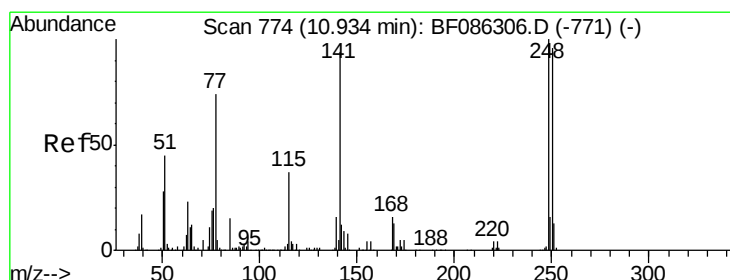
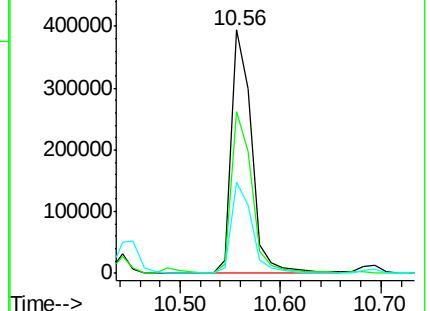
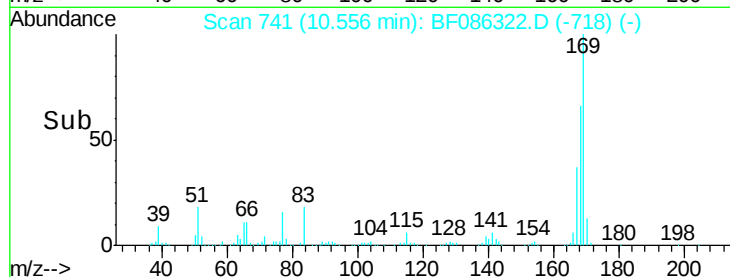
167 37.3 30.2 45.2



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: 18.97 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

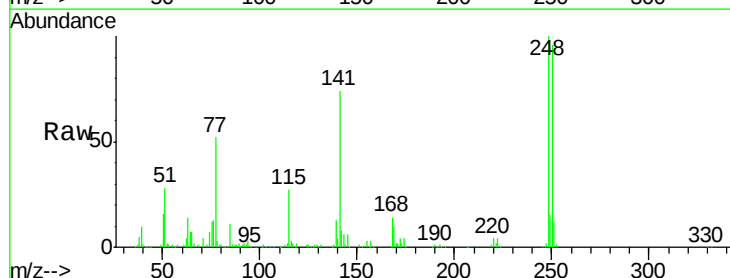
Tgt Ion:248 Resp: 173819

Ion Ratio Lower Upper

248 100

250 95.7 78.6 118.0

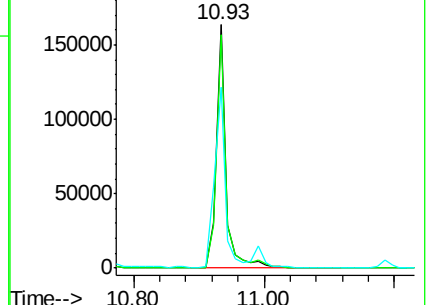
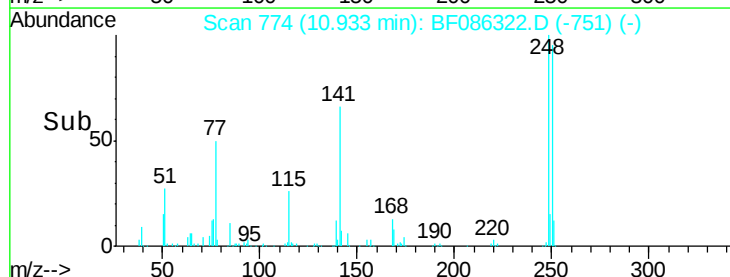
141 74.2 57.9 86.9

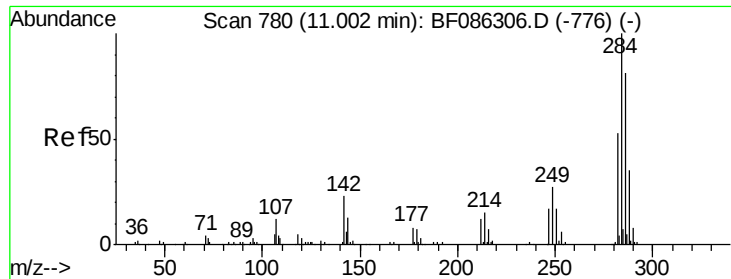


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 18.20 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

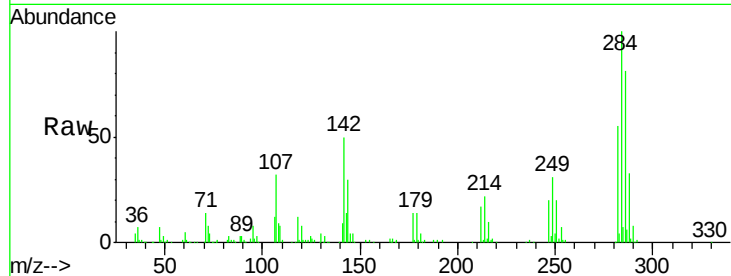
Tgt Ion:284 Resp: 167344

Ion Ratio Lower Upper

284 100

142 50.1 42.6 64.0

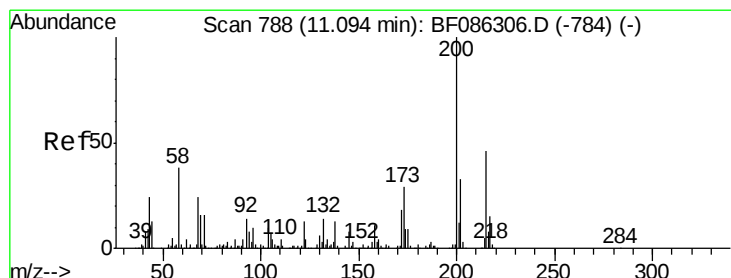
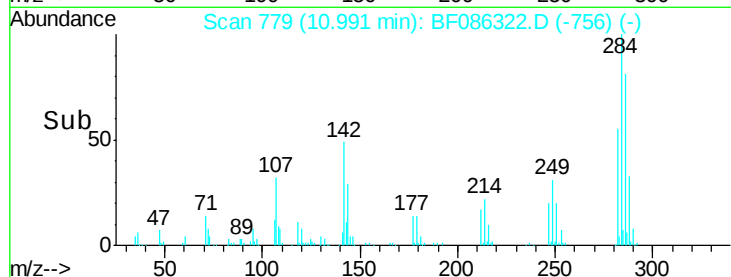
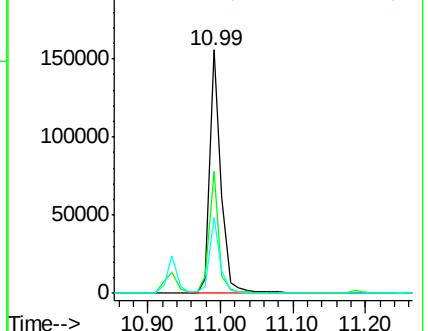
249 31.3 25.9 38.9



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: 18.71 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

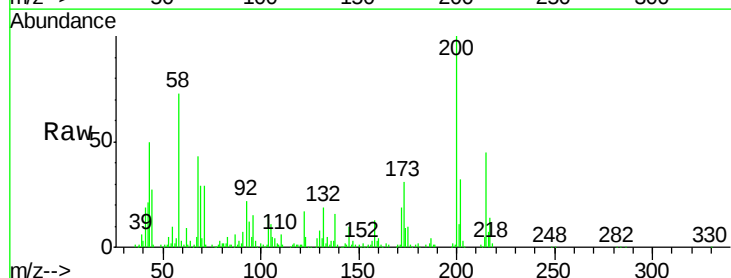
Tgt Ion:200 Resp: 161586

Ion Ratio Lower Upper

200 100

173 30.8 11.2 51.2

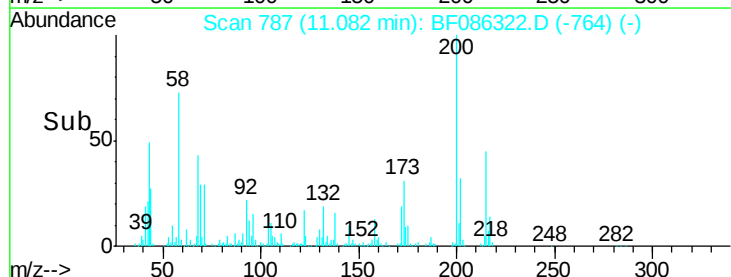
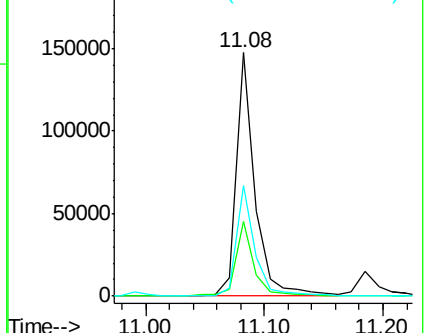
215 45.3 24.0 64.0

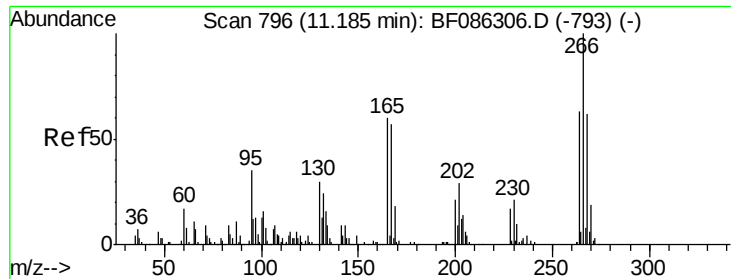


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

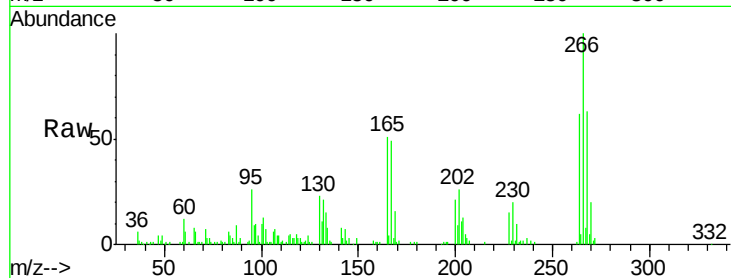




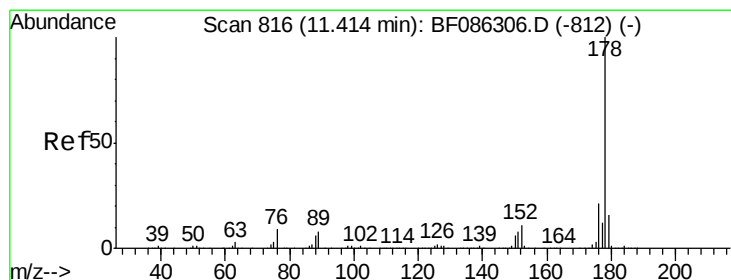
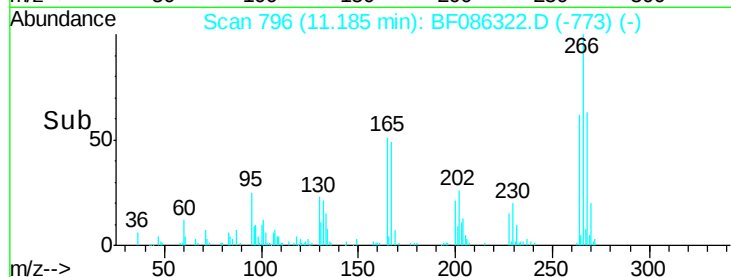
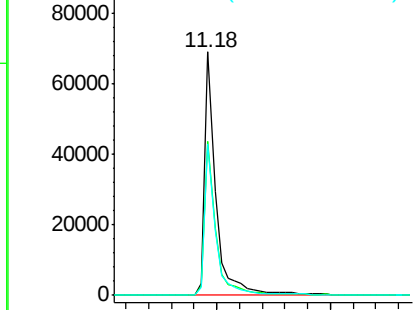
#69
 Pentachlorophenol
 Concen: 19.16 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:266 Resp: 92295
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.0 79.4
 264 62.2 51.3 76.9

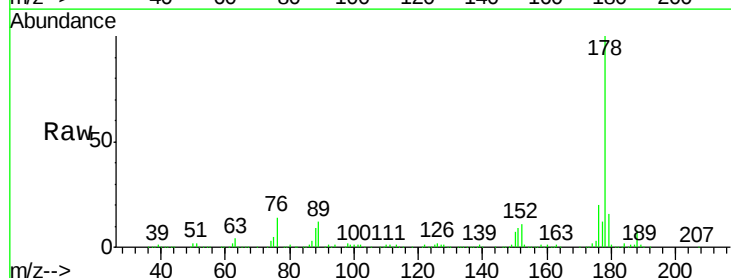


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

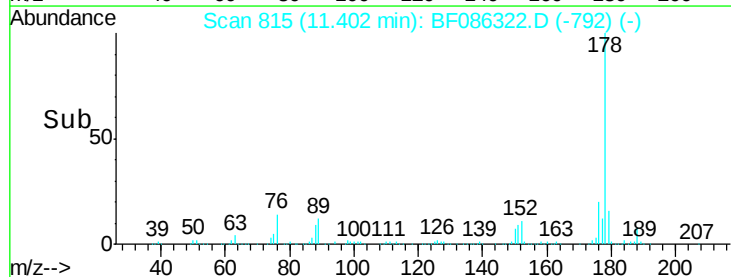
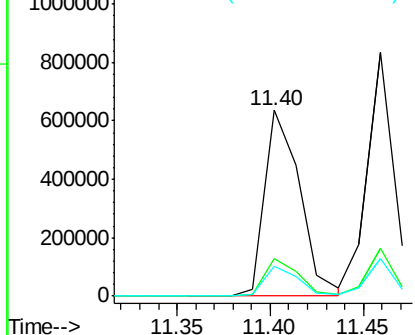


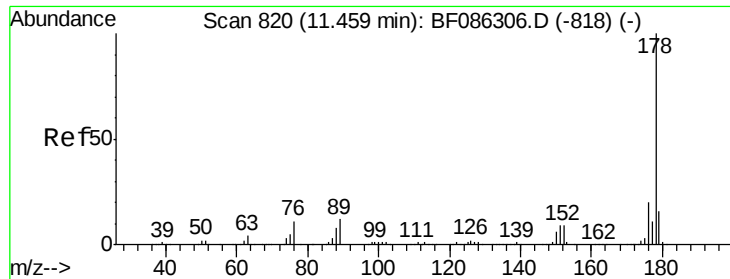
#70
 Phenanthrene
 Concen: 20.42 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:178 Resp: 825283
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.8 13.0 19.6



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

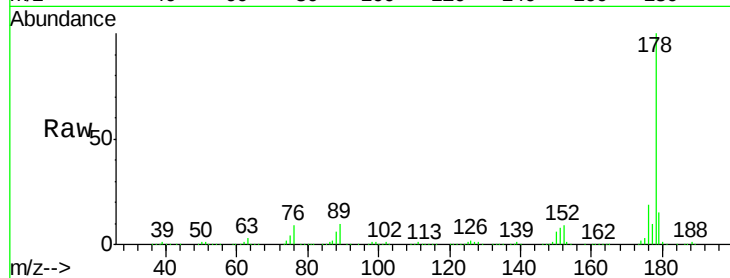




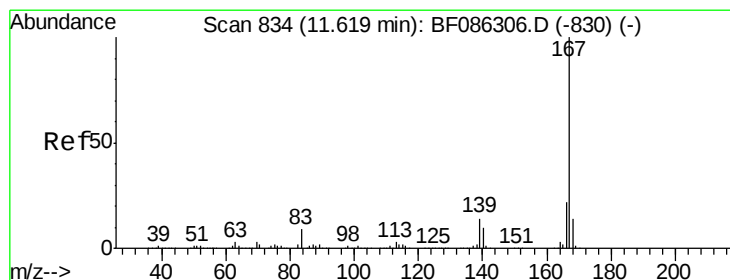
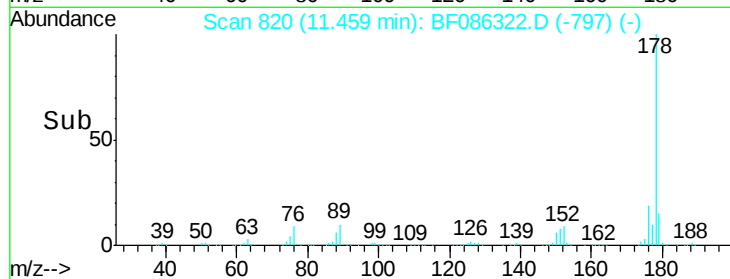
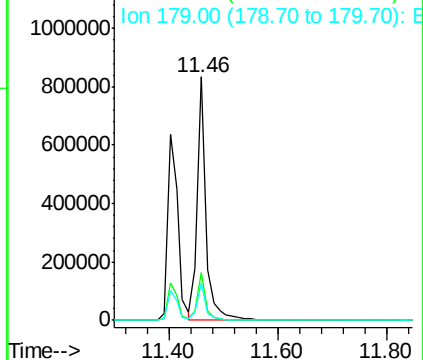
#71
 Anthracene
 Concen: 21.26 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:178 Resp: 920196
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 13.2 19.8

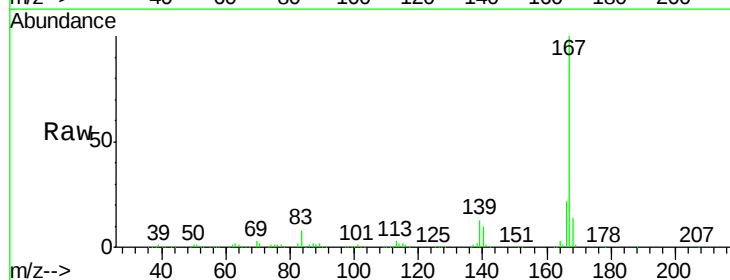


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

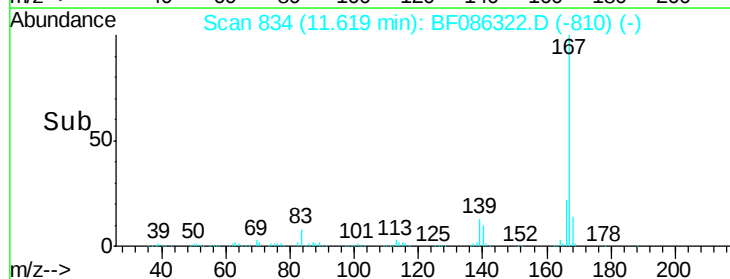
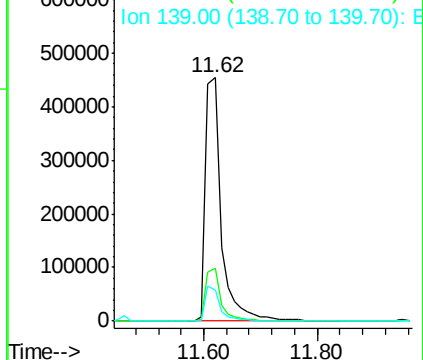


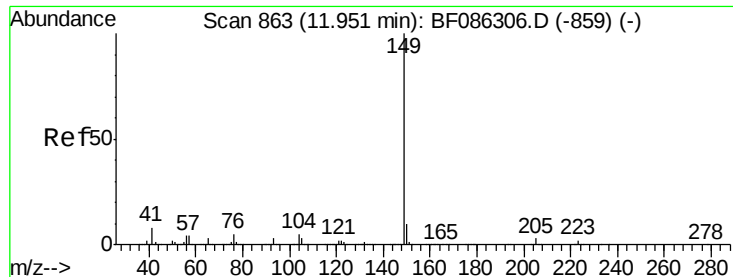
#72
 Carbazole
 Concen: 20.70 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:167 Resp: 847811
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.3 27.5
 139 12.7 12.3 18.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 20.76 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

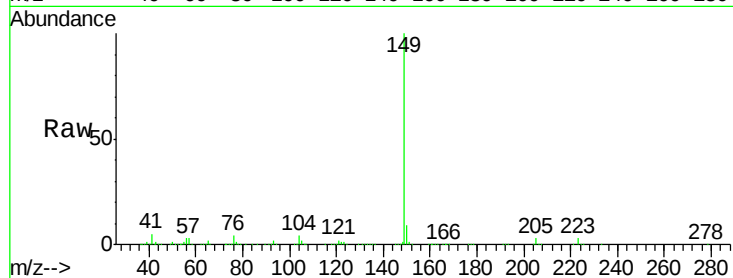
Tgt Ion:149 Resp: 1094630

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

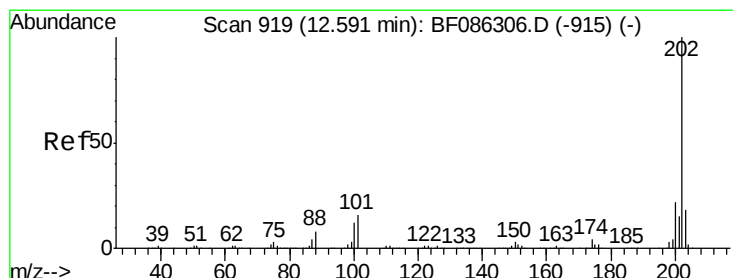
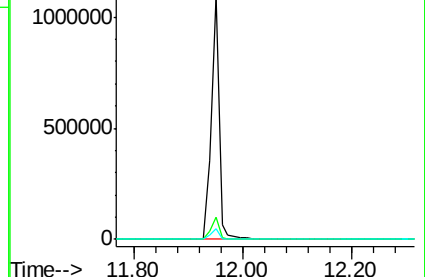
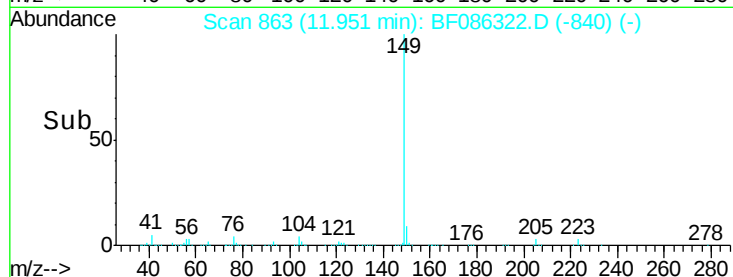
104 4.1 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.60 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

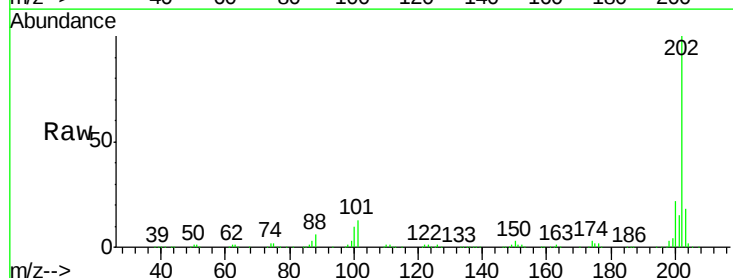
Tgt Ion:202 Resp: 771820

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.2

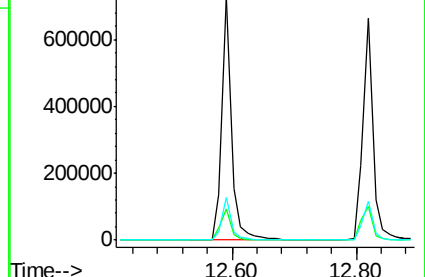
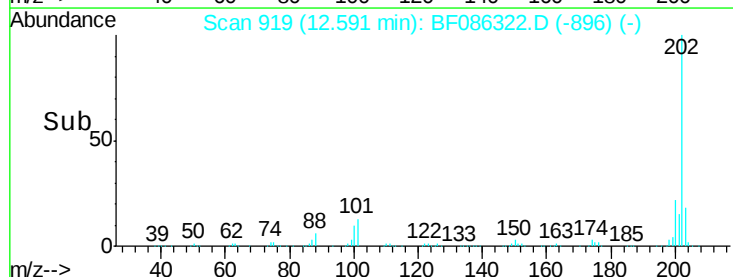
203 17.6 0.0 38.2

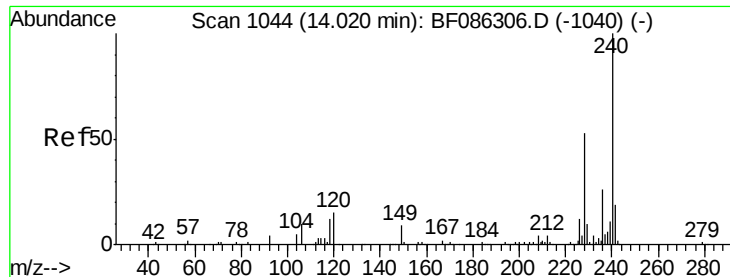


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

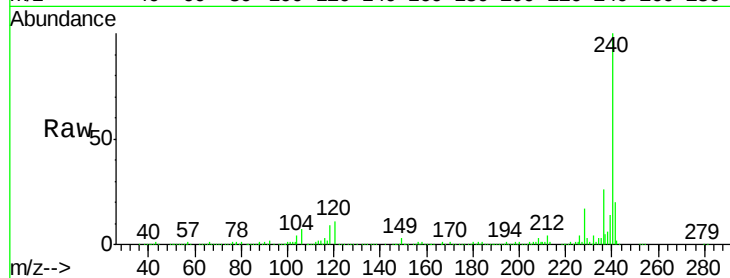
Tgt Ion:240 Resp: 489733

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

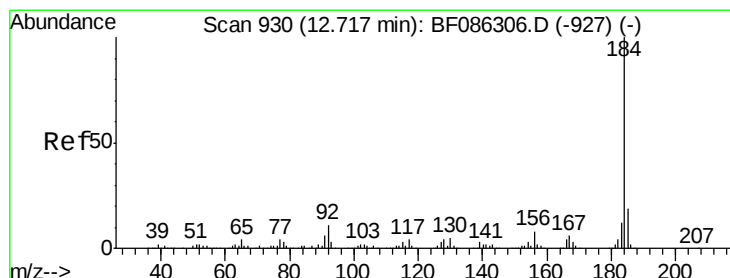
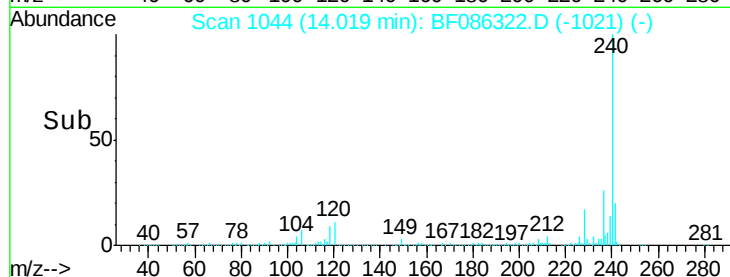
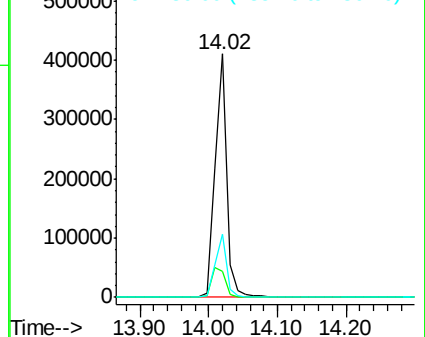
236 26.1 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.43 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

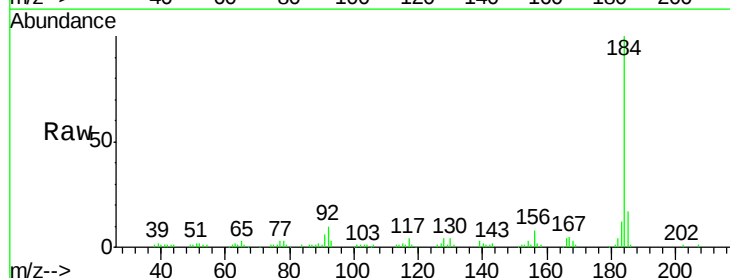
Tgt Ion:184 Resp: 160582

Ion Ratio Lower Upper

184 100

185 16.5 14.2 21.2

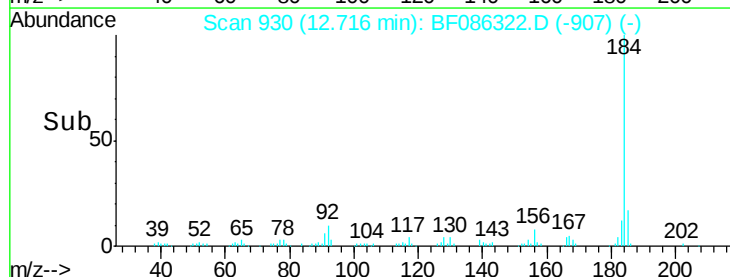
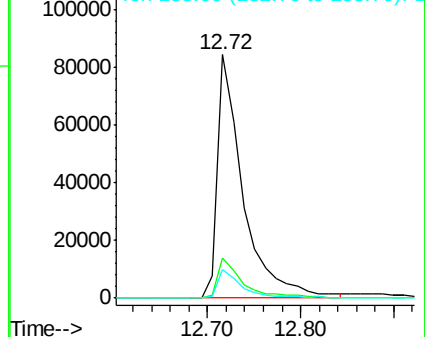
183 11.5 9.8 14.6

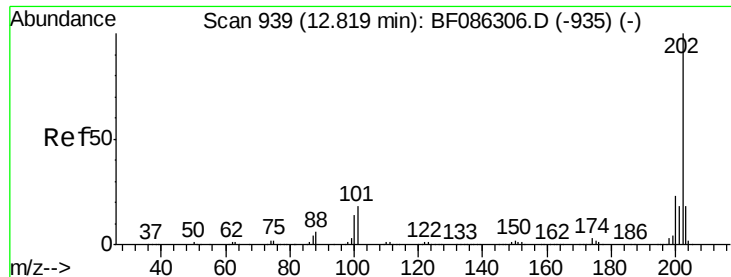


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

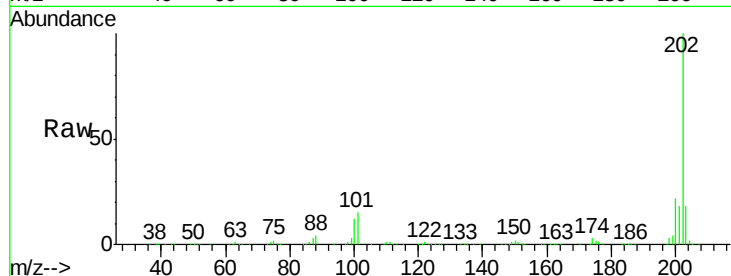




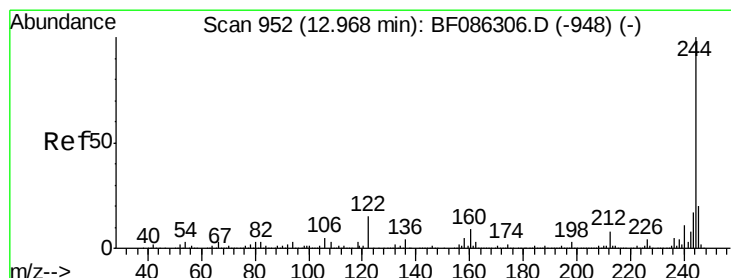
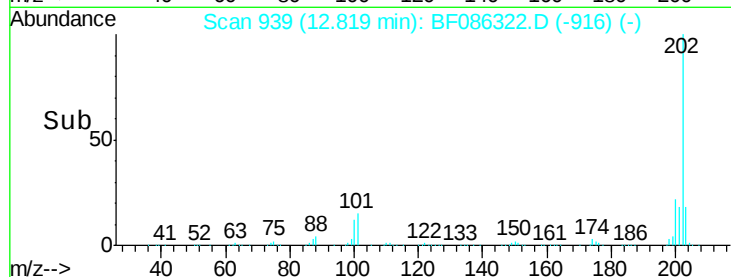
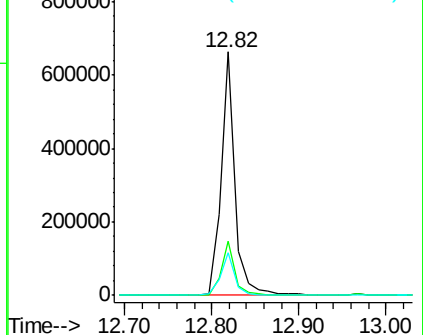
#77
 Pyrene
 Concen: 20.43 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 202 Resp: 742148
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.3 27.5
 203 17.8 14.9 22.3

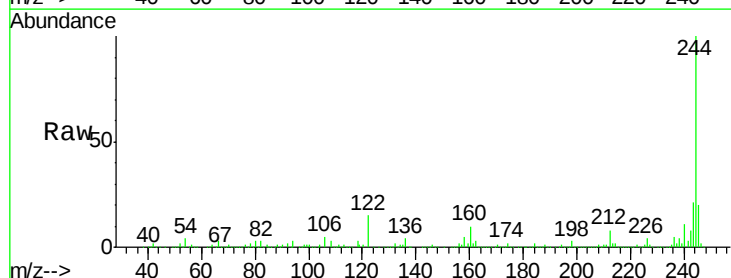


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

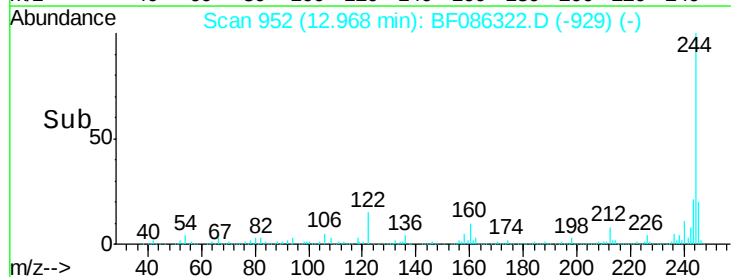
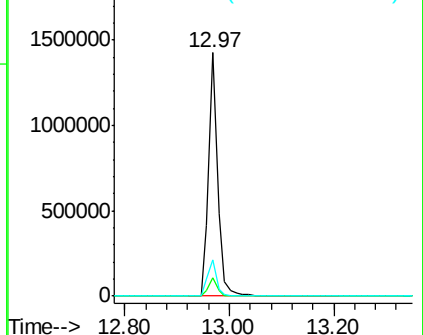


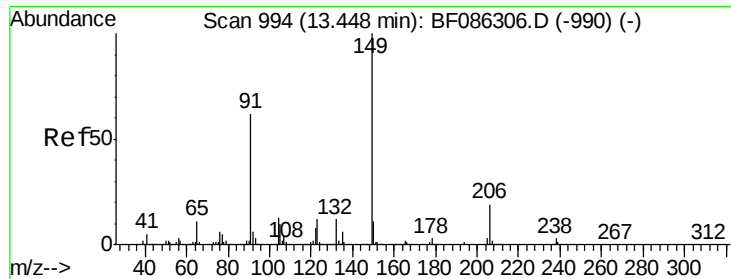
#78
 Terphenyl-d14
 Concen: 83.33 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion: 244 Resp: 1714374
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 15.1 11.7 17.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

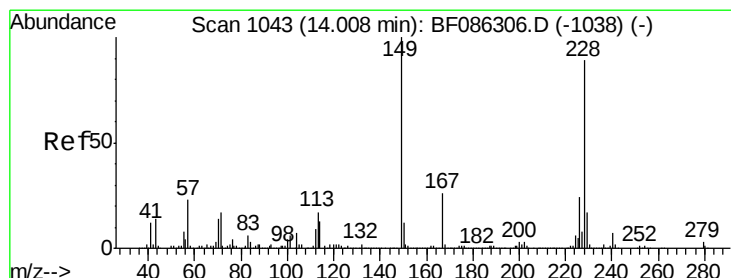
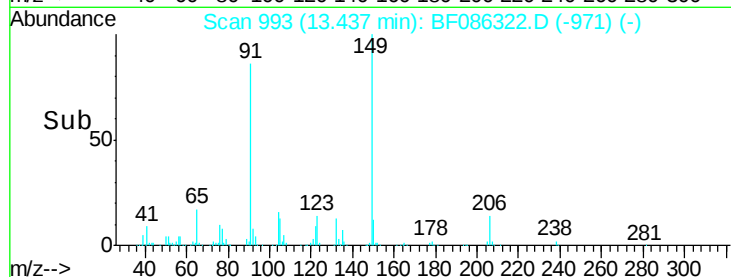
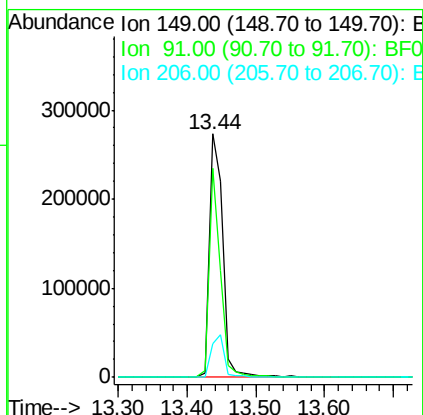
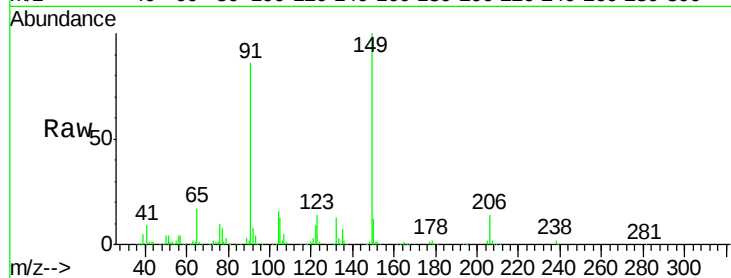




#79
Butylbenzylphthalate
Concen: 19.46 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

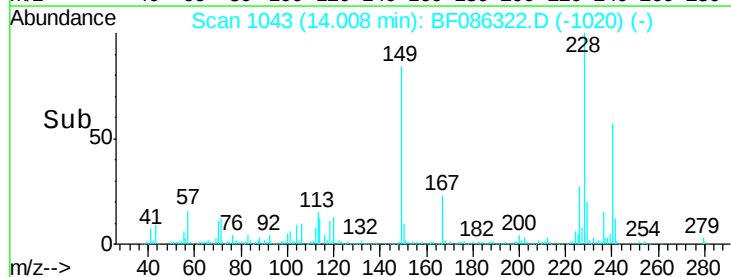
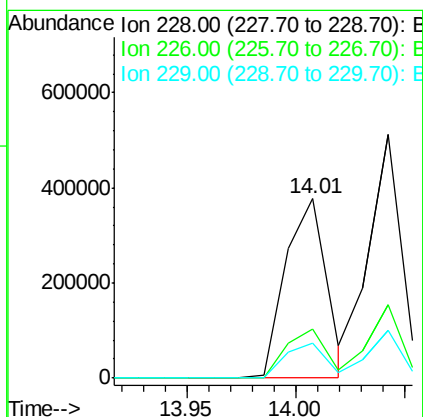
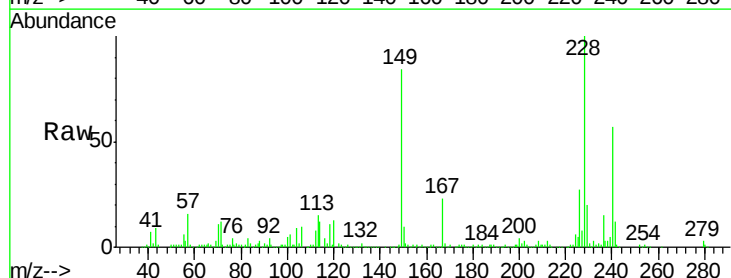
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

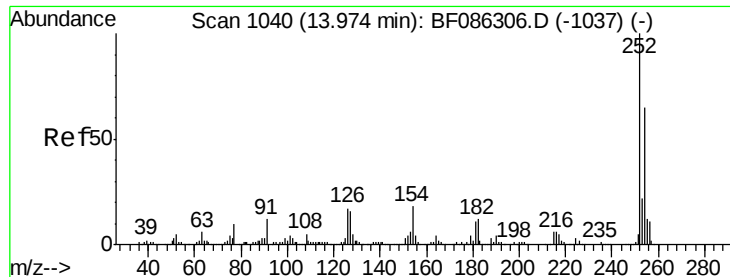
Tgt Ion:149 Resp: 373239
Ion Ratio Lower Upper
149 100
91 85.8 48.7 73.1#
206 13.8 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 19.27 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:228 Resp: 497217
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 19.6 16.2 24.2

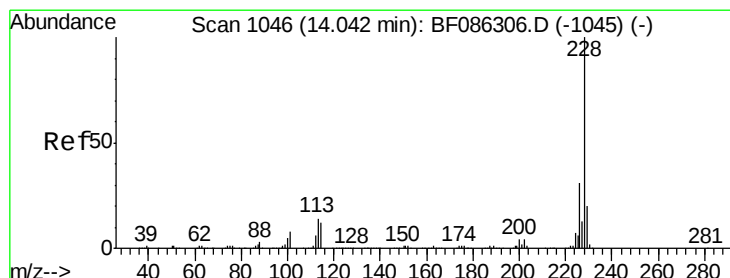
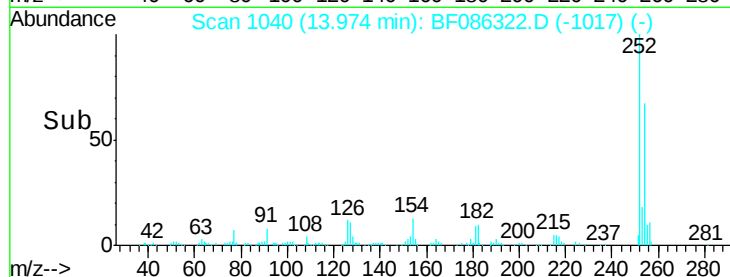
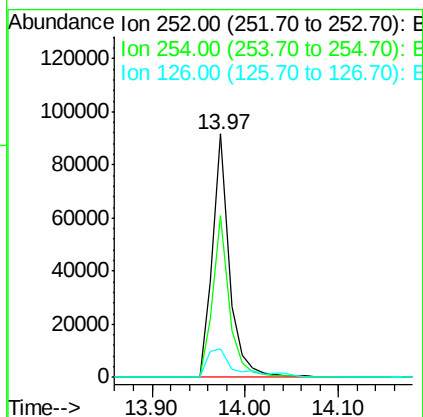
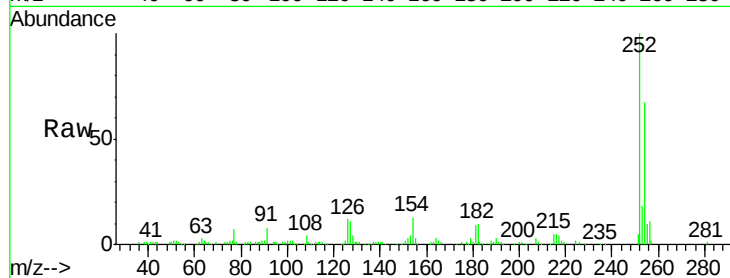




#81
 3,3'-Dichlorobenzidine
 Concen: 6.59 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

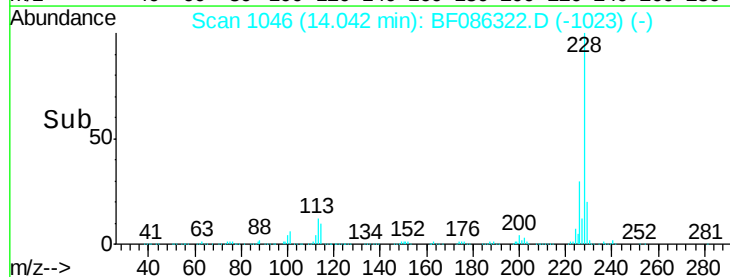
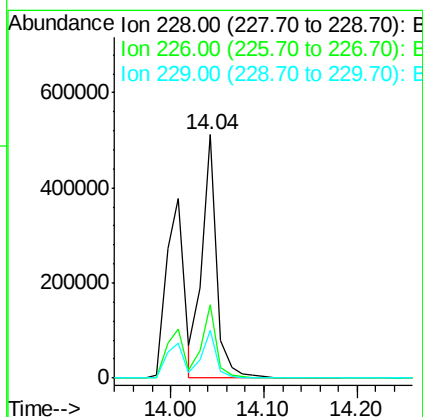
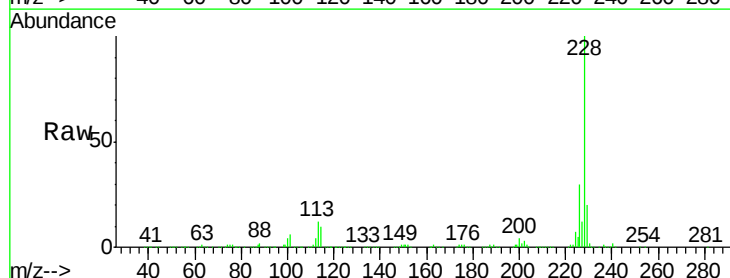
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

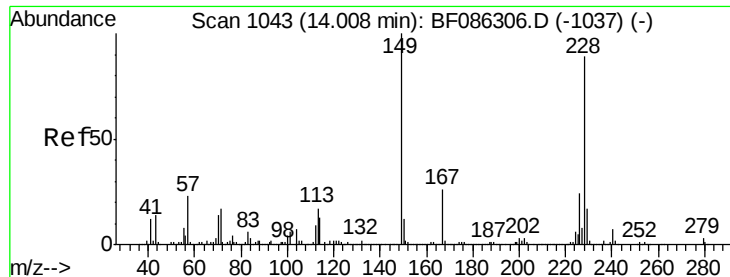
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.1	78.1
126	11.7	13.2	19.8



#82
 Chrysene
 Concen: 20.31 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	19.8	16.5	24.7

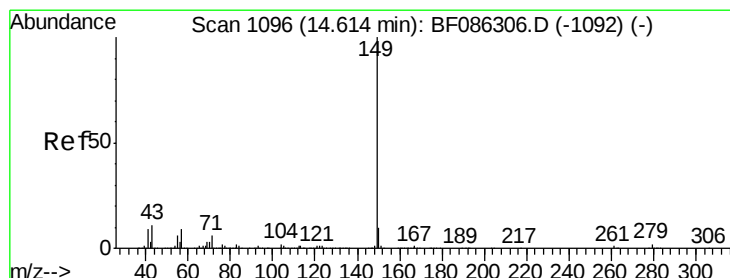
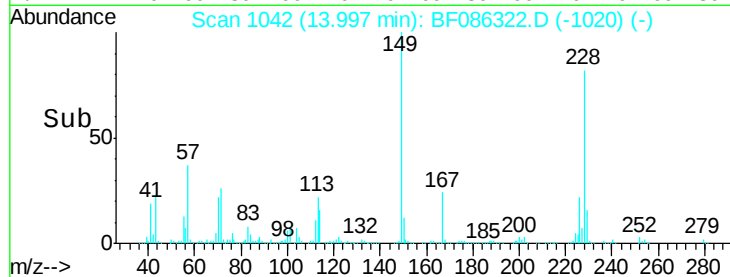
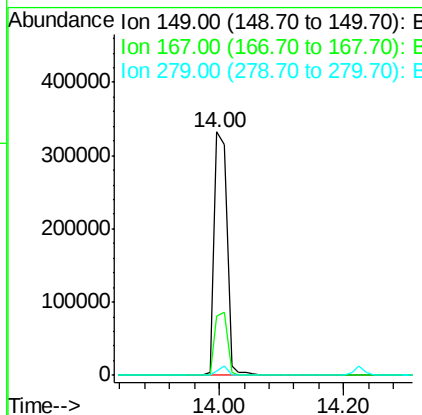
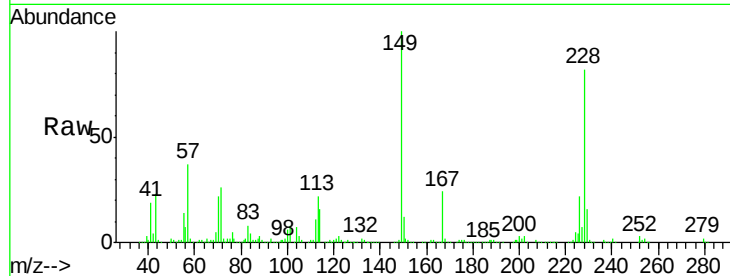




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.75 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

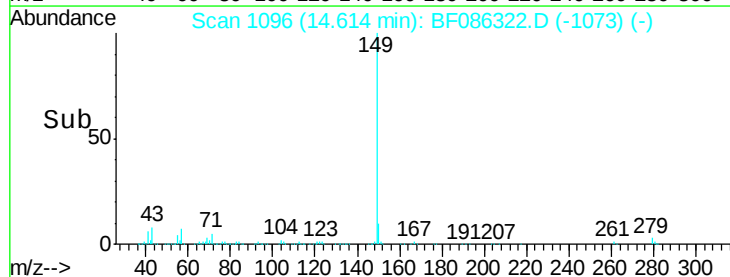
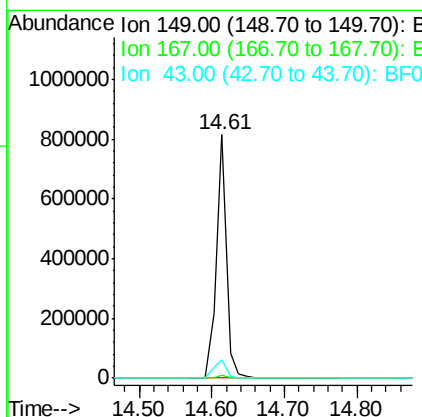
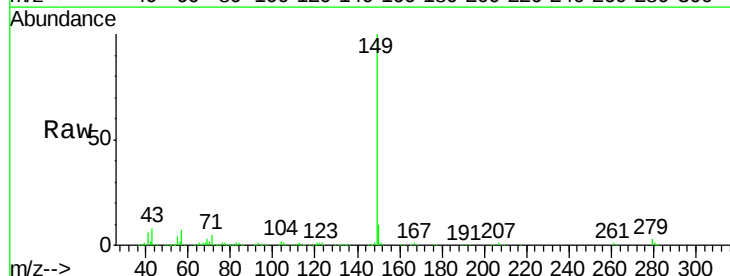
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

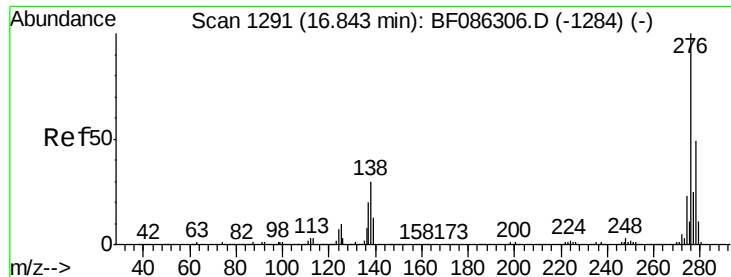
Tgt Ion:	149	Resp:	465911
Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.0	31.4
279	1.6	2.4	3.6#



#84
 Di-n-octyl phthalate
 Concen: 19.42 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion:	149	Resp:	786082
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	9.1	13.7

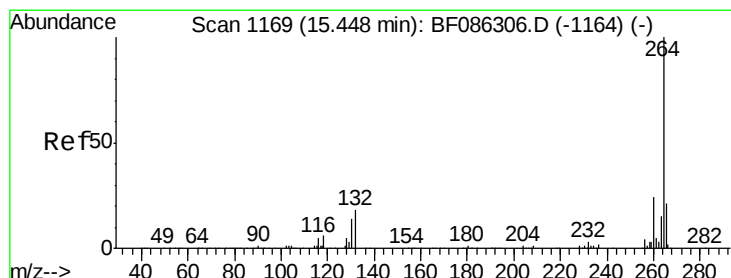
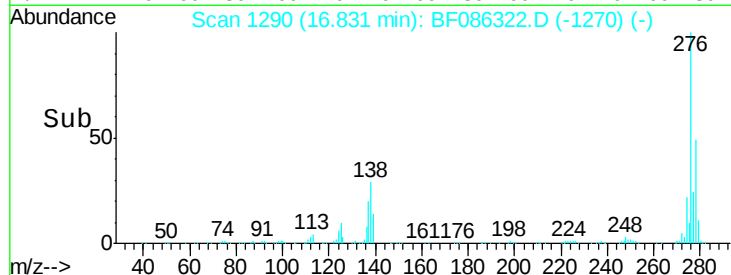
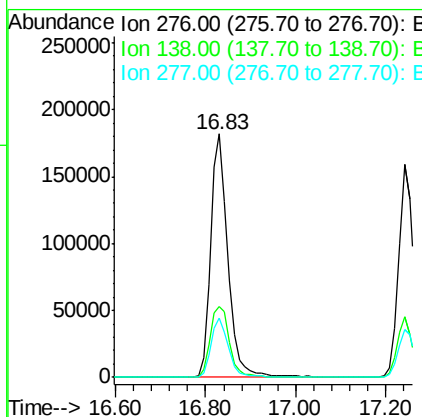
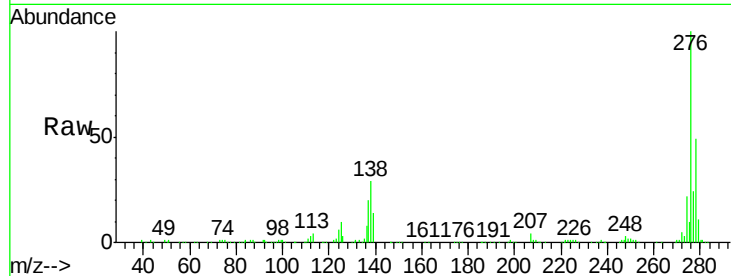




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.91 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

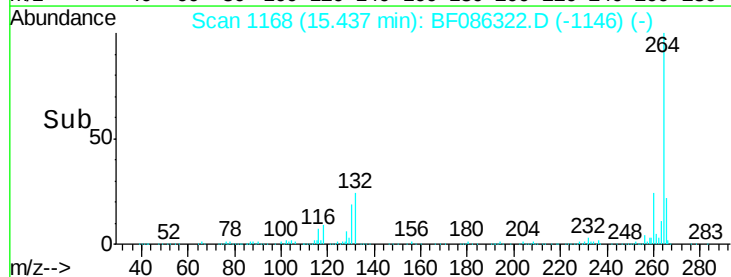
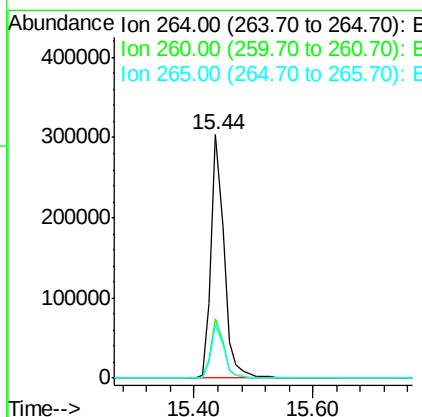
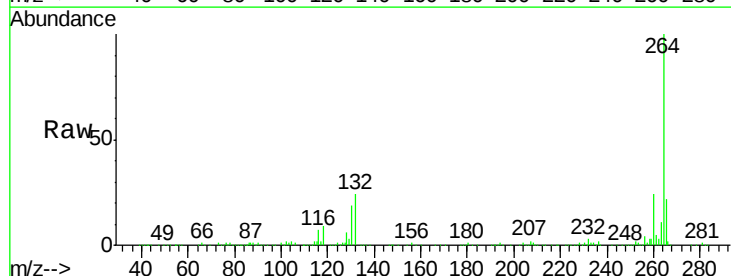
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

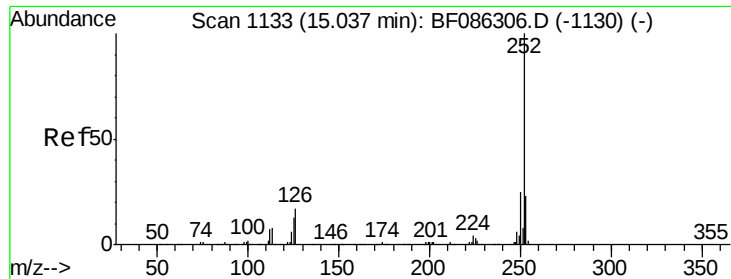
Tgt Ion: 276 Resp: 484723
 Ion Ratio Lower Upper
 276 100
 138 32.9 23.8 35.6
 277 24.6 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion: 264 Resp: 462065
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.6 17.4 26.0

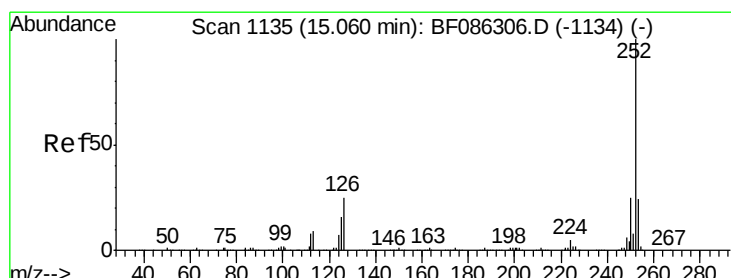
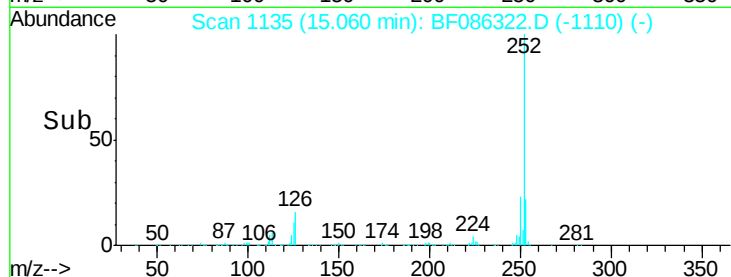
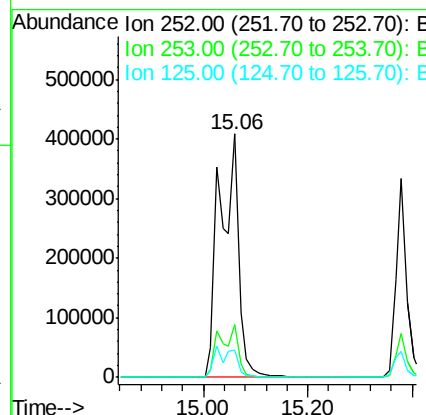
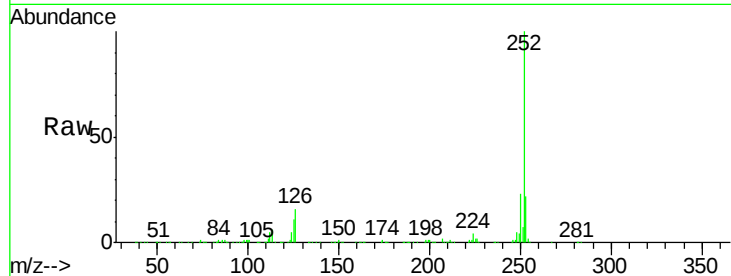




#87
Benzo(b)fluoranthene
Concen: 38.09 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

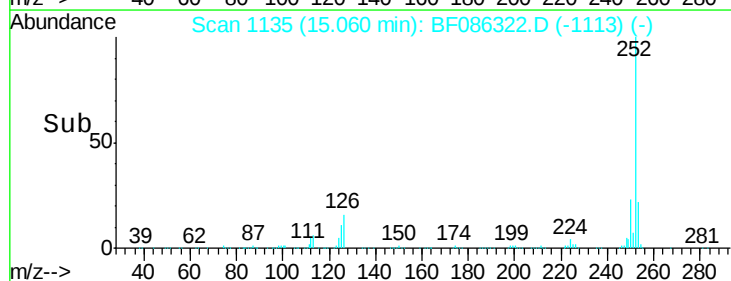
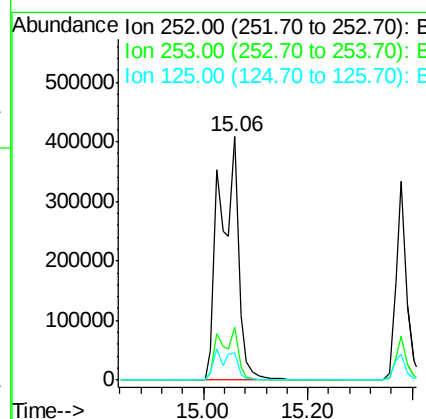
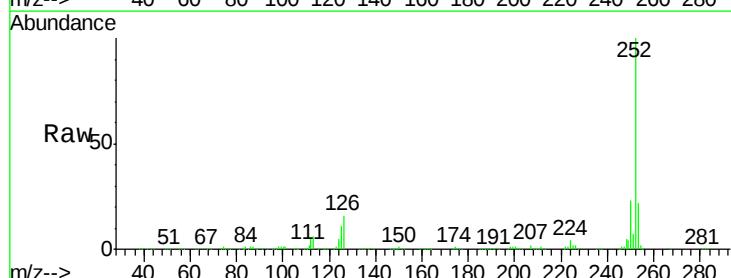
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

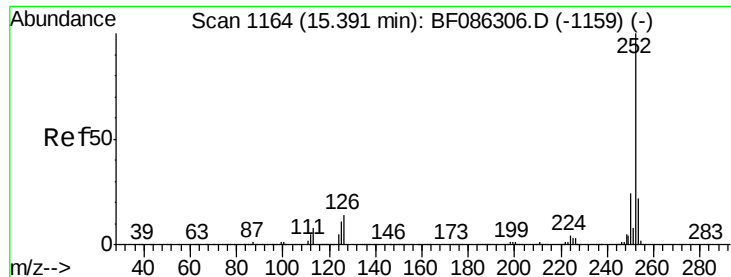
Tgt Ion:252 Resp: 1017971
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.0 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 45.25 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion:252 Resp: 1017971
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.0 7.8 11.6

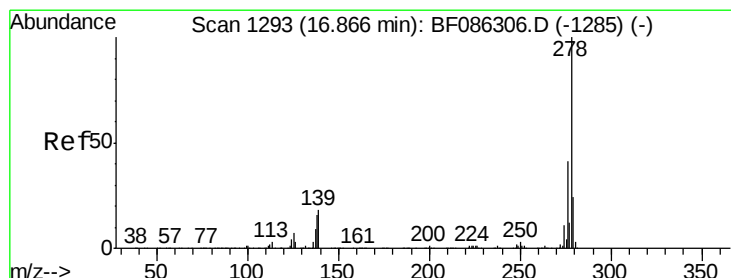
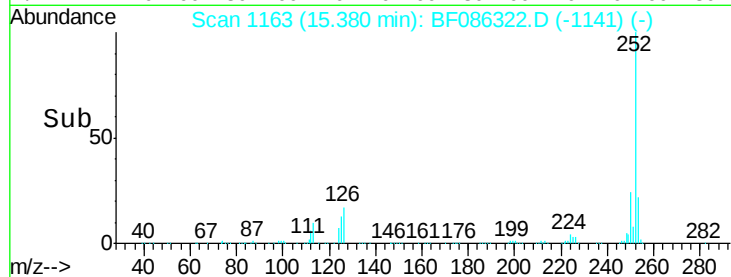
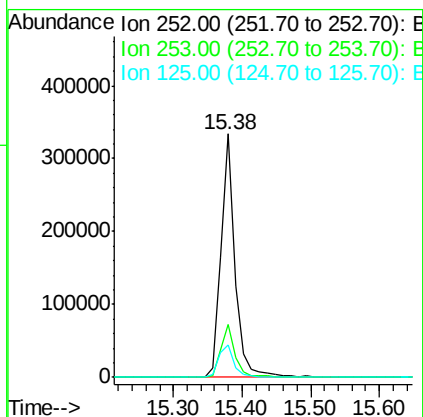
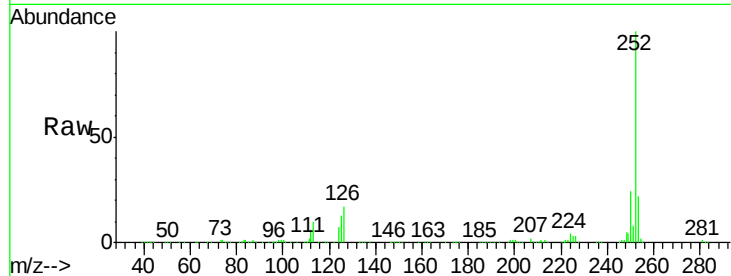




#89
Benzo(a)pyrene
Concen: 19.47 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

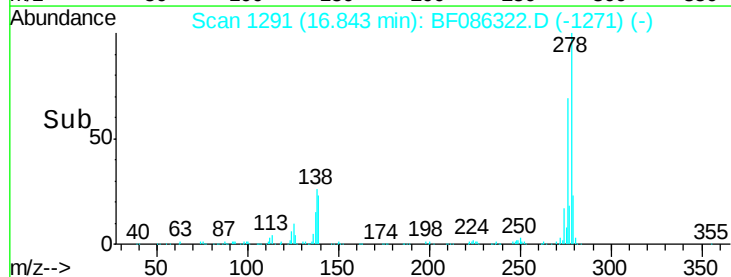
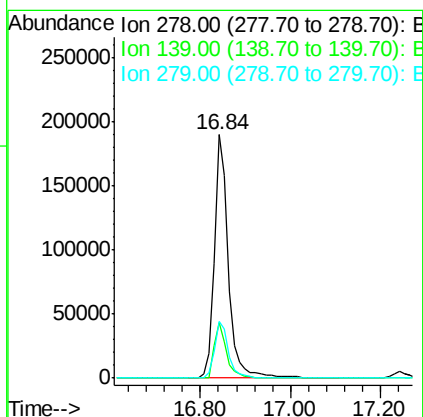
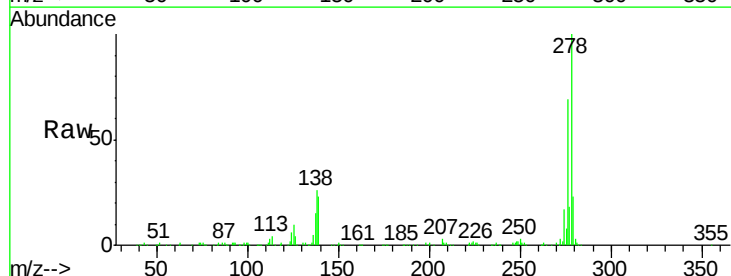
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

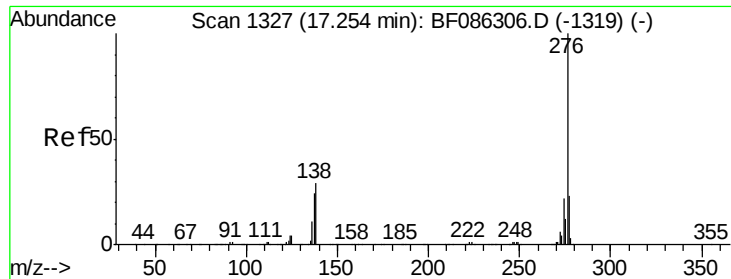
Tgt Ion: 252 Resp: 479591
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.3 11.2 16.8



#90
Dibenzo(a,h)anthracene
Concen: 19.11 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion: 278 Resp: 410955
Ion Ratio Lower Upper
278 100
139 23.0 15.3 22.9#
279 23.3 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 18.83 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.08 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

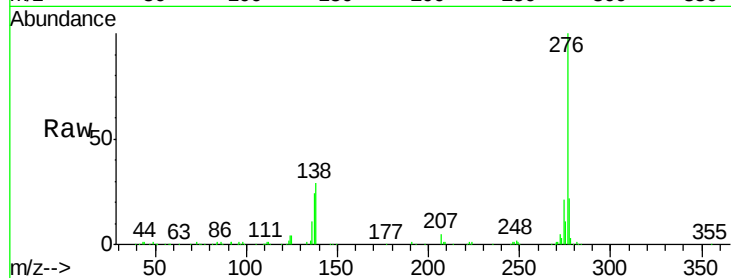
Tgt Ion: 276 Resp: 388292

Ion Ratio Lower Upper

276 100

277 22.4 19.0 28.6

138 28.6 19.6 29.4



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

