

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086169.D
 Acq On : 8 Apr 2016 15:39
 Operator : UM/SJ
 Sample : H1824-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Apr 08 23:17:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122969	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	503707	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	248392	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	453190	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	374024	20.00	ng	-0.05
86) Perylene-d12	15.28	264	264699	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	934032	129.83	ng	-0.03
7) Phenol-d6	6.38	99	1194974	130.77	ng	-0.03
23) Nitrobenzene-d5	7.30	82	709095	83.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	288510	123.75	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1346237	90.11	ng	-0.05
78) Terphenyl-d14	12.83	244	1156918	72.71	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	48546	14.23	ng	90
3) Pyridine	3.09	79	79566	10.42	ng	99
4) n-Nitrosodimethylamine	2.96	42	56700	16.89	ng	95
6) Aniline	6.40	93	79690	6.65	ng	# 1
8) 2-Chlorophenol	6.51	128	149439	17.42	ng	88
9) Benzaldehyde	6.28	77	115472	23.48	ng	89
10) Phenol	6.40	94	165952	15.92	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	142523	17.27	ng	92
12) 1,3-Dichlorobenzene	6.67	146	150625	16.57	ng	98
13) 1,4-Dichlorobenzene	6.74	146	155667	16.62	ng	99
14) 1,2-Dichlorobenzene	6.90	146	141570	16.42	ng	98
15) Benzyl Alcohol	6.89	79	111478	18.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	170037	16.86	ng	85
17) 2-Methylphenol	7.00	107	121581	17.97	ng	97
18) Hexachloroethane	7.23	117	57593	16.71	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	106789	18.85	ng	99
20) 3+4-Methylphenols	7.16	107	159337	19.37	ng	# 62
22) Acetophenone	7.14	105	212317	17.93	ng	# 94
24) Nitrobenzene	7.31	77	148784	15.92	ng	95
25) Isophorone	7.55	82	277633	16.47	ng	98
26) 2-Nitrophenol	7.64	139	74119	16.58	ng	94
27) 2,4-Dimethylphenol	7.68	122	128470	16.00	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	180673	18.26	ng	97
29) 2,4-Dichlorophenol	7.88	162	126953	18.70	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	129055	16.94	ng	93
31) Naphthalene	8.03	128	428327	16.91	ng	99
32) Benzoic acid	7.80	122	70194	11.92	ng	99
33) 4-Chloroaniline	8.10	127	40405	3.95	ng	96
34) Hexachlorobutadiene	8.14	225	64939	15.85	ng	99
35) Caprolactam	8.45	113	42568	19.77	ng	# 85
36) 4-Chloro-3-methylphenol	8.59	107	133871	17.54	ng	89
37) 2-Methylnaphthalene	8.73	142	302532	18.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	116399	15.59	ng	98
40) Hexachlorocyclopentadiene	8.88	237	18013	14.03	ng	97

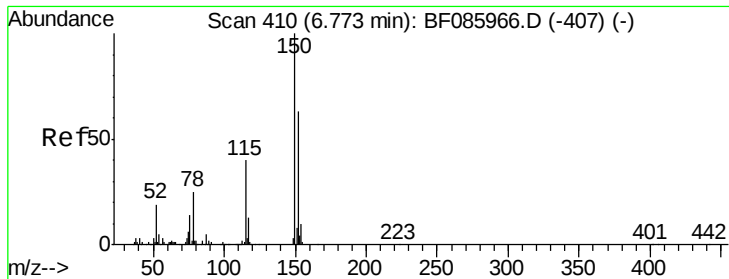
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	81380	16.98	ng	98
43) 2,4,5-Trichlorophenol	9.06	196	83878	17.23	ng	# 89
45) 1,1'-Biphenyl	9.18	154	344668	16.09	ng	98
46) 2-Chloronaphthalene	9.21	162	253770	16.35	ng	# 91
47) 2-Nitroaniline	9.32	65	78914	17.37	ng	87
48) Acenaphthylene	9.63	152	427513	17.19	ng	98
49) Dimethylphthalate	9.49	163	325120	17.66	ng	99
50) 2,6-Dinitrotoluene	9.56	165	71164	18.27	ng	# 75
51) Acenaphthene	9.79	154	244661	16.54	ng	99
52) 3-Nitroaniline	9.73	138	15374	3.27	ng	94
53) 2,4-Dinitrophenol	9.86	184	17572	13.34	ng	# 79
54) Dibenzofuran	9.97	168	370972	18.99	ng	97
55) 4-Nitrophenol	9.92	139	31006	11.20	ng	# 65
56) 2,4-Dinitrotoluene	9.97	165	82688	16.80	ng	# 77
57) Fluorene	10.32	166	295102	17.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	65067	17.95	ng	96
59) Diethylphthalate	10.19	149	331604	17.85	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	144123	18.54	ng	93
61) 4-Nitroaniline	10.34	138	57805	12.50	ng	82
62) Azobenzene	10.46	77	353632	19.87	ng	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	34965	12.73	ng	# 62
65) n-Nitrosodiphenylamine	10.43	169	257953	18.20	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	80362	17.37	ng	# 89
67) Hexachlorobenzene	10.86	284	81382	17.01	ng	95
68) Atrazine	10.96	200	81645	17.83	ng	99
69) Pentachlorophenol	11.06	266	26969	12.03	ng	98
70) Phenanthrene	11.26	178	433967	17.55	ng	99
71) Anthracene	11.32	178	455354	17.58	ng	99
72) Carbazole	11.48	167	397376	17.85	ng	99
73) Di-n-butylphthalate	11.81	149	521723	18.91	ng	99
74) Fluoranthene	12.45	202	419505	16.31	ng	97
77) Pyrene	12.68	202	436664	16.57	ng	100
79) Butylbenzylphthalate	13.30	149	188049	15.85	ng	# 67
80) Benzo(a)anthracene	13.87	228	358744	16.27	ng	99
82) Chrysene	13.91	228	315491	14.86	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	276580	17.56	ng	100
84) Di-n-octyl phthalate	14.47	149	448480	17.83	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	237143	13.76	ng	99
87) Benzo(b)fluoranthene	14.91	252	559306	33.59	ng	98
88) Benzo(k)fluoranthene	14.91	252	559306	37.93	ng	99
89) Benzo(a)pyrene	15.22	252	249434	16.91	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	202471	17.06	ng	98
91) Benzo(g,h,i)perylene	17.00	276	194377	16.92	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

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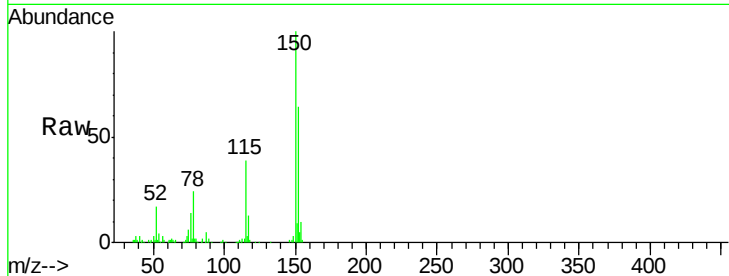
Tgt Ion:152 Resp: 122969

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.2

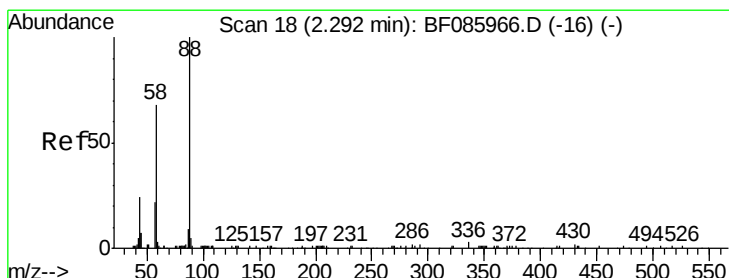
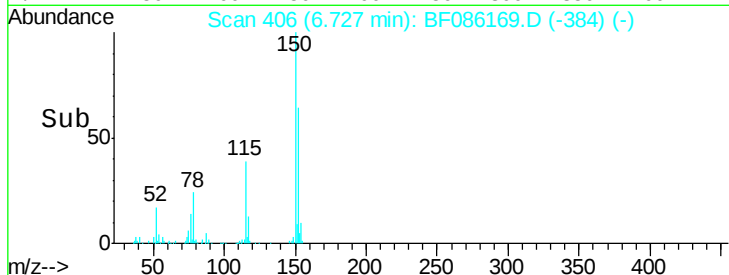
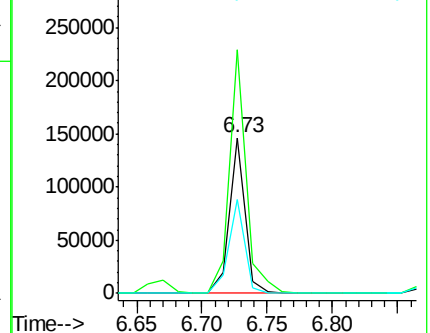
115 60.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.23 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

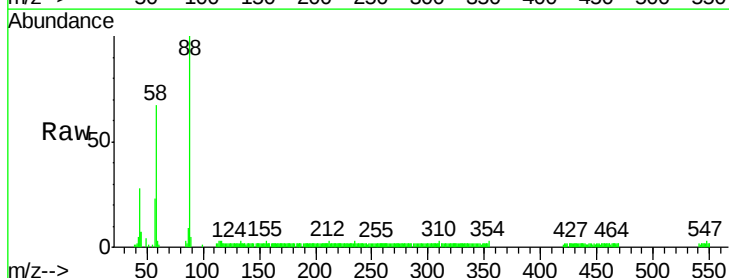
Tgt Ion: 88 Resp: 48546

Ion Ratio Lower Upper

88 100

58 76.4 54.2 81.2

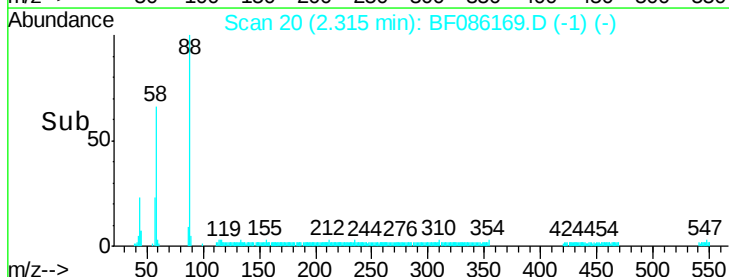
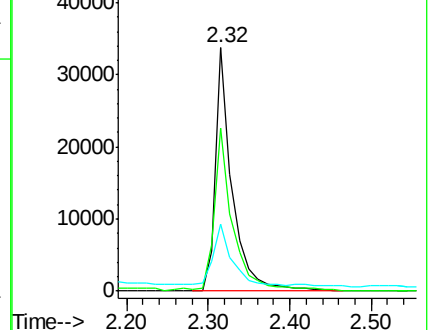
43 28.3 19.3 28.9

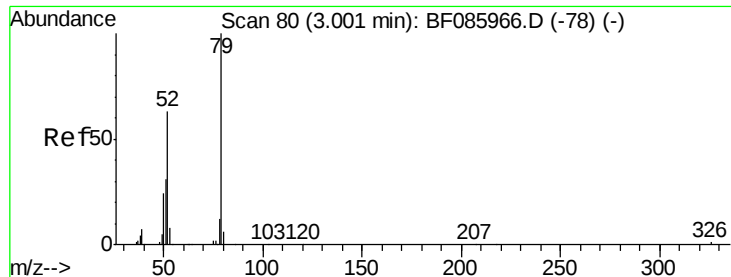


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.42 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

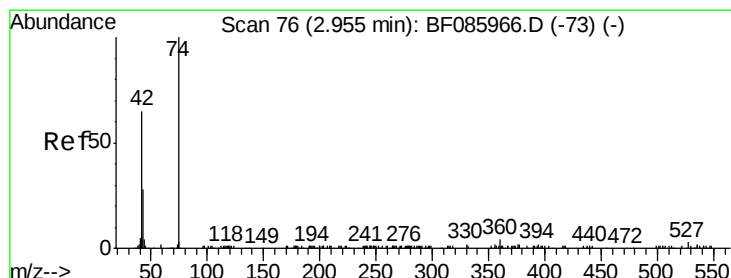
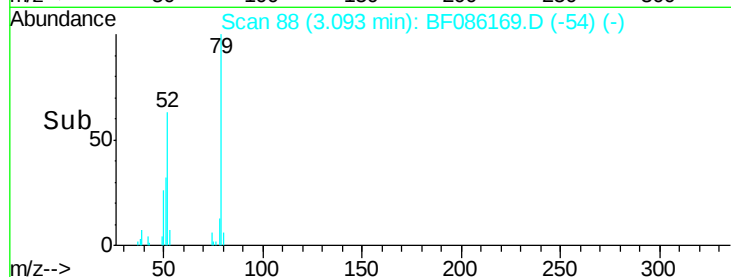
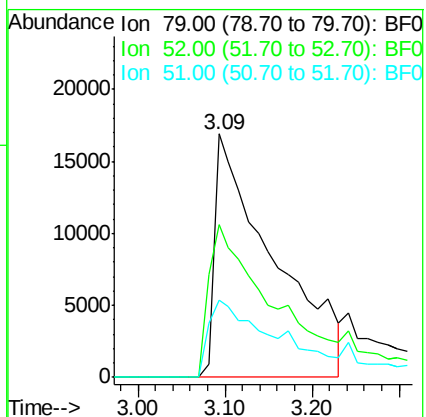
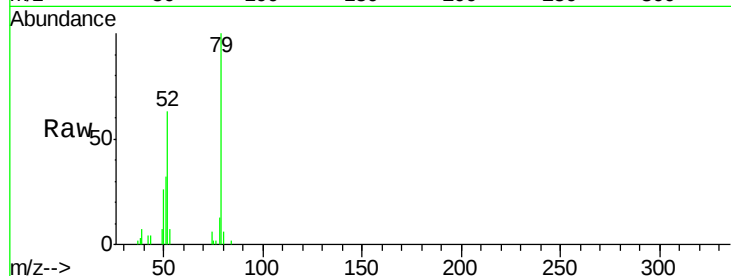
Tgt Ion: 79 Resp: 79566

Ion Ratio Lower Upper

79 100

52 62.8 49.8 74.6

51 32.0 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 16.89 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.00 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

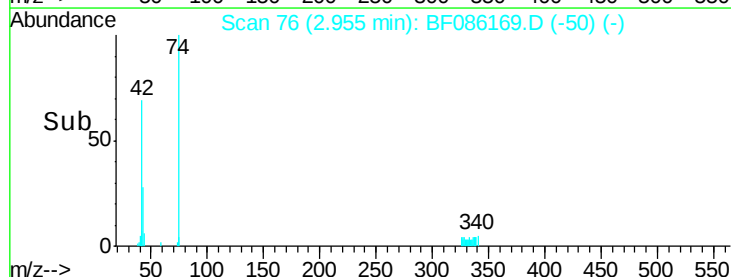
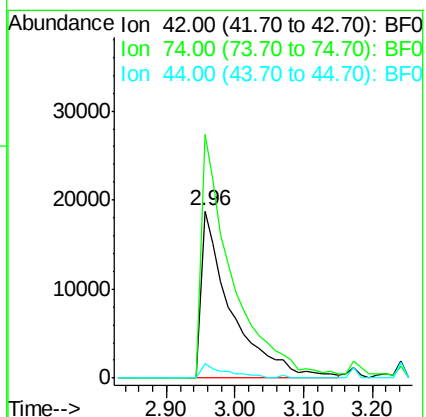
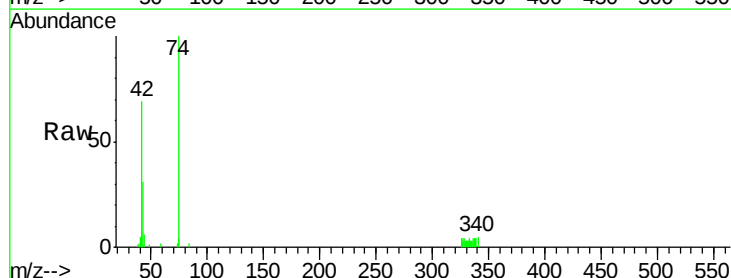
Tgt Ion: 42 Resp: 56700

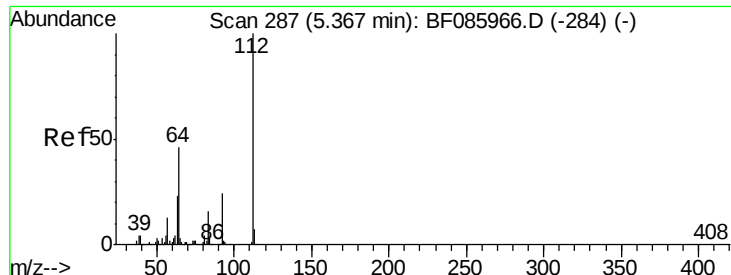
Ion Ratio Lower Upper

42 100

74 145.4 121.4 182.2

44 8.3 5.6 8.4





#5

2-Fluorophenol

Concen: 129.83 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

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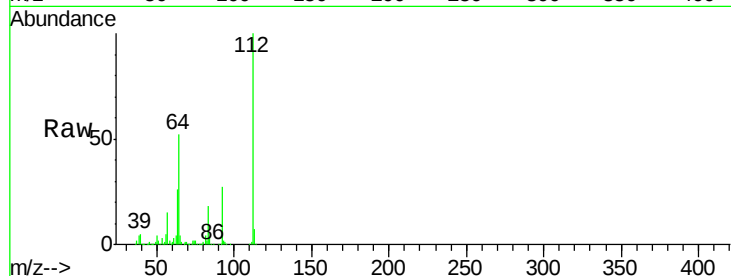
Tgt Ion: 112 Resp: 934032

Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

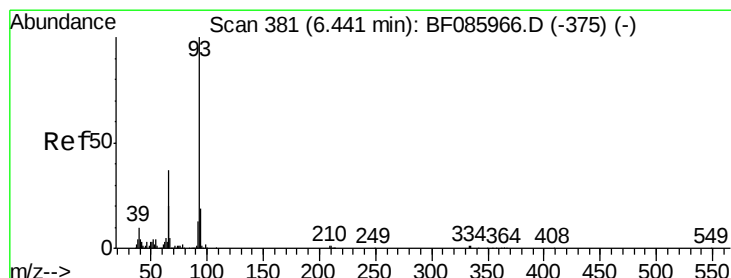
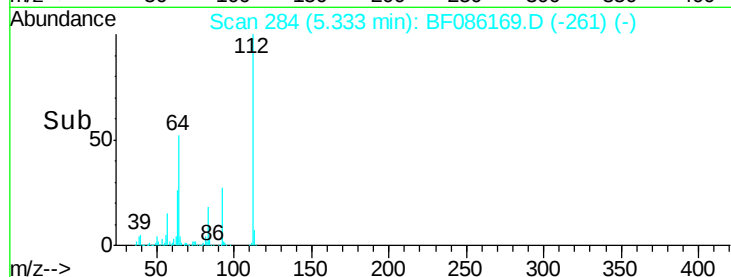
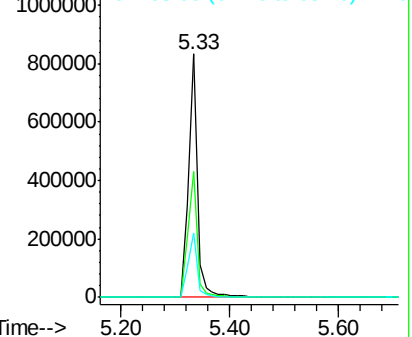
63 26.2 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.65 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

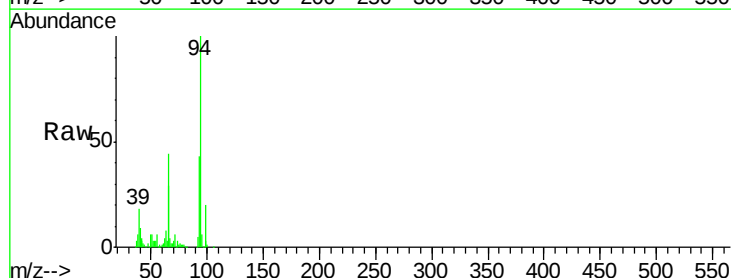
Tgt Ion: 93 Resp: 79690

Ion Ratio Lower Upper

93 100

66 103.7 31.4 47.2#

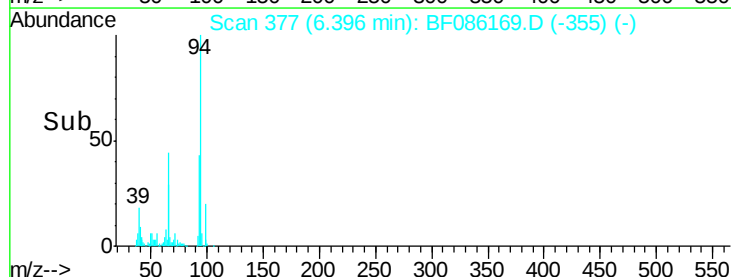
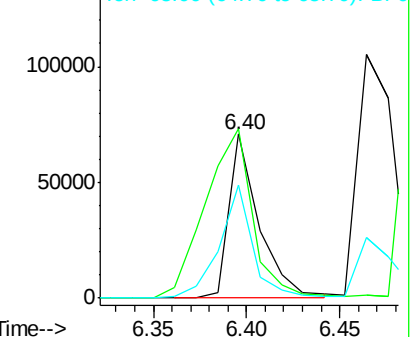
65 68.7 15.7 23.5#

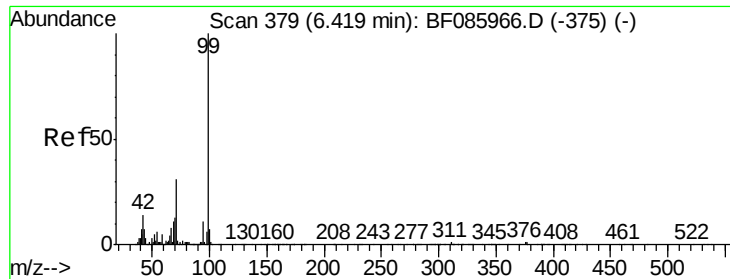


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.77 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

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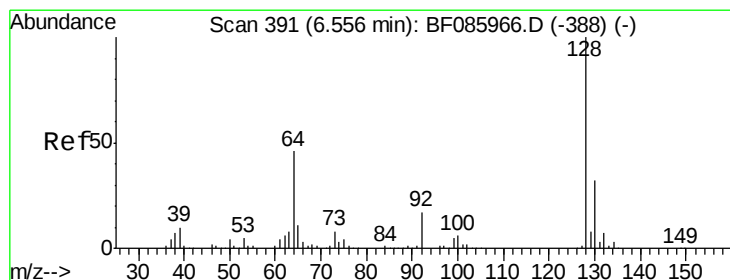
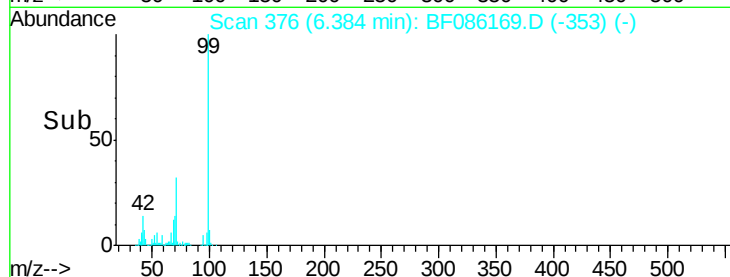
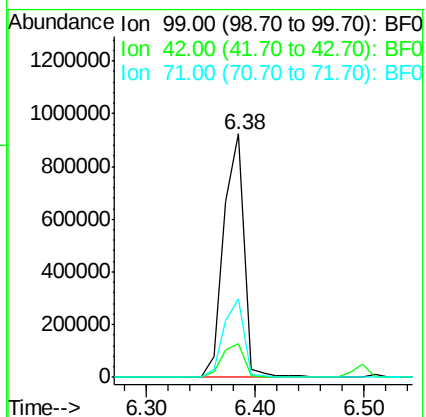
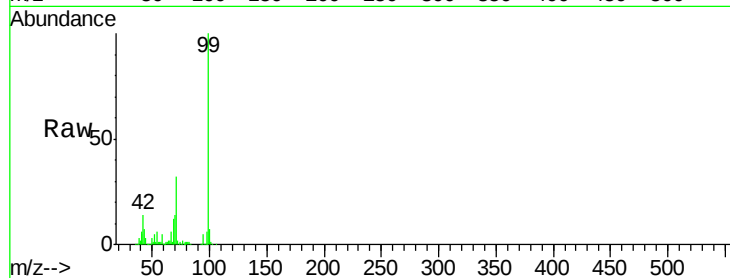
Tgt Ion: 99 Resp: 1194974

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

71 32.2 24.9 37.3



#8

2-Chlorophenol

Concen: 17.42 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

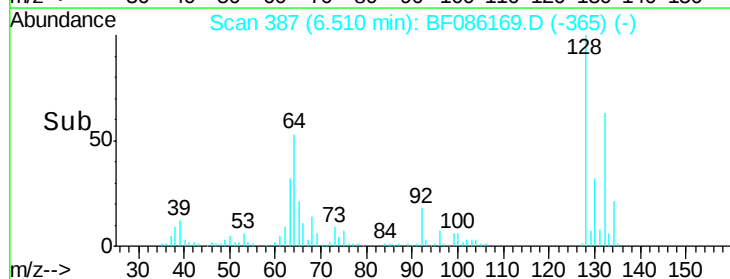
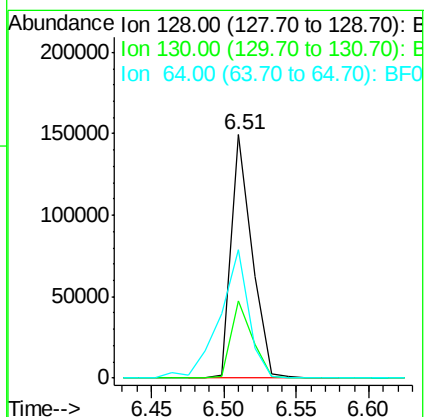
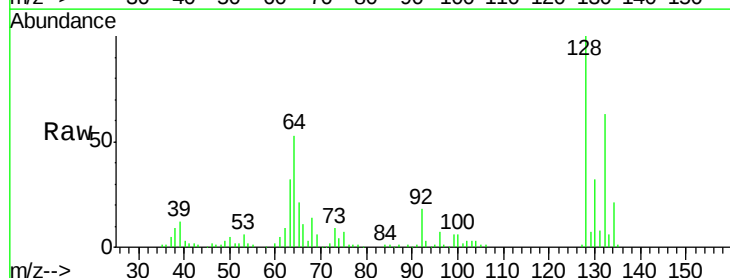
Tgt Ion: 128 Resp: 149439

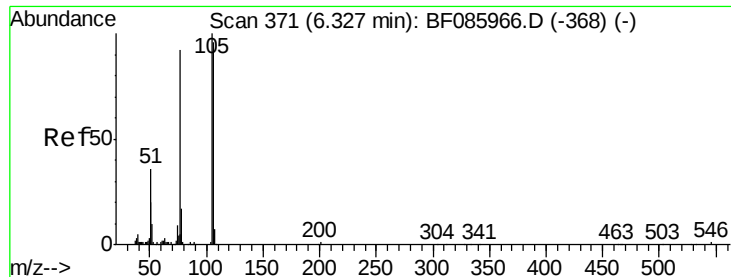
Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

64 52.8 20.2 60.2





#9

Benzaldehyde

Concen: 23.48 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

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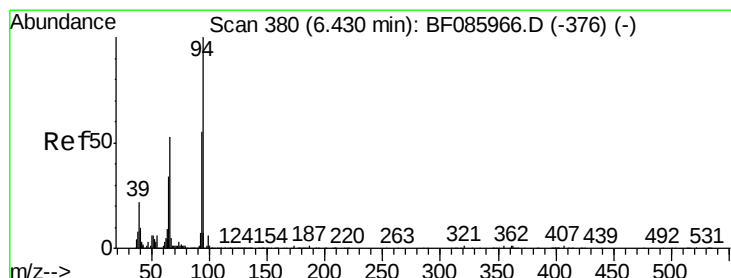
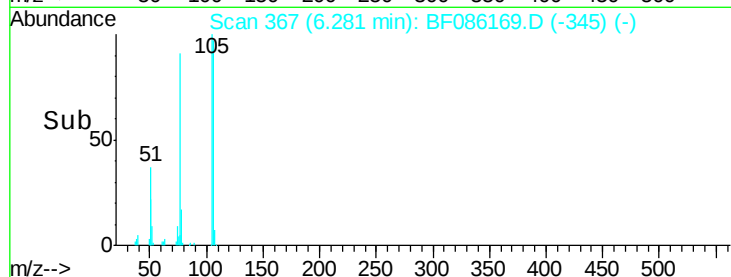
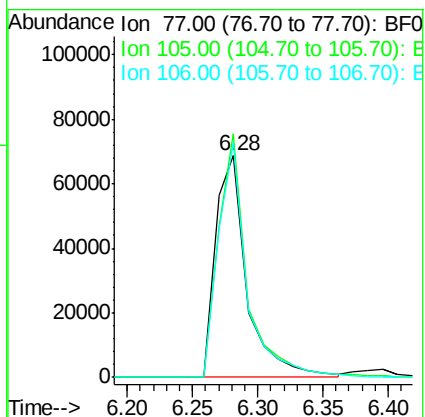
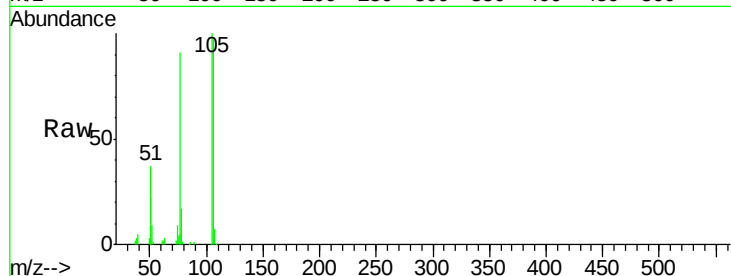
Tgt Ion: 77 Resp: 115472

Ion Ratio Lower Upper

77 100

105 109.8 80.1 120.1

106 106.1 75.0 115.0



#10

Phenol

Concen: 15.92 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

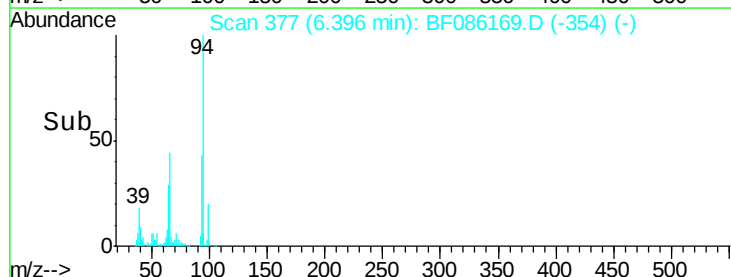
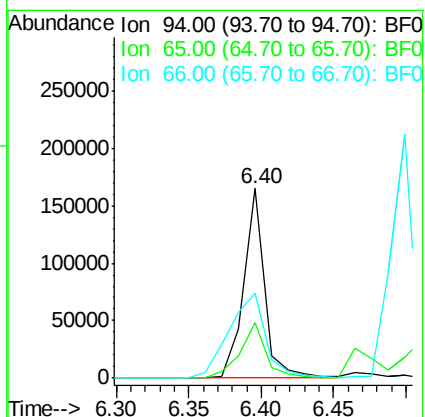
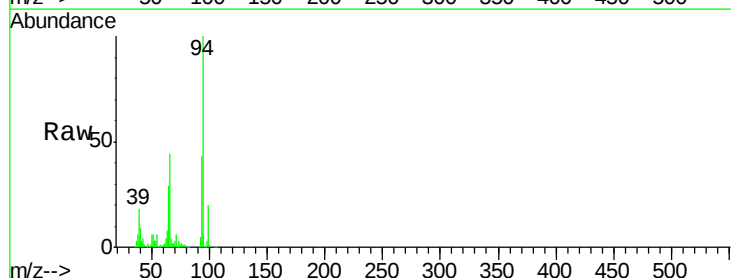
Tgt Ion: 94 Resp: 165952

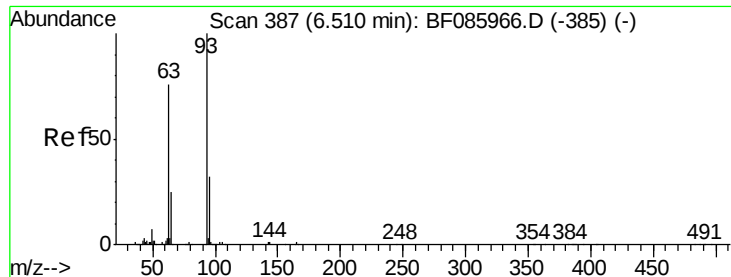
Ion Ratio Lower Upper

94 100

65 29.5 8.6 48.6

66 44.5 20.0 60.0

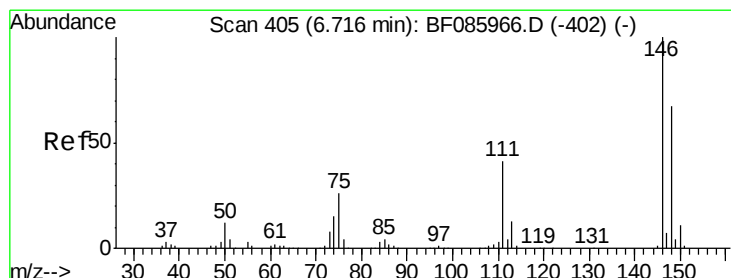
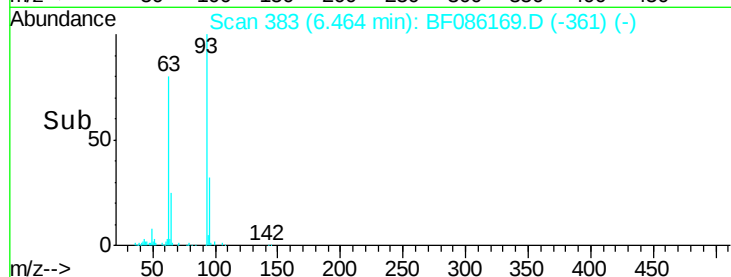
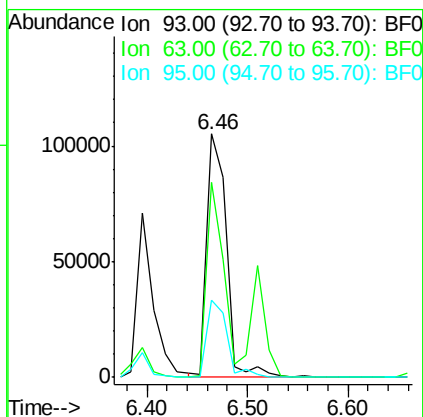
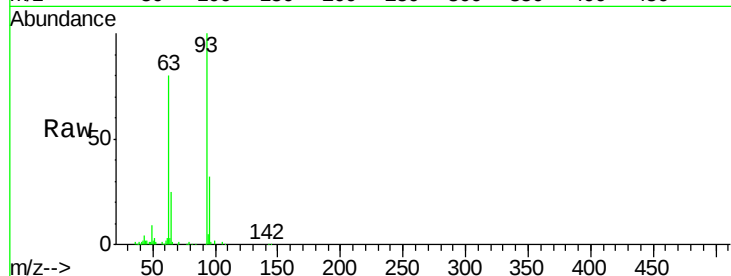




#11
bis(2-Chloroethyl)ether
Concen: 17.27 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

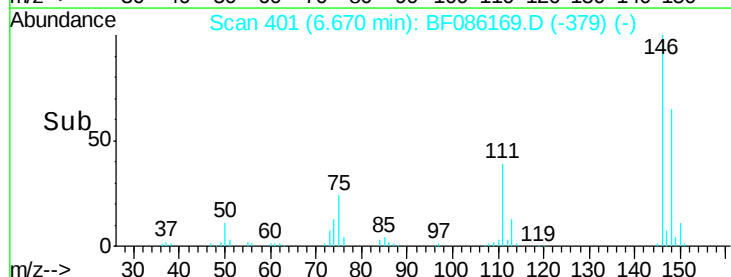
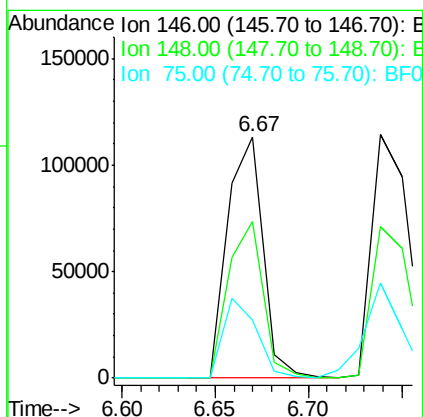
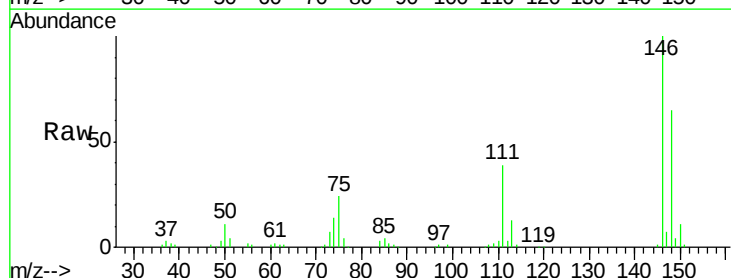
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

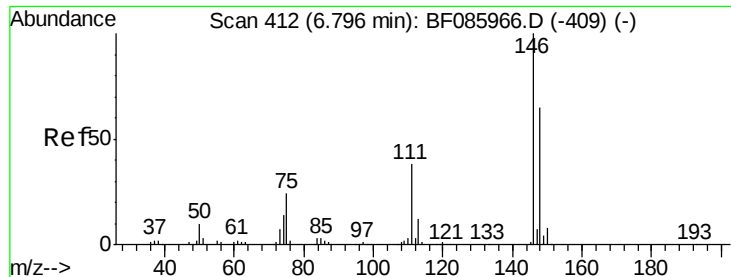
Tgt Ion: 93 Resp: 142523
Ion Ratio Lower Upper
93 100
63 79.8 50.9 90.9
95 31.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 16.57 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion: 146 Resp: 150625
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
75 23.8 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 16.62 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

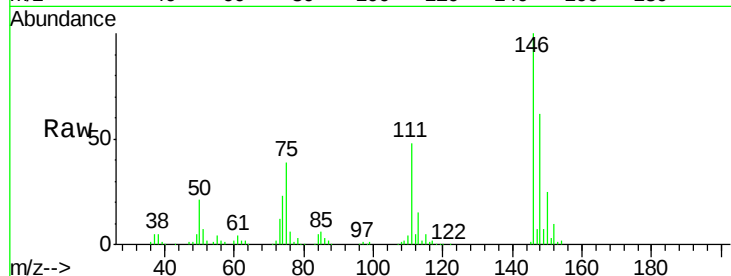
Tgt Ion:146 Resp: 155667

Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

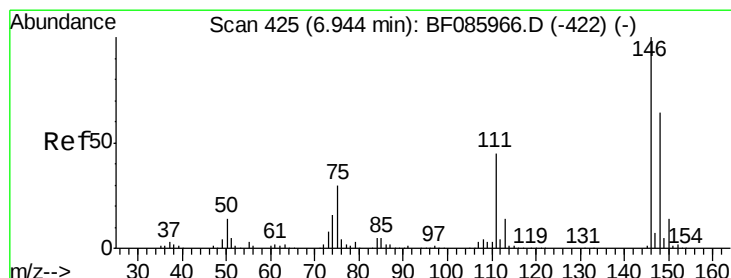
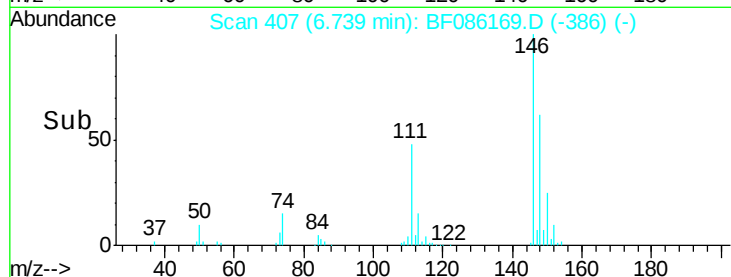
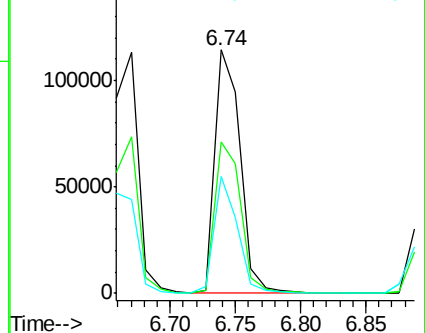
111 48.0 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 16.42 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

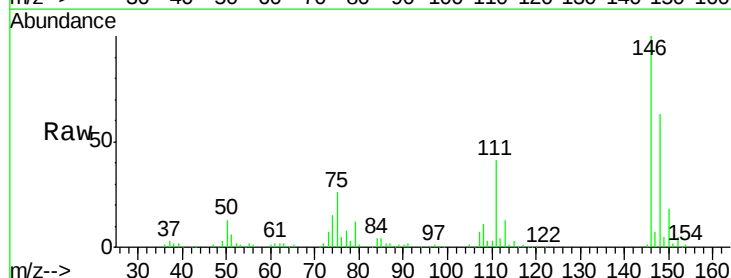
Tgt Ion:146 Resp: 141570

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

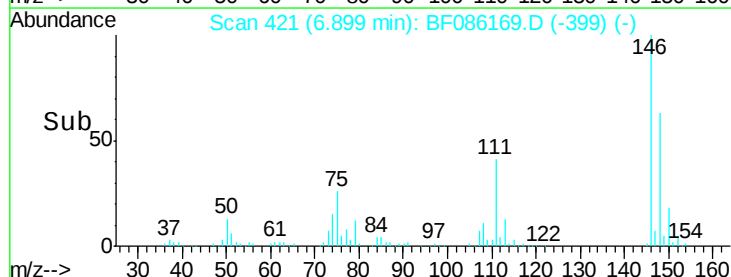
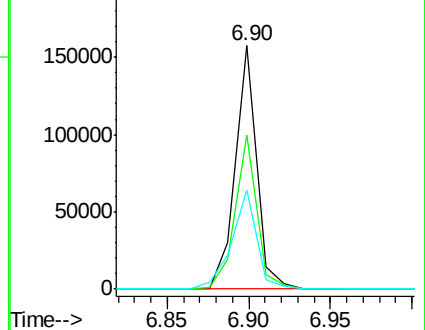
111 40.7 34.6 52.0

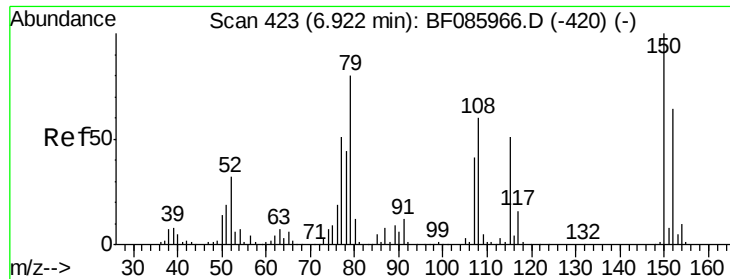


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

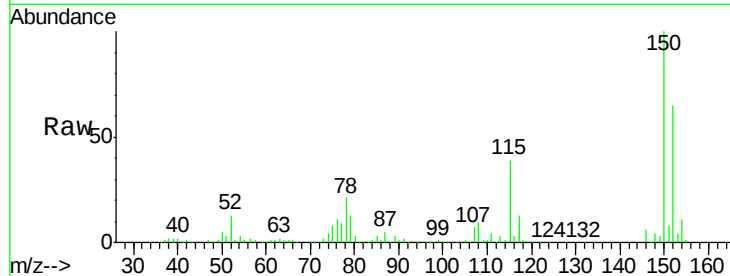




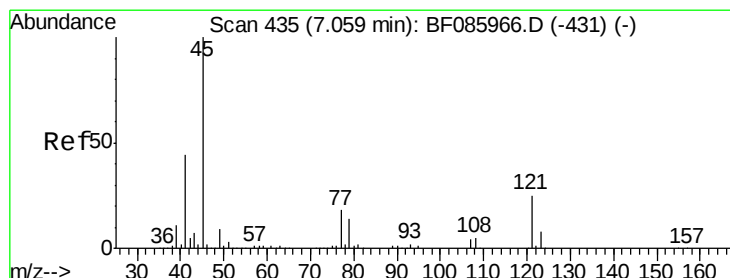
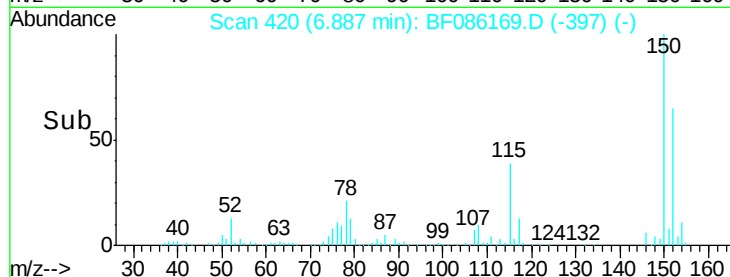
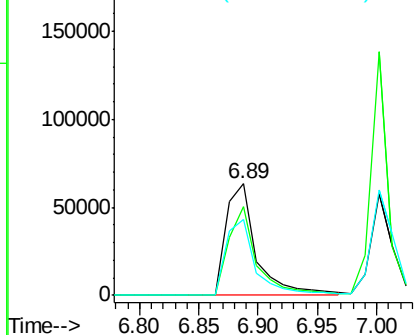
#15
Benzyl Alcohol
Concen: 18.86 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 79 Resp: 111478
Ion Ratio Lower Upper
79 100
108 79.6 61.8 92.6
77 68.2 49.6 74.4

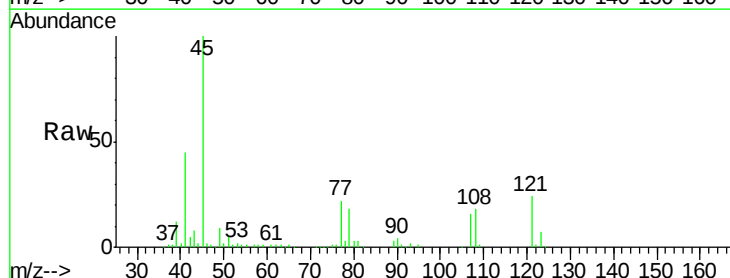


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

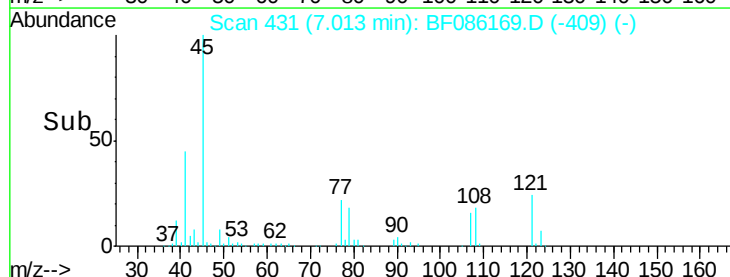
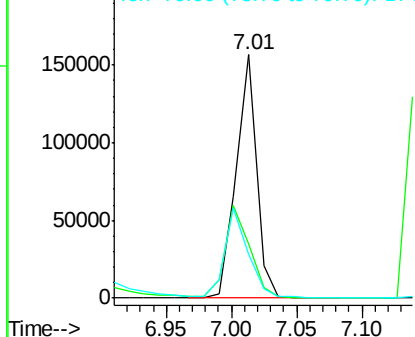


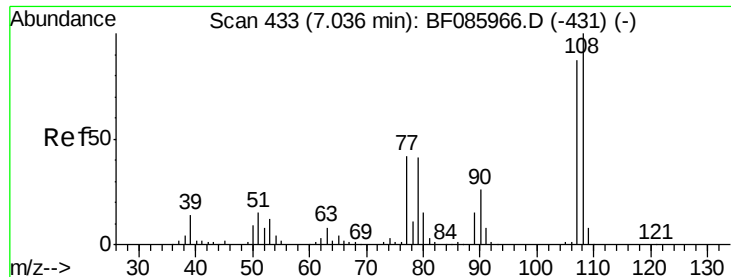
#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.86 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion: 45 Resp: 170037
Ion Ratio Lower Upper
45 100
77 22.2 0.0 35.7
79 18.2 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 17.97 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:107 Resp: 121581

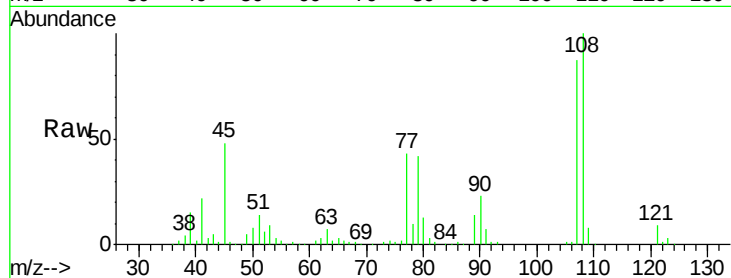
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 49.4 36.2 54.2

79 47.7 35.8 53.8



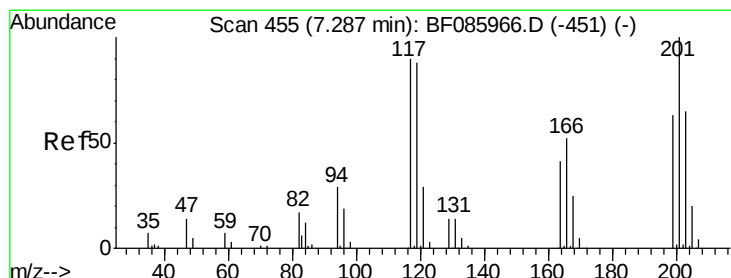
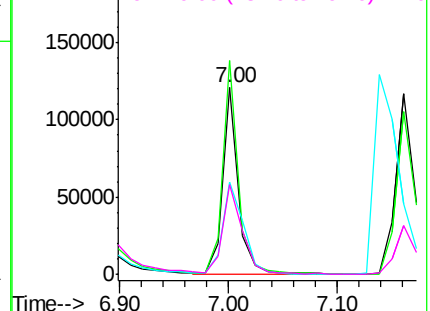
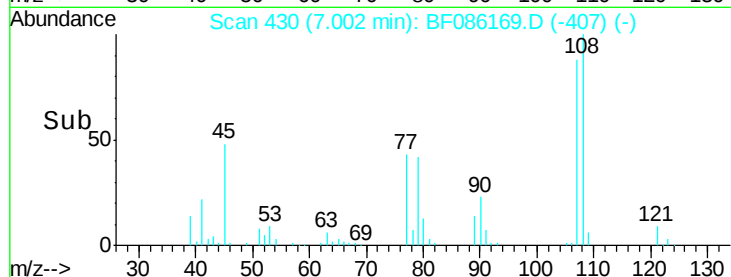
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 16.71 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

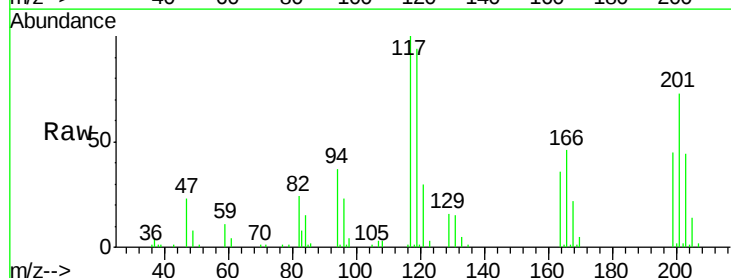
Tgt Ion:117 Resp: 57593

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

201 72.6 83.3 124.9#

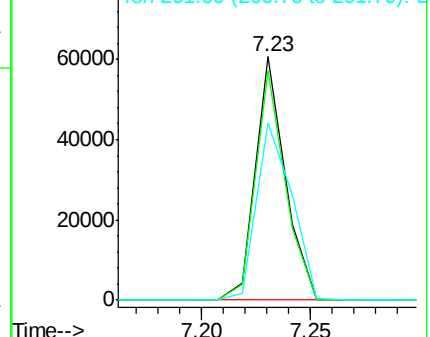
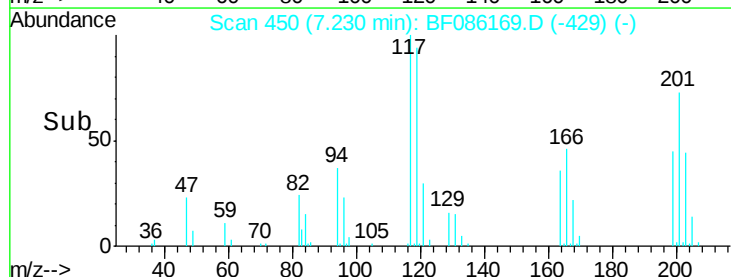


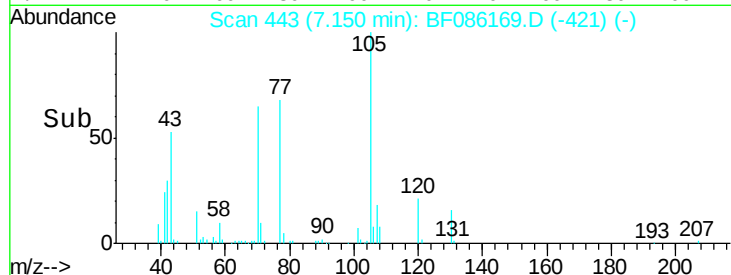
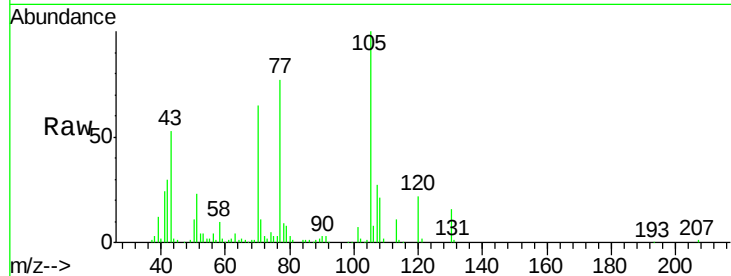
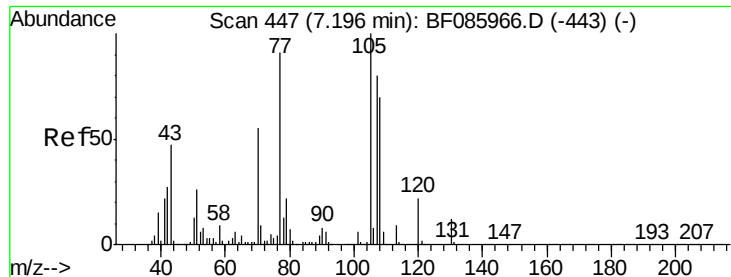
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

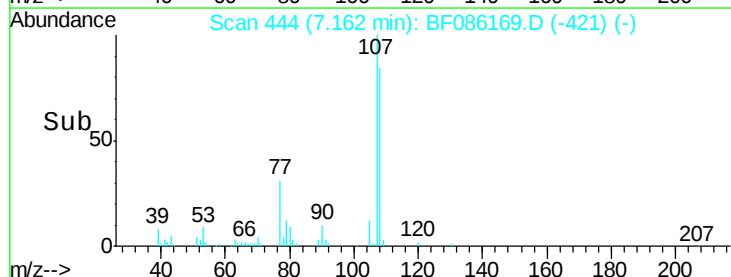
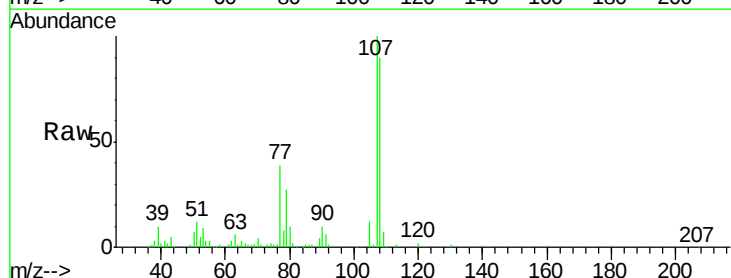
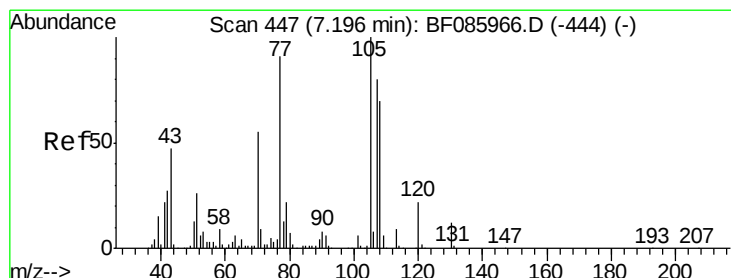
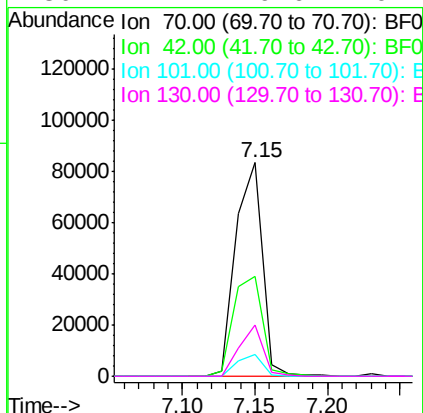




#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

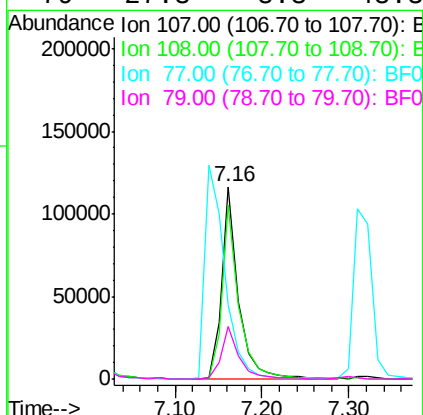
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

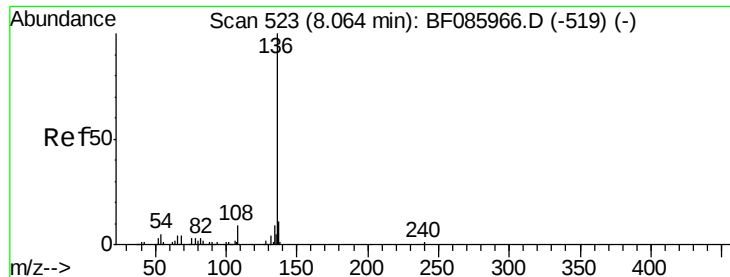
Tgt Ion:	70	Resp:	106789
Ion	Ratio	Lower	Upper
70	100		
42	46.7	37.1	55.7
101	10.1	8.6	12.8
130	24.1	19.6	29.4



#20
3+4-Methylphenols
Concen: 19.37 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:	107	Resp:	159337
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.3	109.3
77	38.9	101.7	141.7#
79	27.3	8.3	48.3

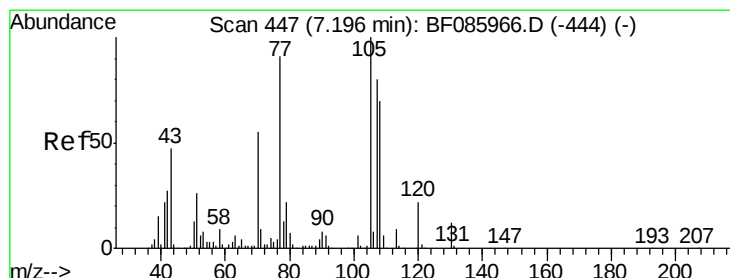
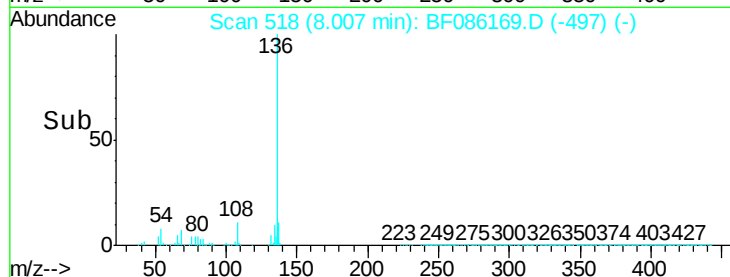
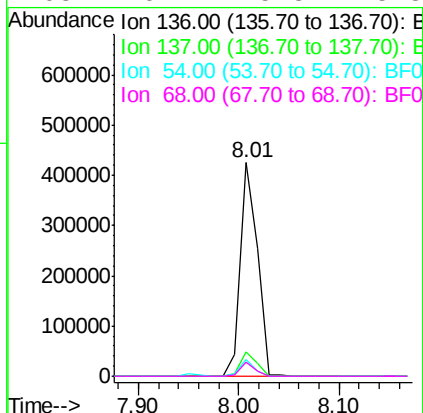
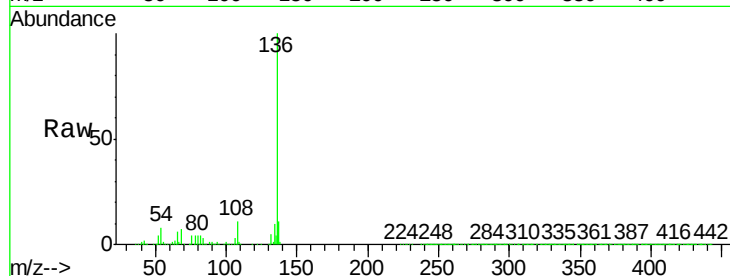




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

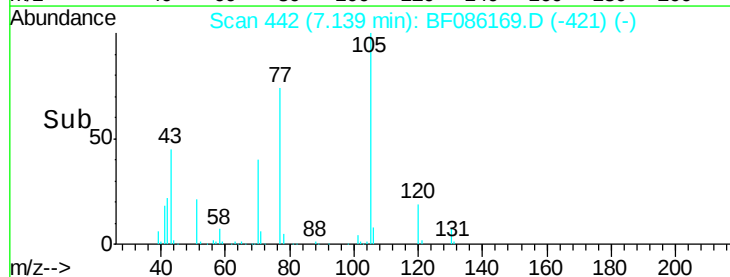
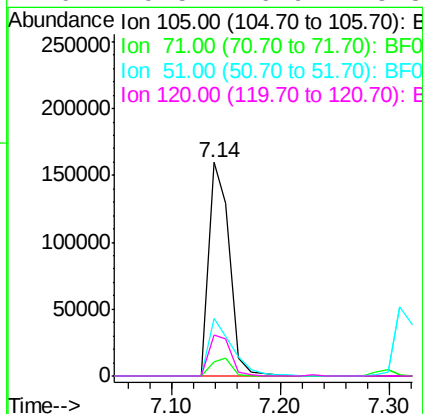
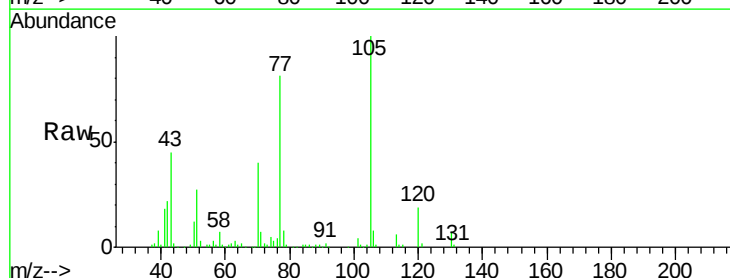
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

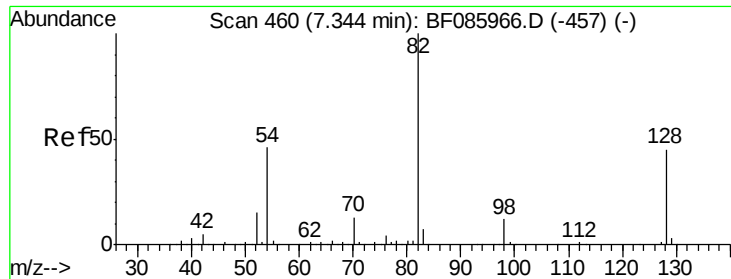
Tgt Ion:	136	Resp:	503707
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	7.4	11.0
68	6.7	5.8	8.8



#22
Acetophenone
Concen: 17.93 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:	105	Resp:	212317
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.6	5.4#
51	27.2	25.4	38.0
120	19.5	16.9	25.3

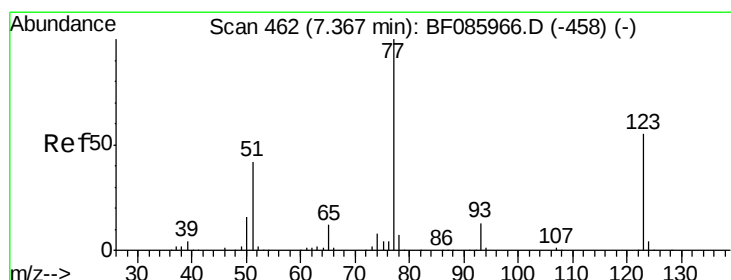
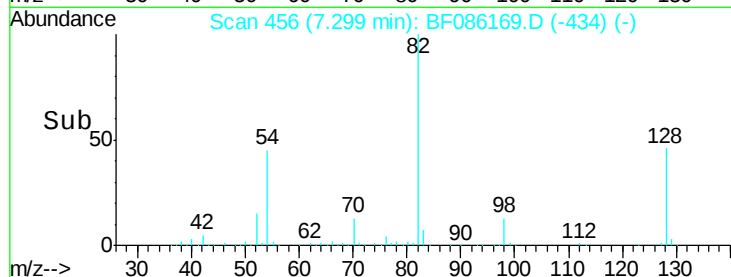
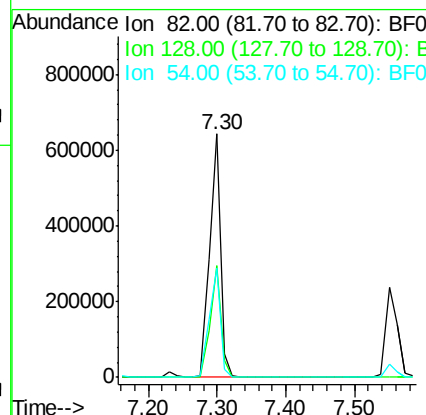
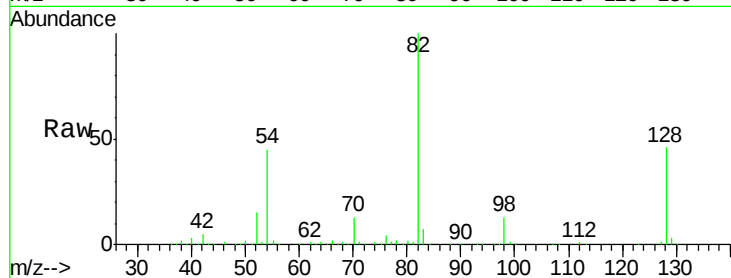




#23
 Nitrobenzene-d5
 Concen: 83.02 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

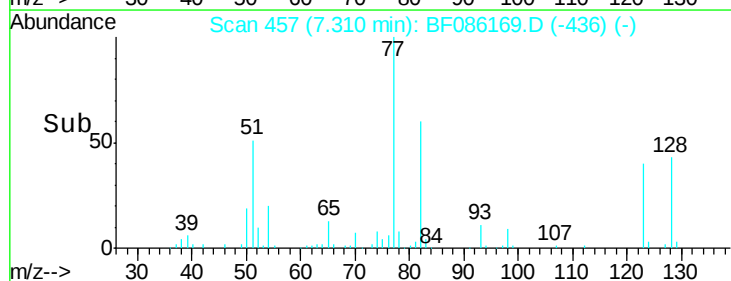
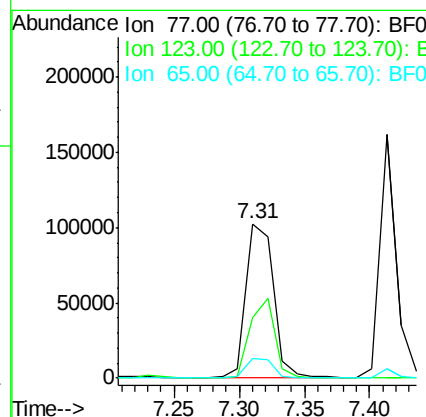
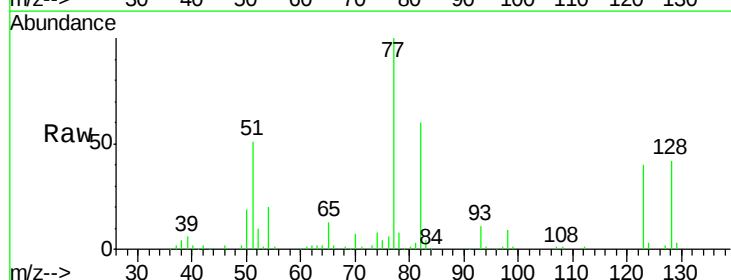
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

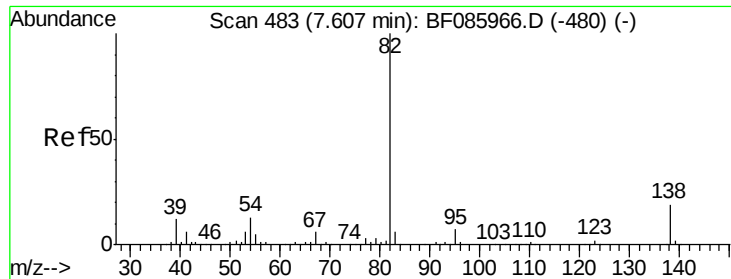
Tgt Ion: 82 Resp: 709095
 Ion Ratio Lower Upper
 82 100
 128 46.0 41.8 62.8
 54 44.7 33.4 50.0



#24
 Nitrobenzene
 Concen: 15.92 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion: 77 Resp: 148784
 Ion Ratio Lower Upper
 77 100
 123 39.5 35.0 52.4
 65 13.0 10.6 16.0

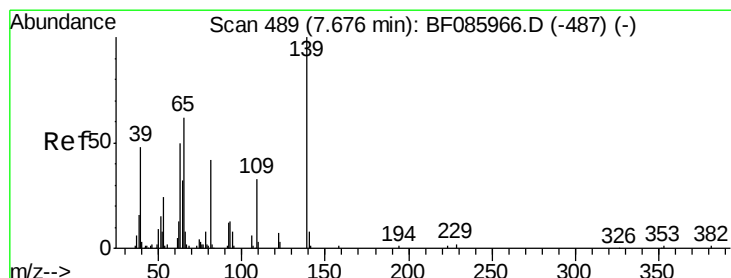
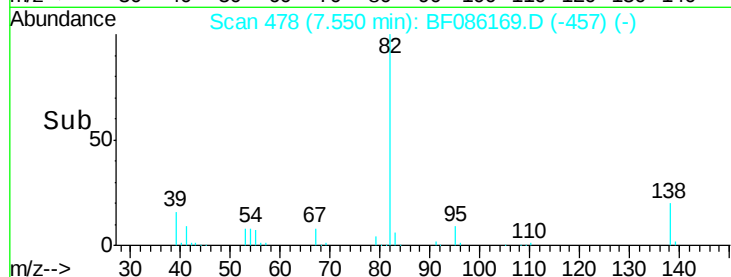
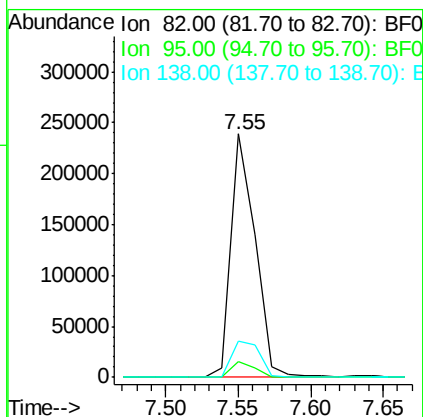
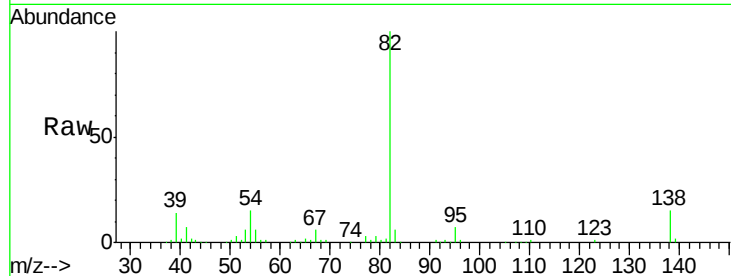




#25
Isophorone
Concen: 16.47 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

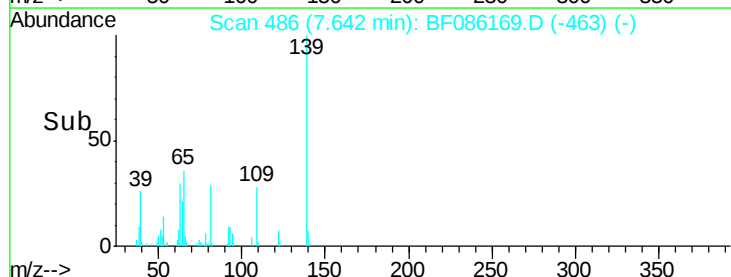
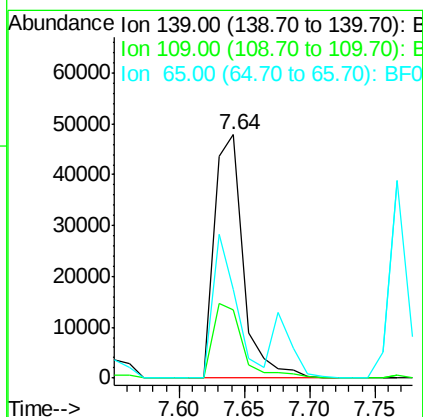
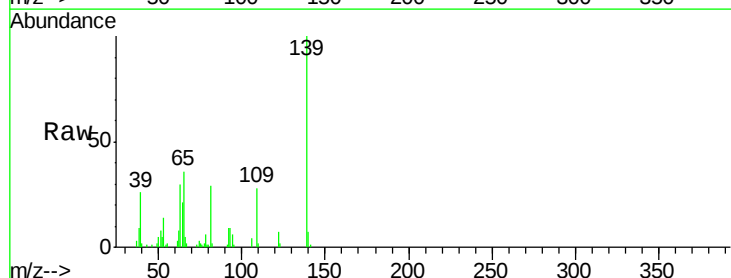
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

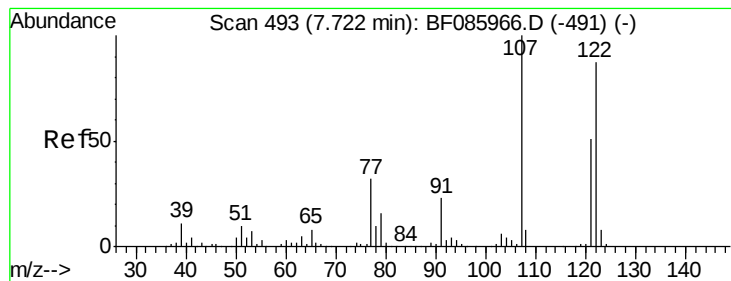
Tgt Ion: 82 Resp: 277633
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 15.0 12.9 19.3



#26
2-Nitrophenol
Concen: 16.58 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion: 139 Resp: 74119
Ion Ratio Lower Upper
139 100
109 28.0 22.1 33.1
65 36.2 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 16.00 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

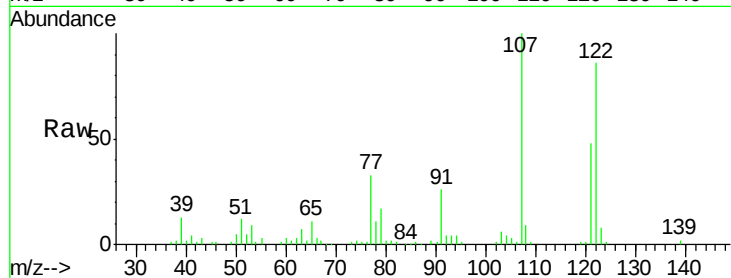
Tgt Ion:122 Resp: 128470

Ion Ratio Lower Upper

122 100

107 116.8 93.0 139.6

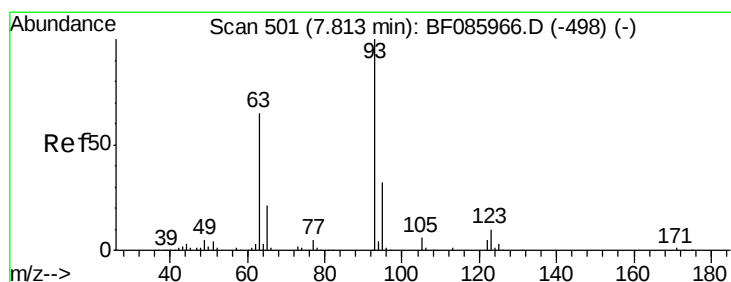
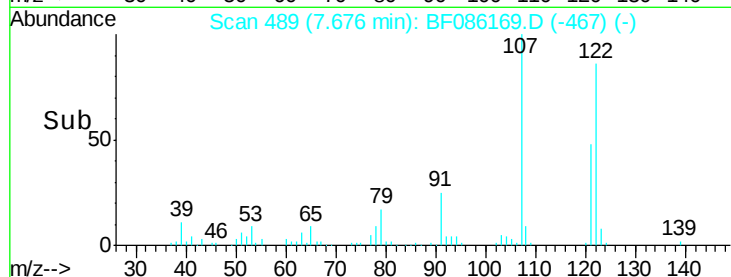
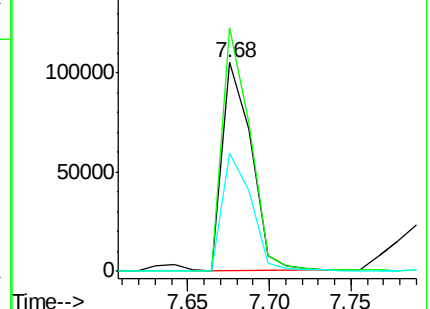
121 56.6 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 18.26 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

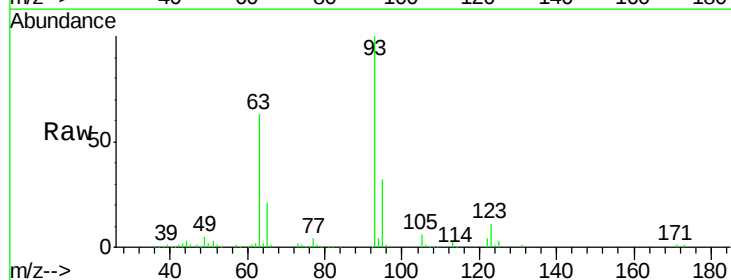
Tgt Ion: 93 Resp: 180673

Ion Ratio Lower Upper

93 100

95 31.8 26.4 39.6

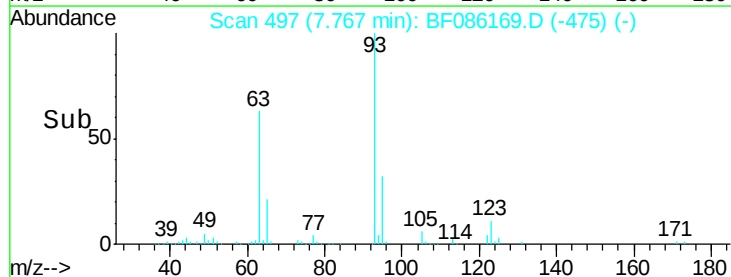
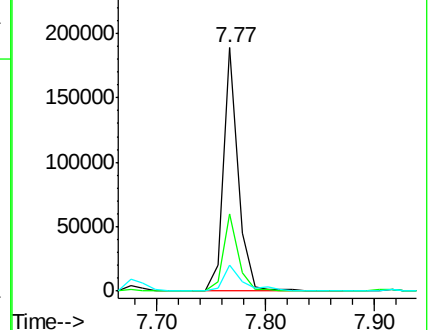
123 10.6 9.8 14.6

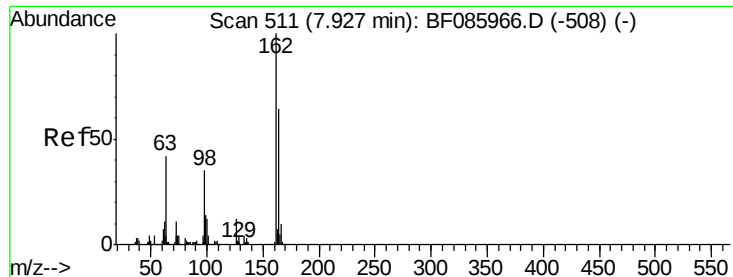


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

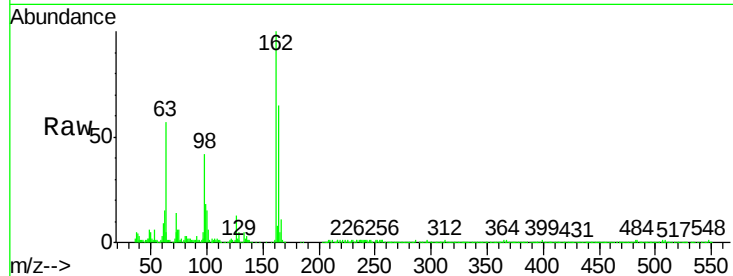




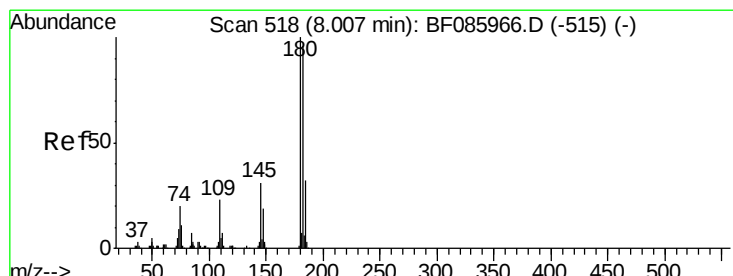
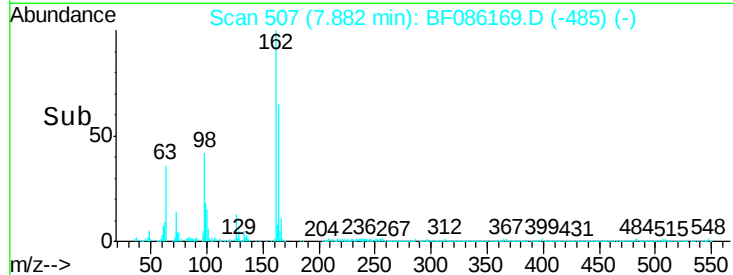
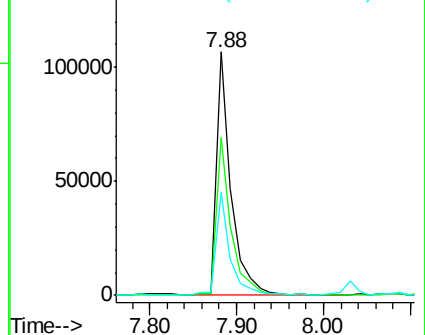
#29
 2,4-Dichlorophenol
 Concen: 18.70 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:162 Resp: 126953
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.7 83.7
 98 42.3 20.4 60.4

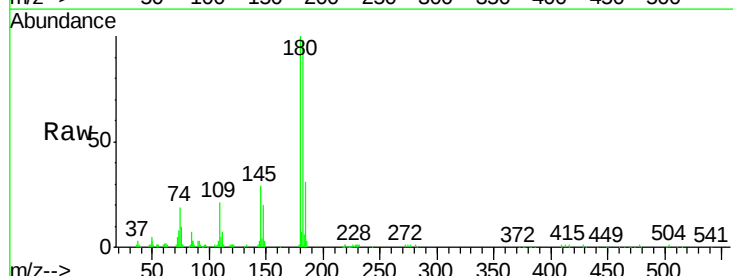


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

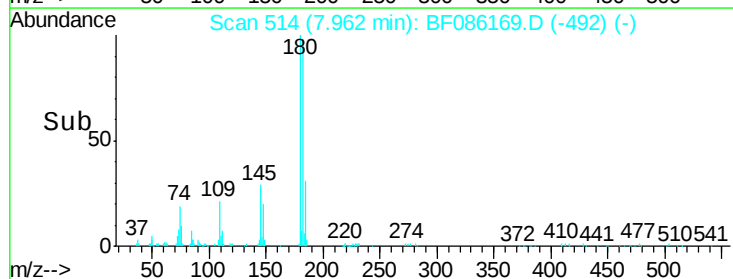
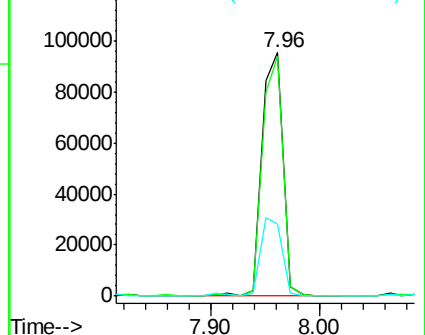


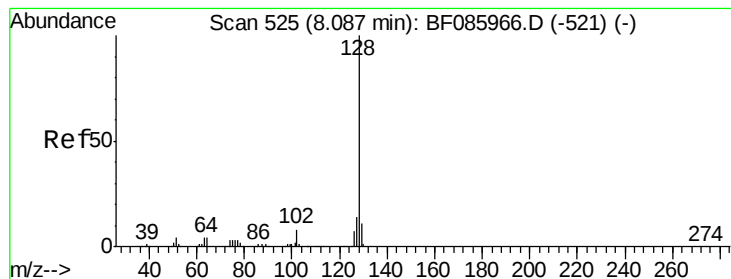
#30
 1,2,4-Trichlorobenzene
 Concen: 16.94 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:180 Resp: 129055
 Ion Ratio Lower Upper
 180 100
 182 98.2 73.8 110.8
 145 29.4 28.4 42.6



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: 16.91 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

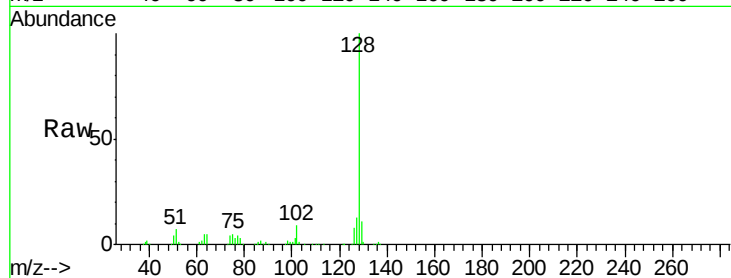
Tgt Ion:128 Resp: 428327

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

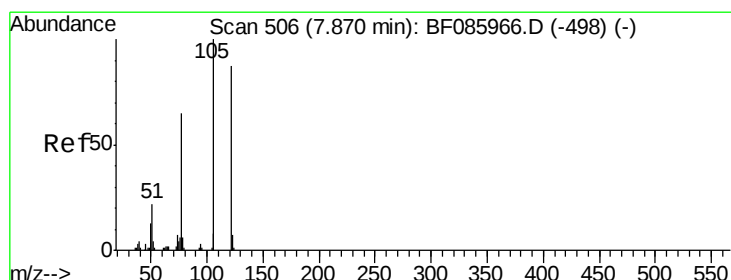
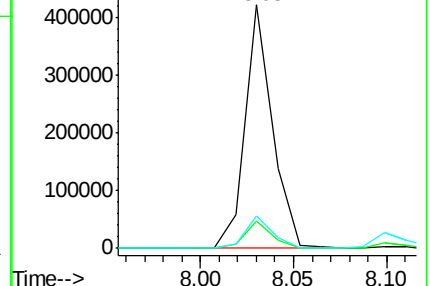
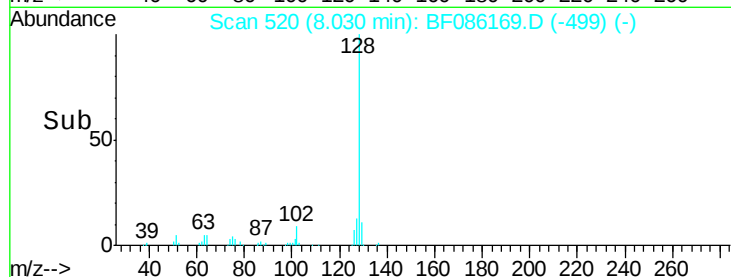
127 13.2 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.92 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

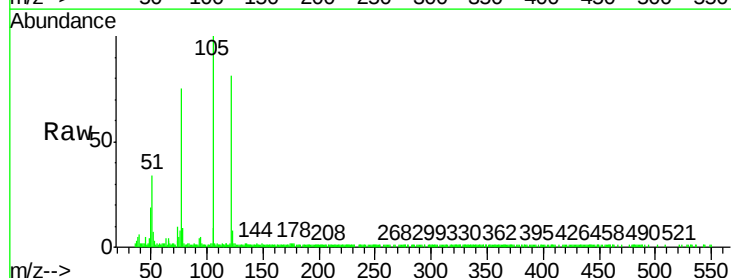
Tgt Ion:122 Resp: 70194

Ion Ratio Lower Upper

122 100

105 123.4 102.9 142.9

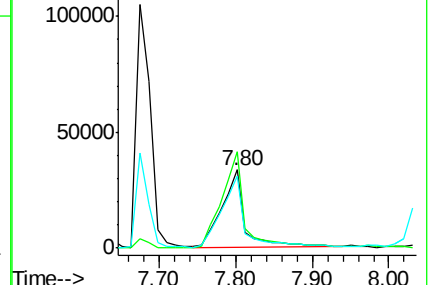
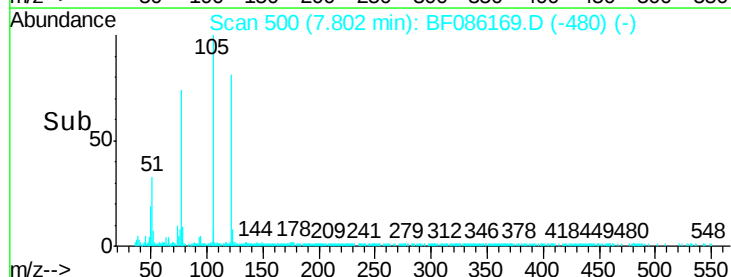
77 92.4 71.8 111.8

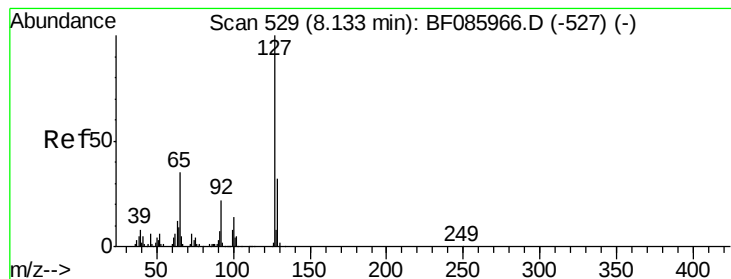


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.95 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:127 Resp: 40405

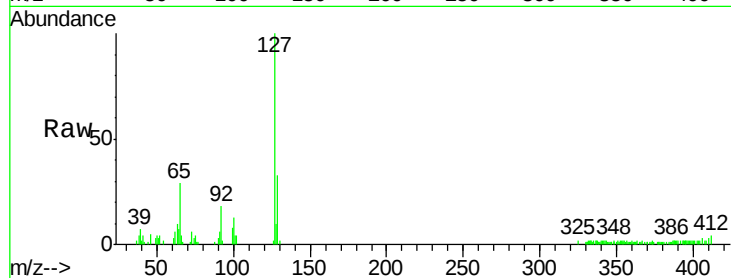
Ion Ratio Lower Upper

127 100

129 33.4 26.1 39.1

65 28.9 19.5 29.3

92 17.5 14.6 22.0

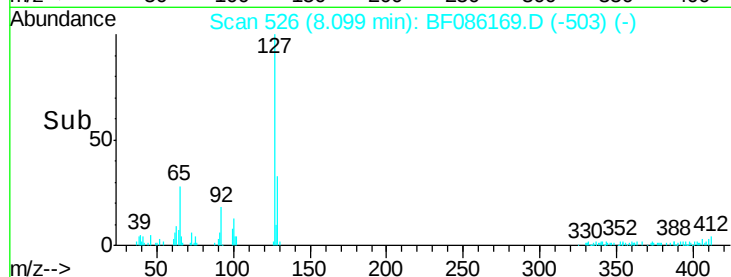


Abundance Ion 127.00 (126.70 to 127.70): E

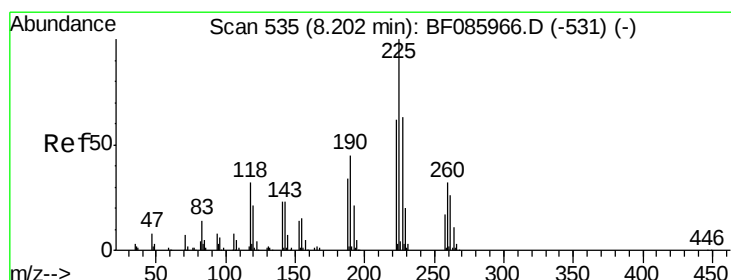
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 15.85 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

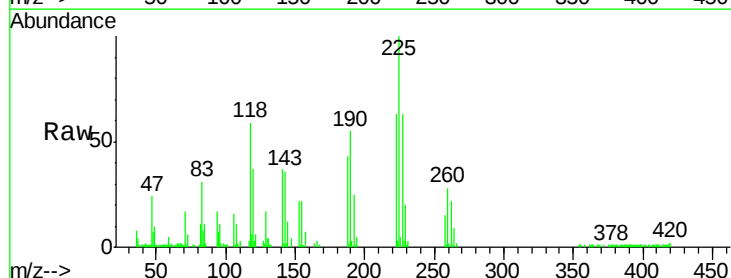
Tgt Ion:225 Resp: 64939

Ion Ratio Lower Upper

225 100

223 63.2 50.4 75.6

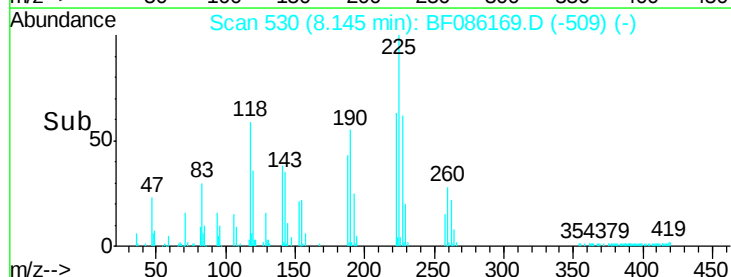
227 62.5 51.4 77.2



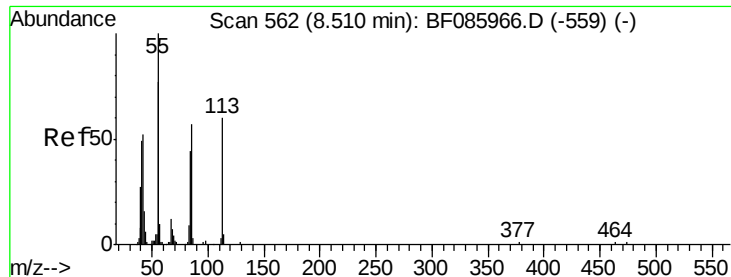
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 19.77 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

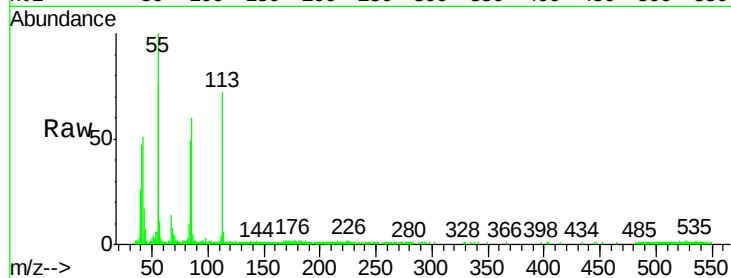
Tgt Ion:113 Resp: 42568

Ion Ratio Lower Upper

113 100

55 138.7 139.4 179.4#

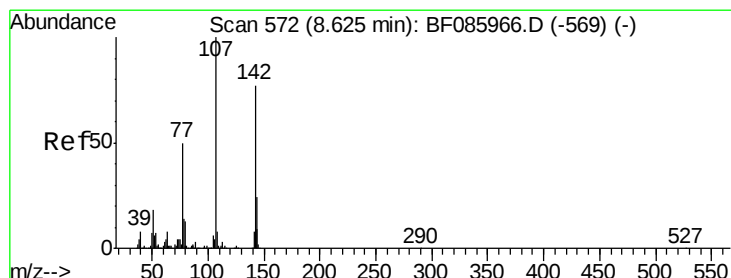
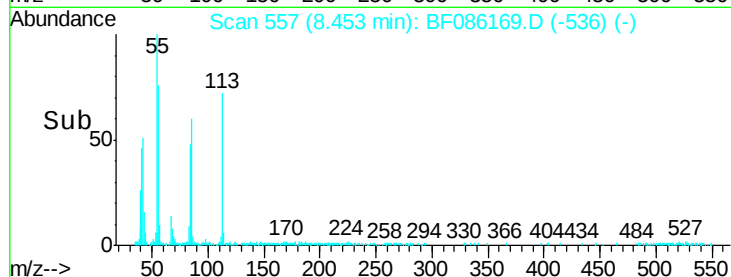
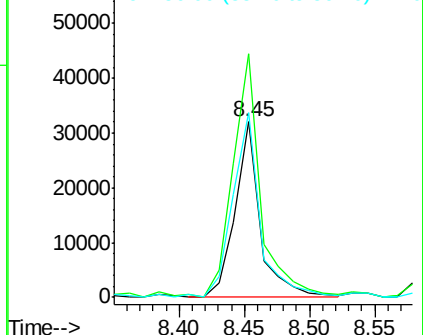
56 105.4 100.4 140.4



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: 17.54 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

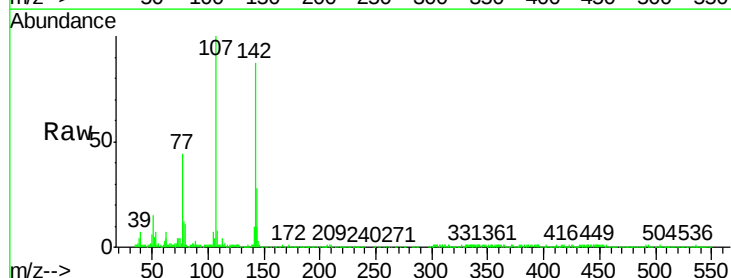
Tgt Ion:107 Resp: 133871

Ion Ratio Lower Upper

107 100

144 27.6 19.3 28.9

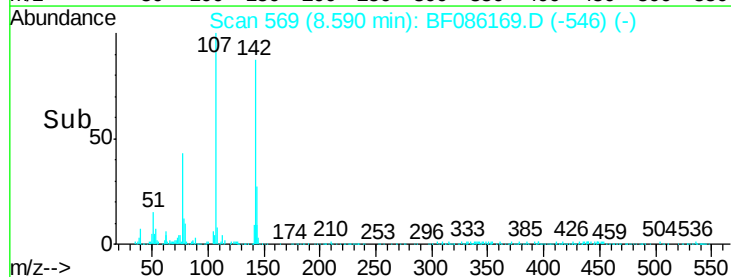
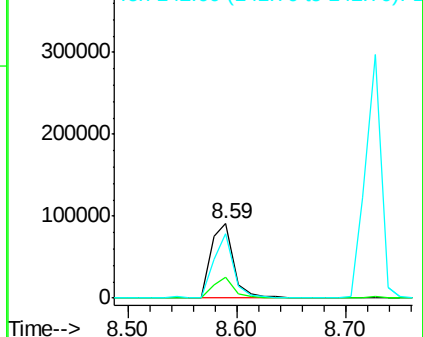
142 87.3 61.4 92.0

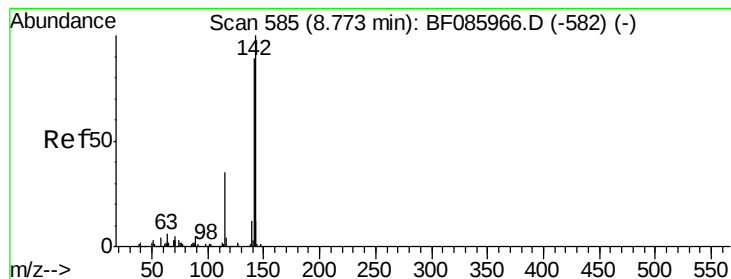


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 18.28 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

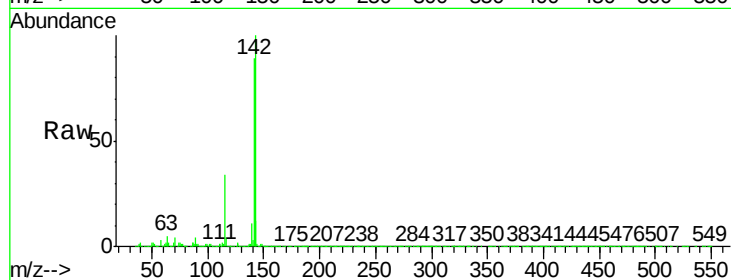
Tgt Ion:142 Resp: 302532

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4

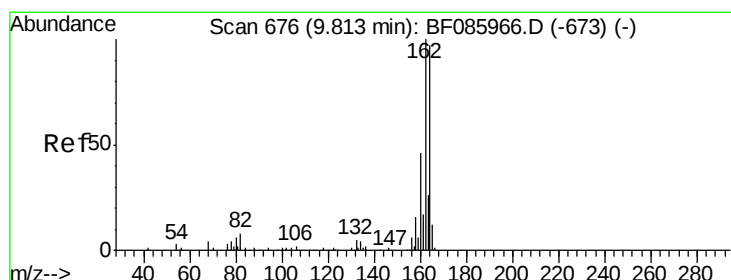
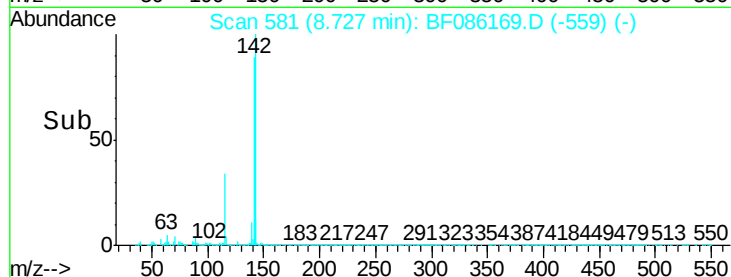
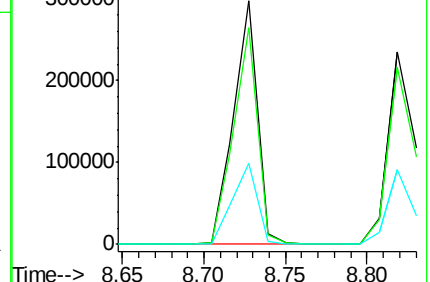
115 33.5 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

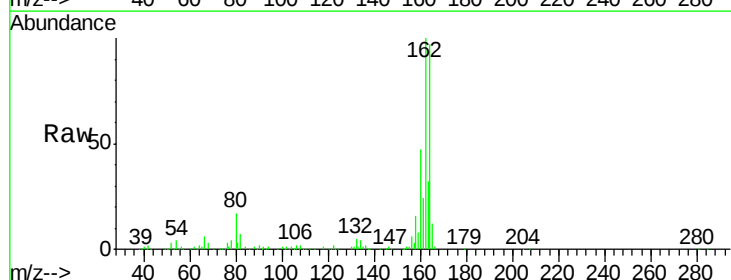
Tgt Ion:164 Resp: 248392

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

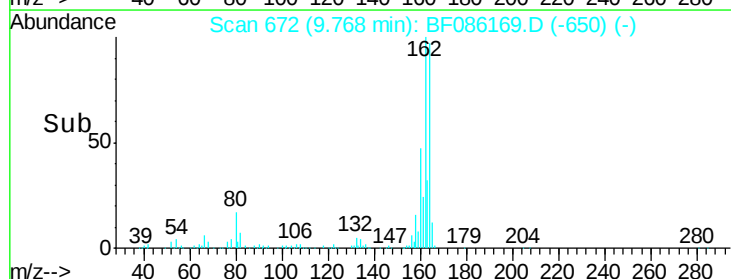
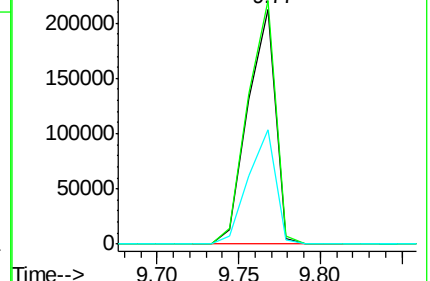
160 48.6 37.4 56.2

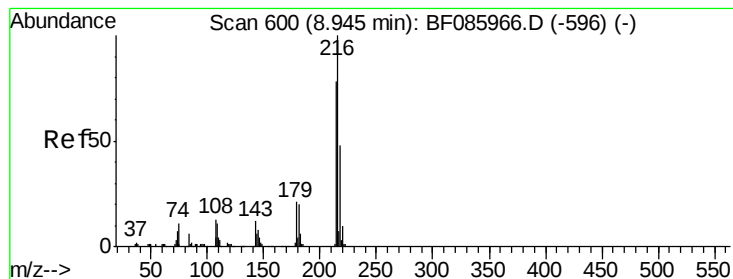


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 15.59 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:216 Resp: 116399

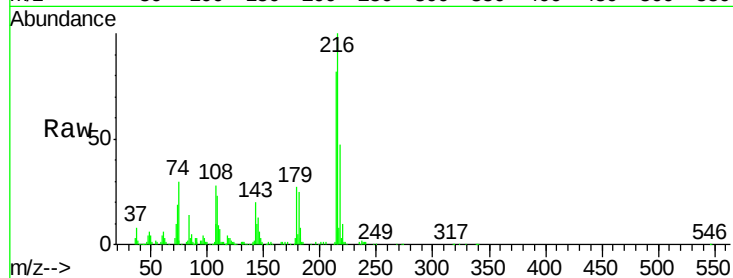
Ion Ratio Lower Upper

216 100

214 80.0 63.1 94.7

179 24.4 18.2 27.2

108 22.4 17.3 25.9

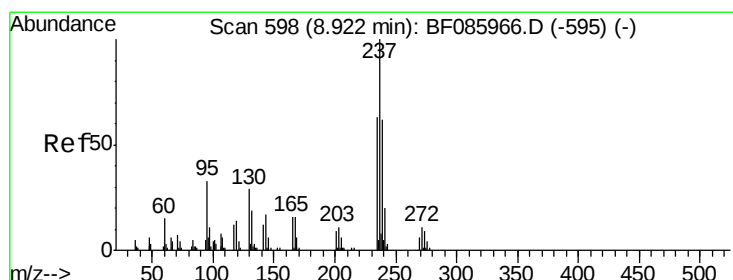
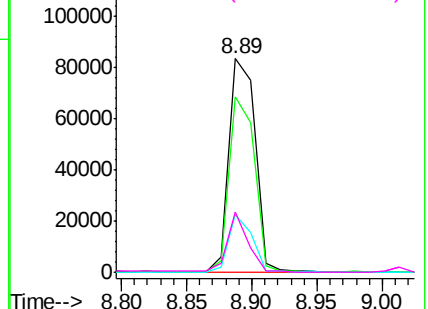
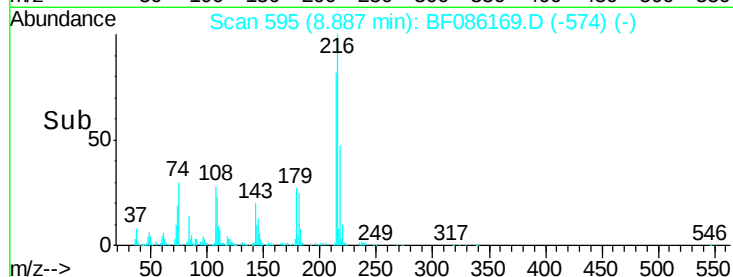


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.03 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

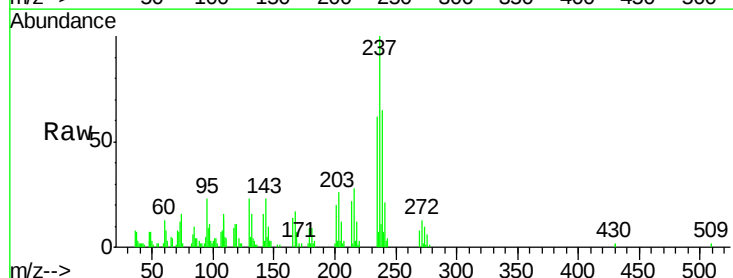
Tgt Ion:237 Resp: 18013

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

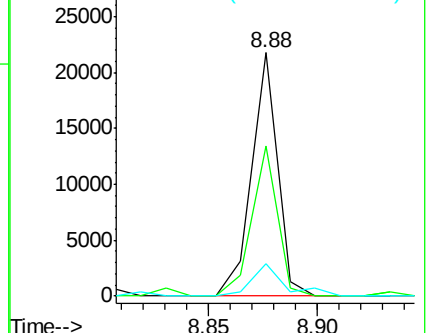
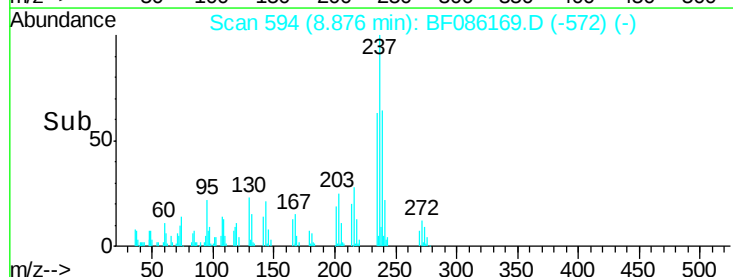
272 13.4 0.0 31.9

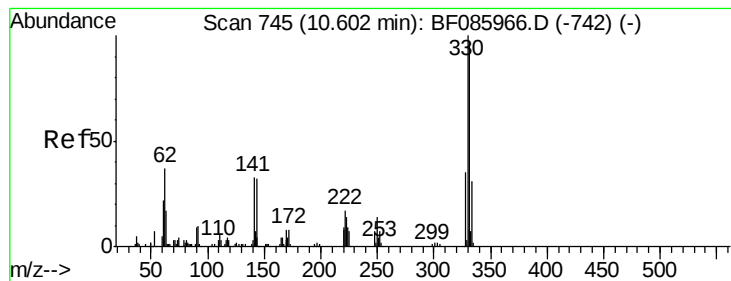


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.75 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

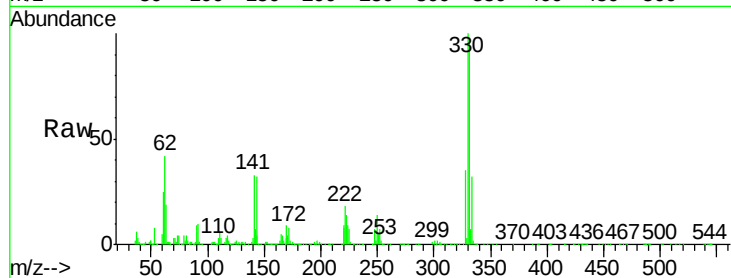
Tgt Ion:330 Resp: 288510

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

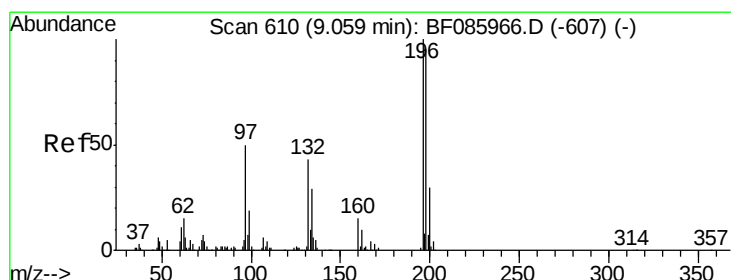
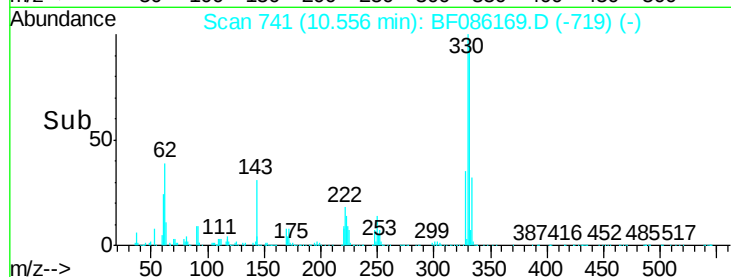
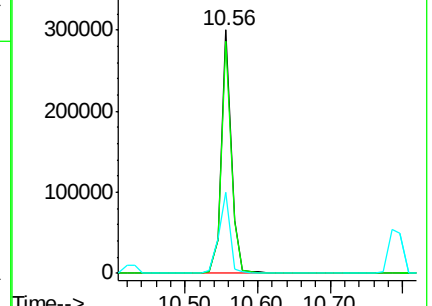
141 36.9 31.5 47.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 16.98 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

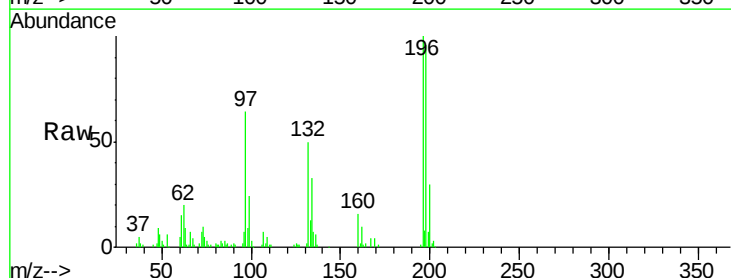
Tgt Ion:196 Resp: 81380

Ion Ratio Lower Upper

196 100

198 96.3 75.3 112.9

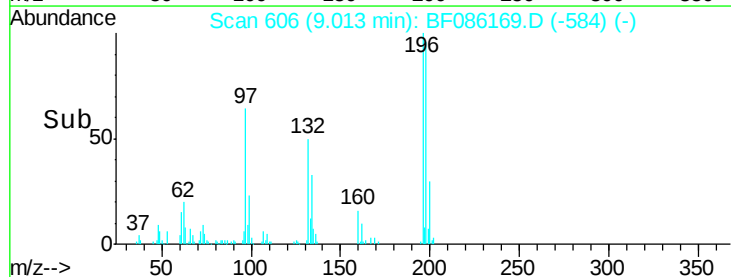
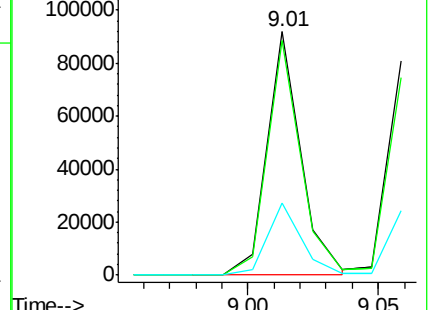
200 29.8 23.7 35.5

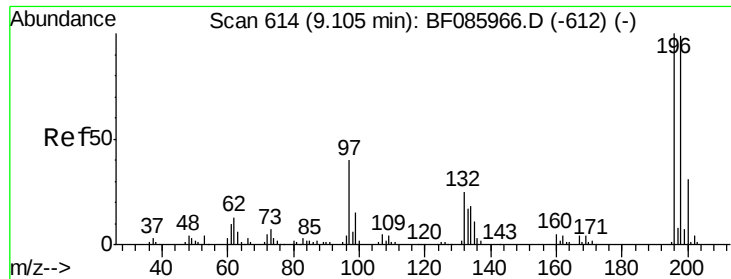


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

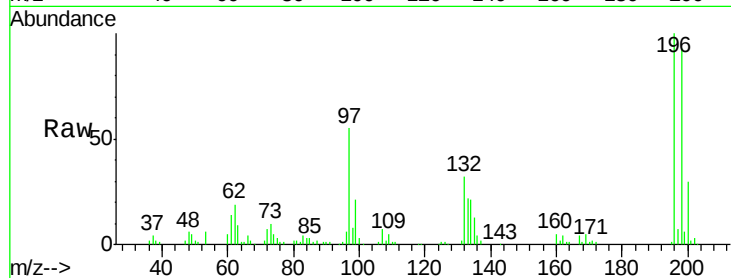




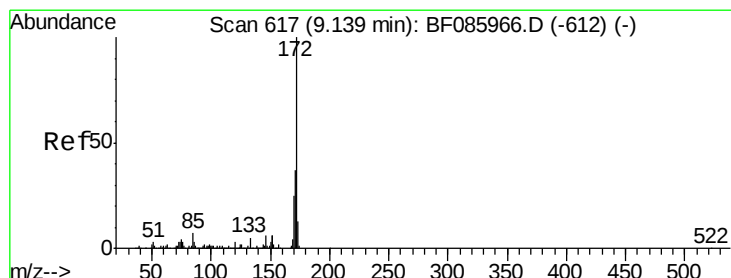
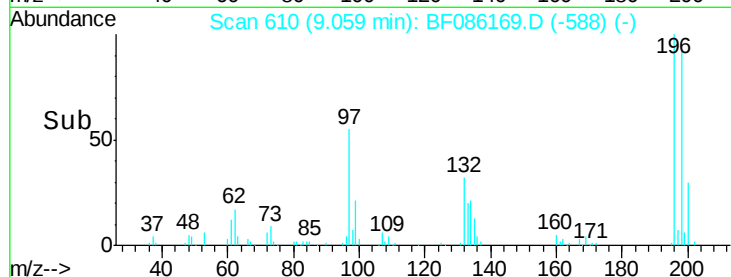
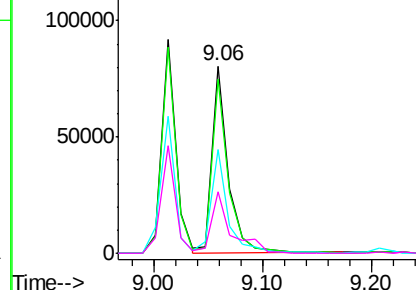
#43
 2,4,5-Trichlorophenol
 Concen: 17.23 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 83878
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.6 114.8
 97 55.4 30.5 45.7#
 132 32.5 20.2 30.2#

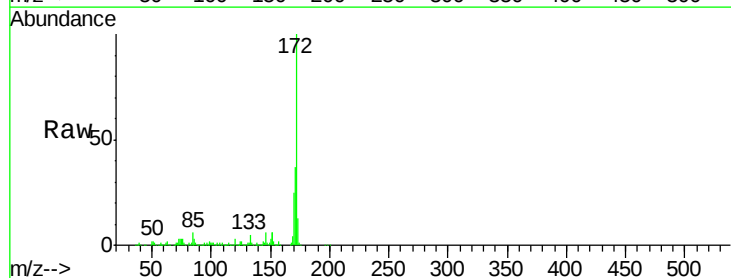


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

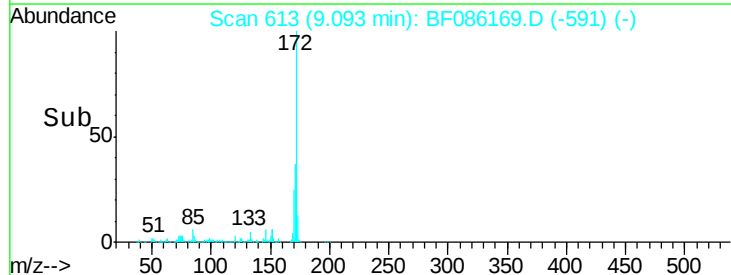
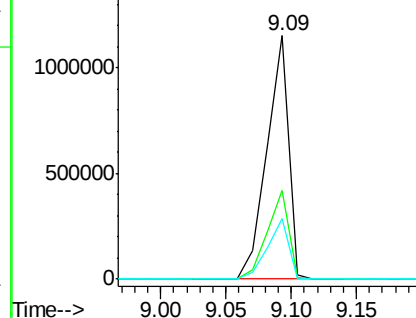


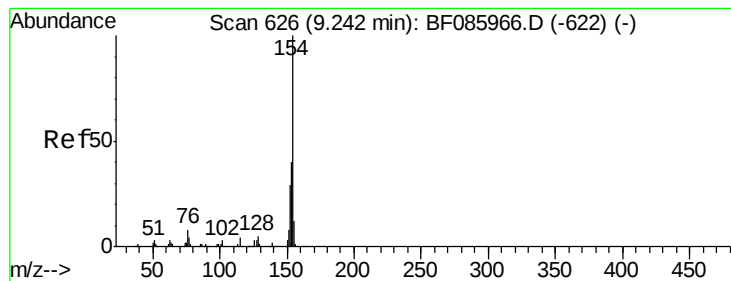
#44
 2-Fluorobiphenyl
 Concen: 90.11 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:172 Resp: 1346237
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.7 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 16.09 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

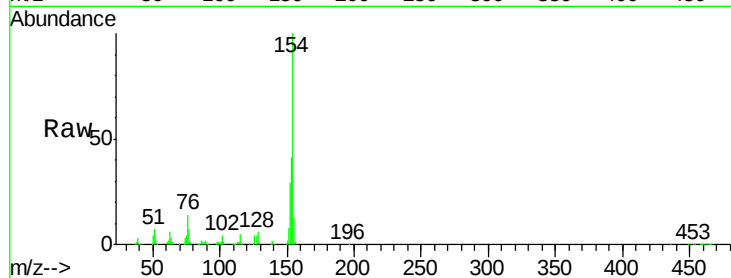
Tgt Ion:154 Resp: 344668

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

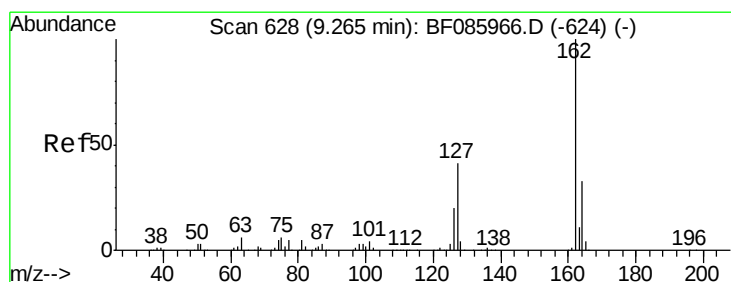
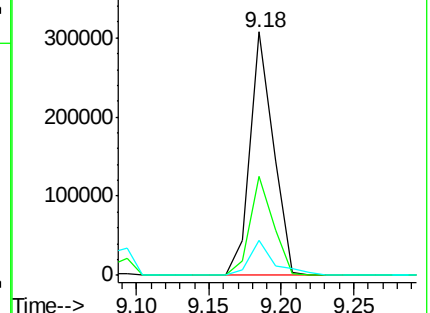
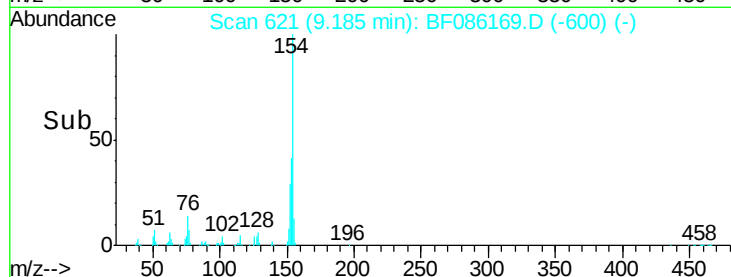
76 14.1 0.0 36.7



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: 16.35 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

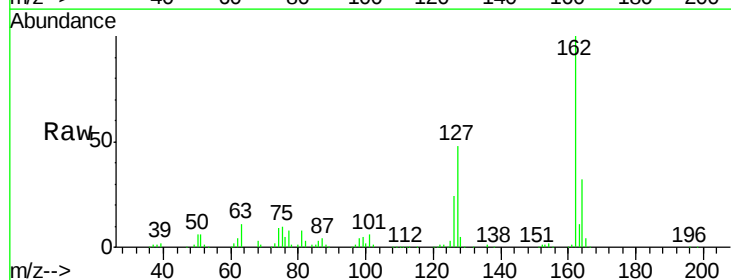
Tgt Ion:162 Resp: 253770

Ion Ratio Lower Upper

162 100

127 48.2 31.7 47.5#

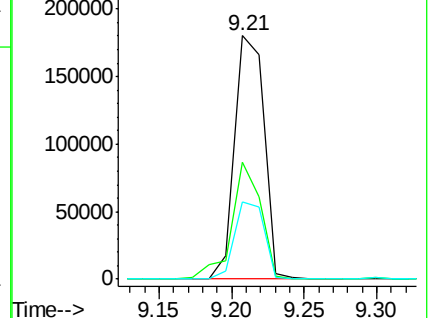
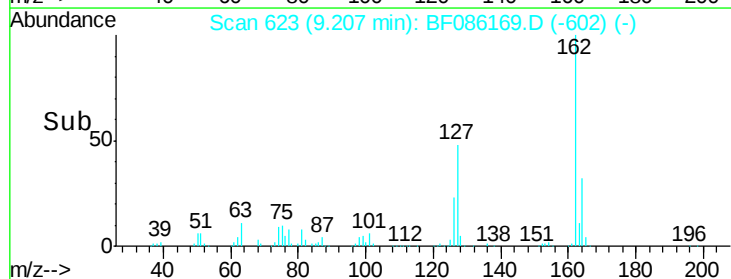
164 31.8 27.3 40.9

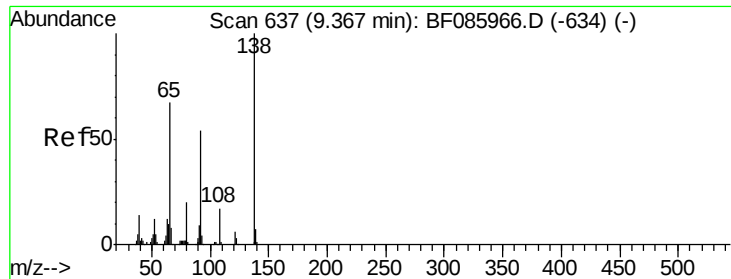


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 17.37 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

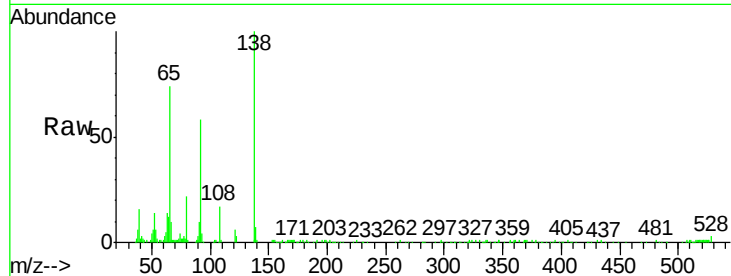
Tgt Ion: 65 Resp: 78914

Ion Ratio Lower Upper

65 100

92 77.9 59.7 89.5

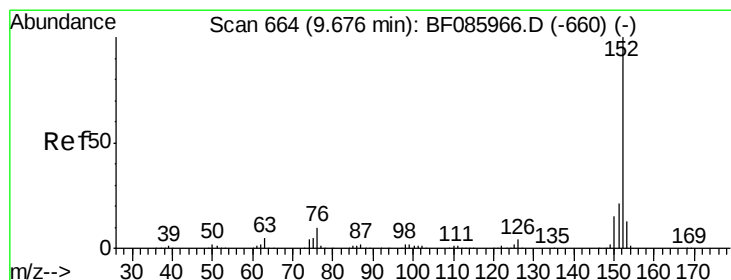
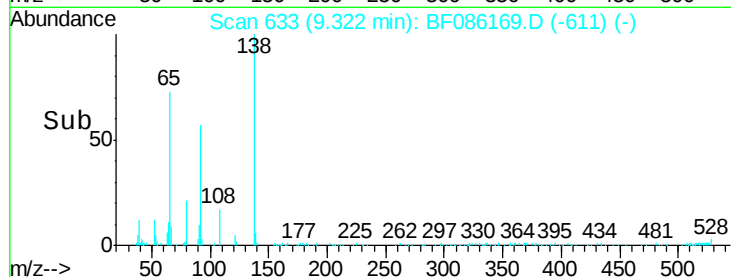
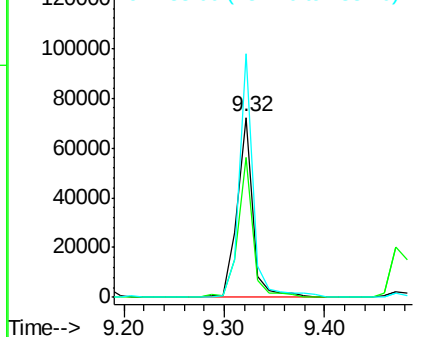
138 135.2 91.4 137.0



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): BF0



#48

Acenaphthylene

Concen: 17.19 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

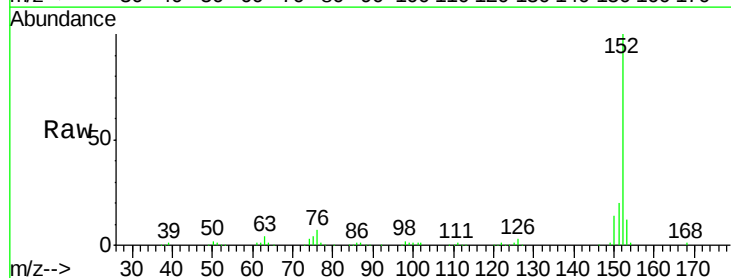
Tgt Ion: 152 Resp: 427513

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

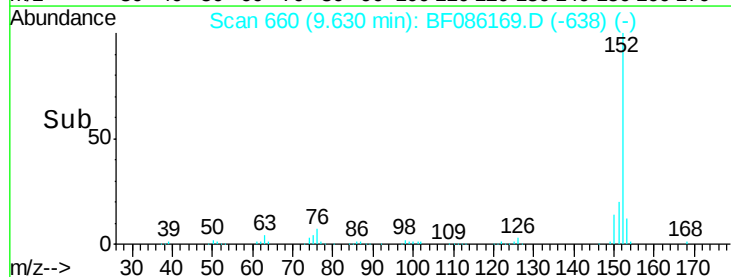
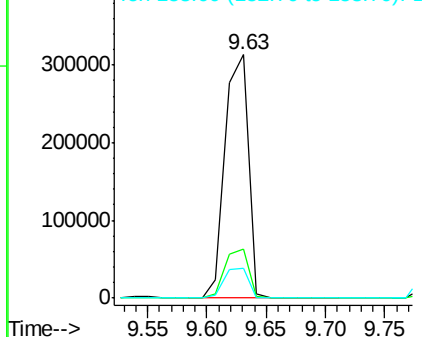
153 12.4 10.9 16.3

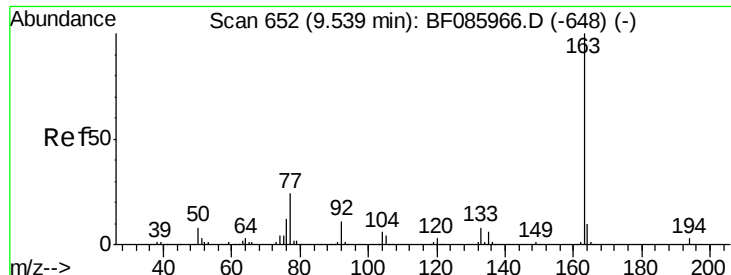


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 17.66 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

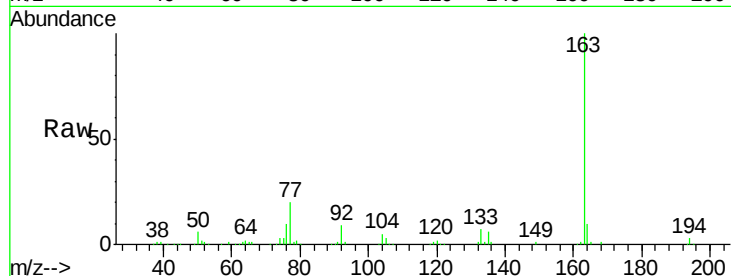
Tgt Ion:163 Resp: 325120

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

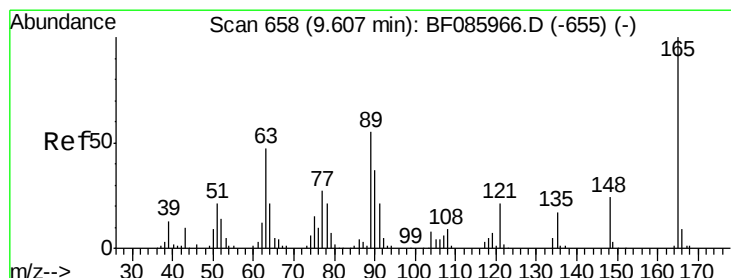
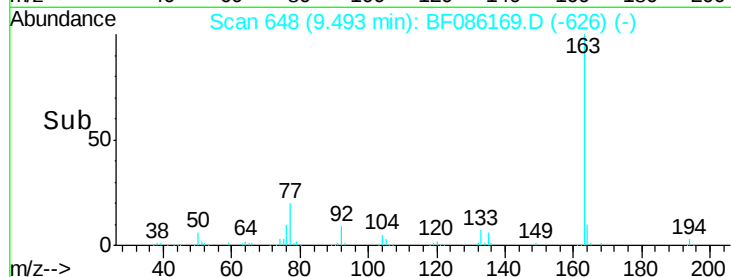
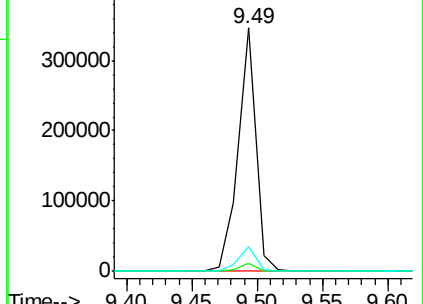
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 18.27 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

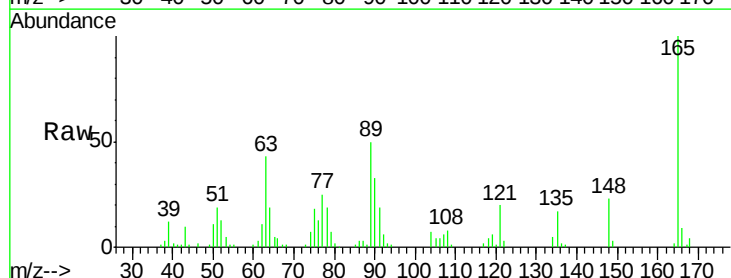
Tgt Ion:165 Resp: 71164

Ion Ratio Lower Upper

165 100

63 42.7 51.8 77.8#

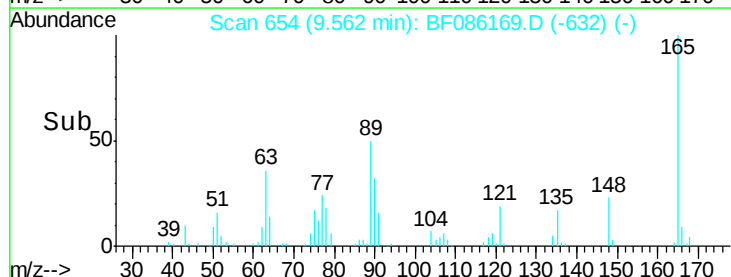
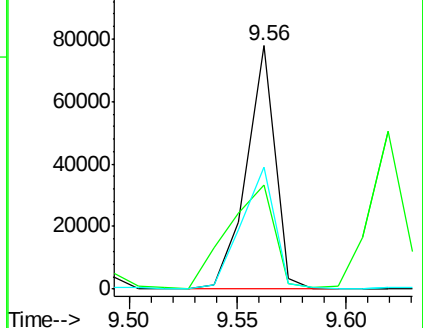
89 49.9 53.7 80.5#

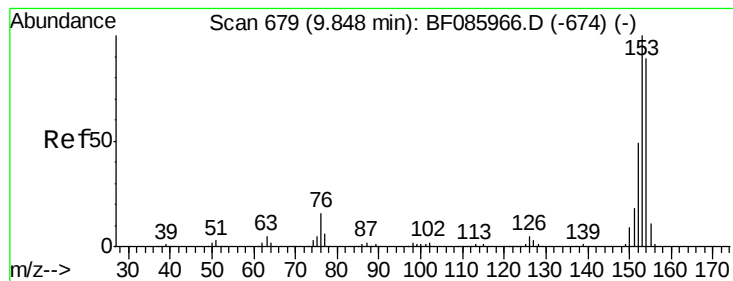


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 16.54 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

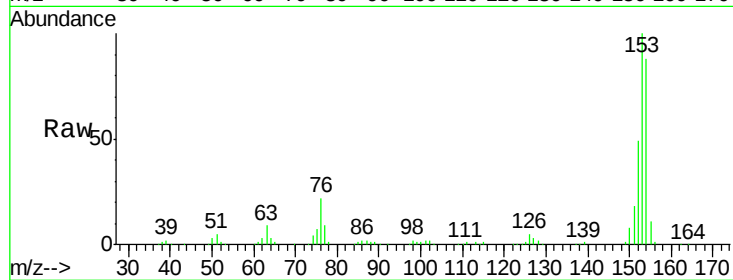
Tgt Ion:154 Resp: 244661

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

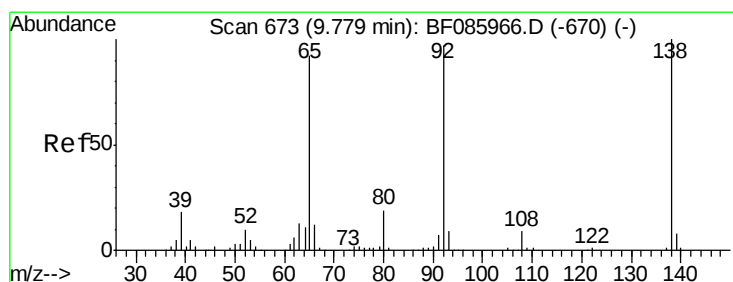
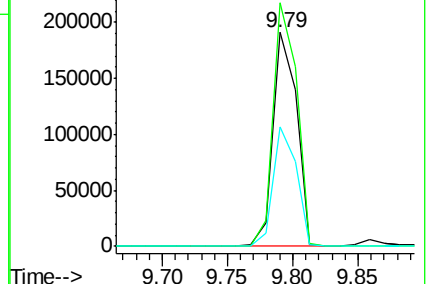
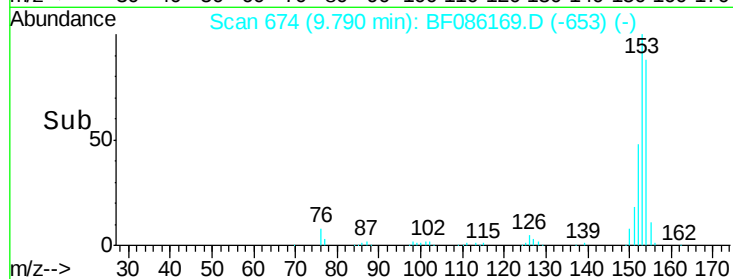
152 55.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.27 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

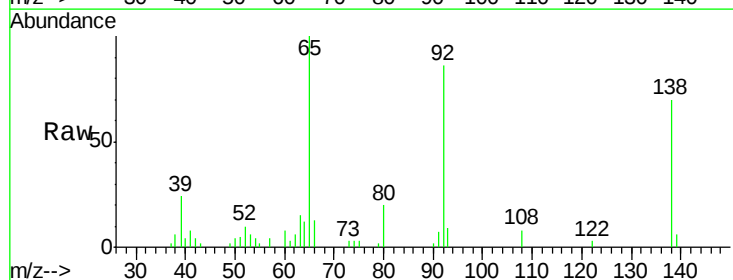
Tgt Ion:138 Resp: 15374

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

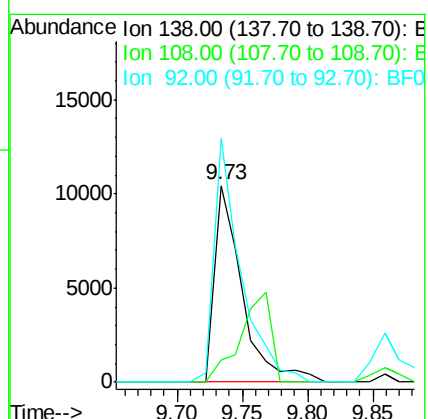
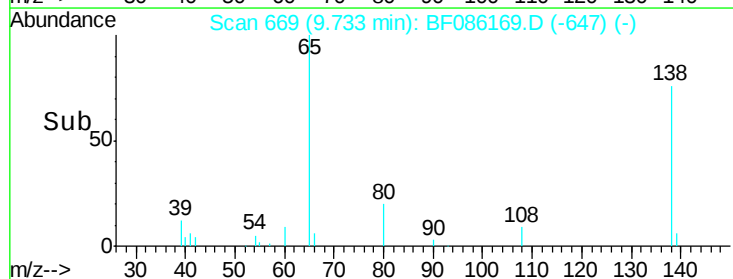
92 123.9 93.3 139.9

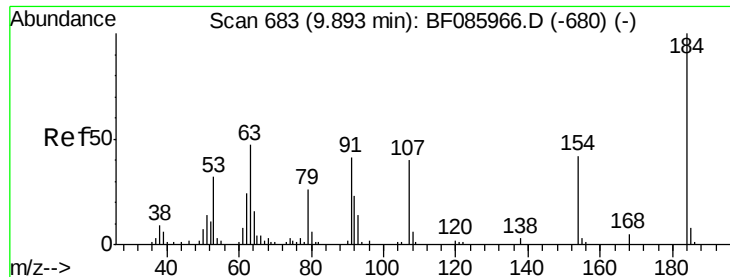


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

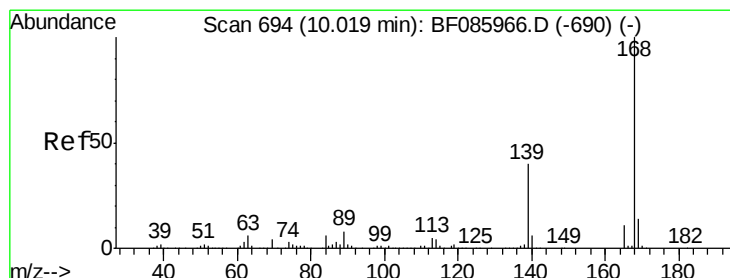
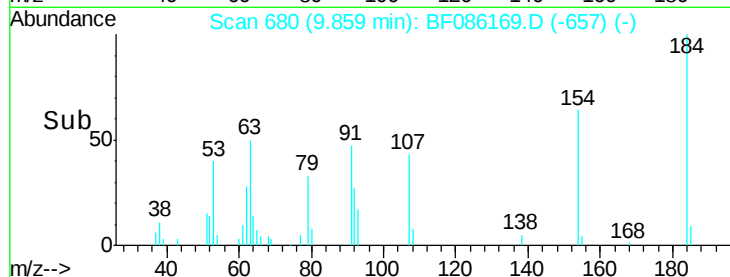
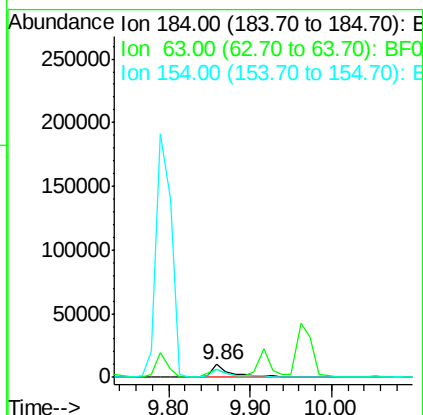
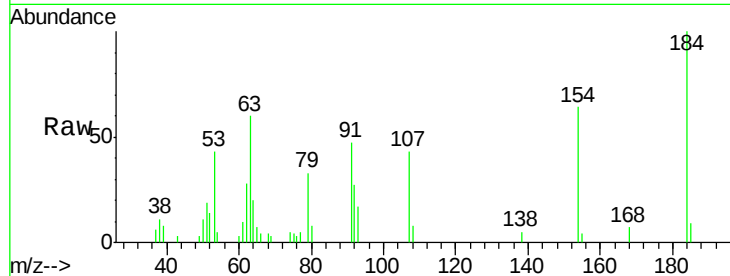




#53
 2,4-Dinitrophenol
 Concen: 13.34 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

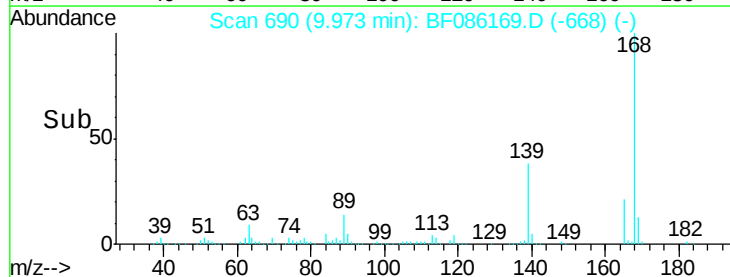
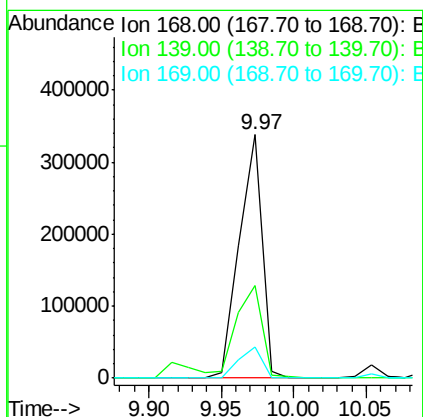
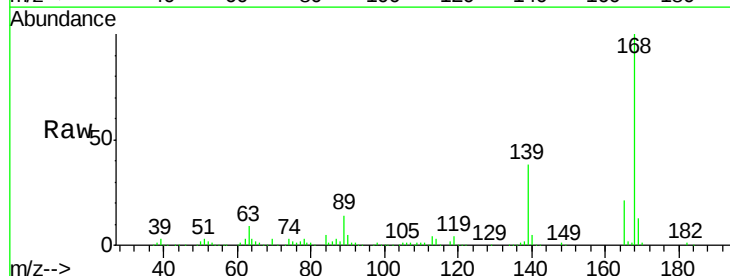
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

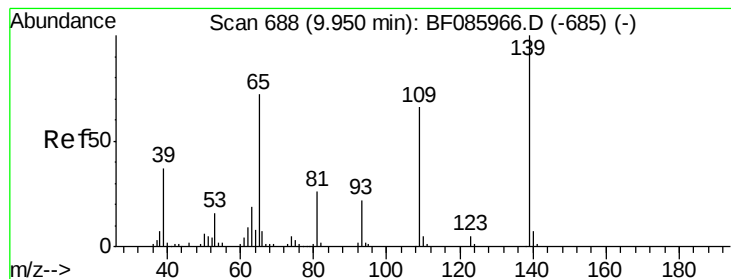
Tgt Ion:184 Resp: 17572
 Ion Ratio Lower Upper
 184 100
 63 60.2 69.5 104.3#
 154 63.8 58.3 87.5



#54
 Dibenzofuran
 Concen: 18.99 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:168 Resp: 370972
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.9 47.9
 169 12.8 11.0 16.6





#55

4-Nitrophenol

Concen: 11.20 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

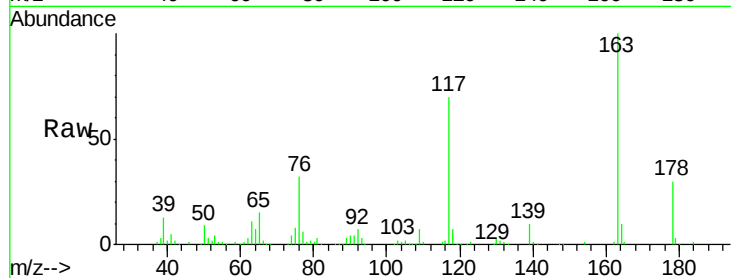
Tgt Ion:139 Resp: 31006

Ion Ratio Lower Upper

139 100

109 70.0 49.2 89.2

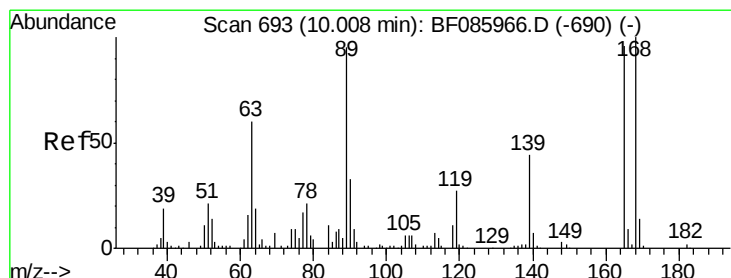
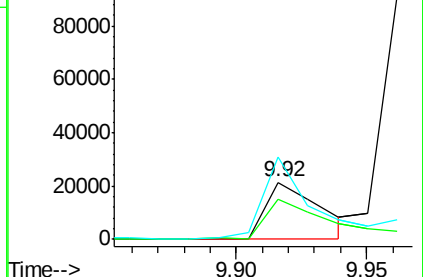
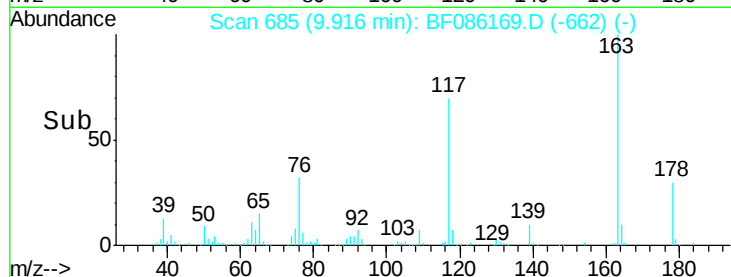
65 144.9 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 16.80 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:165 Resp: 82688

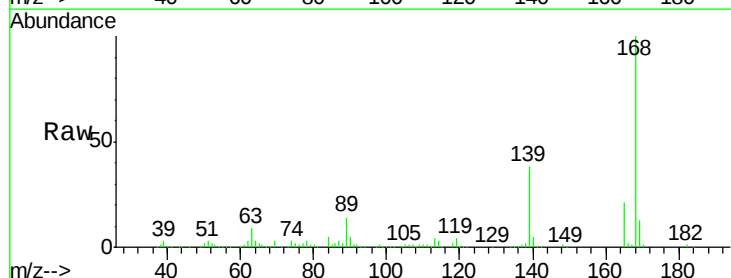
Ion Ratio Lower Upper

165 100

63 44.0 24.9 37.3#

89 67.8 41.0 61.6#

182 2.5 2.1 3.1

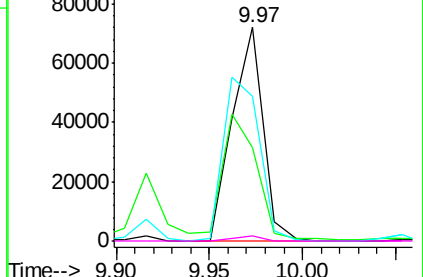
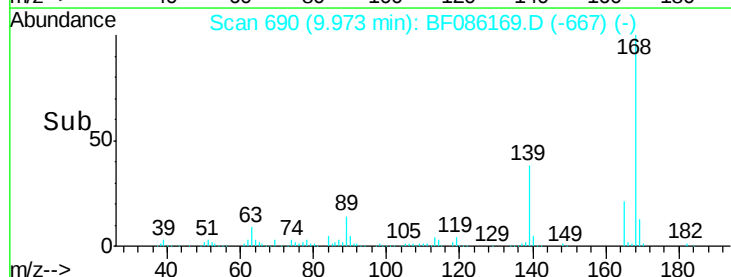


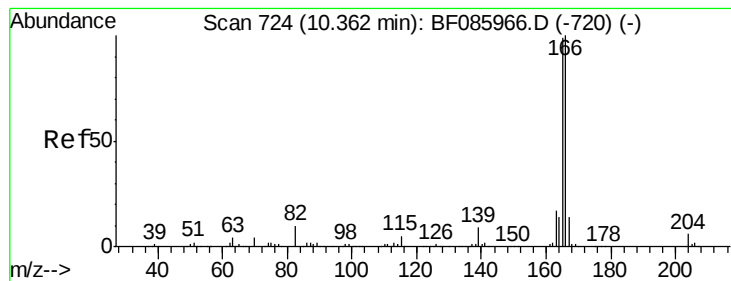
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 17.68 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

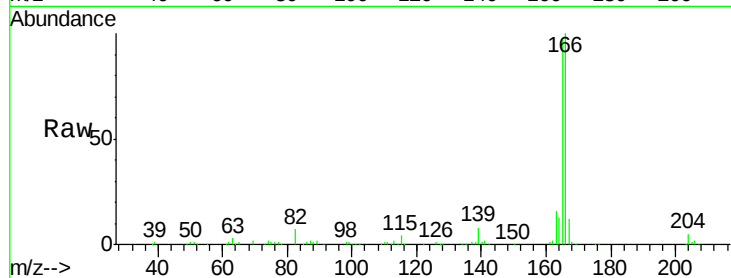
Tgt Ion:166 Resp: 295102

Ion Ratio Lower Upper

166 100

165 97.0 79.4 119.0

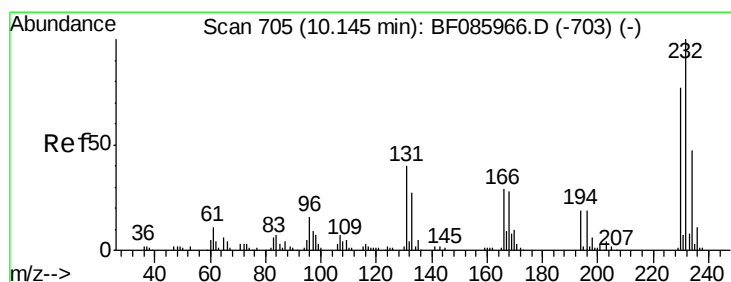
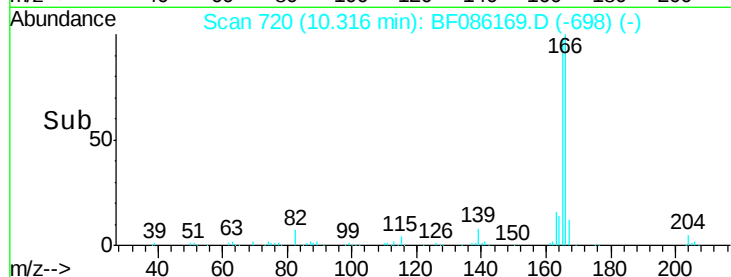
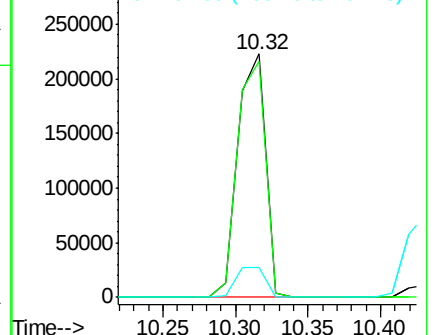
167 12.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.95 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:232 Resp: 65067

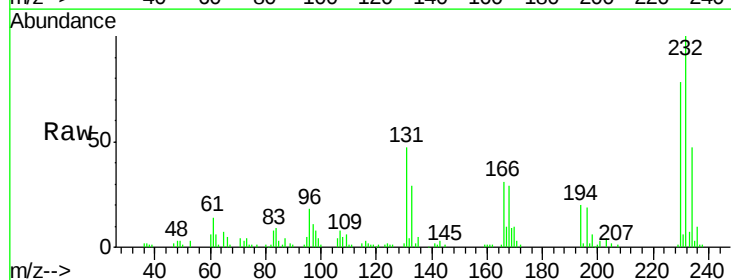
Ion Ratio Lower Upper

232 100

131 53.3 44.9 67.3

130 2.5 2.3 3.5

166 31.8 28.1 42.1

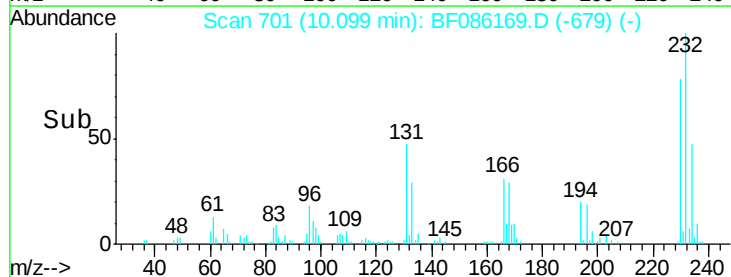
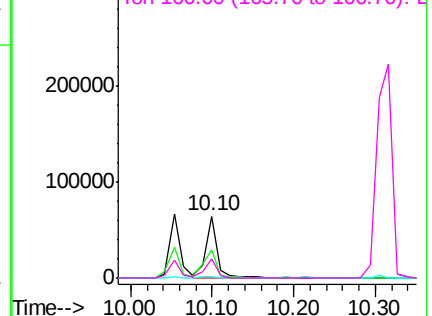


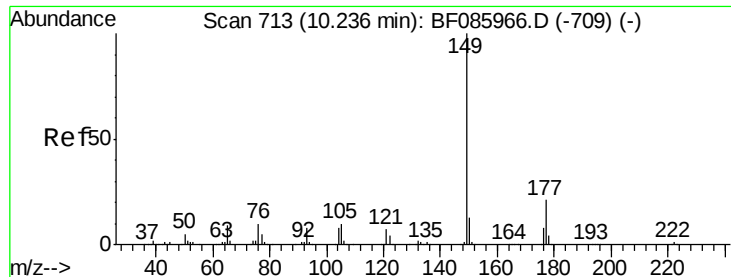
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

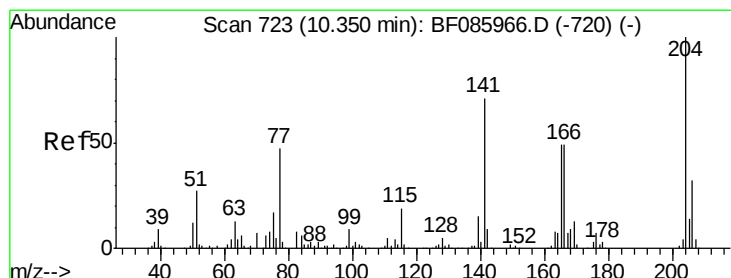
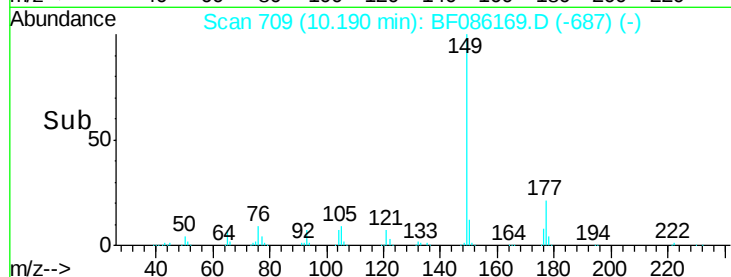
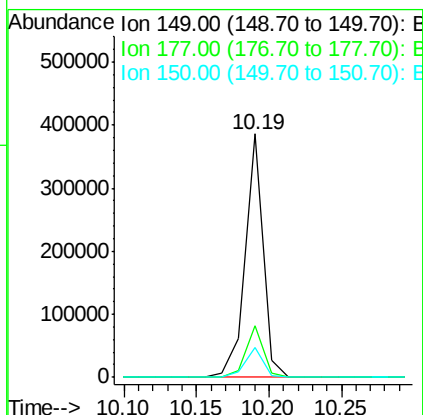
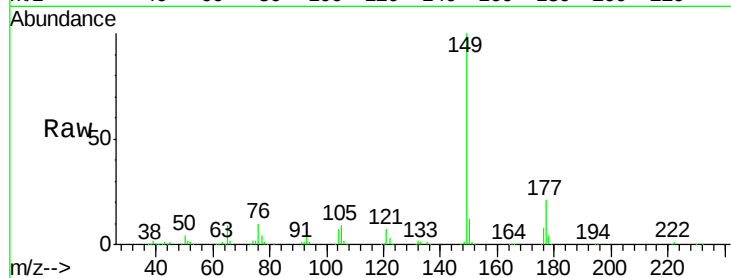




#59
Diethylphthalate
Concen: 17.85 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

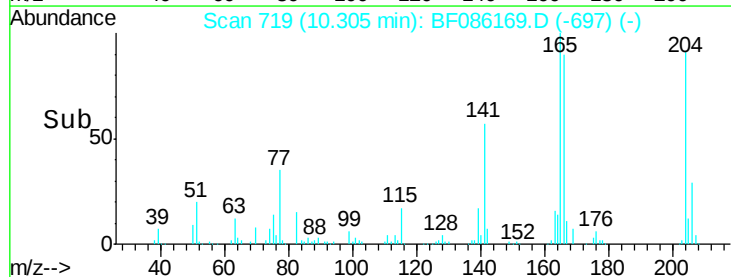
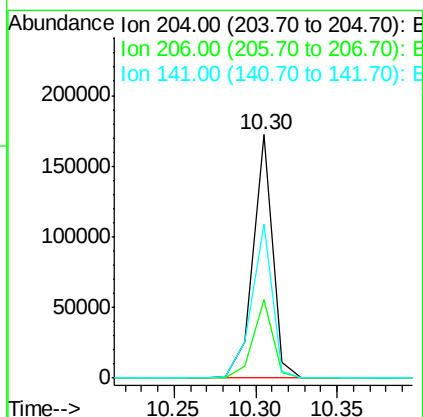
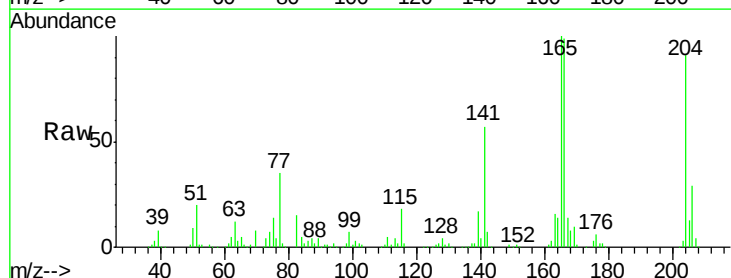
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

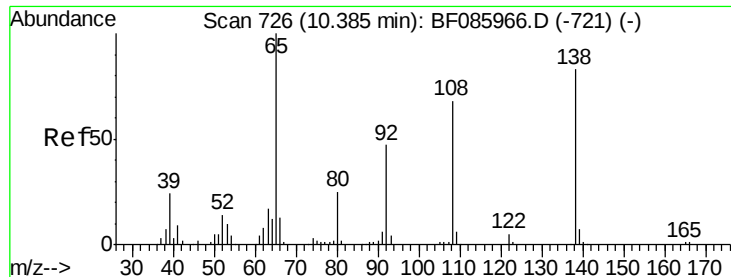
Tgt Ion:149 Resp: 331604
Ion Ratio Lower Upper
149 100
177 21.1 17.9 26.9
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 18.54 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:204 Resp: 144123
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 63.3 57.4 86.0

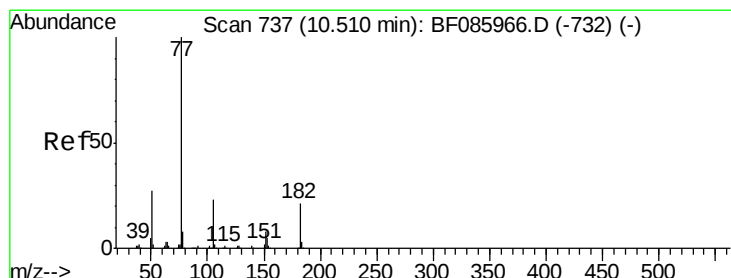
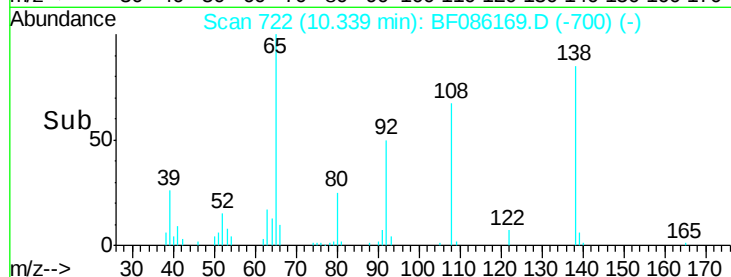
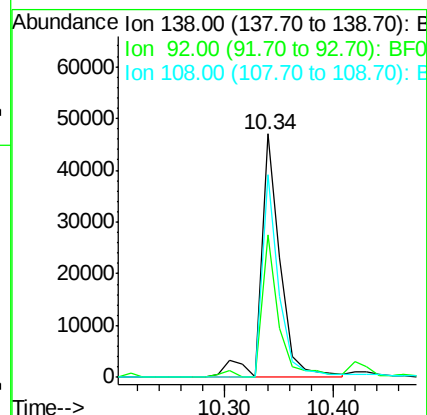
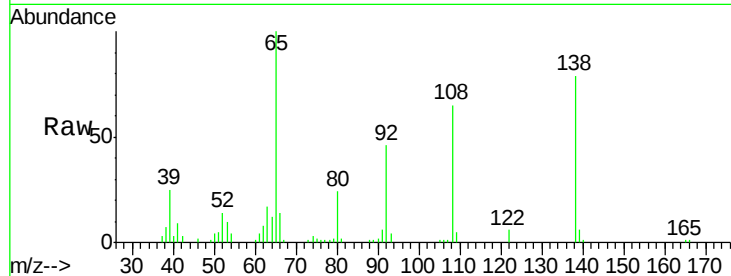




#61
4-Nitroaniline
Concen: 12.50 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

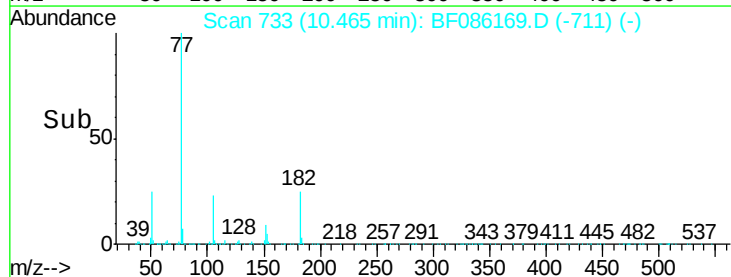
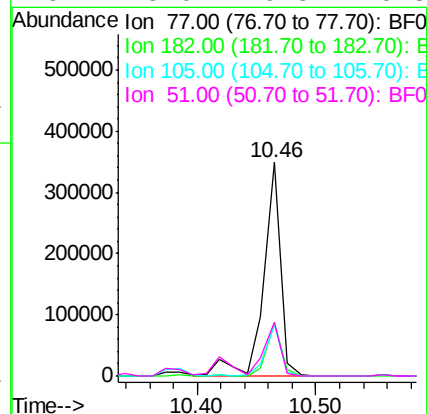
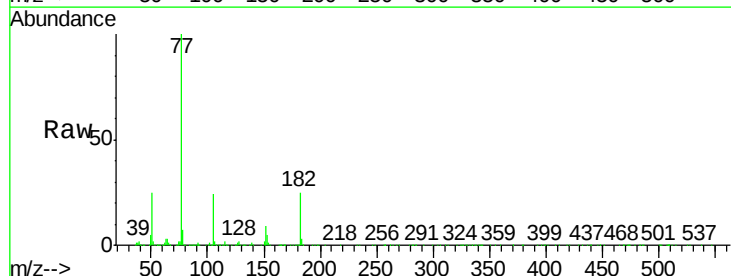
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

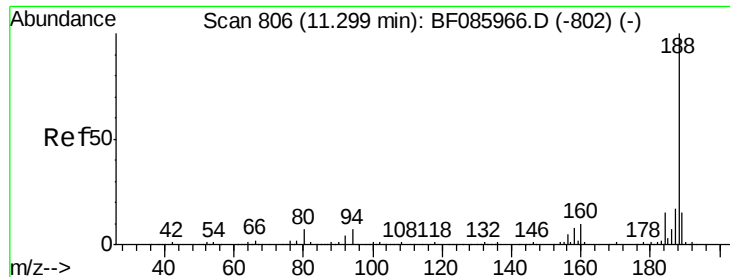
Tgt Ion: 138 Resp: 57805
Ion Ratio Lower Upper
138 100
92 58.5 26.4 66.4
108 83.2 49.0 89.0



#62
Azobenzene
Concen: 19.87 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion: 77 Resp: 353632
Ion Ratio Lower Upper
77 100
182 24.9 1.9 41.9
105 23.8 3.5 43.5
51 25.0 6.3 46.3

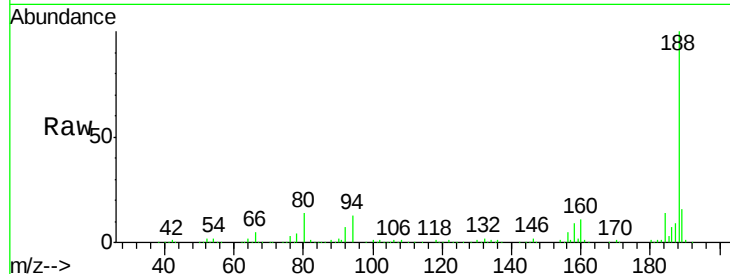




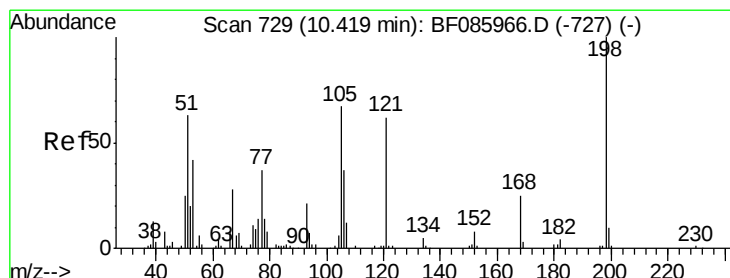
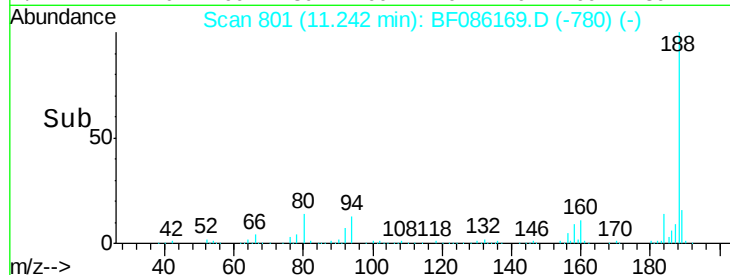
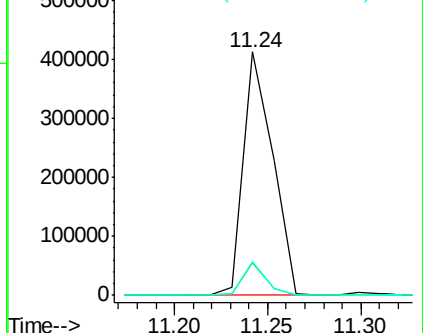
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:188 Resp: 453190
Ion Ratio Lower Upper
188 100
94 13.1 5.4 8.0#
80 13.9 5.5 8.3#

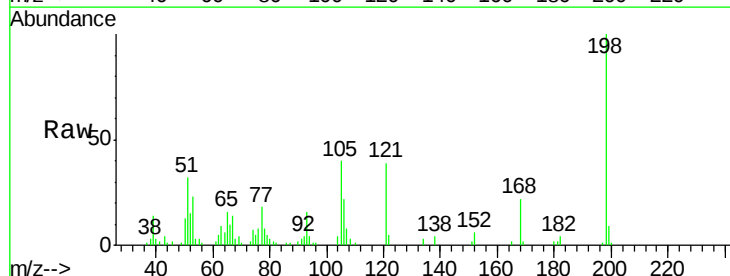


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

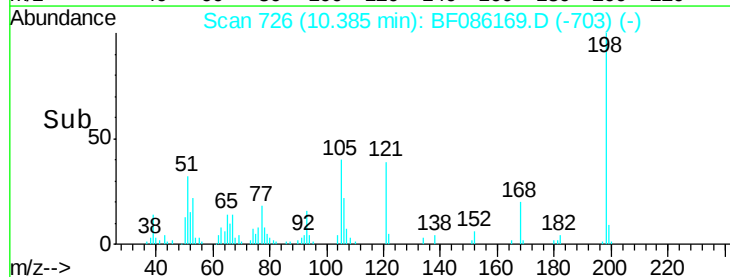
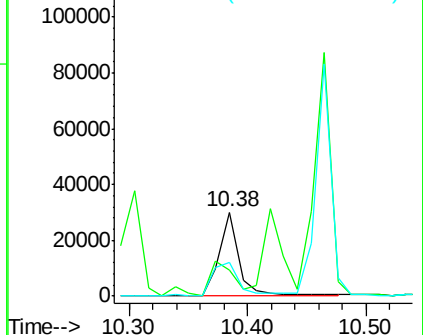


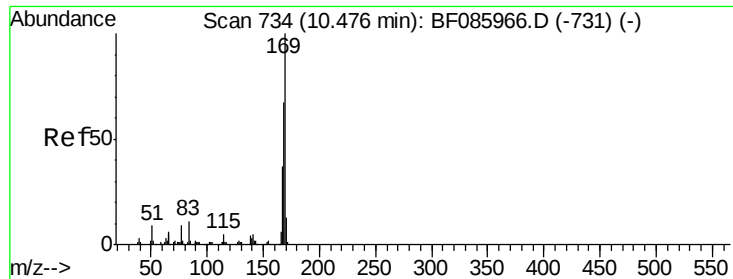
#64
4,6-Dinitro-2-methylphenol
Concen: 12.73 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:198 Resp: 34965
Ion Ratio Lower Upper
198 100
51 31.7 45.4 85.4#
105 39.9 45.9 85.9#



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: 18.20 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

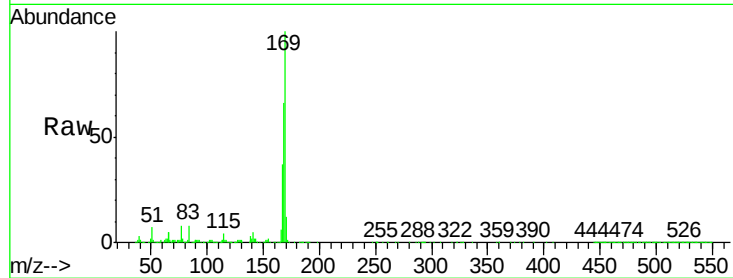
Tgt Ion:169 Resp: 257953

Ion Ratio Lower Upper

169 100

168 66.1 54.4 81.6

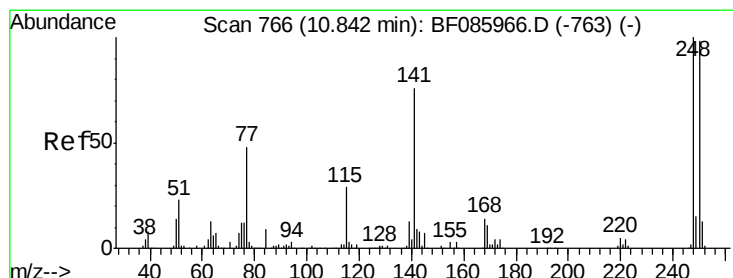
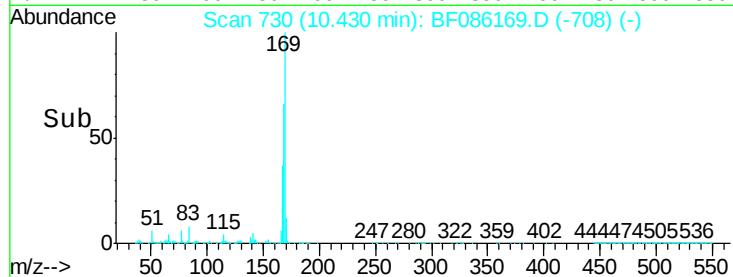
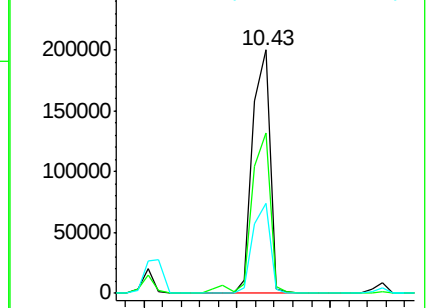
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 17.37 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

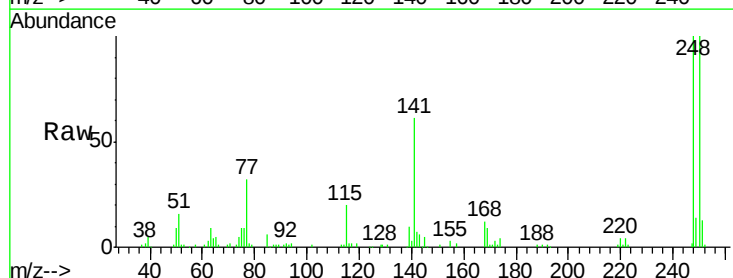
Tgt Ion:248 Resp: 80362

Ion Ratio Lower Upper

248 100

250 100.2 77.4 116.0

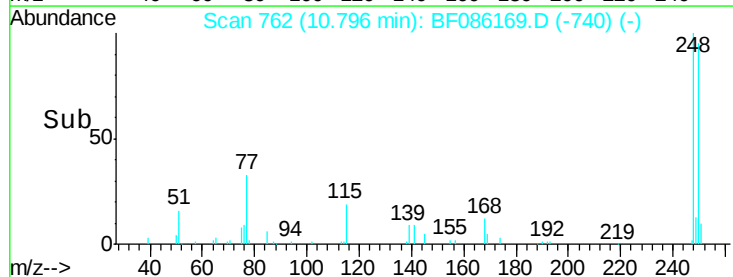
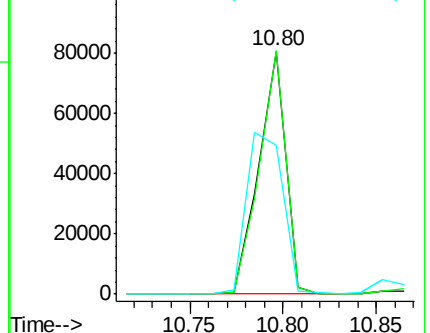
141 61.0 63.6 95.4#

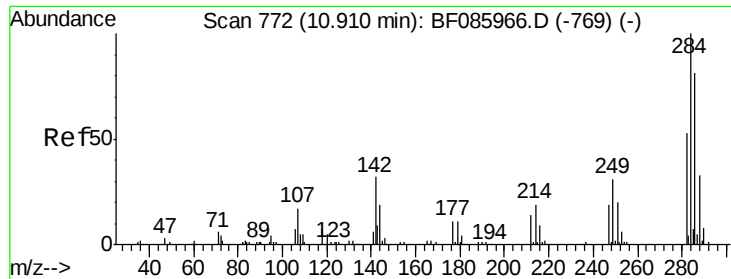


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

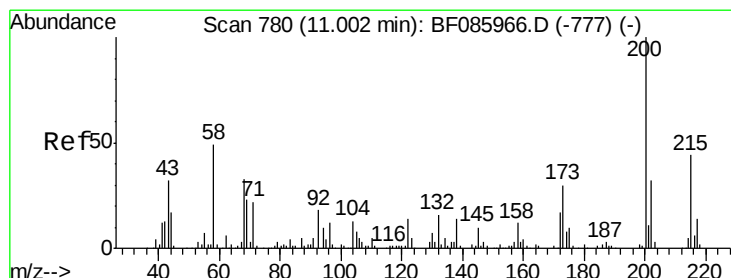
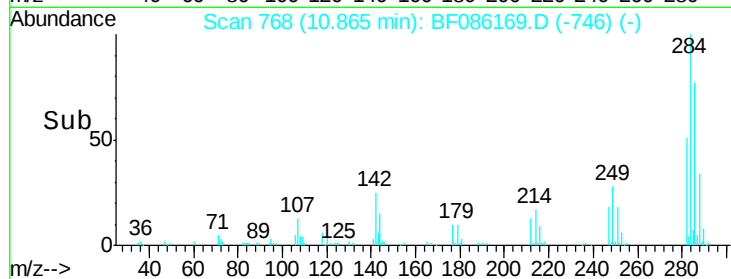
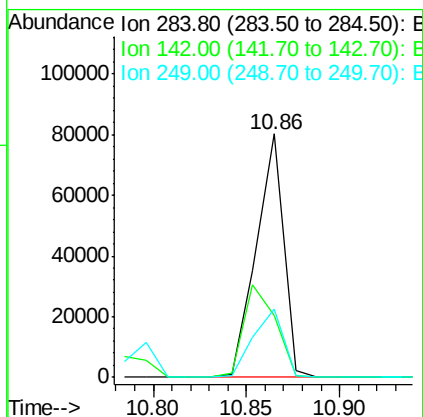
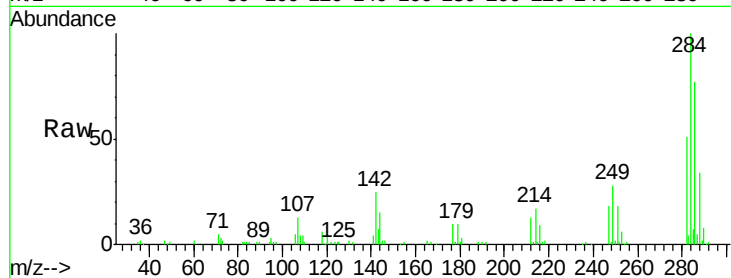




#67
Hexachlorobenzene
Concen: 17.01 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

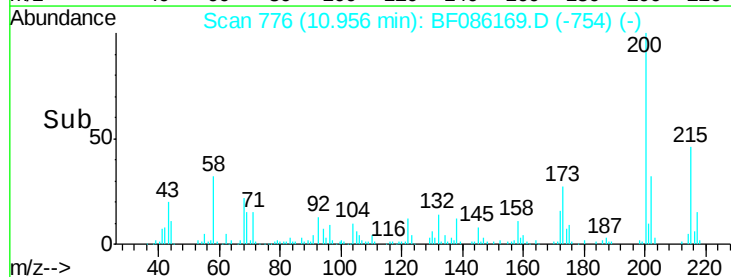
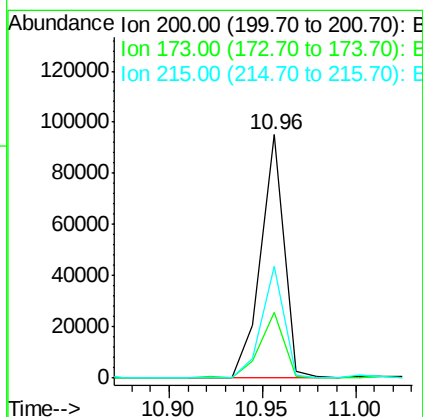
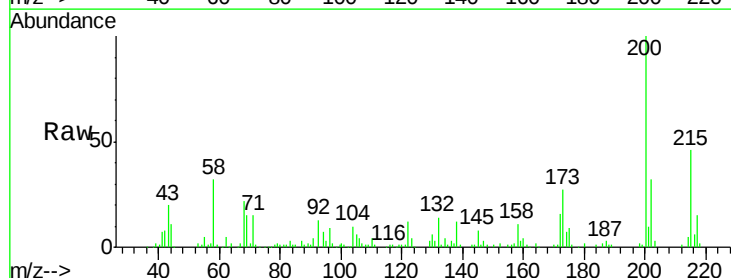
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

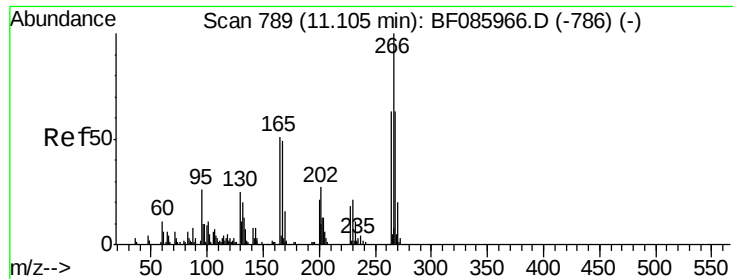
Tgt Ion: 284 Resp: 81382
Ion Ratio Lower Upper
284 100
142 25.2 23.1 34.7
249 28.2 24.2 36.2



#68
Atrazine
Concen: 17.83 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion: 200 Resp: 81645
Ion Ratio Lower Upper
200 100
173 26.9 7.7 47.7
215 46.0 25.4 65.4

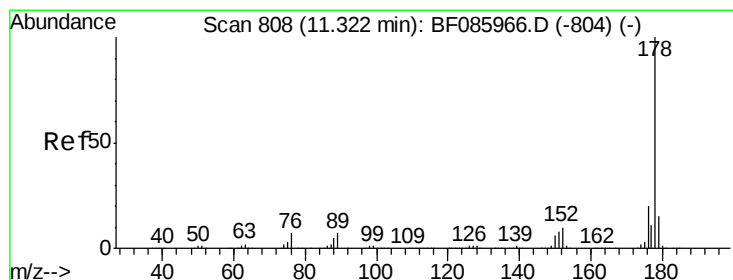
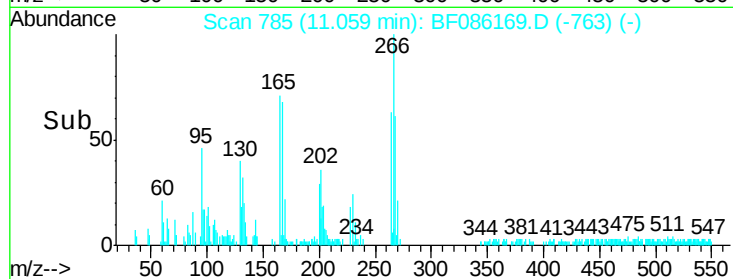
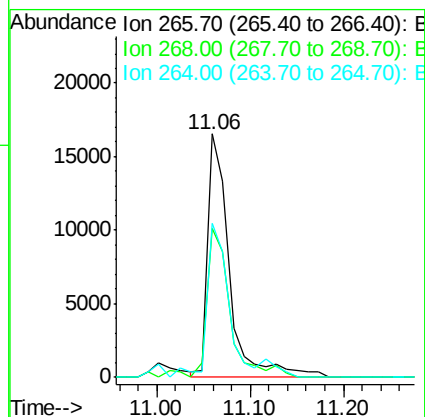
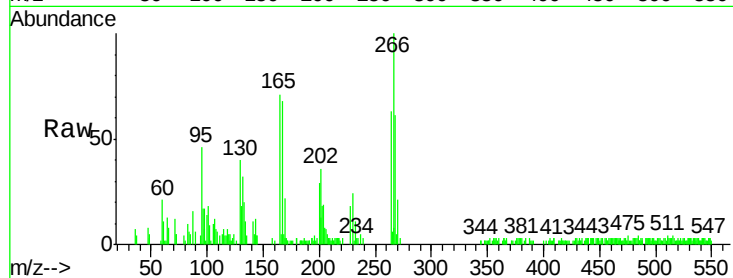




#69
 Pentachlorophenol
 Concen: 12.03 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

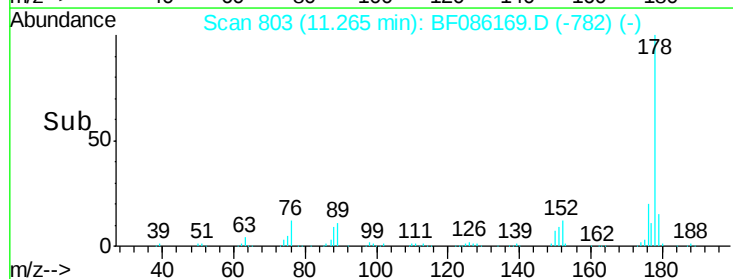
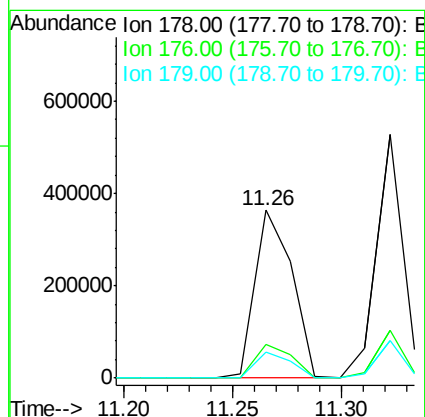
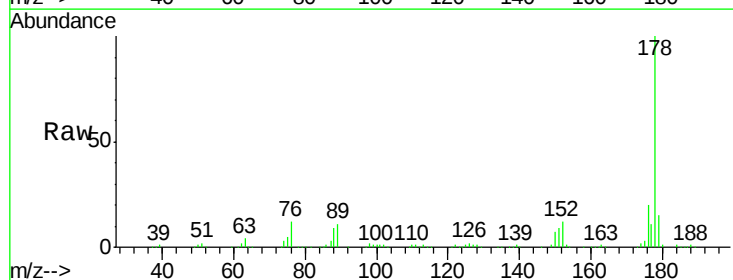
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

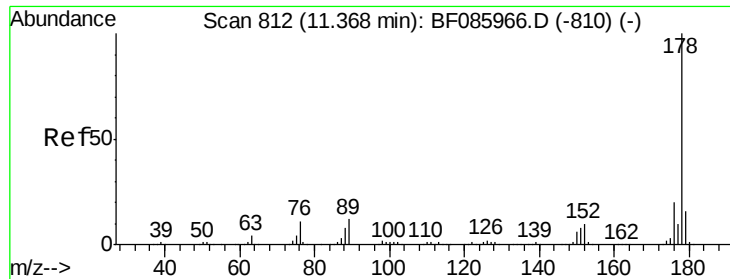
Tgt Ion:266 Resp: 26969
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.5 77.3
 264 63.2 50.6 76.0



#70
 Phenanthrene
 Concen: 17.55 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:178 Resp: 433967
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 15.5 12.6 18.8

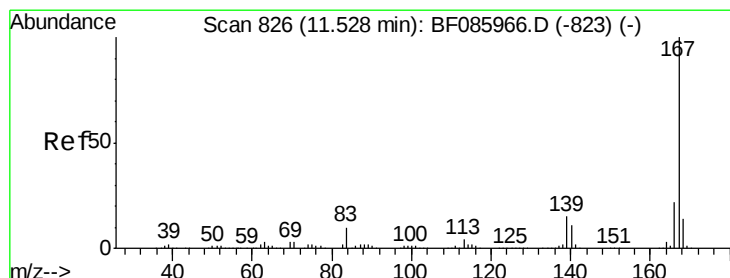
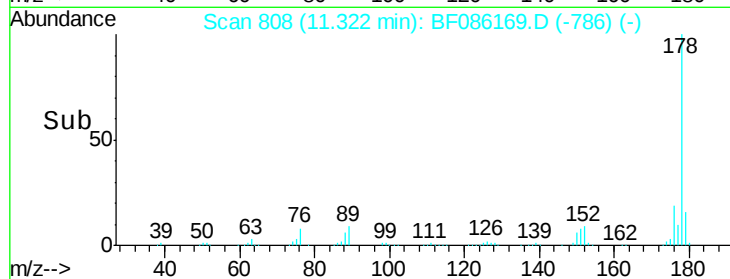
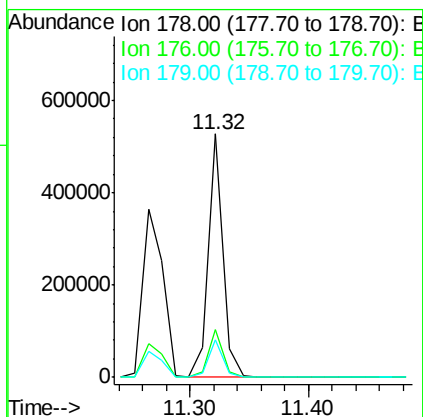
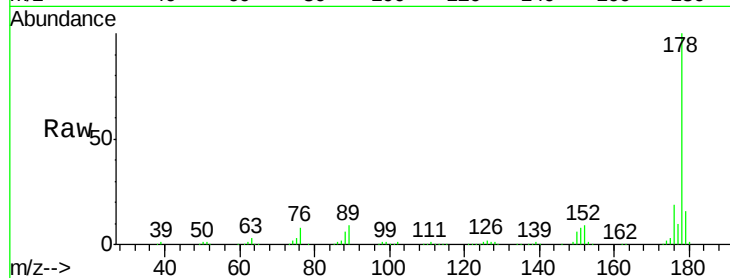




#71
 Anthracene
 Concen: 17.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

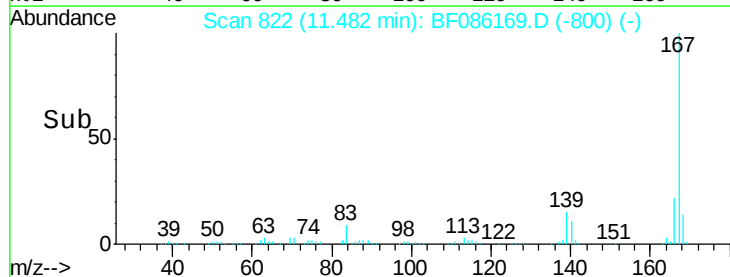
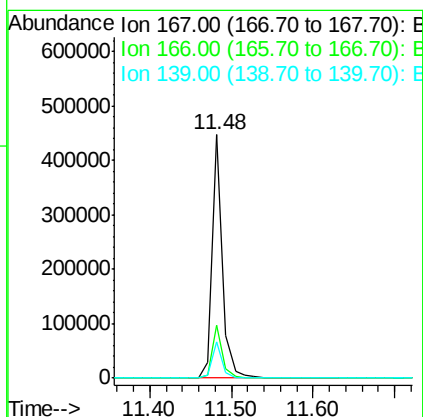
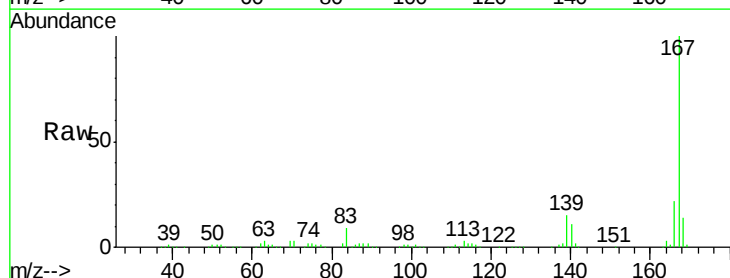
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

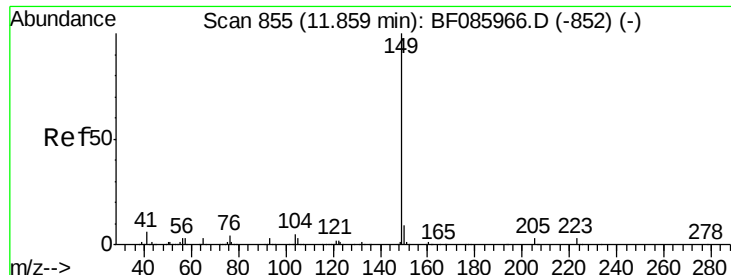
Tgt Ion:178 Resp: 455354
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.0 19.4



#72
 Carbazole
 Concen: 17.85 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:167 Resp: 397376
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 14.8 11.6 17.4





#73

Di-n-butylphthalate

Concen: 18.91 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

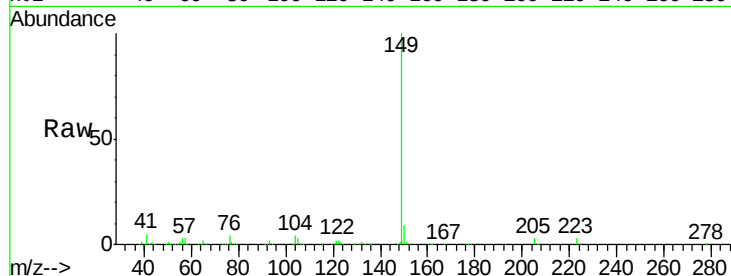
Tgt Ion:149 Resp: 521723

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

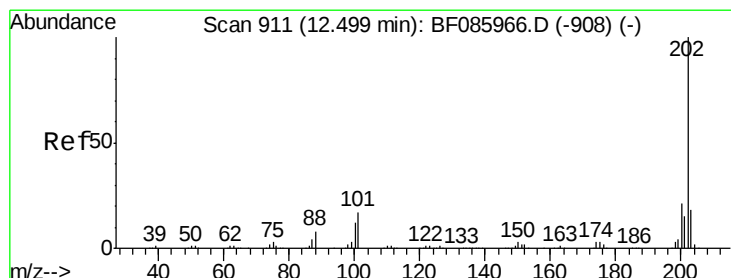
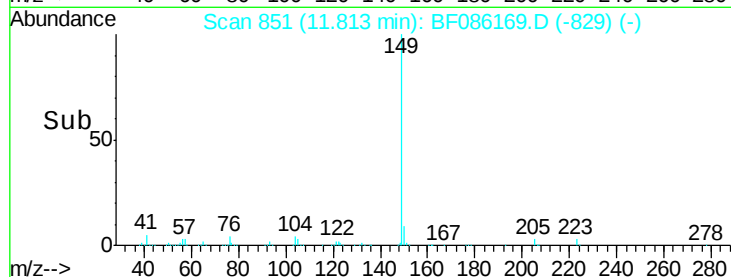
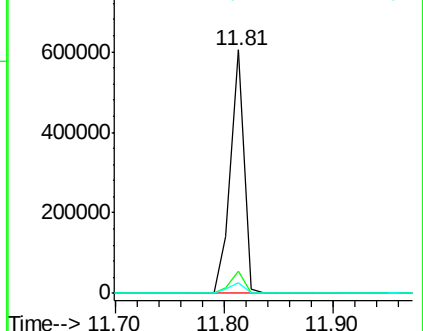
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 16.31 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

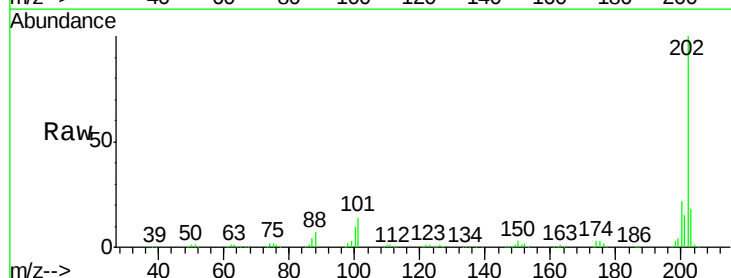
Tgt Ion:202 Resp: 419505

Ion Ratio Lower Upper

202 100

101 14.0 0.0 36.6

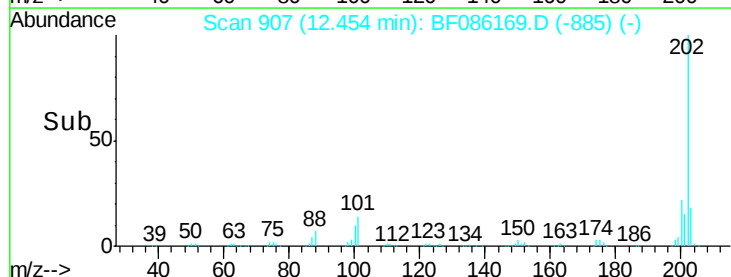
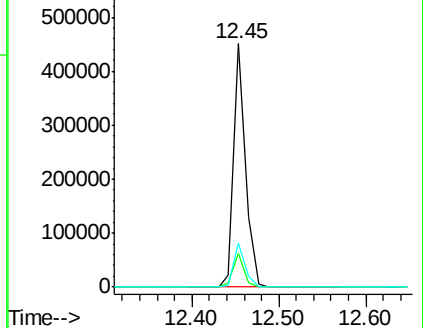
203 17.8 0.0 38.1

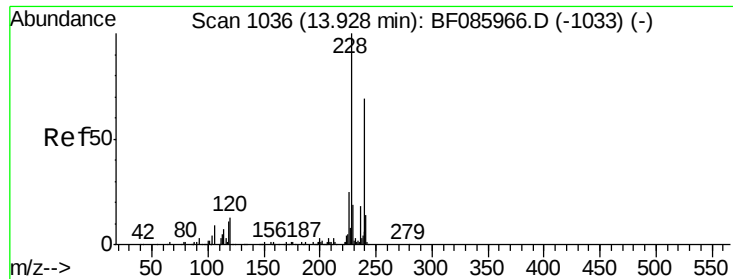


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

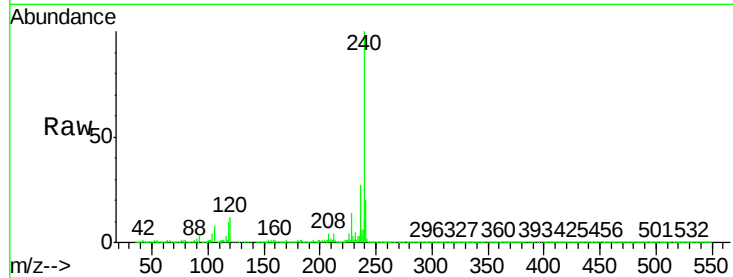
Tgt Ion:240 Resp: 374024

Ion Ratio Lower Upper

240 100

120 12.1 13.8 20.8#

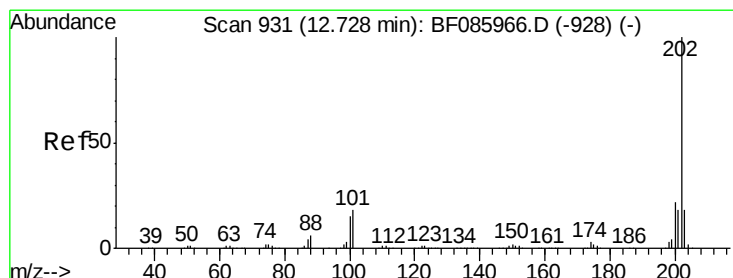
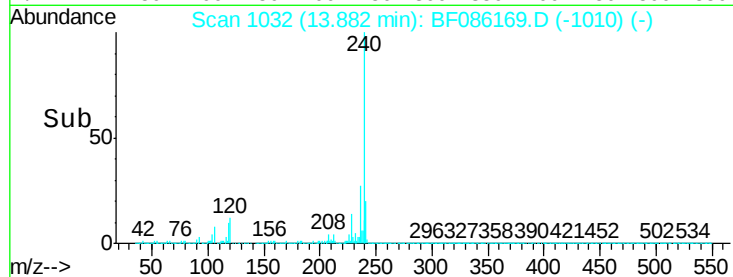
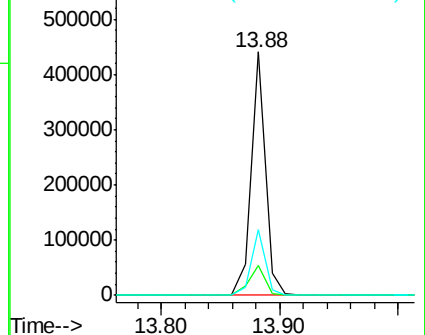
236 26.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 16.57 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

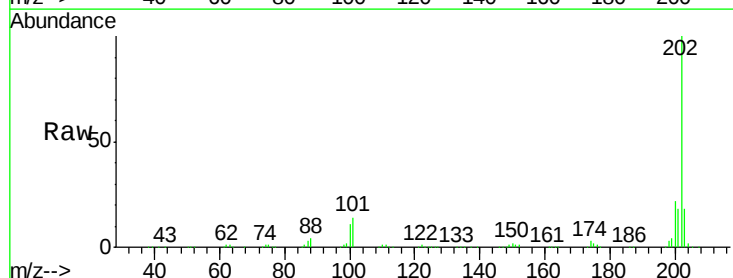
Tgt Ion:202 Resp: 436664

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

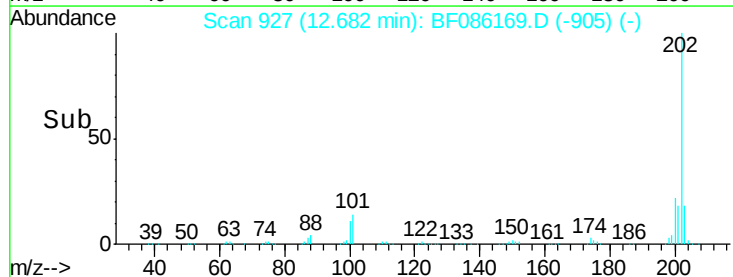
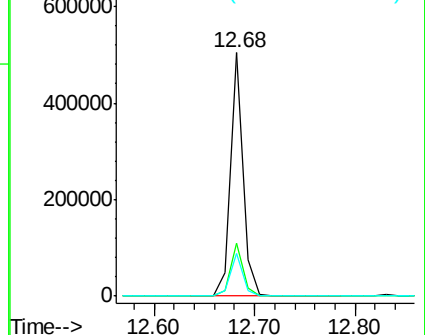
203 17.6 14.0 21.0

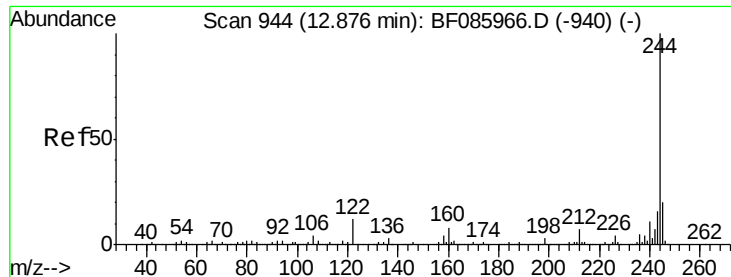


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.71 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

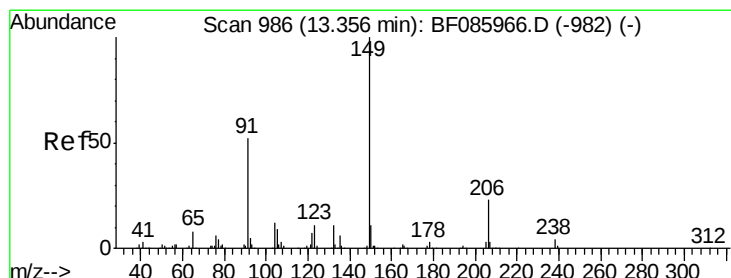
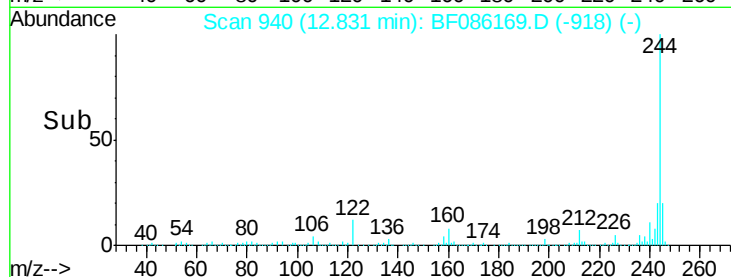
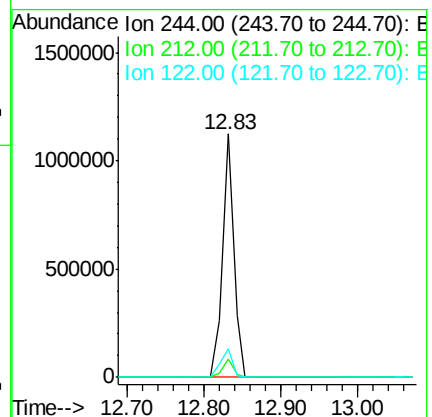
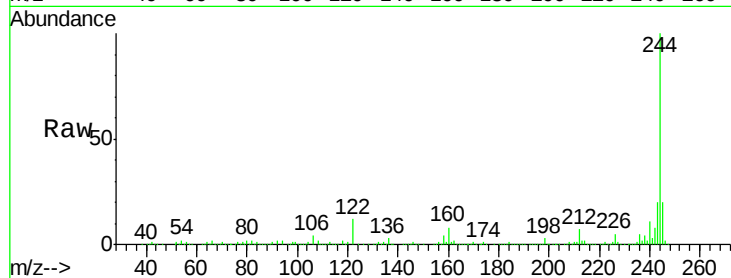
Tgt Ion:244 Resp: 1156918

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 11.8 10.2 15.4



#79

Butylbenzylphthalate

Concen: 15.85 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

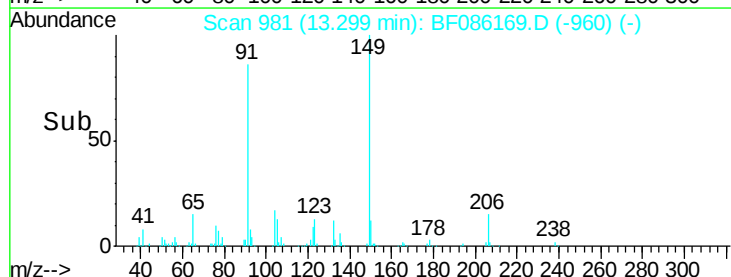
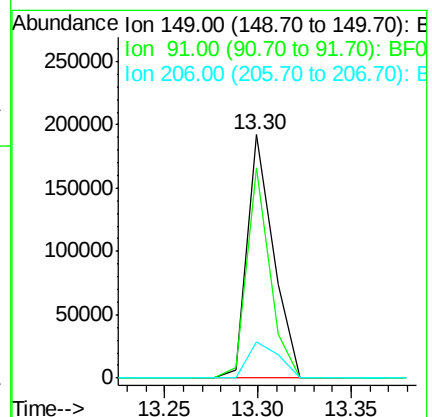
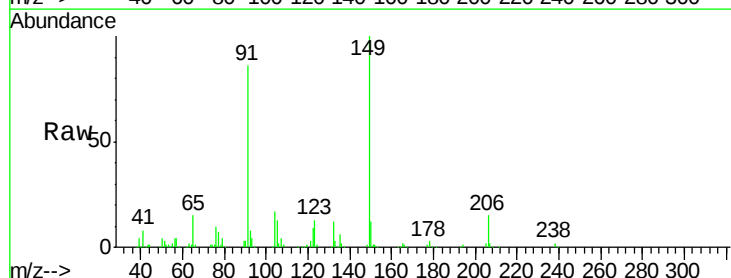
Tgt Ion:149 Resp: 188049

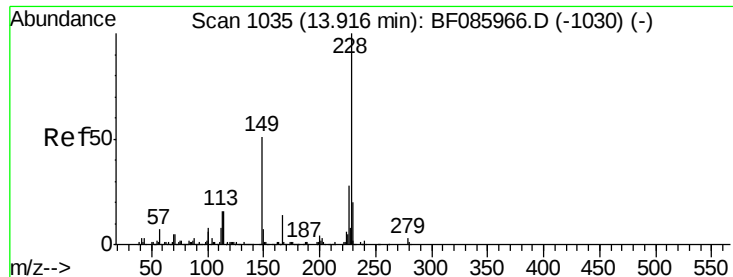
Ion Ratio Lower Upper

149 100

91 86.4 45.8 68.8#

206 15.0 17.8 26.8#

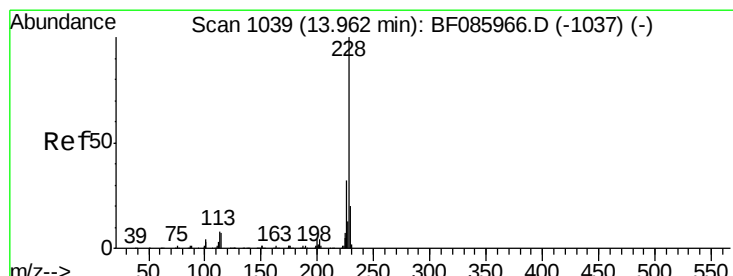
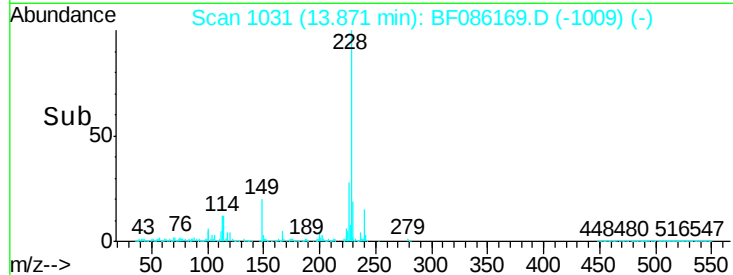
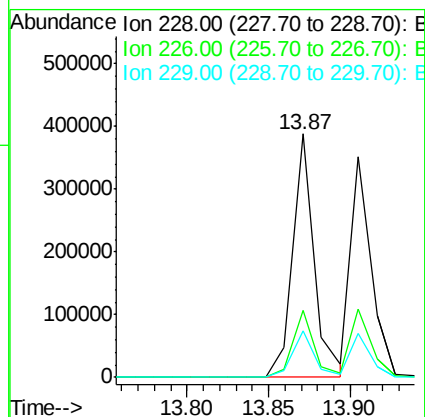
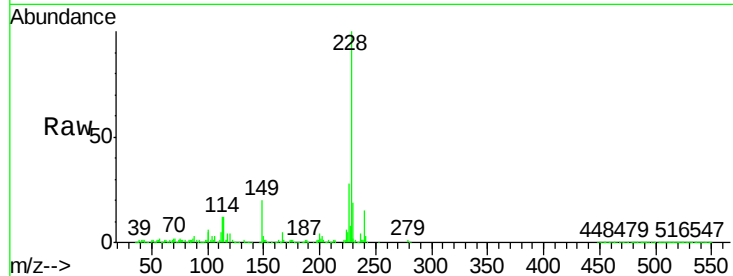




#80
Benzo(a)anthracene
Concen: 16.27 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

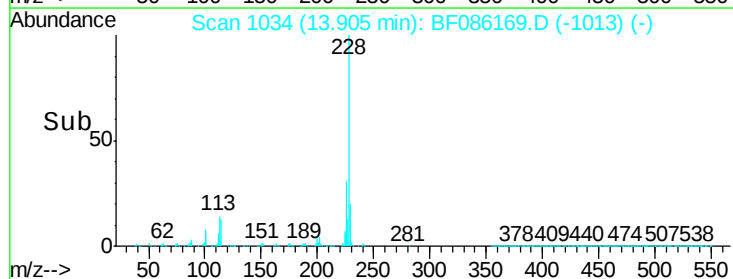
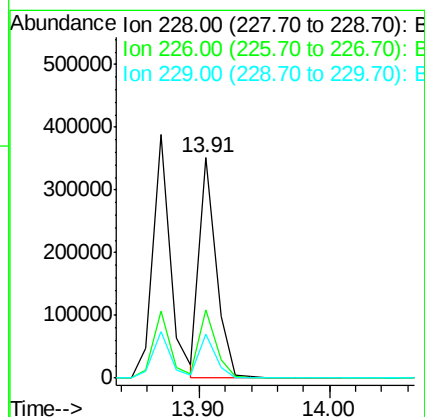
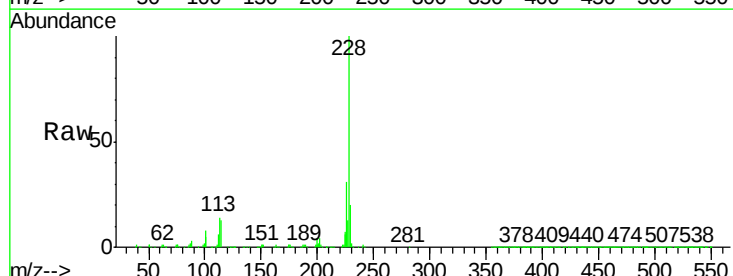
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

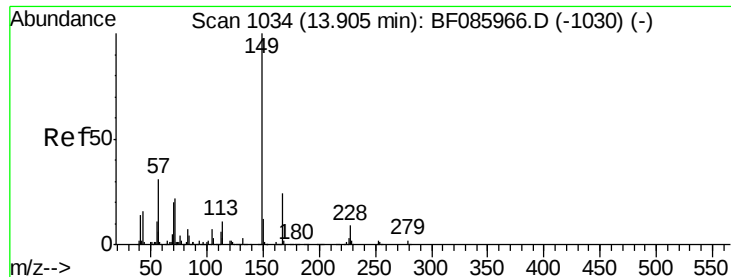
Tgt Ion:228 Resp: 358744
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.3 16.2 24.4



#82
Chrysene
Concen: 14.86 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:228 Resp: 315491
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.0 15.7 23.5

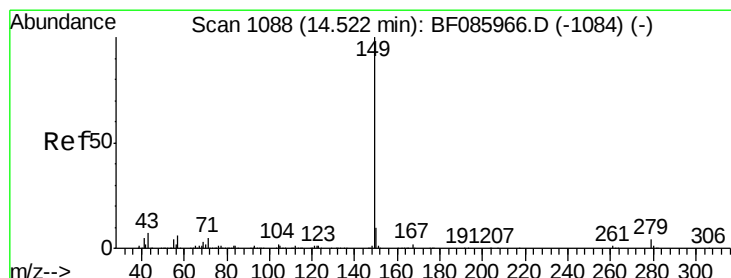
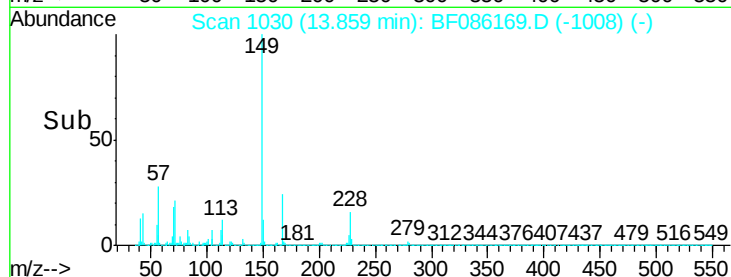
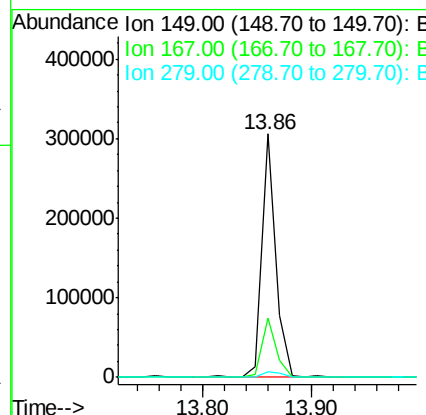
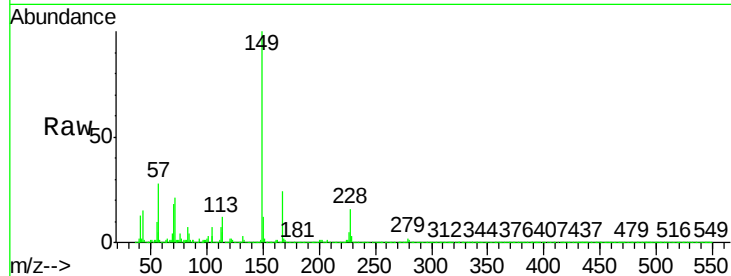




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 17.56 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

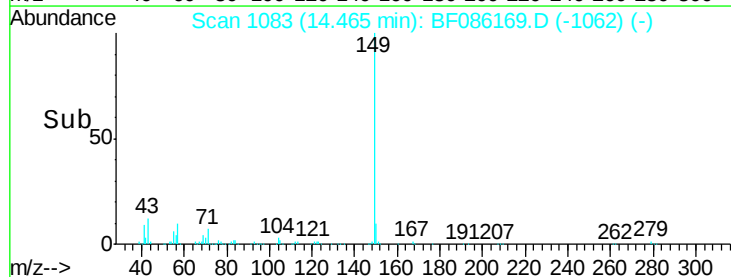
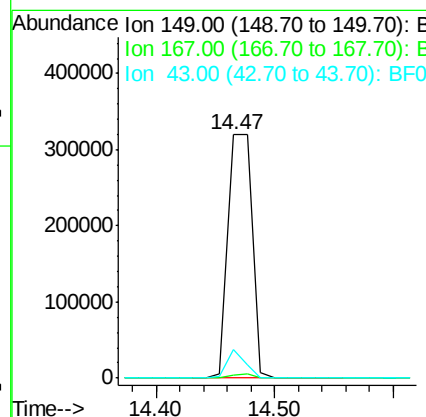
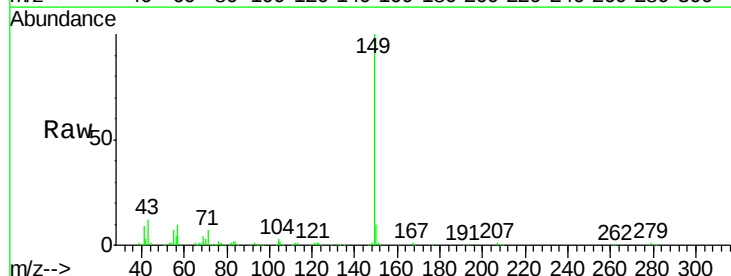
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

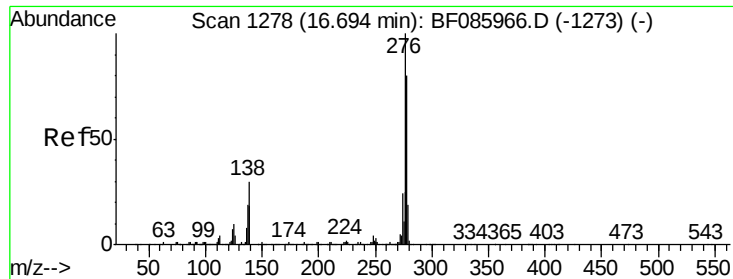
Tgt Ion:149 Resp: 276580
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.4 29.2
 279 2.1 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 17.83 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:149 Resp: 448480
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.6 7.1 10.7

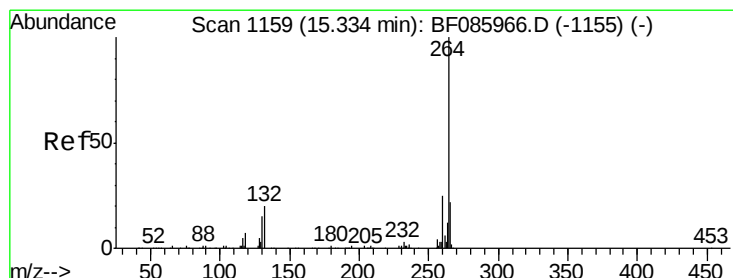
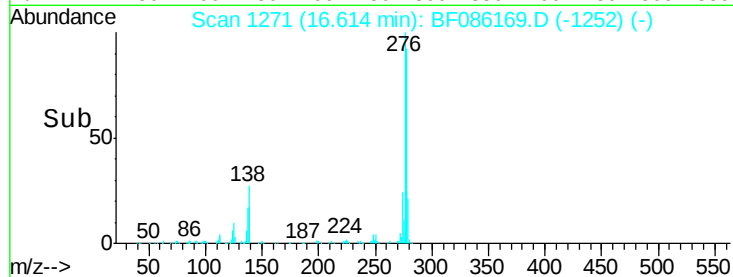
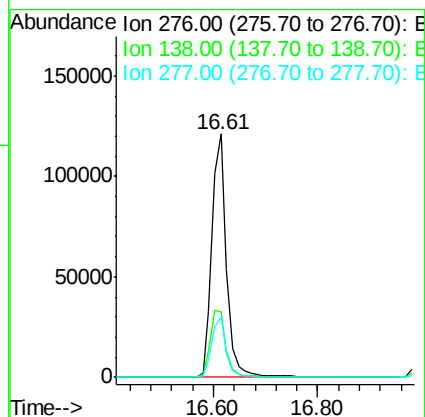
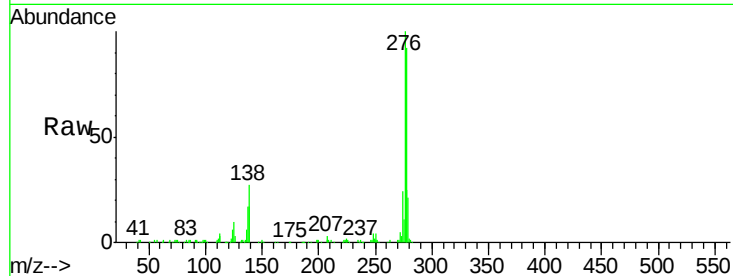




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.76 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. -0.08 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

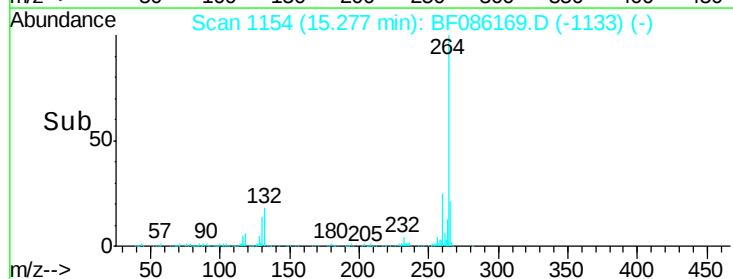
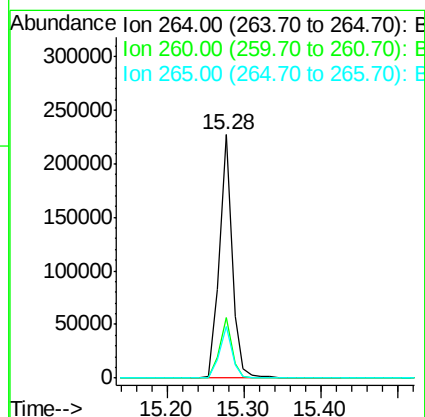
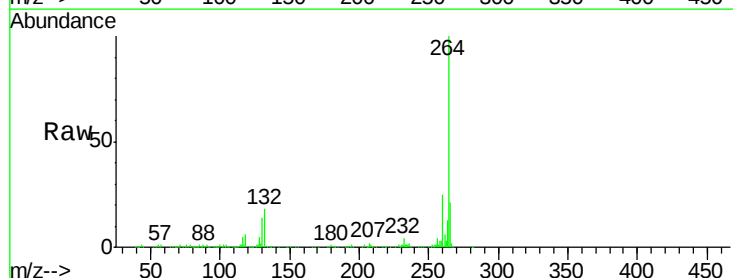
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

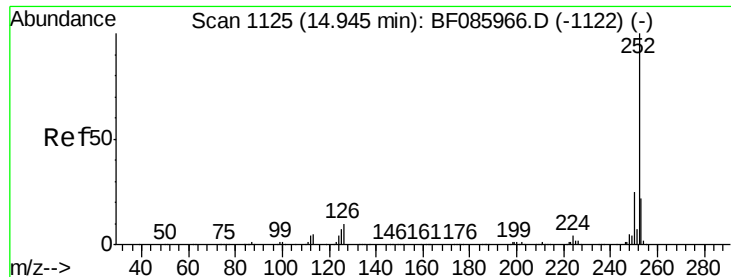
Tgt Ion:	276	Resp:	237143
Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.2	36.4
277	24.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:	264	Resp:	264699
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.3	17.2	25.8

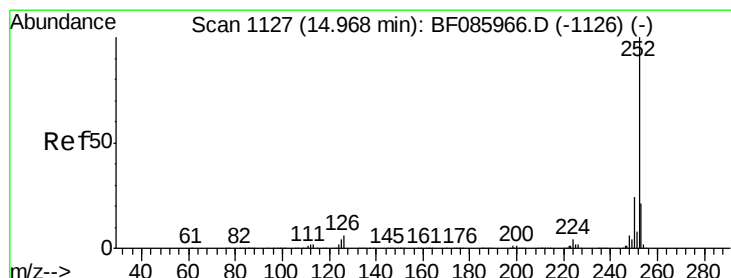
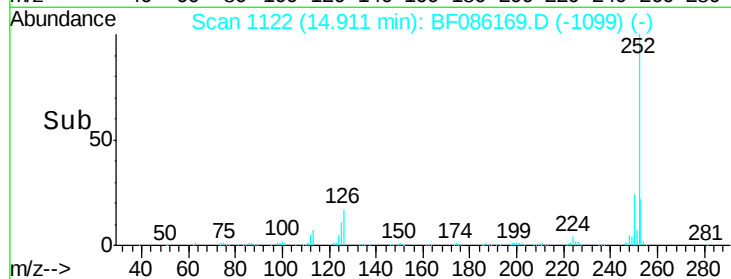
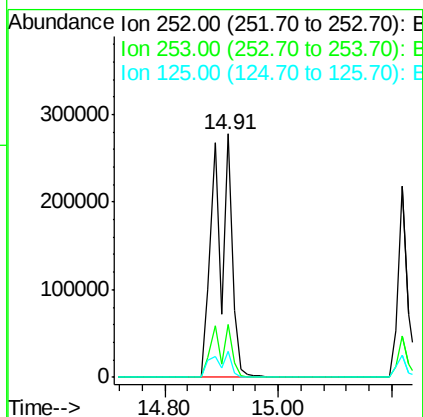
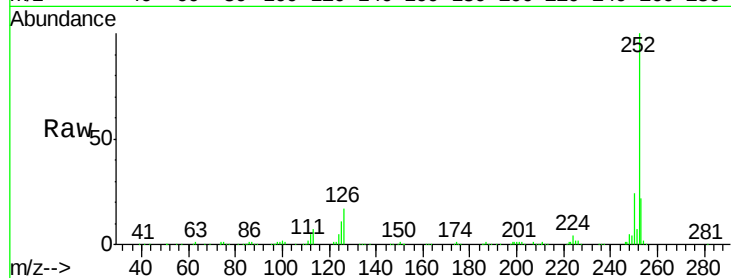




#87
Benzo(b)fluoranthene
Concen: 33.59 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

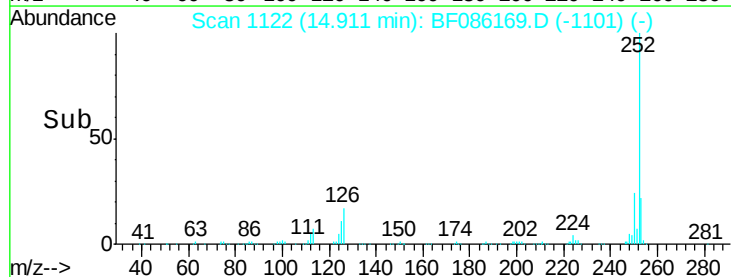
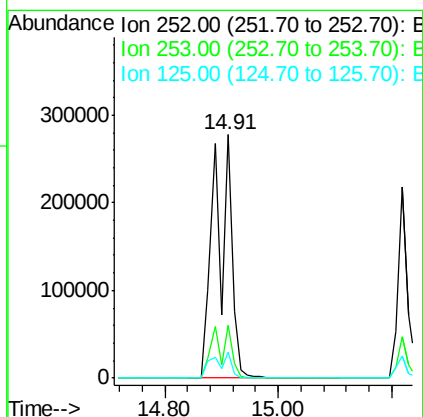
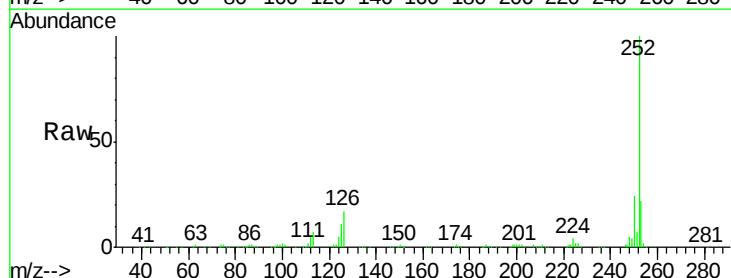
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

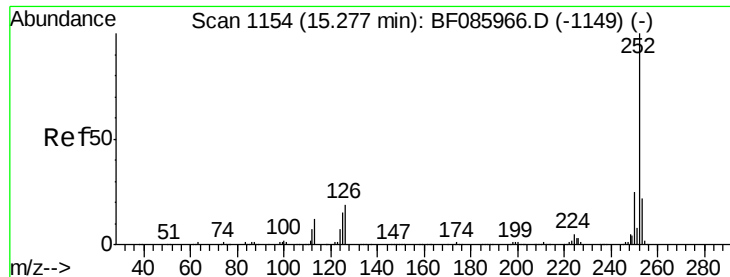
Tgt Ion:252 Resp: 559306
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.9 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 37.93 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion:252 Resp: 559306
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.9 7.7 11.5





#89

Benzo(a)pyrene

Concen: 16.91 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

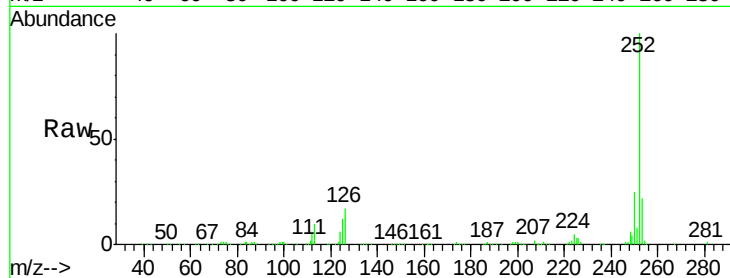
Tgt Ion:252 Resp: 249434

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

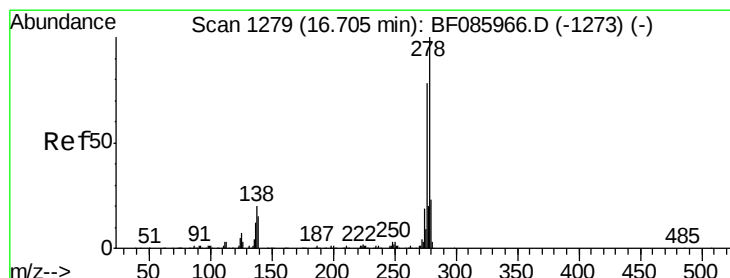
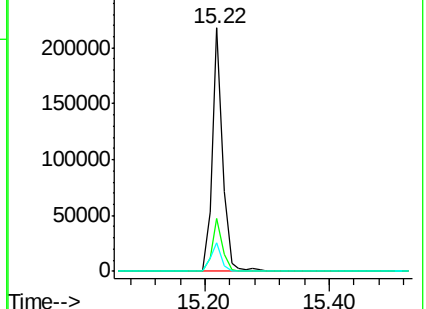
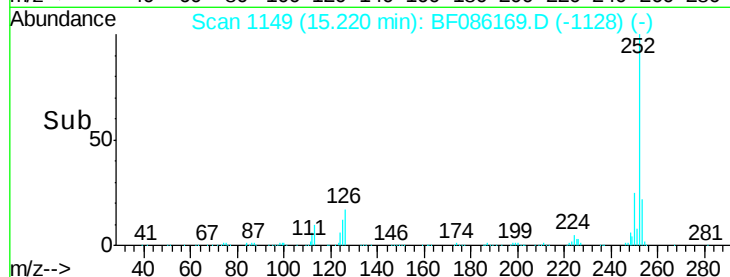
125 11.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 17.06 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.09 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

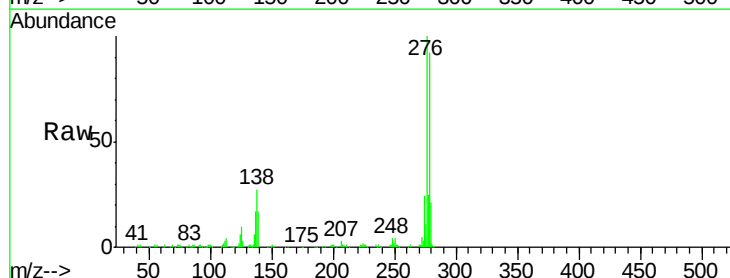
Tgt Ion:278 Resp: 202471

Ion Ratio Lower Upper

278 100

139 18.8 14.4 21.6

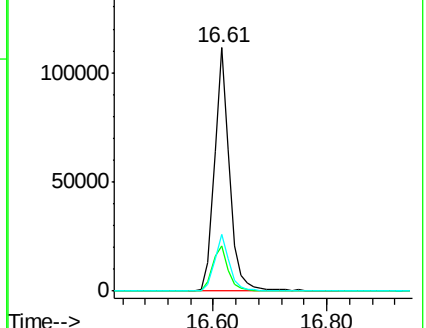
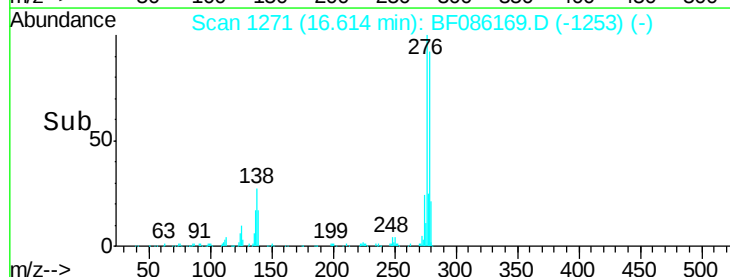
279 23.1 19.1 28.7

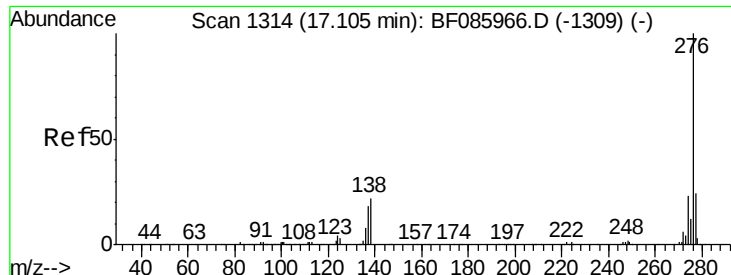


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 16.92 ng

RT: 17.00 min Scan# 1305

Delta R.T. -0.10 min

Lab File: BF086169.D

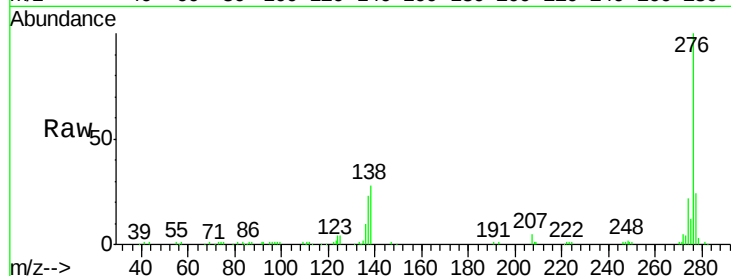
Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02



Tgt Ion:	276	Resp:	194377
Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	28.0	22.6	34.0

