

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085984.D
 Acq On : 2 Apr 2016 2:06
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 1PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 02:33:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105281	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422605	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192544	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	391089	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346529	20.00	ng	0.00
86) Perylene-d12	15.33	264	288165	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	744419	120.86	ng	0.00
7) Phenol-d6	6.42	99	1007413	128.77	ng	0.00
23) Nitrobenzene-d5	7.34	82	615922	85.95	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	283059	156.63	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1086759	93.85	ng	0.00
78) Terphenyl-d14	12.88	244	1118334	75.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	1414	0.48	ng	# 75
6) Aniline	6.45	93	6008	0.59	ng	90
8) 2-Chlorophenol	6.56	128	6446	0.88	ng	85
9) Benzaldehyde	6.37	77	3589	0.85	ng	95
10) Phenol	6.43	94	7054	0.79	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	6302	0.89	ng	96
12) 1,3-Dichlorobenzene	6.73	146	6377	0.82	ng	# 94
13) 1,4-Dichlorobenzene	6.80	146	6811	0.85	ng	93
14) 1,2-Dichlorobenzene	6.94	146	6153	0.83	ng	96
15) Benzyl Alcohol	6.92	79	9672	1.91	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.06	45	6616	0.77	ng	# 34
17) 2-Methylphenol	7.06	107	6081	1.05	ng	# 73
18) Hexachloroethane	7.28	117	2354	0.80	ng	# 76
19) n-Nitroso-di-n-propylamine	7.18	70	3528	0.73	ng	# 78
20) 3+4-Methylphenols	7.24	107	5645	0.80	ng	# 66
22) Acetophenone	7.21	105	8265	0.83	ng	# 89
24) Nitrobenzene	7.36	77	8374	1.07	ng	98
25) Isophorone	7.34	82	613904	43.40	ng	# 68
26) 2-Nitrophenol	7.71	139	1783	0.48	ng	# 88
27) 2,4-Dimethylphenol	7.74	122	4206	0.62	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	6516	0.79	ng	95
29) 2,4-Dichlorophenol	7.96	162	3574	0.63	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	5252	0.82	ng	96
31) Naphthalene	8.08	128	18773	0.88	ng	98
32) Benzoic acid	7.74	122	4206	0.85	ng	# 14
33) 4-Chloroaniline	8.08	127	2163	0.25	ng	# 39
34) Hexachlorobutadiene	8.20	225	2648	0.77	ng	97
35) Caprolactam	8.49	113	744	0.41	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	4049	0.63	ng	94
37) 2-Methylnaphthalene	8.88	142	11106	0.80	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	5257	0.91	ng	# 86
42) 2,4,6-Trichlorophenol	9.07	196	2066	0.56	ng	90
43) 2,4,5-Trichlorophenol	9.07	196	2066	0.55	ng	# 79
45) 1,1'-Biphenyl	9.24	154	14315	0.86	ng	96

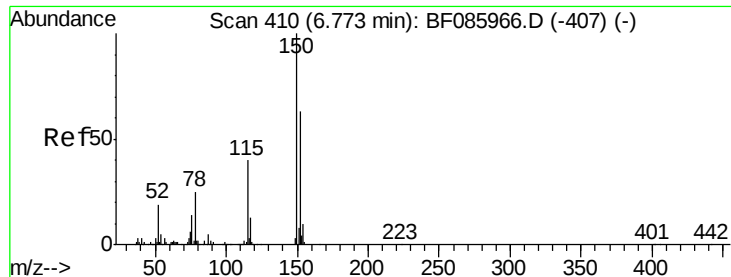
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.26	162	10786	0.90	nq	94
47) 2-Nitroaniline	9.39	65	2190	0.62	nq	# 81
48) Acenaphthylene	9.68	152	16955	0.88	nq	98
49) Dimethylphthalate	9.54	163	12043	0.84	nq	98
50) 2,6-Dinitrotoluene	9.61	165	1772	0.59	nq	96
51) Acenaphthene	9.84	154	11909	1.04	nq	98
52) 3-Nitroaniline	9.80	138	1723	0.47	nq	# 1
54) Dibenzofuran	10.02	168	16478	1.09	nq	94
55) 4-Nitrophenol	10.02	139	7073	3.30	nq	# 10
56) 2,4-Dinitrotoluene	10.03	165	1872	0.49	nq	# 47
57) Fluorene	10.36	166	12481	0.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	1916	0.68	nq	# 86
59) Diethylphthalate	10.24	149	11965	0.83	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	5912	0.98	nq	95
61) 4-Nitroaniline	10.41	138	929	0.26	nq	75
62) Azobenzene	10.51	77	12086	0.88	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	654	0.28	nq	# 61
65) n-Nitrosodiphenylamine	10.46	169	9867	0.81	nq	97
66) 4-Bromophenyl-phenylether	10.84	248	2985	0.75	nq	90
67) Hexachlorobenzene	10.91	284	3409	0.83	nq	94
68) Atrazine	11.00	200	2763	0.70	nq	94
70) Phenanthrene	11.32	178	20327	0.95	nq	96
71) Anthracene	11.38	178	19439	0.87	nq	97
72) Carbazole	11.54	167	15864	0.83	nq	98
73) Di-n-butylphthalate	11.86	149	17219	0.72	nq	98
74) Fluoranthene	12.51	202	17984	0.81	nq	90
76) Benzidine	12.65	184	3572	0.29	nq	# 84
77) Pvrene	12.74	202	18451	0.76	nq	99
79) Butylbenzylphthalate	13.35	149	5556	0.51	nq	# 78
80) Benzo(a)anthracene	13.92	228	18598	0.91	nq	96
81) 3,3'-Dichlorobenzidine	13.89	252	2473	0.17	nq	# 77
82) Chrysene	13.95	228	15795	0.80	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	8081	0.55	nq	# 99
84) Di-n-octyl phthalate	14.51	149	9488	0.41	nq	# 89
85) Indeno(1,2,3-cd)pvrene	16.71	276	10306	0.65	nq	92
87) Benzo(b)fluoranthene	14.95	252	26944	1.49	nq	# 95
88) Benzo(k)fluoranthene	14.95	252	26944	1.68	nq	98
89) Benzo(a)pyrene	15.28	252	12879	0.80	nq	96
90) Dibenzo(a,h)anthracene	16.71	278	8487	0.66	nq	96
91) Benzo(g,h,i)perylene	17.12	276	8494	0.68	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

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LOD-WATER2016-01

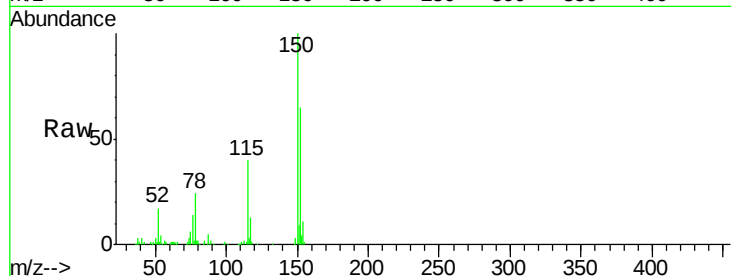
Tot Ion:152 Resp: 105281

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.2

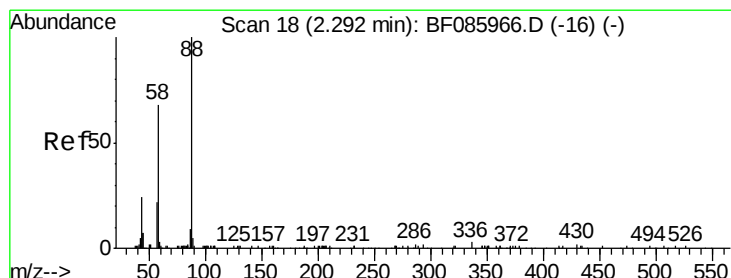
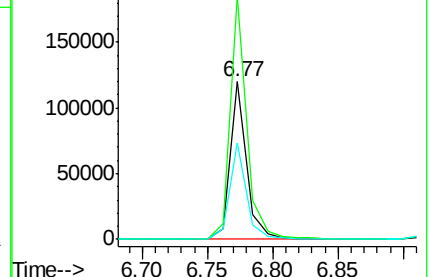
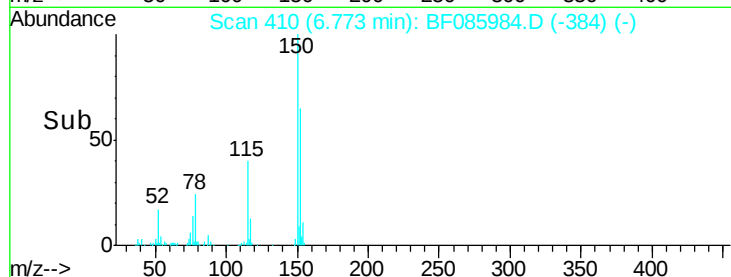
115 61.2 47.0 70.6



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: 0.48 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.11 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

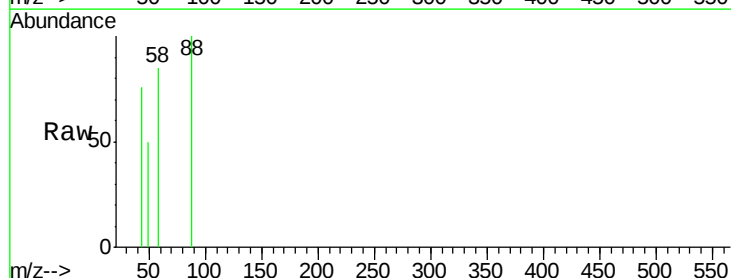
Tgt Ion: 88 Resp: 1414

Ion Ratio Lower Upper

88 100

58 84.8 54.2 81.2#

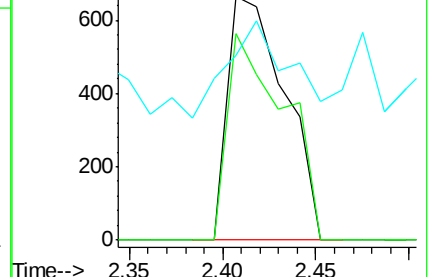
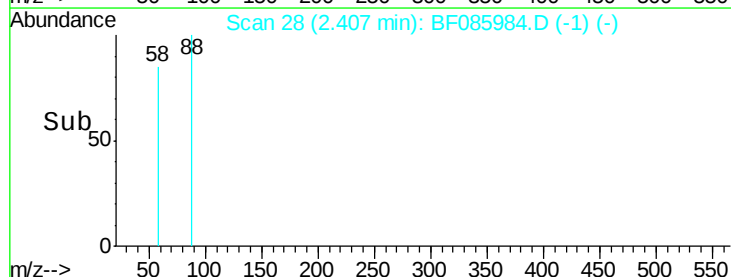
43 42.4 19.3 28.9#

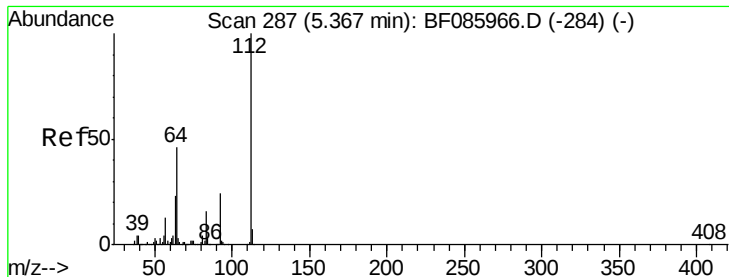


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 120.86 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

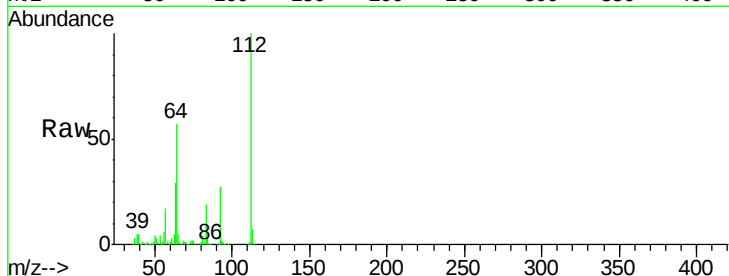
Tot Ion:112 Resp: 744419

Ion Ratio Lower Upper

112 100

64 57.0 39.9 59.9

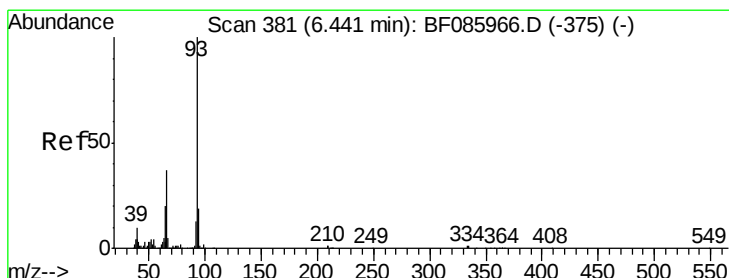
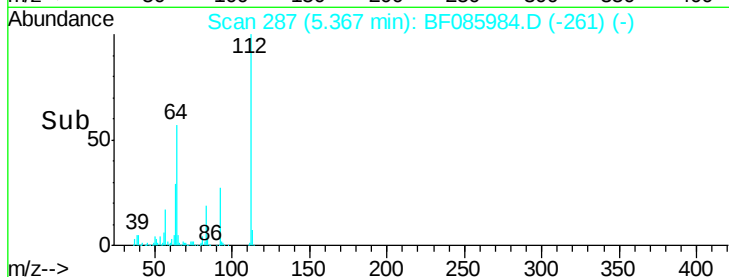
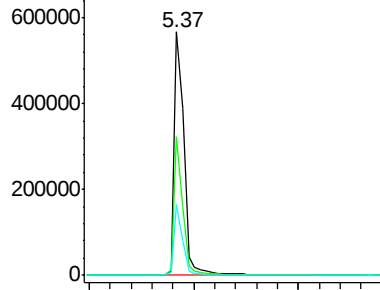
63 29.0 20.2 30.2



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: 0.59 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

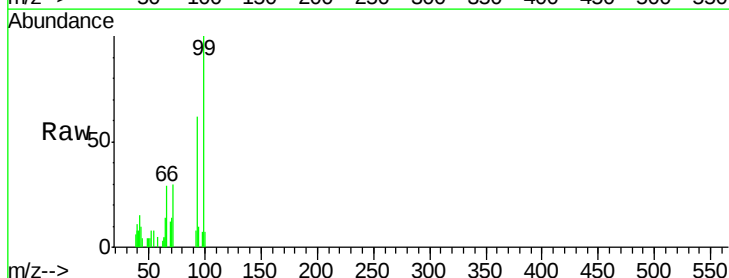
Tgt Ion: 93 Resp: 6008

Ion Ratio Lower Upper

93 100

66 46.6 31.4 47.2

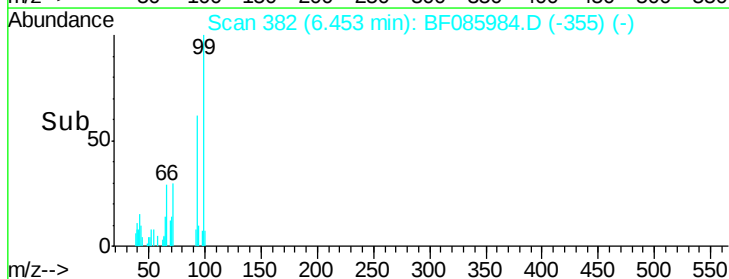
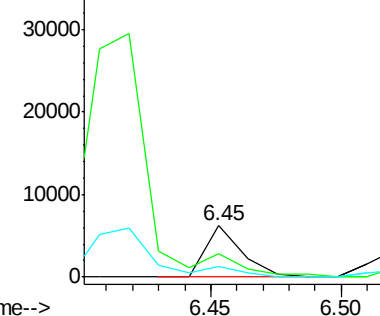
65 21.9 15.7 23.5

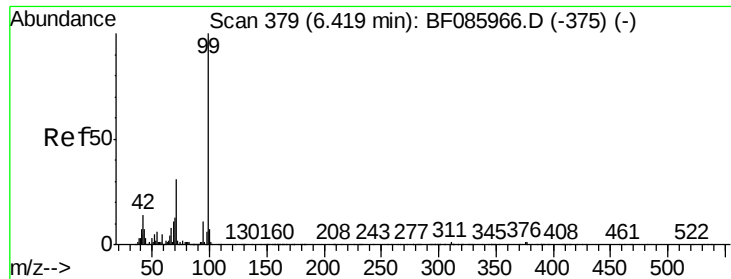


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.77 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

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ClientSampleId :

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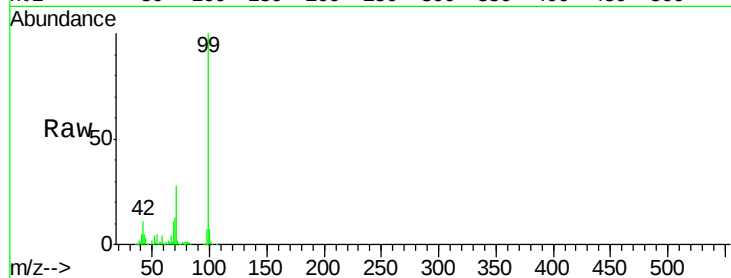
Tot Ion: 99 Resp: 1007413

Ion Ratio Lower Upper

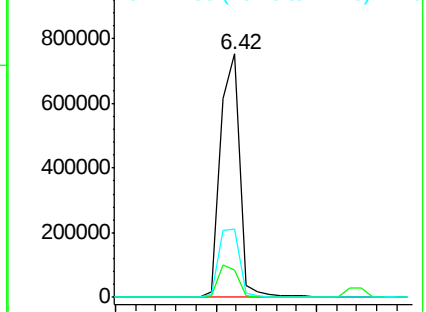
99 100

42 11.2 11.1 16.7

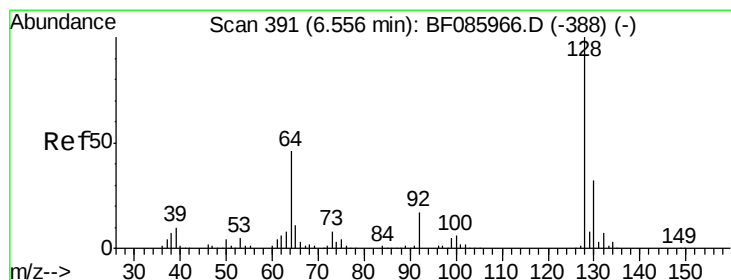
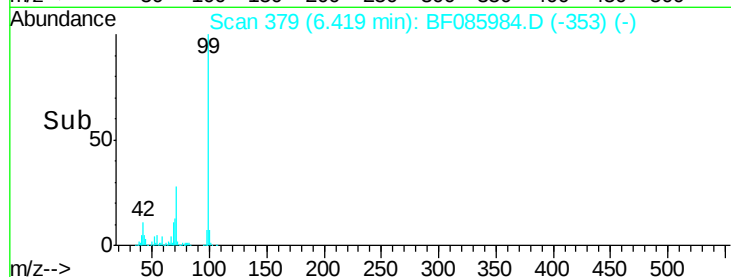
71 27.9 24.9 37.3



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



Time--> 6.30 6.40 6.50



#8

2-Chlorophenol

Concen: 0.88 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

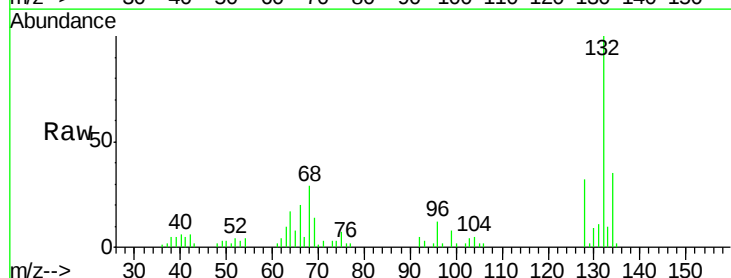
Tgt Ion: 128 Resp: 6446

Ion Ratio Lower Upper

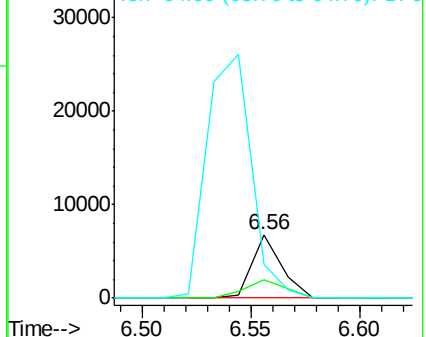
128 100

130 28.2 12.9 52.9

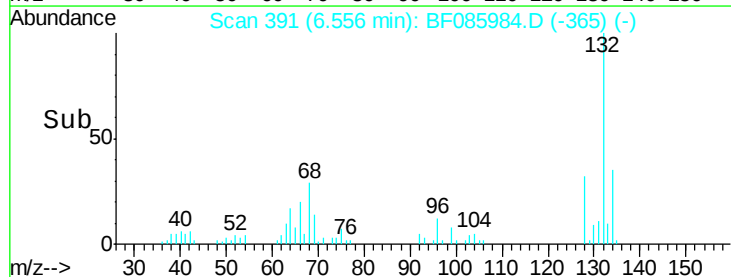
64 52.9 20.2 60.2

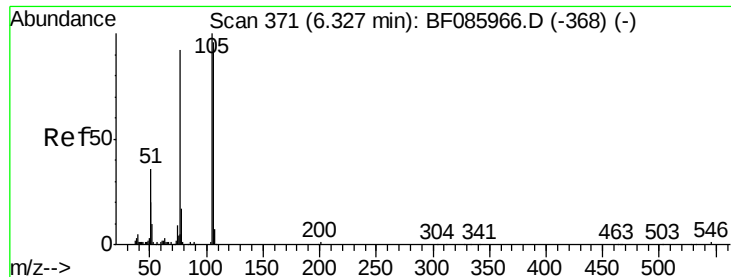


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.50 6.55 6.60





#9

Benzaldehyde

Concen: 0.85 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.05 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

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LOD-WATER2016-01

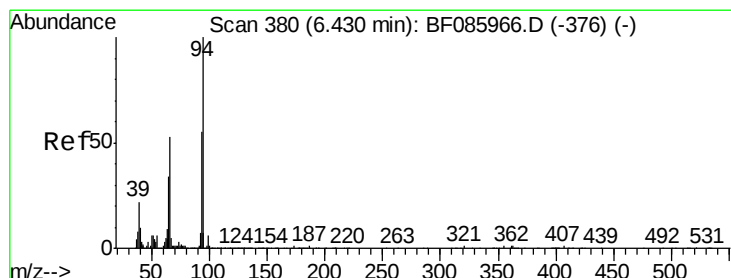
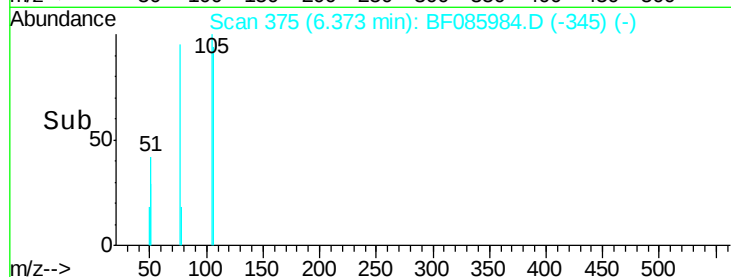
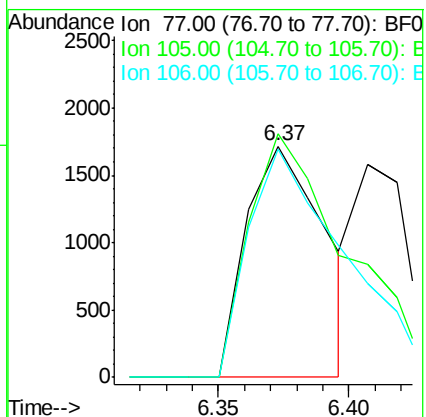
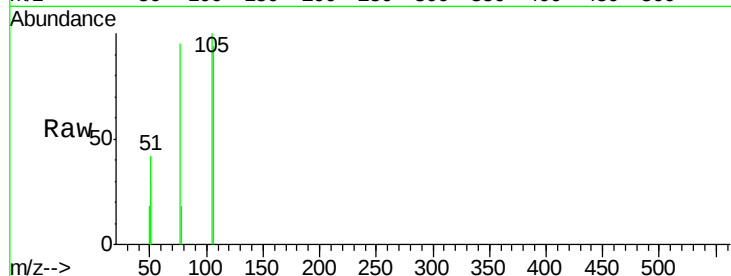
Tot Ion: 77 Resp: 3589

Ion Ratio Lower Upper

77 100

105 105.5 80.1 120.1

106 98.9 75.0 115.0



#10

Phenol

Concen: 0.79 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

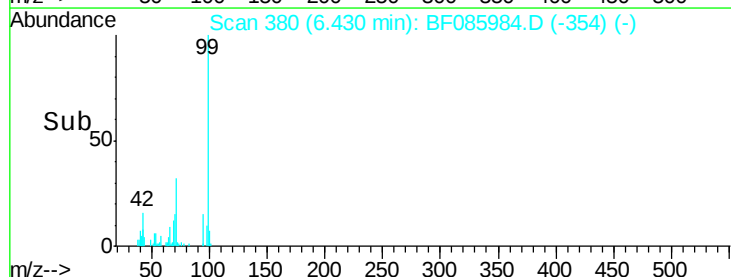
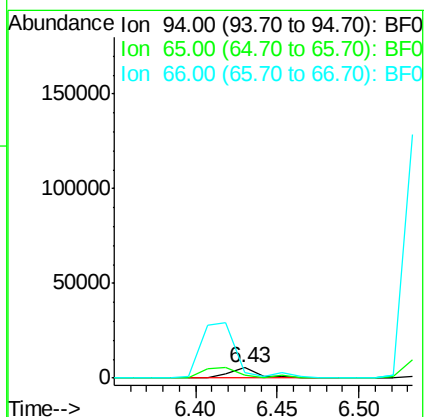
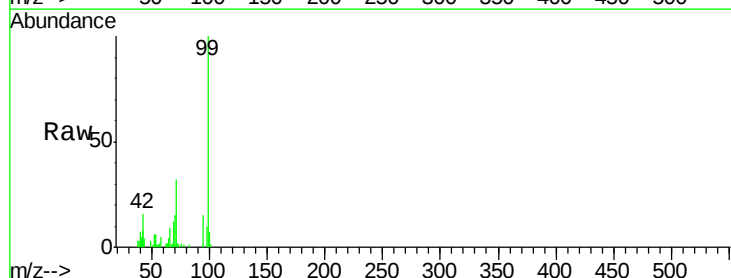
Tgt Ion: 94 Resp: 7054

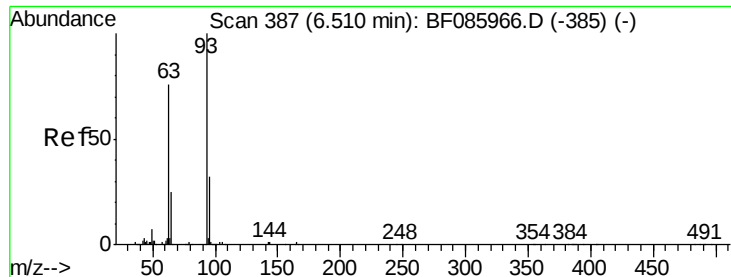
Ion Ratio Lower Upper

94 100

65 28.6 8.6 48.6

66 58.2 20.0 60.0

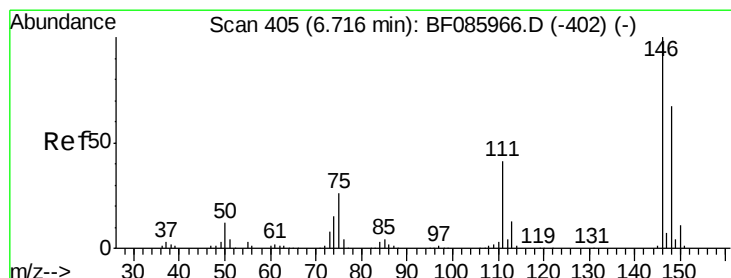
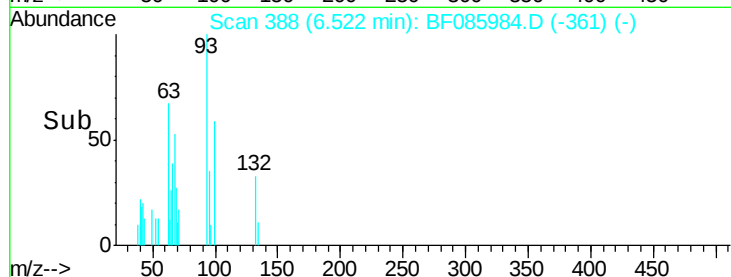
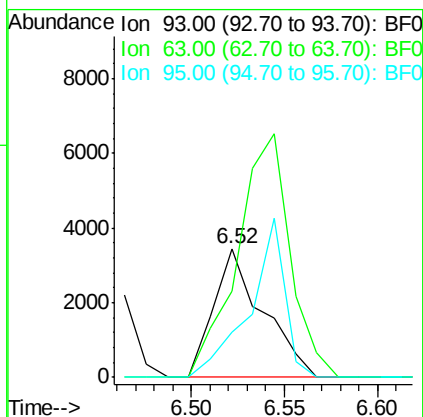
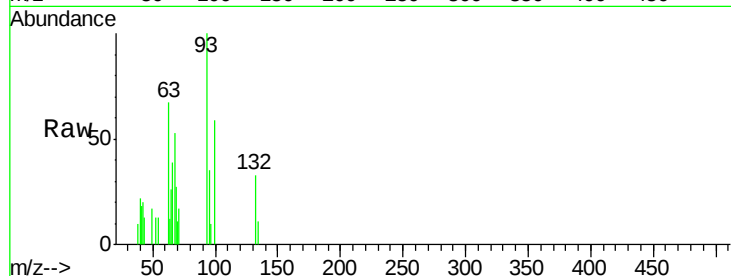




#11
bis(2-Chloroethyl)ether
Concen: 0.89 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

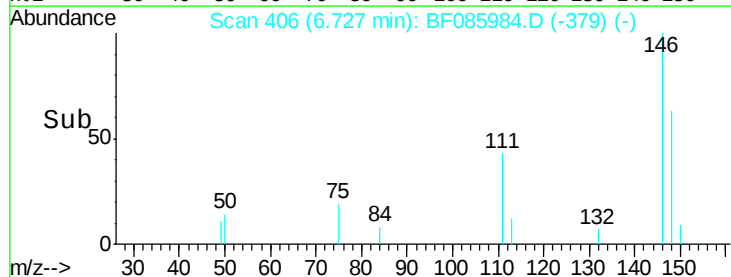
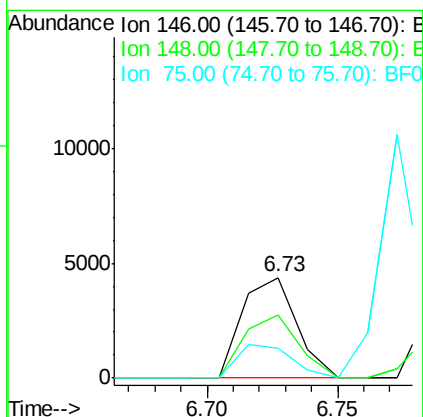
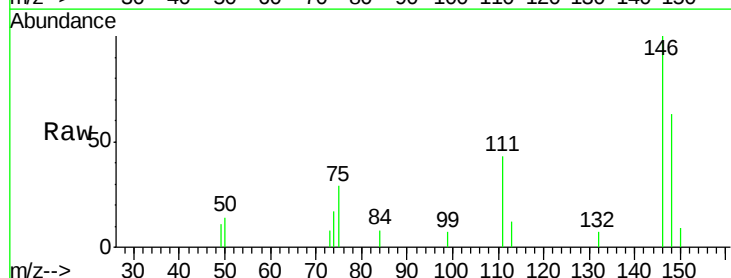
Instrument :
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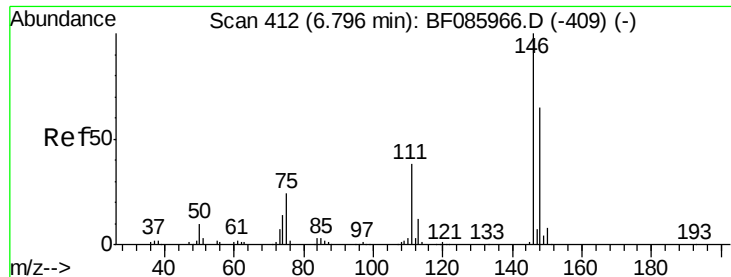
Tot Ion: 93 Resp: 6302
Ion Ratio Lower Upper
93 100
63 67.2 50.9 90.9
95 35.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 0.82 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 146 Resp: 6377
Ion Ratio Lower Upper
146 100
148 62.9 52.3 78.5
75 29.3 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 0.85 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

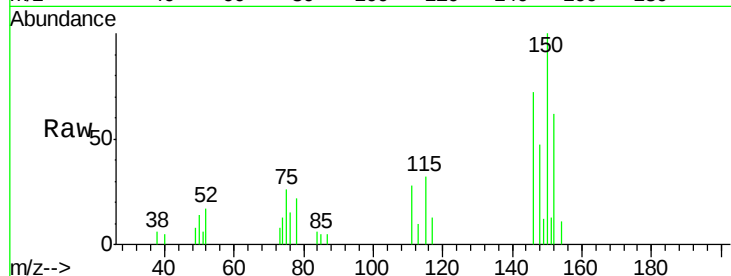
Tot Ion:146 Resp: 6811

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

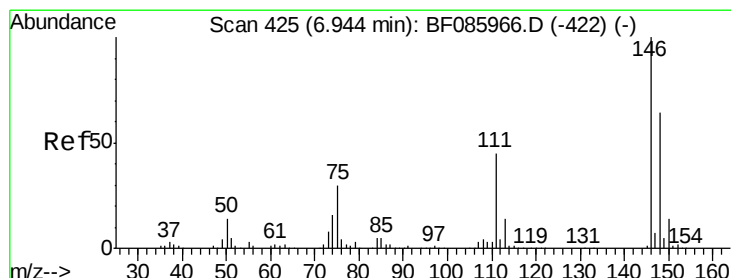
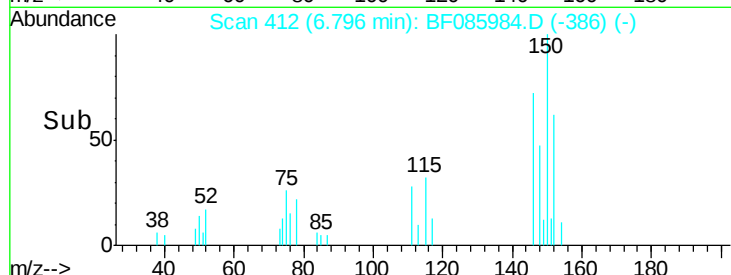
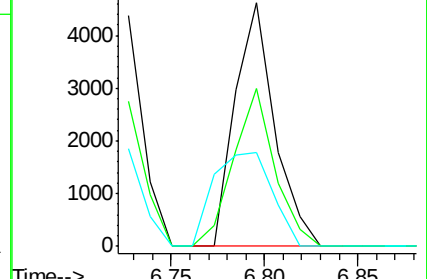
111 38.4 37.8 56.6



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: 0.83 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

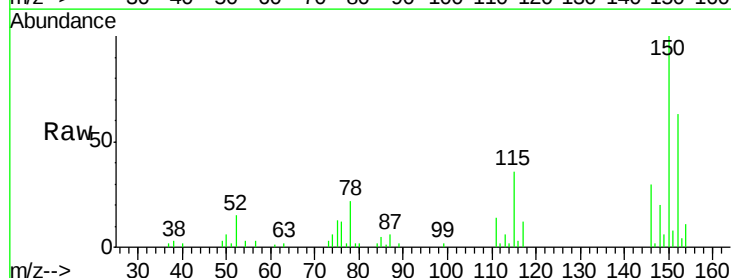
Tgt Ion:146 Resp: 6153

Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.2

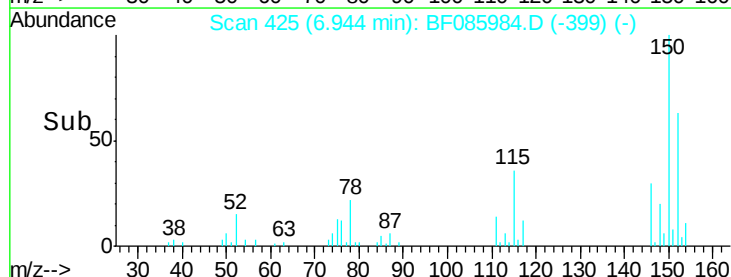
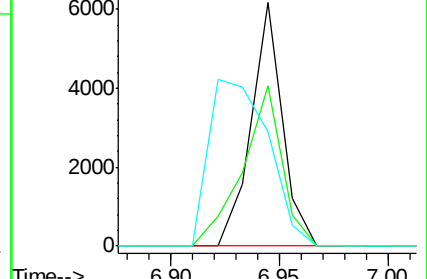
111 47.1 34.6 52.0

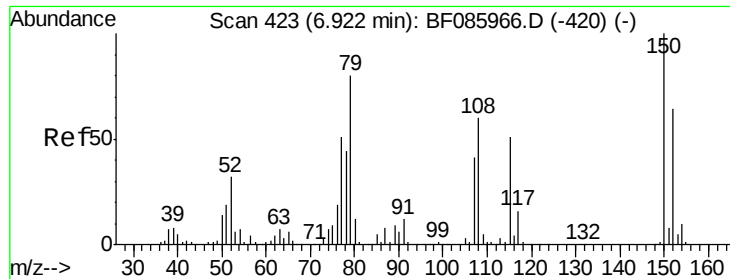


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.91 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

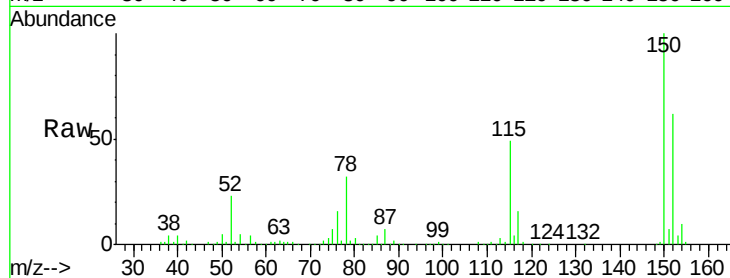
Tot Ion: 79 Resp: 9672

Ion Ratio Lower Upper

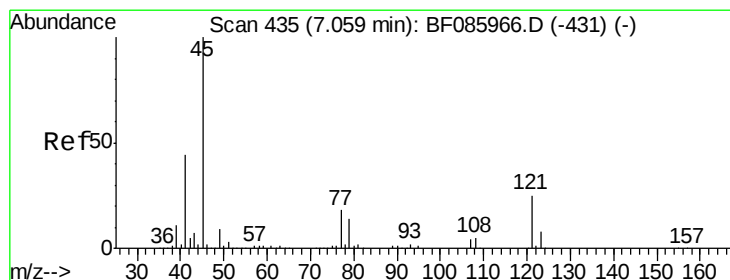
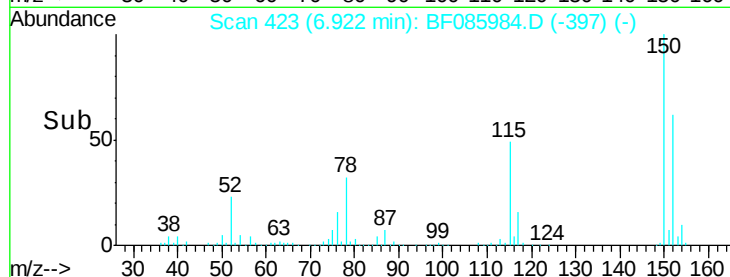
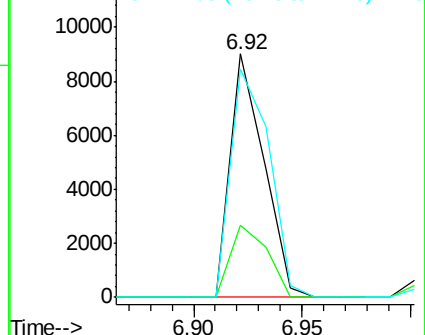
79 100

108 29.4 61.8 92.6#

77 93.6 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: 0.77 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

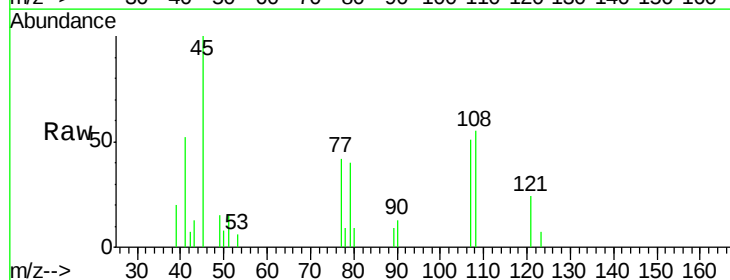
Tgt Ion: 45 Resp: 6616

Ion Ratio Lower Upper

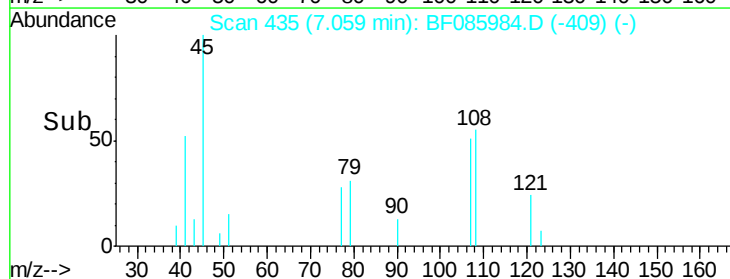
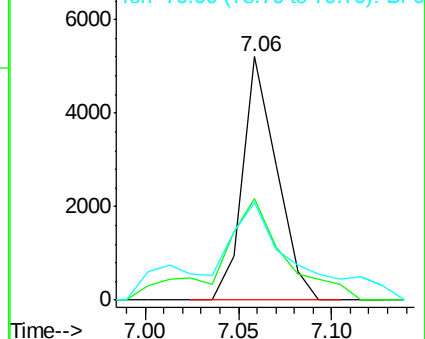
45 100

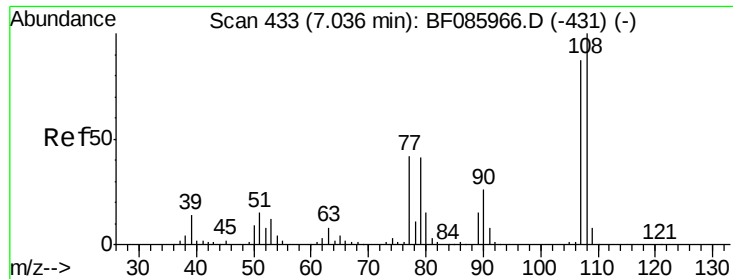
77 41.7 0.0 35.7#

79 40.3 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: 1.05 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:107 Resp: 6081

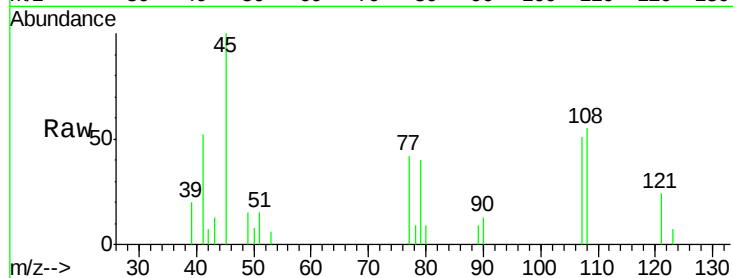
Ion Ratio Lower Upper

107 100

108 108.7 91.4 137.0

77 81.9 36.2 54.2#

79 79.2 35.8 53.8#

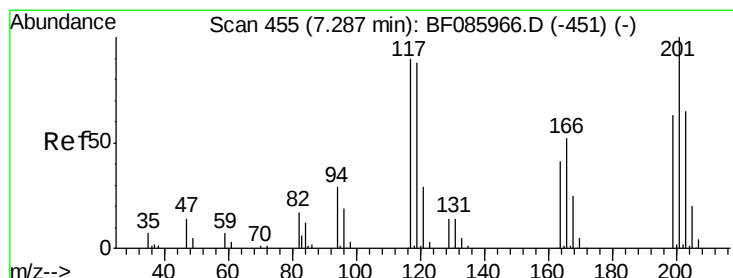
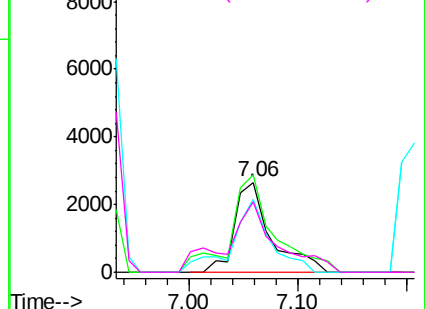
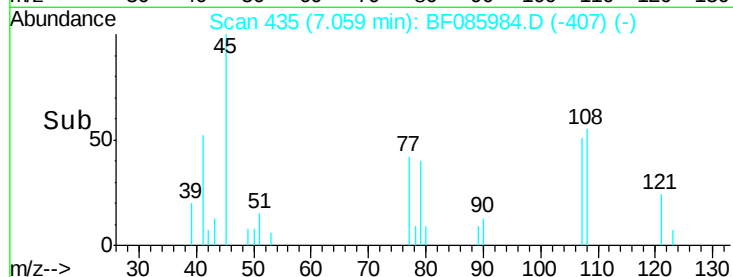


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.80 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

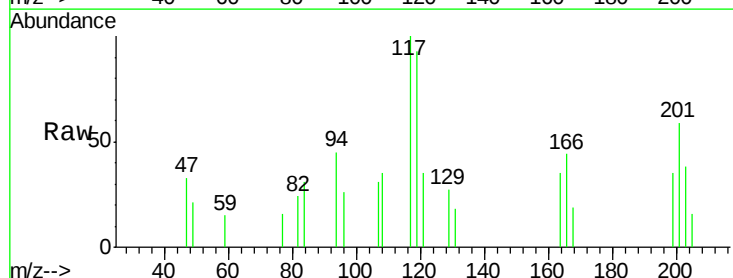
Tgt Ion:117 Resp: 2354

Ion Ratio Lower Upper

117 100

119 92.6 76.7 115.1

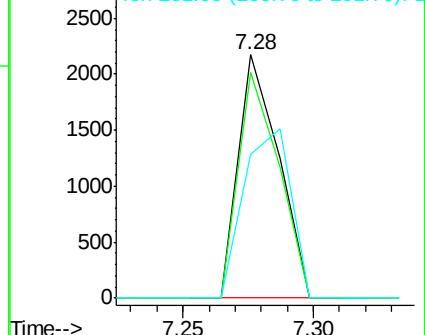
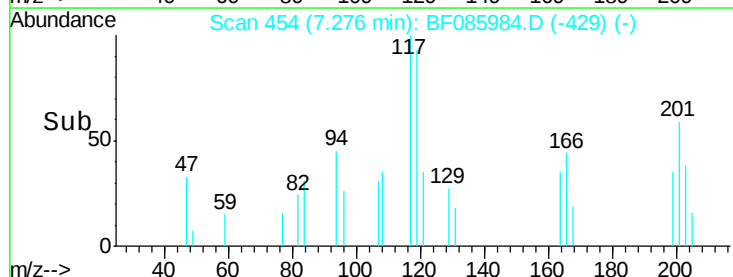
201 59.2 83.3 124.9#

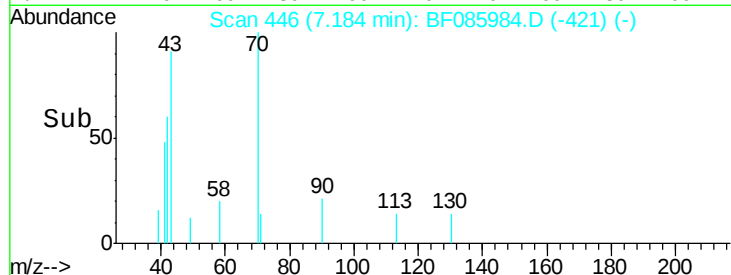
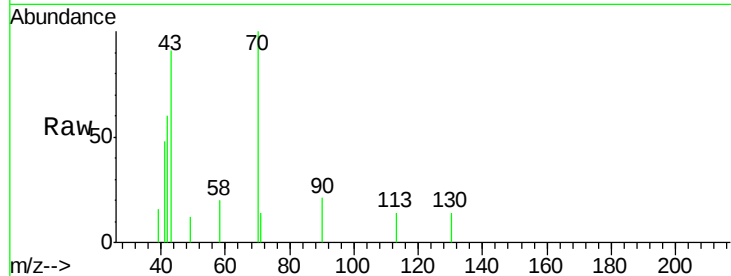
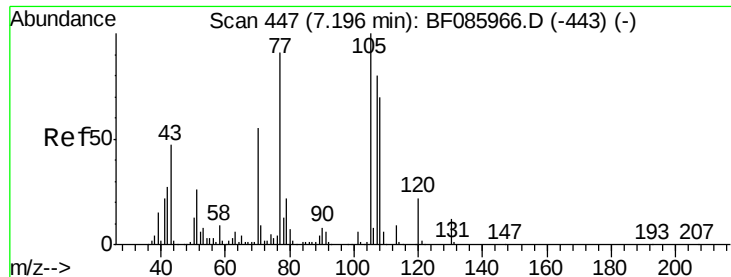


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

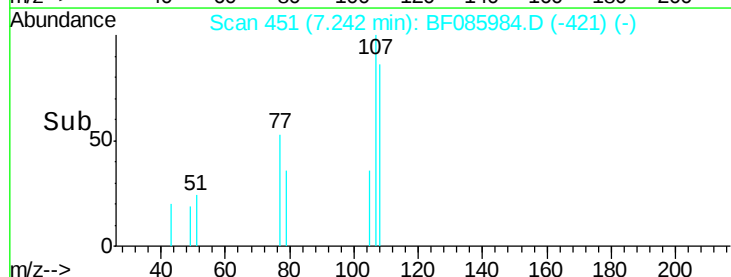
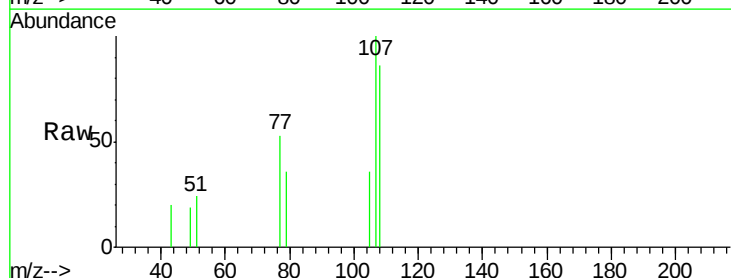
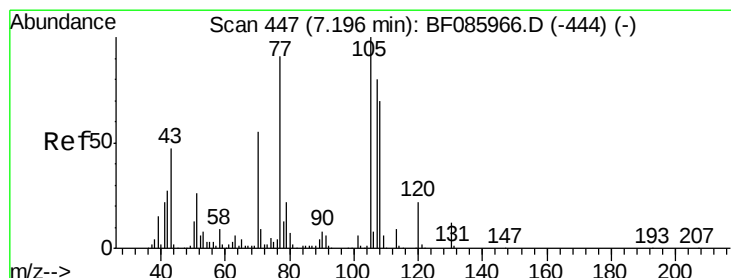
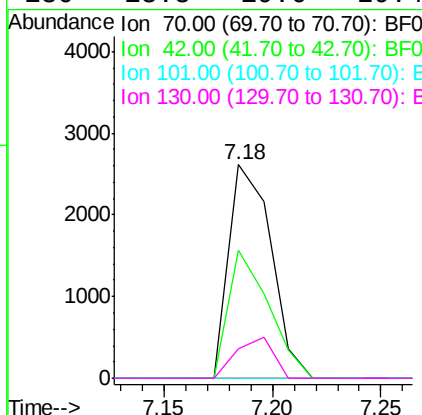




#19
n-Nitroso-di-n-propylamine
Concen: 0.73 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

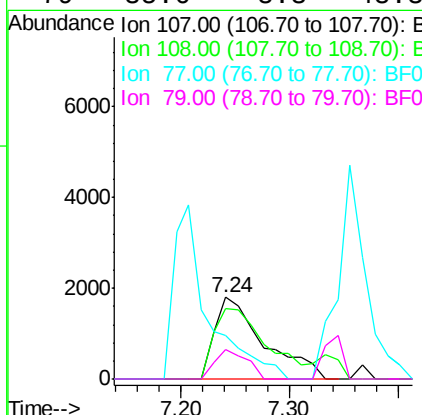
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

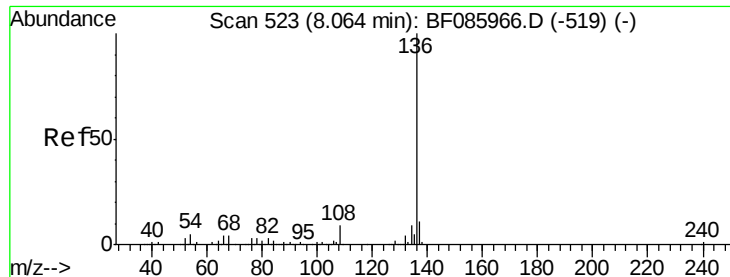
Tot Ion: 70 Resp: 3528
Ion Ratio Lower Upper
70 100
42 60.2 37.1 55.7#
101 0.0 8.6 12.8#
130 13.8 19.6 29.4#



#20
3+4-Methylphenols
Concen: 0.80 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.05 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:107 Resp: 5645
Ion Ratio Lower Upper
107 100
108 85.6 69.3 109.3
77 52.8 101.7 141.7#
79 35.6 8.3 48.3

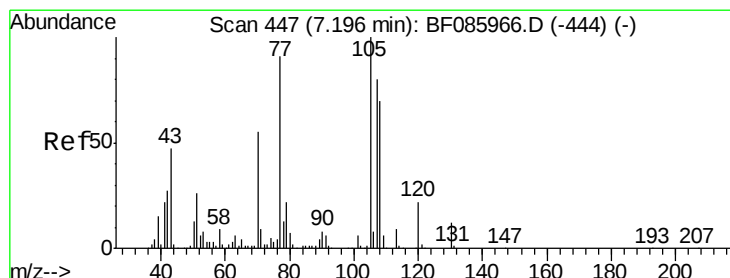
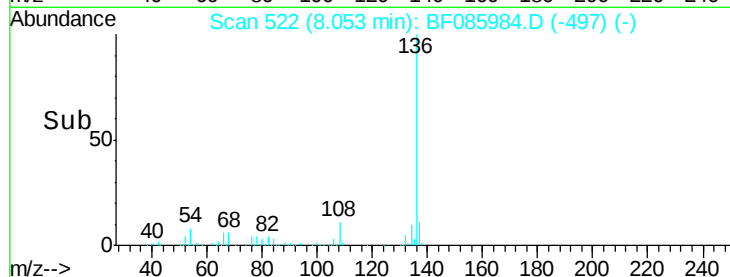
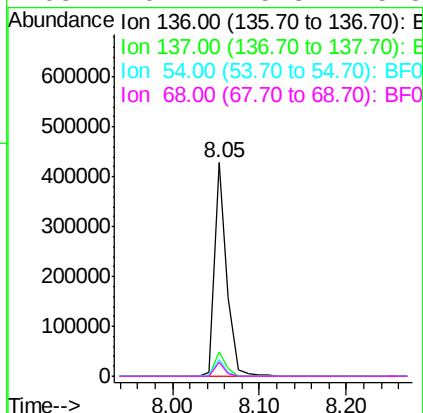
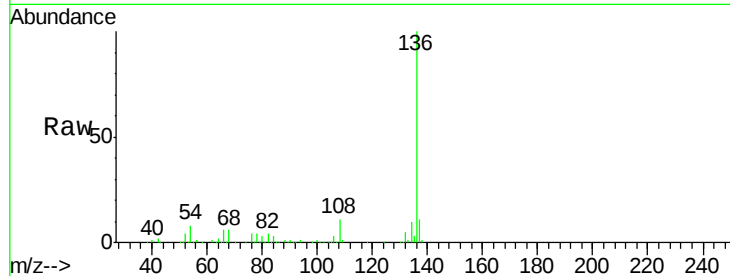




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

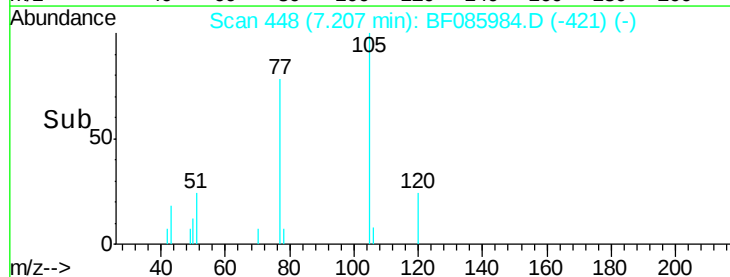
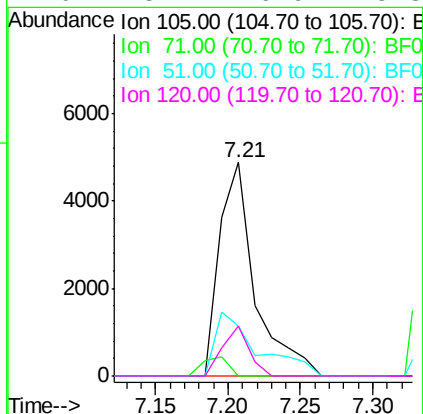
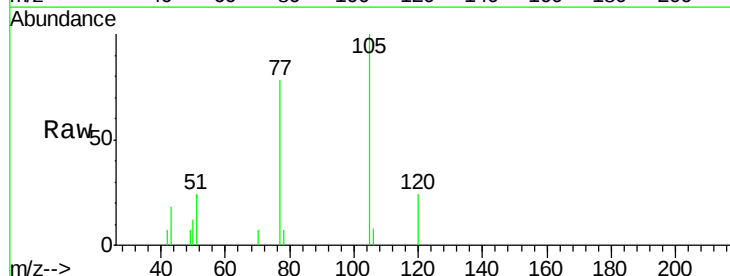
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

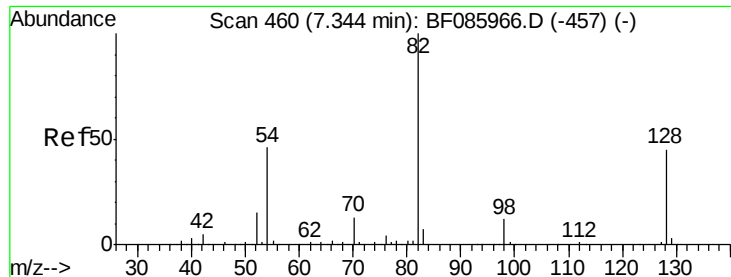
Tot Ion:136	Resp:	422605
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.7	7.4 11.0
68	6.4	5.8 8.8



#22
Acetophenone
Concen: 0.83 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:105	Resp:	8265
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.6 5.4#
51	23.5	25.4 38.0#
120	23.7	16.9 25.3





#23

Nitrobenzene-d5

Concen: 85.95 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

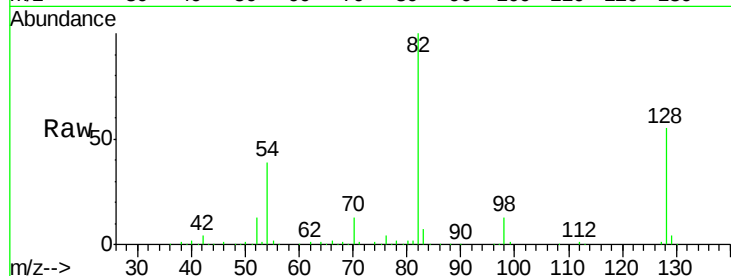
Tot Ion: 82 Resp: 615922

Ion Ratio Lower Upper

82 100

128 54.6 41.8 62.8

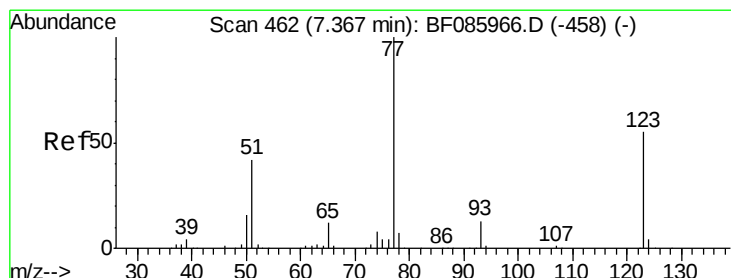
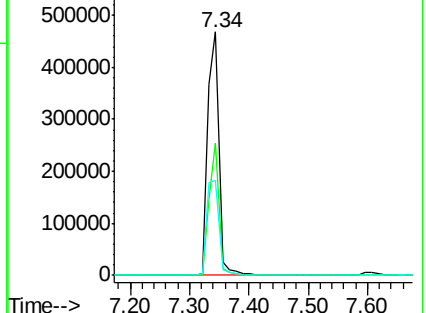
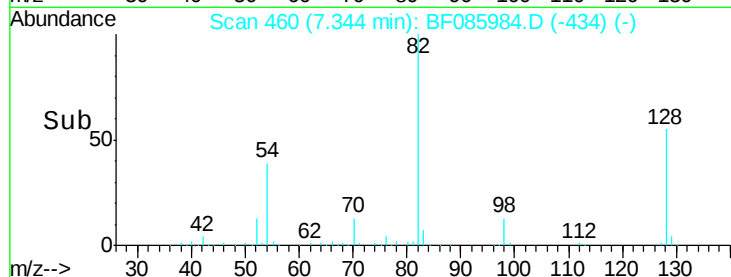
54 39.0 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 1.07 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

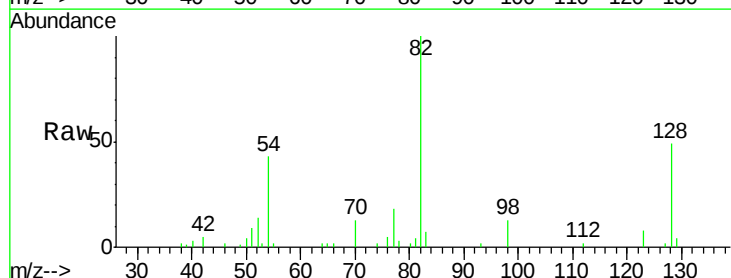
Tgt Ion: 77 Resp: 8374

Ion Ratio Lower Upper

77 100

123 42.4 35.0 52.4

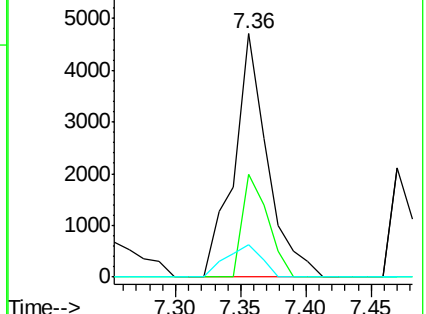
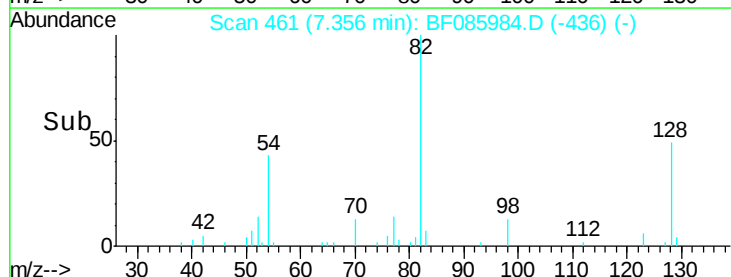
65 13.5 10.6 16.0

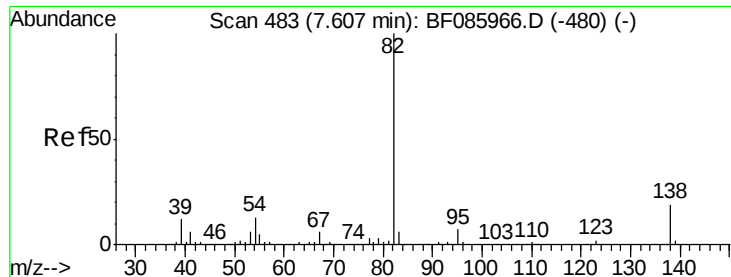


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

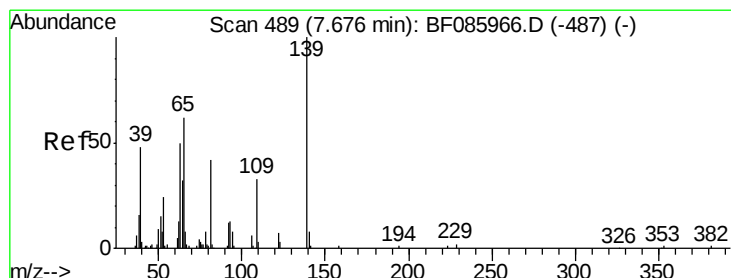
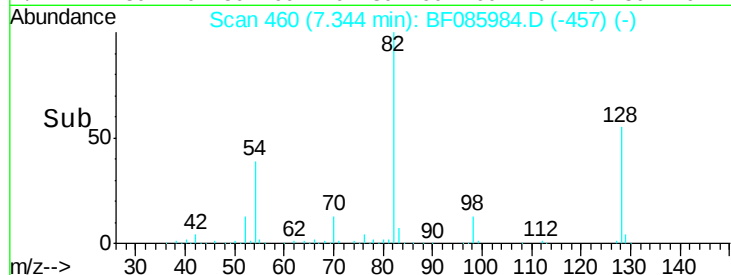
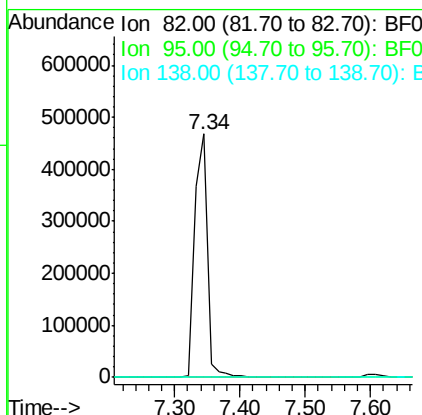
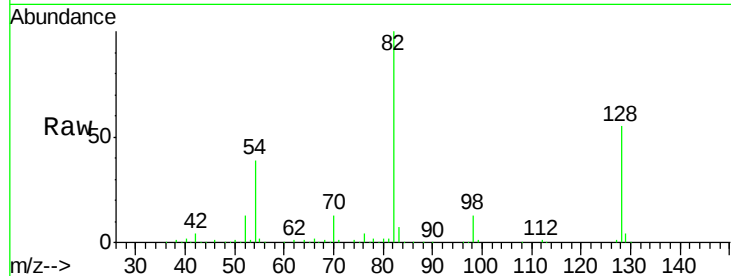




#25
Isophorone
Concen: 43.40 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

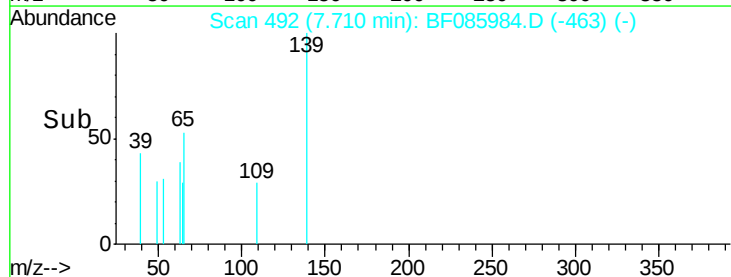
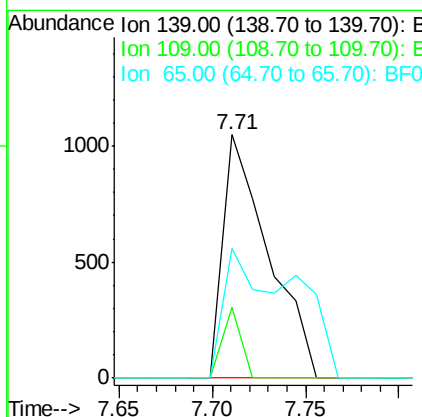
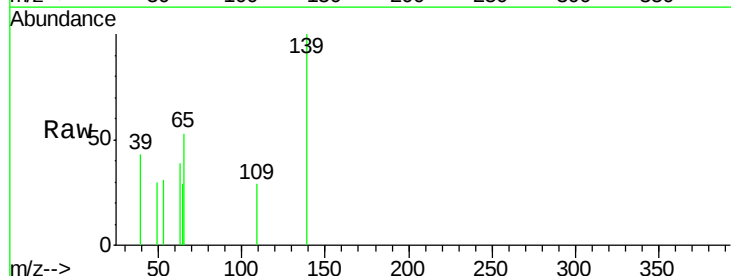
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

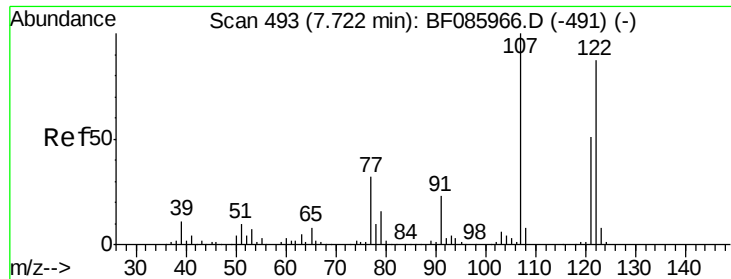
Tot Ion: 82 Resp: 613904
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#26
2-Nitrophenol
Concen: 0.48 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.03 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:139 Resp: 1783
Ion Ratio Lower Upper
139 100
109 29.0 22.1 33.1
65 53.3 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 0.62 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

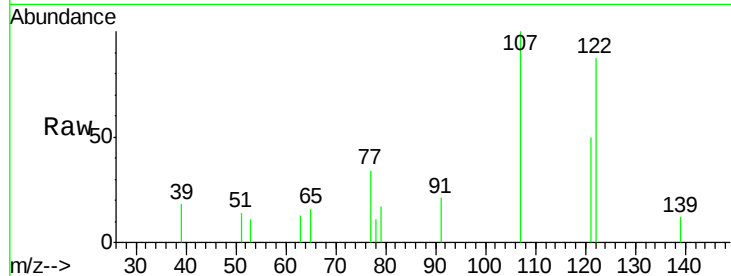
Tot Ion:122 Resp: 4206

Ion Ratio Lower Upper

122 100

107 114.3 93.0 139.6

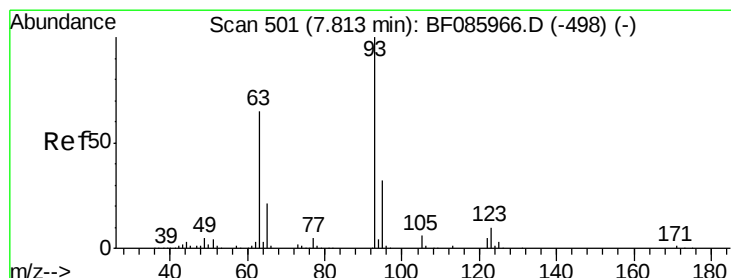
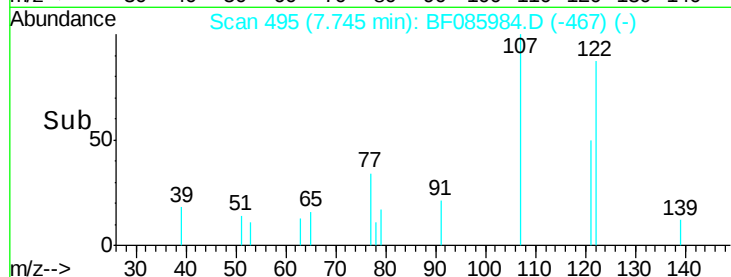
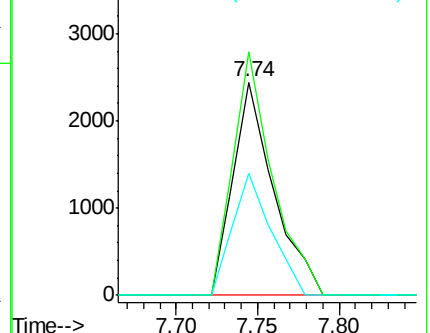
121 57.2 45.9 68.9



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: 0.79 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

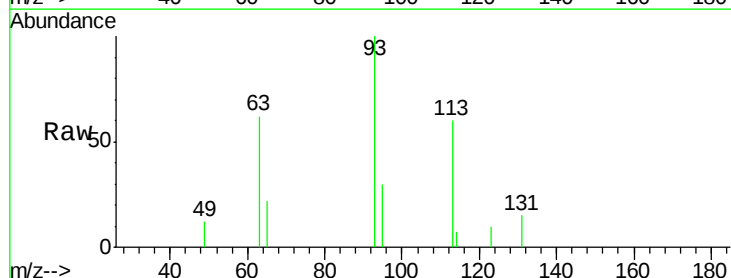
Tgt Ion: 93 Resp: 6516

Ion Ratio Lower Upper

93 100

95 30.1 26.4 39.6

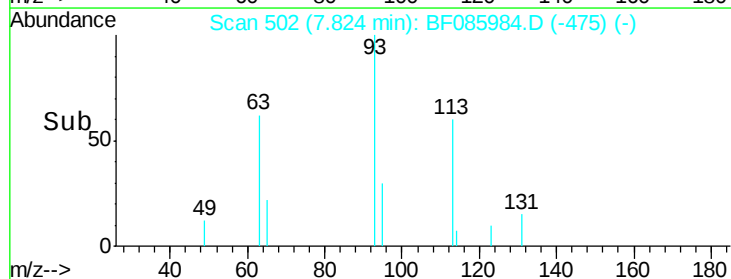
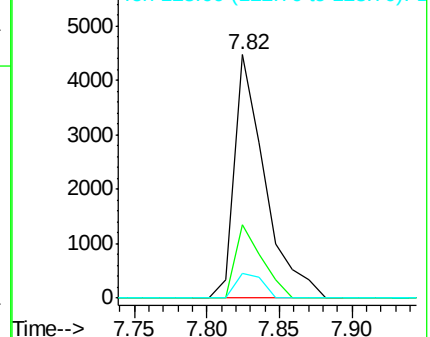
123 10.0 9.8 14.6

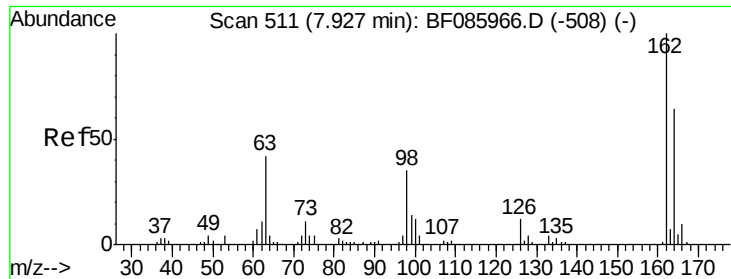


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

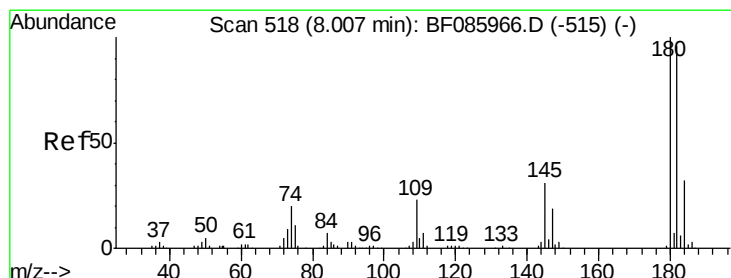
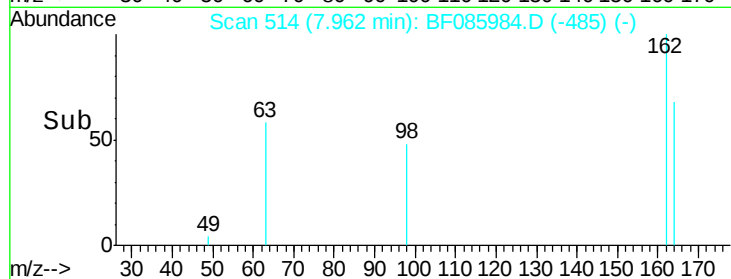
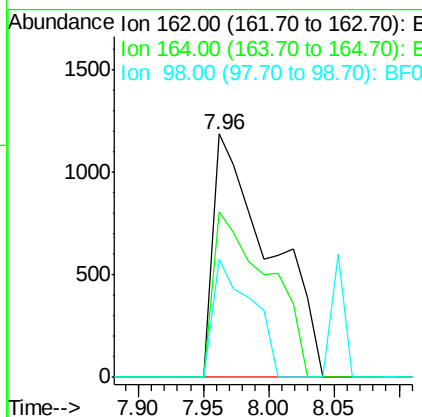
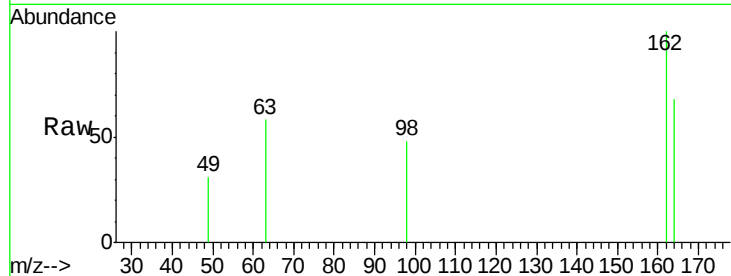




#29
 2,4-Dichlorophenol
 Concen: 0.63 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.03 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

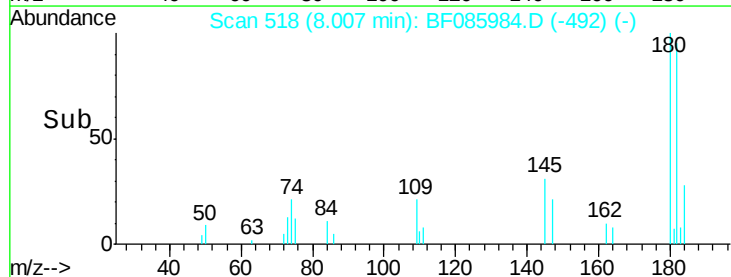
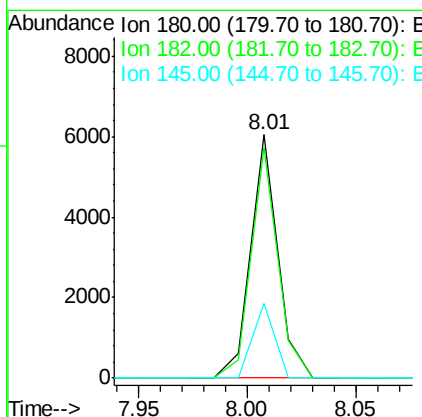
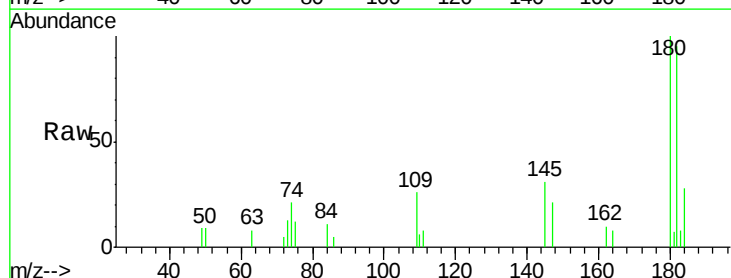
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

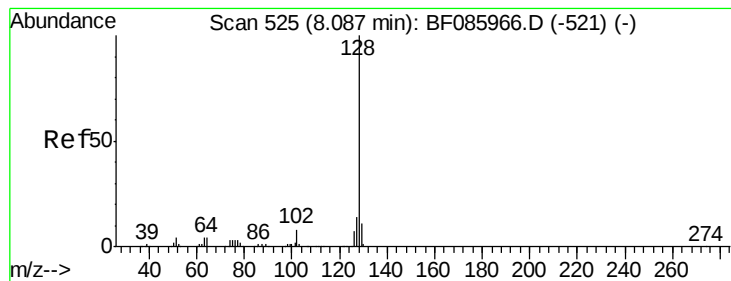
Tot Ion:162 Resp: 3574
 Ion Ratio Lower Upper
 162 100
 164 68.0 43.7 83.7
 98 48.3 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 0.82 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:180 Resp: 5252
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.8 110.8
 145 30.8 28.4 42.6





#31

Naphthalene

Concen: 0.88 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

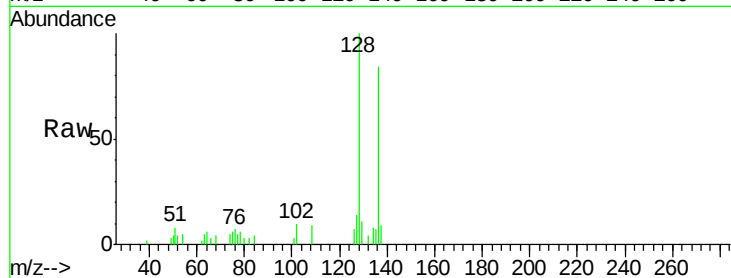
Tot Ion:128 Resp: 18773

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.0

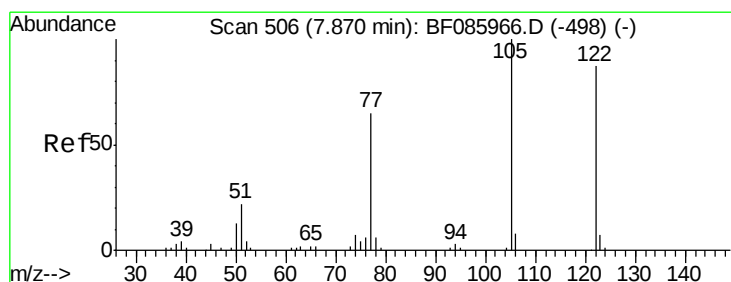
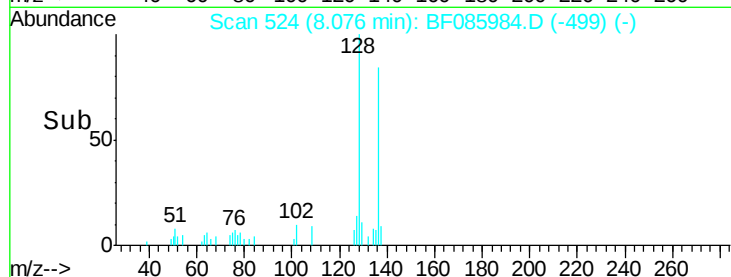
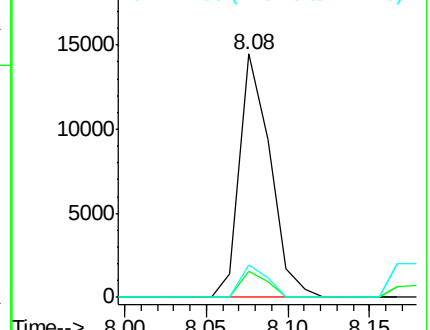
127 13.6 11.0 16.6



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: 0.85 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.13 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

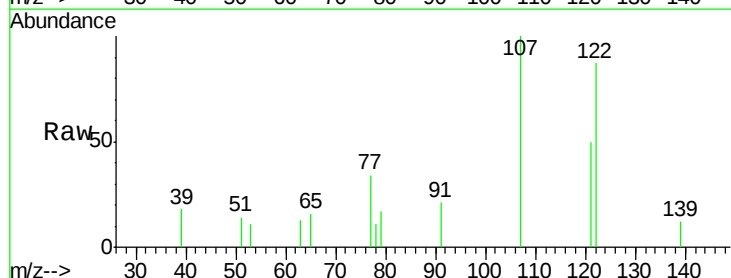
Tgt Ion:122 Resp: 4206

Ion Ratio Lower Upper

122 100

105 0.0 102.9 142.9#

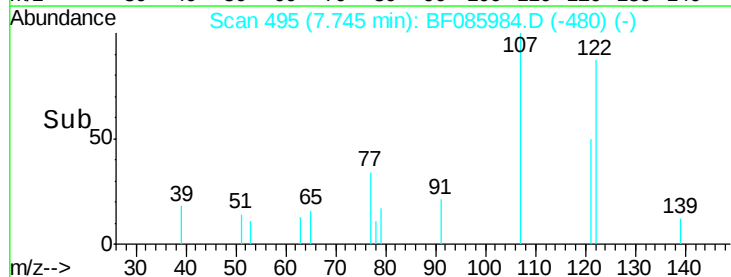
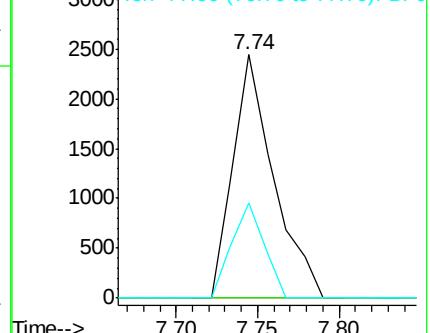
77 39.3 71.8 111.8#

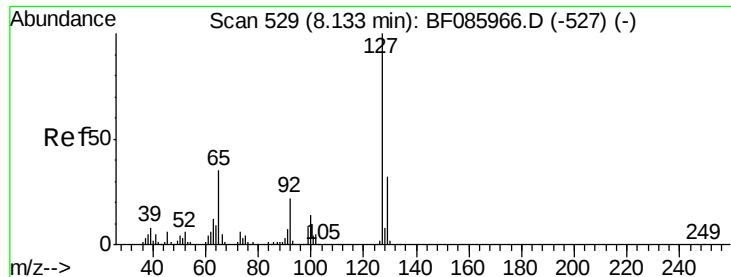


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

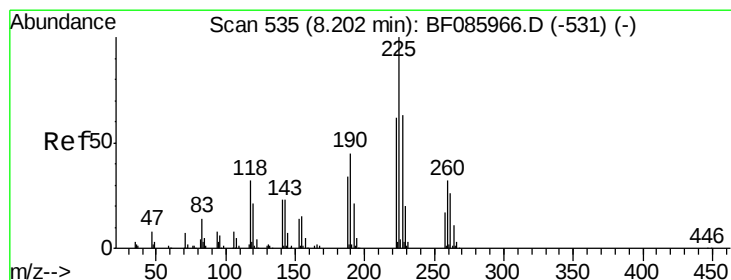
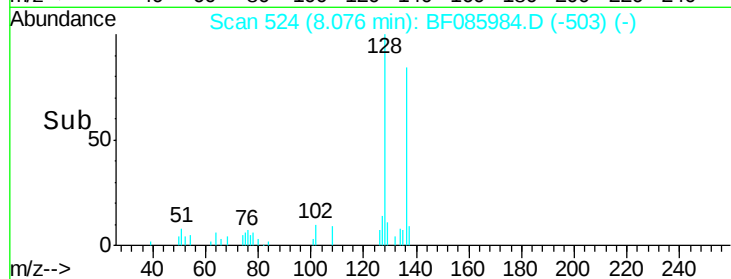
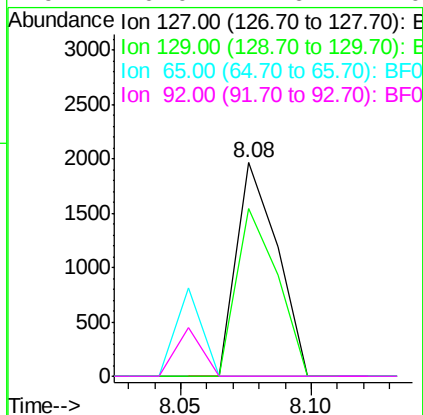
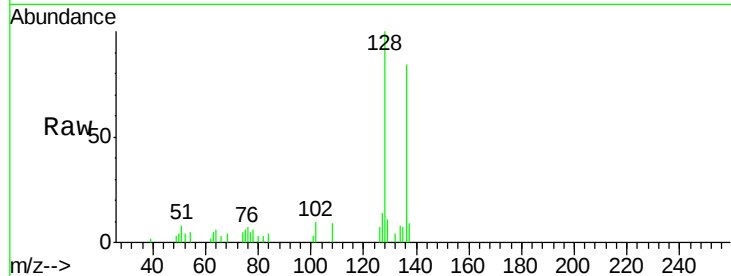




#33
4-Chloroaniline
Concen: 0.25 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

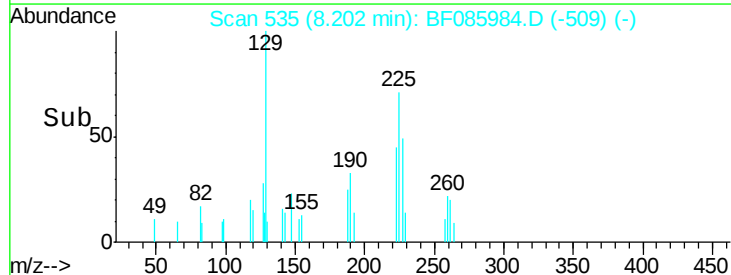
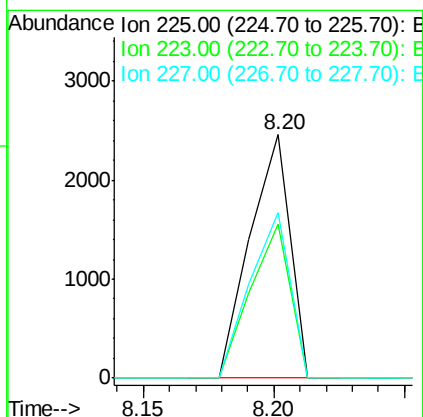
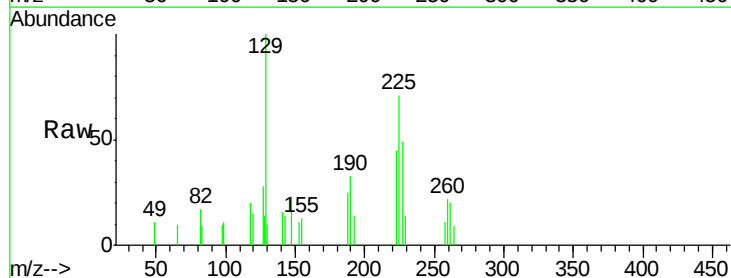
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

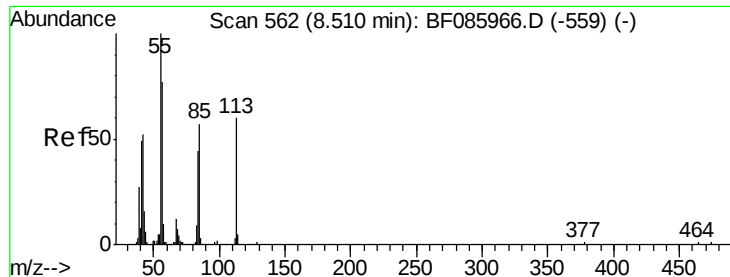
Tot Ion:127	Resp:	2163
Ion Ratio	Lower	Upper
127	100	
129	78.6	26.1 39.1#
65	0.0	19.5 29.3#
92	0.0	14.6 22.0#



#34
Hexachlorobutadiene
Concen: 0.77 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:225	Resp:	2648
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.4 75.6
227	68.2	51.4 77.2

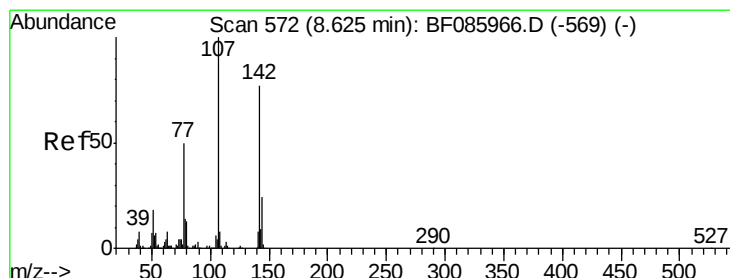
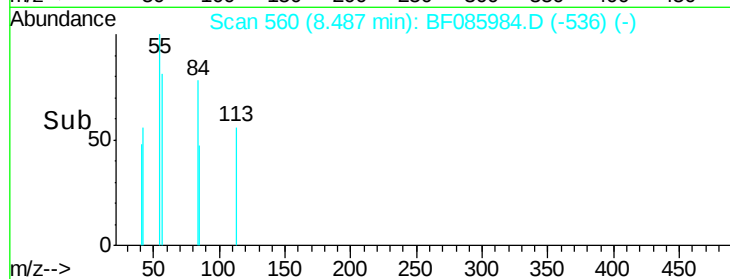
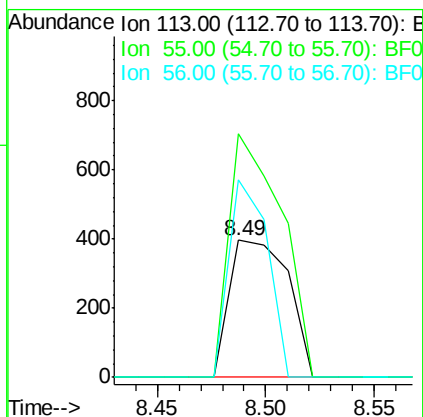
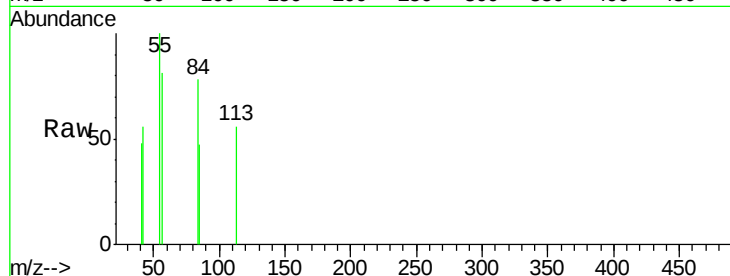




#35
 Caprolactam
 Concen: 0.41 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

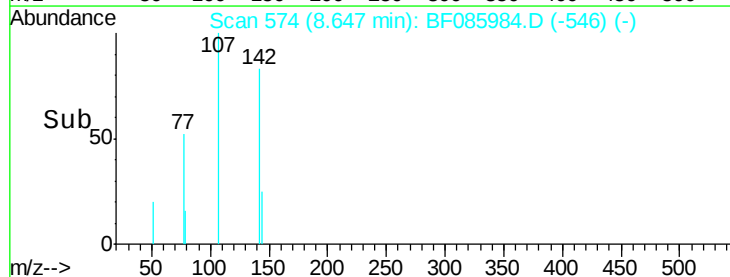
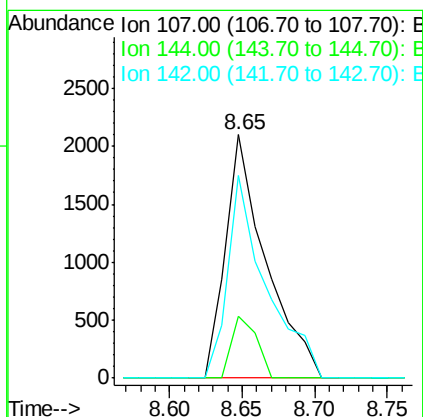
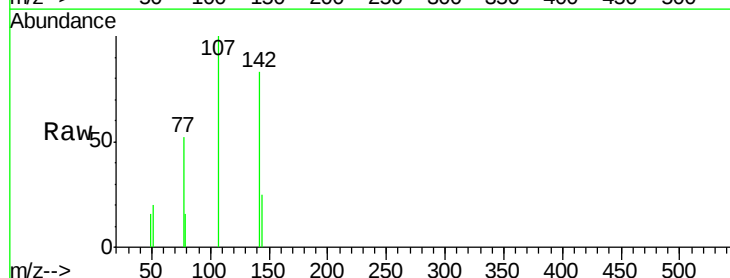
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

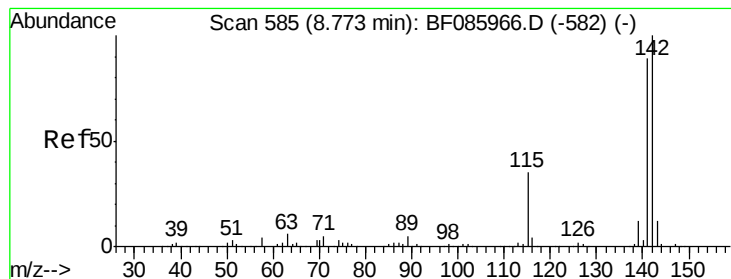
Tot Ion:113 Resp: 744
 Ion Ratio Lower Upper
 113 100
 55 177.8 139.4 179.4
 56 144.4 100.4 140.4#



#36
 4-Chloro-3-methylphenol
 Concen: 0.63 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:107 Resp: 4049
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 83.3 61.4 92.0

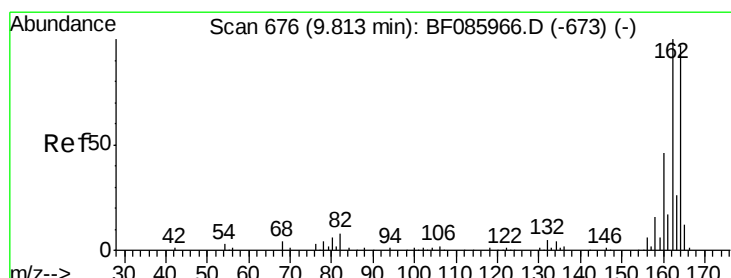
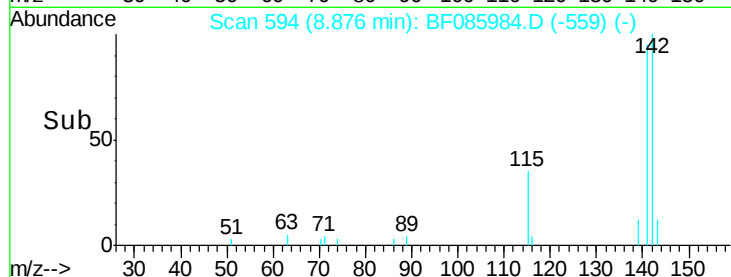
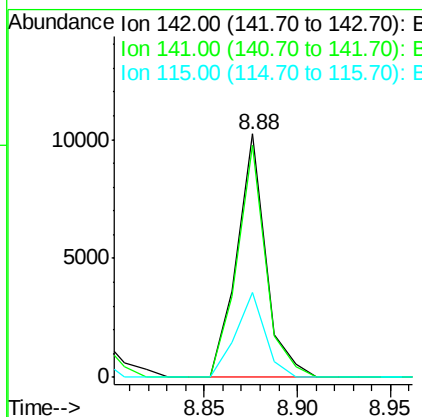
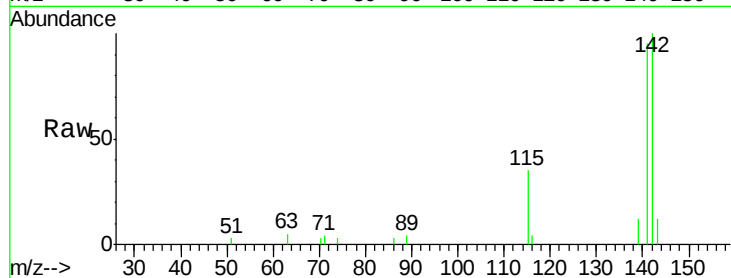




#37
 2-Methylnaphthalene
 Concen: 0.80 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.10 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

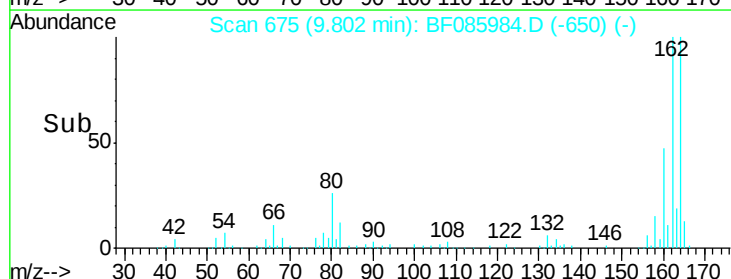
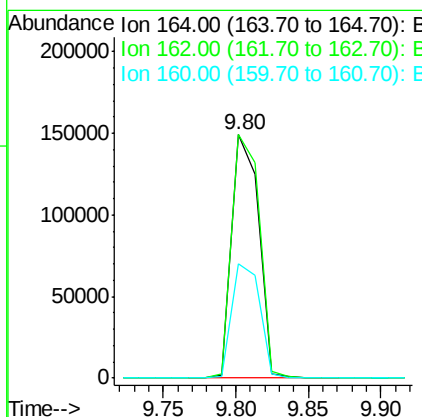
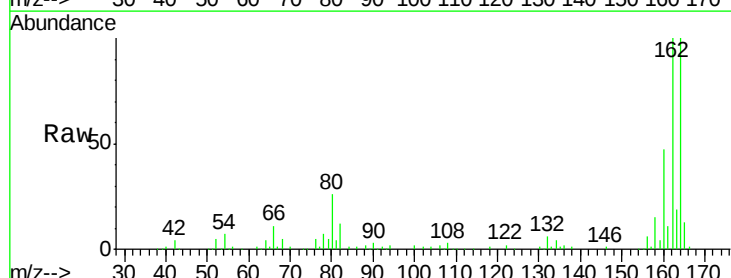
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

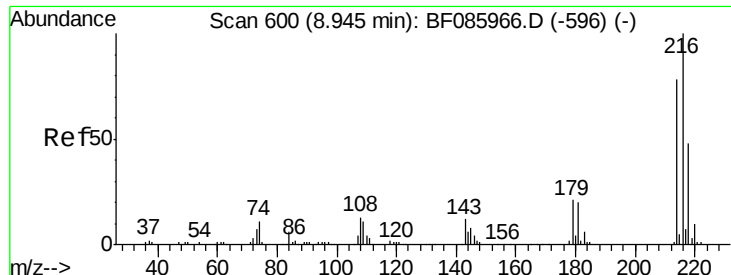
Tot Ion:142 Resp: 11106
 Ion Ratio Lower Upper
 142 100
 141 95.3 71.6 107.4
 115 34.7 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:164 Resp: 192544
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.1 123.1
 160 46.7 37.4 56.2

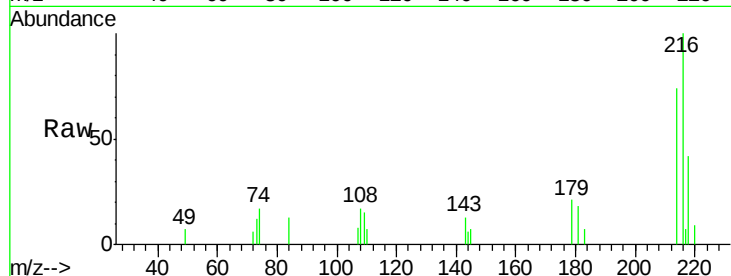




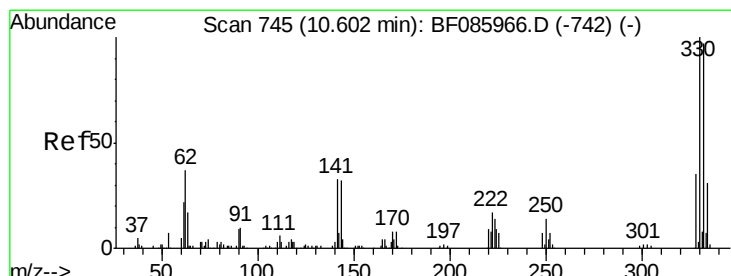
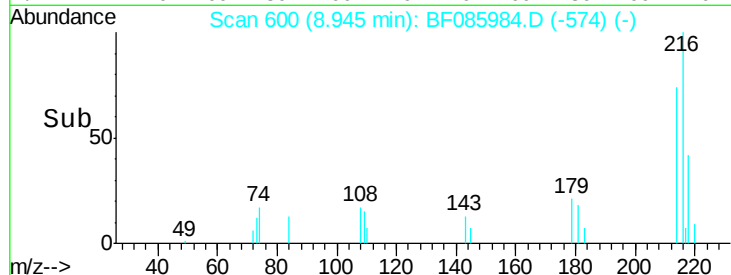
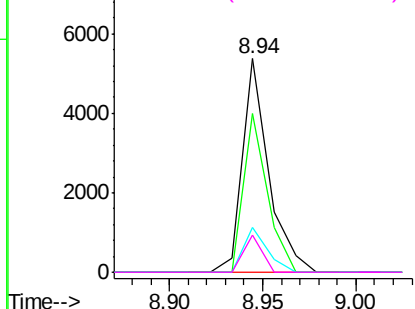
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.91 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:216	Resp:	5257
Ion Ratio	Lower	Upper
216	100	
214	66.7	63.1 94.7
179	19.2	18.2 27.2
108	12.1	17.3 25.9#

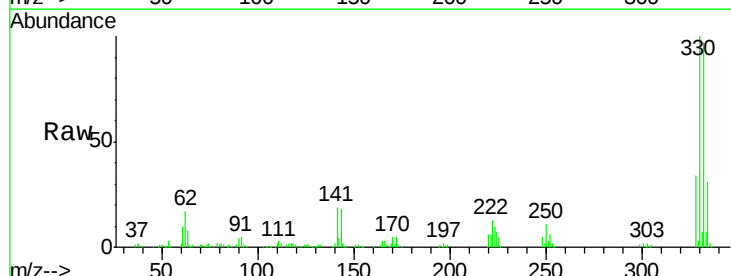


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

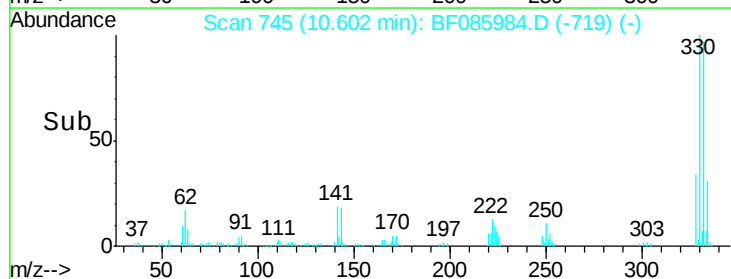
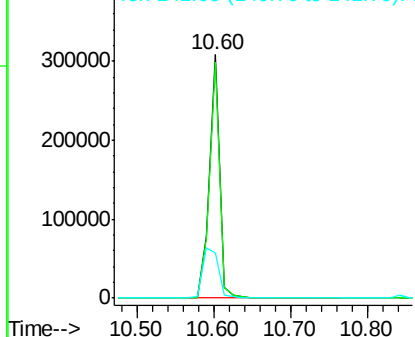


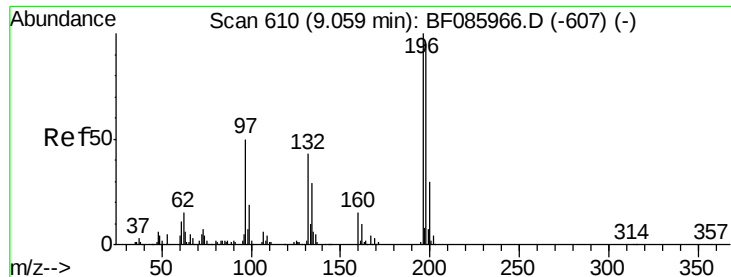
#41
 2,4,6-Tribromophenol
 Concen: 156.63 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:330	Resp:	283059
Ion Ratio	Lower	Upper
330	100	
332	96.5	78.2 117.2
141	31.8	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: 0.56 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

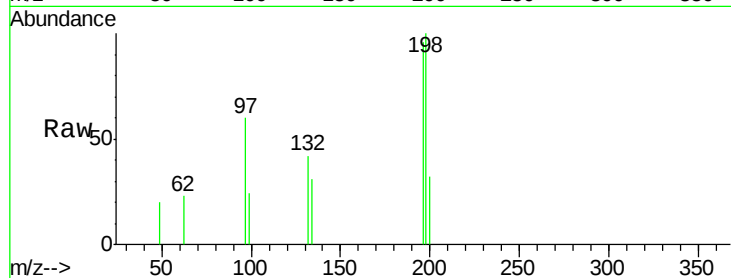
Tot Ion:196 Resp: 2066

Ion Ratio Lower Upper

196 100

198 104.7 75.3 112.9

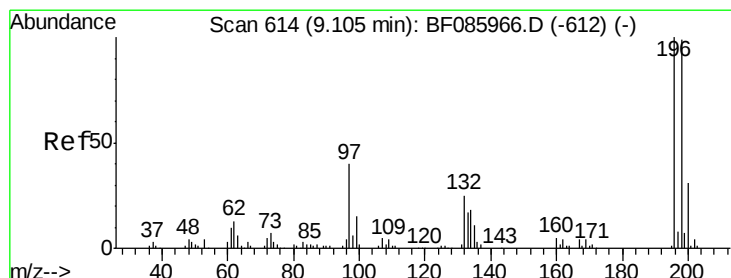
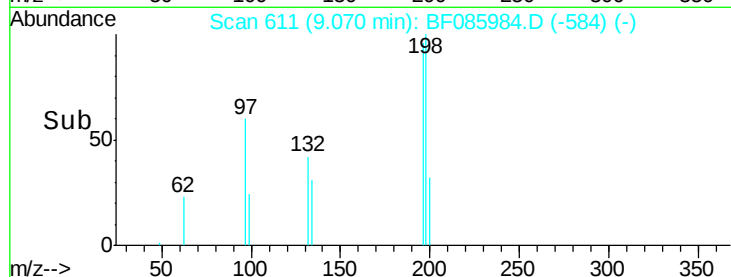
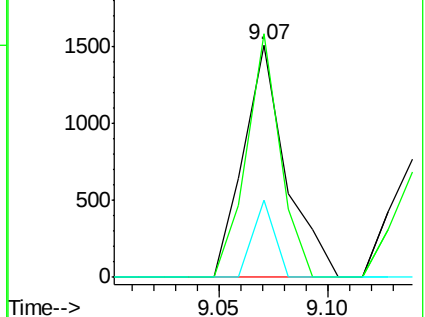
200 33.1 23.7 35.5



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: 0.55 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Tgt Ion:196 Resp: 2066

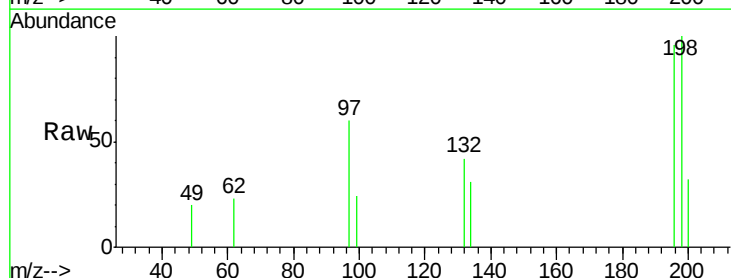
Ion Ratio Lower Upper

196 100

198 104.7 76.6 114.8

97 62.3 30.5 45.7#

132 44.4 20.2 30.2#

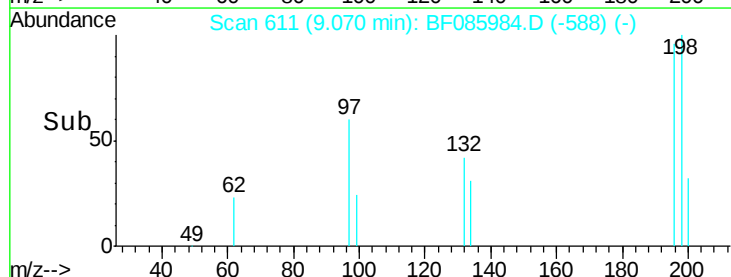
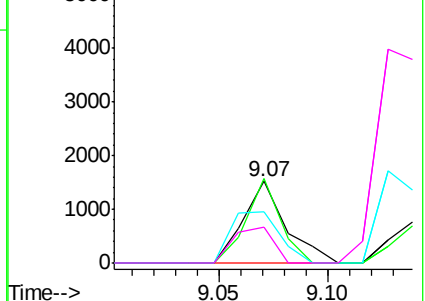


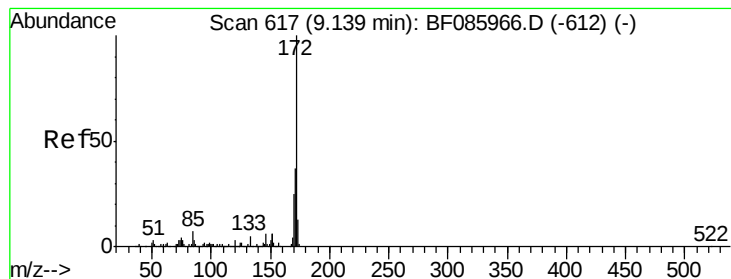
Abundance Ion 196.00 (195.70 to 196.70): E

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

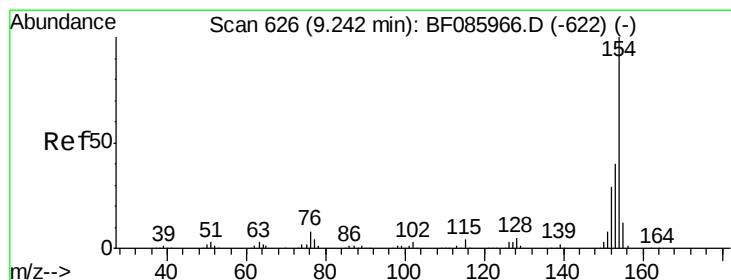
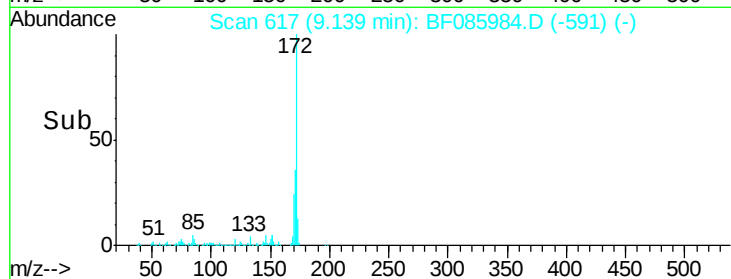
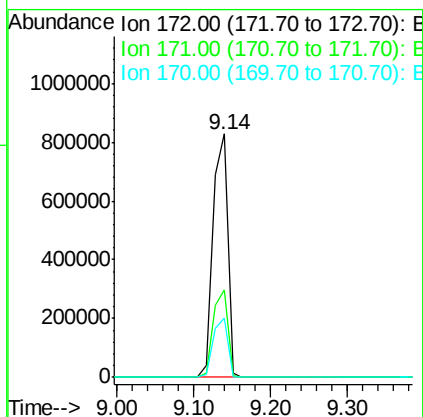
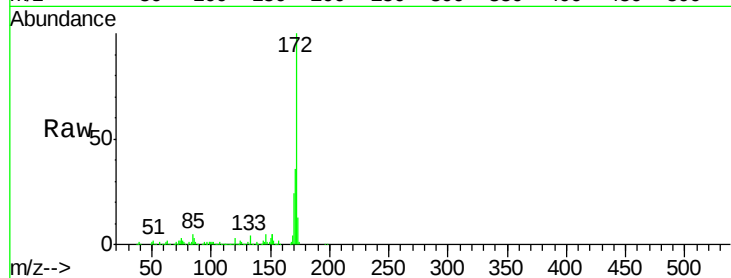




#44
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

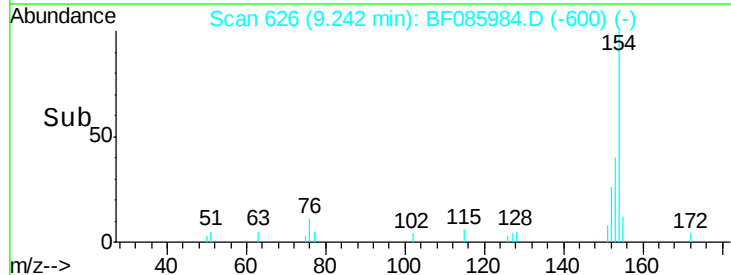
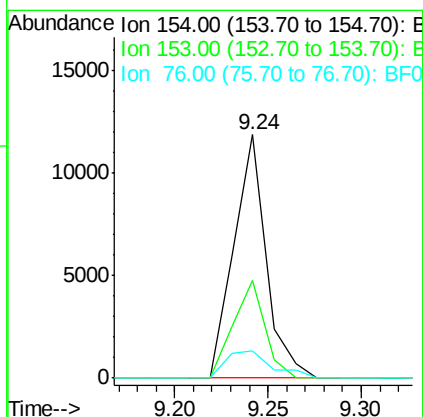
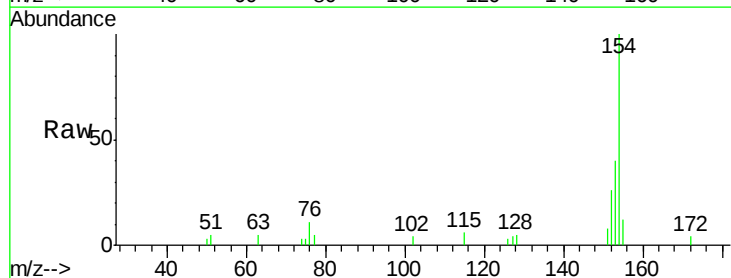
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

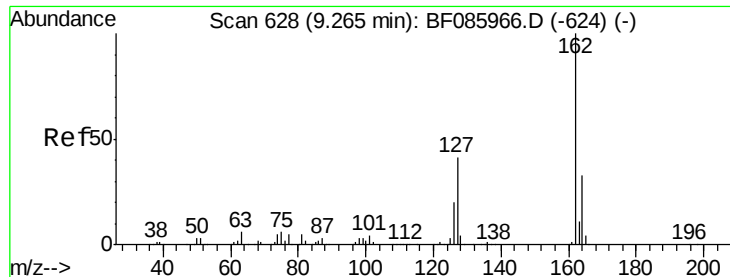
Tot Ion:172 Resp: 1086759
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.2
170 24.2 19.8 29.6



#45
1,1'-Biphenyl
Concen: 0.86 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:154 Resp: 14315
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.2 0.0 36.7

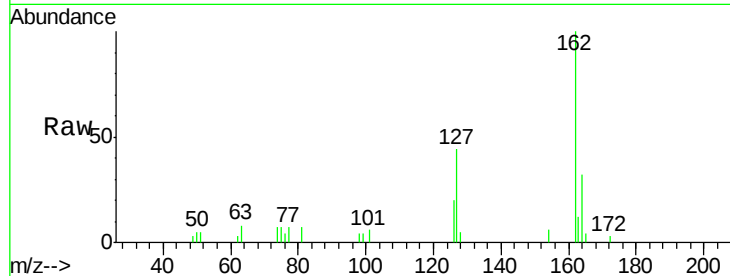




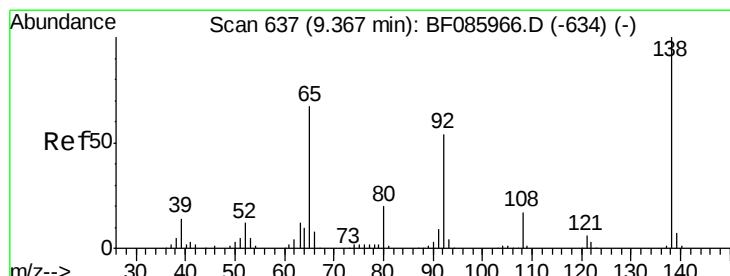
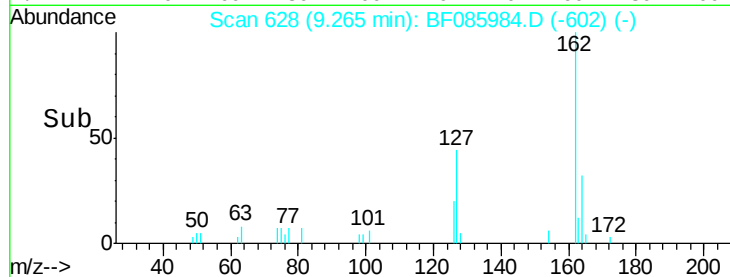
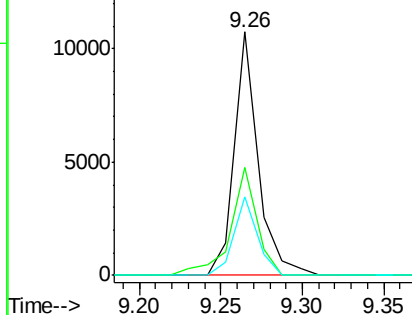
#46
2-Chloronaphthalene
Concen: 0.90 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	31.7	47.5
164	32.3	27.3	40.9

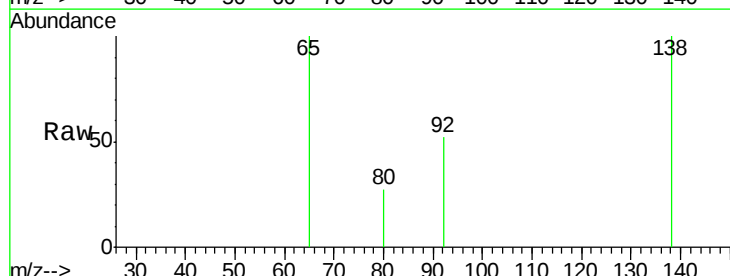


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

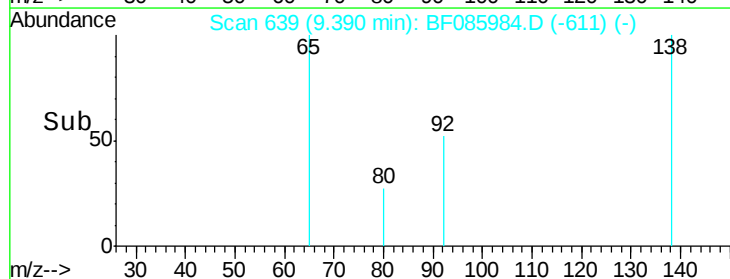
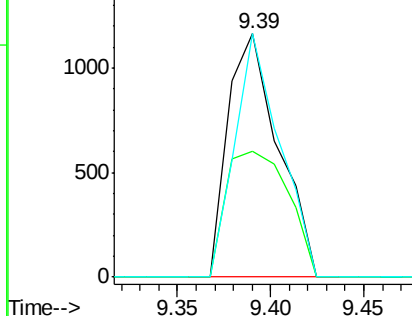


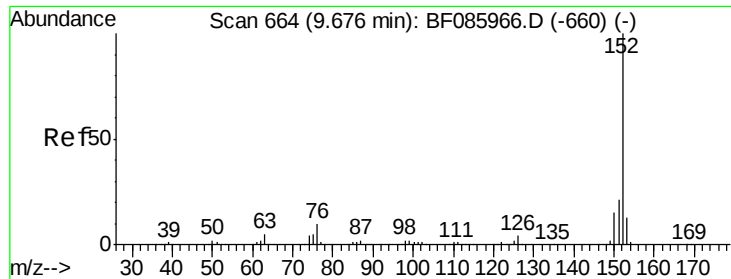
#47
2-Nitroaniline
Concen: 0.62 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	51.5	59.7	89.5#
138	99.8	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): E





#48

Acenaphthylene

Concen: 0.88 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

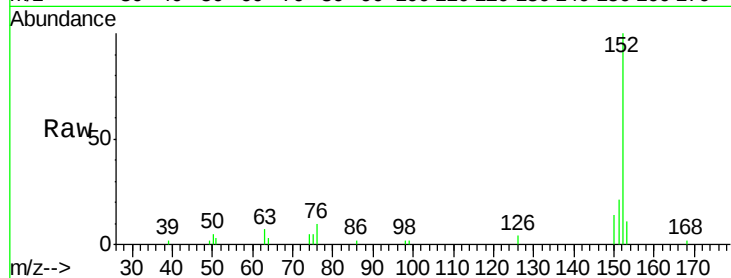
Tot Ion:152 Resp: 16955

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

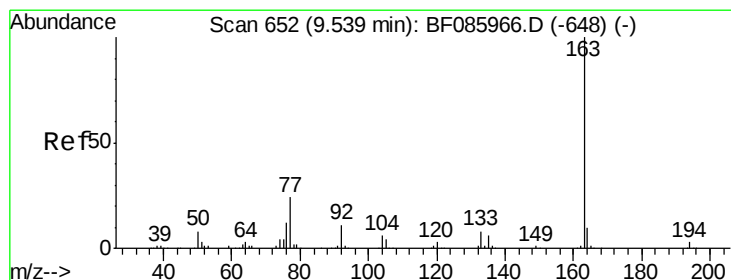
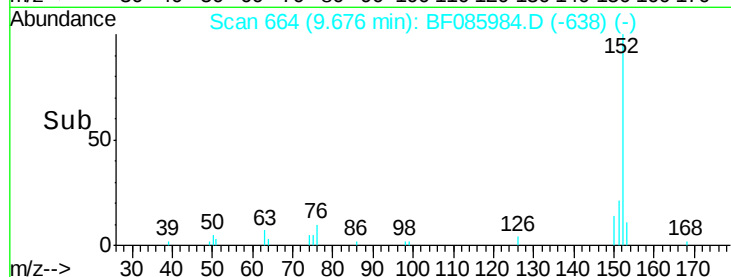
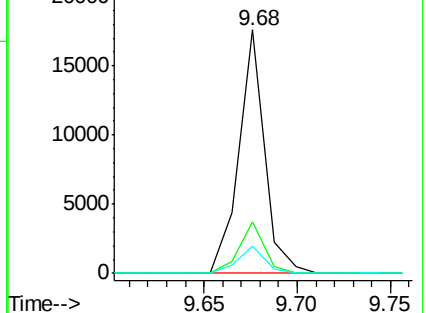
153 11.5 10.9 16.3



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: 0.84 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

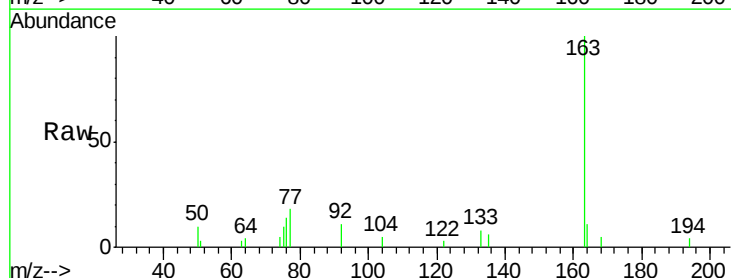
Tgt Ion:163 Resp: 12043

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

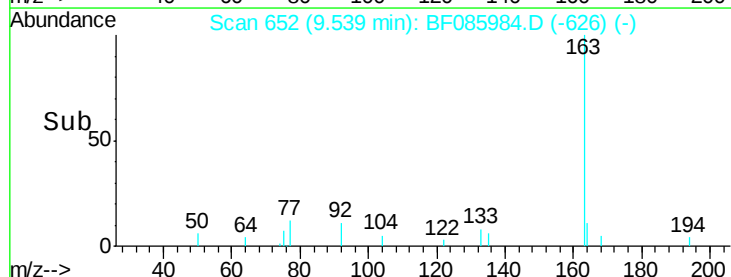
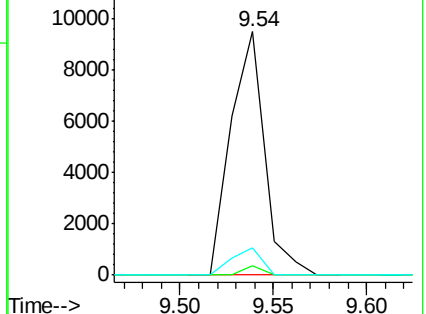
164 11.4 8.3 12.5

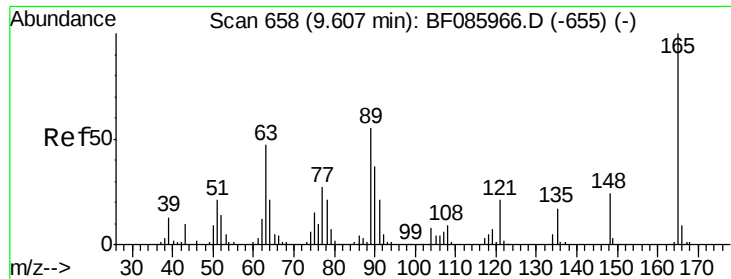


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

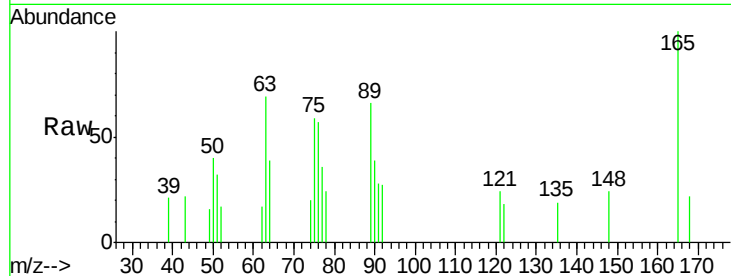




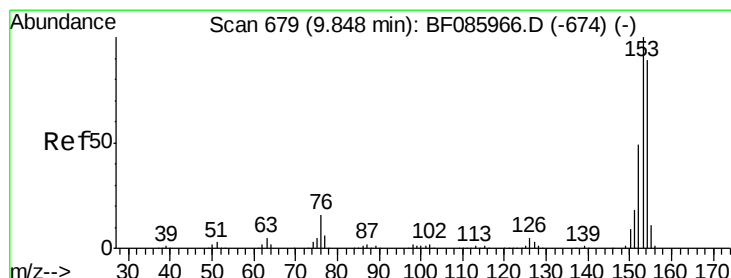
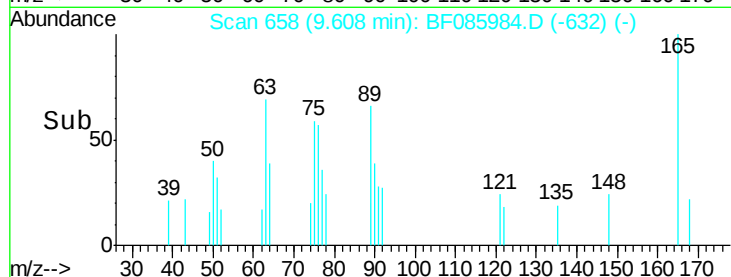
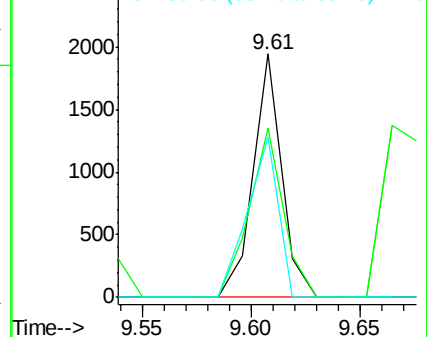
#50
 2,6-Dinitrotoluene
 Concen: 0.59 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:165 Resp: 1772
 Ion Ratio Lower Upper
 165 100
 63 69.3 51.8 77.8
 89 65.8 53.7 80.5

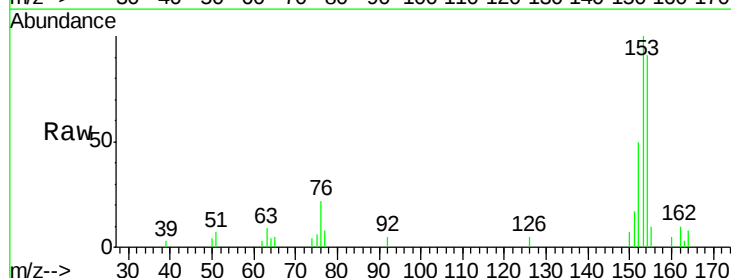


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

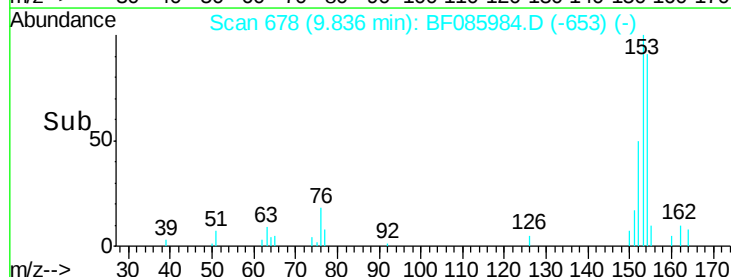
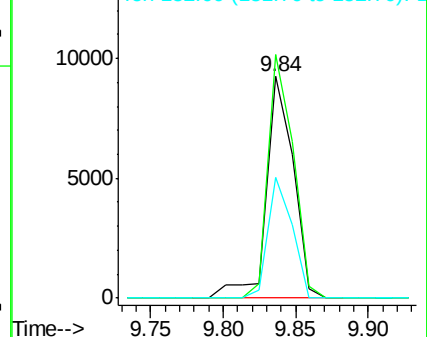


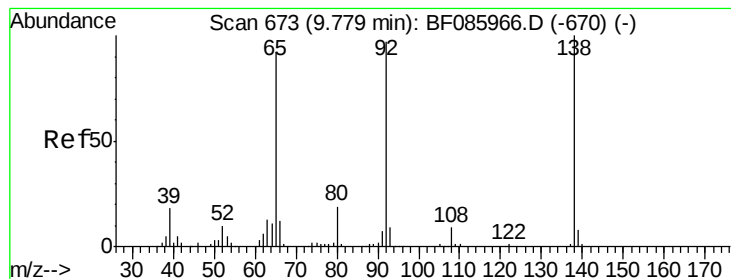
#51
 Acenaphthene
 Concen: 1.04 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:154 Resp: 11909
 Ion Ratio Lower Upper
 154 100
 153 109.9 90.1 135.1
 152 54.5 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: 0.47 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

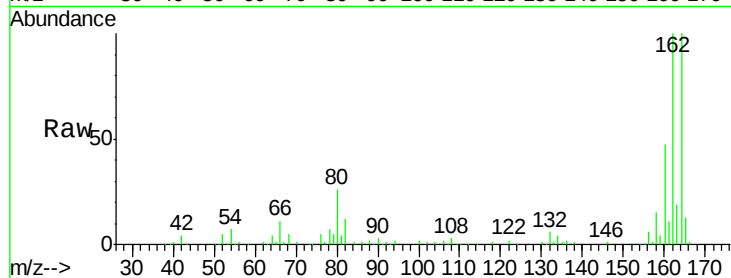
Tot Ion:138 Resp: 1723

Ion Ratio Lower Upper

138 100

108 361.5 8.7 13.1#

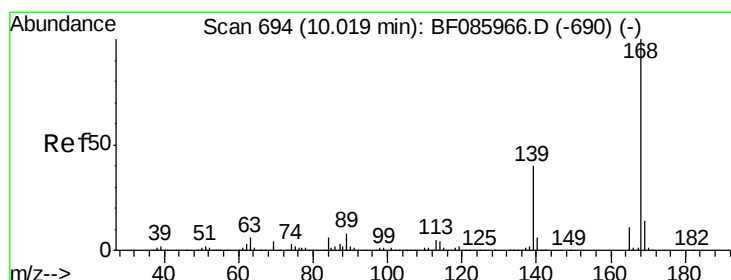
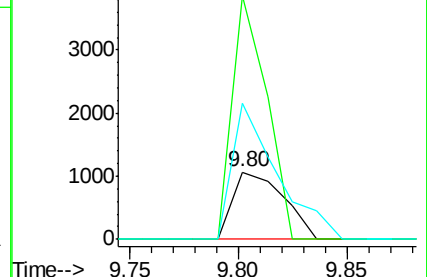
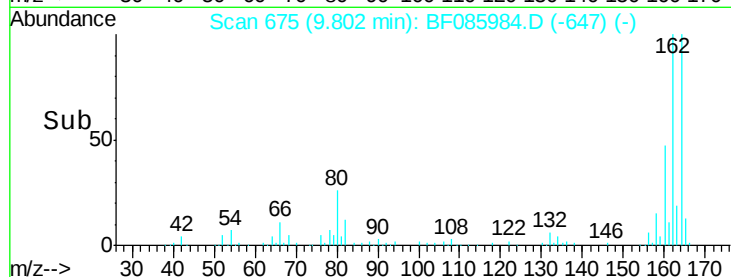
92 201.5 93.3 139.9#



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



#54

Dibenzofuran

Concen: 1.09 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

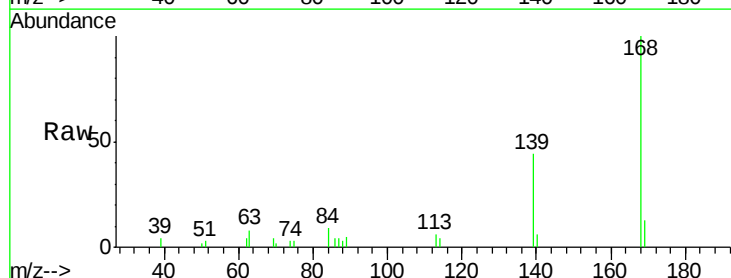
Tgt Ion:168 Resp: 16478

Ion Ratio Lower Upper

168 100

139 44.4 31.9 47.9

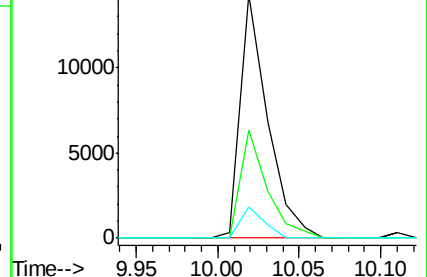
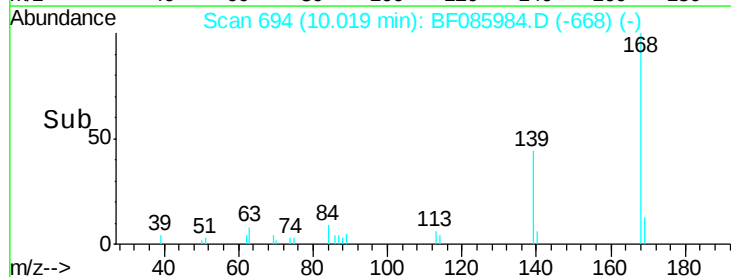
169 12.7 11.0 16.6

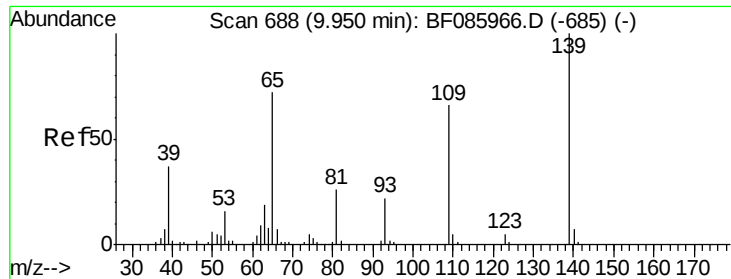


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 3.30 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

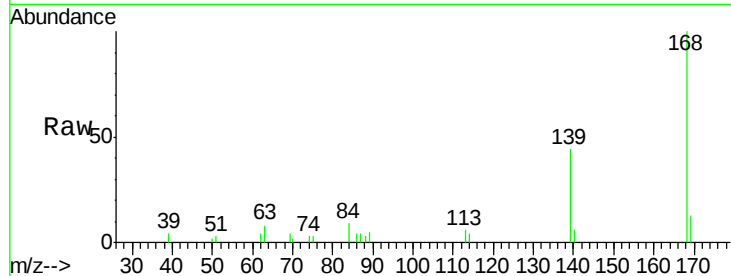
Tot Ion:139 Resp: 7073

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

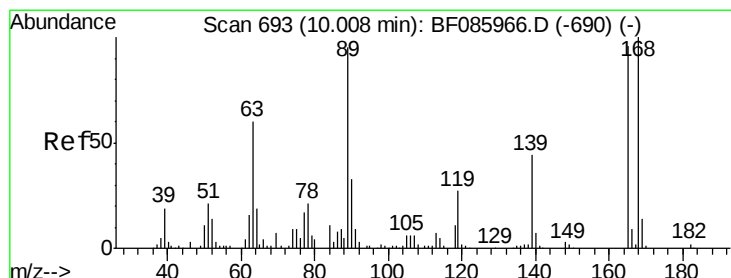
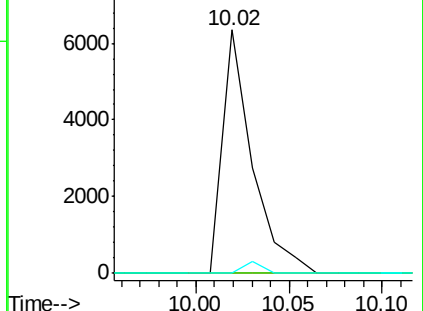
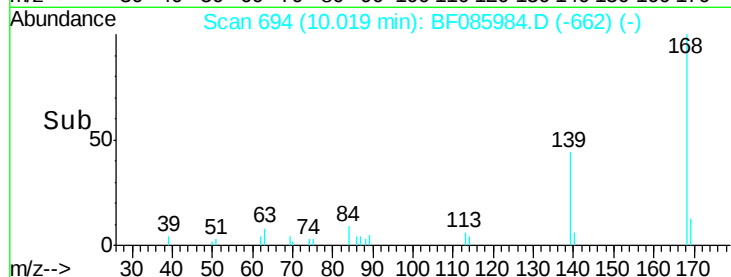
65 0.0 66.9 106.9#



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: 0.49 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Tgt Ion:165 Resp: 1872

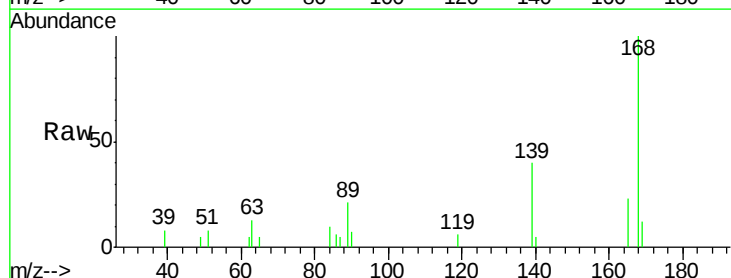
Ion Ratio Lower Upper

165 100

63 57.6 24.9 37.3#

89 92.0 41.0 61.6#

182 0.0 2.1 3.1#

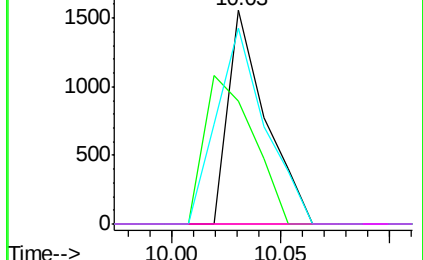
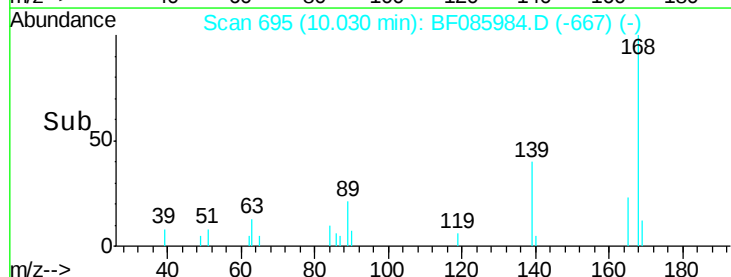


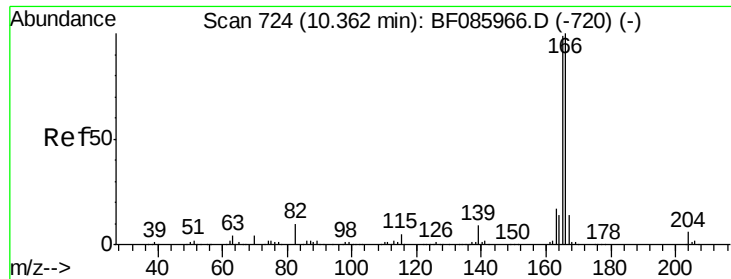
Abundance Ion 165.00 (164.70 to 165.70): E

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

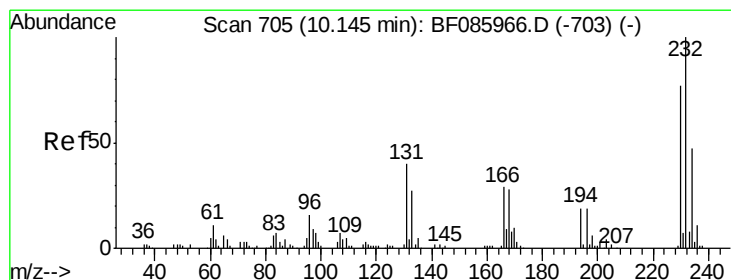
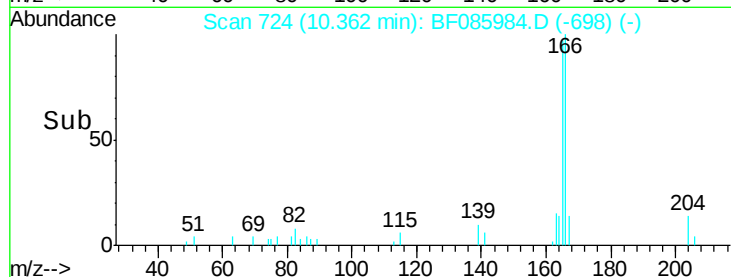
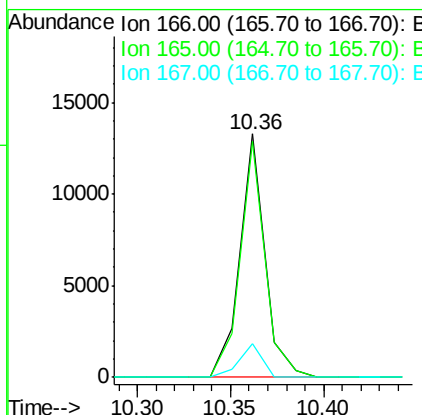
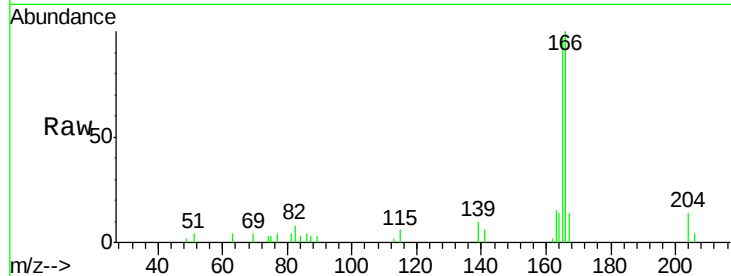




#57
 Fluorene
 Concen: 0.96 ng
 RT: 10.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

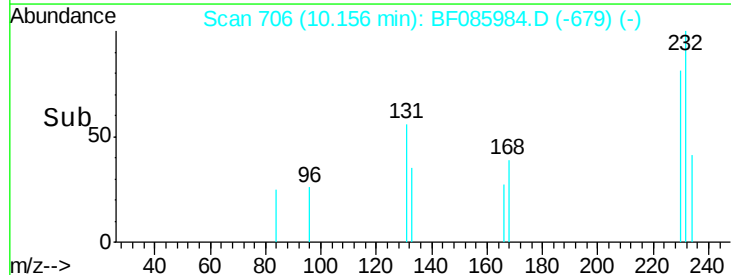
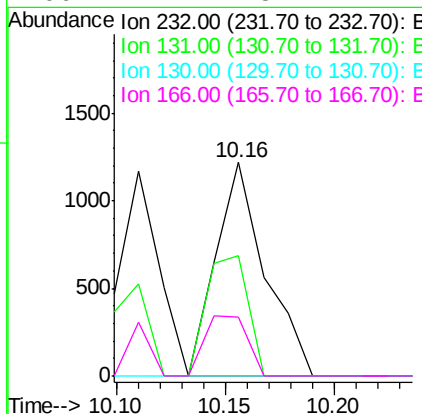
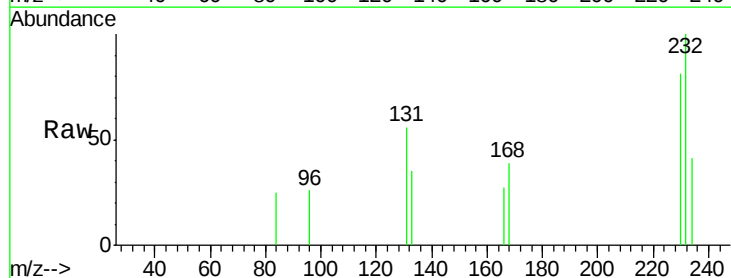
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

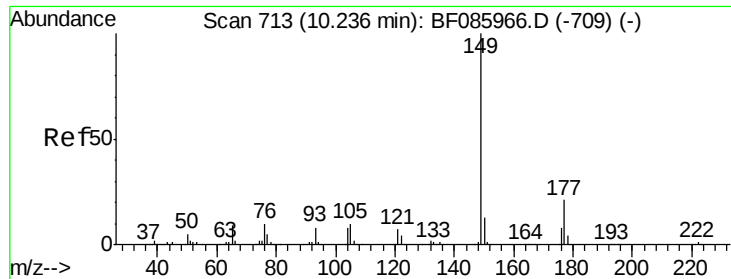
Tot Ion:166 Resp: 12481
 Ion Ratio Lower Upper
 166 100
 165 96.7 79.4 119.0
 167 14.0 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.68 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:232 Resp: 1916
 Ion Ratio Lower Upper
 232 100
 131 47.6 44.9 67.3
 130 0.0 2.3 3.5#
 166 24.2 28.1 42.1#

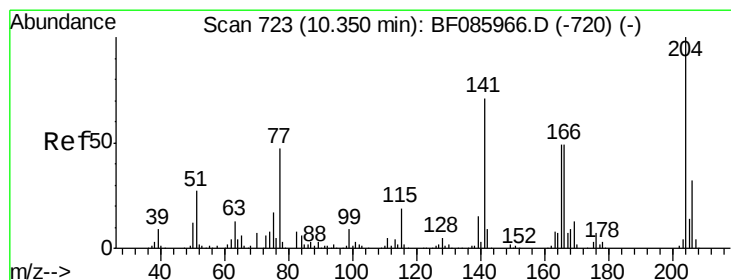
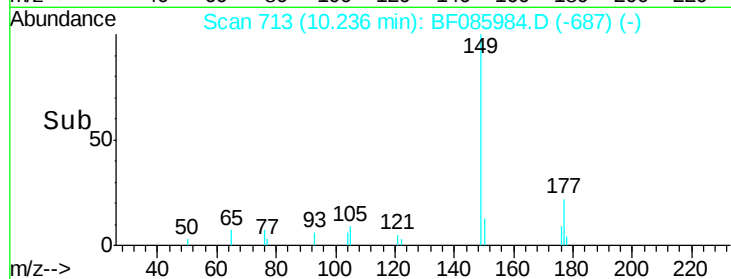
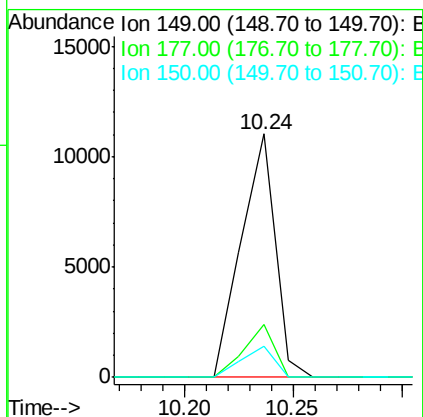
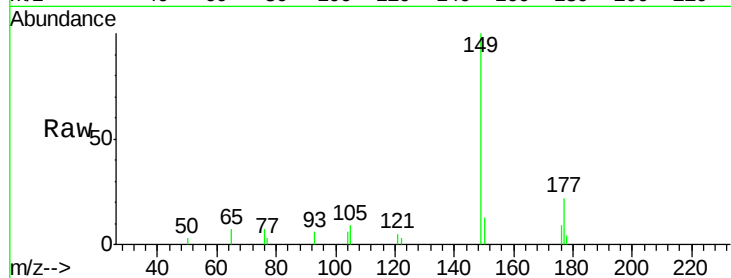




#59
Diethylphthalate
Concen: 0.83 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

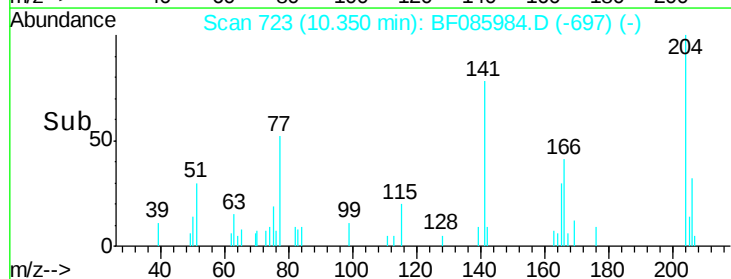
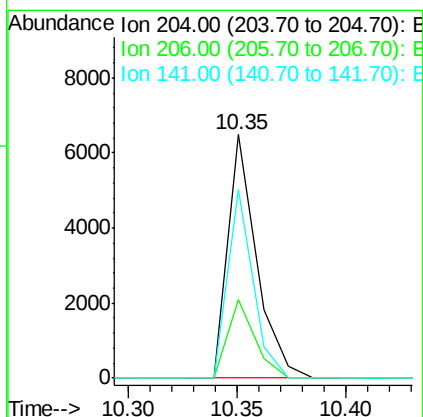
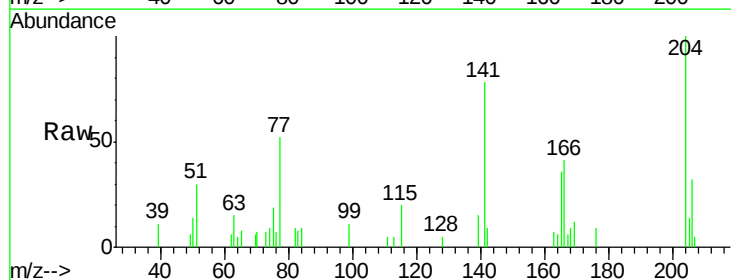
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

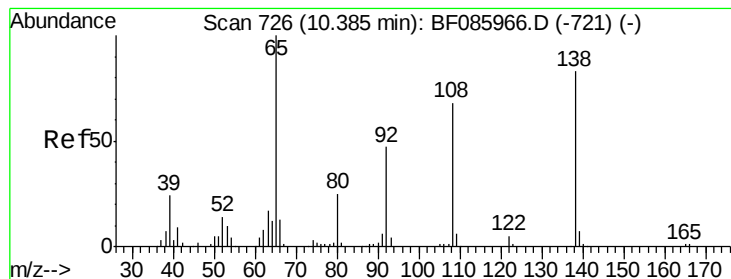
Tot Ion:149 Resp: 11965
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 0.98 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:204 Resp: 5912
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 77.6 57.4 86.0





#61

4-Nitroaniline

Concen: 0.26 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

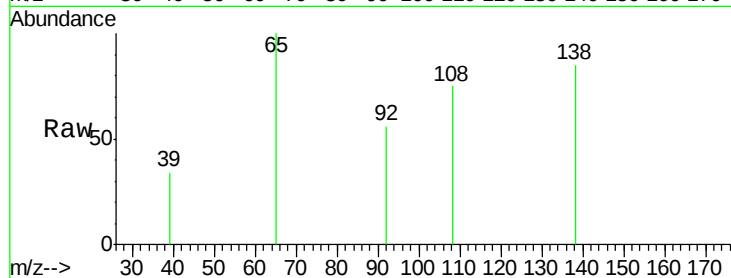
Tot Ion:138 Resp: 929

Ion Ratio Lower Upper

138 100

92 65.2 26.4 66.4

108 87.5 49.0 89.0

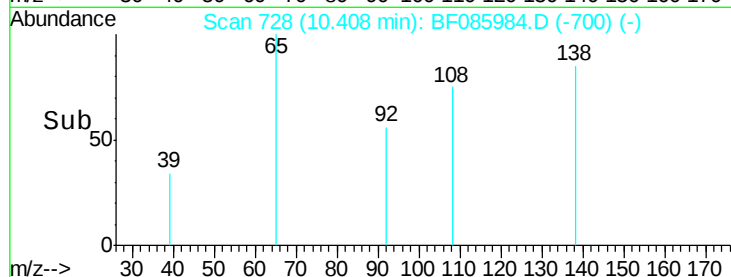


Abundance Ion 138.00 (137.70 to 138.70): E

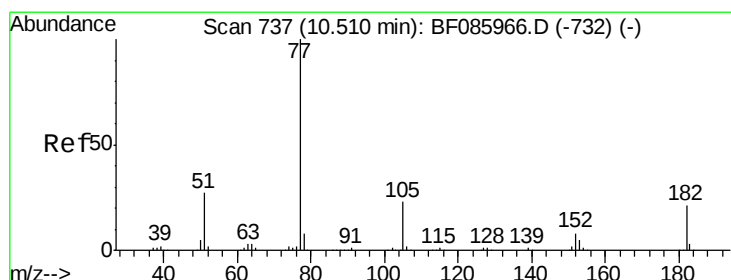
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 0.88 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Tgt Ion: 77 Resp: 12086

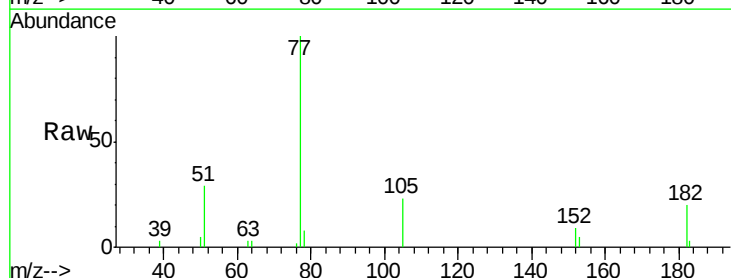
Ion Ratio Lower Upper

77 100

182 20.4 1.9 41.9

105 23.2 3.5 43.5

51 28.5 6.3 46.3



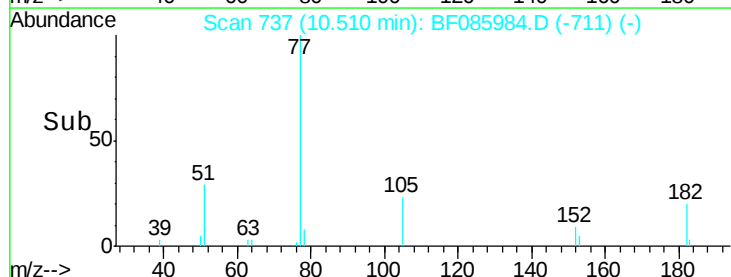
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

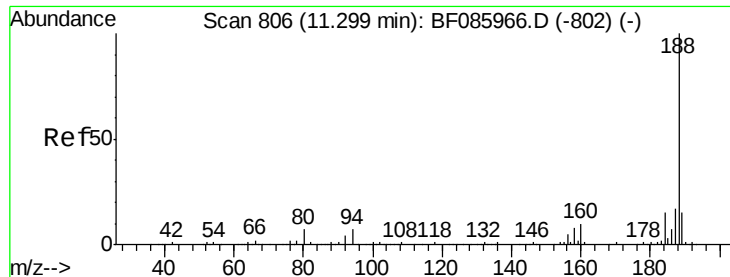
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



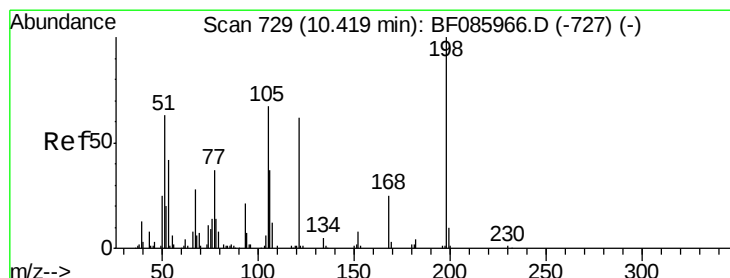
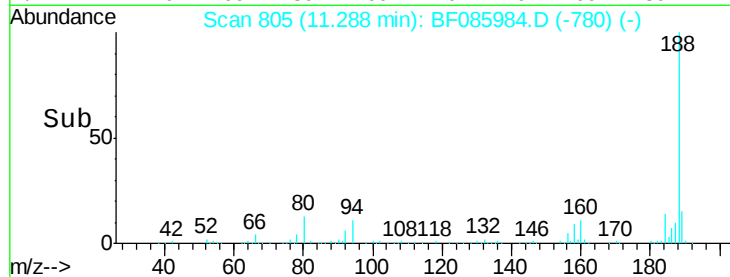
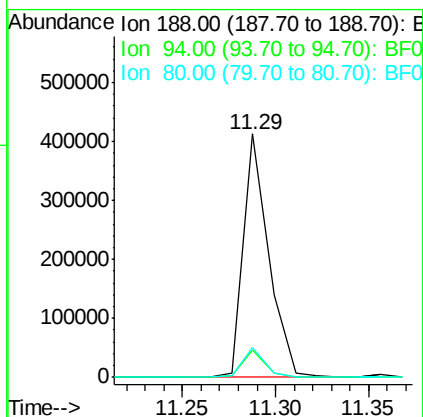
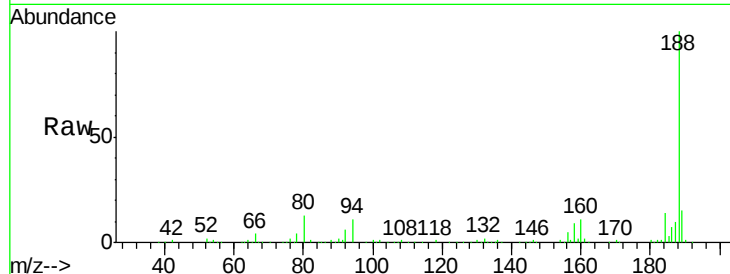
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

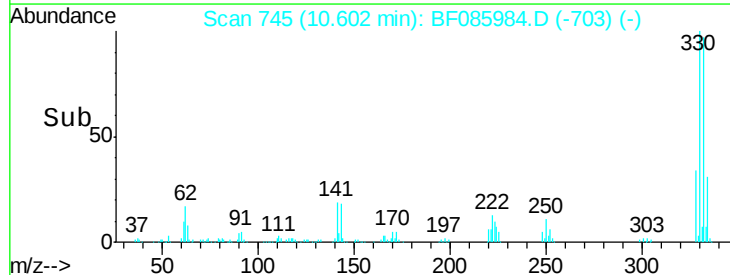
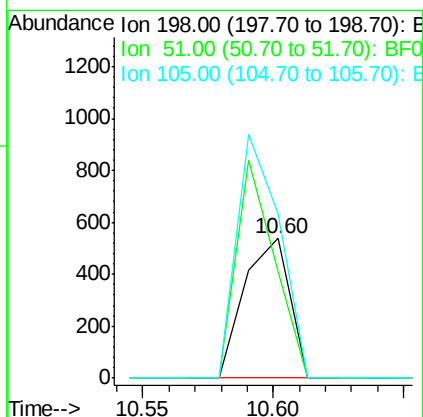
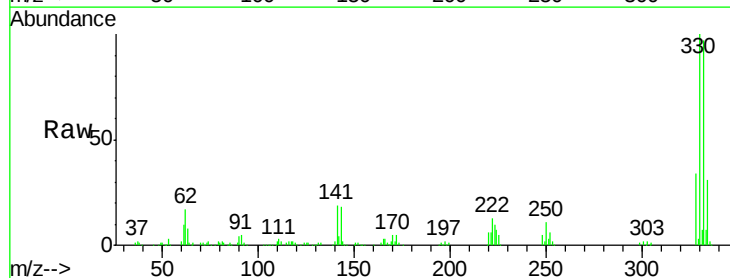
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

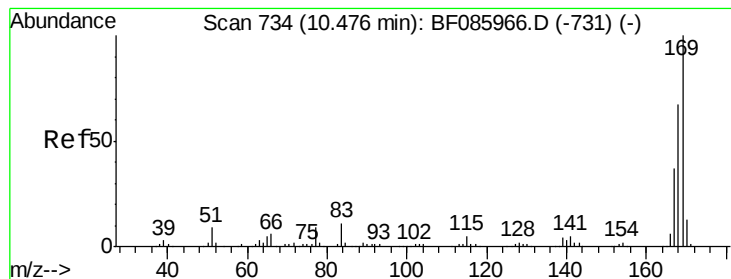
Tot Ion:188 Resp: 391089
Ion Ratio Lower Upper
188 100
94 11.1 5.4 8.0#
80 12.5 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.18 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:198 Resp: 654
Ion Ratio Lower Upper
198 100
51 76.0 45.4 85.4
105 117.5 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 0.81 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

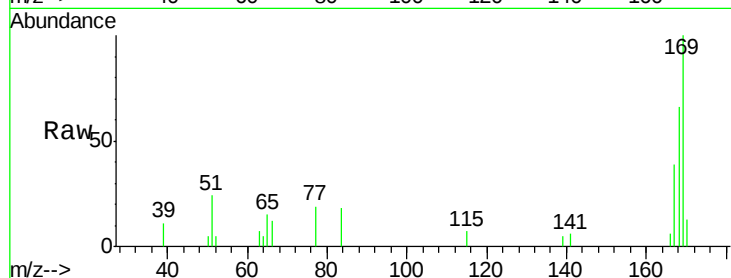
Tot Ion:169 Resp: 9867

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

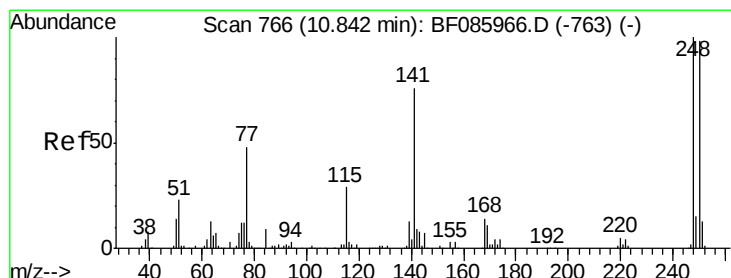
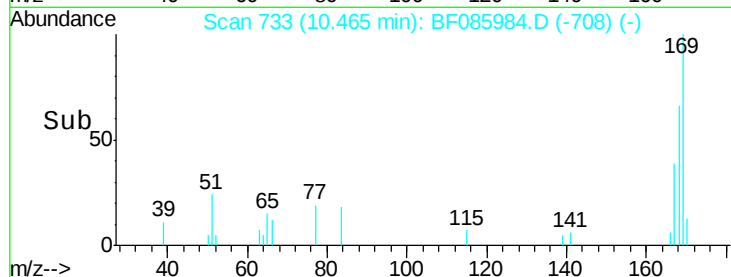
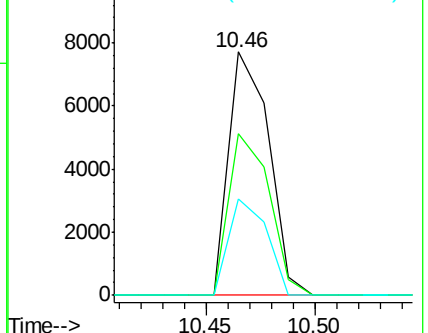
167 39.4 29.4 44.0



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: 0.75 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

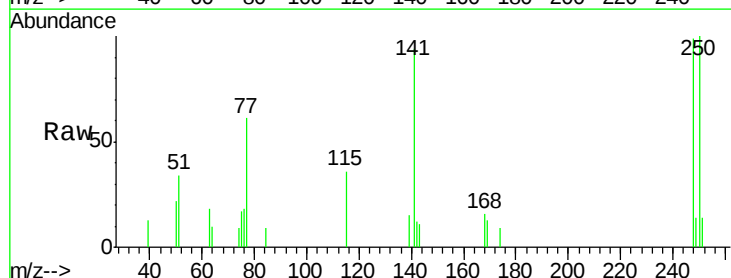
Tgt Ion:248 Resp: 2985

Ion Ratio Lower Upper

248 100

250 100.9 77.4 116.0

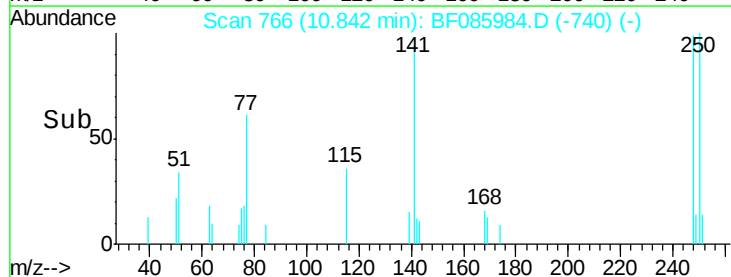
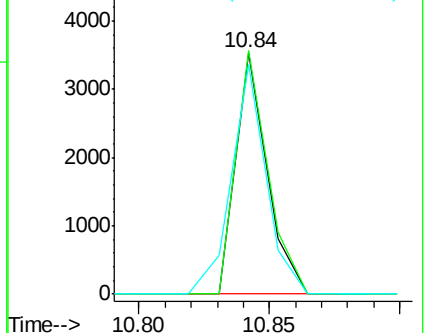
141 95.1 63.6 95.4

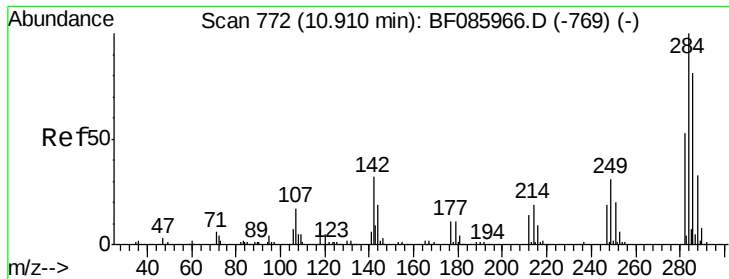


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

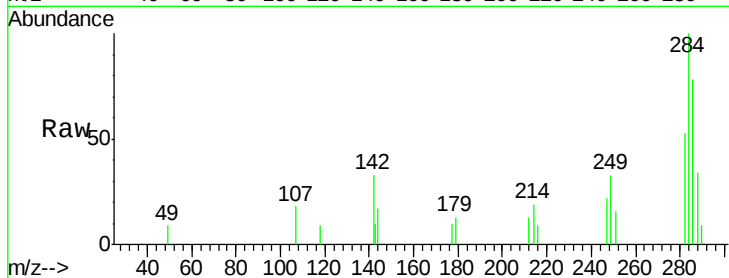




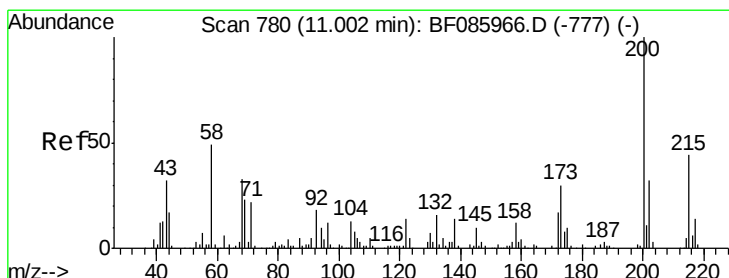
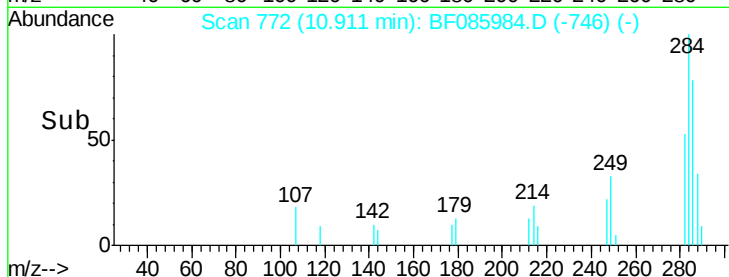
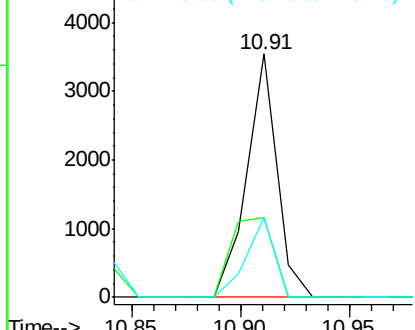
#67
Hexachlorobenzene
Concen: 0.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:284 Resp: 3409
Ion Ratio Lower Upper
284 100
142 32.8 23.1 34.7
249 32.8 24.2 36.2

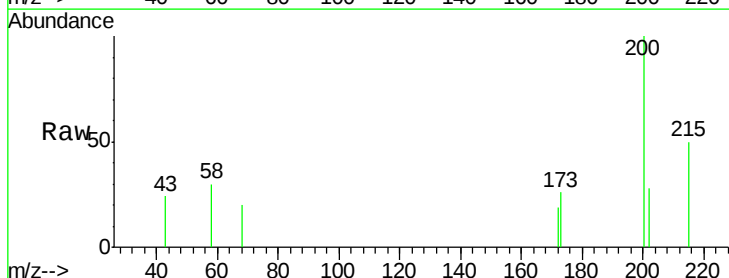


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

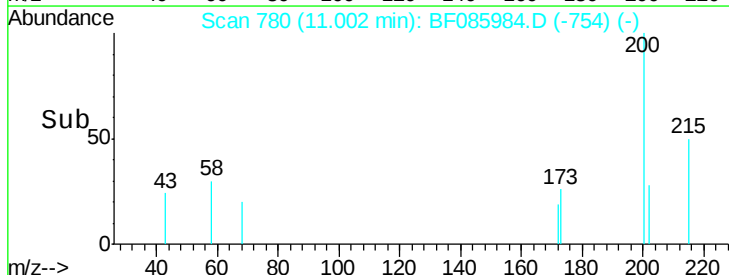
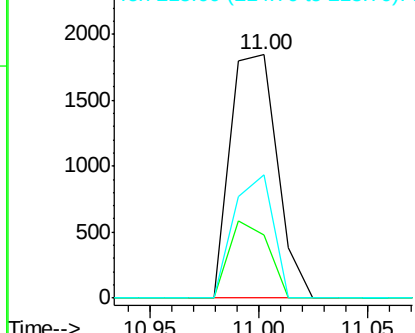


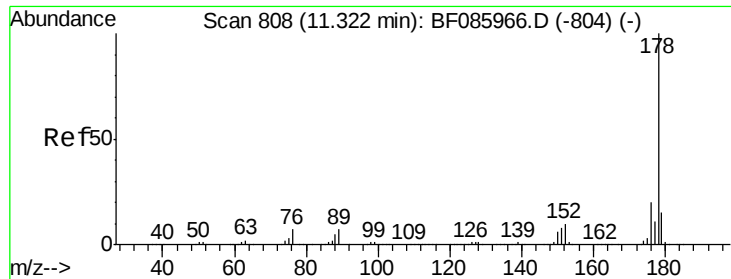
#68
Atrazine
Concen: 0.70 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:200 Resp: 2763
Ion Ratio Lower Upper
200 100
173 26.0 7.7 47.7
215 50.4 25.4 65.4



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

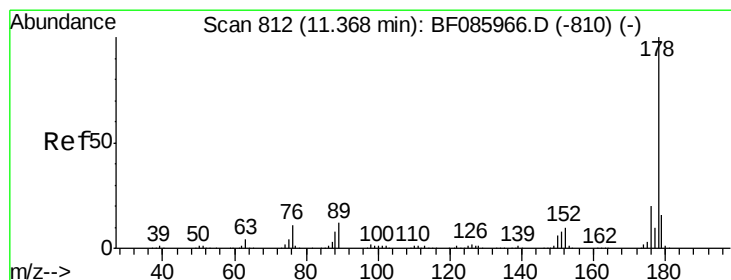
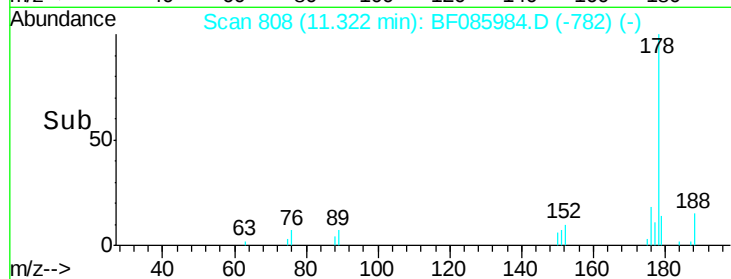
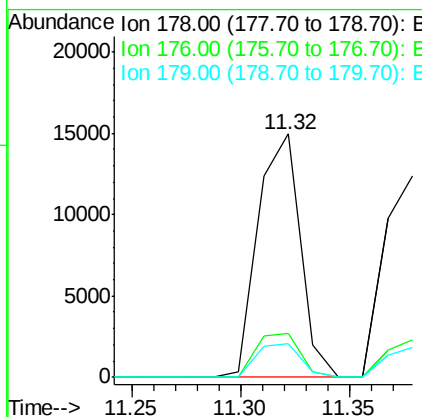
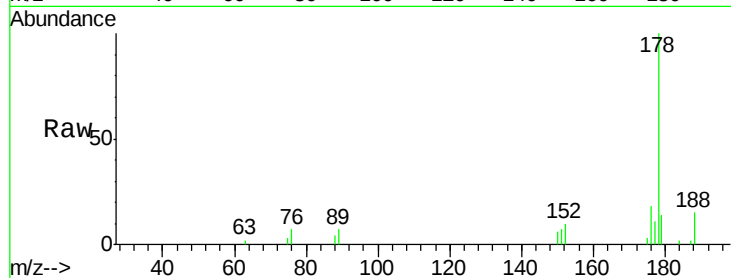




#70
 Phenanthrene
 Concen: 0.95 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

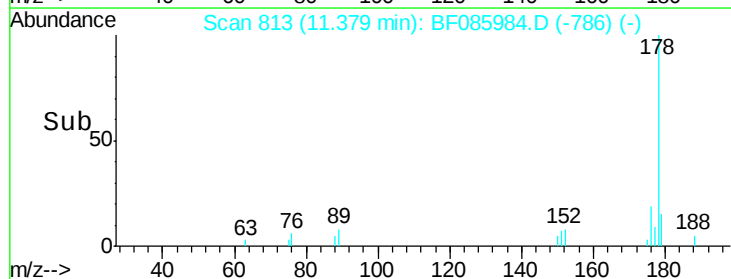
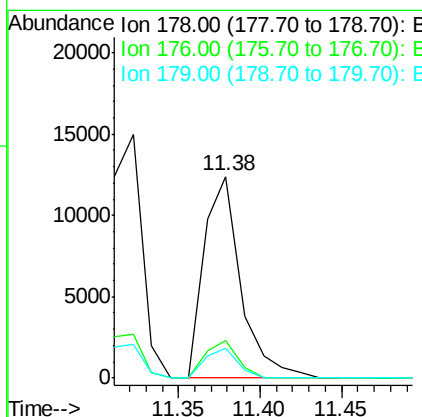
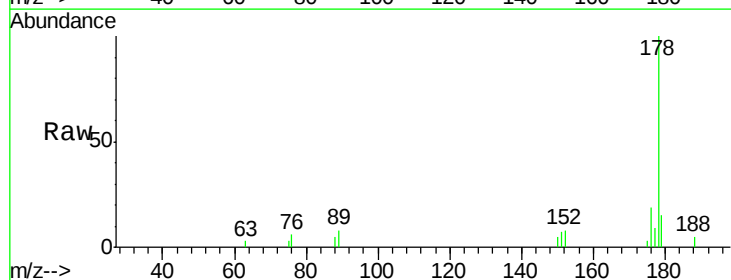
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

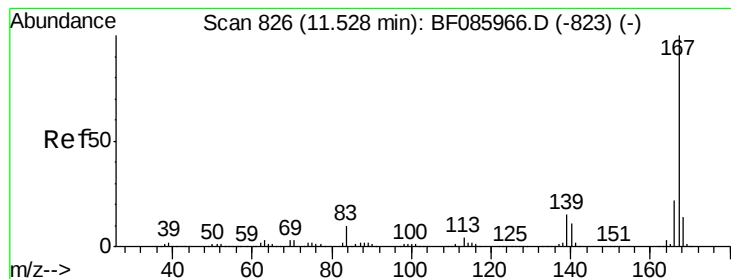
Tot Ion:178 Resp: 20327
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.3 24.5
 179 13.9 12.6 18.8



#71
 Anthracene
 Concen: 0.87 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion:178 Resp: 19439
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.0 13.0 19.4





#72

Carbazole

Concen: 0.83 ng

RT: 11.54 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

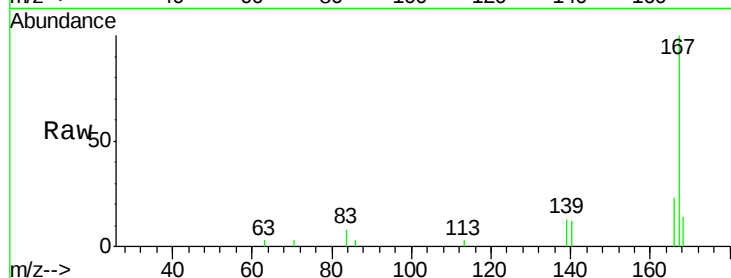
Tot Ion:167 Resp: 15864

Ion Ratio Lower Upper

167 100

166 23.0 17.8 26.8

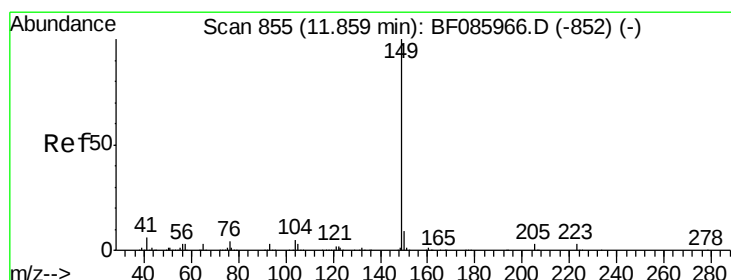
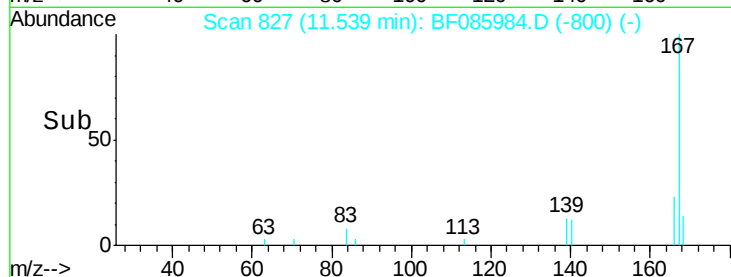
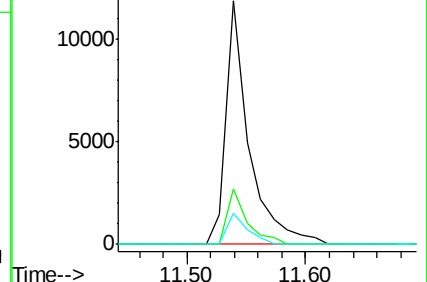
139 13.0 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.72 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

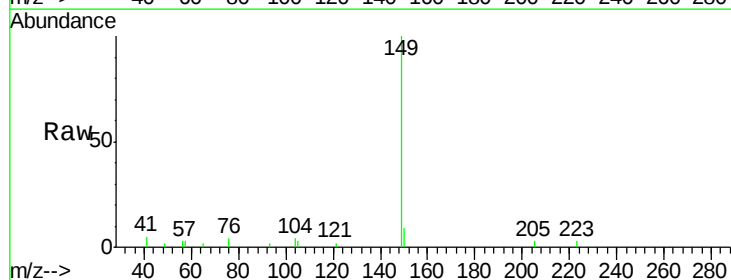
Tgt Ion:149 Resp: 17219

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

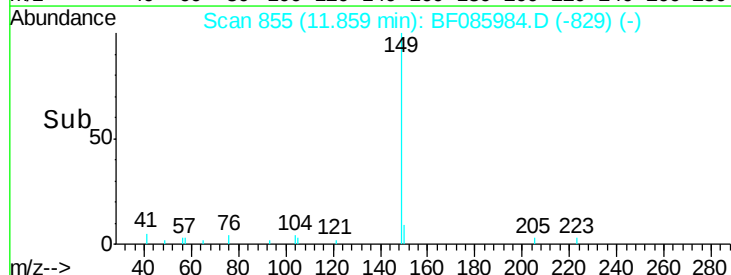
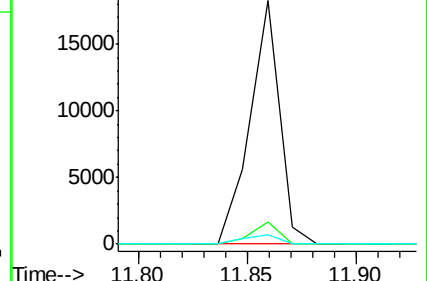
104 4.0 3.8 5.8

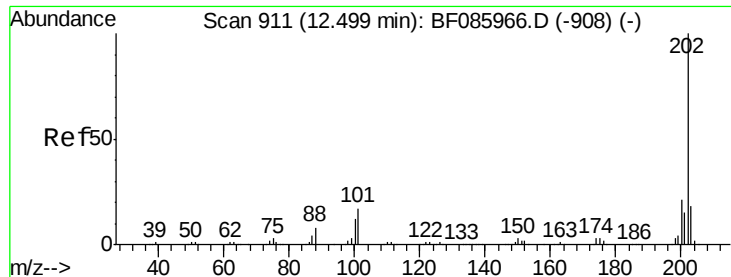


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

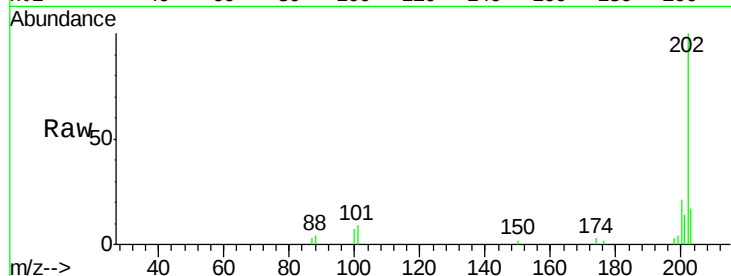




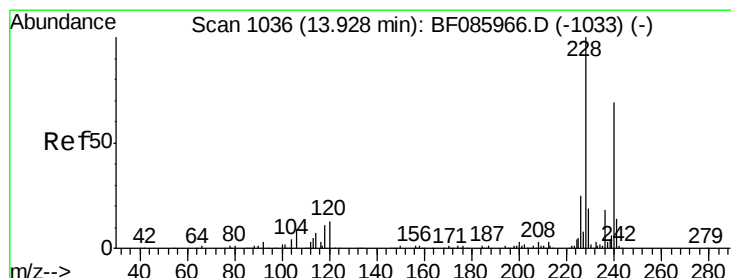
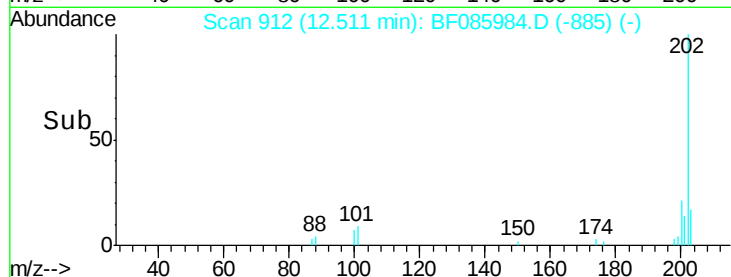
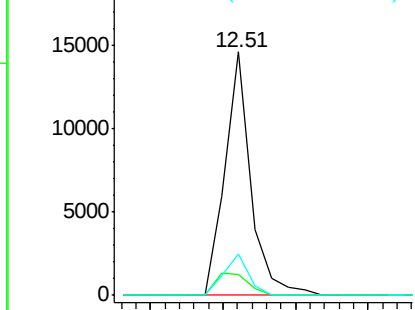
#74
Fluoranthene
 Concen: 0.81 ng
 RT: 12.51 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	36.6
203	16.8	0.0	38.1

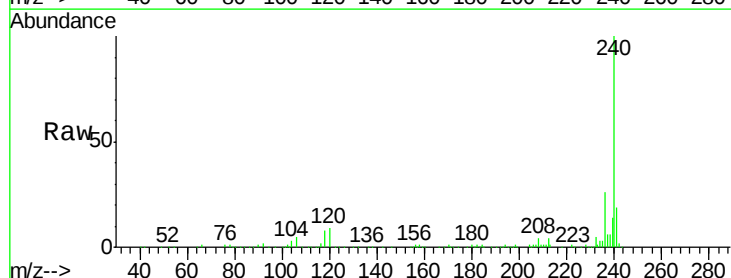


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

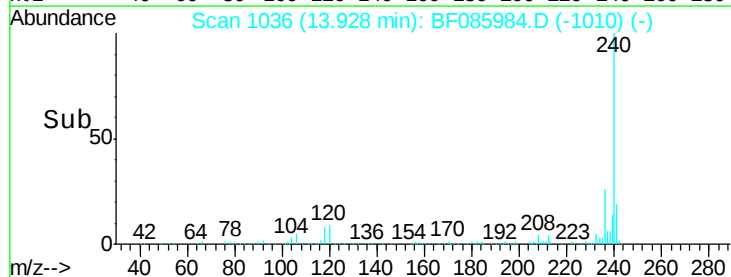
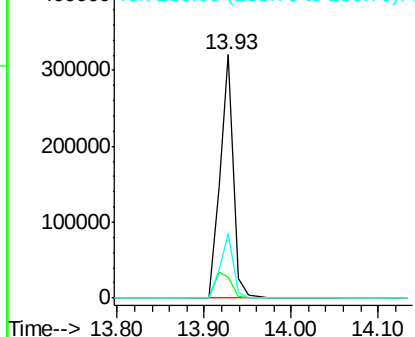


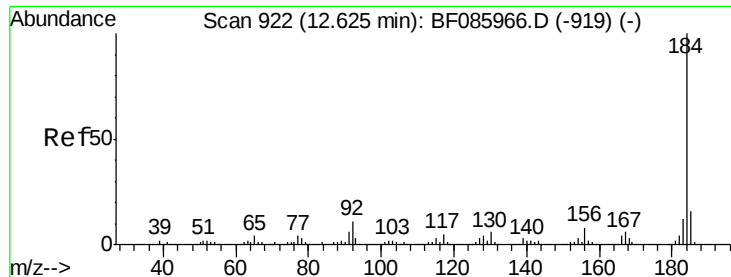
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085984.D
 Acq: 2 Apr 2016 2:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	13.8	20.8#
236	26.4	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.29 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

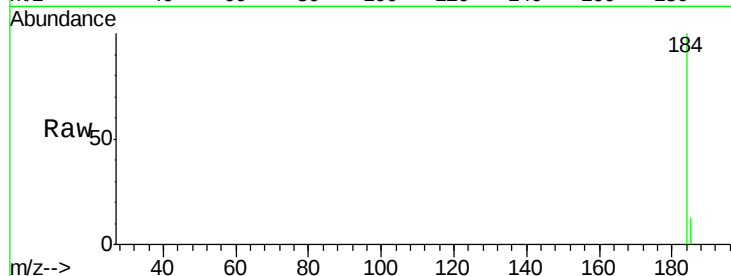
Tot Ion:184 Resp: 3572

Ion Ratio Lower Upper

184 100

185 13.1 12.4 18.6

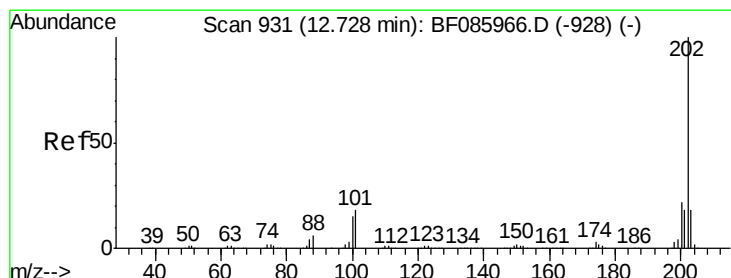
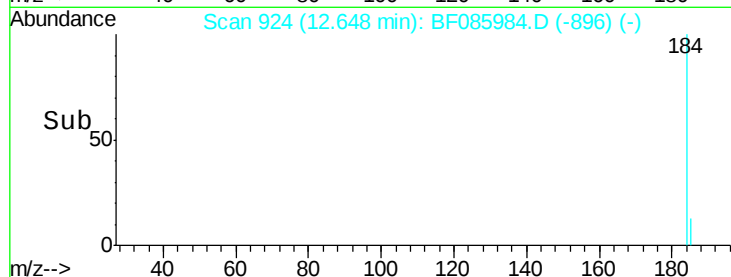
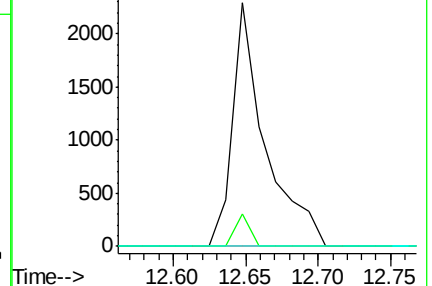
183 0.0 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.76 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

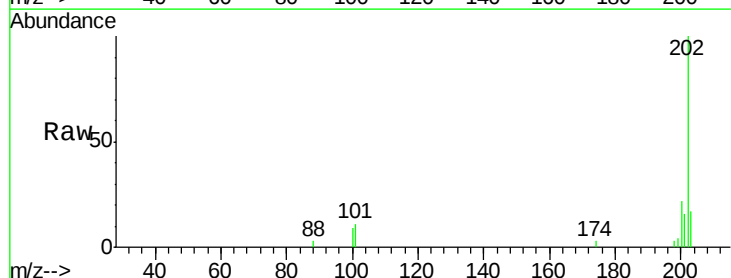
Tgt Ion:202 Resp: 18451

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

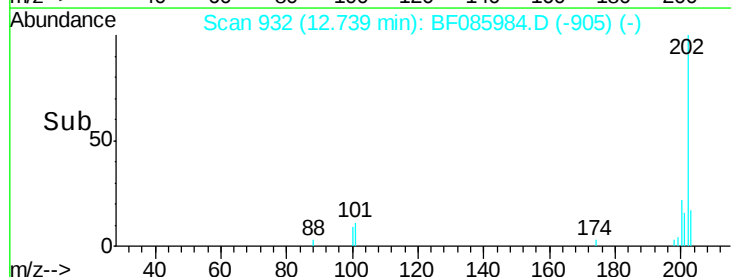
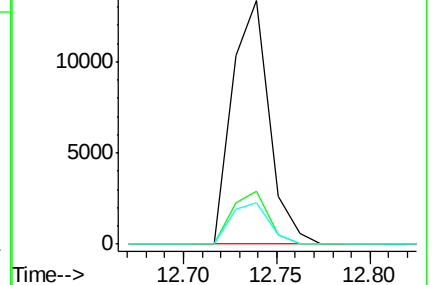
203 17.0 14.0 21.0

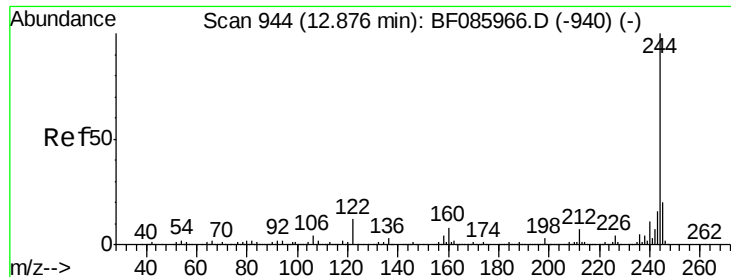


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.86 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

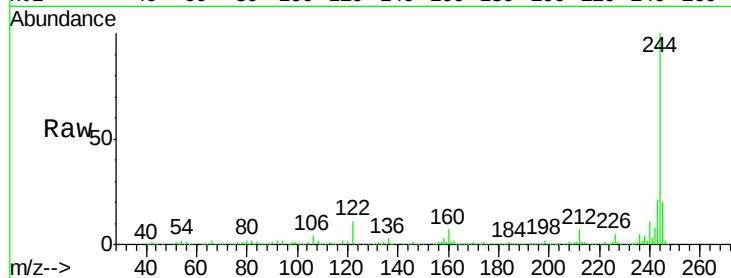
Tot Ion:244 Resp: 1118334

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

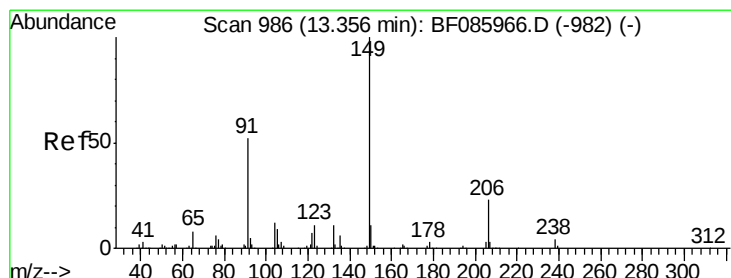
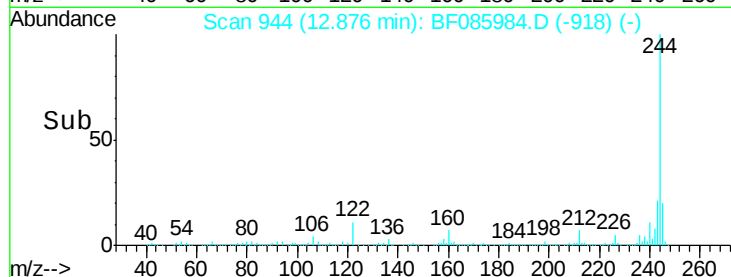
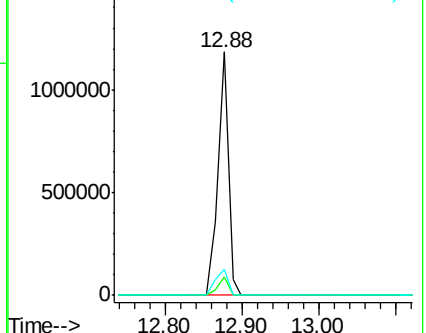
122 10.8 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.51 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

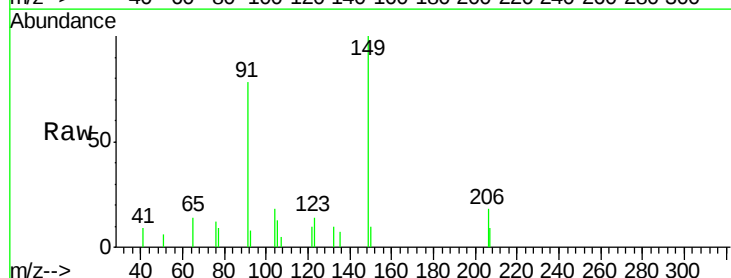
Tgt Ion:149 Resp: 5556

Ion Ratio Lower Upper

149 100

91 77.7 45.8 68.8#

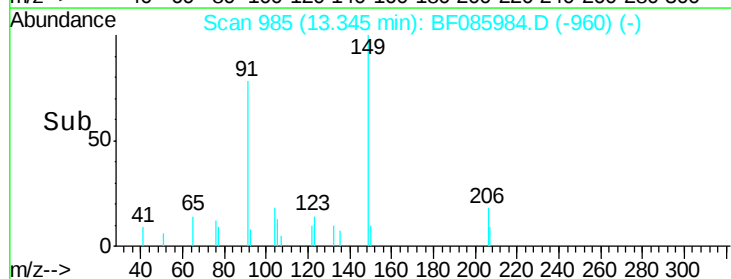
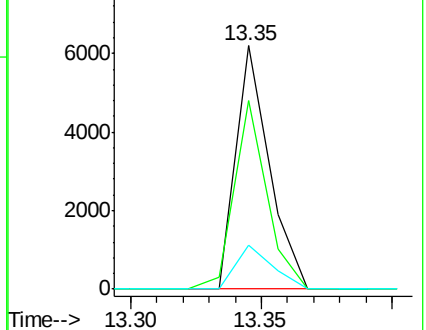
206 18.2 17.8 26.8

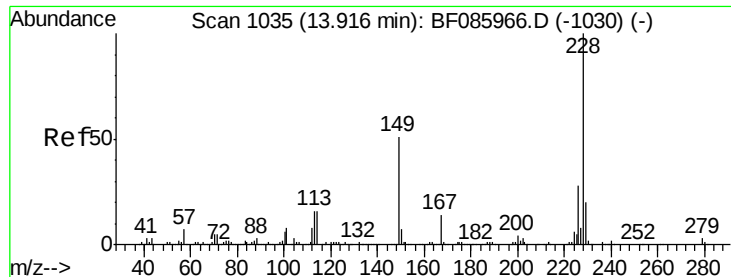


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.91 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

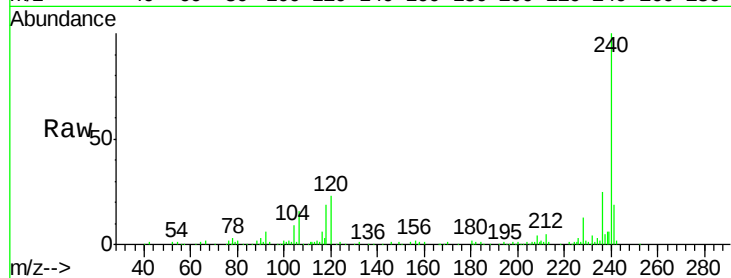
Tot Ion:228 Resp: 18598

Ion Ratio Lower Upper

228 100

226 25.2 22.1 33.1

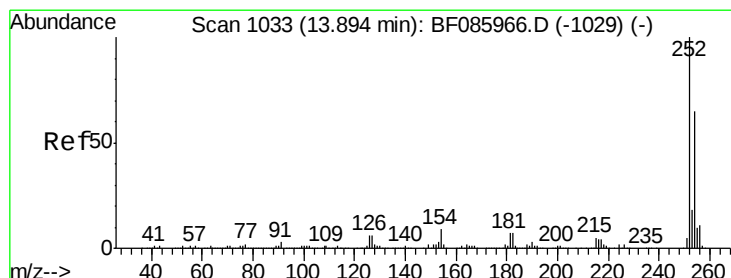
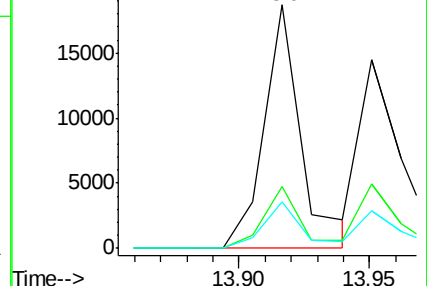
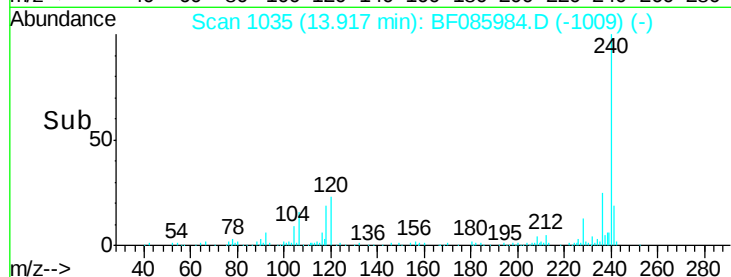
229 19.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.17 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

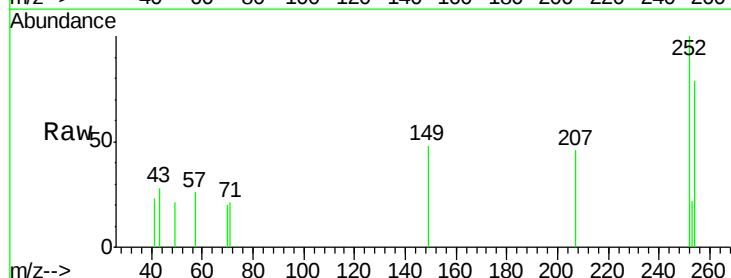
Tgt Ion:252 Resp: 2473

Ion Ratio Lower Upper

252 100

254 78.6 50.7 76.1#

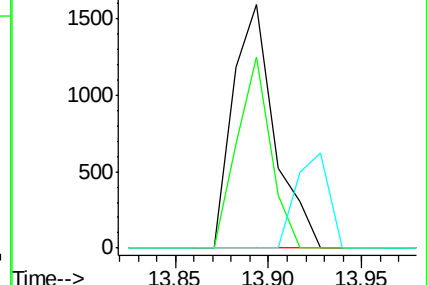
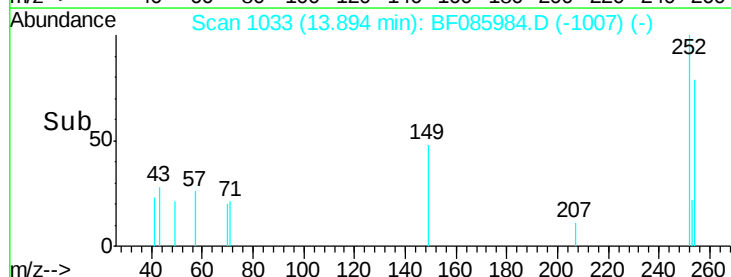
126 0.0 11.8 17.6#

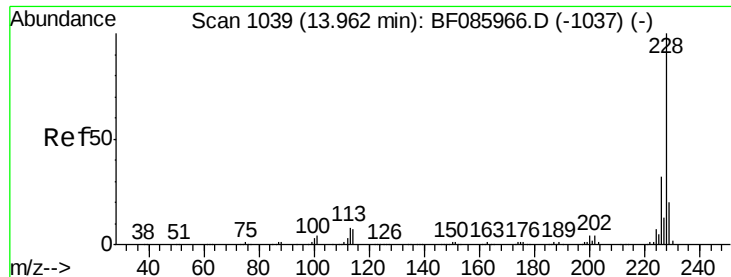


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.80 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

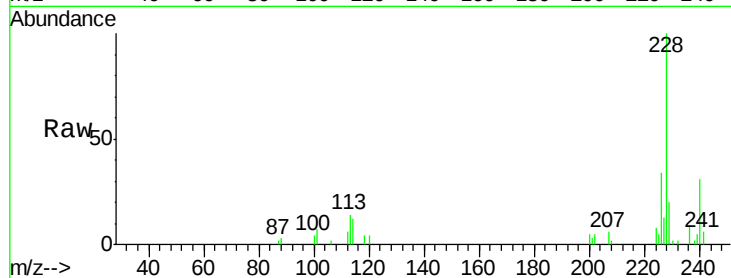
Tot Ion:228 Resp: 15795

Ion Ratio Lower Upper

228 100

226 33.9 25.0 37.6

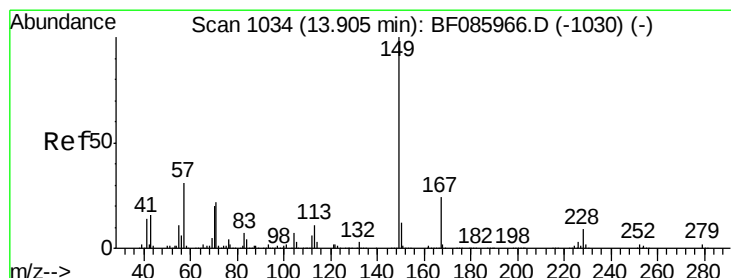
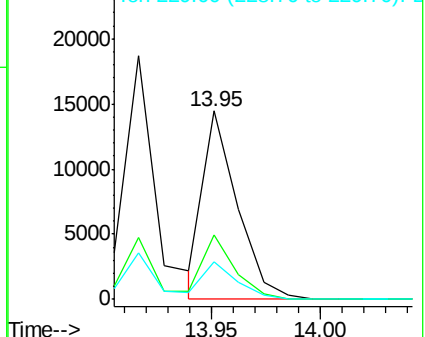
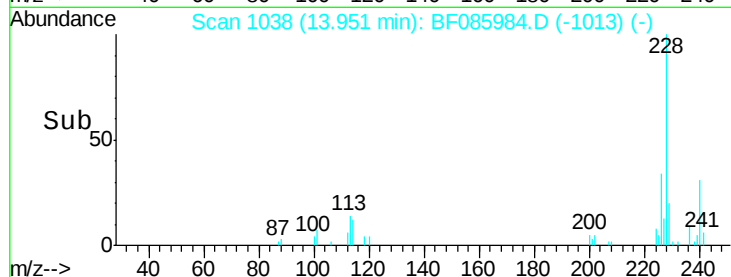
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.55 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

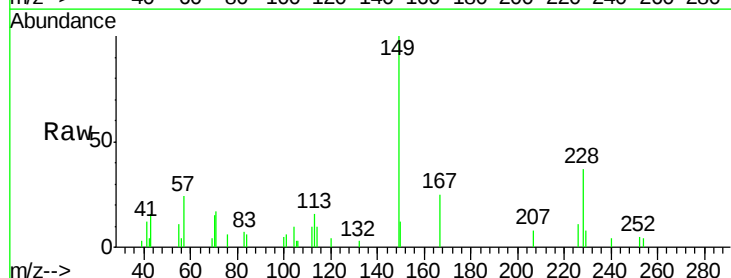
Tgt Ion:149 Resp: 8081

Ion Ratio Lower Upper

149 100

167 24.7 19.4 29.2

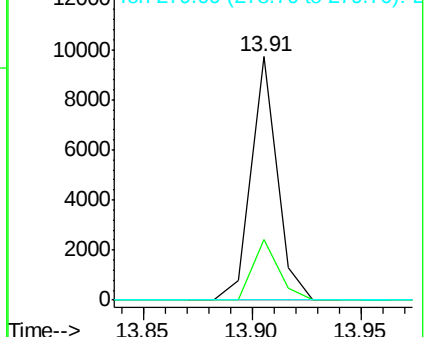
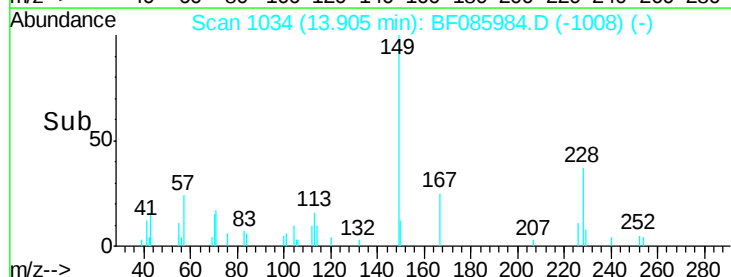
279 0.0 1.5 2.3#

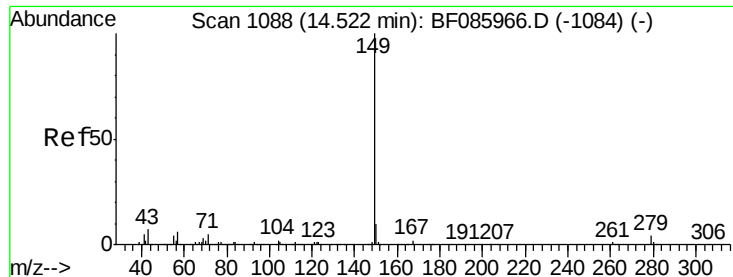


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

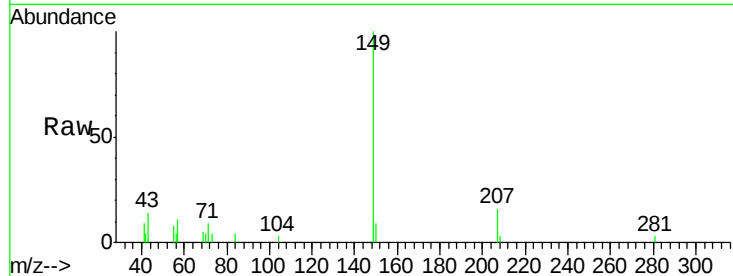




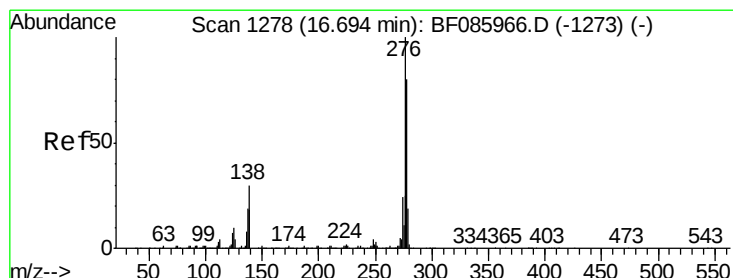
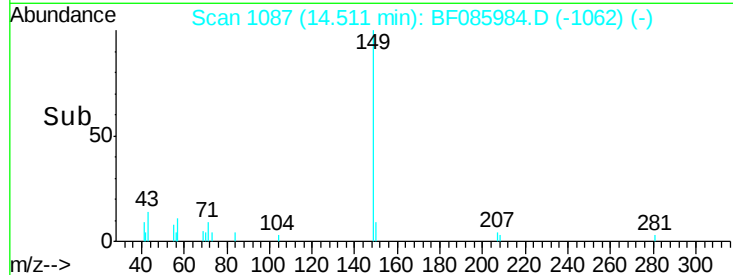
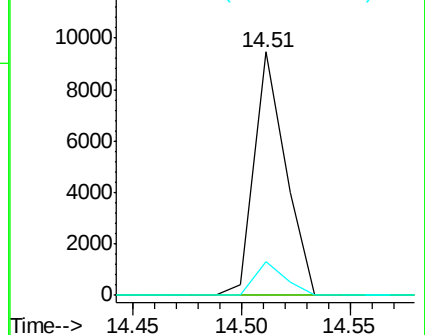
#84
Di-n-octyl phthalate
Concen: 0.41 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:149 Resp: 9488
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 13.2 7.1 10.7#

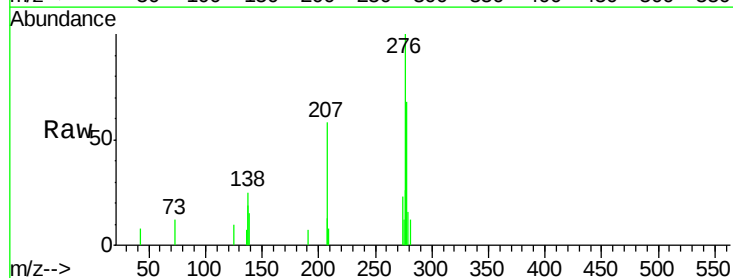


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

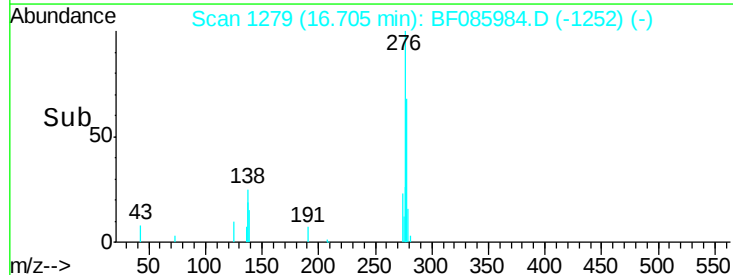
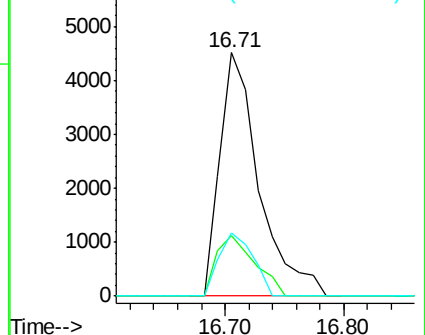


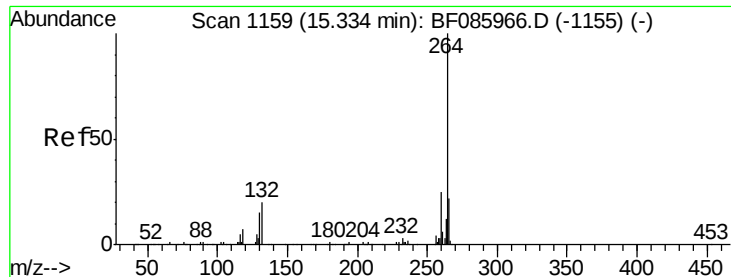
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:276 Resp: 10306
Ion Ratio Lower Upper
276 100
138 24.4 24.2 36.4
277 22.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

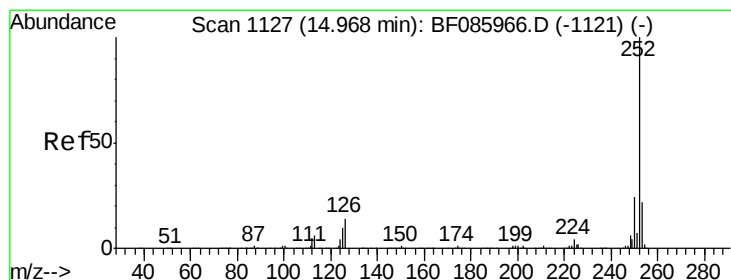
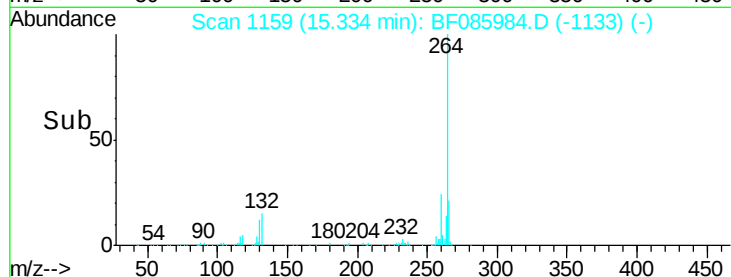
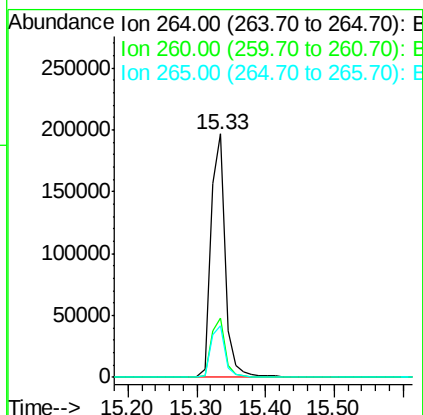
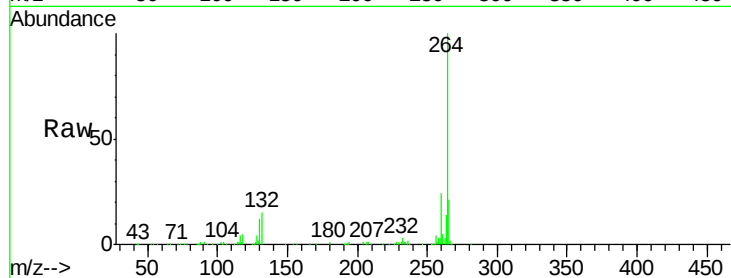




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

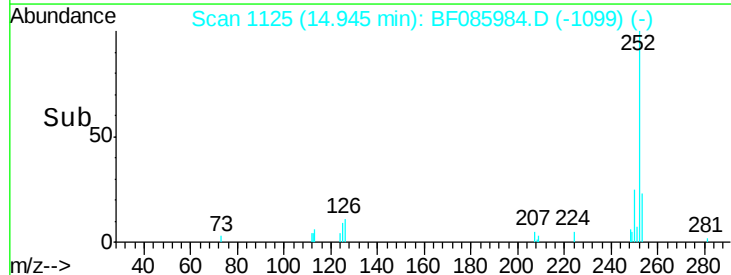
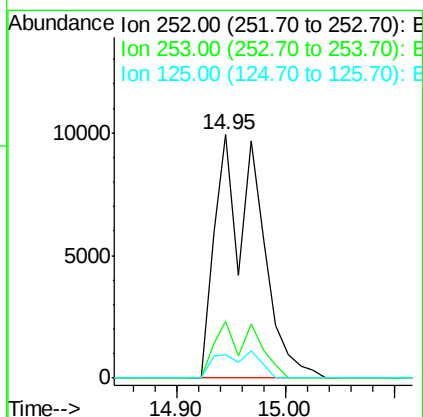
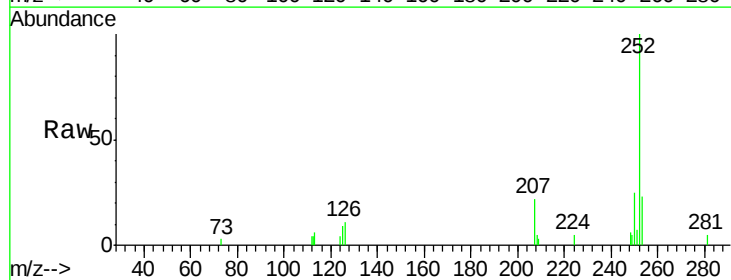
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

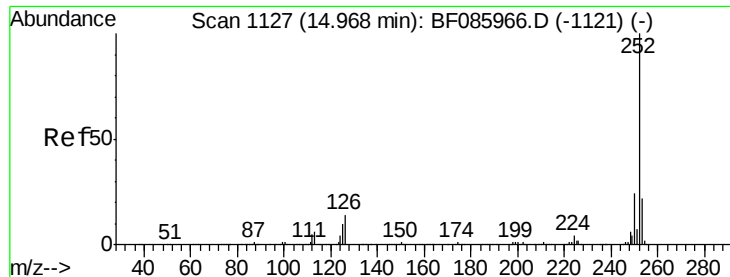
Tot Ion:264 Resp: 288165
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 20.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 1.49 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 26944
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.4 10.3 15.5#

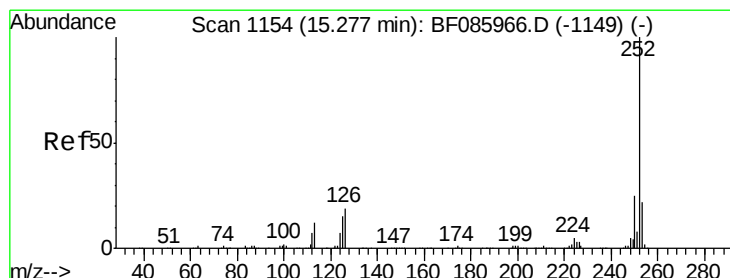
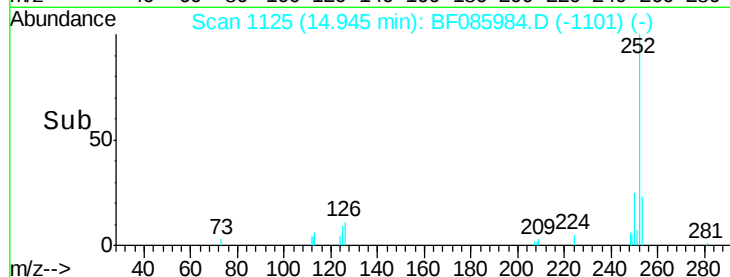
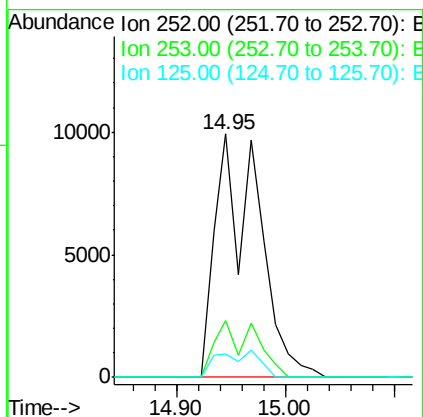
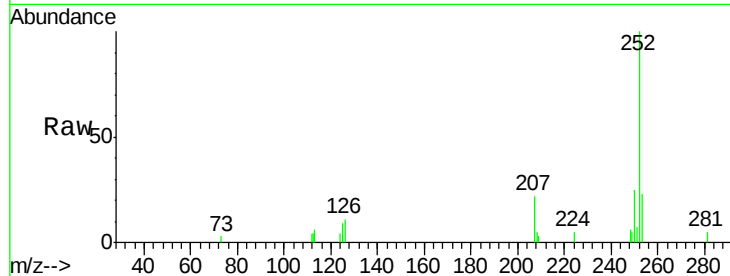




#88
Benzo(k)fluoranthene
Concen: 1.68 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

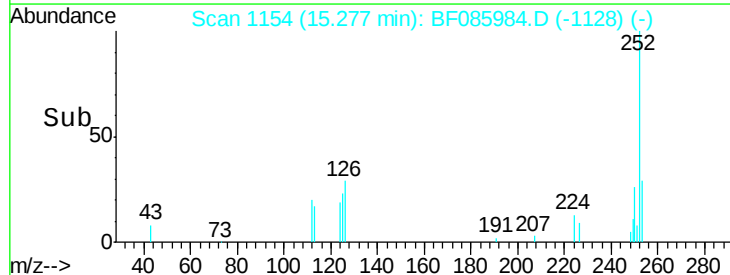
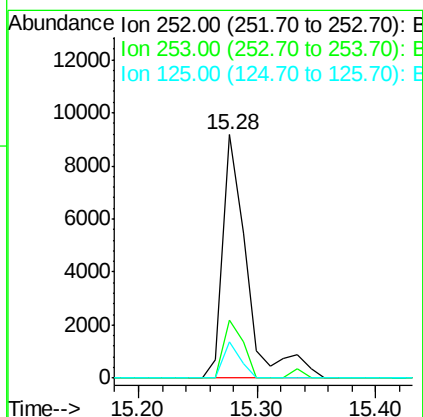
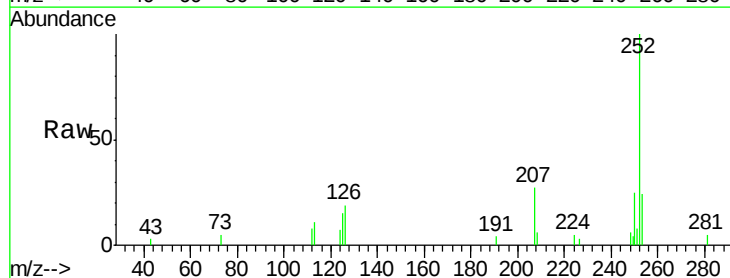
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

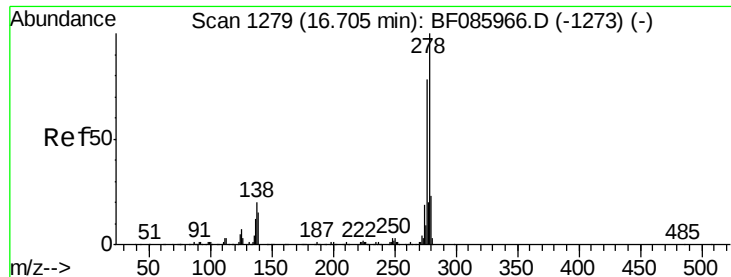
Tot Ion:252 Resp: 26944
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 9.4 7.7 11.5



#89
Benzo(a)pyrene
Concen: 0.80 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 12879
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 14.9 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 0.66 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

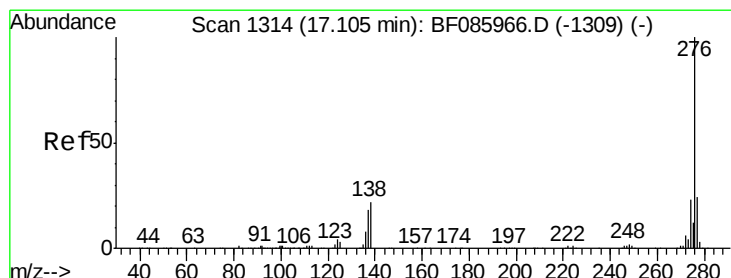
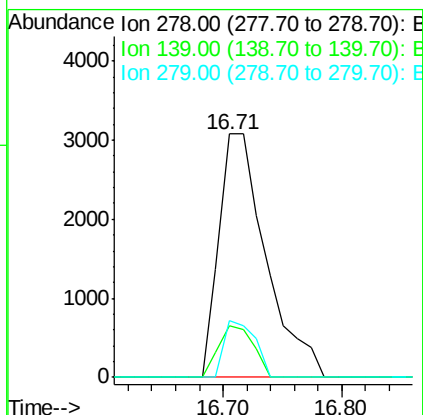
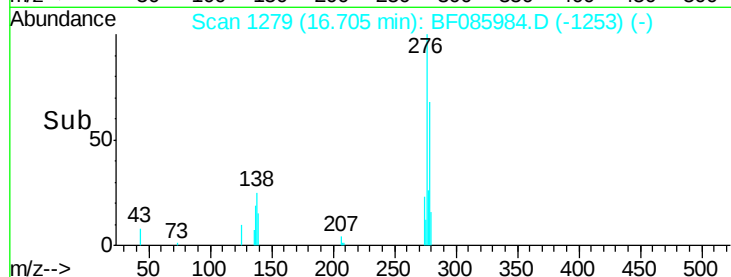
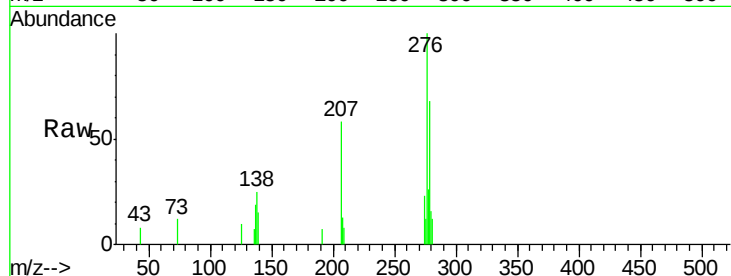
Tot Ion:278 Resp: 8487

Ion Ratio Lower Upper

278 100

139 21.4 14.4 21.6

279 23.6 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 0.68 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF085984.D

Acq: 2 Apr 2016 2:06

Tgt Ion:276 Resp: 8494

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 25.1 22.6 34.0

