

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085986.D
 Acq On : 2 Apr 2016 3:04
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 5PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 03:36:25 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	105557	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	413952	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192066	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	385876	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	349537	20.00	ng	0.00
86) Perylene-d12	15.33	264	290703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	637638	103.25	ng	0.00
7) Phenol-d6	6.41	99	805960	102.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	508373	72.42	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	239903	133.08	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	932486	80.72	ng	0.00
78) Terphenyl-d14	12.88	244	1008516	67.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	7775	2.66	ng	# 82
4) n-Nitrosodimethylamine	3.14	42	4486	1.56	ng	# 90
6) Aniline	6.44	93	29572	2.87	ng	92
8) 2-Chlorophenol	6.56	128	25190	3.42	ng	96
9) Benzaldehyde	6.34	77	20133	4.77	ng	98
10) Phenol	6.42	94	30279	3.38	ng	# 1
11) bis(2-Chloroethyl)ether	6.51	93	26165	3.69	ng	95
12) 1,3-Dichlorobenzene	6.72	146	26795	3.43	ng	# 94
13) 1,4-Dichlorobenzene	6.80	146	27773	3.45	ng	94
14) 1,2-Dichlorobenzene	6.94	146	24928	3.37	ng	99
15) Benzyl Alcohol	6.96	79	12905	2.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	29145	3.37	ng	79
17) 2-Methylphenol	7.05	107	20388	3.51	ng	# 86
18) Hexachloroethane	7.28	117	9343	3.16	ng	# 80
19) n-Nitroso-di-n-propylamine	7.18	70	17072	3.51	ng	# 90
20) 3+4-Methylphenols	7.21	107	25532	3.62	ng	# 74
22) Acetophenone	7.20	105	32802	3.37	ng	# 90
24) Nitrobenzene	7.36	77	27011	3.52	ng	97
25) Isophorone	7.60	82	49435	3.57	ng	99
26) 2-Nitrophenol	7.69	139	11079	3.02	ng	# 85
27) 2,4-Dimethylphenol	7.72	122	22020	3.34	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	31198	3.84	ng	98
29) 2,4-Dichlorophenol	7.94	162	18149	3.25	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	20514	3.28	ng	95
31) Naphthalene	8.08	128	76313	3.67	ng	98
32) Benzoic acid	7.85	122	4943	1.02	ng	# 77
33) 4-Chloroaniline	8.14	127	27160	3.23	ng	# 95
34) Hexachlorobutadiene	8.20	225	10842	3.22	ng	98
35) Caprolactam	8.48	113	5113	2.89	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	22141	3.53	ng	92
37) 2-Methylnaphthalene	8.77	142	51586	3.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	19550	3.39	ng	98
40) Hexachlorocyclopentadiene	8.92	237	1357	6.26	ng	91
42) 2,4,6-Trichlorophenol	9.06	196	11909	3.21	ng	99

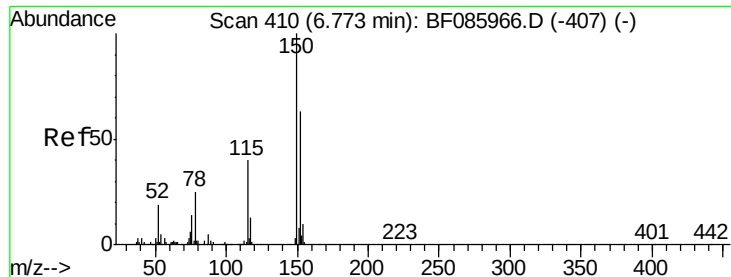
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	13023	3.46	nq	# 84
45) 1,1'-Biphenyl	9.23	154	61221	3.70	nq	98
46) 2-Chloronaphthalene	9.26	162	42384	3.53	nq	98
47) 2-Nitroaniline	9.37	65	11017	3.14	nq	98
48) Acenaphthylene	9.68	152	71591	3.72	nq	96
49) Dimethylphthalate	9.53	163	50374	3.54	nq	98
50) 2,6-Dinitrotoluene	9.60	165	10384	3.45	nq	89
51) Acenaphthene	9.84	154	42941	3.75	nq	99
52) 3-Nitroaniline	9.78	138	11659	3.21	nq	94
53) 2,4-Dinitrophenol	9.93	184	823	2.70	nq	# 9
54) Dibenzofuran	10.02	168	64094	4.24	nq	99
55) 4-Nitrophenol	10.02	139	31816	14.87	nq	# 15
56) 2,4-Dinitrotoluene	10.02	165	11782	3.10	nq	# 48
57) Fluorene	10.36	166	50493	3.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	9830	3.51	nq	# 97
59) Diethylphthalate	10.24	149	51535	3.59	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	24718	4.11	nq	95
61) 4-Nitroaniline	10.38	138	11975	3.35	nq	91
62) Azobenzene	10.51	77	51936	3.77	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	3162	1.35	nq	86
65) n-Nitrosodiphenylamine	10.46	169	45700	3.79	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	12897	3.27	nq	93
67) Hexachlorobenzene	10.91	284	13514	3.32	nq	96
68) Atrazine	10.99	200	13608	3.49	nq	95
69) Pentachlorophenol	11.12	266	3403	1.78	nq	91
70) Phenanthrene	11.31	178	81093	3.85	nq	98
71) Anthracene	11.37	178	83092	3.77	nq	97
72) Carbazole	11.53	167	76066	4.01	nq	97
73) Di-n-butylphthalate	11.86	149	75910	3.23	nq	98
74) Fluoranthene	12.50	202	77862	3.56	nq	97
76) Benzidine	12.64	184	21986	1.78	nq	98
77) Pyrene	12.73	202	85361	3.47	nq	98
79) Butylbenzylphthalate	13.35	149	30320	2.73	nq	# 73
80) Benzo(a)anthracene	13.92	228	73946	3.59	nq	98
81) 3,3'-Dichlorobenzidine	13.88	252	12271	0.82	nq	98
82) Chrysene	13.95	228	64668	3.26	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	45142	3.07	nq	# 100
84) Di-n-octyl phthalate	14.51	149	61327	2.61	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	49125	3.05	nq	98
87) Benzo(b)fluoranthene	14.93	252	118703	6.49	nq	98
88) Benzo(k)fluoranthene	14.93	252	118703	7.33	nq	98
89) Benzo(a)pyrene	15.28	252	55880	3.45	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	39902	3.06	nq	96
91) Benzo(g,h,i)perylene	17.11	276	39699	3.15	nq	# 92

(#) = 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

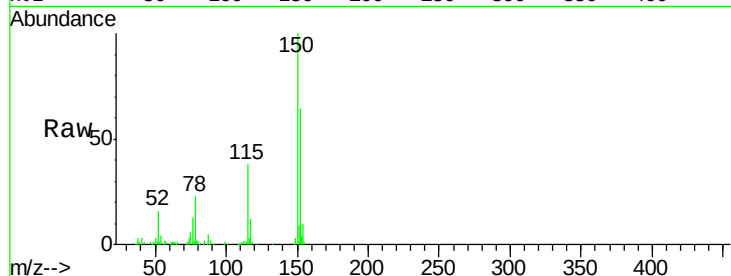
Tot Ion:152 Resp: 105557

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

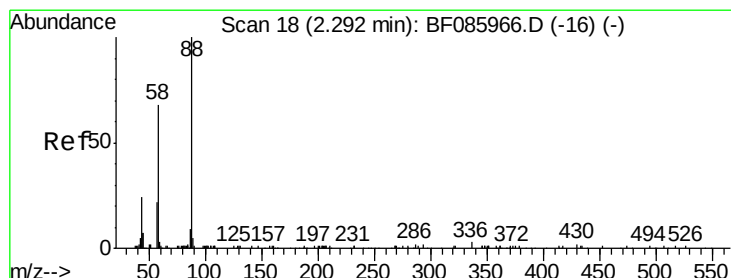
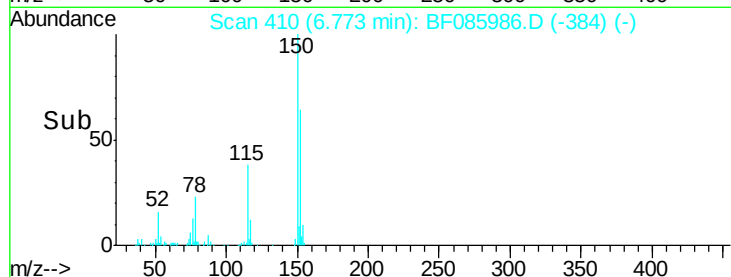
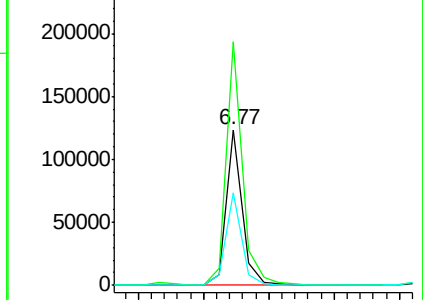
115 59.3 47.0 70.6



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: 2.66 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

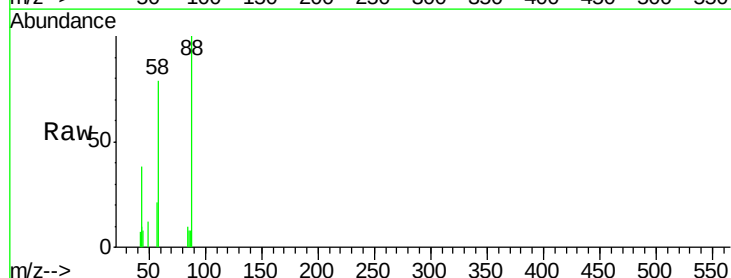
Tgt Ion: 88 Resp: 7775

Ion Ratio Lower Upper

88 100

58 81.9 54.2 81.2#

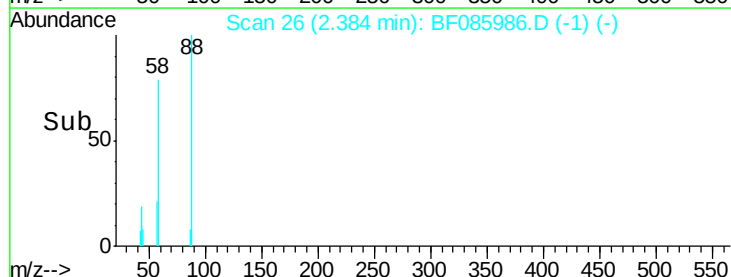
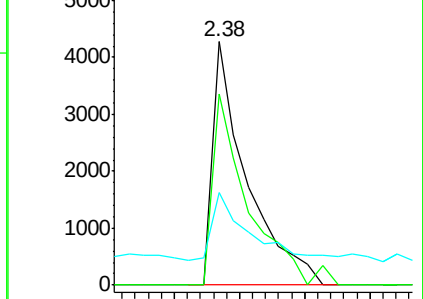
43 33.0 19.3 28.9#

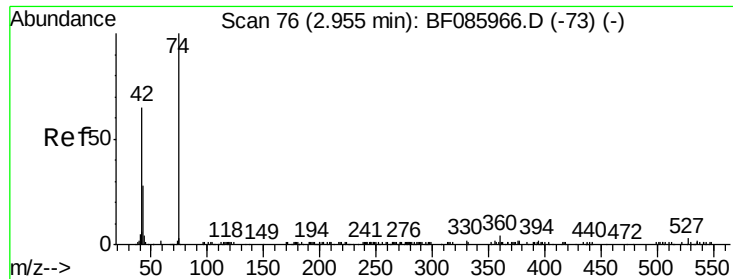


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 1.56 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.18 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

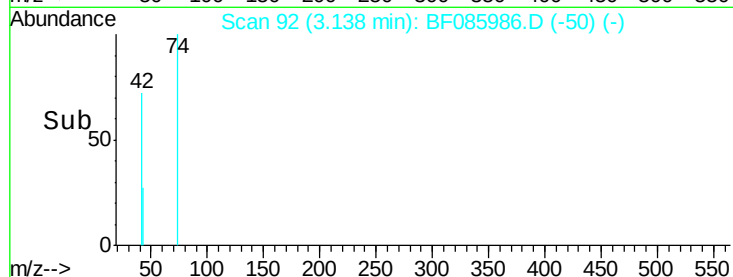
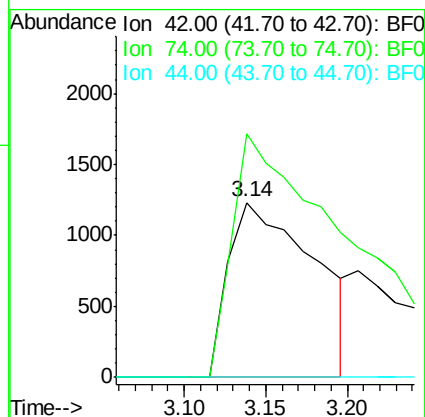
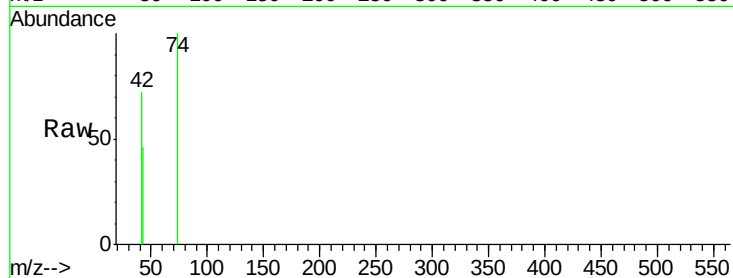
Tot Ion: 42 Resp: 4486

Ion Ratio Lower Upper

42 100

74 139.2 121.4 182.2

44 0.0 5.6 8.4#



#5

2-Fluorophenol

Concen: 103.25 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

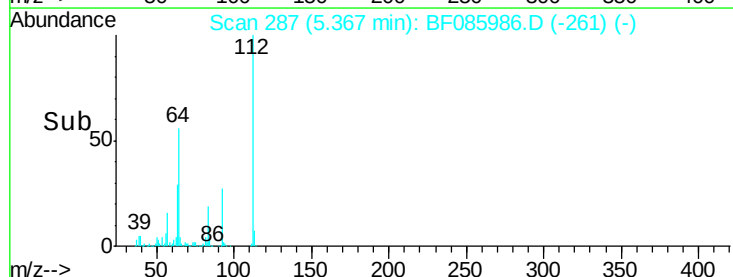
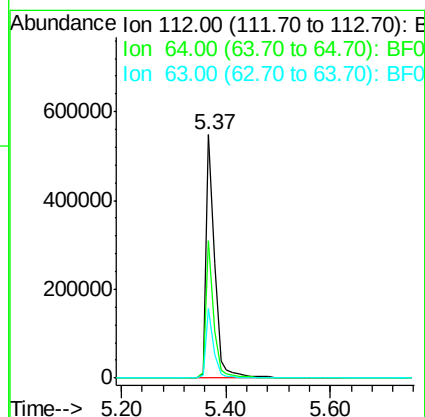
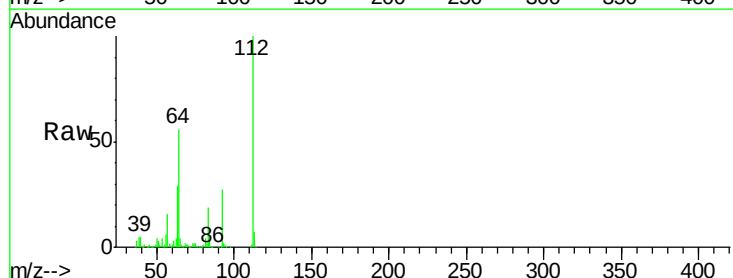
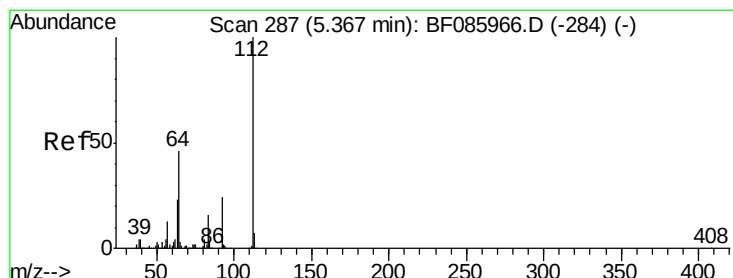
Tgt Ion: 112 Resp: 637638

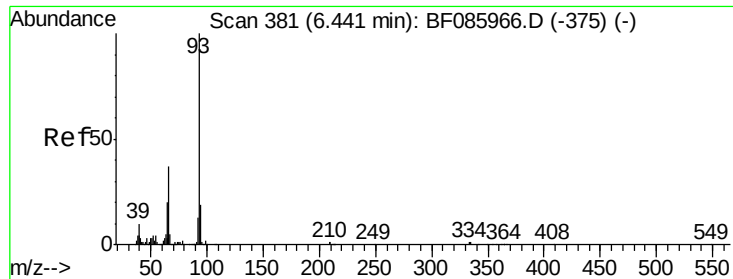
Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

63 28.6 20.2 30.2





#6

Aniline

Concen: 2.87 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

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LOD-WATER2016-01

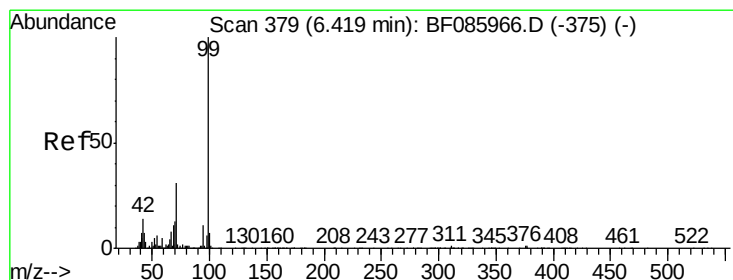
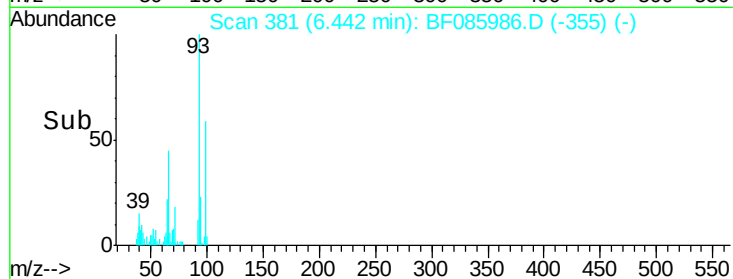
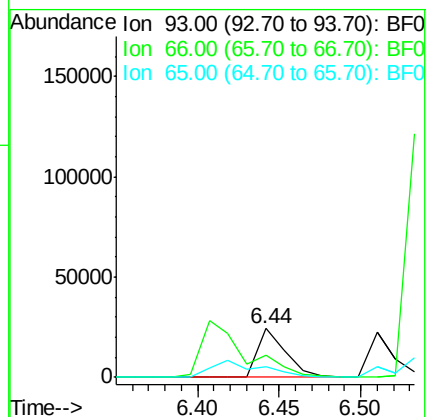
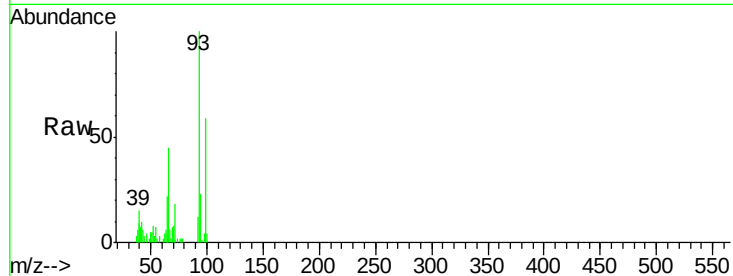
Tot Ion: 93 Resp: 29572

Ion Ratio Lower Upper

93 100

66 44.6 31.4 47.2

65 22.1 15.7 23.5



#7

Phenol-d6

Concen: 102.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

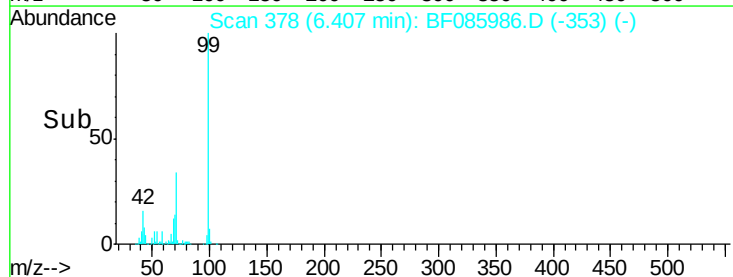
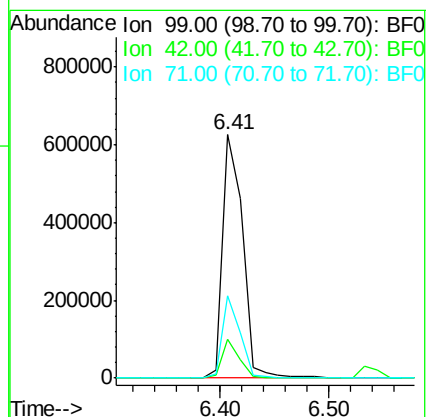
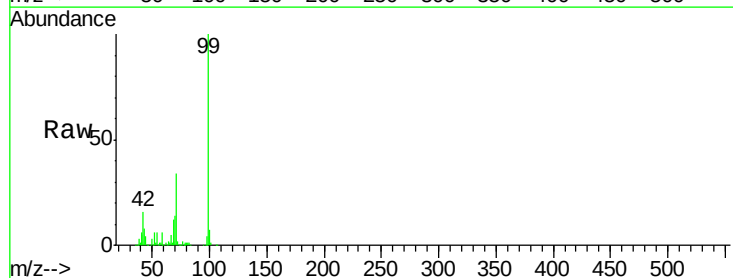
Tgt Ion: 99 Resp: 805960

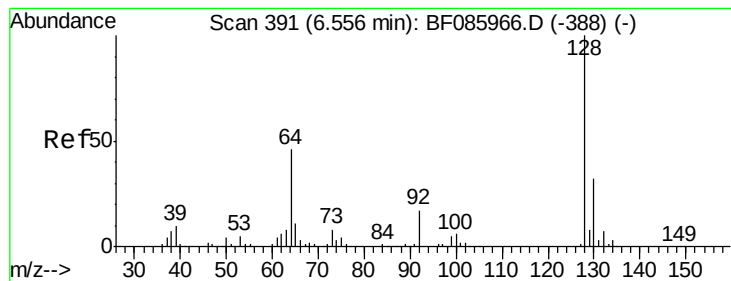
Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 33.6 24.9 37.3





#8

2-Chlorophenol

Concen: 3.42 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

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BNA_F

ClientSampleId :

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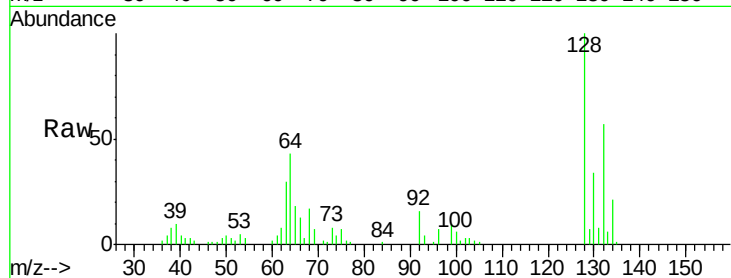
Tot Ion:128 Resp: 25190

Ion Ratio Lower Upper

128 100

130 34.4 12.9 52.9

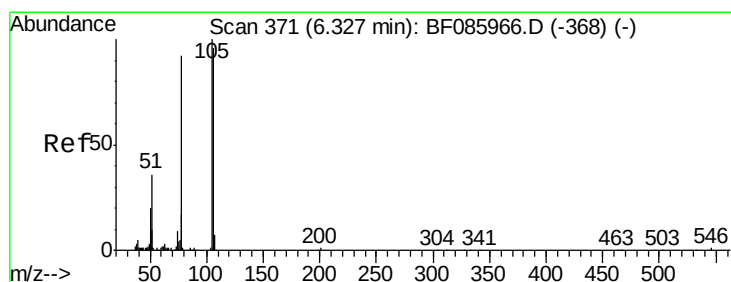
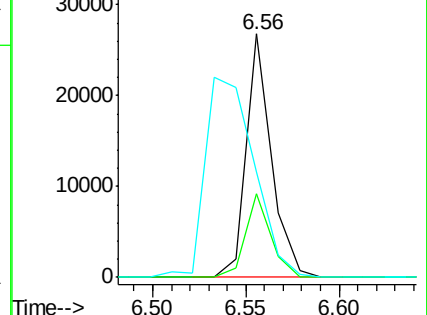
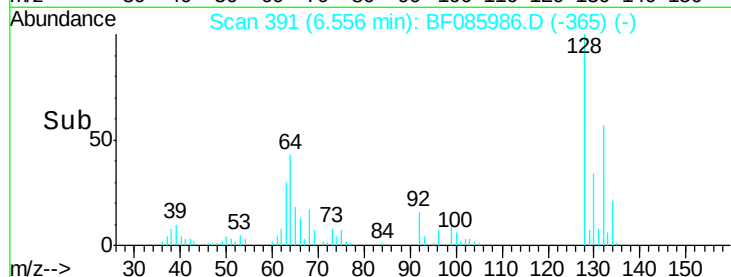
64 43.2 20.2 60.2



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



#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

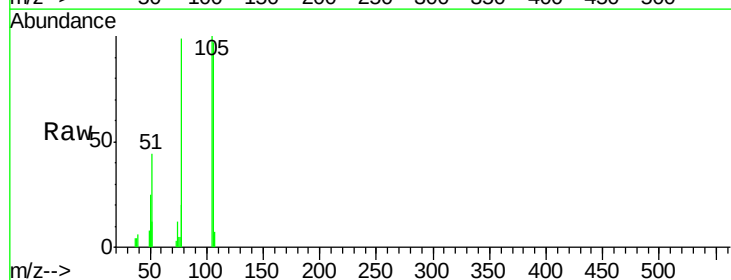
Tgt Ion: 77 Resp: 20133

Ion Ratio Lower Upper

77 100

105 100.8 80.1 120.1

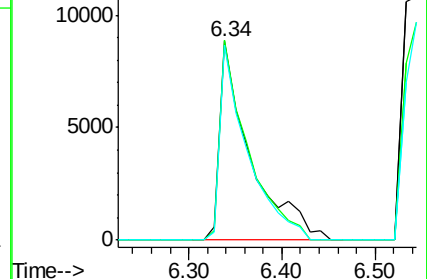
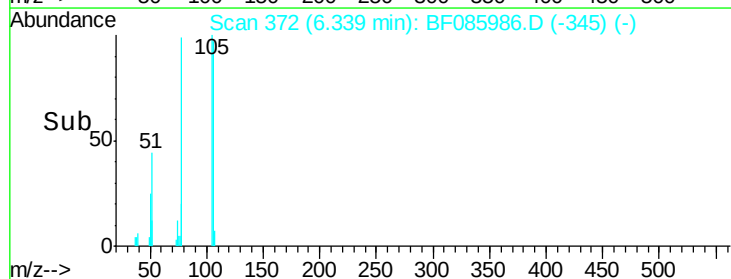
106 98.3 75.0 115.0

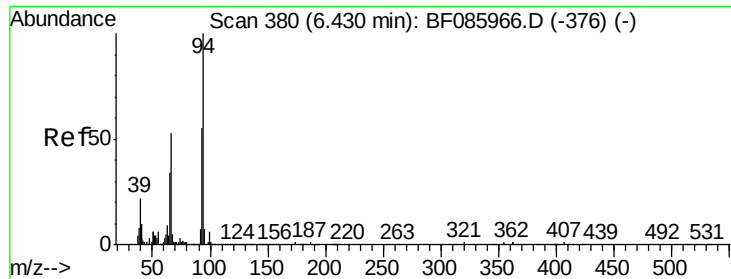


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.38 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085986.D

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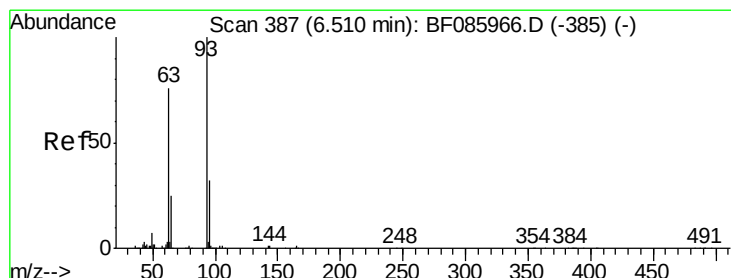
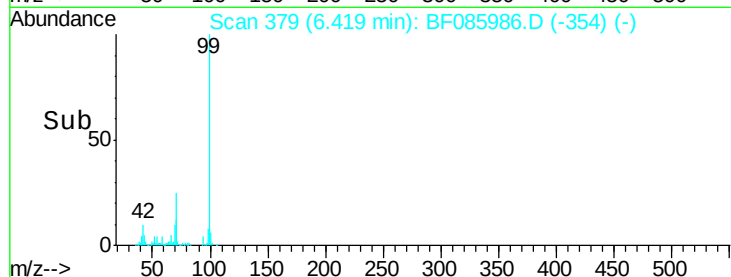
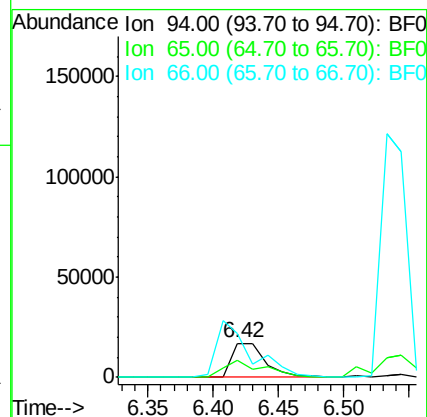
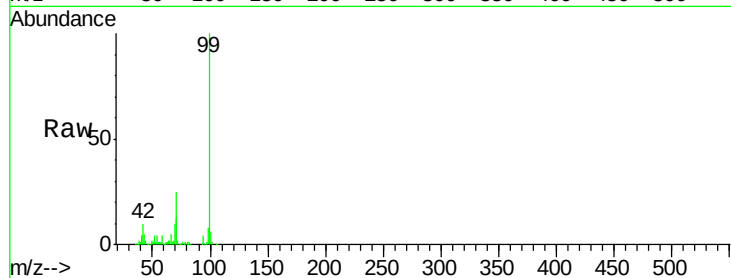
Tot Ion: 94 Resp: 30279

Ion Ratio Lower Upper

94 100

65 49.1 8.6 48.6#

66 129.9 20.0 60.0#



#11

bis(2-Chloroethyl)ether

Concen: 3.69 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

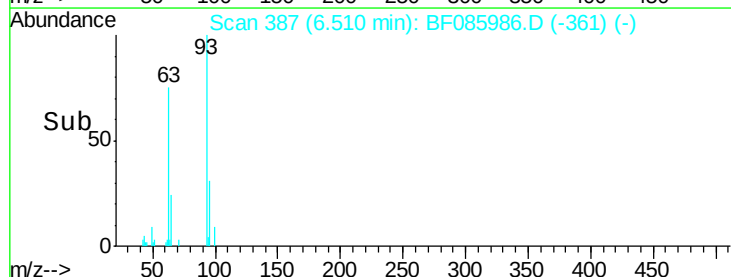
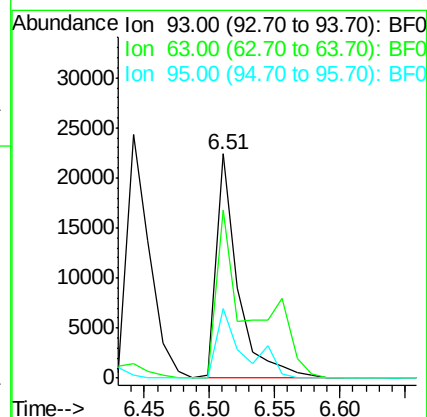
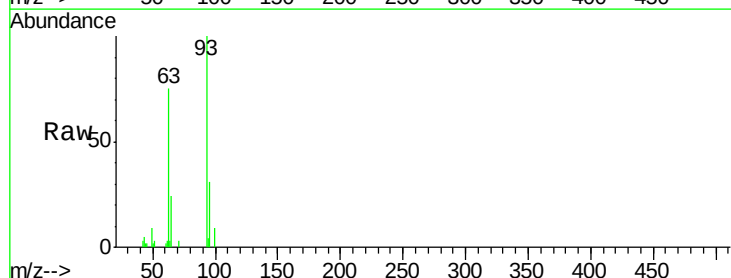
Tgt Ion: 93 Resp: 26165

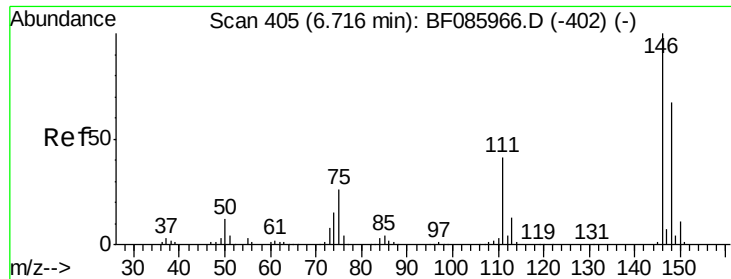
Ion Ratio Lower Upper

93 100

63 75.2 50.9 90.9

95 30.9 13.3 53.3





#12

1,3-Dichlorobenzene

Concen: 3.43 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

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ClientSampleId :

LOD-WATER2016-01

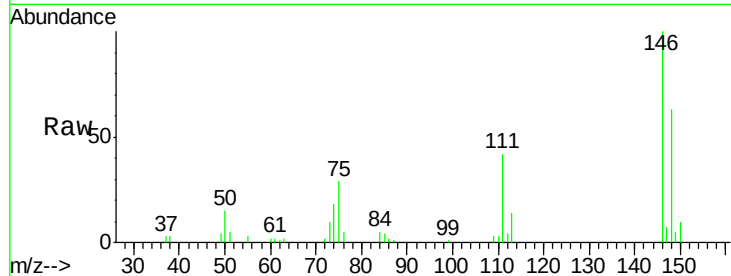
Tot Ion:146 Resp: 26795

Ion Ratio Lower Upper

146 100

148 63.0 52.3 78.5

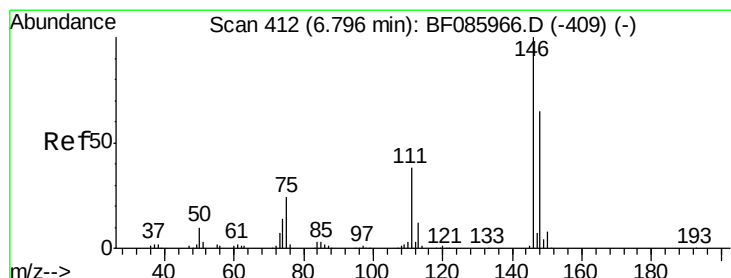
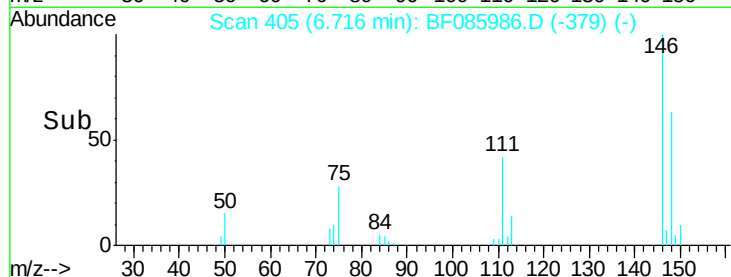
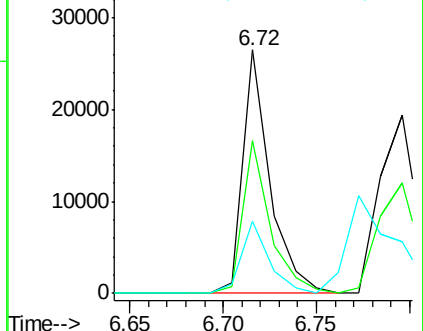
75 29.5 17.4 26.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 3.45 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

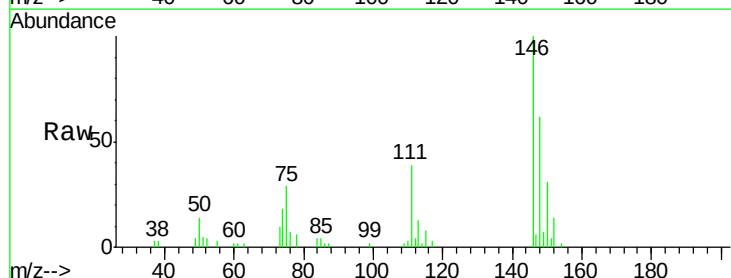
Tgt Ion:146 Resp: 27773

Ion Ratio Lower Upper

146 100

148 62.4 50.6 76.0

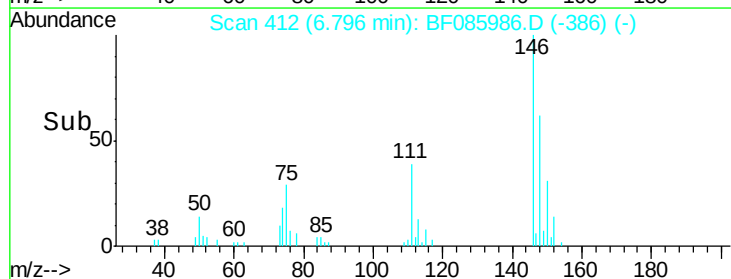
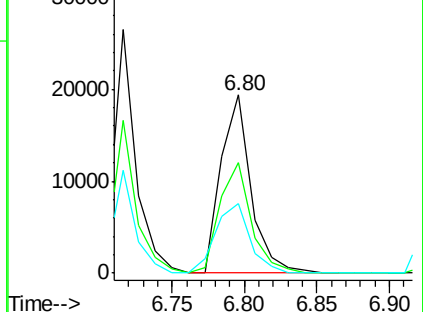
111 38.9 37.8 56.6

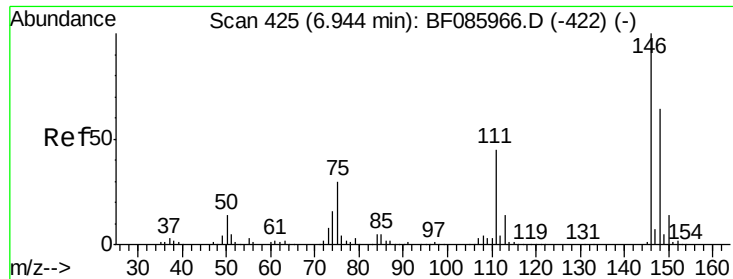


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

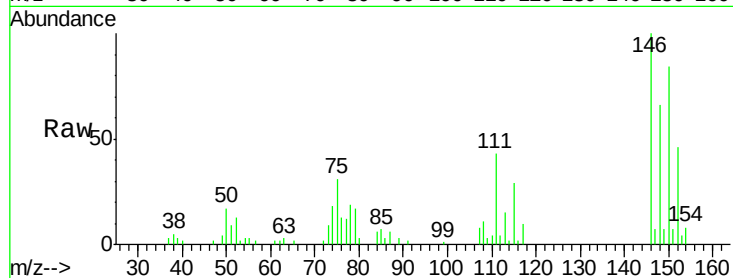




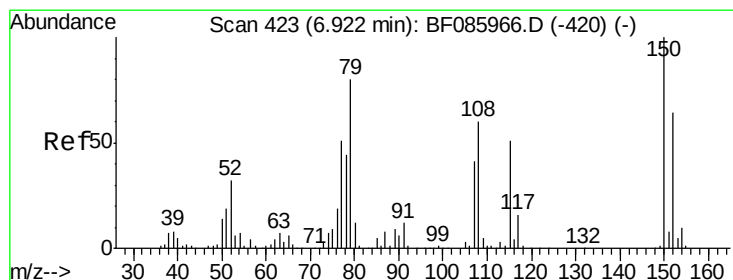
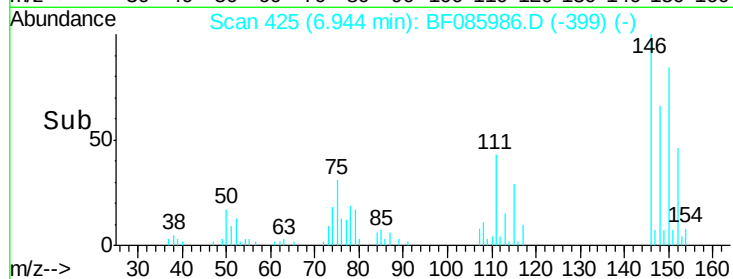
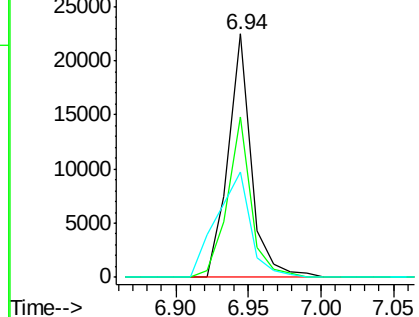
#14
 1,2-Dichlorobenzene
 Concen: 3.37 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:146 Resp: 24928
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.2
 111 43.3 34.6 52.0

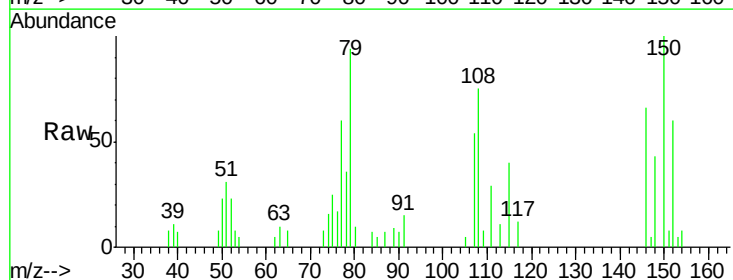


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

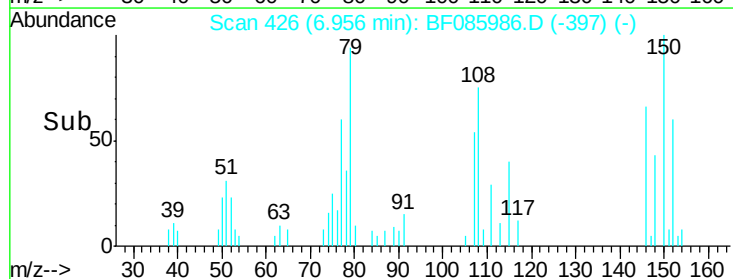
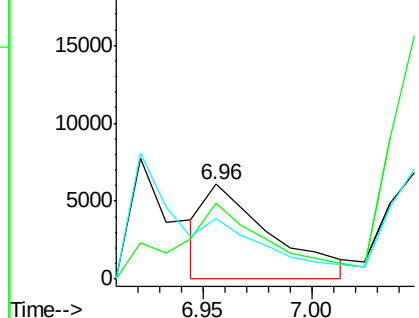


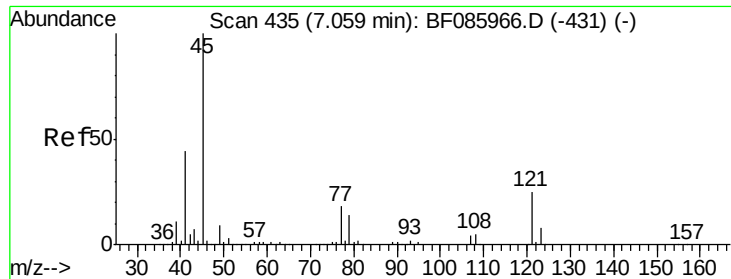
#15
 Benzyl Alcohol
 Concen: 2.54 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.03 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion: 79 Resp: 12905
 Ion Ratio Lower Upper
 79 100
 108 79.9 61.8 92.6
 77 64.1 49.6 74.4



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

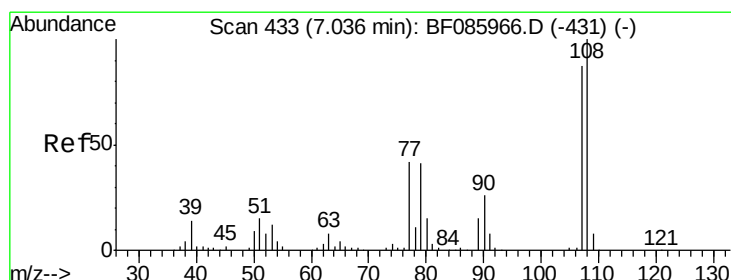
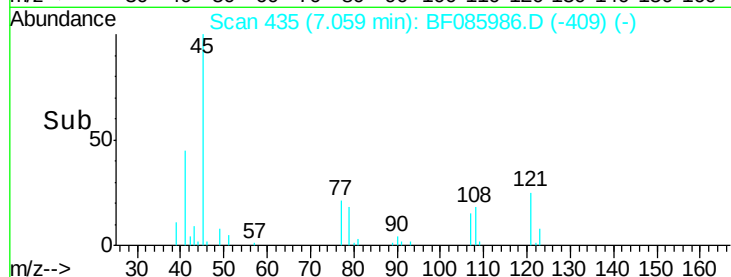
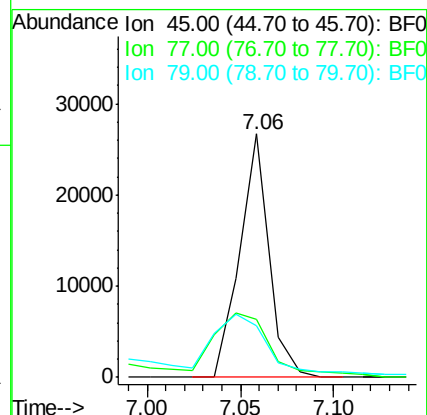
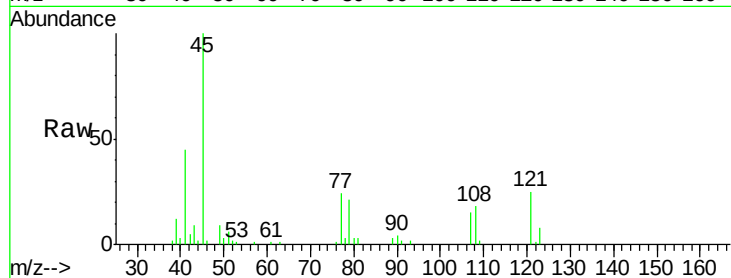




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.37 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

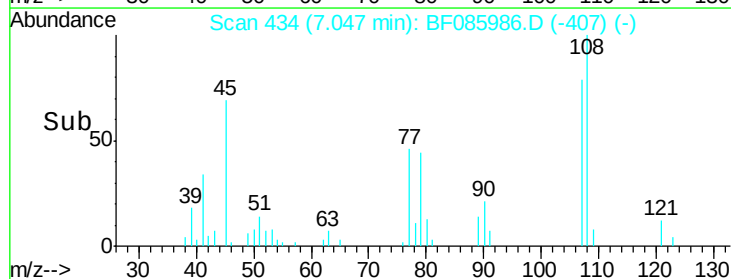
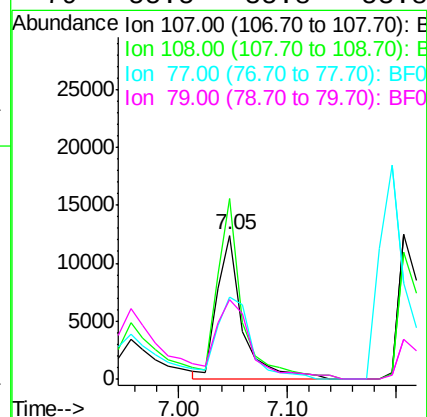
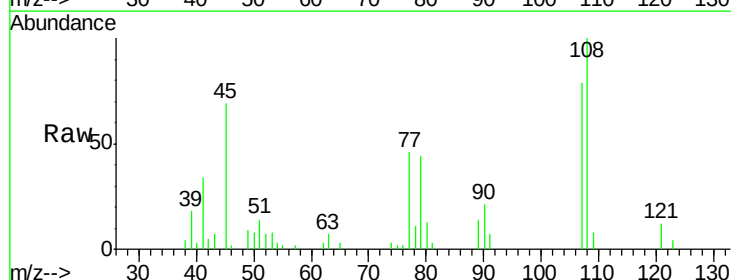
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

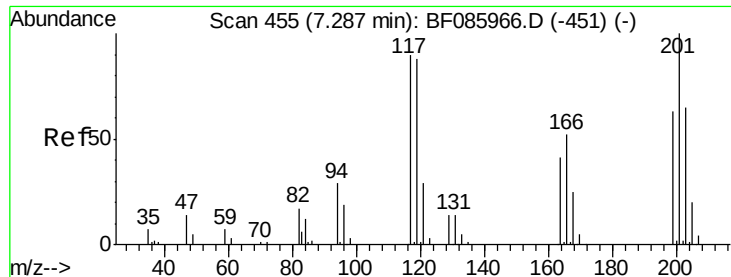
Tot Ion: 45 Resp: 29145
Ion Ratio Lower Upper
45 100
77 23.9 0.0 35.7
79 21.1 0.0 32.2



#17
2-Methylphenol
Concen: 3.51 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion: 107 Resp: 20388
Ion Ratio Lower Upper
107 100
108 126.1 91.4 137.0
77 57.4 36.2 54.2#
79 55.5 35.8 53.8#

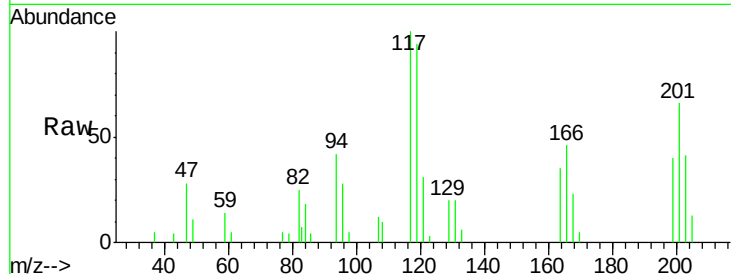




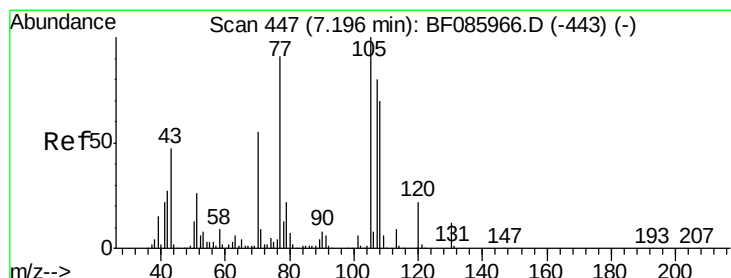
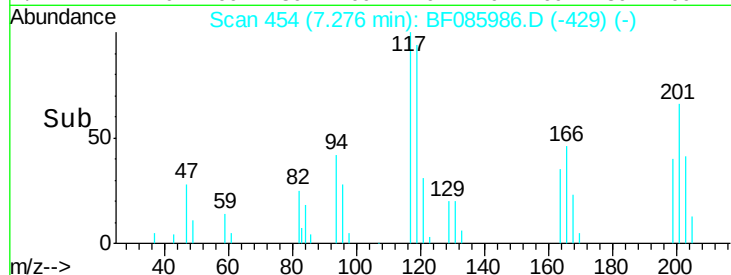
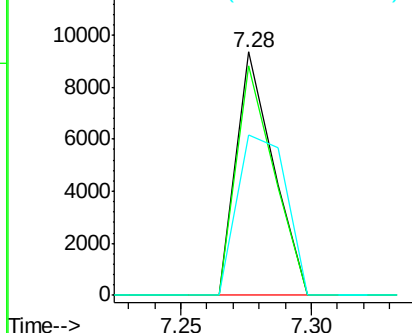
#18
Hexachloroethane
Concen: 3.16 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion: 117 Resp: 9343
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 66.0 83.3 124.9#

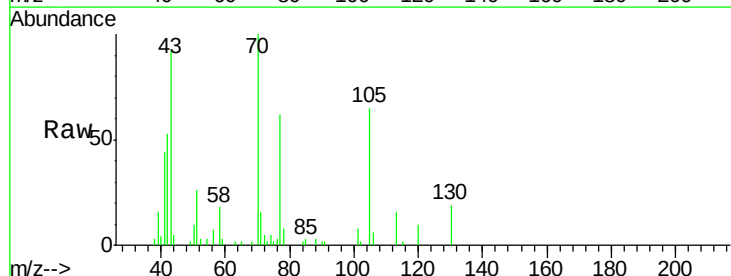


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

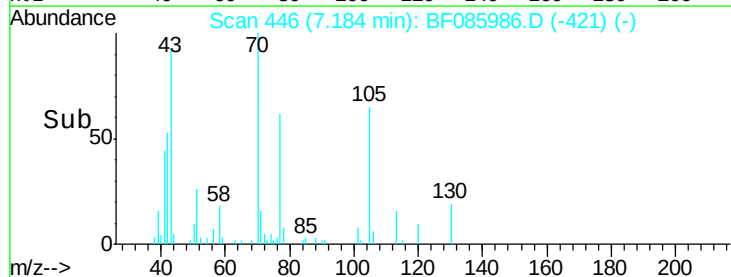
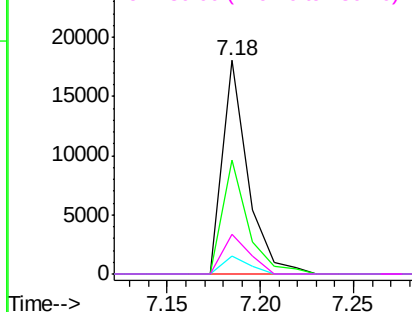


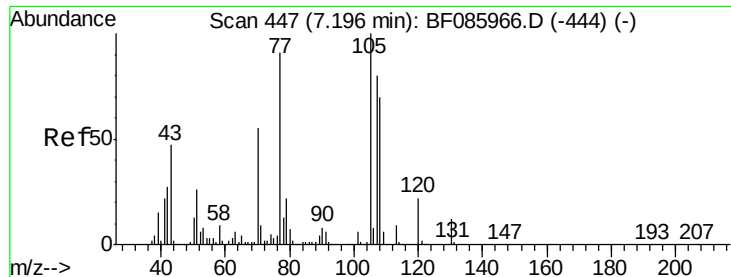
#19
n-Nitroso-di-n-propylamine
Concen: 3.51 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion: 70 Resp: 17072
Ion Ratio Lower Upper
70 100
42 53.1 37.1 55.7
101 8.3 8.6 12.8#
130 18.7 19.6 29.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

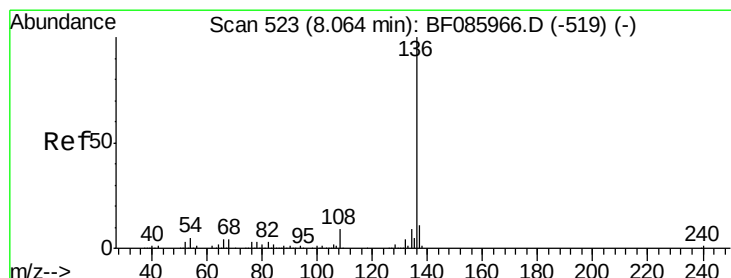
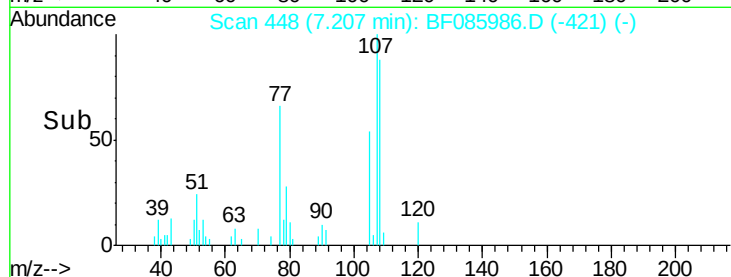
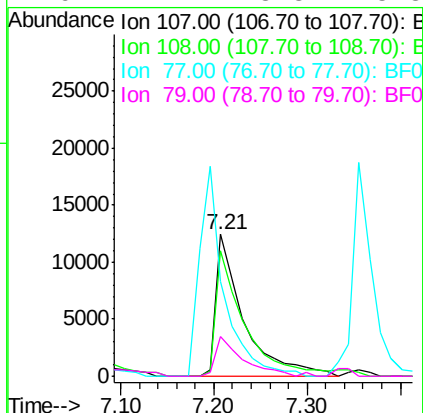
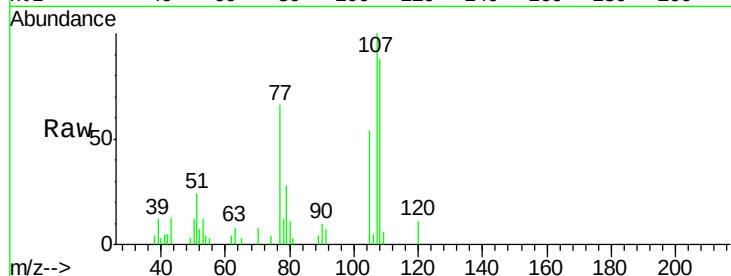




#20
 3+4-Methylphenols
 Concen: 3.62 ng
 RT: 7.21 min Scan# 448
 Delta R.T. 0.01 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

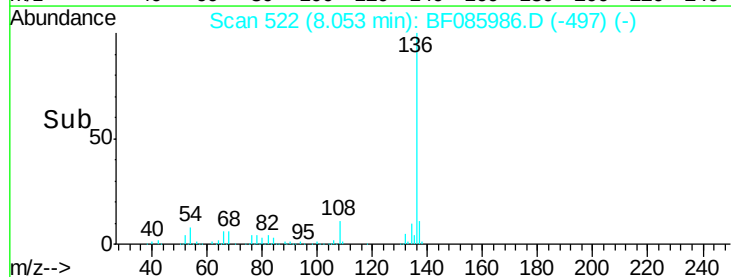
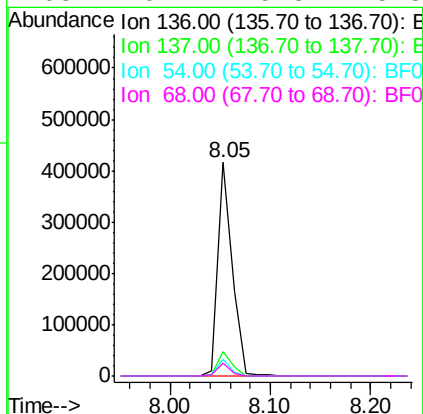
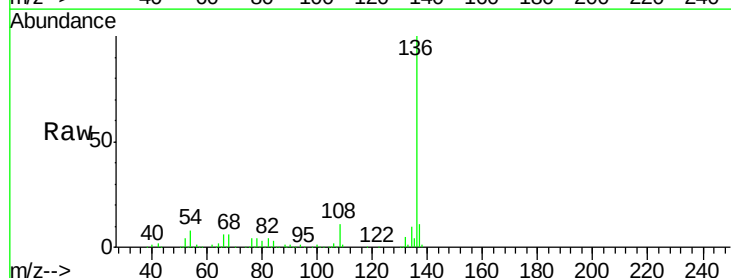
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

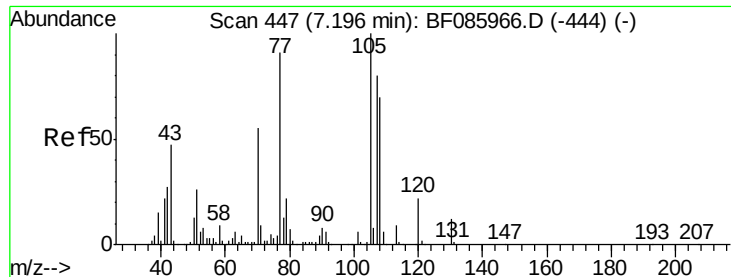
Tot Ion:107 Resp: 25532
 Ion Ratio Lower Upper
 107 100
 108 88.0 69.3 109.3
 77 66.5 101.7 141.7#
 79 27.7 8.3 48.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:136 Resp: 413952
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.1 13.7
 54 7.9 7.4 11.0
 68 6.2 5.8 8.8





#22

Acetophenone

Concen: 3.37 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:105 Resp: 32802

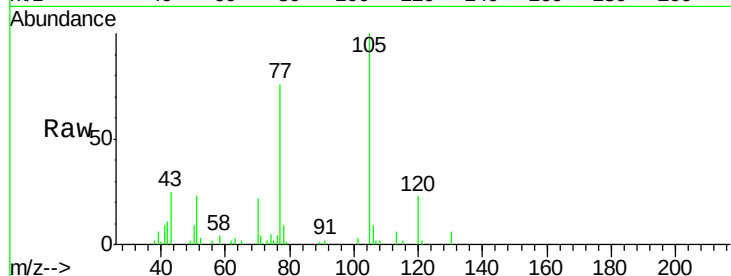
Ion Ratio Lower Upper

105 100

71 3.7 3.6 5.4

51 22.9 25.4 38.0#

120 22.8 16.9 25.3

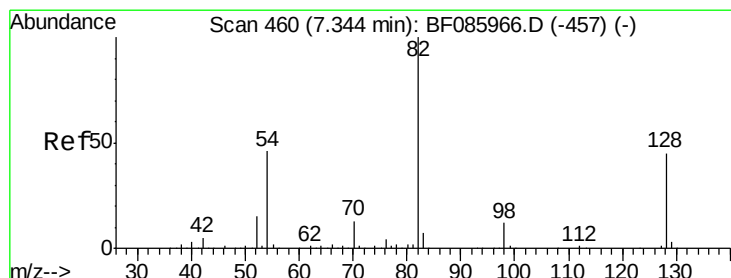
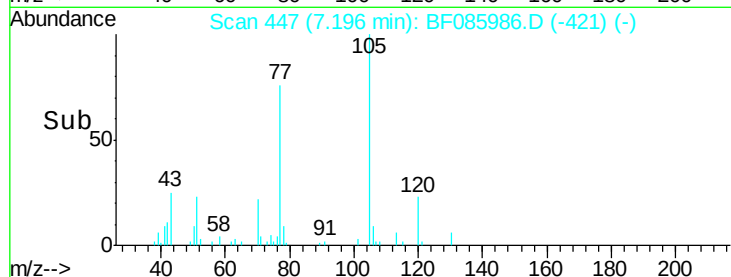
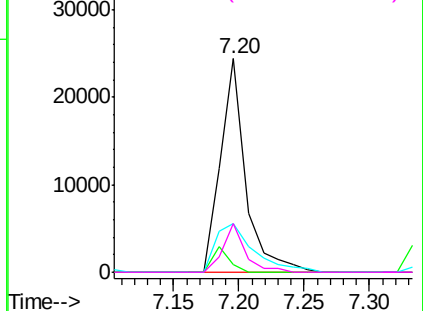


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.42 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

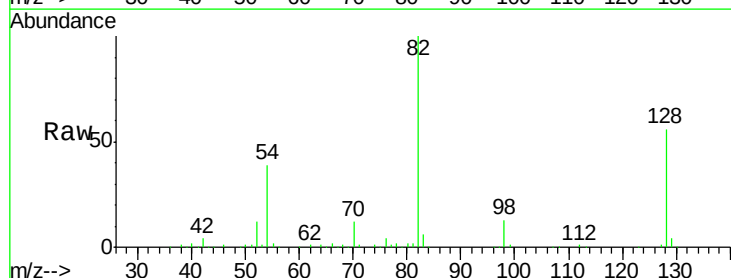
Tgt Ion: 82 Resp: 508373

Ion Ratio Lower Upper

82 100

128 55.9 41.8 62.8

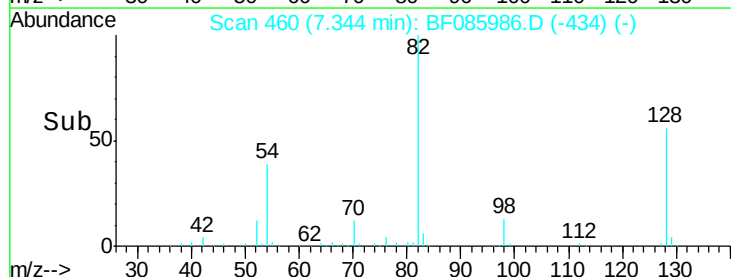
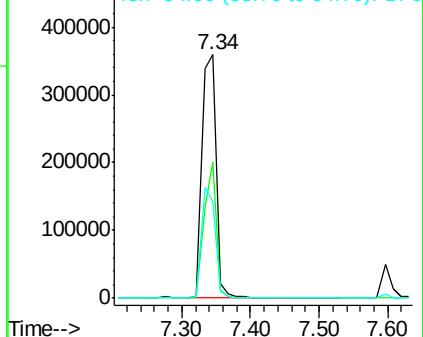
54 39.4 33.4 50.0

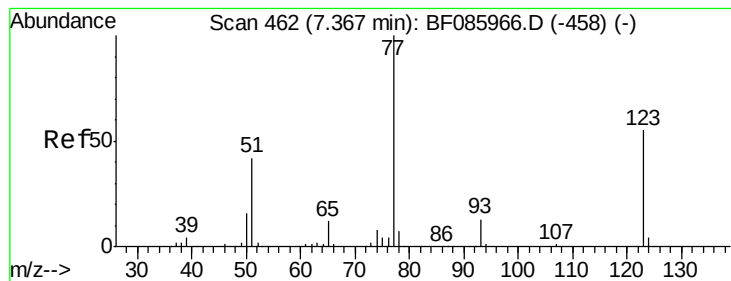


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 3.52 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

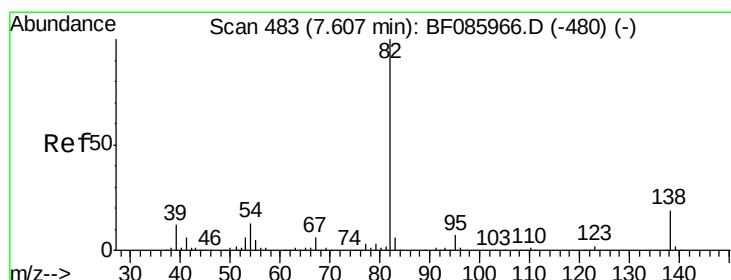
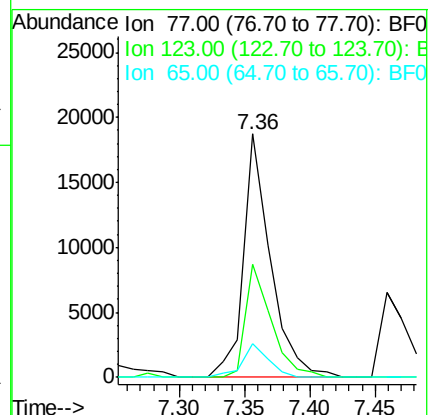
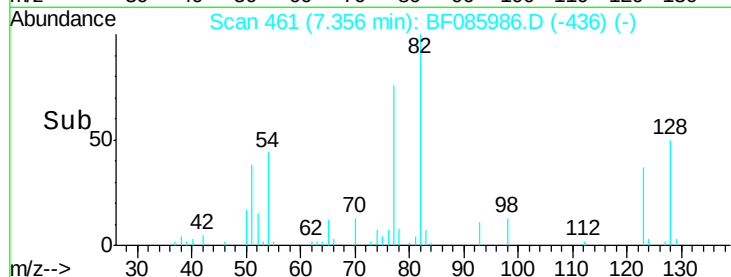
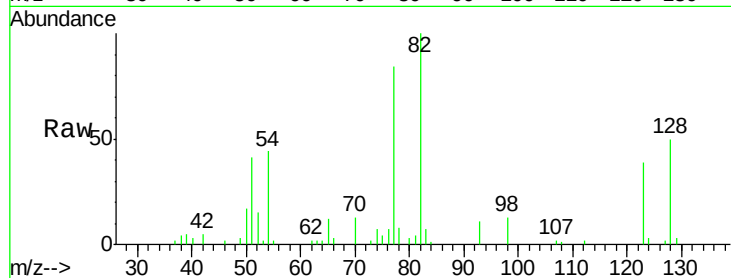
Tot Ion: 77 Resp: 27011

Ion Ratio Lower Upper

77 100

123 46.3 35.0 52.4

65 13.8 10.6 16.0



#25

Isophorone

Concen: 3.57 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

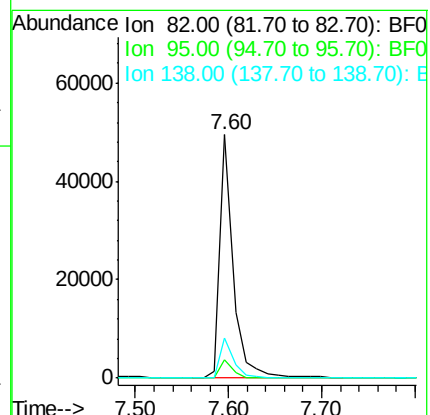
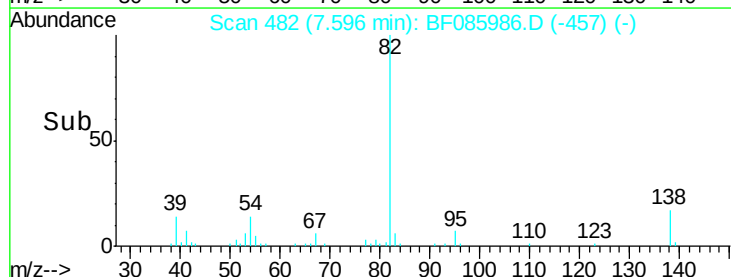
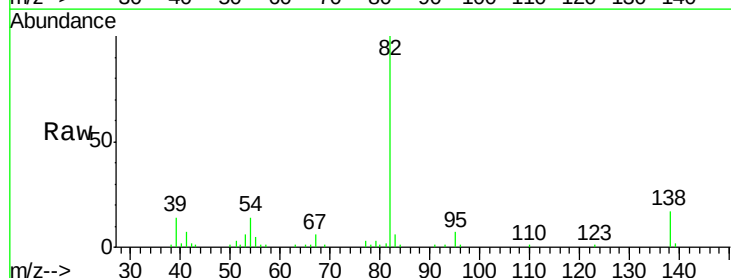
Tgt Ion: 82 Resp: 49435

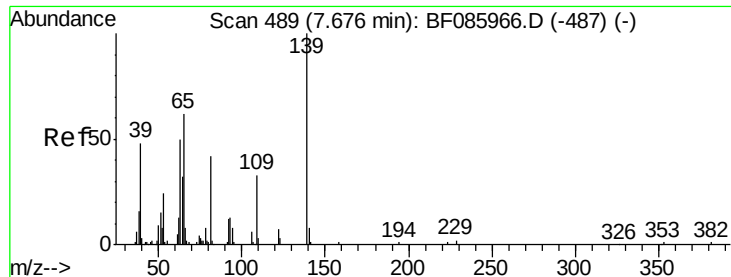
Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 16.6 12.9 19.3

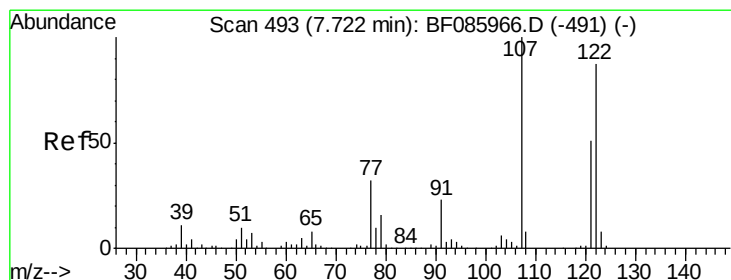
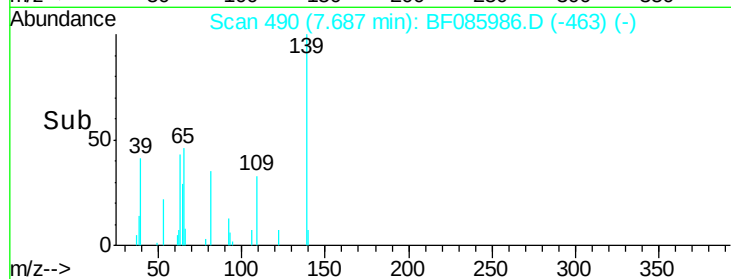
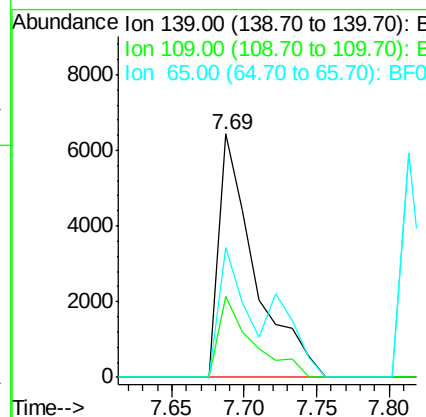
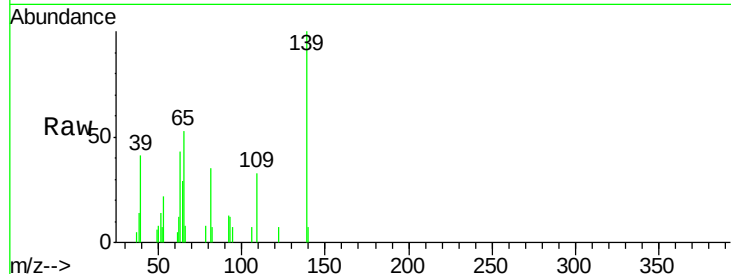




#26
2-Nitrophenol
Concen: 3.02 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

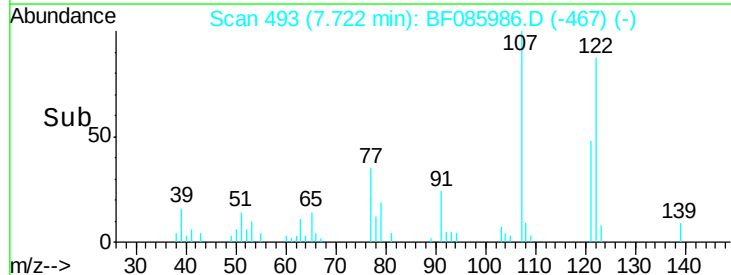
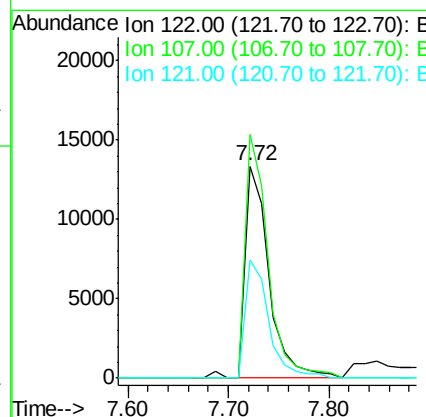
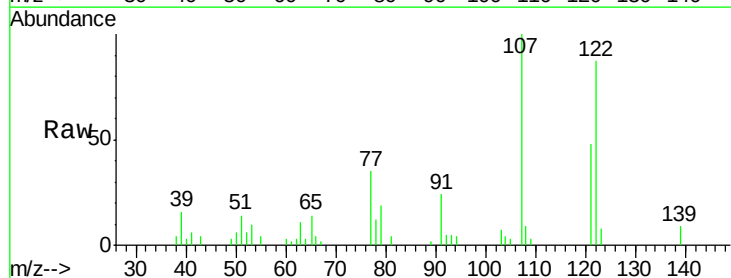
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

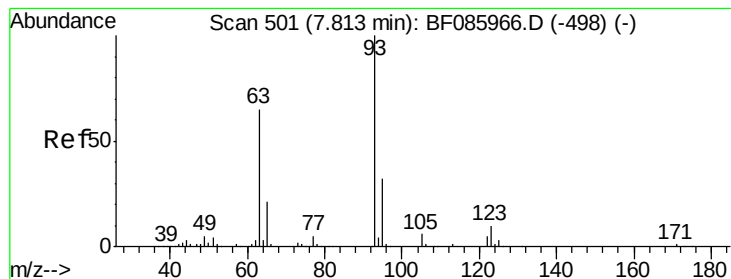
Tot Ion	Ratio	Lower	Upper
139	100		
109	33.4	22.1	33.1#
65	53.1	33.9	50.9#



#27
2,4-Dimethylphenol
Concen: 3.34 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.9	93.0	139.6
121	55.5	45.9	68.9





#28

bis(2-Chloroethoxy)methane

Concen: 3.84 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

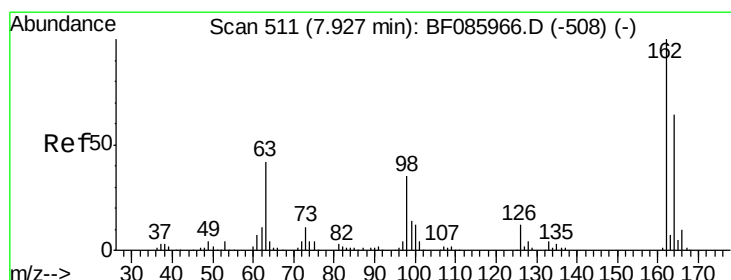
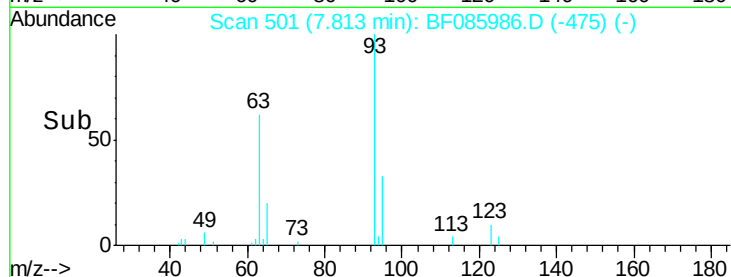
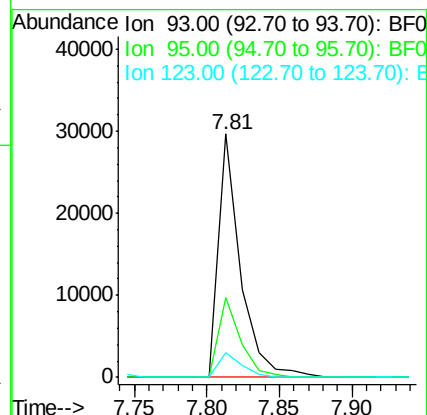
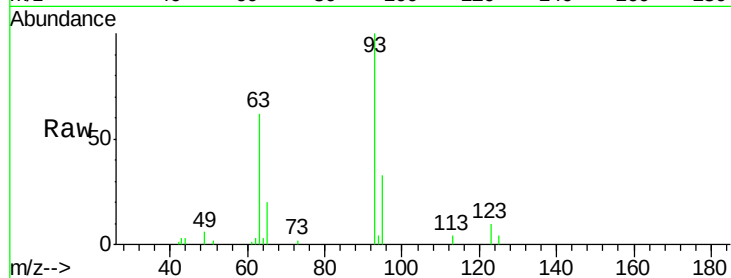
Tot Ion: 93 Resp: 31198

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 10.2 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 3.25 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

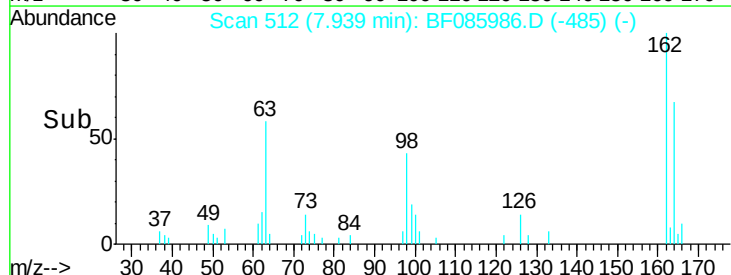
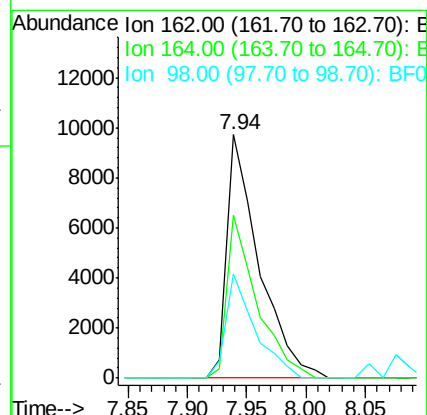
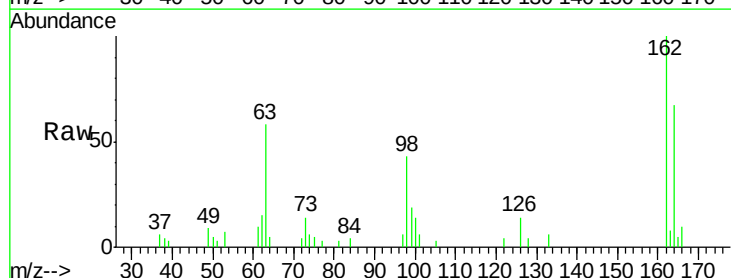
Tgt Ion: 162 Resp: 18149

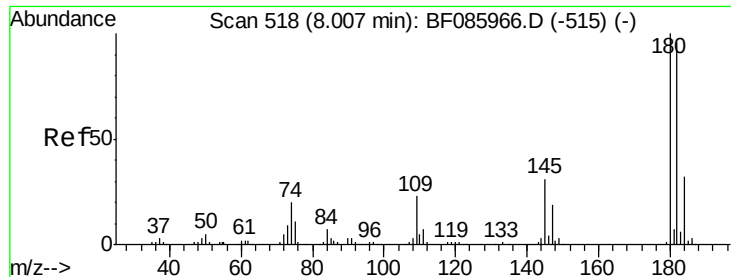
Ion Ratio Lower Upper

162 100

164 67.1 43.7 83.7

98 42.7 20.4 60.4

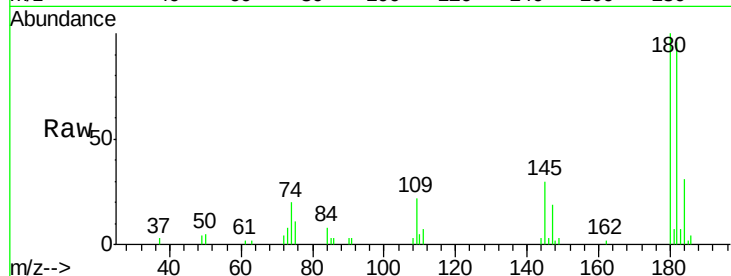




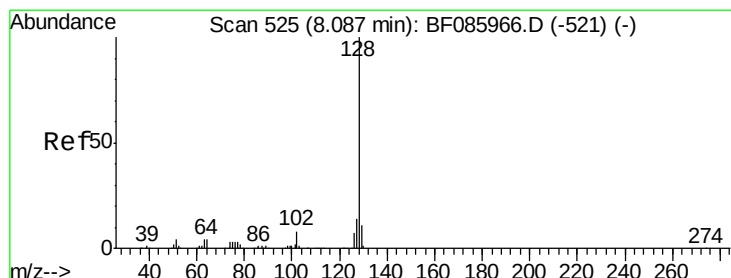
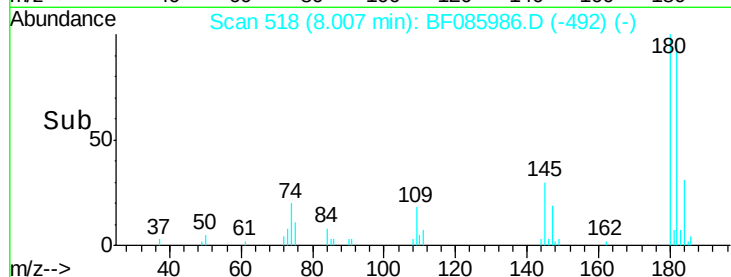
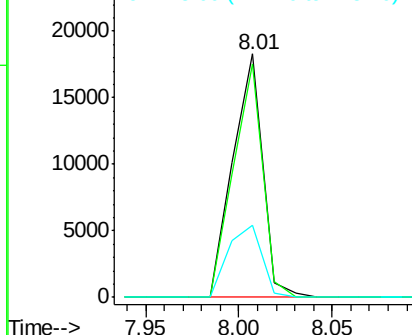
#30
 1,2,4-Trichlorobenzene
 Concen: 3.28 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:180 Resp: 20514
 Ion Ratio Lower Upper
 180 100
 182 96.0 73.8 110.8
 145 29.8 28.4 42.6

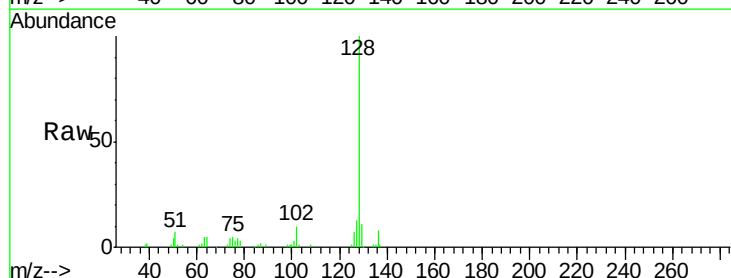


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

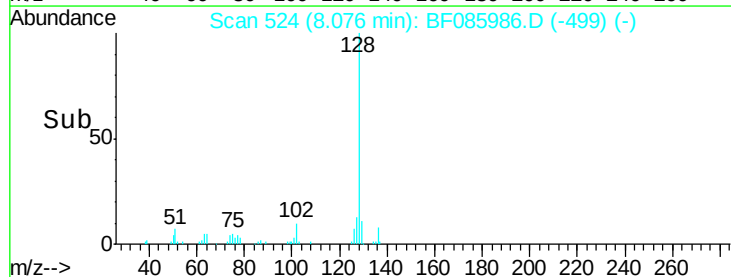
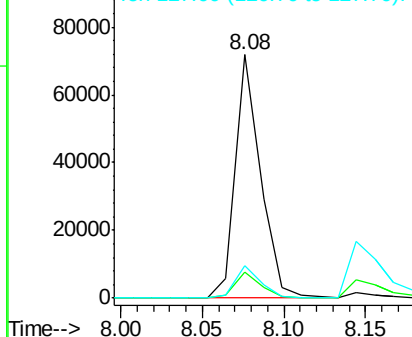


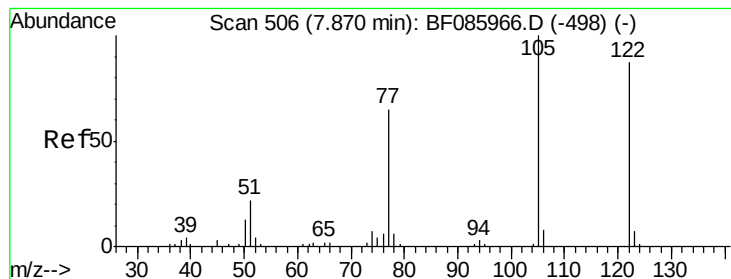
#31
 Naphthalene
 Concen: 3.67 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:128 Resp: 76313
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.4 14.0
 127 13.1 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: 1.02 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

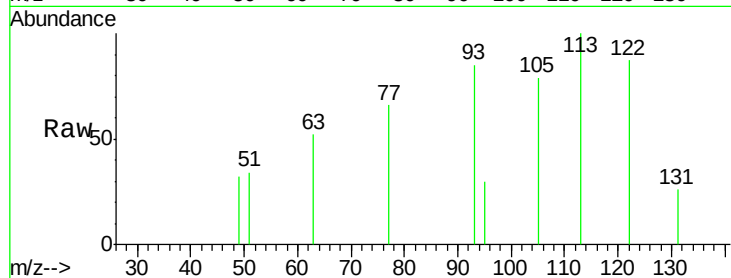
Tot Ion:122 Resp: 4943

Ion Ratio Lower Upper

122 100

105 91.0 102.9 142.9#

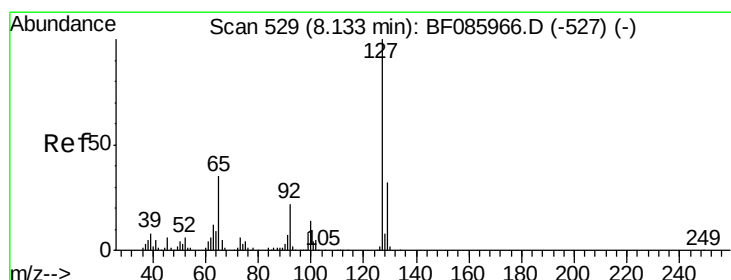
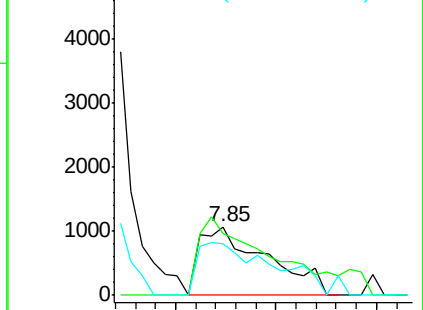
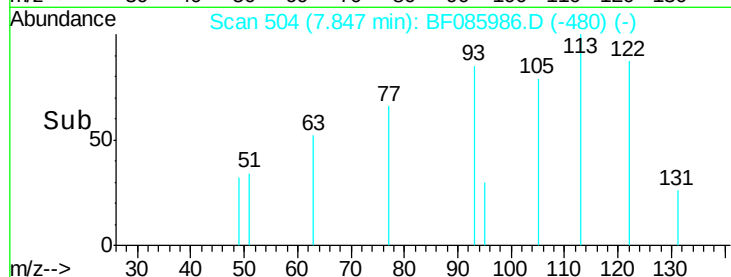
77 75.5 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 3.23 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Tgt Ion:127 Resp: 27160

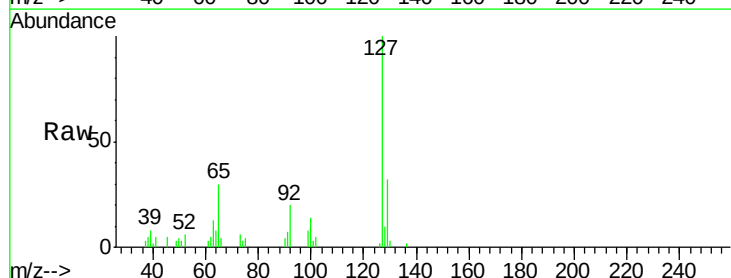
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 29.7 19.5 29.3#

92 20.4 14.6 22.0

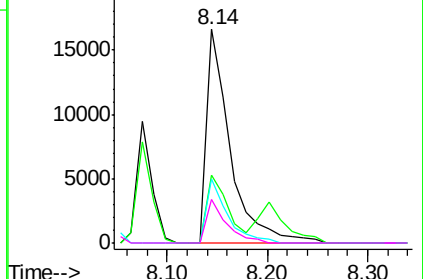
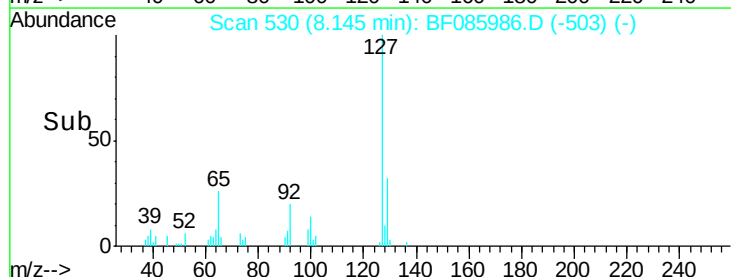


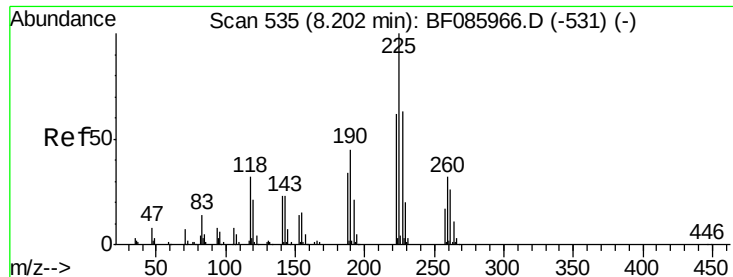
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

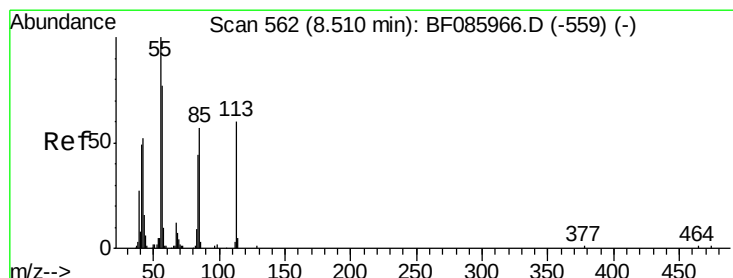
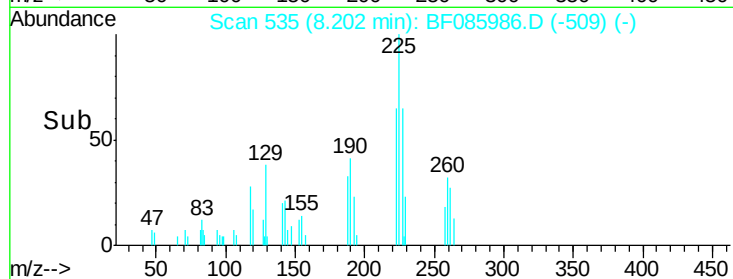
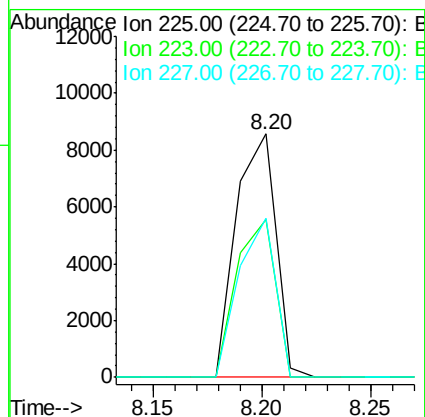
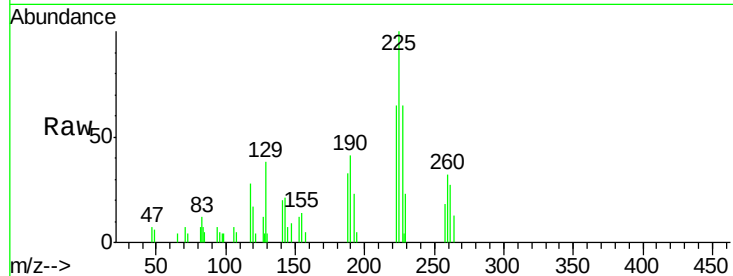




#34
Hexachlorobutadiene
Concen: 3.22 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

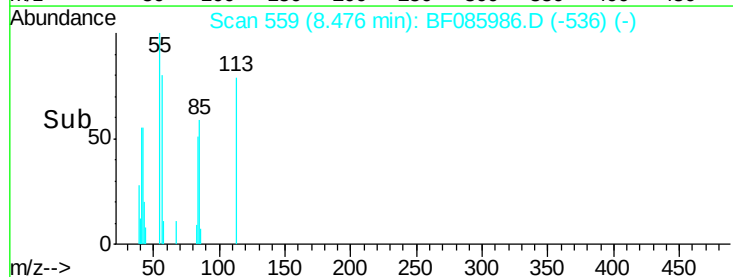
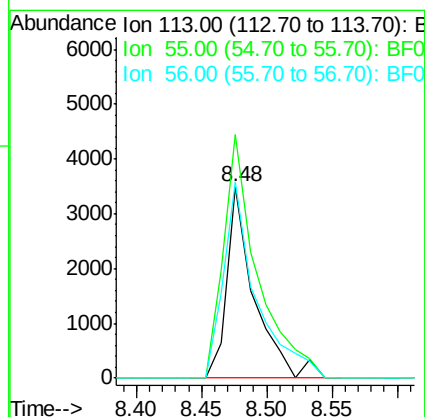
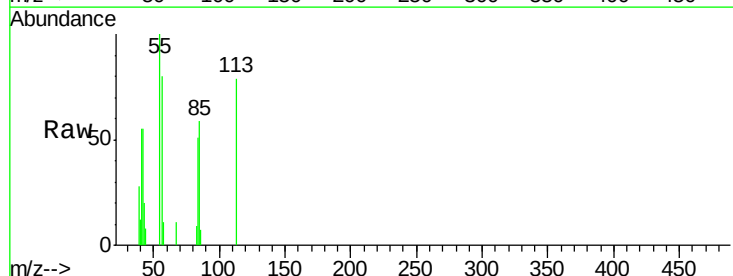
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

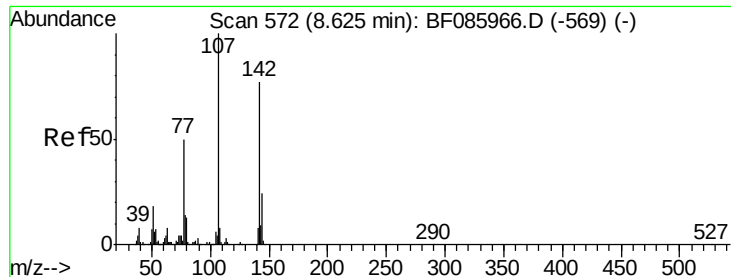
Tot Ion:225 Resp: 10842
Ion Ratio Lower Upper
225 100
223 64.9 50.4 75.6
227 65.5 51.4 77.2



#35
Caprolactam
Concen: 2.89 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:113 Resp: 5113
Ion Ratio Lower Upper
113 100
55 127.1 139.4 179.4#
56 102.3 100.4 140.4

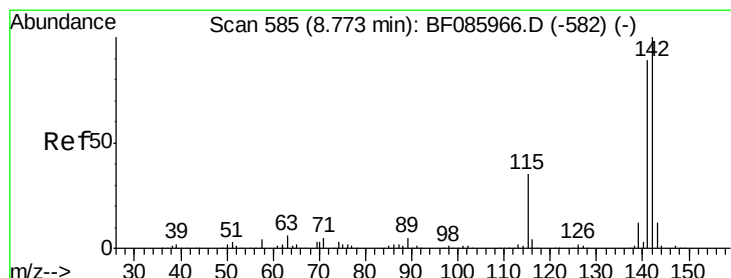
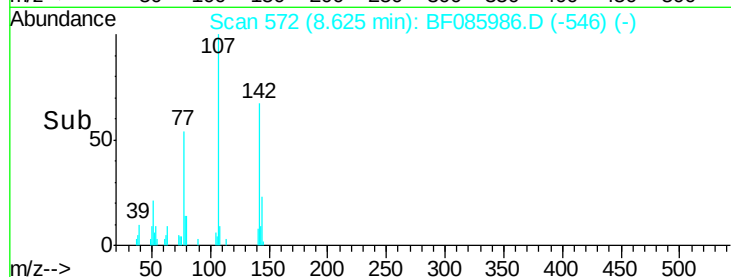
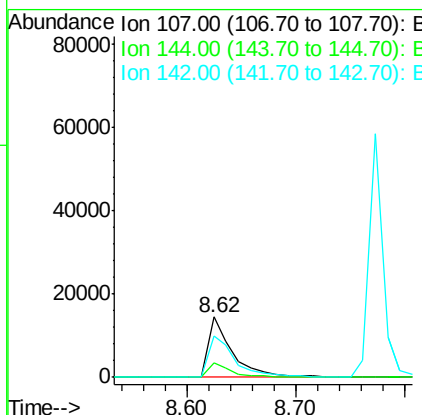
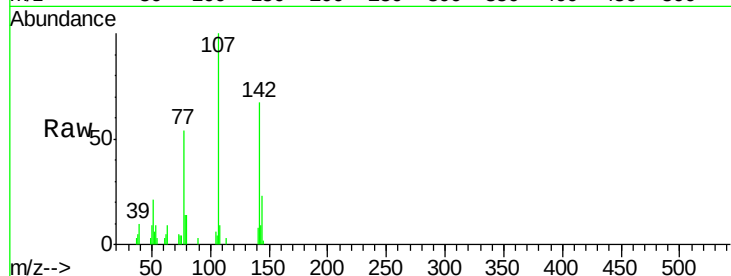




#36
 4-Chloro-3-methylphenol
 Concen: 3.53 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

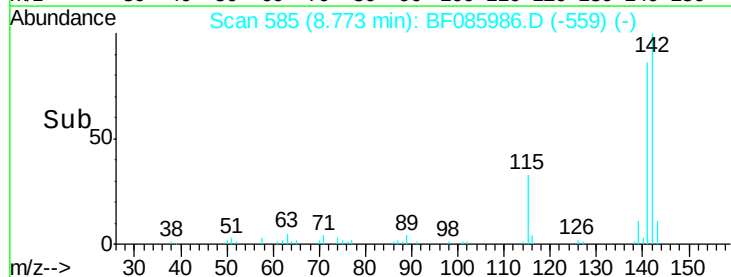
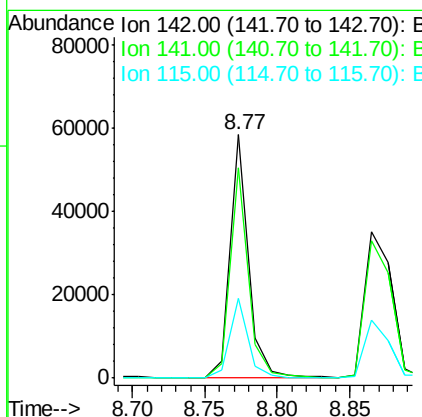
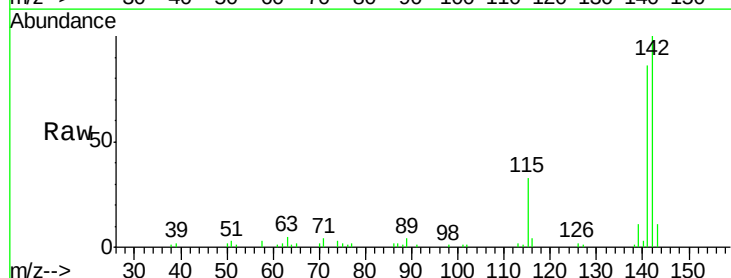
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

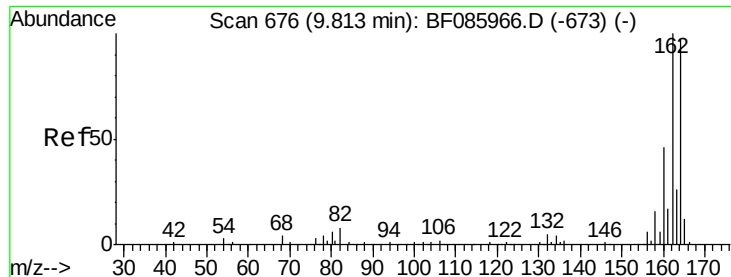
Tot Ion:107 Resp: 22141
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.3 28.9
 142 67.5 61.4 92.0



#37
 2-Methylnaphthalene
 Concen: 3.79 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:142 Resp: 51586
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.6 107.4
 115 32.5 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: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

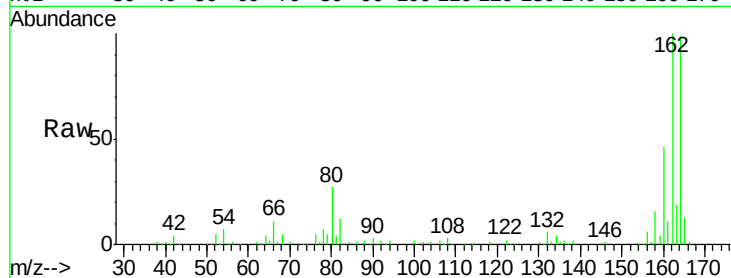
Tot Ion:164 Resp: 192066

Ion Ratio Lower Upper

164 100

162 101.4 82.1 123.1

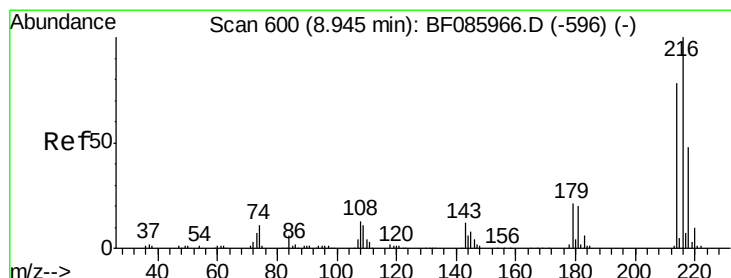
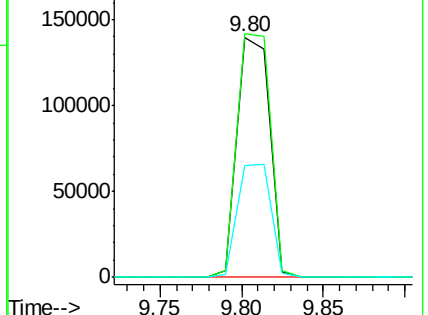
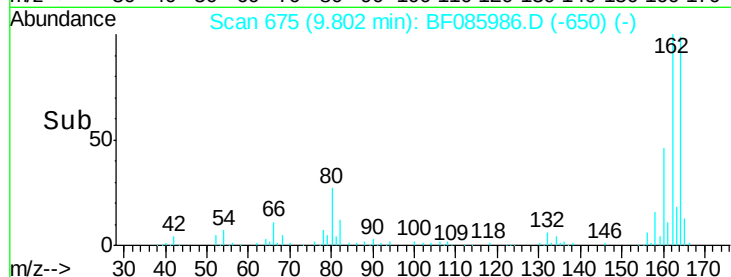
160 46.8 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.39 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Tgt Ion:216 Resp: 19550

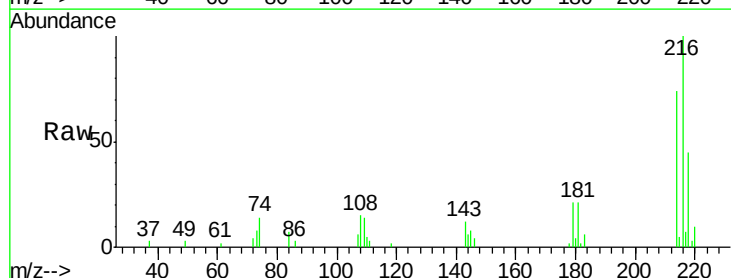
Ion Ratio Lower Upper

216 100

214 76.3 63.1 94.7

179 23.5 18.2 27.2

108 20.9 17.3 25.9

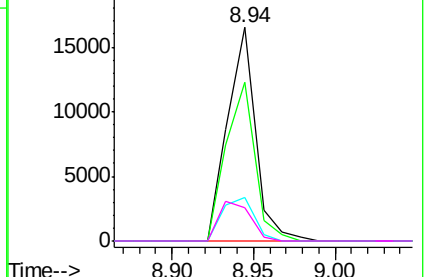
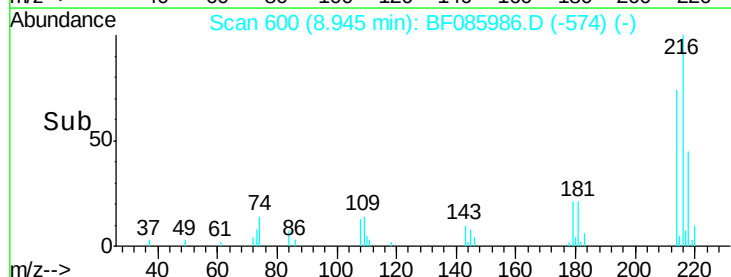


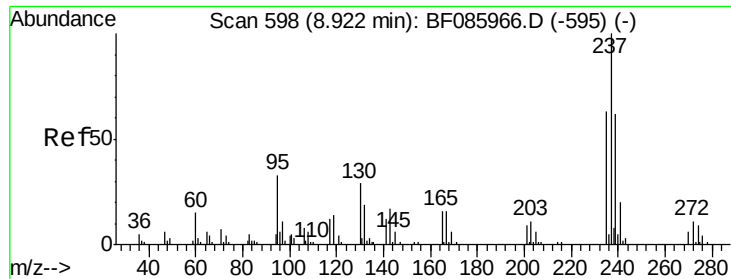
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

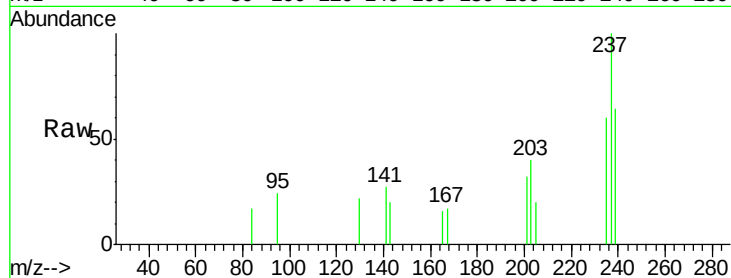




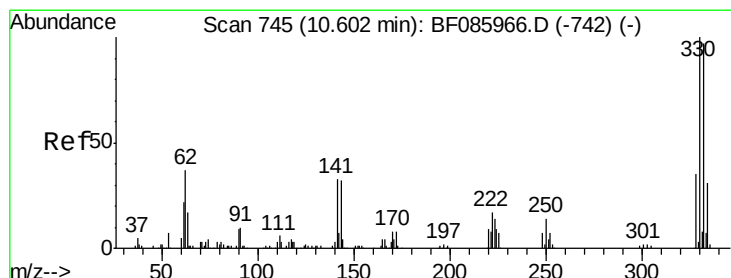
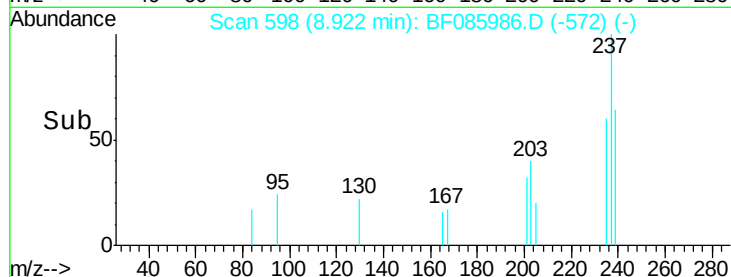
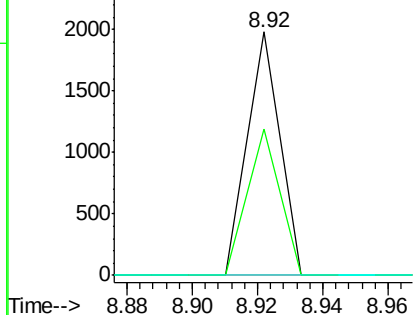
#40
Hexachlorocyclopentadiene
Concen: 6.26 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:237 Resp: 1357
Ion Ratio Lower Upper
237 100
235 60.3 43.7 83.7
272 0.0 0.0 31.9

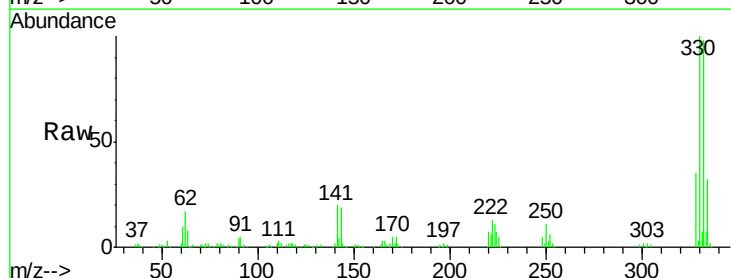


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

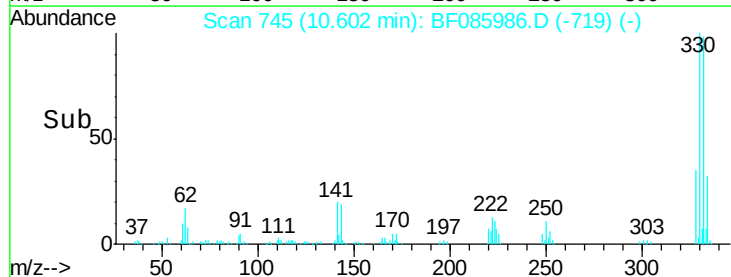
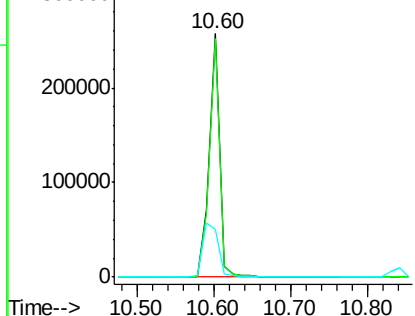


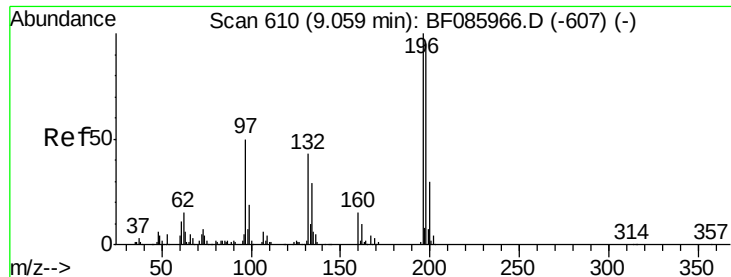
#41
2,4,6-Tribromophenol
Concen: 133.08 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:330 Resp: 239903
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 33.4 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: 3.21 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

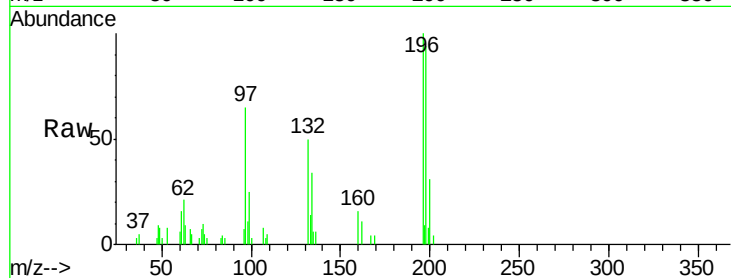
Tot Ion:196 Resp: 11909

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

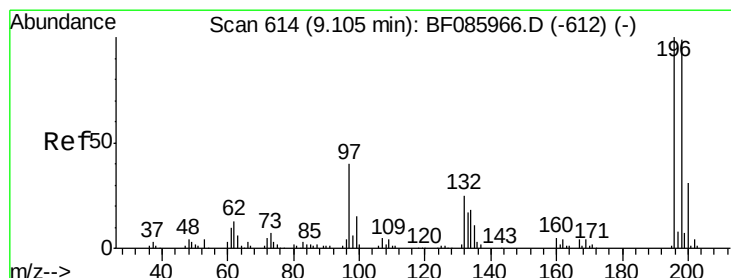
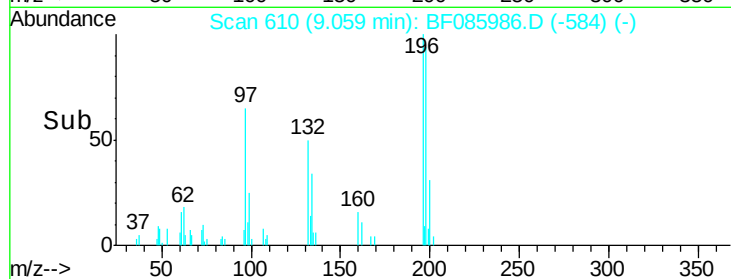
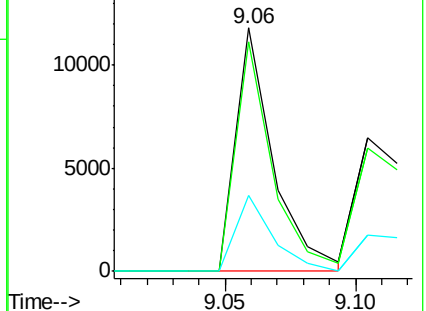
200 31.0 23.7 35.5



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: 3.46 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Tgt Ion:196 Resp: 13023

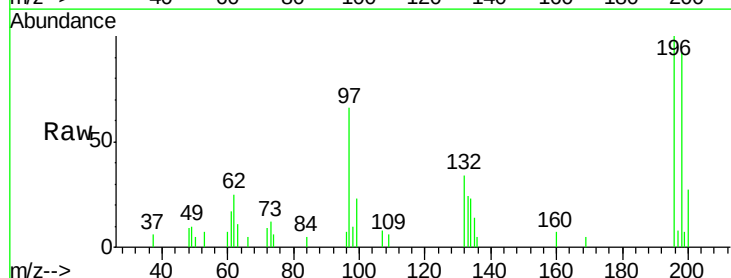
Ion Ratio Lower Upper

196 100

198 91.9 76.6 114.8

97 65.8 30.5 45.7#

132 33.6 20.2 30.2#

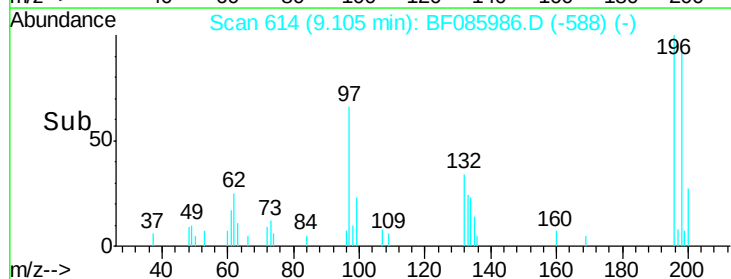
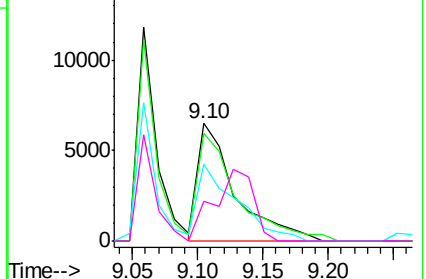


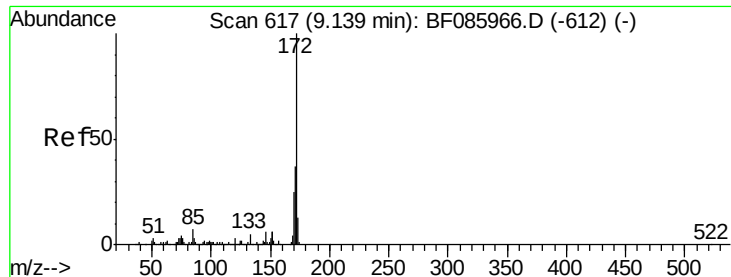
Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.72 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

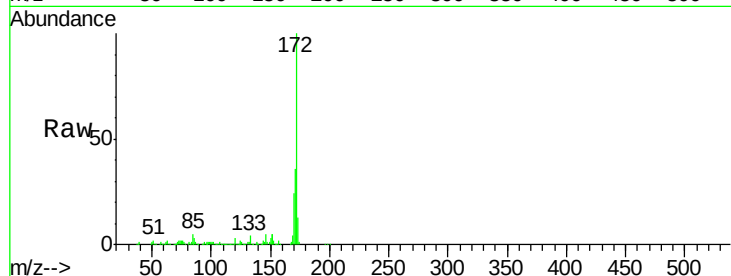
Tot Ion:172 Resp: 932486

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

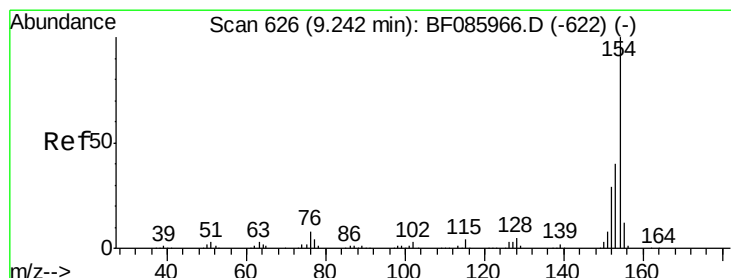
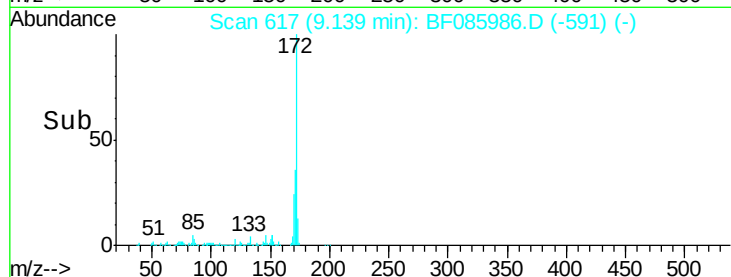
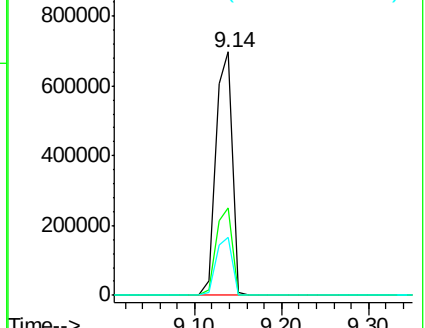
170 24.1 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 3.70 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

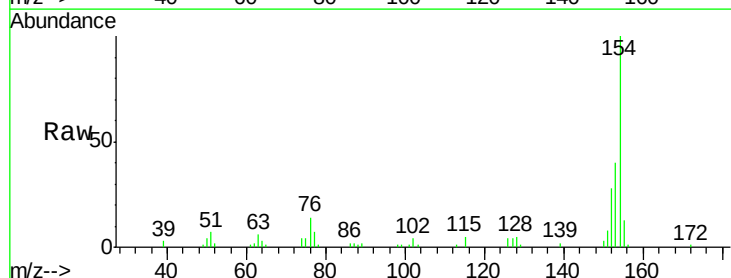
Tgt Ion:154 Resp: 61221

Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

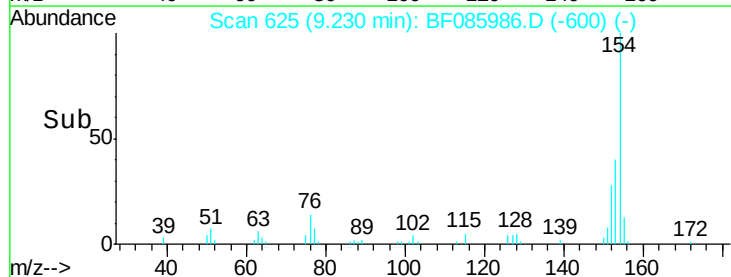
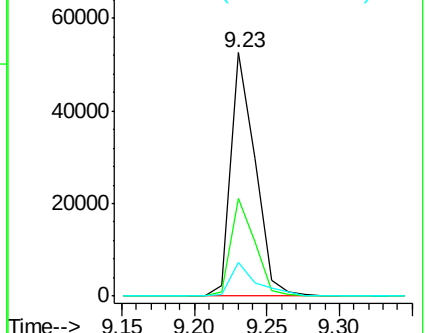
76 13.8 0.0 36.7

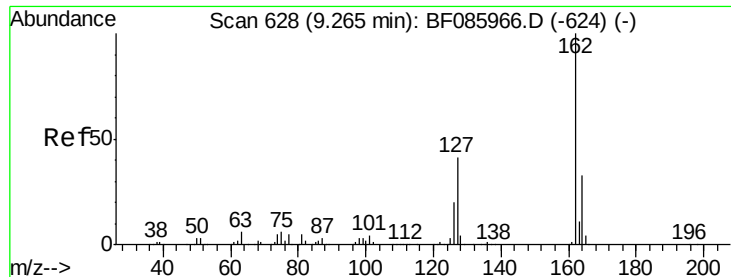


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

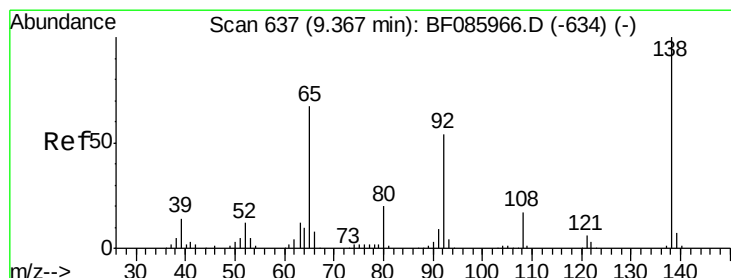
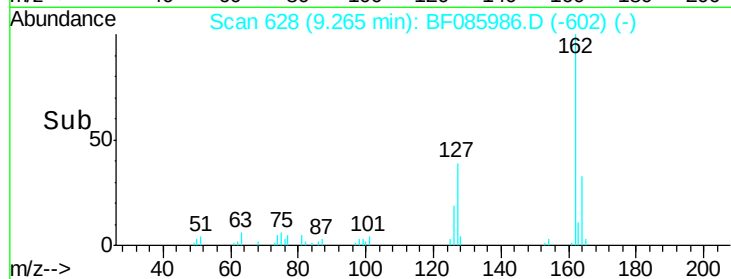
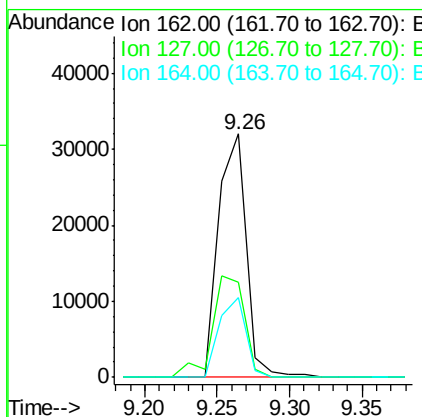
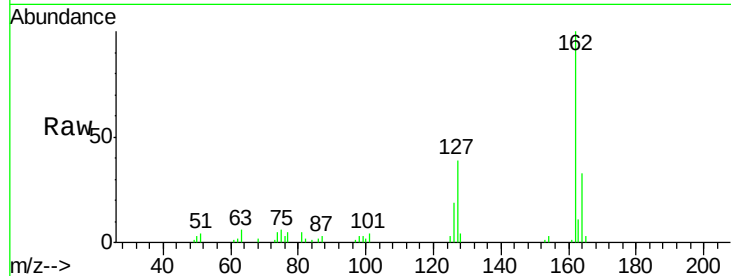




#46
 2-Chloronaphthalene
 Concen: 3.53 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

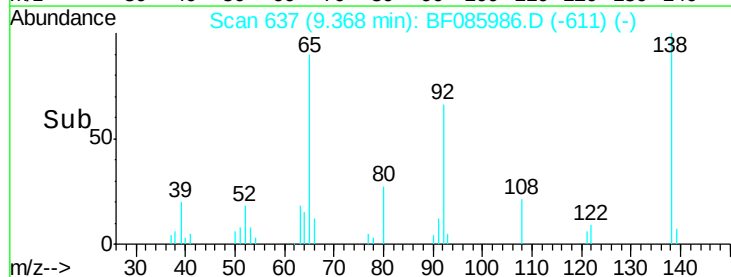
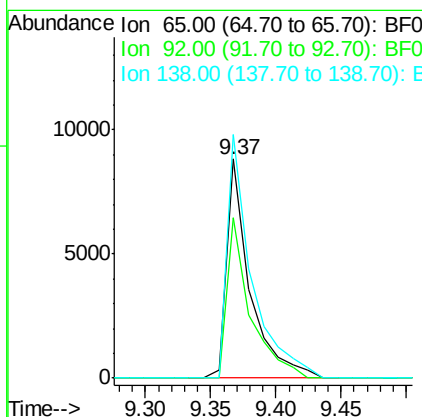
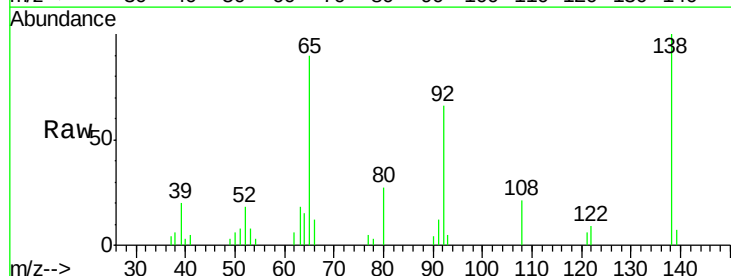
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

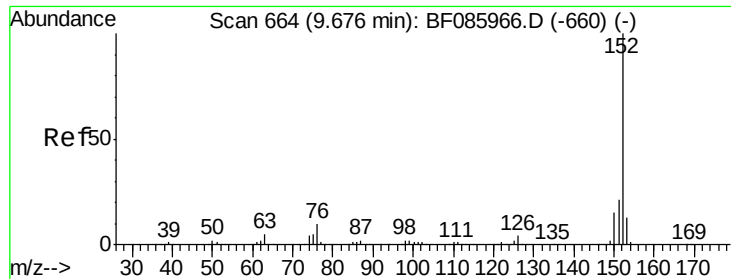
Tot Ion:162 Resp: 42384
 Ion Ratio Lower Upper
 162 100
 127 39.1 31.7 47.5
 164 32.6 27.3 40.9



#47
 2-Nitroaniline
 Concen: 3.14 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion: 65 Resp: 11017
 Ion Ratio Lower Upper
 65 100
 92 73.3 59.7 89.5
 138 111.1 91.4 137.0





#48

Acenaphthylene

Concen: 3.72 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

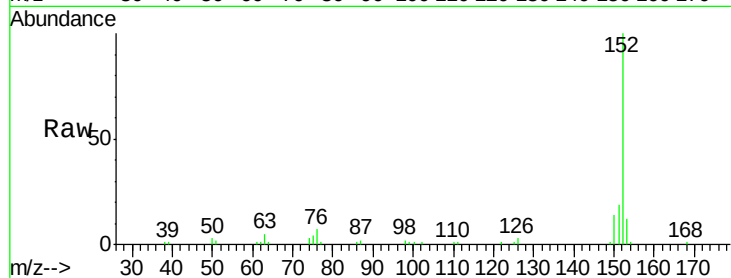
Tot Ion:152 Resp: 71591

Ion Ratio Lower Upper

152 100

151 18.7 16.8 25.2

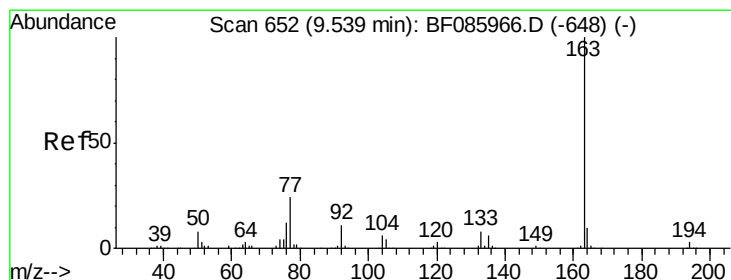
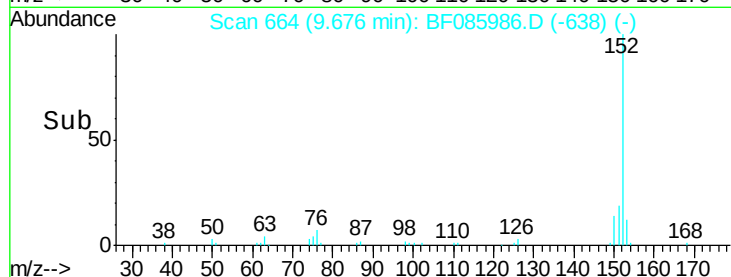
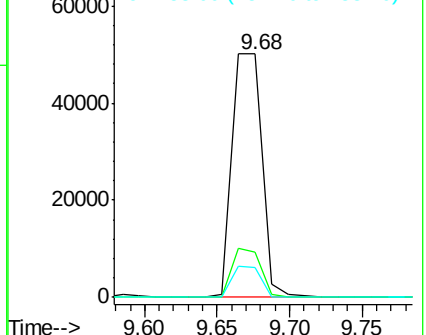
153 12.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.54 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

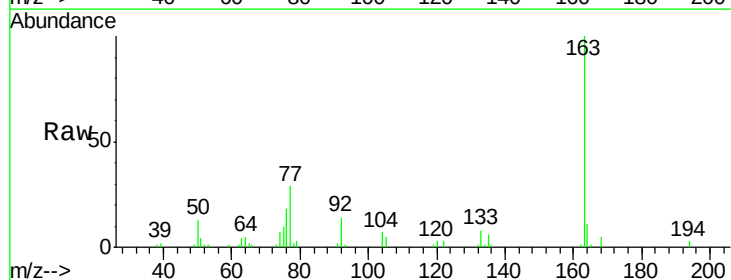
Tgt Ion:163 Resp: 50374

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

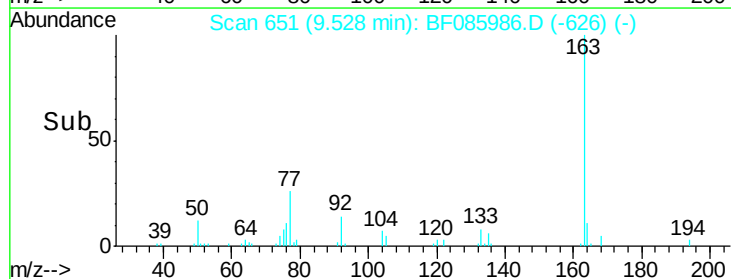
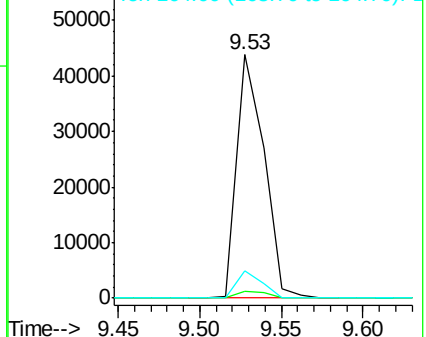
164 11.3 8.3 12.5

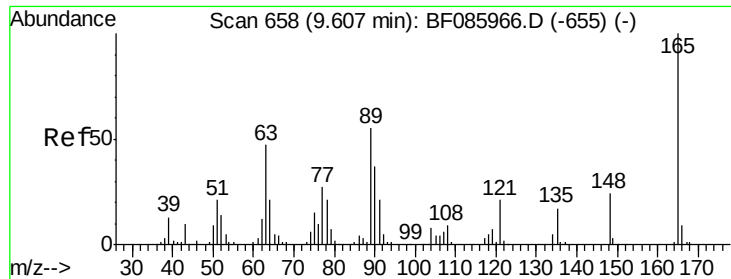


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

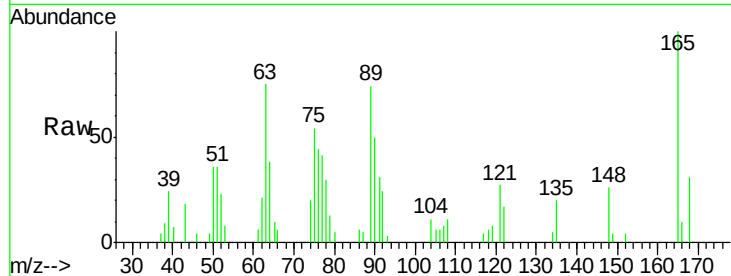




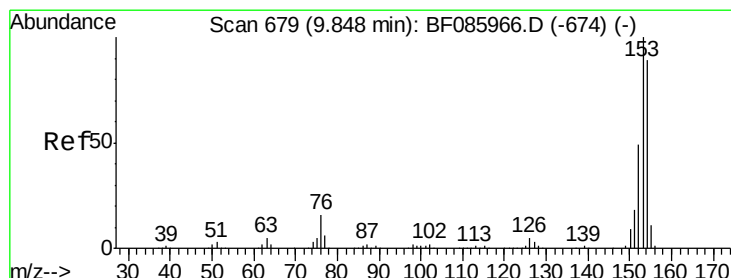
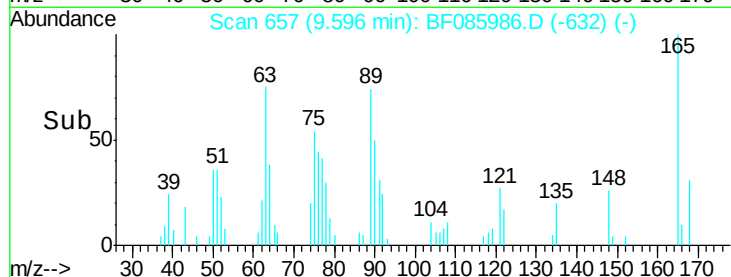
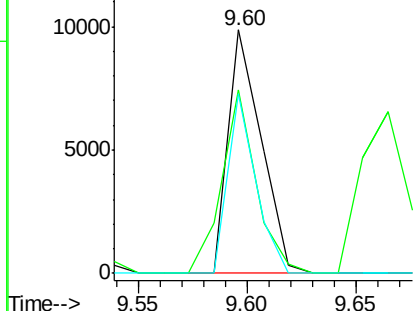
#50
 2,6-Dinitrotoluene
 Concen: 3.45 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:165 Resp: 10384
 Ion Ratio Lower Upper
 165 100
 63 75.4 51.8 77.8
 89 73.8 53.7 80.5

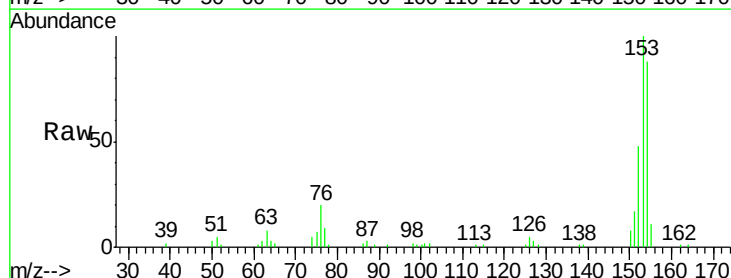


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

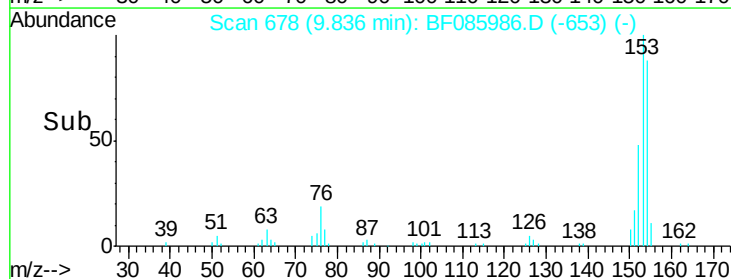
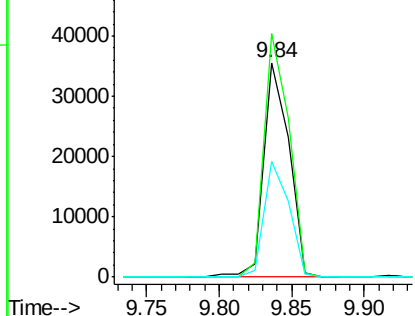


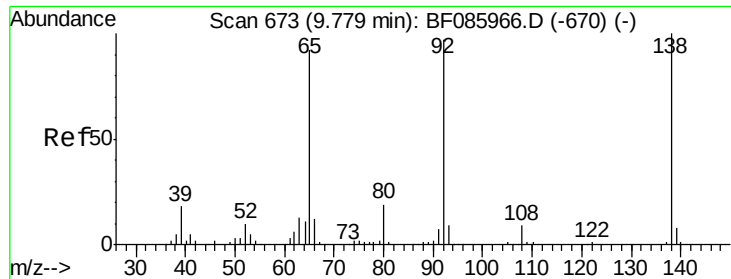
#51
 Acenaphthene
 Concen: 3.75 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:154 Resp: 42941
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.1 135.1
 152 54.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

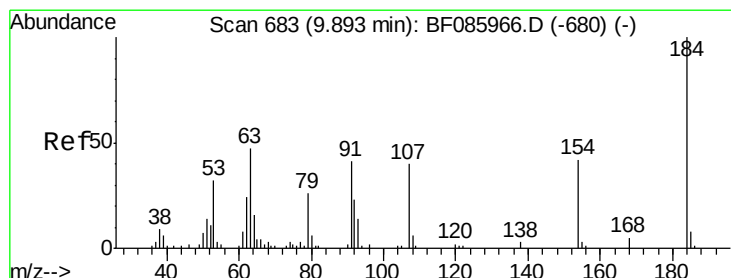
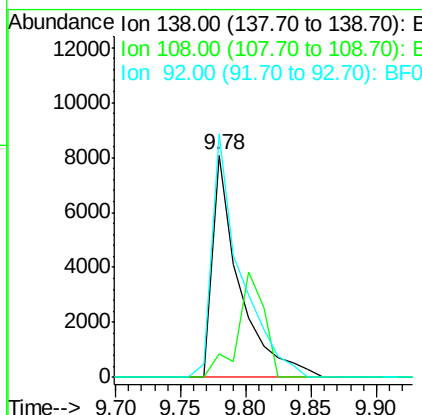
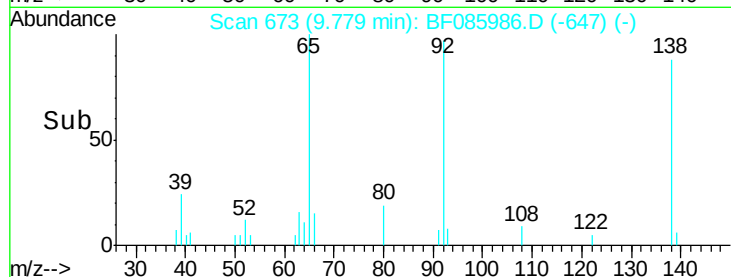
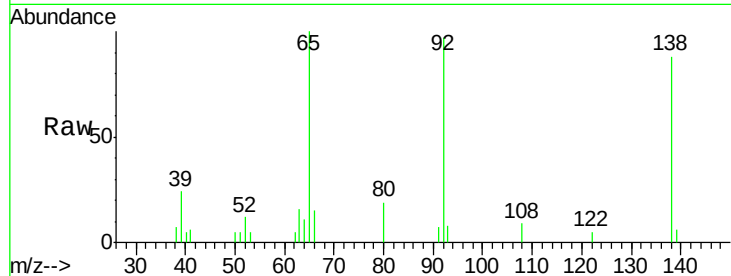




#52
 3-Nitroaniline
 Concen: 3.21 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

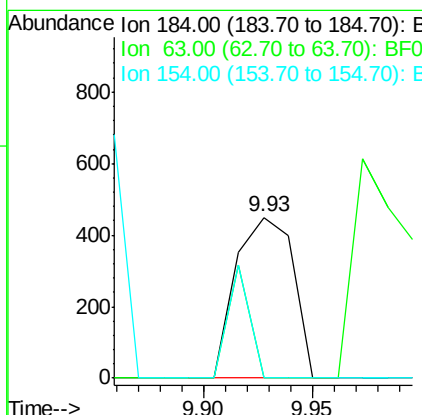
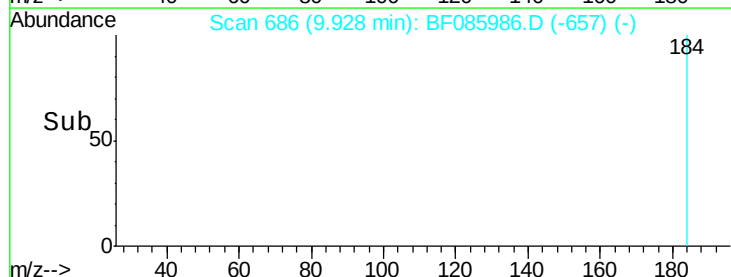
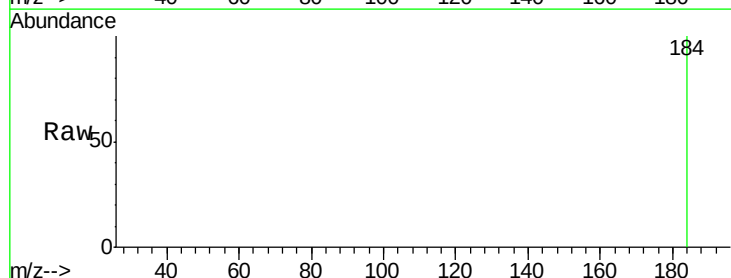
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

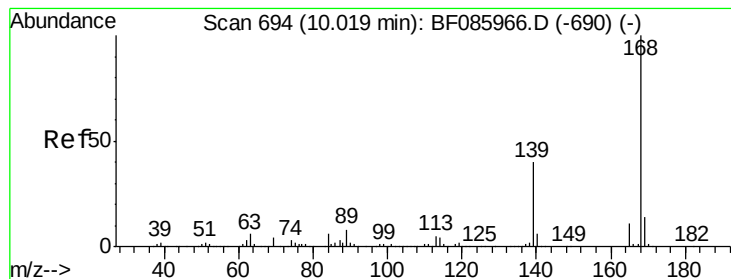
Tot Ion:138 Resp: 11659
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.7 13.1
 92 109.7 93.3 139.9



#53
 2,4-Dinitrophenol
 Concen: 2.70 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.03 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:184 Resp: 823
 Ion Ratio Lower Upper
 184 100
 63 0.0 69.5 104.3#
 154 0.0 58.3 87.5#





#54

Dibenzofuran

Concen: 4.24 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

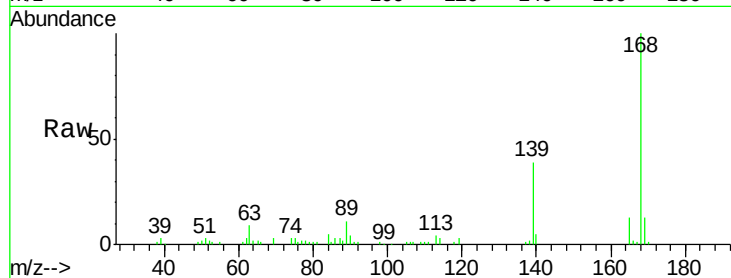
Tot Ion:168 Resp: 64094

Ion Ratio Lower Upper

168 100

139 39.3 31.9 47.9

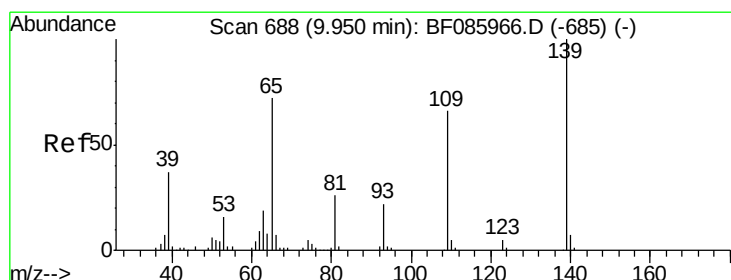
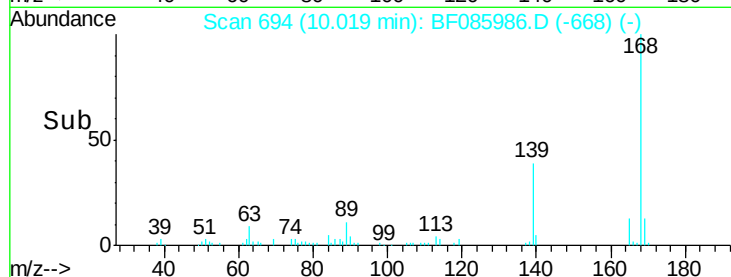
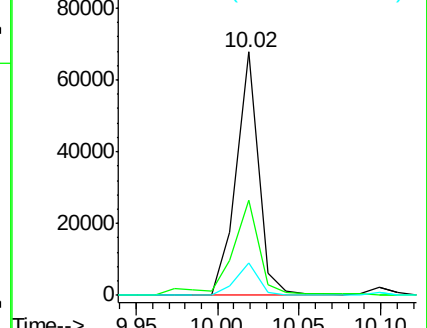
169 13.3 11.0 16.6



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: 14.87 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

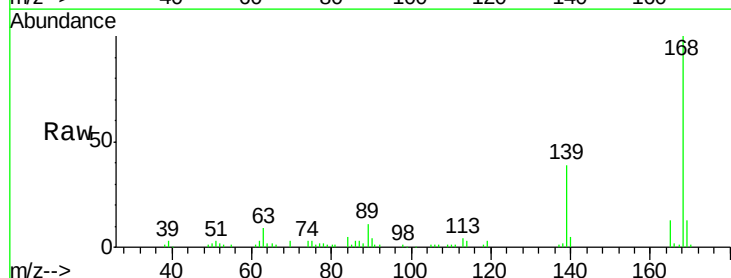
Tgt Ion:139 Resp: 31816

Ion Ratio Lower Upper

139 100

109 2.9 49.2 89.2#

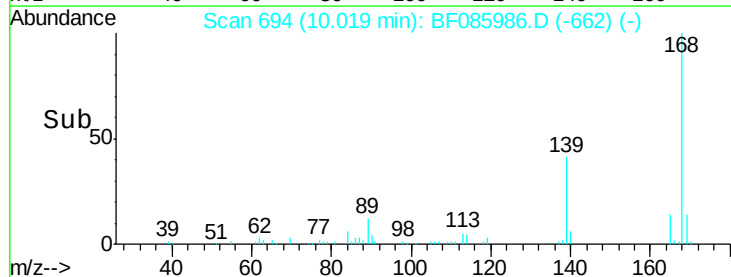
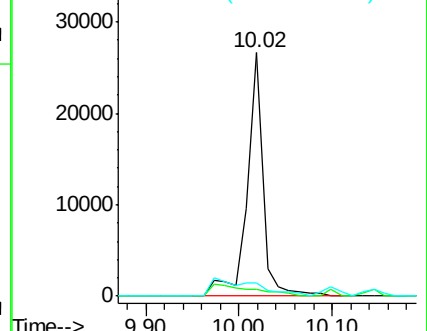
65 5.5 66.9 106.9#

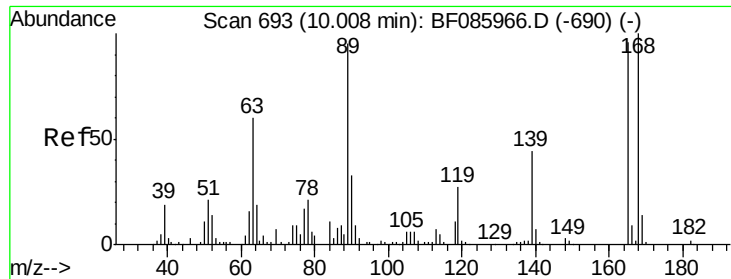


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 3.10 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:165 Resp: 11782

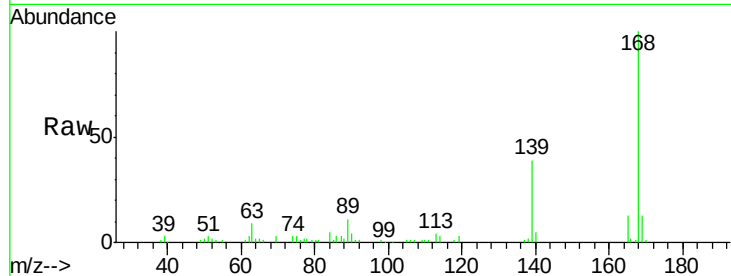
Ion Ratio Lower Upper

165 100

63 66.8 24.9 37.3#

89 84.2 41.0 61.6#

182 0.0 2.1 3.1#

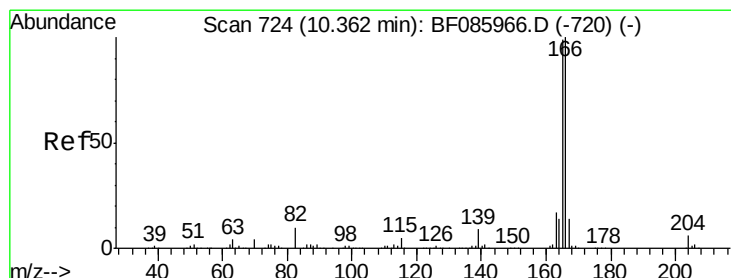
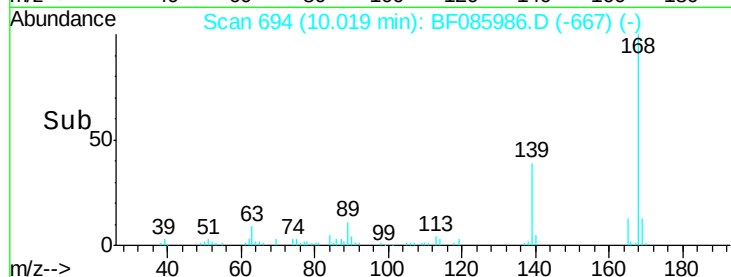
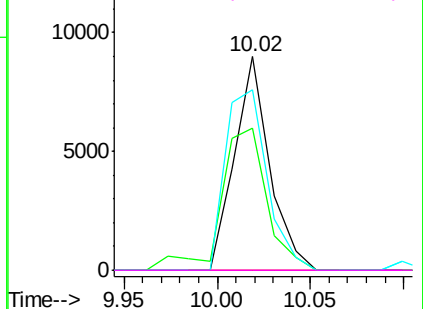


Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.91 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

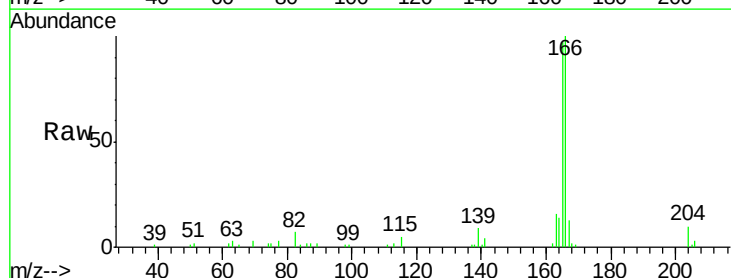
Tgt Ion:166 Resp: 50493

Ion Ratio Lower Upper

166 100

165 97.0 79.4 119.0

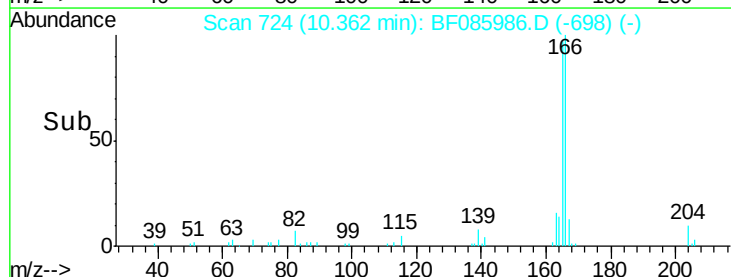
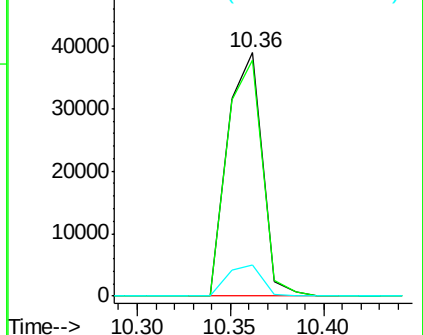
167 12.6 11.0 16.4

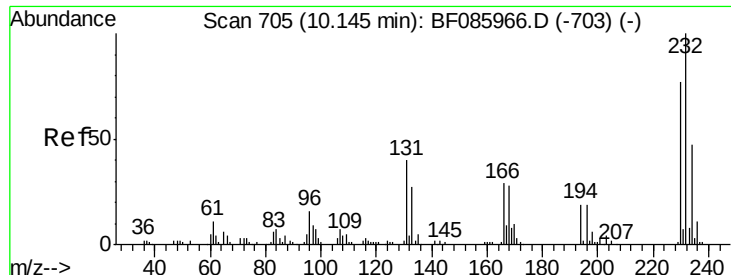


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

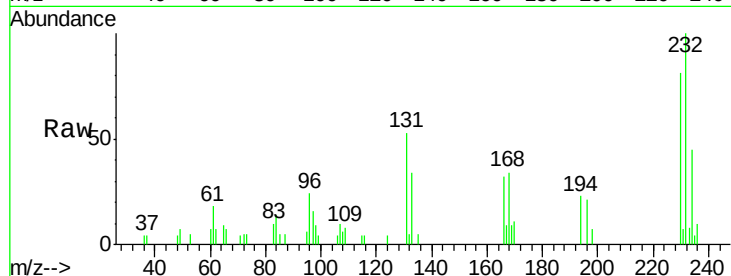




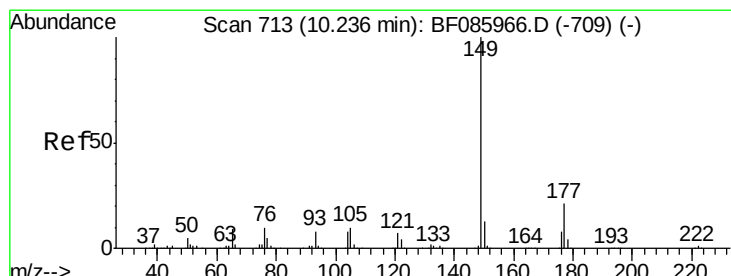
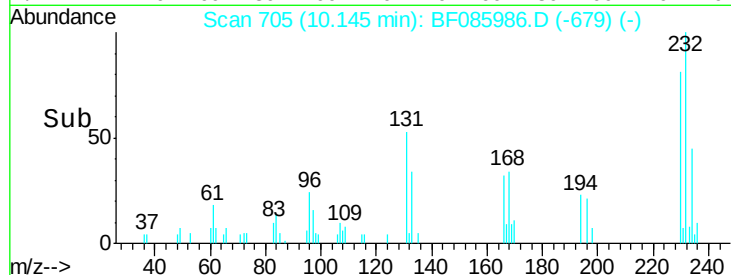
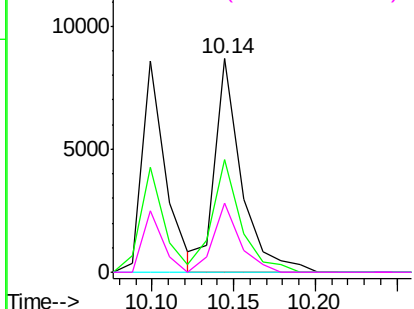
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.51 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:232 Resp: 9830
 Ion Ratio Lower Upper
 232 100
 131 56.9 44.9 67.3
 130 0.0 2.3 3.5#
 166 32.1 28.1 42.1

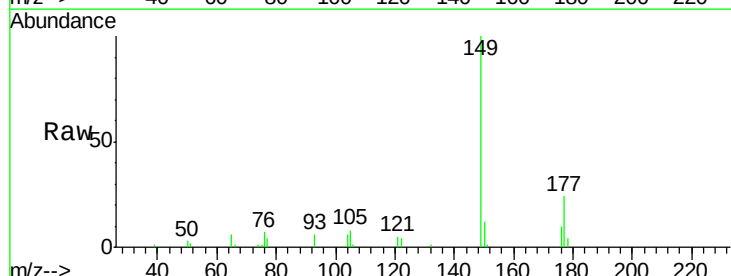


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

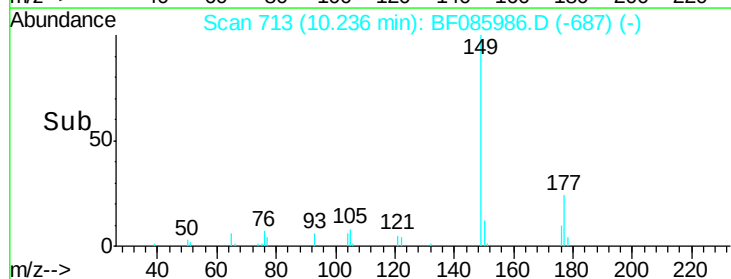
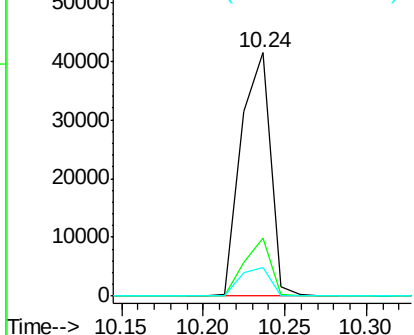


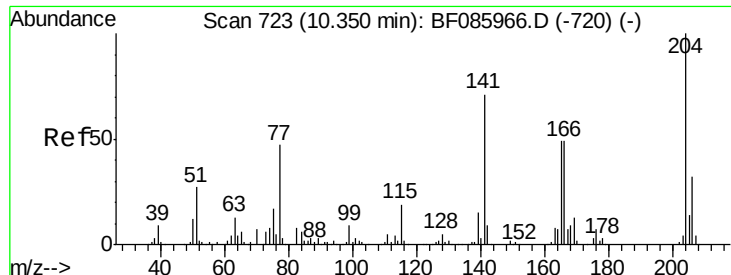
#59
 Diethylphthalate
 Concen: 3.59 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:149 Resp: 51535
 Ion Ratio Lower Upper
 149 100
 177 23.9 17.9 26.9
 150 12.0 10.2 15.2



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

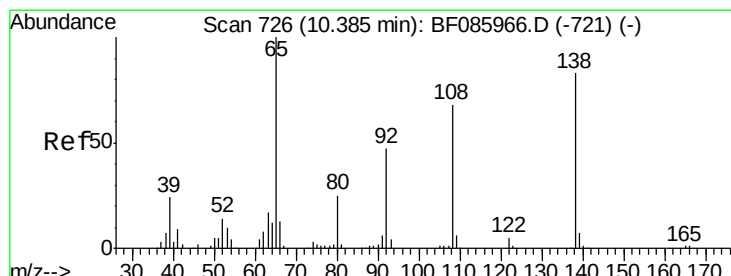
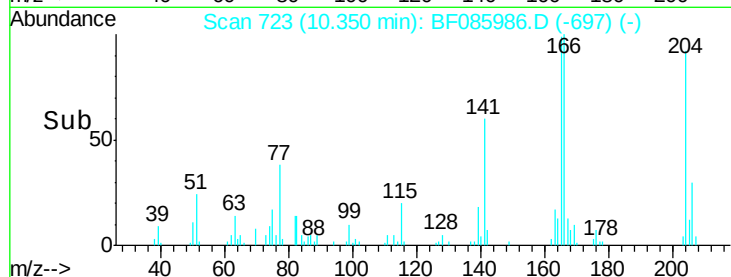
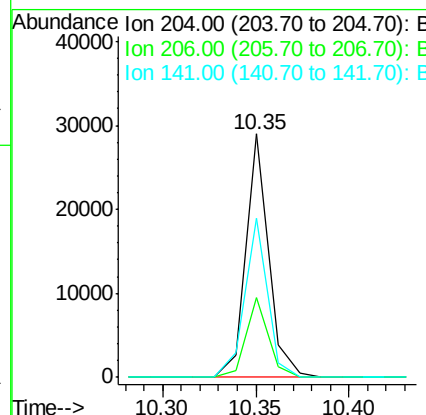
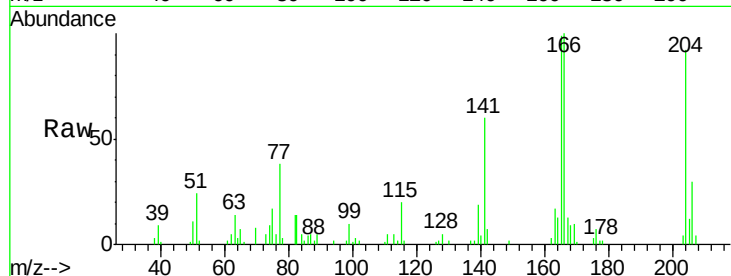




#60
4-Chlorophenyl-phenylether
Concen: 4.11 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

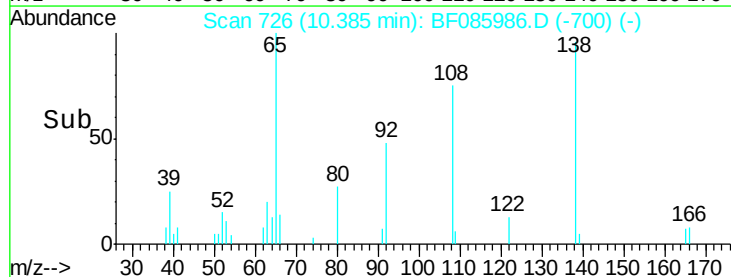
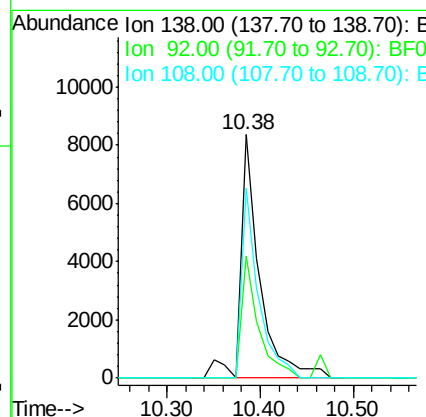
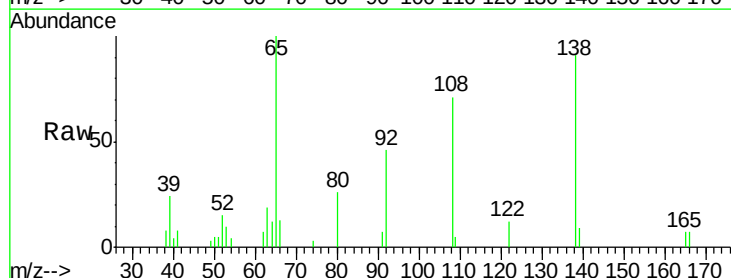
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

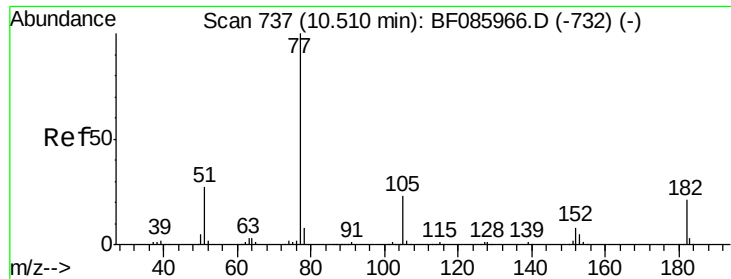
Tot Ion:204 Resp: 24718
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 65.5 57.4 86.0



#61
4-Nitroaniline
Concen: 3.35 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:138 Resp: 11975
Ion Ratio Lower Upper
138 100
92 50.4 26.4 66.4
108 77.9 49.0 89.0





#62

Azobenzene

Concen: 3.77 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 77 Resp: 51936

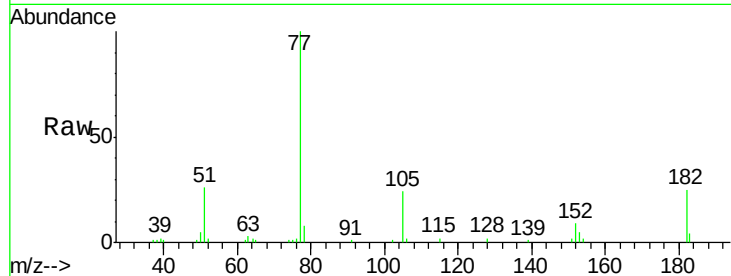
Ion Ratio Lower Upper

77 100

182 24.9 1.9 41.9

105 24.4 3.5 43.5

51 26.1 6.3 46.3

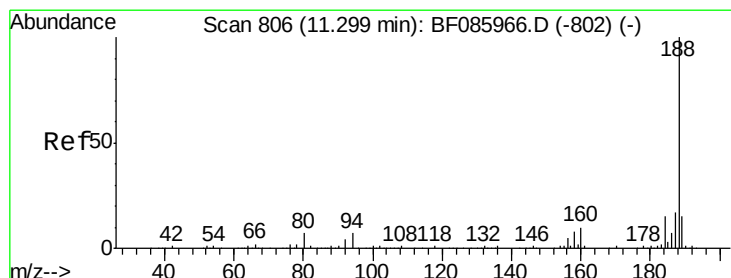
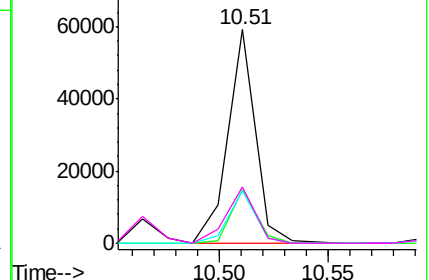
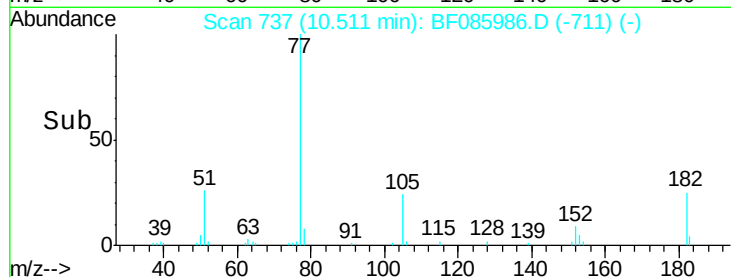


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

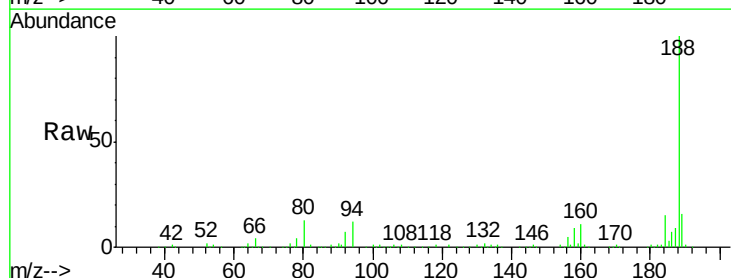
Tgt Ion: 188 Resp: 385876

Ion Ratio Lower Upper

188 100

94 12.1 5.4 8.0#

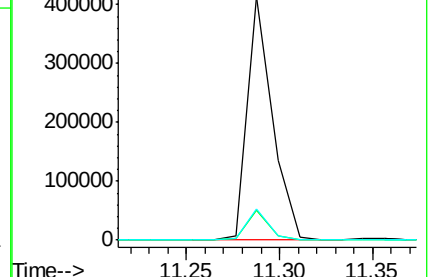
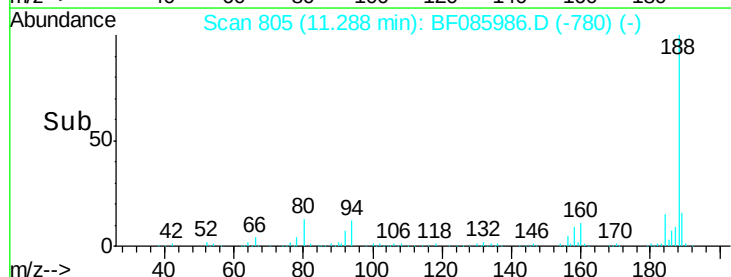
80 12.7 5.5 8.3#

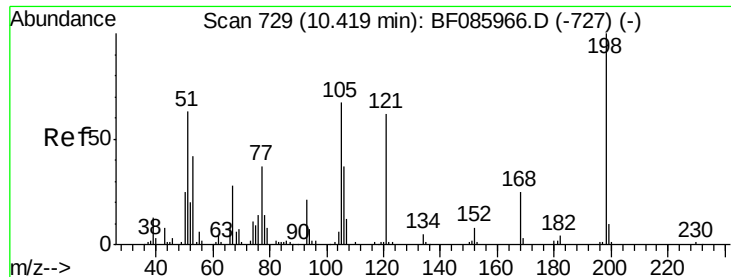


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

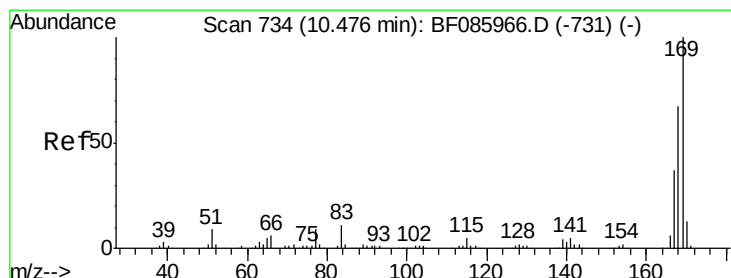
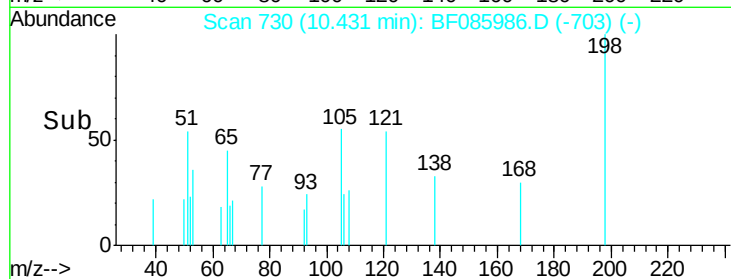
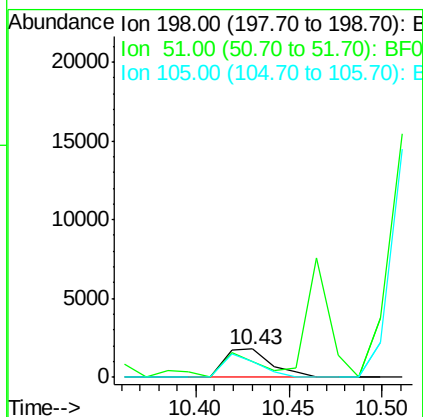
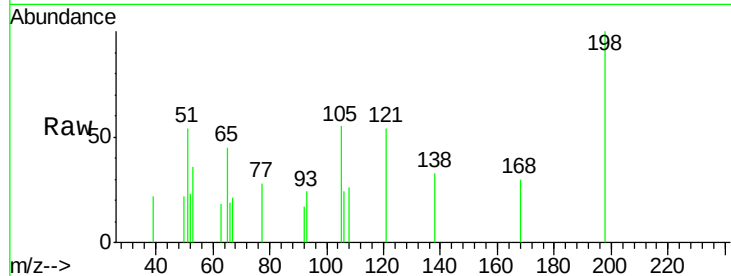




#64
4,6-Dinitro-2-methylphenol
Concen: 1.35 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

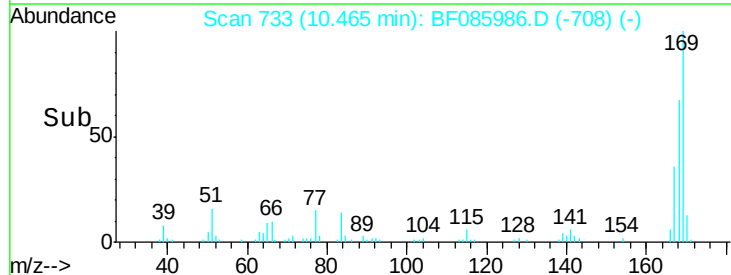
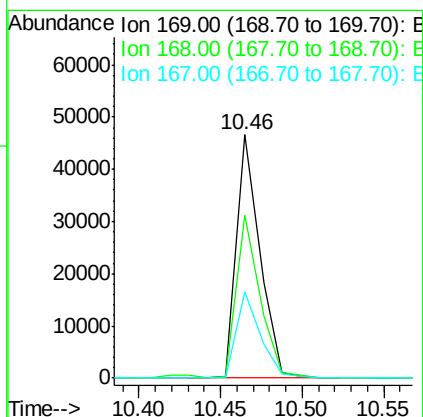
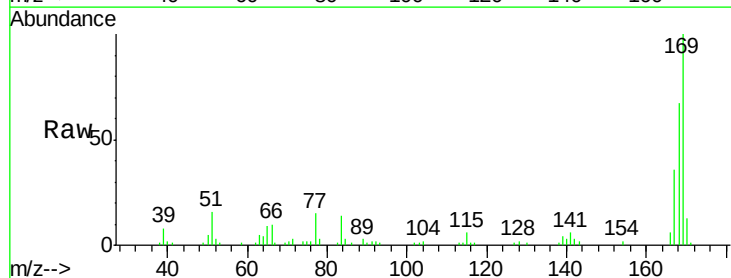
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

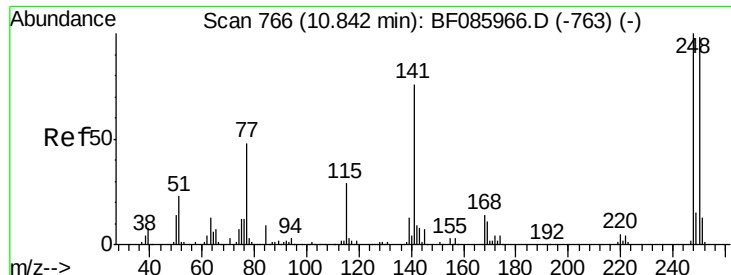
Tot Ion:198 Resp: 3162
Ion Ratio Lower Upper
198 100
51 54.1 45.4 85.4
105 55.4 45.9 85.9



#65
n-Nitrosodiphenylamine
Concen: 3.79 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:169 Resp: 45700
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 35.6 29.4 44.0

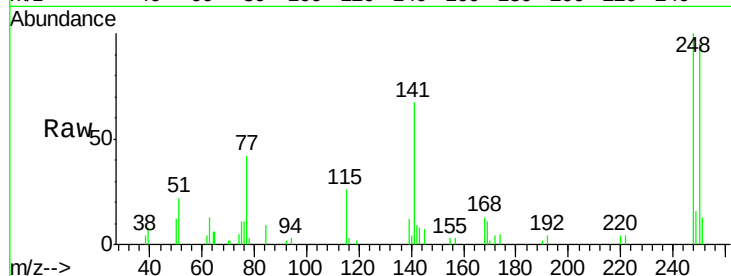




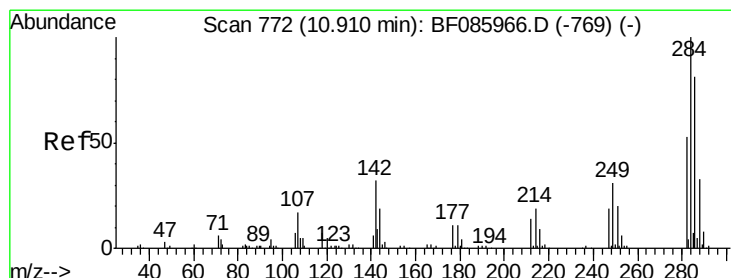
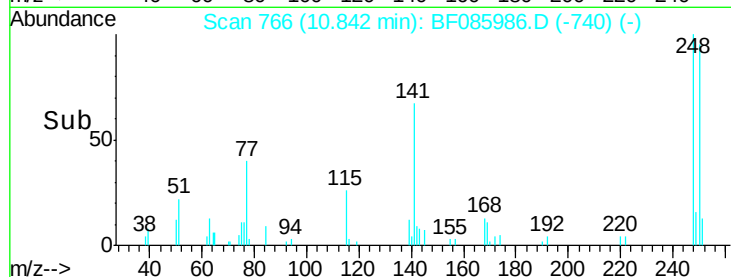
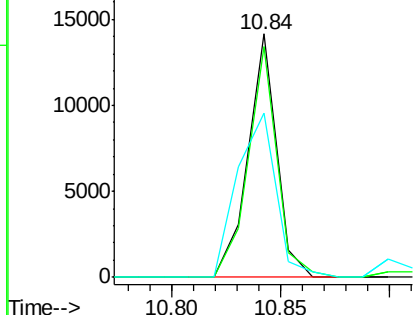
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:248 Resp: 12897
Ion Ratio Lower Upper
248 100
250 94.8 77.4 116.0
141 67.3 63.6 95.4

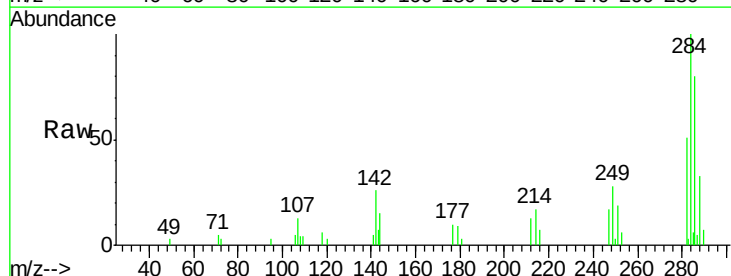


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

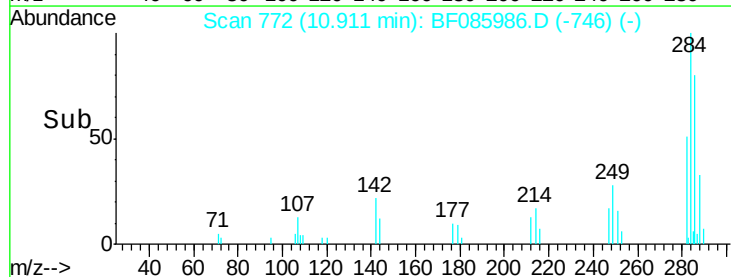
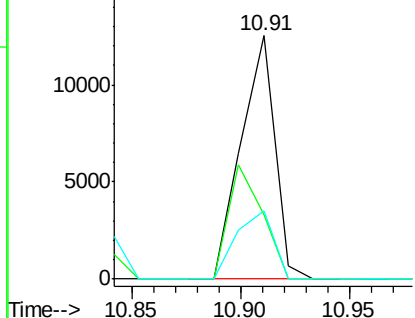


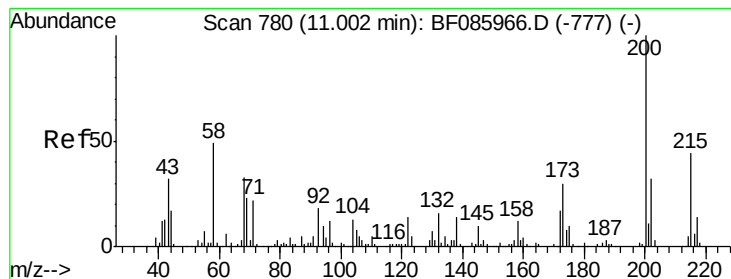
#67
Hexachlorobenzene
Concen: 3.32 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:284 Resp: 13514
Ion Ratio Lower Upper
284 100
142 26.3 23.1 34.7
249 28.1 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: 3.49 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

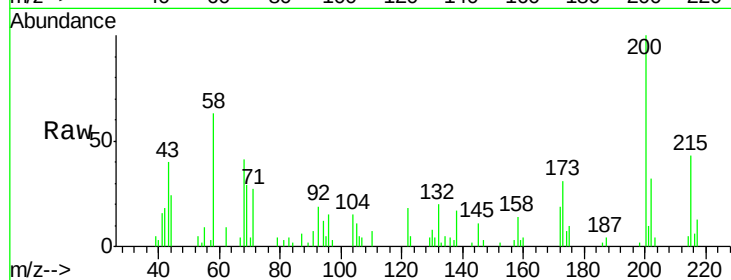
Tot Ion:200 Resp: 13608

Ion Ratio Lower Upper

200 100

173 31.1 7.7 47.7

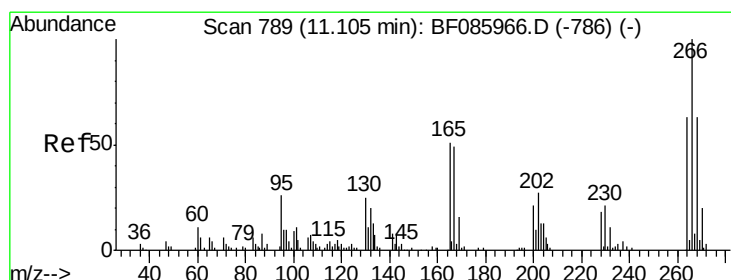
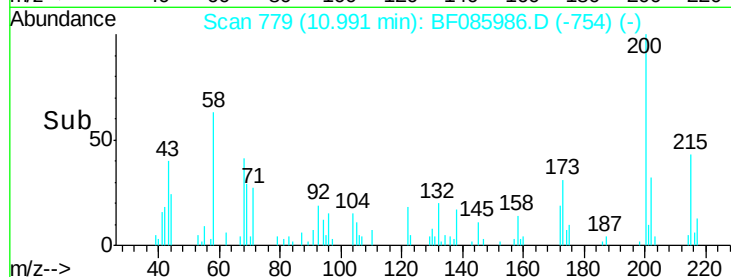
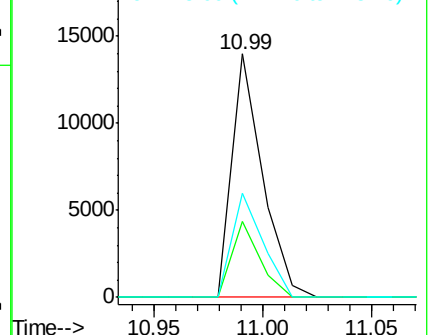
215 42.8 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 1.78 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

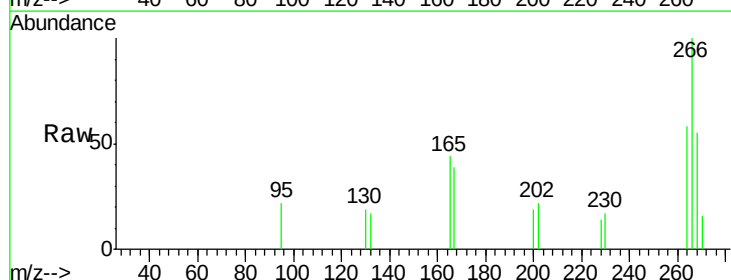
Tgt Ion:266 Resp: 3403

Ion Ratio Lower Upper

266 100

268 55.0 51.5 77.3

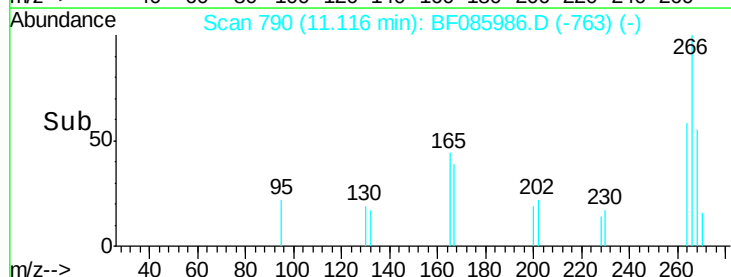
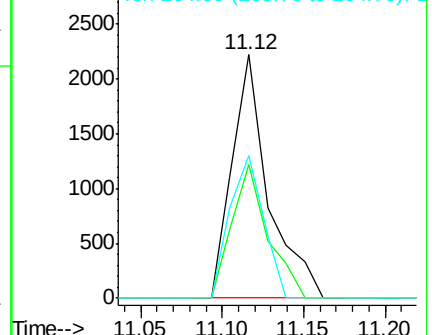
264 58.5 50.6 76.0

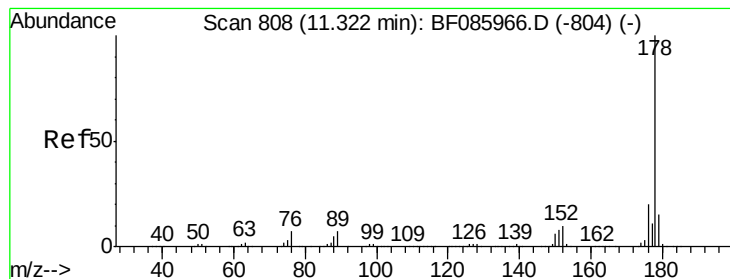


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.85 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

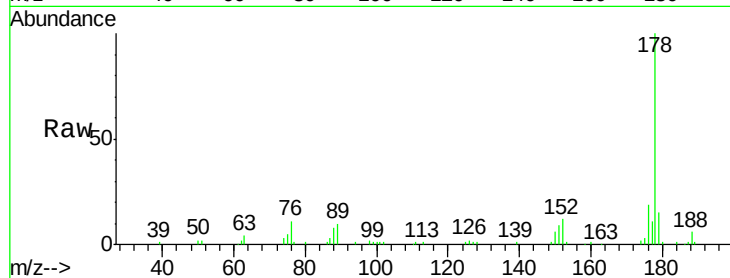
Tot Ion:178 Resp: 81093

Ion Ratio Lower Upper

178 100

176 19.0 16.3 24.5

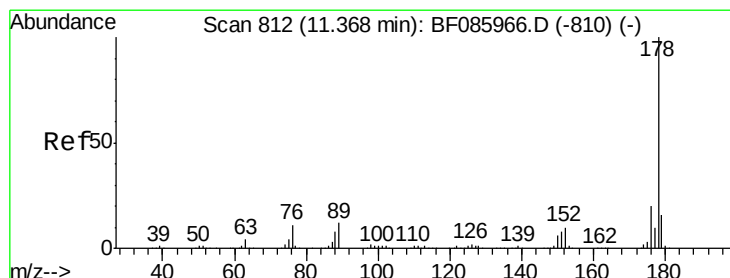
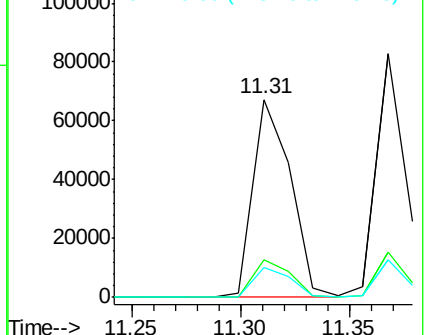
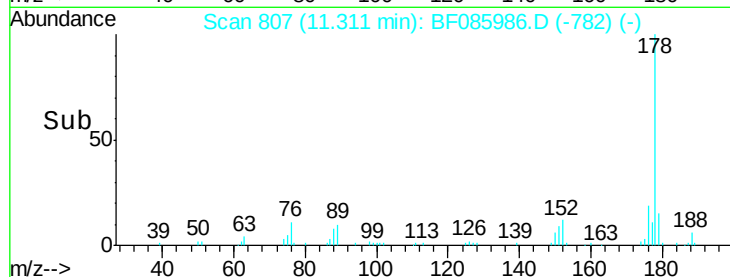
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.77 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

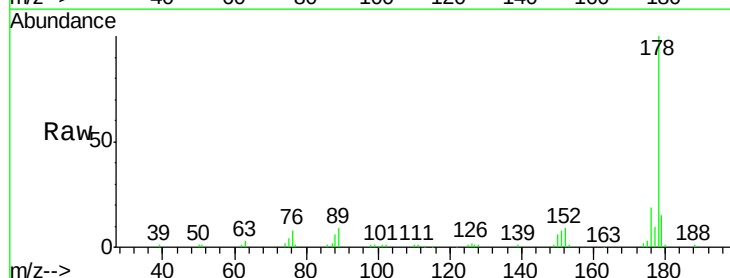
Tgt Ion:178 Resp: 83092

Ion Ratio Lower Upper

178 100

176 18.5 15.9 23.9

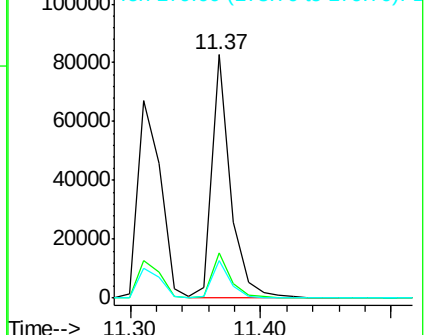
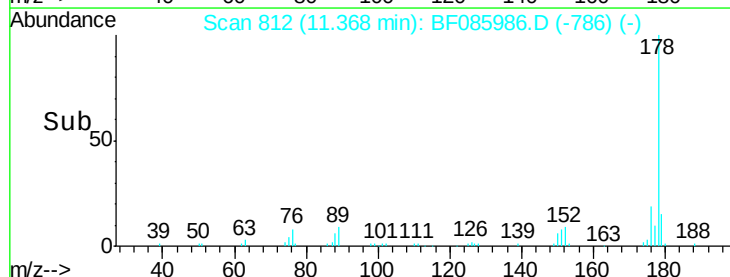
179 15.3 13.0 19.4

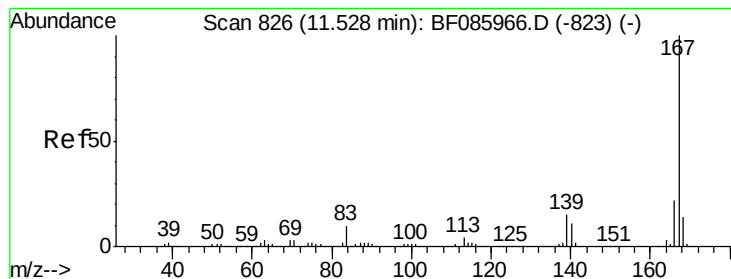


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.01 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

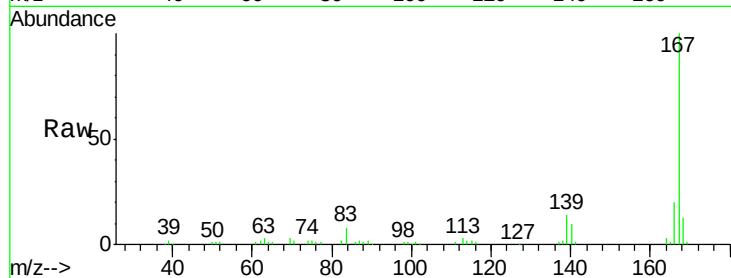
Tot Ion:167 Resp: 76066

Ion Ratio Lower Upper

167 100

166 20.3 17.8 26.8

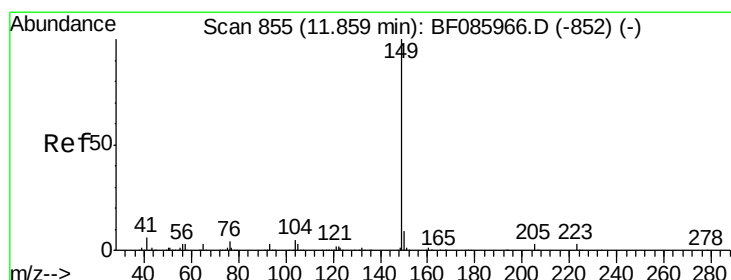
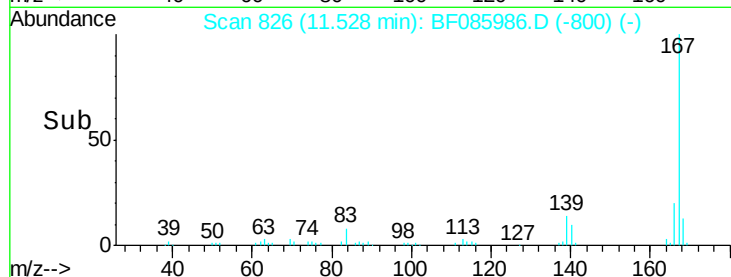
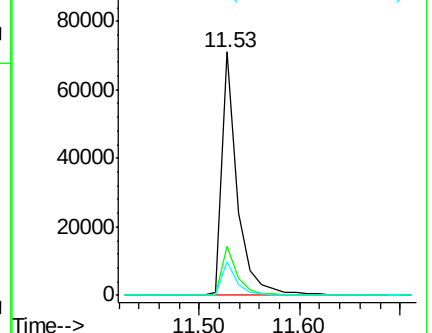
139 13.7 11.6 17.4



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: 3.23 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

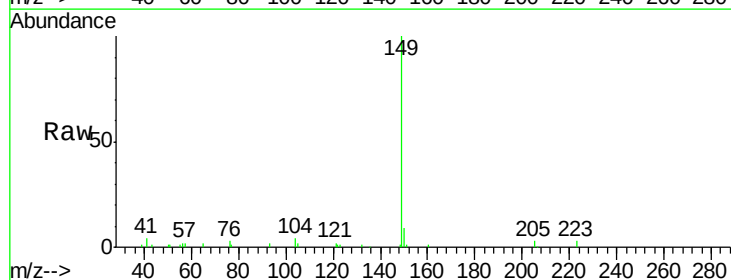
Tgt Ion:149 Resp: 75910

Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

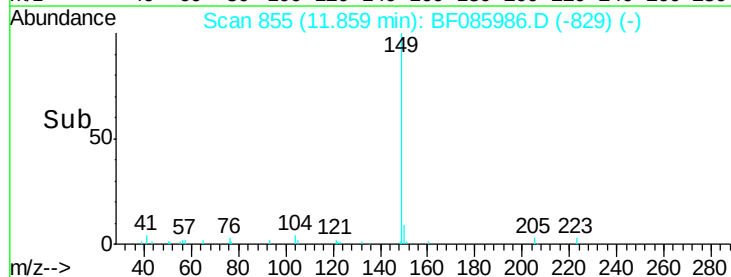
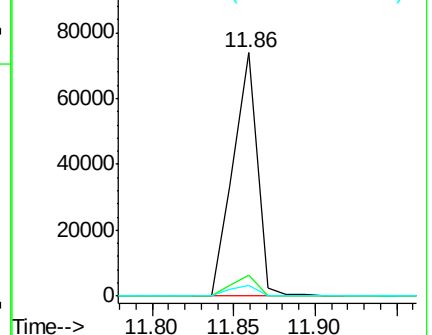
104 4.3 3.8 5.8

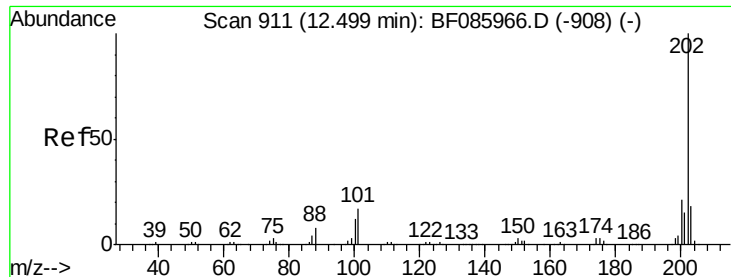


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

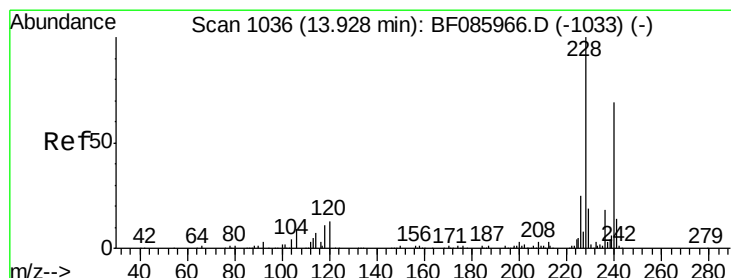
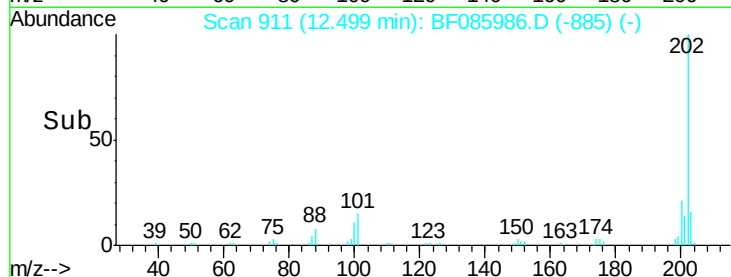
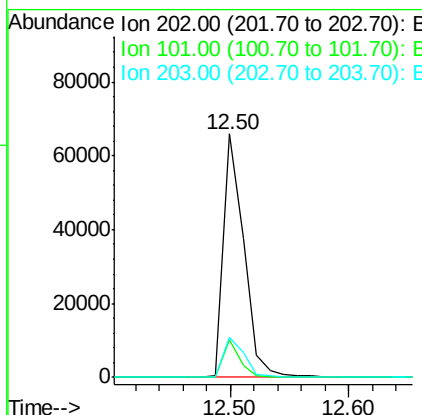
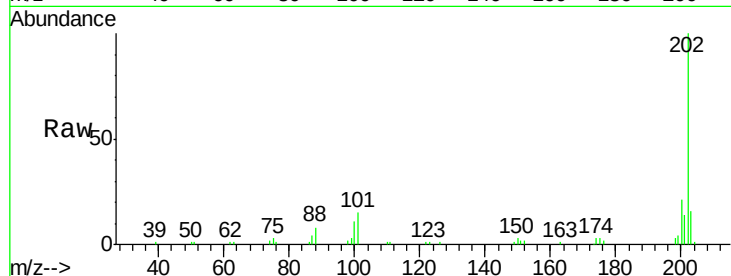




#74
 Fluoranthene
 Concen: 3.56 ng
 RT: 12.50 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

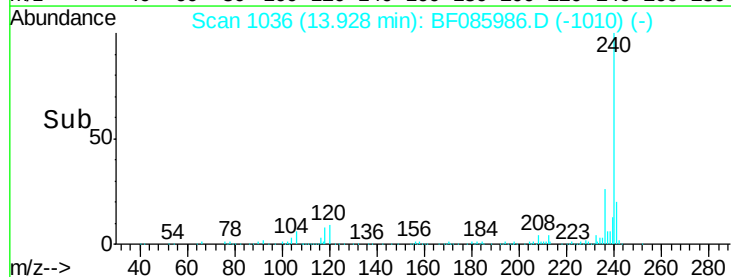
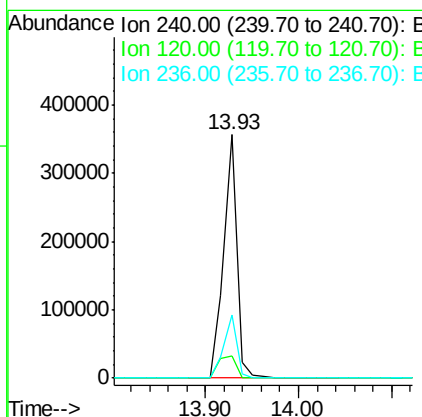
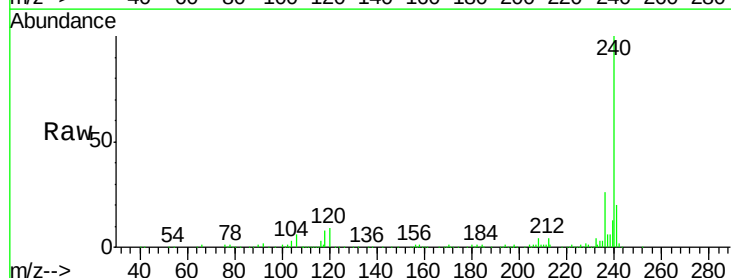
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

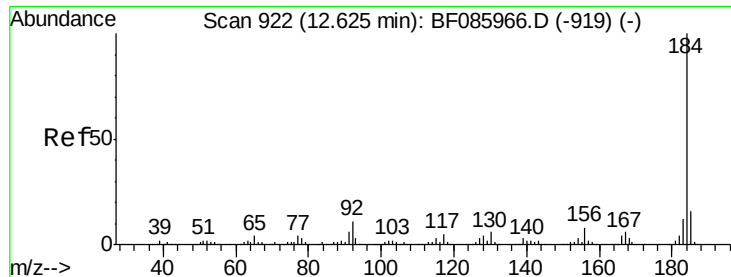
Tot Ion:202 Resp: 77862
 Ion Ratio Lower Upper
 202 100
 101 15.3 0.0 36.6
 203 16.4 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:240 Resp: 349537
 Ion Ratio Lower Upper
 240 100
 120 9.2 13.8 20.8#
 236 26.2 20.6 30.8





#76

Benzidine

Concen: 1.78 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

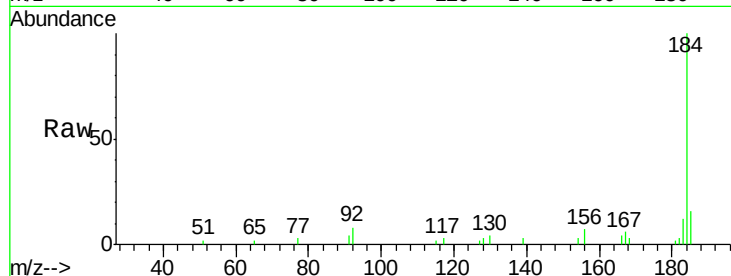
Tot Ion:184 Resp: 21986

Ion Ratio Lower Upper

184 100

185 16.5 12.4 18.6

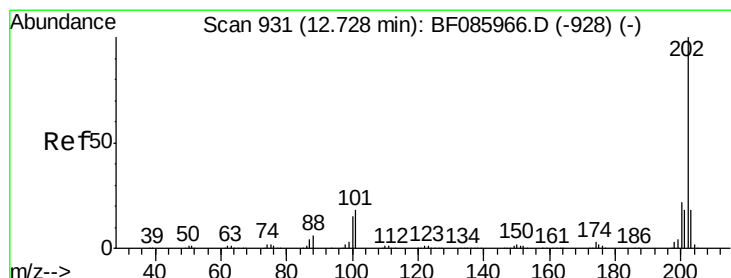
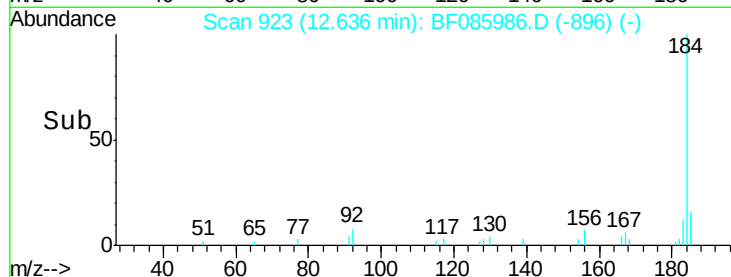
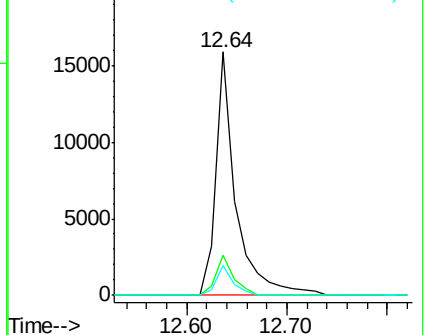
183 12.5 9.4 14.2



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: 3.47 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

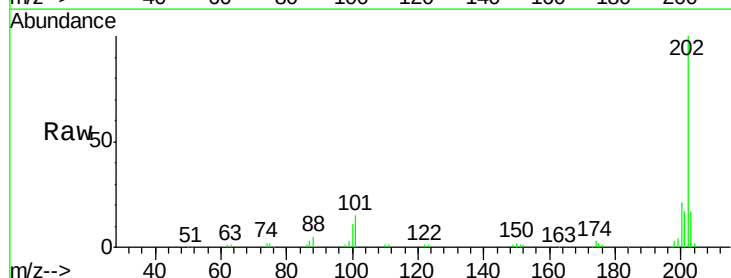
Tgt Ion:202 Resp: 85361

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

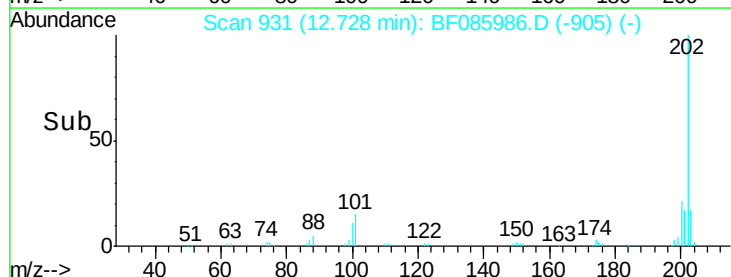
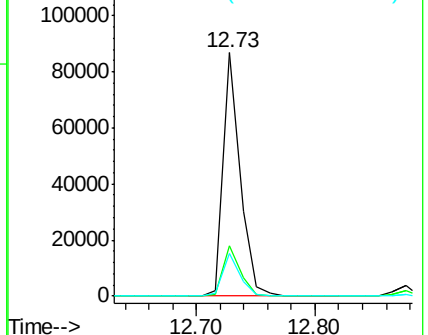
203 17.4 14.0 21.0

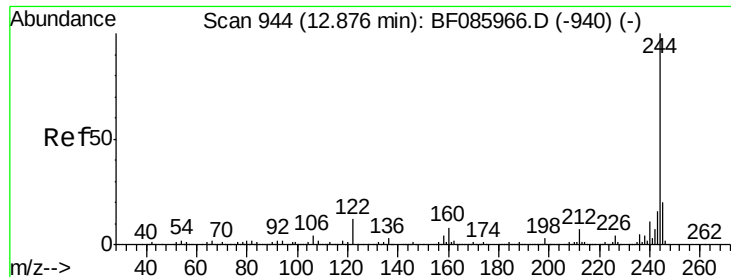


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.82 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

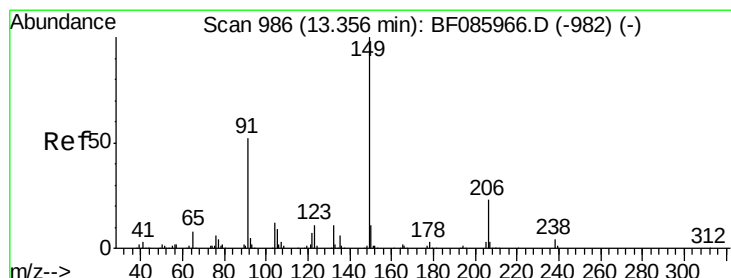
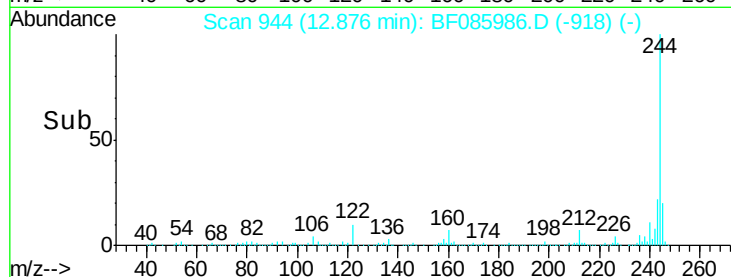
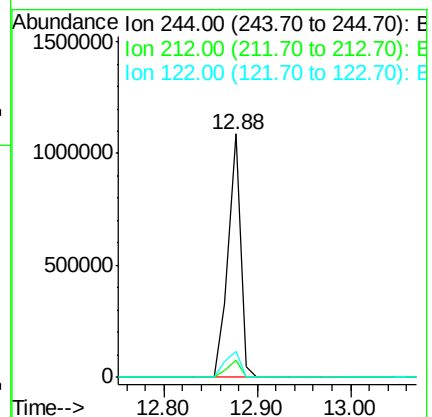
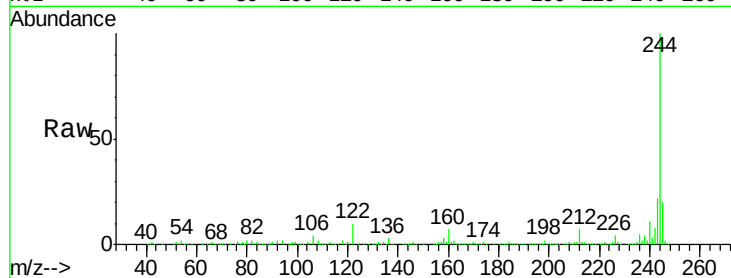
Tot Ion:244 Resp: 1008516

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 10.5 10.2 15.4



#79

Butylbenzylphthalate

Concen: 2.73 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

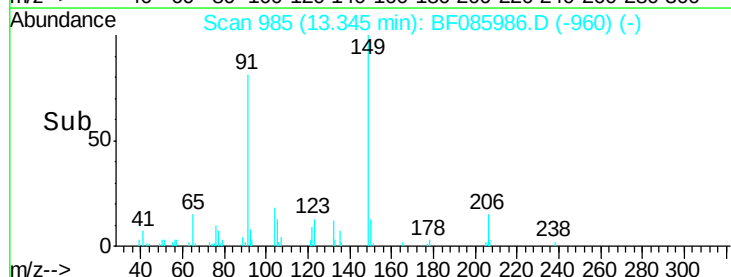
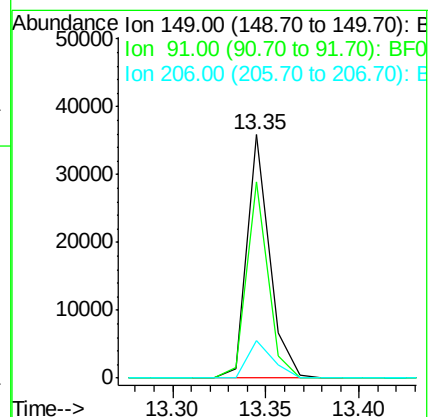
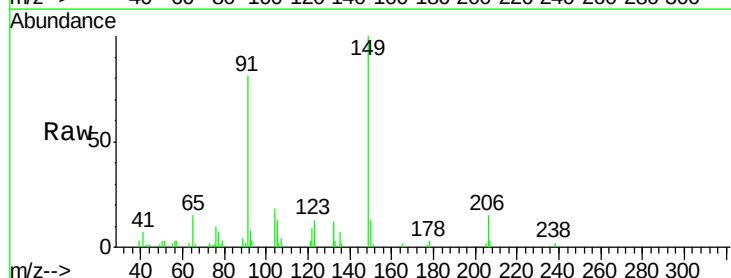
Tgt Ion:149 Resp: 30320

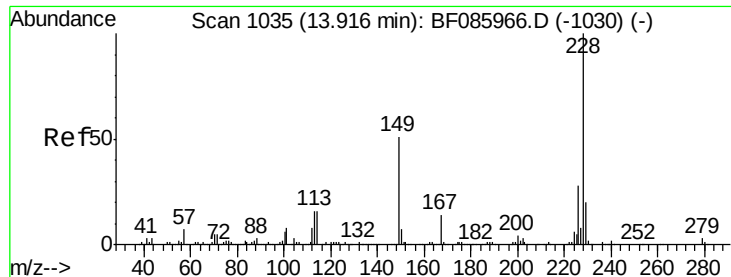
Ion Ratio Lower Upper

149 100

91 80.7 45.8 68.8#

206 15.4 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 3.59 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

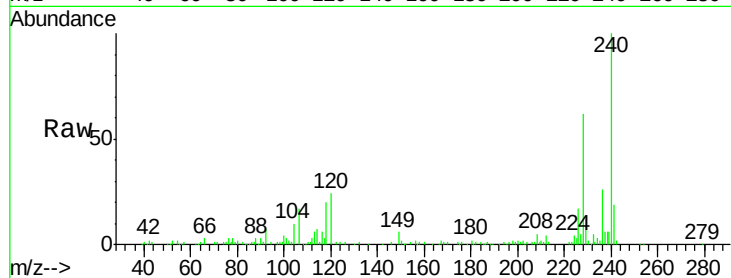
Tot Ion:228 Resp: 73946

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

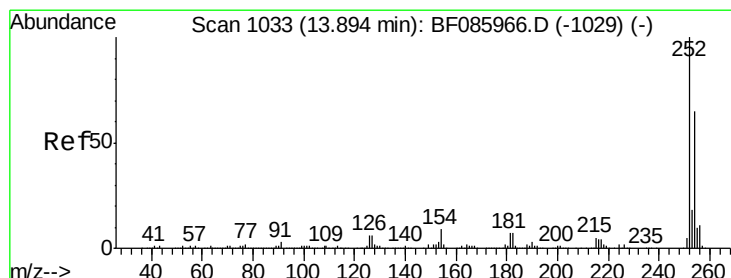
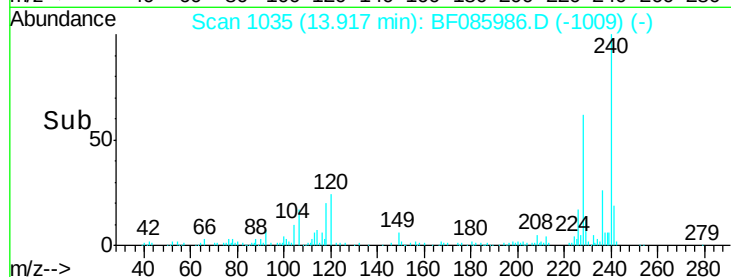
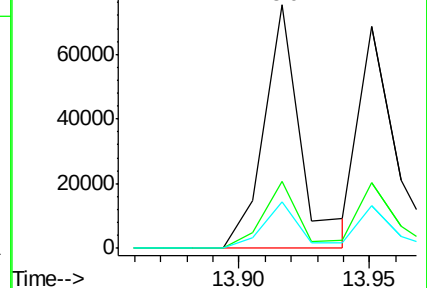
229 18.9 16.2 24.4



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: 0.82 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

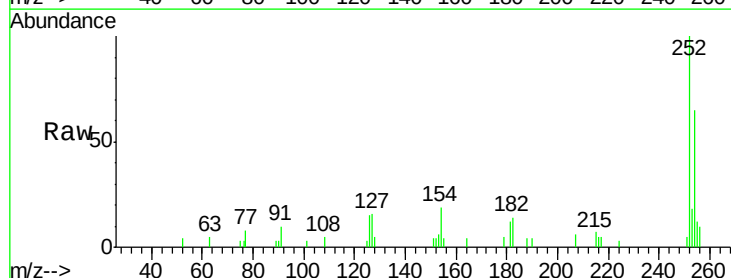
Tgt Ion:252 Resp: 12271

Ion Ratio Lower Upper

252 100

254 65.4 50.7 76.1

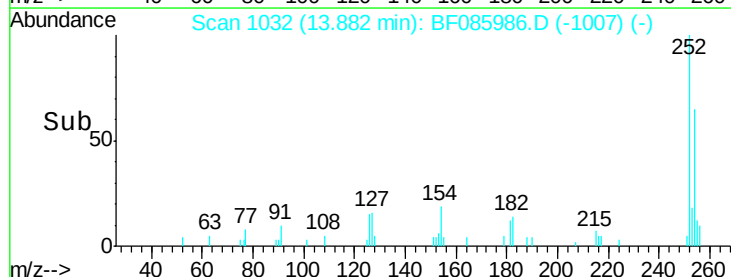
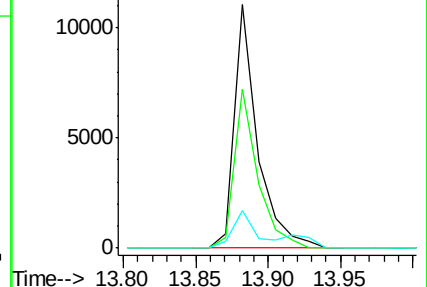
126 15.2 11.8 17.6

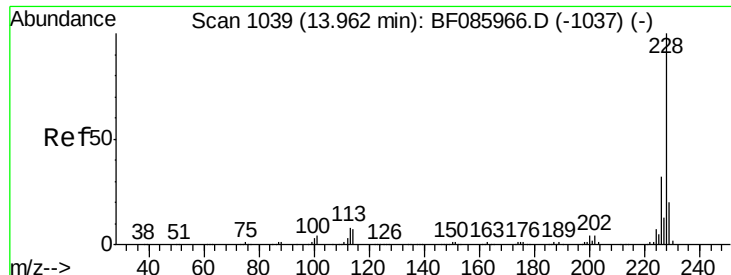


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 3.26 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

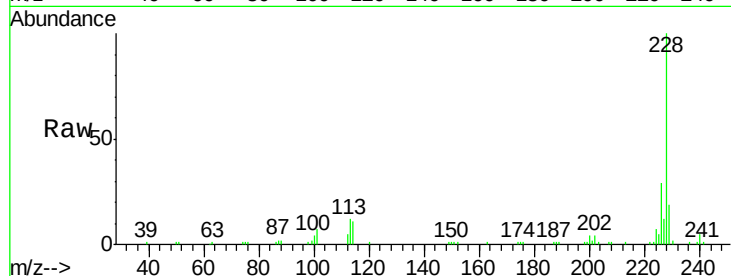
Tot Ion:228 Resp: 64668

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

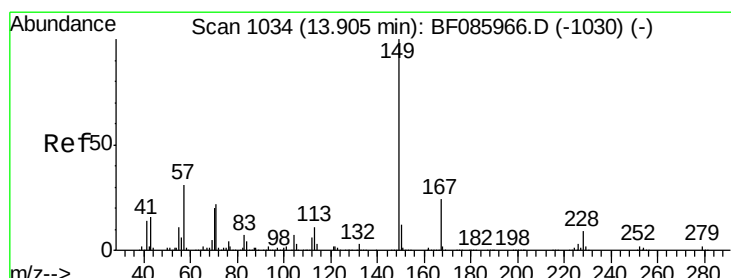
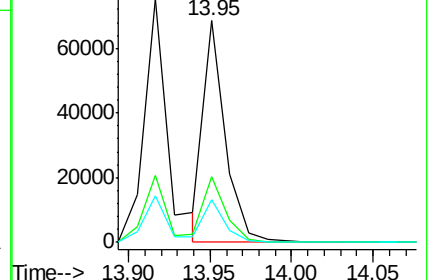
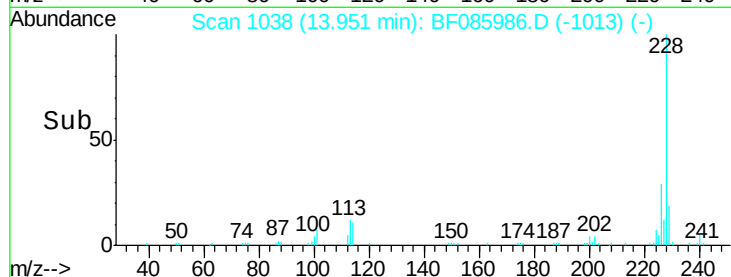
229 19.1 15.7 23.5



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: 3.07 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

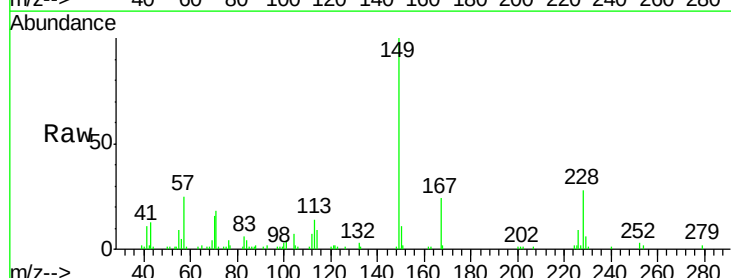
Tgt Ion:149 Resp: 45142

Ion Ratio Lower Upper

149 100

167 24.2 19.4 29.2

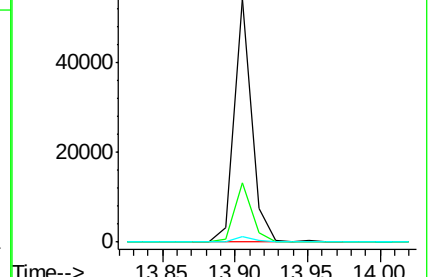
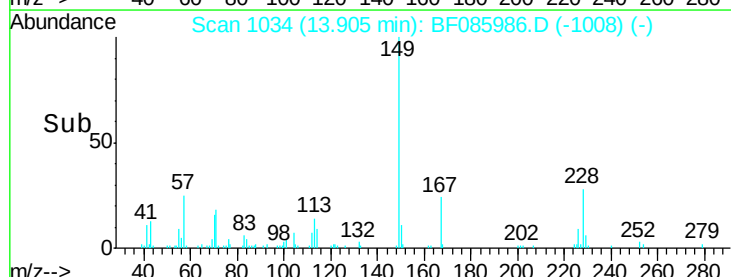
279 2.4 1.5 2.3#

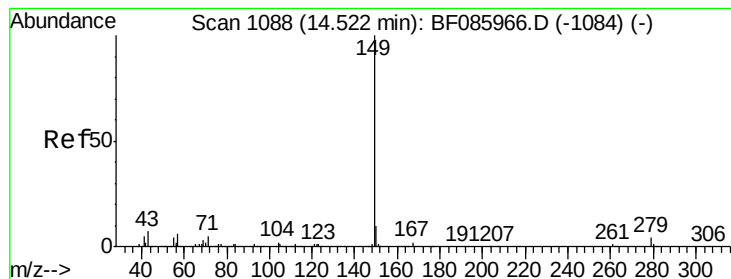


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.61 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

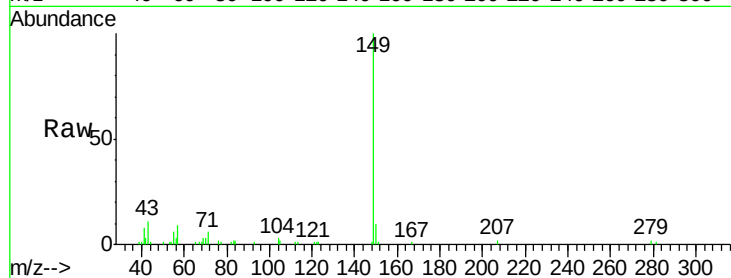
Tot Ion:149 Resp: 61327

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

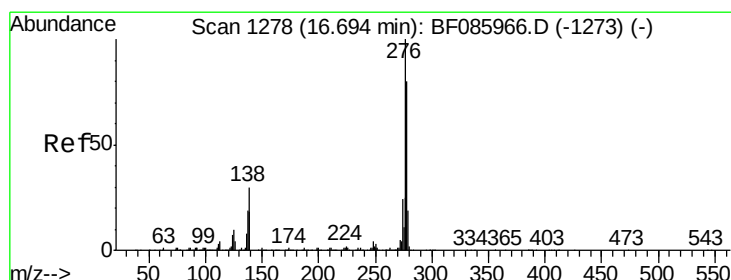
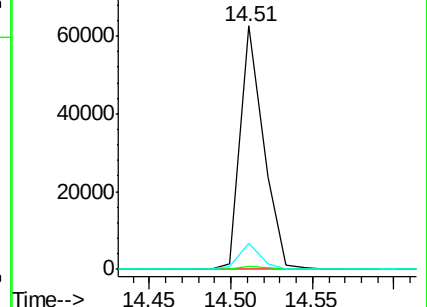
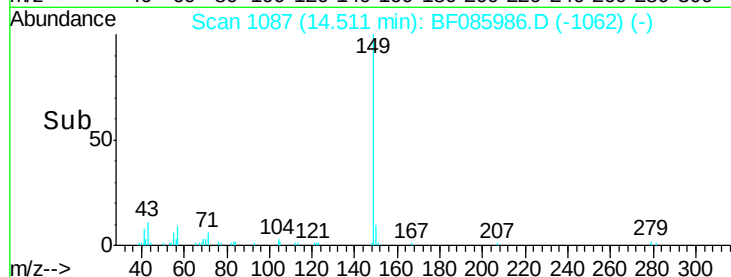
43 9.7 7.1 10.7



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: 3.05 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

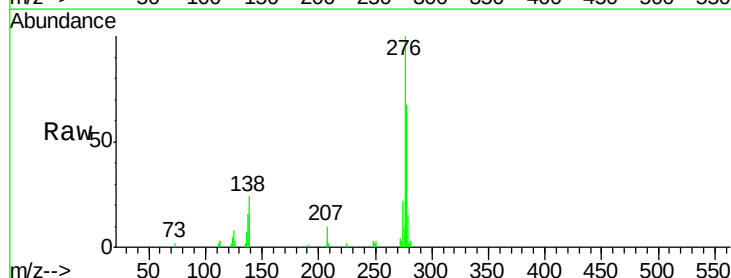
Tgt Ion:276 Resp: 49125

Ion Ratio Lower Upper

276 100

138 28.3 24.2 36.4

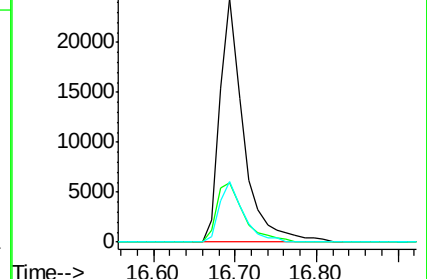
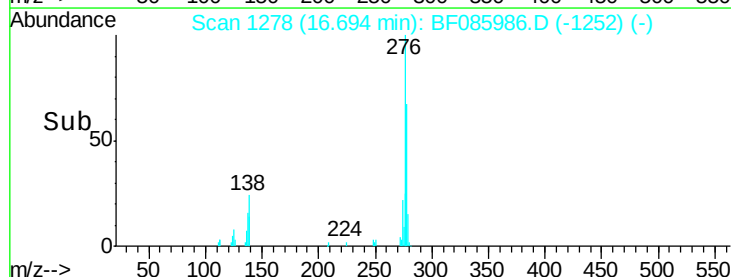
277 24.8 20.0 30.0

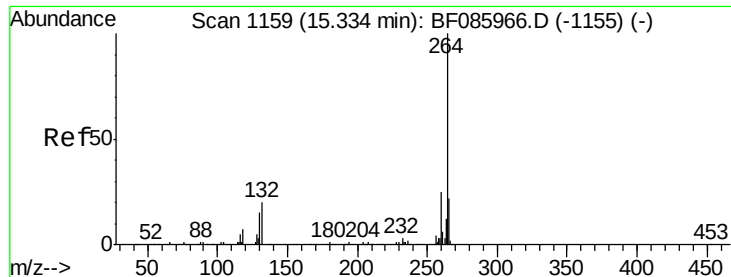


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

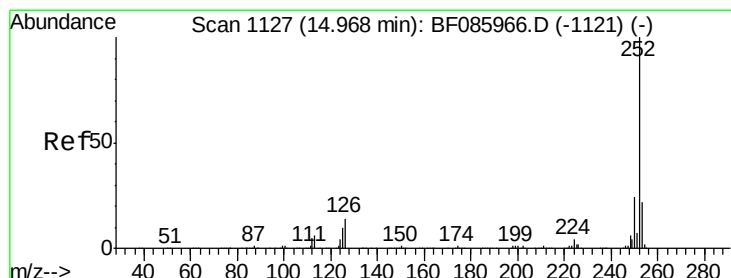
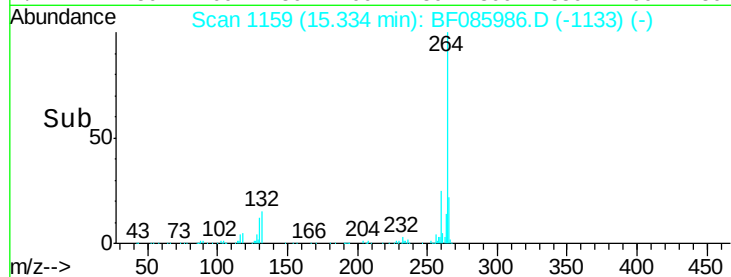
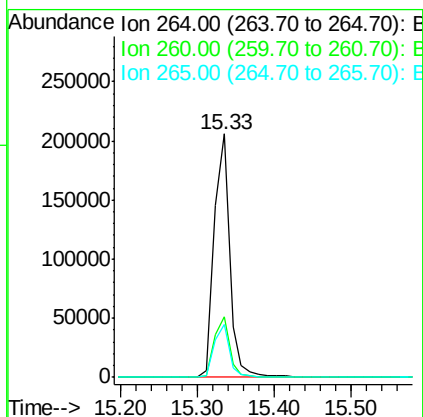
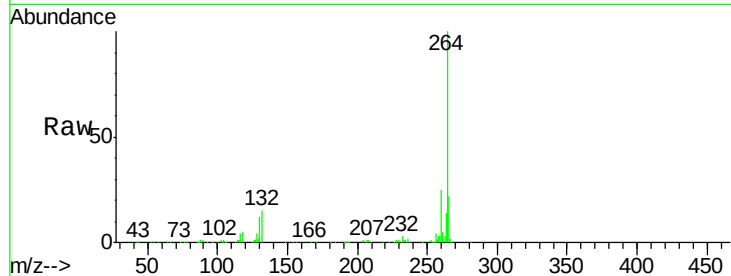




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

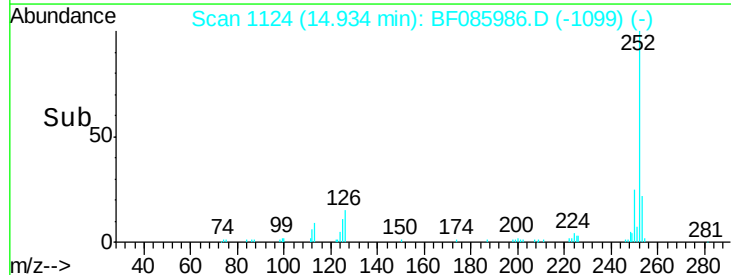
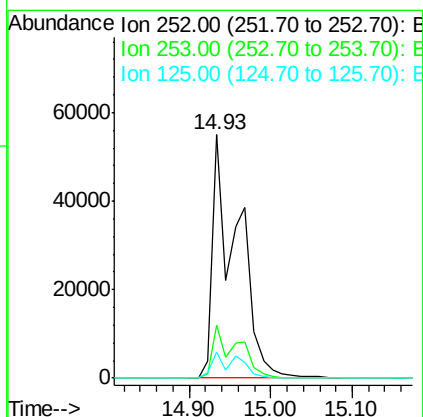
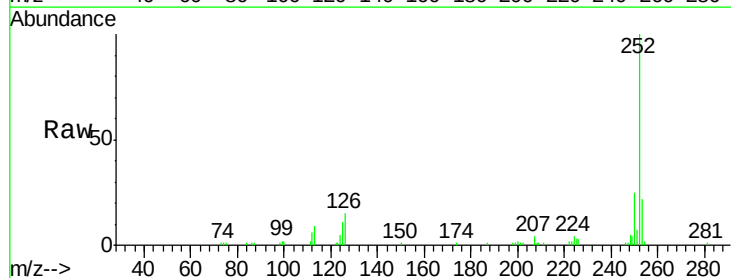
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

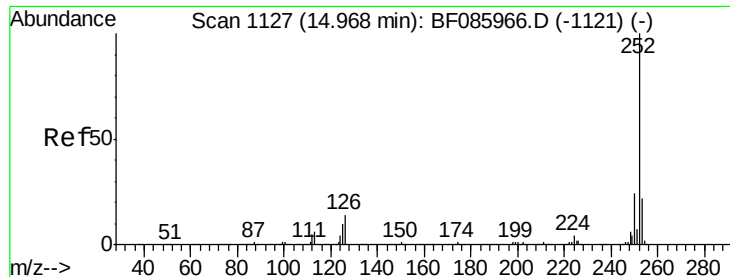
Tot Ion:264 Resp: 290703
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 6.49 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:252 Resp: 118703
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.9 10.3 15.5

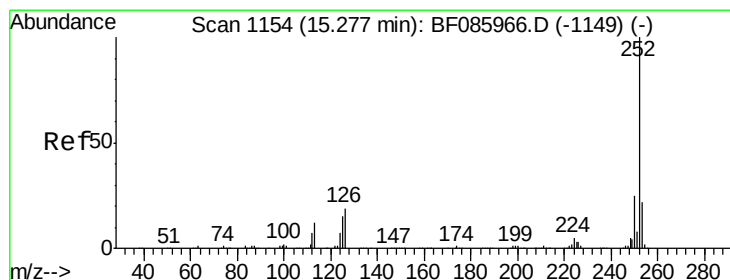
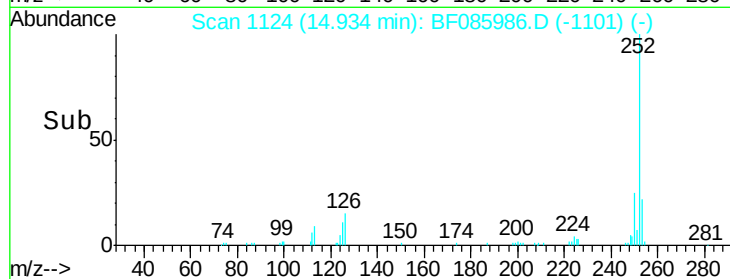
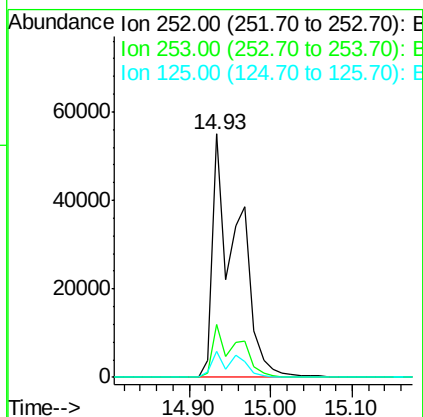
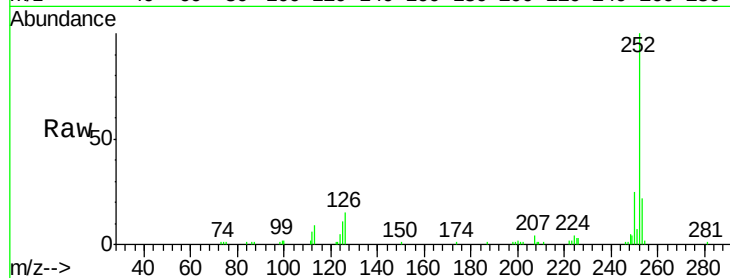




#88
Benzo(k)fluoranthene
Concen: 7.33 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

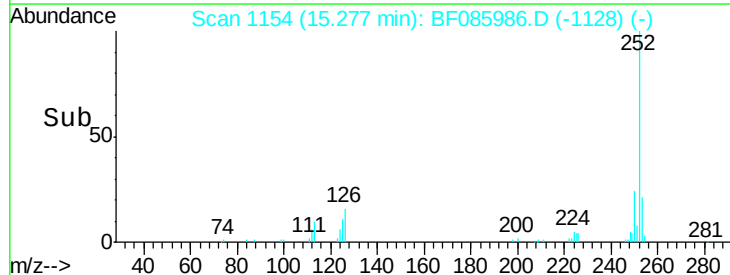
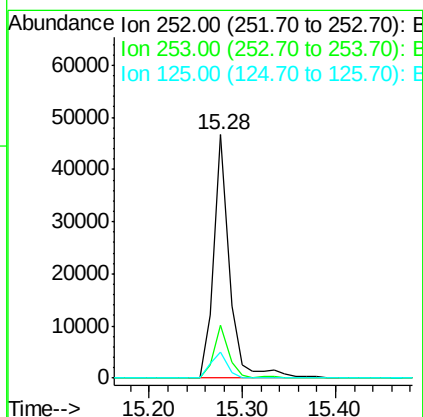
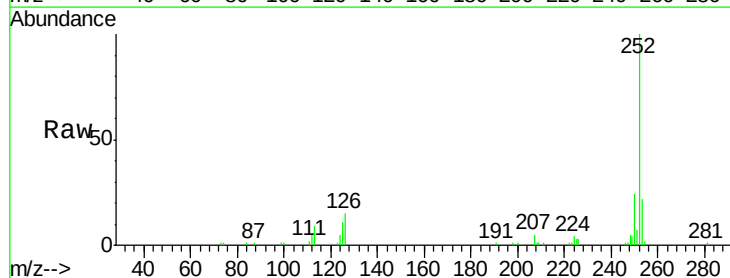
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

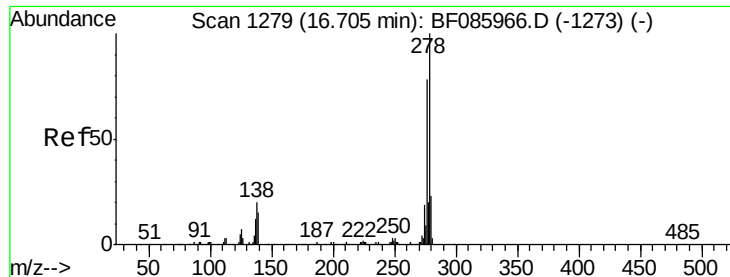
Tot Ion:252 Resp: 118703
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.9 7.7 11.5



#89
Benzo(a)pyrene
Concen: 3.45 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:252 Resp: 55880
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.6 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 3.06 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

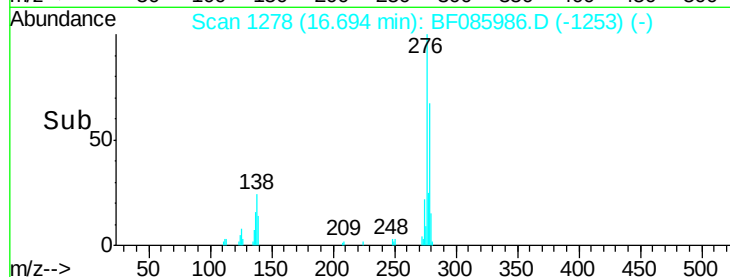
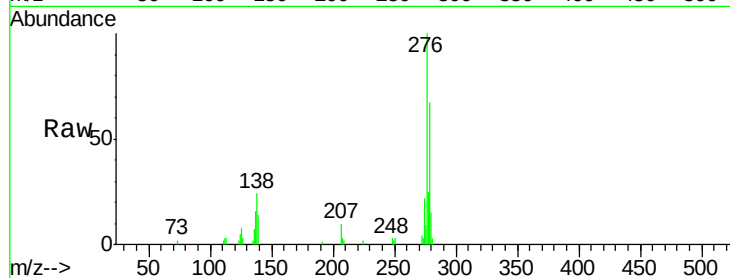
BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:278 Resp: 39902

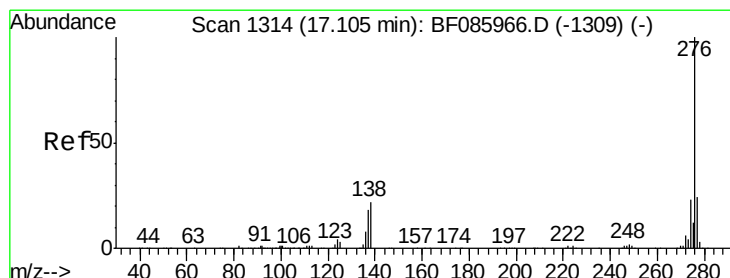
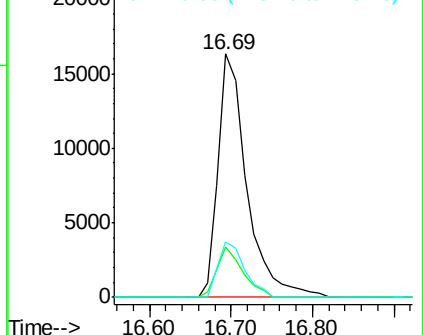
Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.4	21.6
279	22.7	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.15 ng

RT: 17.11 min Scan# 1314

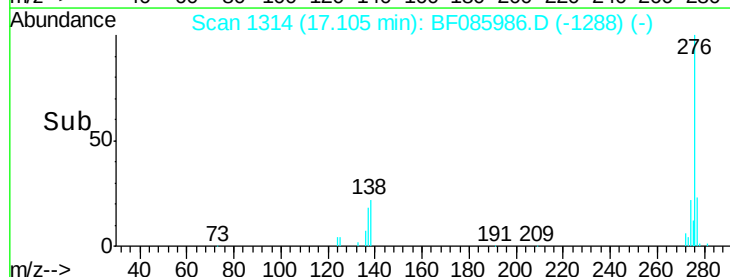
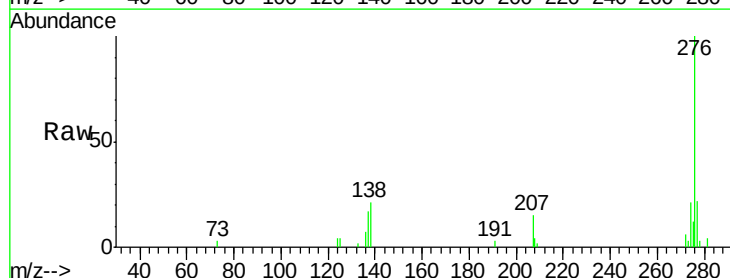
Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Tgt Ion:276 Resp: 39699

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.8	28.2
138	21.2	22.6	34.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

