

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085985.D
 Acq On : 2 Apr 2016 2:35
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 2PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 03:10:49 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	106794	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429469	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195276	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	398217	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	361335	20.00	ng	0.00
86) Perylene-d12	15.33	264	313488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	767346	122.82	ng	0.00
7) Phenol-d6	6.42	99	1029218	129.69	ng	0.00
23) Nitrobenzene-d5	7.34	82	623970	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	286943	156.56	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1093003	93.06	ng	0.00
78) Terphenyl-d14	12.88	244	1085183	70.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	4202	1.42	ng	# 84
6) Aniline	6.45	93	13815	1.33	ng	98
8) 2-Chlorophenol	6.56	128	14146	1.90	ng	92
9) Benzaldehyde	6.35	77	11146	2.61	ng	97
10) Phenol	6.43	94	14555	1.61	ng	89
11) bis(2-Chloroethyl)ether	6.51	93	13805	1.93	ng	91
12) 1,3-Dichlorobenzene	6.72	146	14586	1.85	ng	# 90
13) 1,4-Dichlorobenzene	6.80	146	14580	1.79	ng	94
14) 1,2-Dichlorobenzene	6.94	146	13031	1.74	ng	96
15) Benzyl Alcohol	6.97	79	6335	1.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	15424	1.76	ng	73
17) 2-Methylphenol	7.05	107	11615	1.98	ng	# 92
18) Hexachloroethane	7.28	117	4951	1.65	ng	# 74
19) n-Nitroso-di-n-propylamine	7.18	70	8803	1.79	ng	# 89
20) 3+4-Methylphenols	7.22	107	13711	1.92	ng	# 71
22) Acetophenone	7.20	105	18272	1.81	ng	# 90
24) Nitrobenzene	7.36	77	15535	1.95	ng	98
25) Isophorone	7.60	82	25434	1.77	ng	99
26) 2-Nitrophenol	7.70	139	4948	1.30	ng	97
27) 2,4-Dimethylphenol	7.73	122	10220	1.49	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	15253	1.81	ng	98
29) 2,4-Dichlorophenol	7.95	162	8730	1.51	ng	91
30) 1,2,4-Trichlorobenzene	8.01	180	10756	1.66	ng	93
31) Naphthalene	8.08	128	39120	1.81	ng	98
32) Benzoic acid	7.73	122	10220	2.03	ng	# 13
33) 4-Chloroaniline	8.16	127	13768	1.58	ng	98
34) Hexachlorobutadiene	8.20	225	5554	1.59	ng	98
35) Caprolactam	8.48	113	2186	1.19	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	9585	1.47	ng	91
37) 2-Methylnaphthalene	8.77	142	26786	1.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	10247	1.75	ng	97
40) Hexachlorocyclopentadiene	8.92	237	392	5.63	ng	# 26
42) 2,4,6-Trichlorophenol	9.06	196	5696	1.51	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	5694	1.49	ng	# 70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.23	154	30991	1.84	nq	96
46) 2-Chloronaphthalene	9.26	162	22578	1.85	nq	99
47) 2-Nitroaniline	9.38	65	5195	1.45	nq	95
48) Acenaphthylene	9.68	152	36012	1.84	nq	99
49) Dimethylphthalate	9.53	163	25672	1.77	nq	# 99
50) 2,6-Dinitrotoluene	9.60	165	4439	1.45	nq	# 62
51) Acenaphthene	9.84	154	23373	2.01	nq	96
52) 3-Nitroaniline	9.79	138	5221	1.41	nq	# 94
54) Dibenzofuran	10.02	168	33669	2.19	nq	97
55) 4-Nitrophenol	10.02	139	16056	7.38	nq	# 15
56) 2,4-Dinitrotoluene	10.02	165	5812	1.50	nq	# 17
57) Fluorene	10.36	166	26161	1.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	4592	1.61	nq	# 93
59) Diethylphthalate	10.24	149	26404	1.81	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	13162	2.15	nq	92
61) 4-Nitroaniline	10.40	138	4163	1.15	nq	93
62) Azobenzene	10.51	77	26449	1.89	nq	98
64) 4,6-Dinitro-2-methylphenol	10.43	198	884	0.37	nq	92
65) n-Nitrosodiphenylamine	10.46	169	23067	1.85	nq	97
66) 4-Bromophenyl-phenylether	10.84	248	6933	1.71	nq	97
67) Hexachlorobenzene	10.91	284	7032	1.67	nq	99
68) Atrazine	10.99	200	6660	1.66	nq	97
69) Pentachlorophenol	11.12	266	884	0.45	nq	90
70) Phenanthrene	11.31	178	41732	1.92	nq	98
71) Anthracene	11.37	178	43665	1.92	nq	98
72) Carbazole	11.53	167	35825	1.83	nq	97
73) Di-n-butylphthalate	11.86	149	37819	1.56	nq	98
74) Fluoranthene	12.51	202	39232	1.74	nq	89
76) Benzidine	12.64	184	12103	0.95	nq	97
77) Pyrene	12.73	202	43437	1.71	nq	98
79) Butylbenzylphthalate	13.35	149	14122	1.23	nq	# 70
80) Benzo(a)anthracene	13.92	228	39242	1.84	nq	98
81) 3,3'-Dichlorobenzidine	13.88	252	6324	0.41	nq	96
82) Chrysene	13.95	228	35315	1.72	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	21463	1.41	nq	# 96
84) Di-n-octyl phthalate	14.51	149	28390	1.17	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.69	276	25592	1.54	nq	95
87) Benzo(b)fluoranthene	14.93	252	62186	3.15	nq	99
88) Benzo(k)fluoranthene	14.93	252	62186	3.56	nq	# 96
89) Benzo(a)pyrene	15.28	252	29146	1.67	nq	100
90) Dibenzo(a,h)anthracene	16.71	278	21448	1.53	nq	96
91) Benzo(g,h,i)perylene	17.11	276	20818	1.53	nq	98

(#) = 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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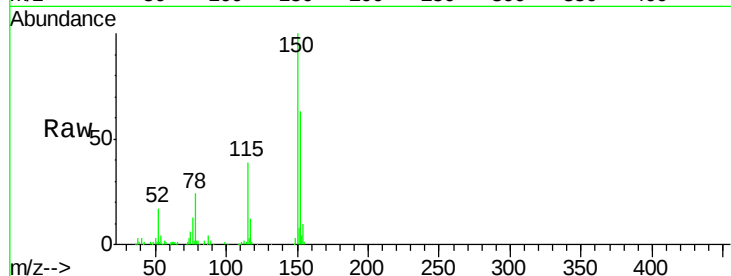
Tot Ion:152 Resp: 106794

Ion Ratio Lower Upper

152 100

150 157.5 124.2 186.2

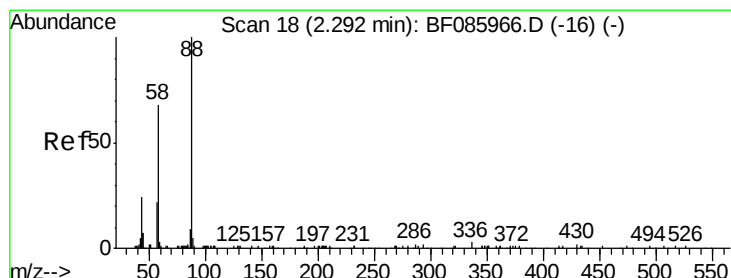
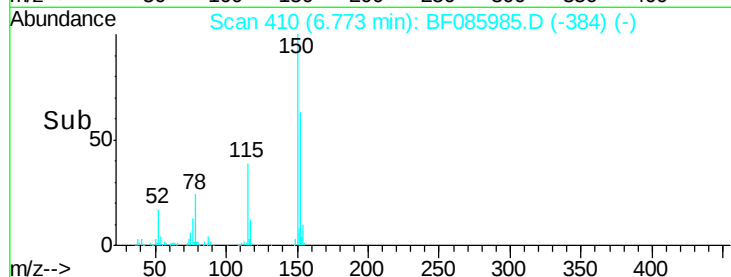
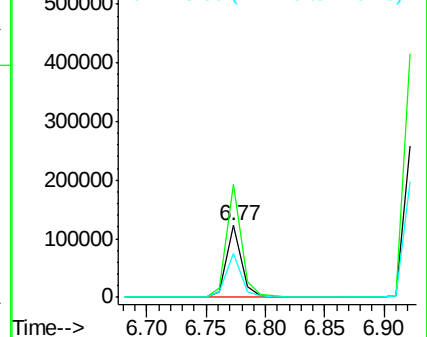
115 61.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.42 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.11 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

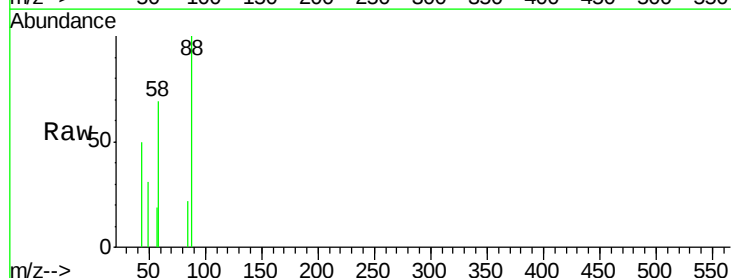
Tgt Ion: 88 Resp: 4202

Ion Ratio Lower Upper

88 100

58 80.2 54.2 81.2

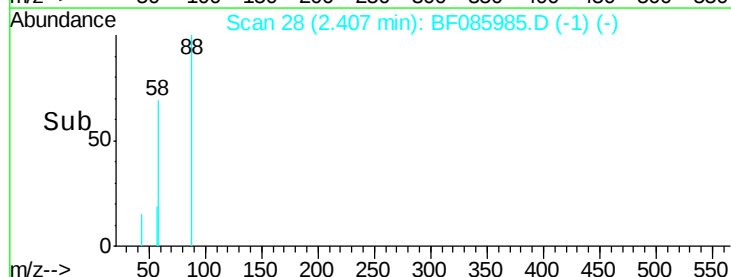
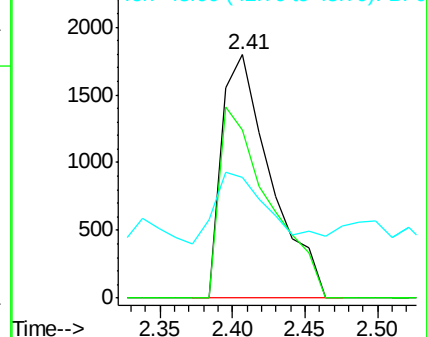
43 31.9 19.3 28.9#

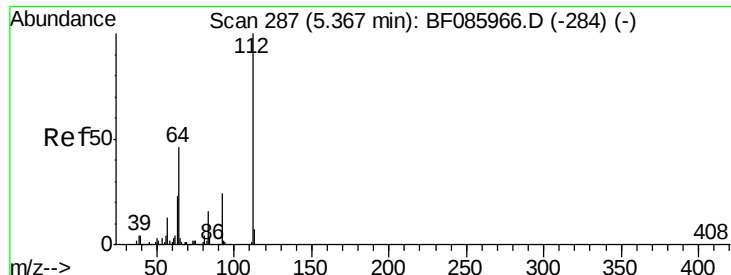


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 122.82 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

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LOD-WATER2016-01

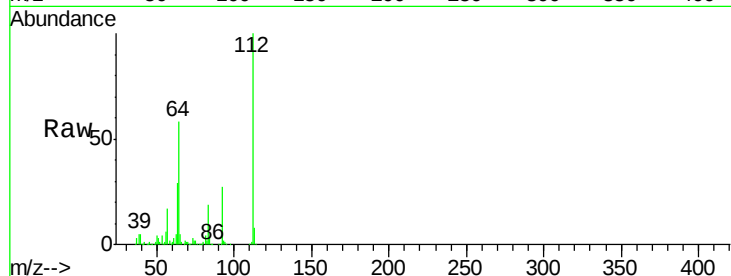
Tot Ion:112 Resp: 767346

Ion Ratio Lower Upper

112 100

64 57.9 39.9 59.9

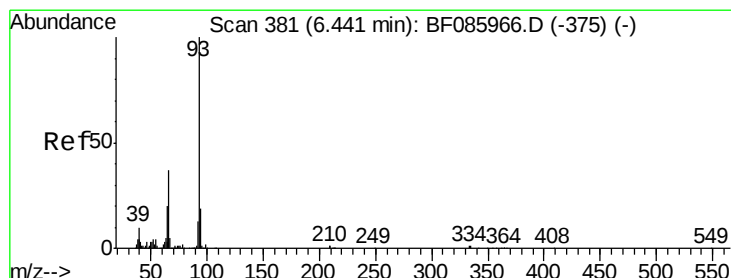
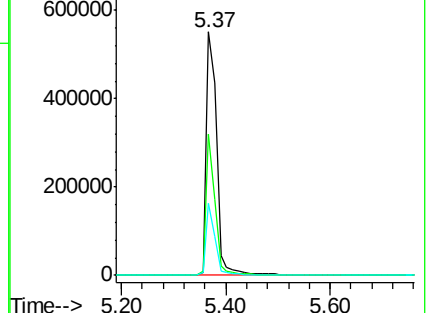
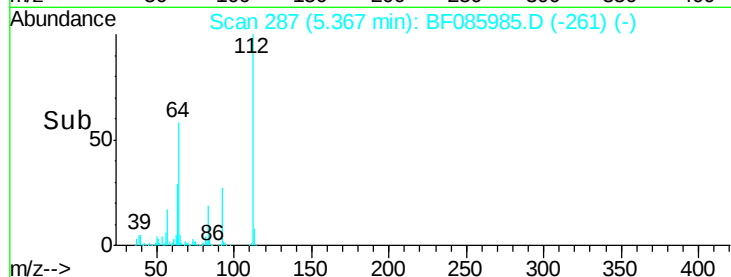
63 29.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 1.33 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

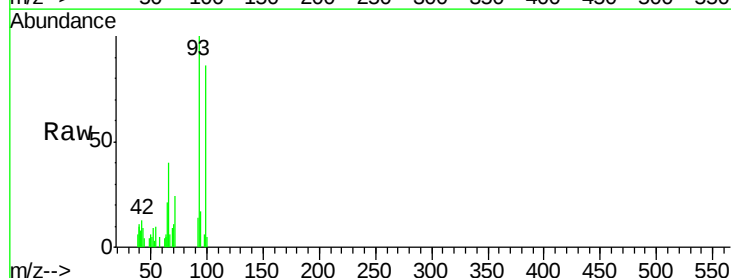
Tgt Ion: 93 Resp: 13815

Ion Ratio Lower Upper

93 100

66 40.2 31.4 47.2

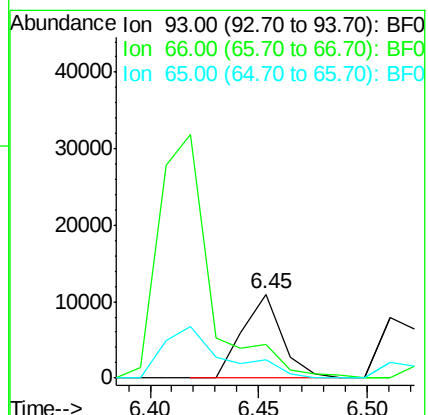
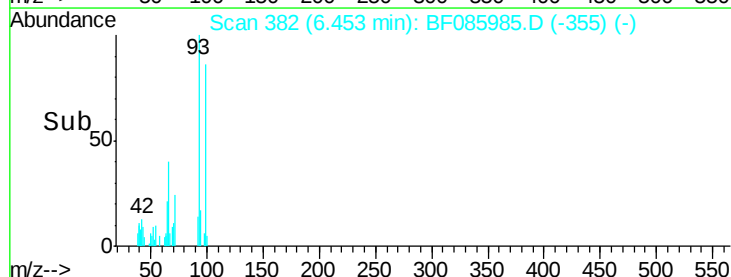
65 21.5 15.7 23.5

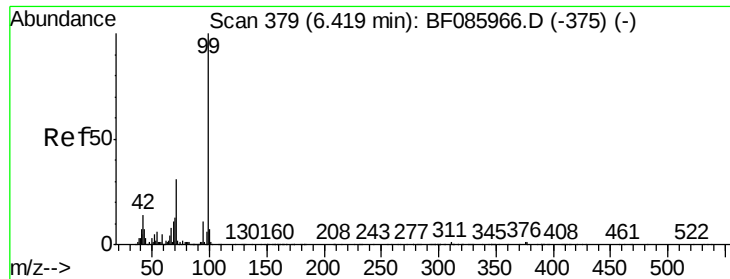


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

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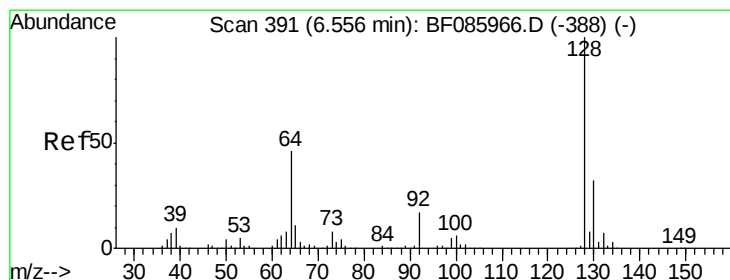
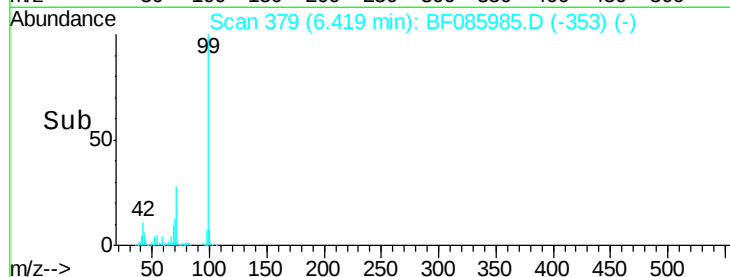
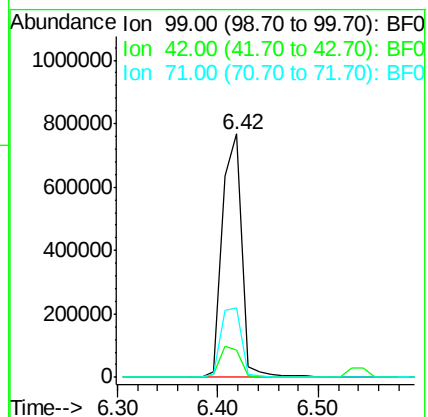
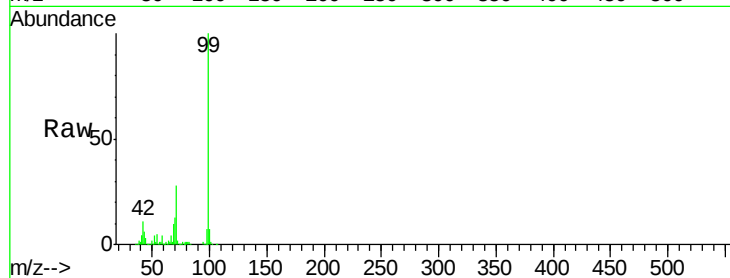
Tot Ion: 99 Resp: 1029218

Ion Ratio Lower Upper

99 100

42 11.3 11.1 16.7

71 28.5 24.9 37.3



#8

2-Chlorophenol

Concen: 1.90 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

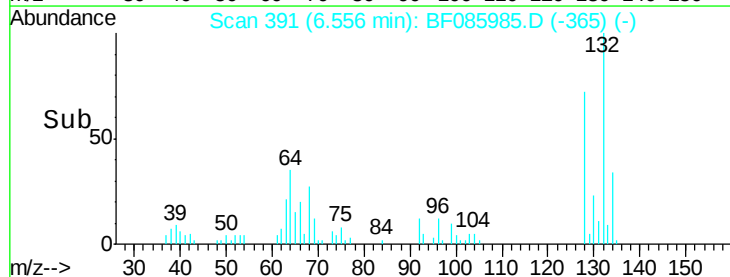
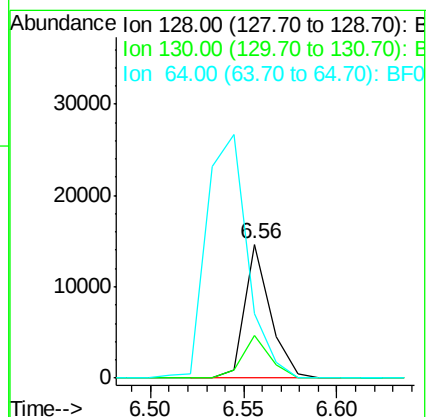
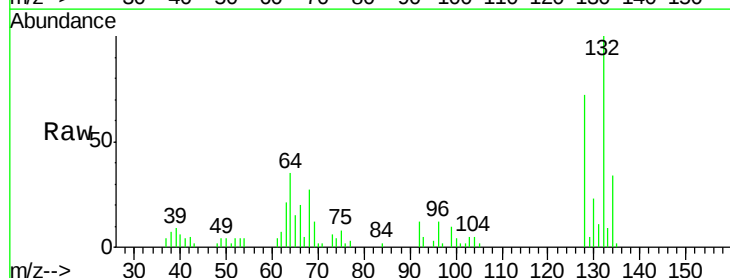
Tgt Ion: 128 Resp: 14146

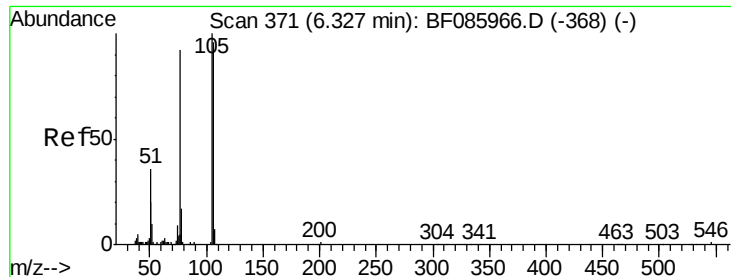
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 48.4 20.2 60.2





#9

Benzaldehyde

Concen: 2.61 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.02 min

Lab File: BF085985.D

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LOD-WATER2016-01

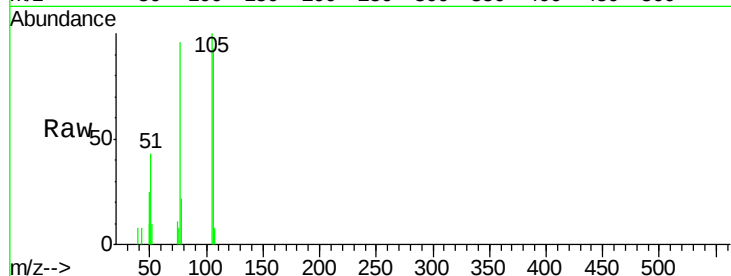
Tot Ion: 77 Resp: 11146

Ion Ratio Lower Upper

77 100

105 104.1 80.1 120.1

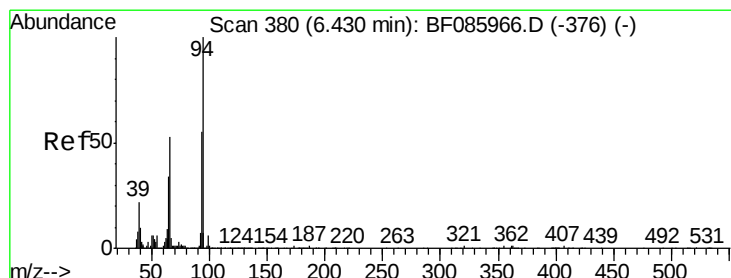
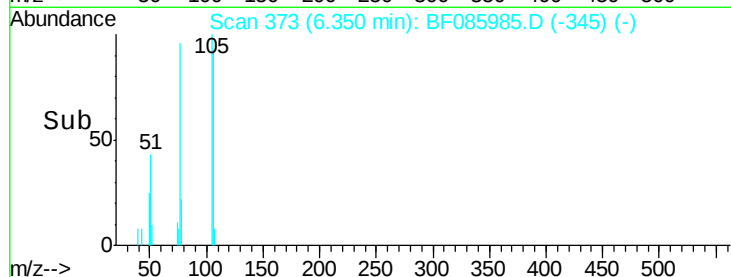
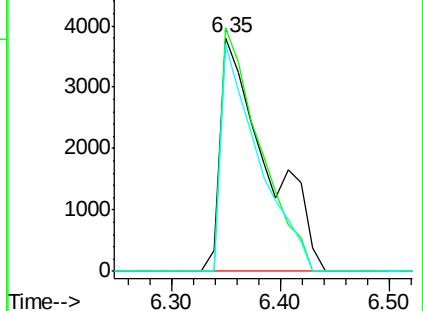
106 96.9 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 1.61 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

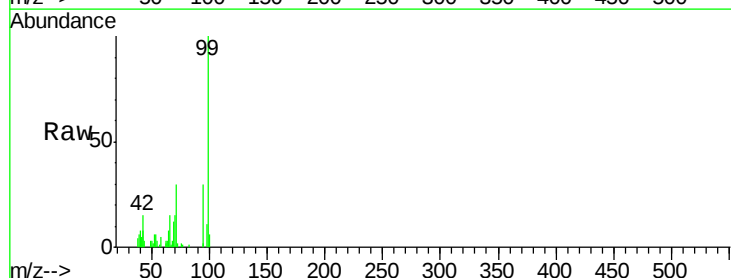
Tgt Ion: 94 Resp: 14555

Ion Ratio Lower Upper

94 100

65 27.3 8.6 48.6

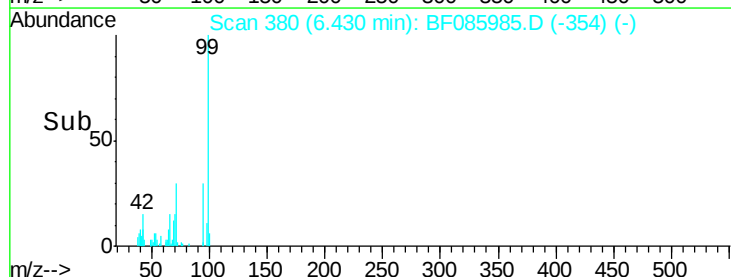
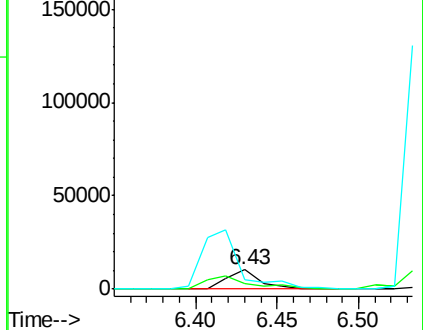
66 50.6 20.0 60.0

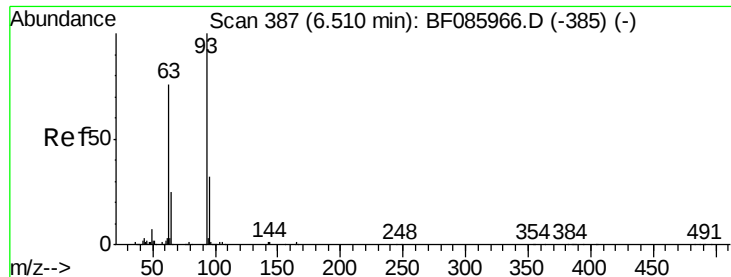


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

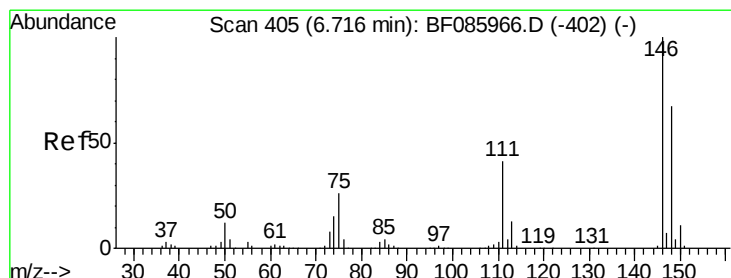
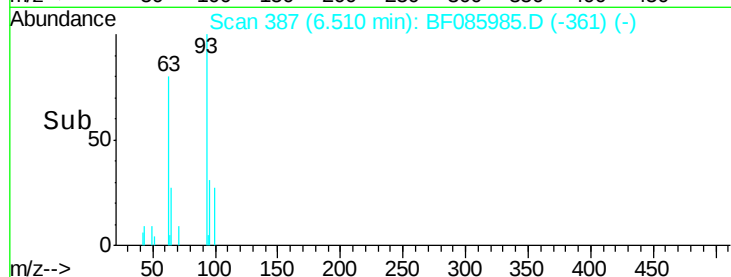
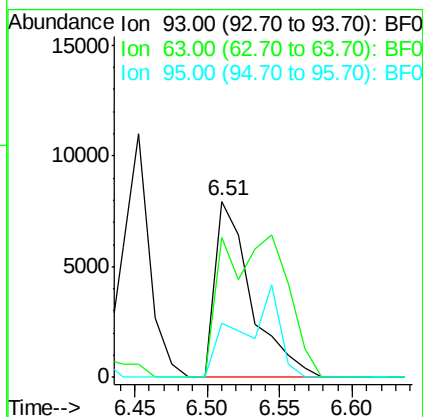
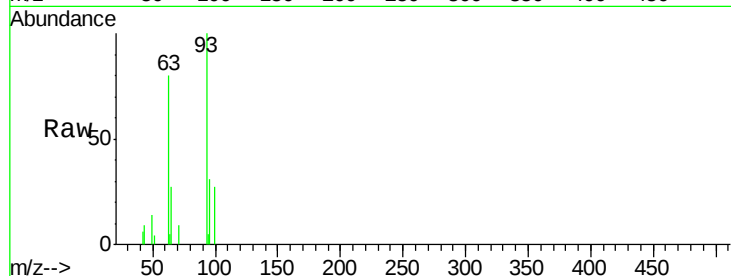




#11
bis(2-Chloroethyl)ether
Concen: 1.93 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

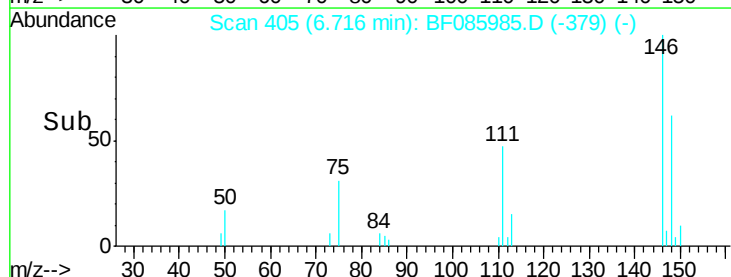
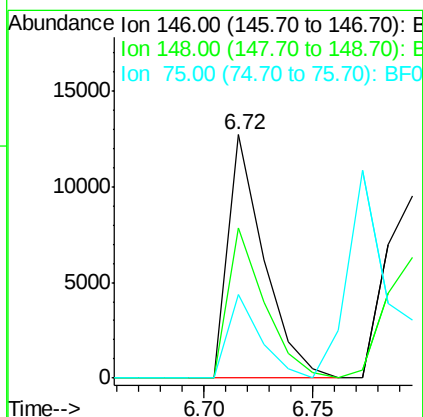
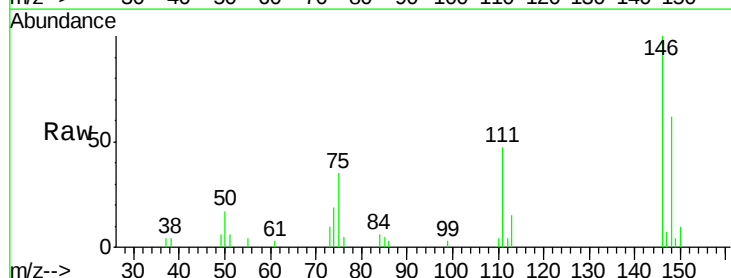
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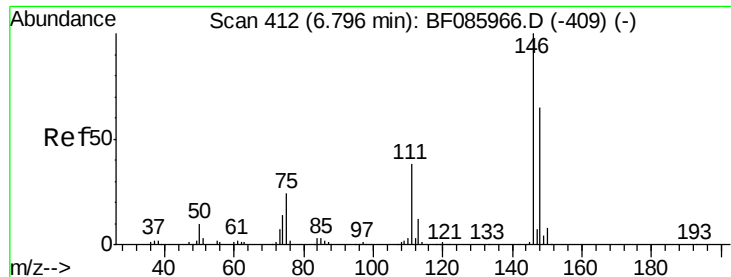
Tot Ion:	93	Resp:	13805
Ion	Ratio	Lower	Upper
93	100		
63	79.6	50.9	90.9
95	30.5	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 1.85 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF085985.D
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Tgt Ion:	146	Resp:	14586
Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.3	78.5
75	34.5	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 1.79 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

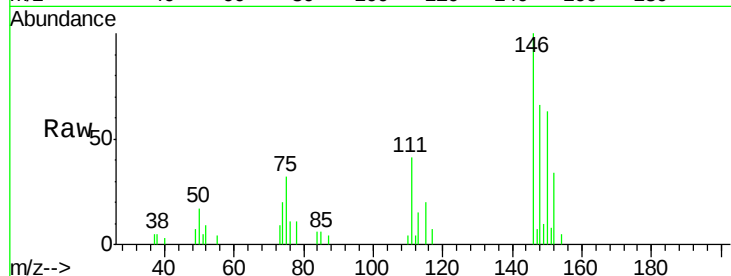
Tot Ion:146 Resp: 14580

Ion Ratio Lower Upper

146 100

148 66.1 50.6 76.0

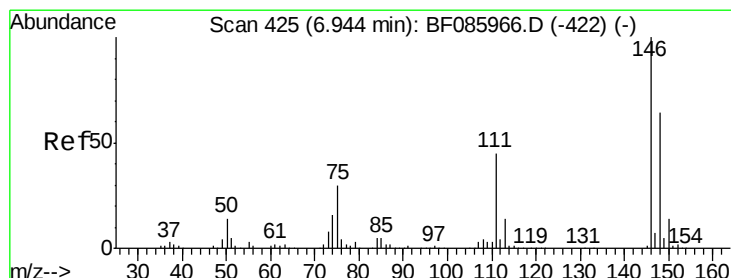
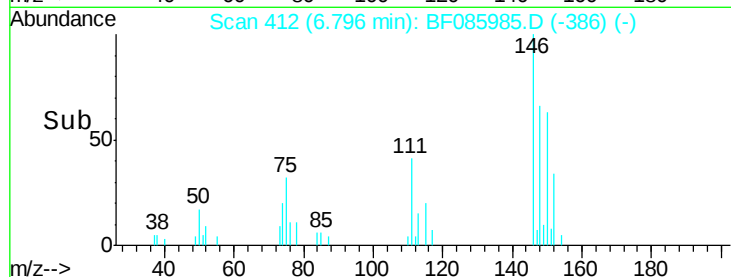
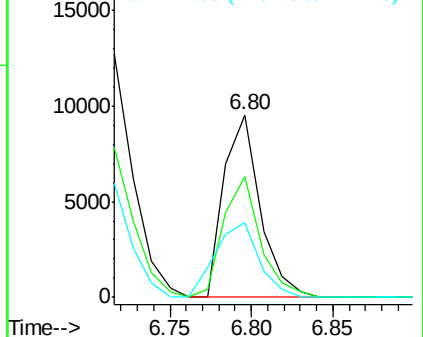
111 40.8 37.8 56.6



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: 1.74 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

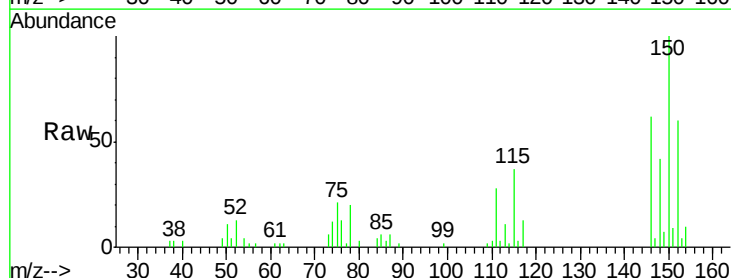
Tgt Ion:146 Resp: 13031

Ion Ratio Lower Upper

146 100

148 68.1 51.4 77.2

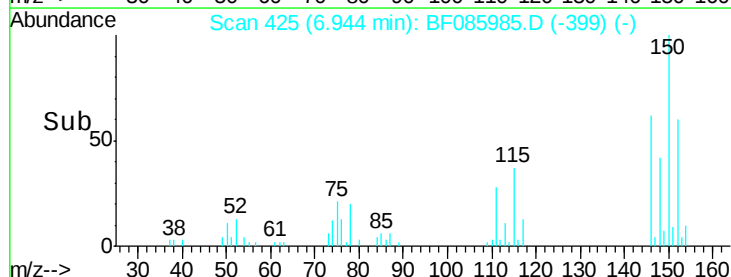
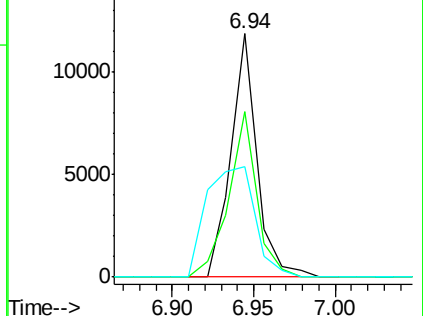
111 45.2 34.6 52.0

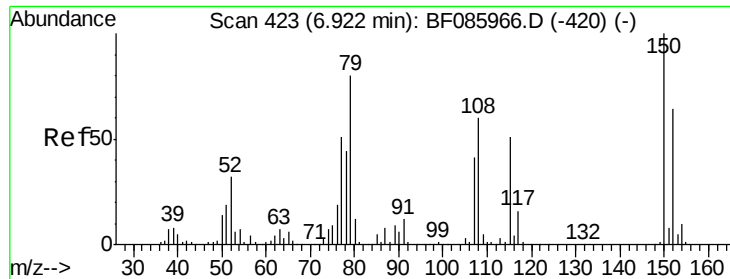


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

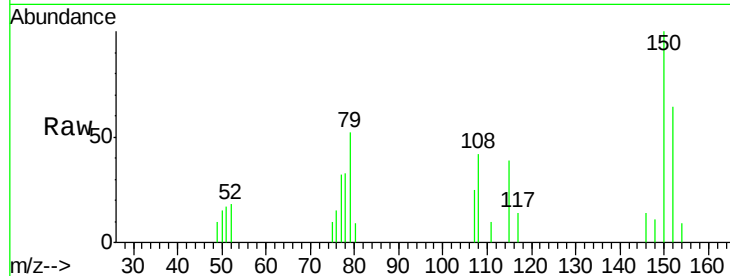




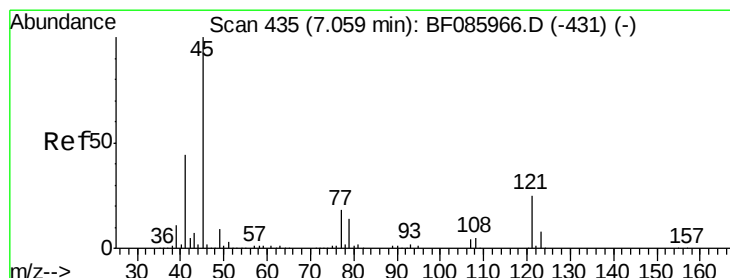
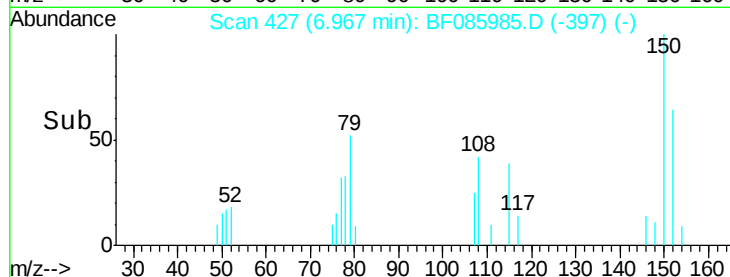
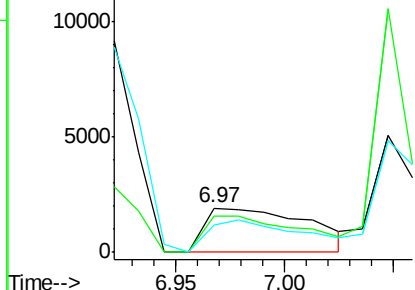
#15
Benzyl Alcohol
Concen: 1.23 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.05 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion: 79 Resp: 6335
Ion Ratio Lower Upper
79 100
108 80.4 61.8 92.6
77 62.8 49.6 74.4

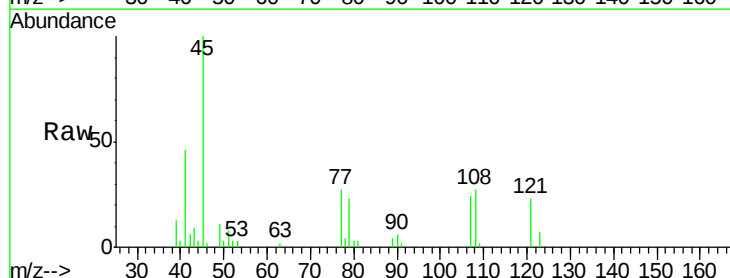


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

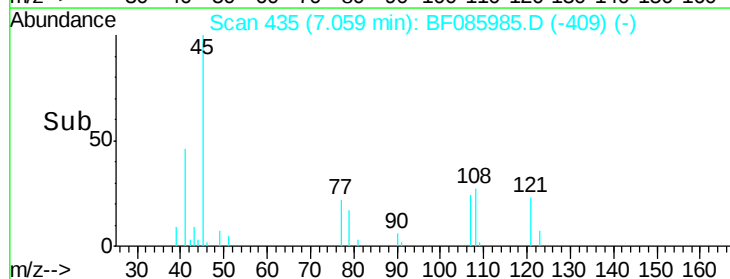
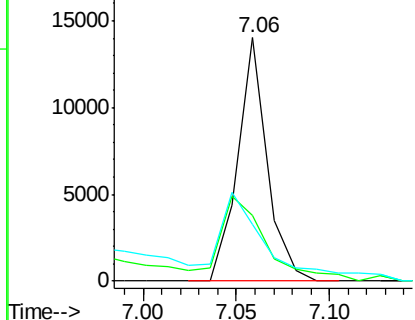


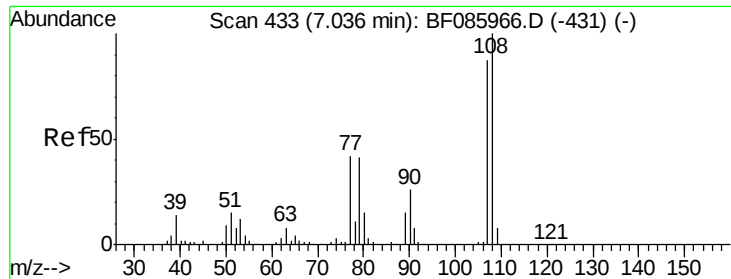
#16
2,2'-oxybis(1-chloropropane)
Concen: 1.76 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion: 45 Resp: 15424
Ion Ratio Lower Upper
45 100
77 27.0 0.0 35.7
79 23.1 0.0 32.2



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

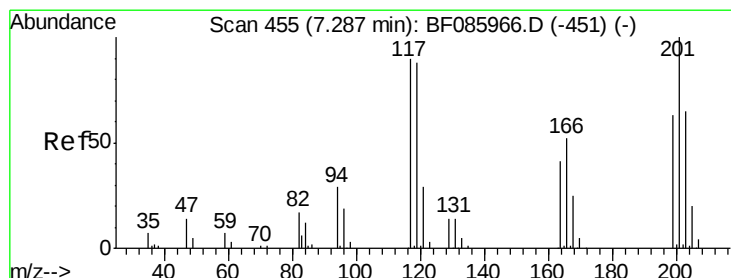
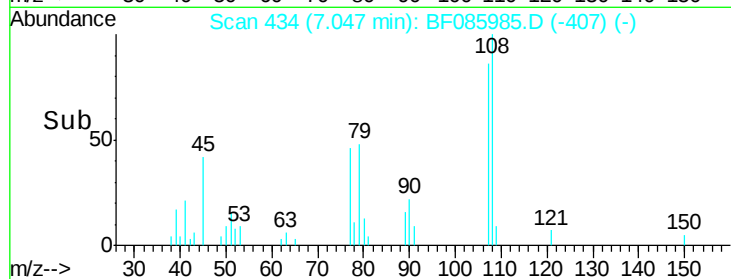
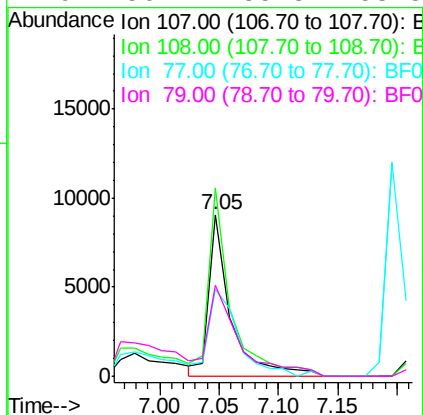
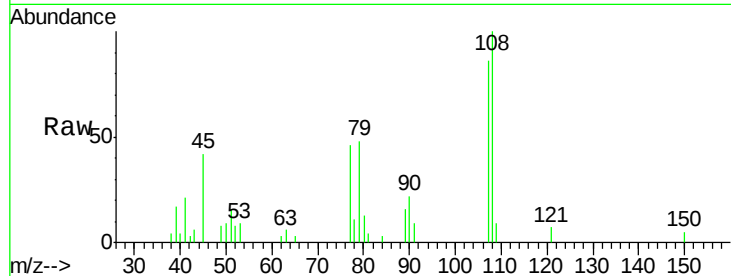




#17
2-Methylphenol
Concen: 1.98 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

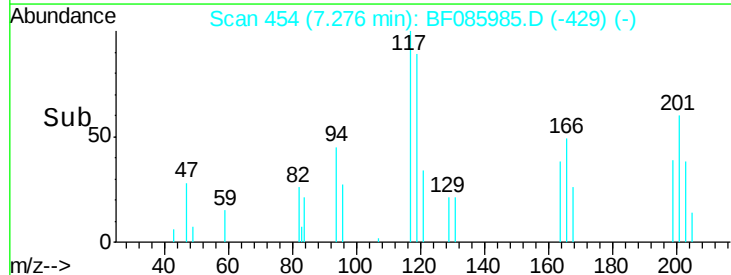
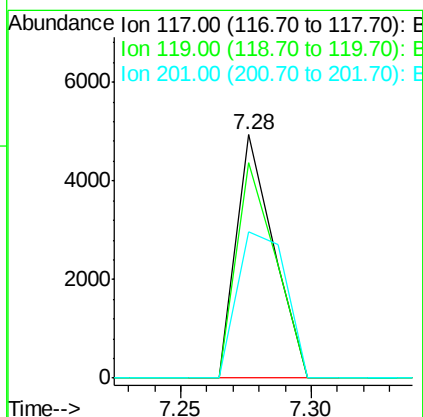
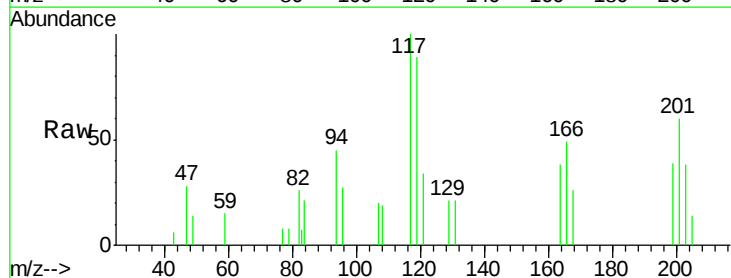
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

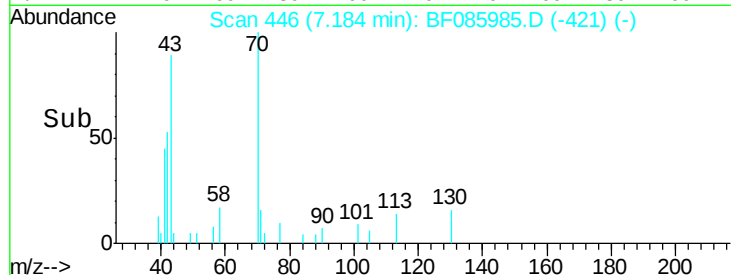
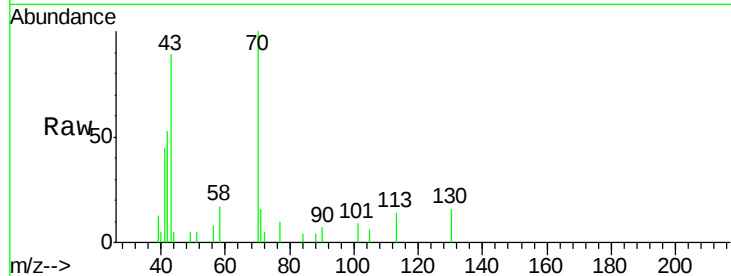
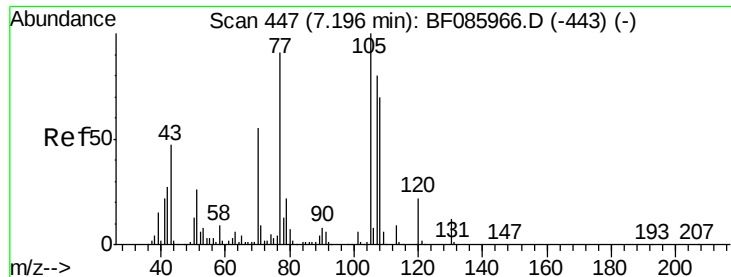
Tot Ion:107 Resp: 11615
Ion Ratio Lower Upper
107 100
108 116.4 91.4 137.0
77 53.7 36.2 54.2
79 56.2 35.8 53.8#



#18
Hexachloroethane
Concen: 1.65 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:117 Resp: 4951
Ion Ratio Lower Upper
117 100
119 88.6 76.7 115.1
201 60.1 83.3 124.9#

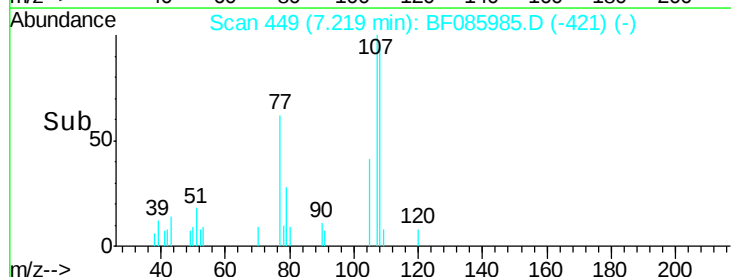
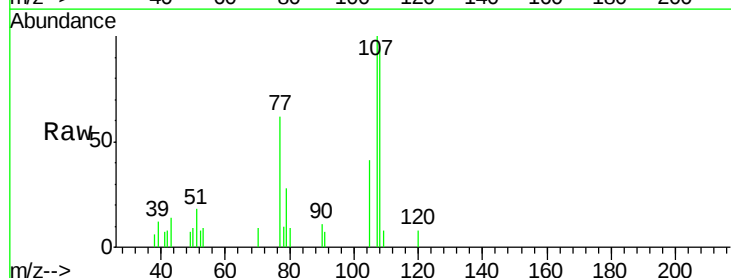
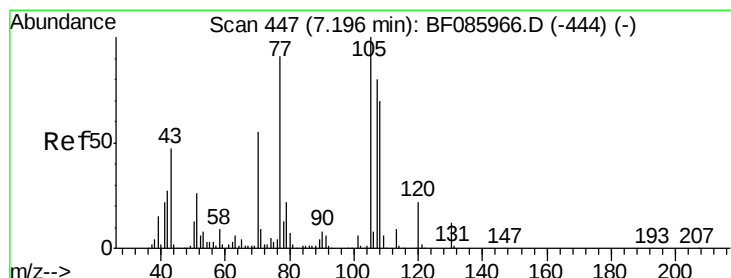
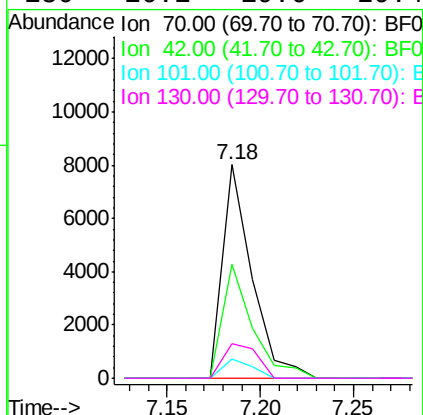




#19
n-Nitroso-di-n-propylamine
Concen: 1.79 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

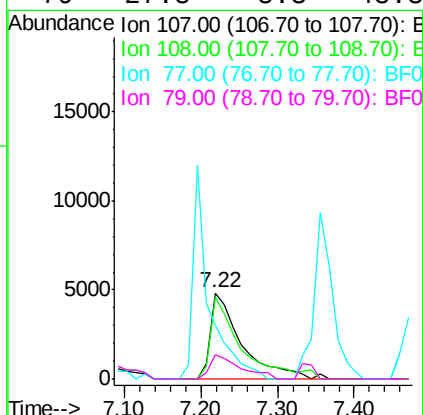
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

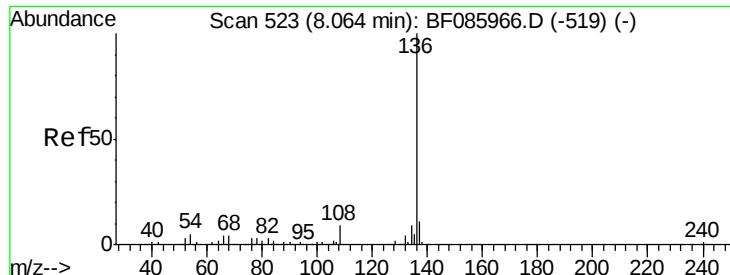
Tot Ion: 70 Resp: 8803
Ion Ratio Lower Upper
70 100
42 53.2 37.1 55.7
101 8.9 8.6 12.8
130 16.1 19.6 29.4#



#20
3+4-Methylphenols
Concen: 1.92 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:107 Resp: 13711
Ion Ratio Lower Upper
107 100
108 95.4 69.3 109.3
77 62.4 101.7 141.7#
79 27.8 8.3 48.3

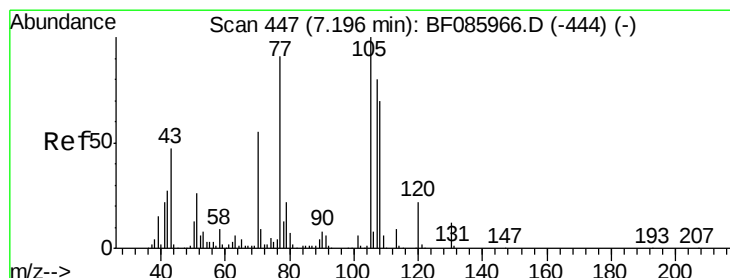
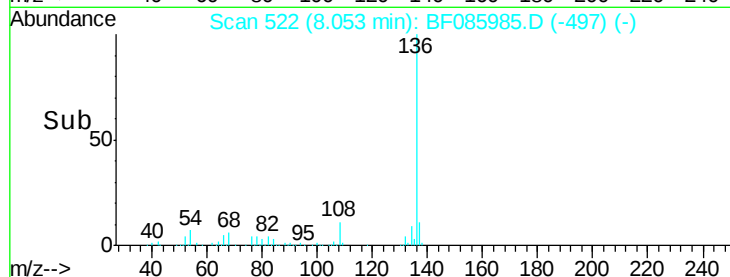
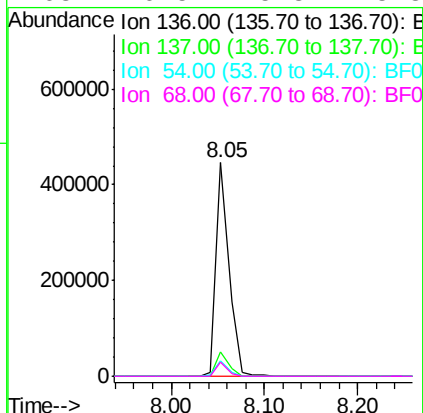
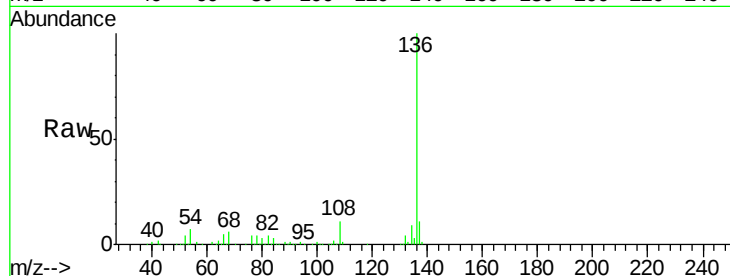




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

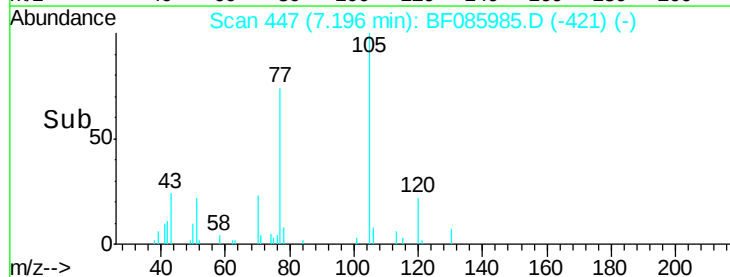
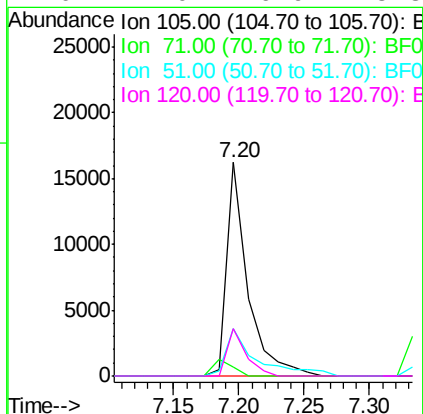
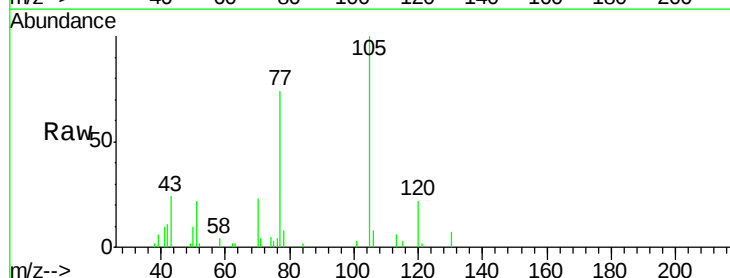
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

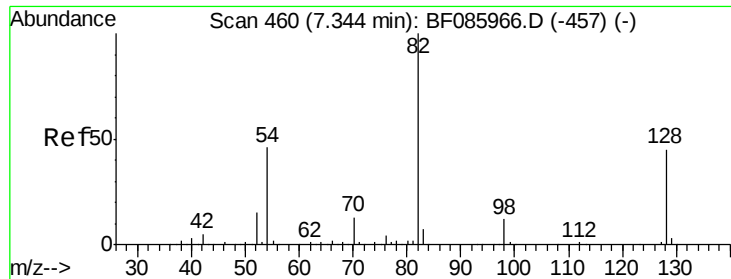
Tot Ion:136	Resp:	429469
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	7.4	7.4 11.0
68	6.5	5.8 8.8



#22
Acetophenone
Concen: 1.81 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:105	Resp:	18272
Ion Ratio	Lower	Upper
105	100	
71	4.4	3.6 5.4
51	22.5	25.4 38.0#
120	22.0	16.9 25.3

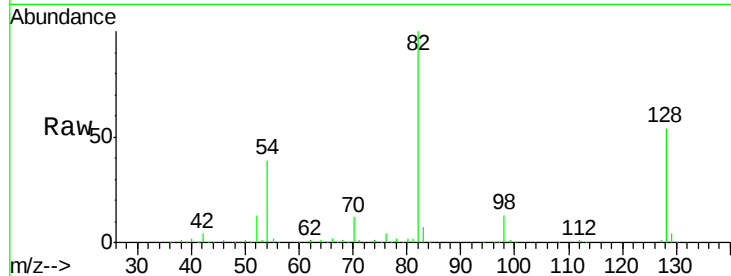




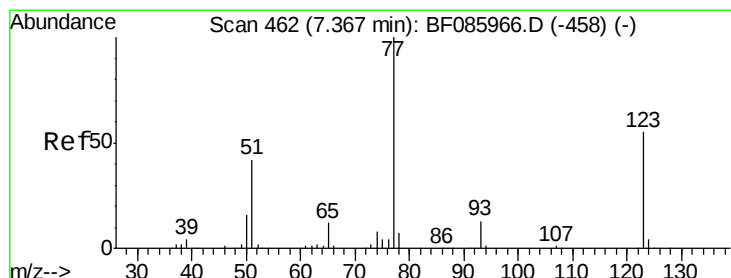
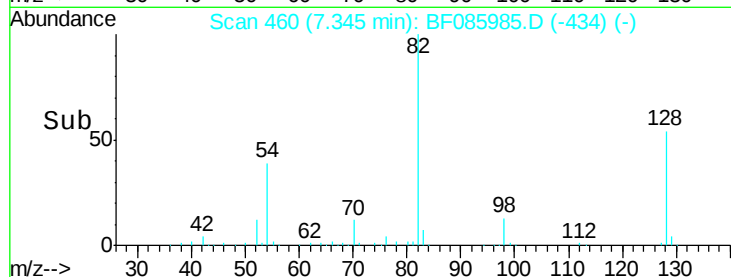
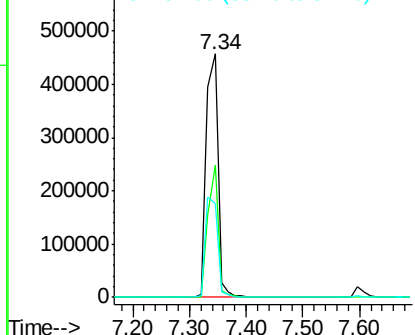
#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion: 82 Resp: 623970
 Ion Ratio Lower Upper
 82 100
 128 54.2 41.8 62.8
 54 38.5 33.4 50.0

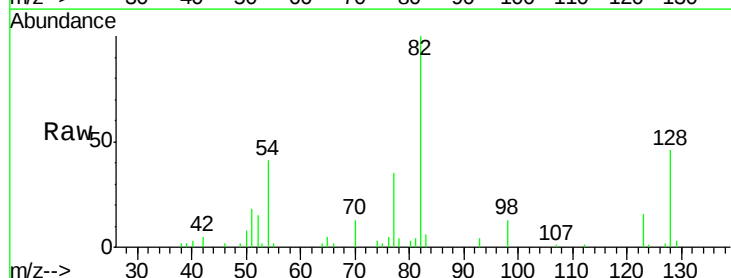


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

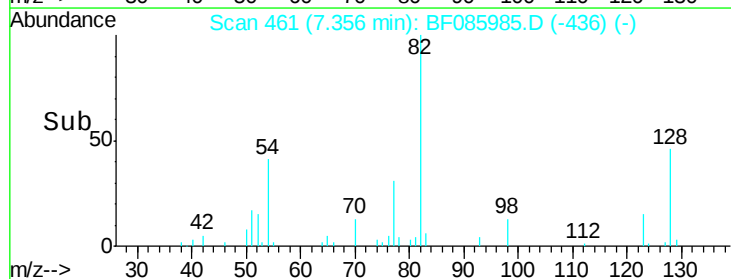
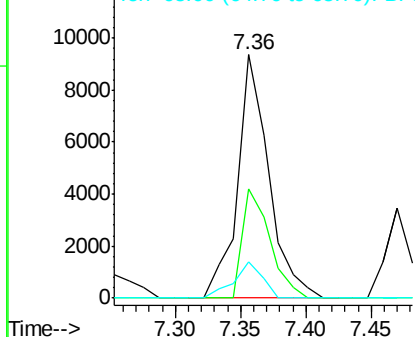


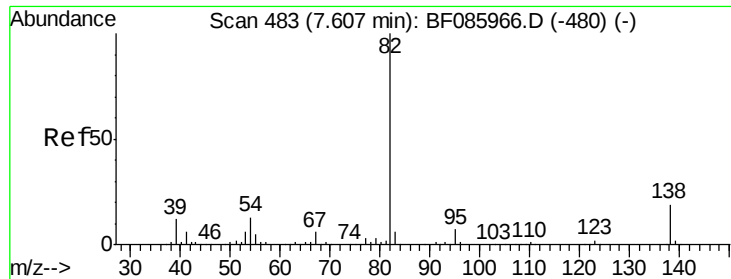
#24
 Nitrobenzene
 Concen: 1.95 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion: 77 Resp: 15535
 Ion Ratio Lower Upper
 77 100
 123 44.6 35.0 52.4
 65 14.9 10.6 16.0



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





#25

Isophorone

Concen: 1.77 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

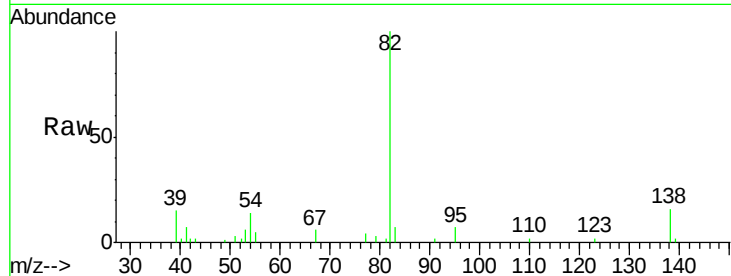
Tot Ion: 82 Resp: 25434

Ion Ratio Lower Upper

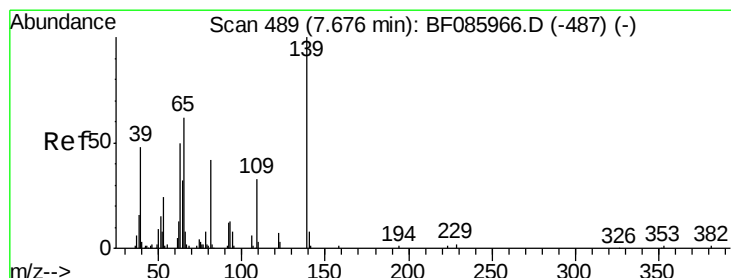
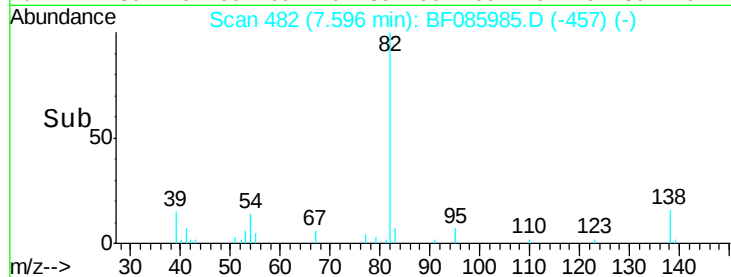
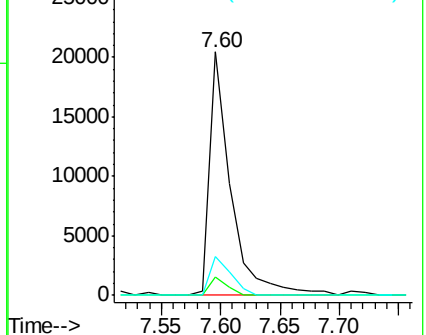
82 100

95 7.5 5.4 8.2

138 15.8 12.9 19.3



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



#26

2-Nitrophenol

Concen: 1.30 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.02 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

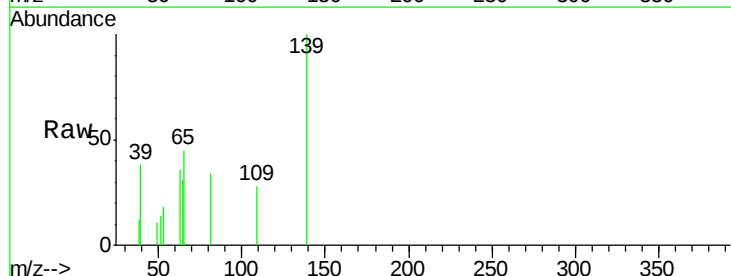
Tgt Ion:139 Resp: 4948

Ion Ratio Lower Upper

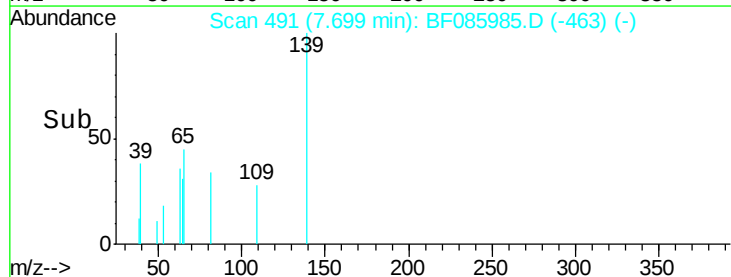
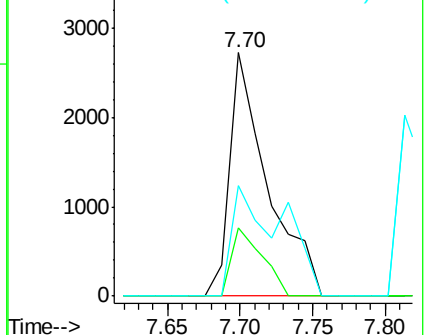
139 100

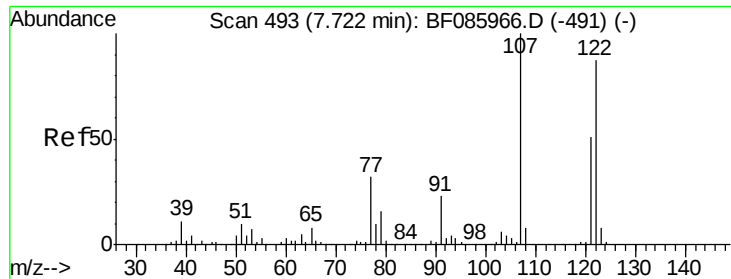
109 27.8 22.1 33.1

65 45.3 33.9 50.9



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

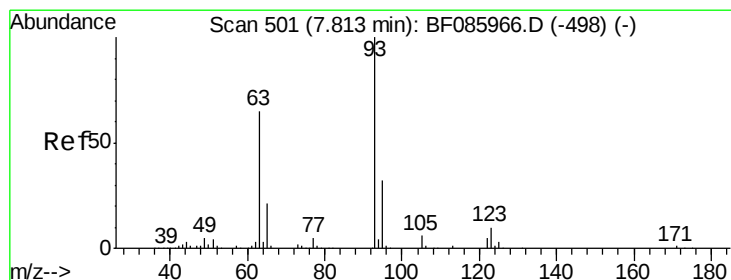
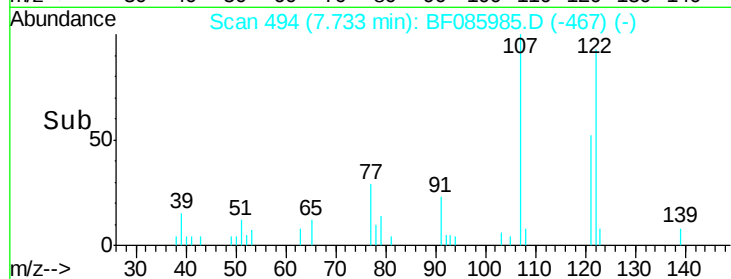
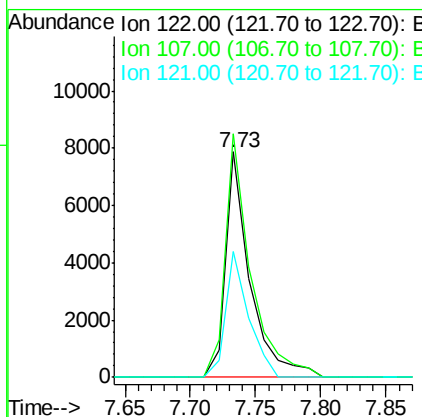
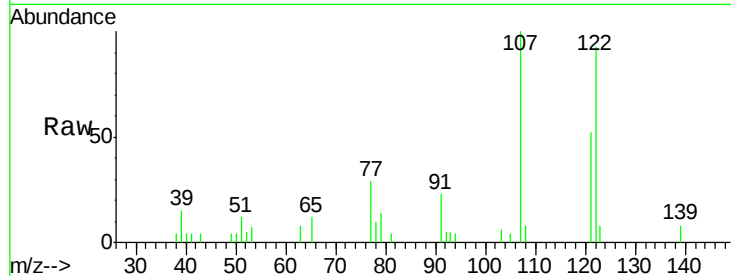




#27
 2,4-Dimethylphenol
 Concen: 1.49 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

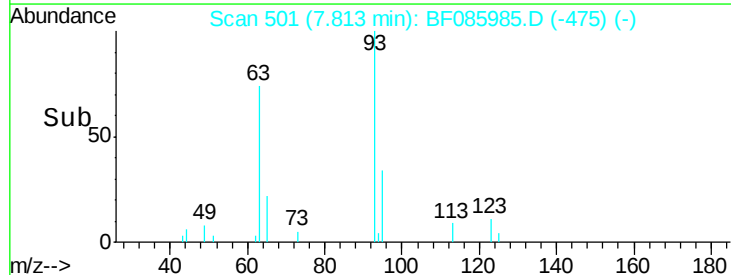
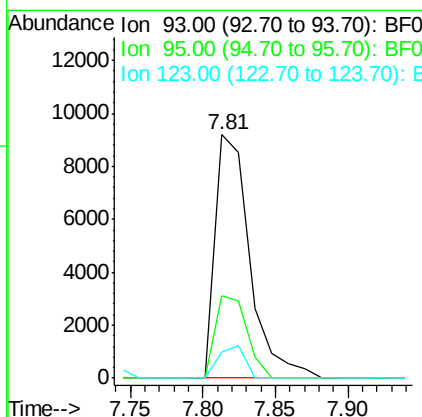
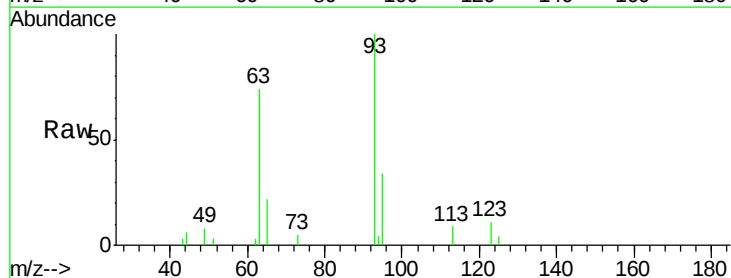
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

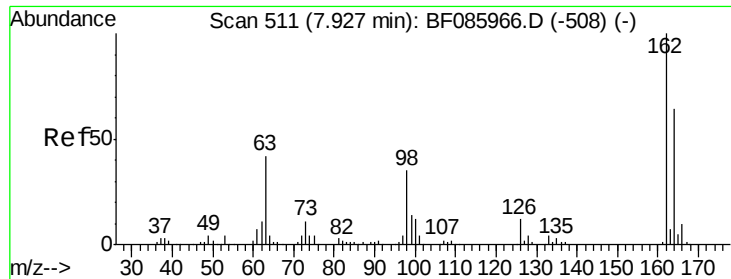
Tot Ion:122 Resp: 10220
 Ion Ratio Lower Upper
 122 100
 107 108.0 93.0 139.6
 121 56.1 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.81 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion: 93 Resp: 15253
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.4 39.6
 123 10.5 9.8 14.6

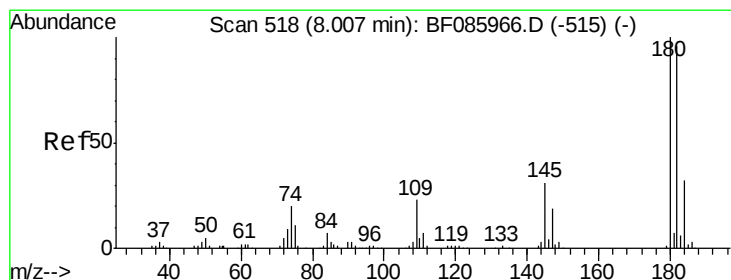
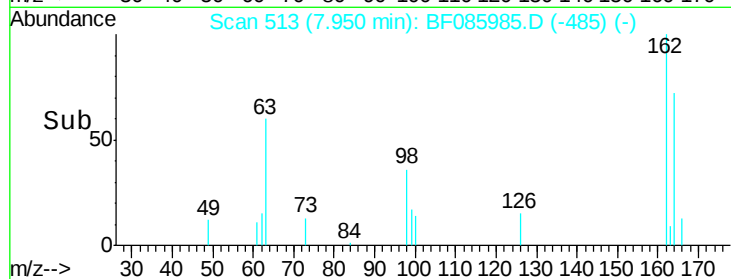
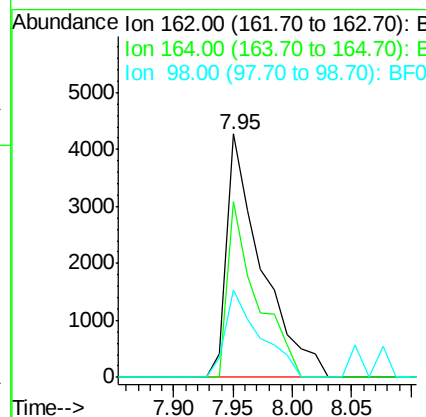
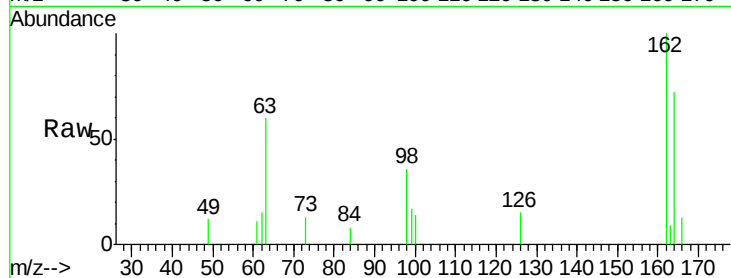




#29
 2,4-Dichlorophenol
 Concen: 1.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

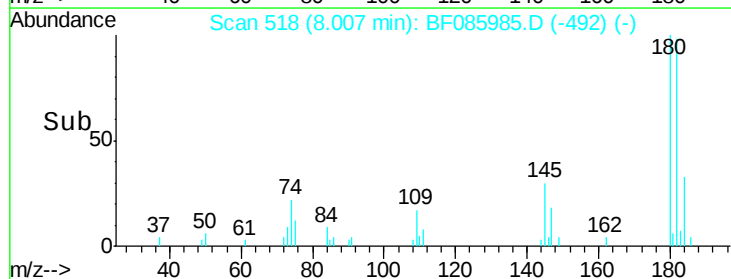
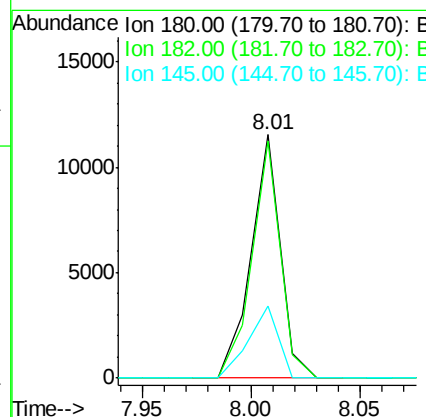
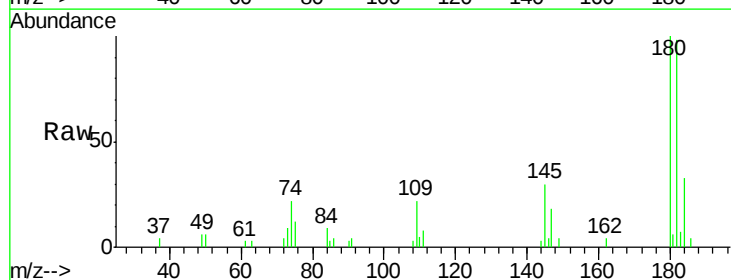
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

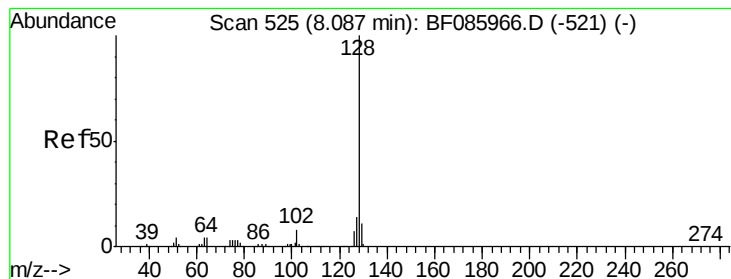
Tot Ion:162 Resp: 8730
 Ion Ratio Lower Upper
 162 100
 164 72.0 43.7 83.7
 98 36.1 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 1.66 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:180 Resp: 10756
 Ion Ratio Lower Upper
 180 100
 182 97.5 73.8 110.8
 145 29.5 28.4 42.6





#31

Naphthalene

Concen: 1.81 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

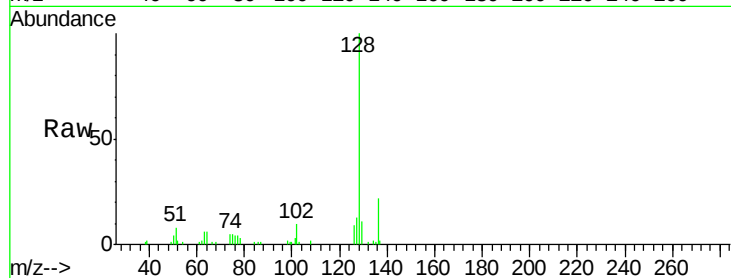
Tot Ion:128 Resp: 39120

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

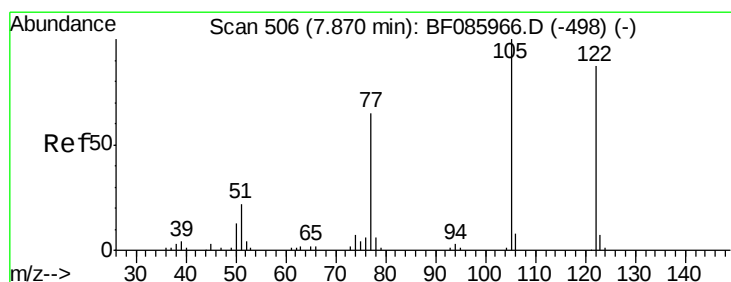
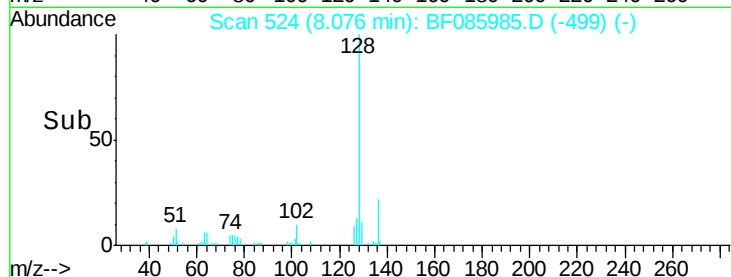
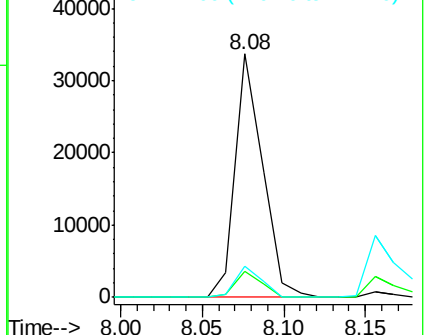
127 13.0 11.0 16.6



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: 2.03 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.14 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

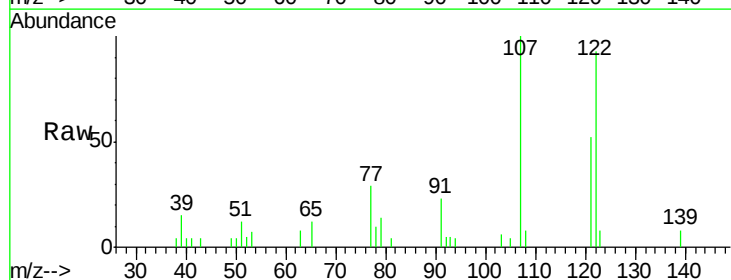
Tgt Ion:122 Resp: 10220

Ion Ratio Lower Upper

122 100

105 4.4 102.9 142.9#

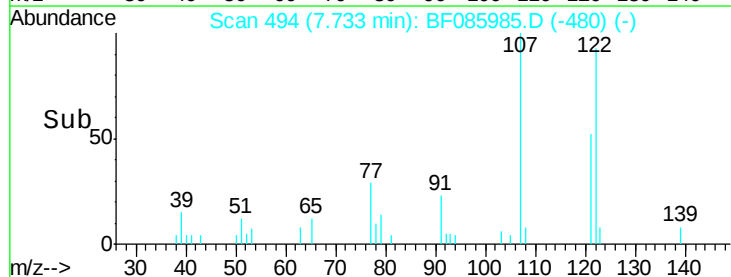
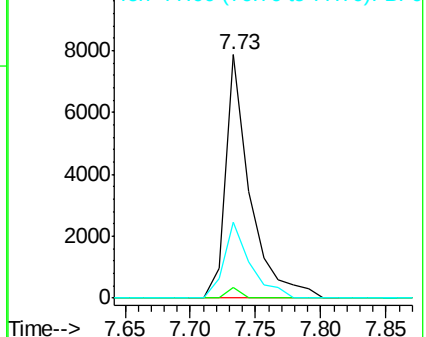
77 31.0 71.8 111.8#

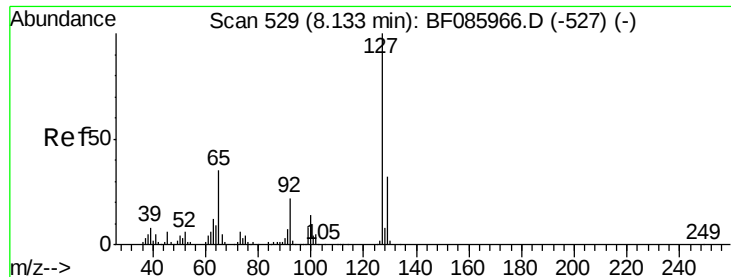


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

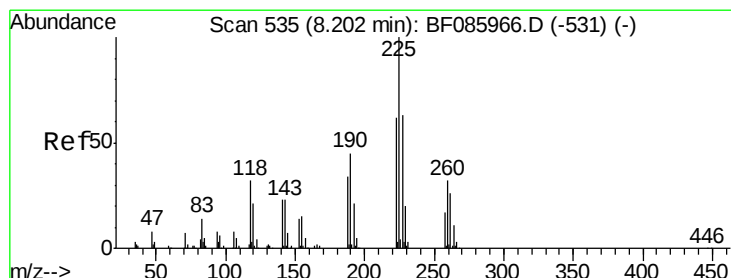
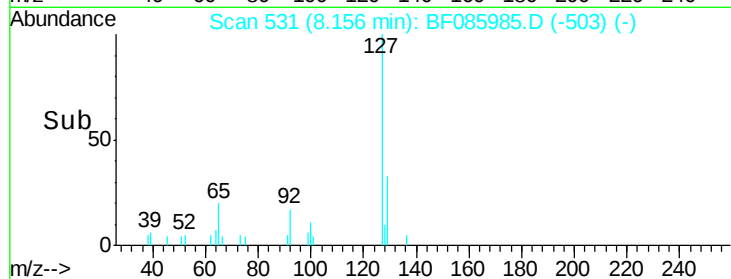
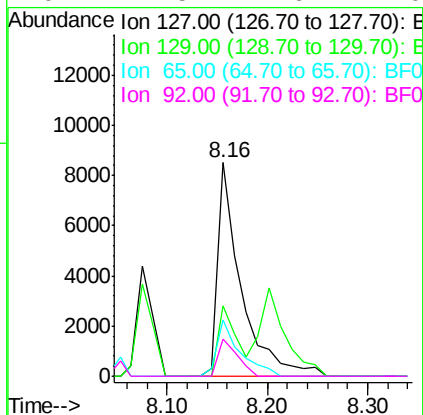
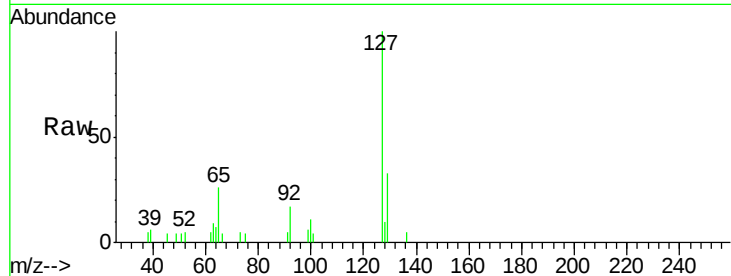




#33
4-Chloroaniline
Concen: 1.58 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

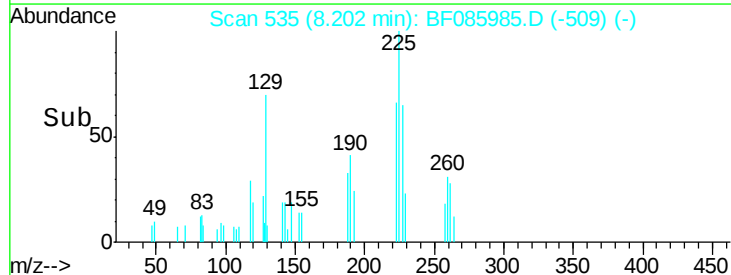
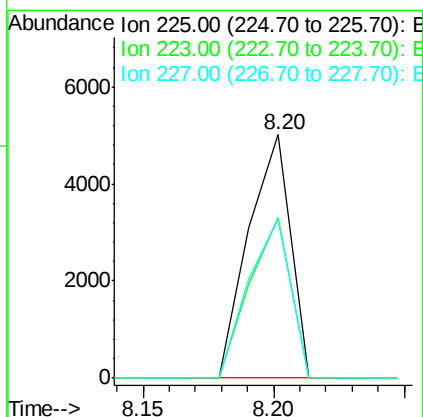
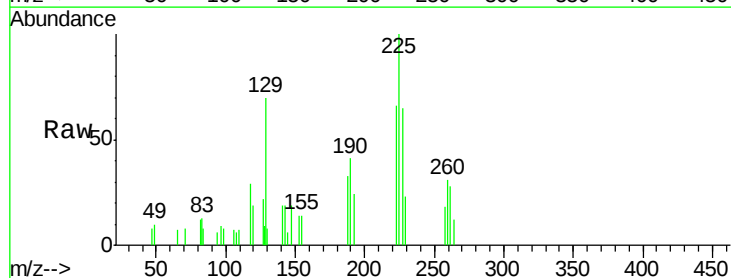
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

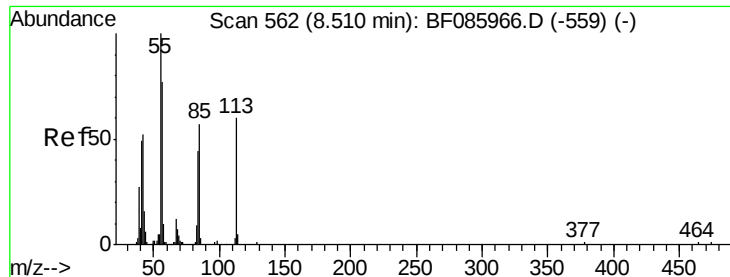
Tot Ion:127	Resp:	13768
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.1 39.1
65	26.5	19.5 29.3
92	17.5	14.6 22.0



#34
Hexachlorobutadiene
Concen: 1.59 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:225	Resp:	5554
Ion Ratio	Lower	Upper
225	100	
223	65.7	50.4 75.6
227	65.3	51.4 77.2





#35

Caprolactam

Concen: 1.19 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

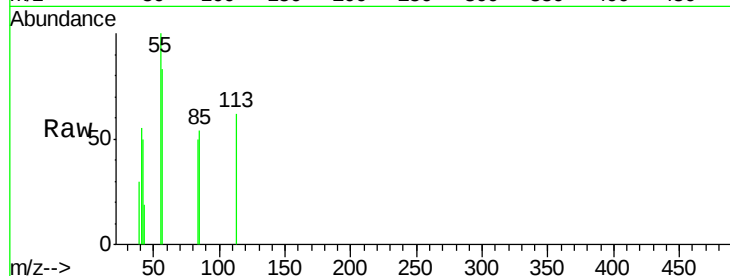
Tot Ion:113 Resp: 2186

Ion Ratio Lower Upper

113 100

55 160.7 139.4 179.4

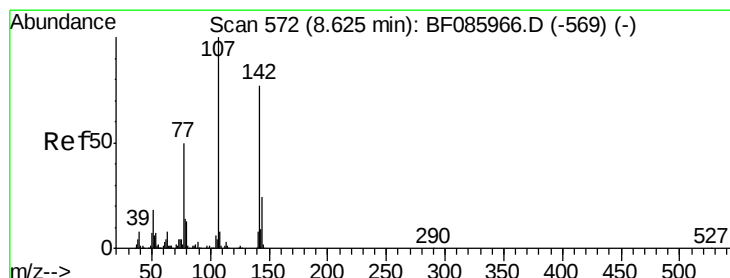
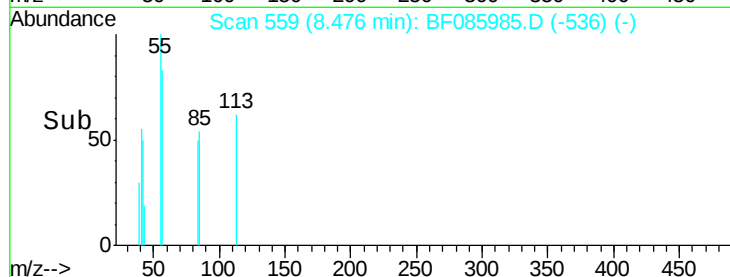
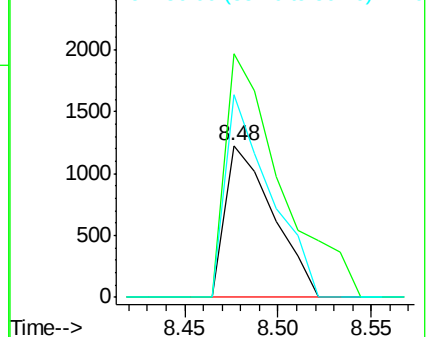
56 134.2 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 1.47 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

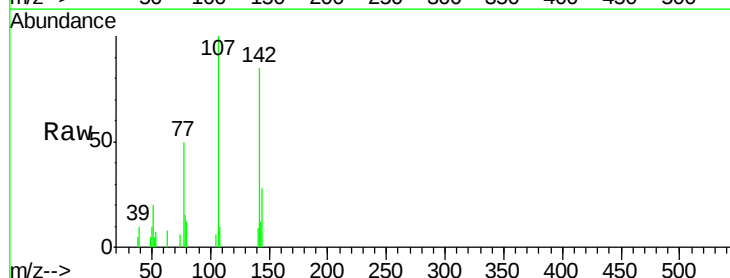
Tgt Ion:107 Resp: 9585

Ion Ratio Lower Upper

107 100

144 27.8 19.3 28.9

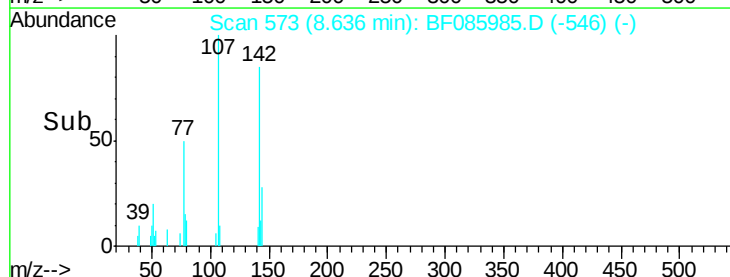
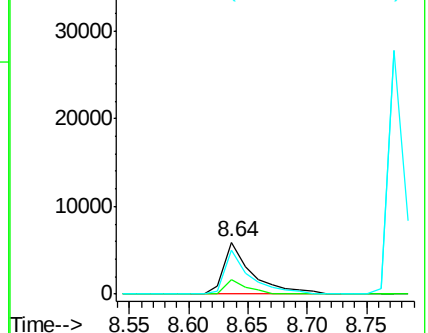
142 84.7 61.4 92.0

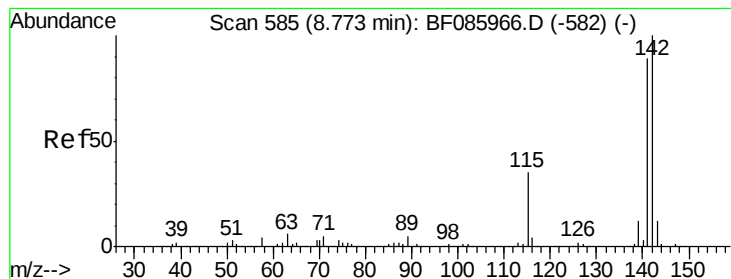


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

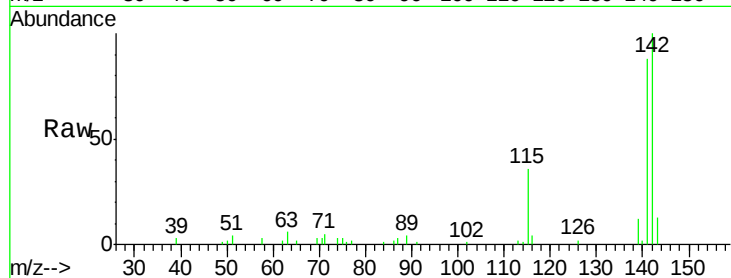




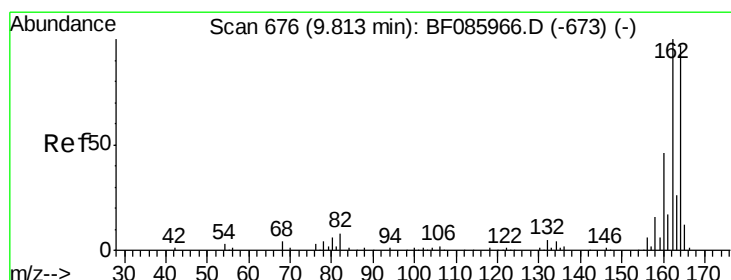
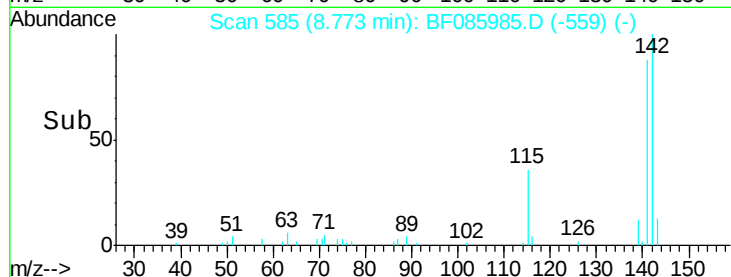
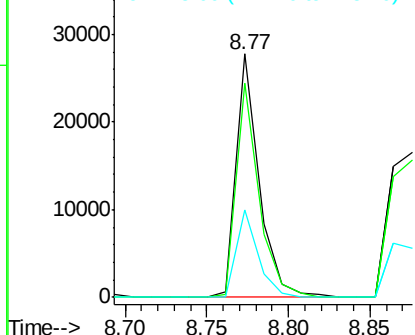
#37
2-Methylnaphthalene
Concen: 1.90 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:142 Resp: 26786
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 35.9 26.8 40.2

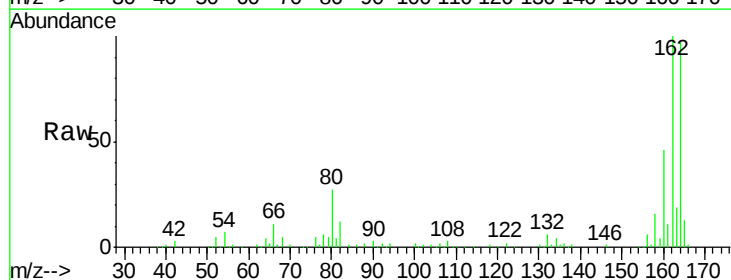


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

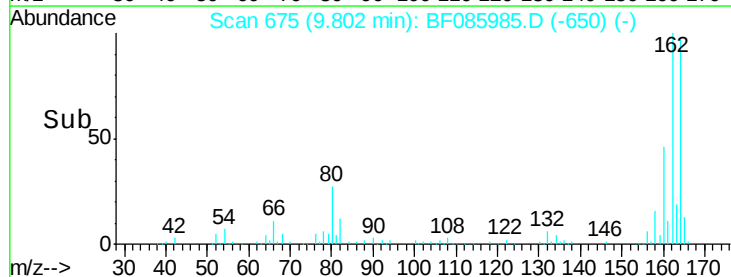
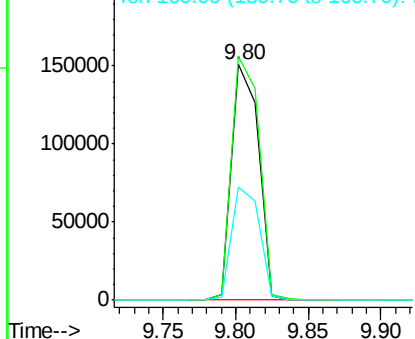


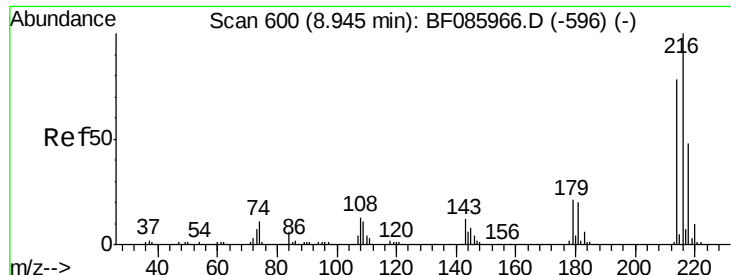
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:164 Resp: 195276
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 47.9 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

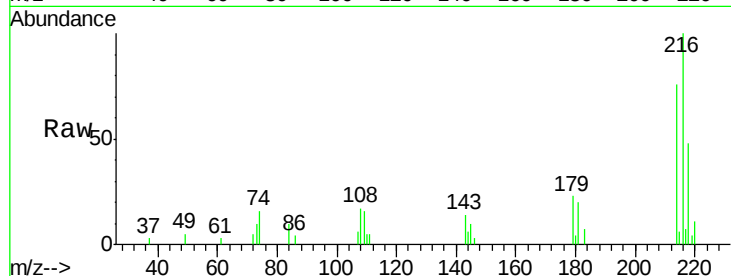




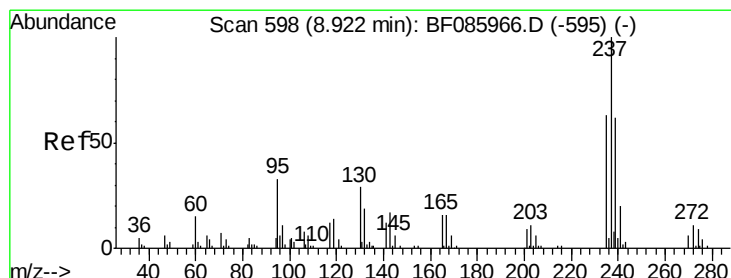
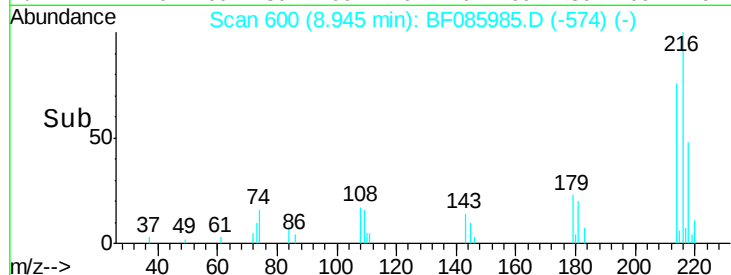
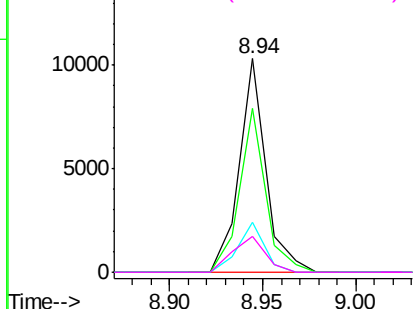
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.75 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:	216	Resp:	10247
Ion	Ratio	Lower	Upper
216	100		
214	75.5	63.1	94.7
179	23.6	18.2	27.2
108	20.7	17.3	25.9

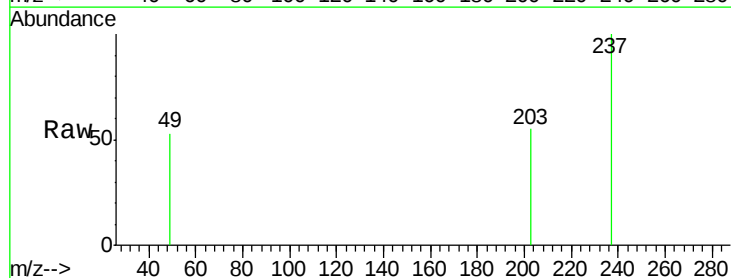


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

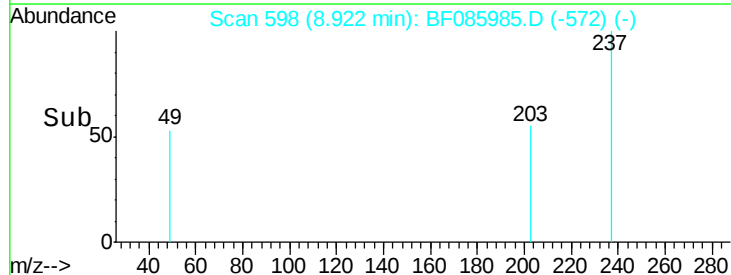
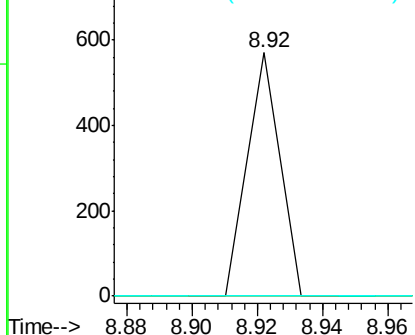


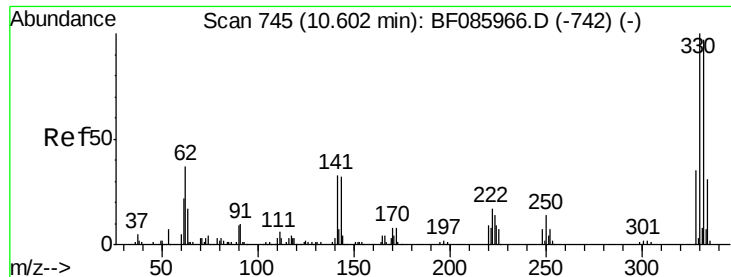
#40
 Hexachlorocyclopentadiene
 Concen: 5.63 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:	237	Resp:	392
Ion	Ratio	Lower	Upper
237	100		
235	0.0	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

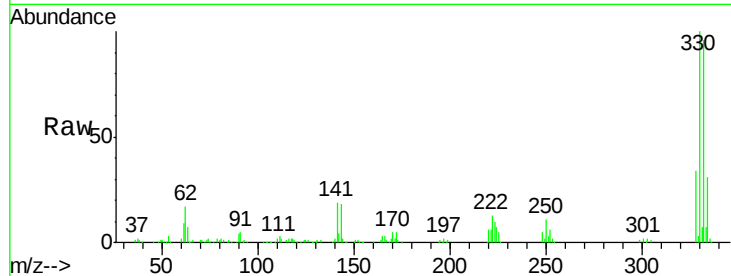




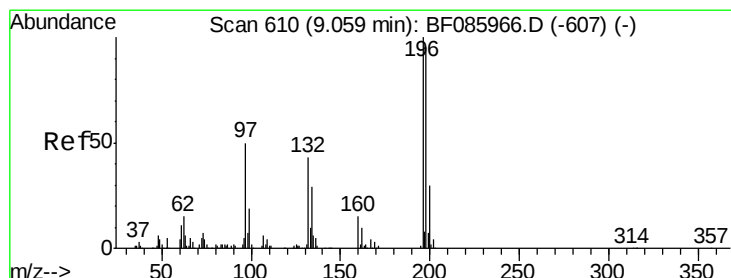
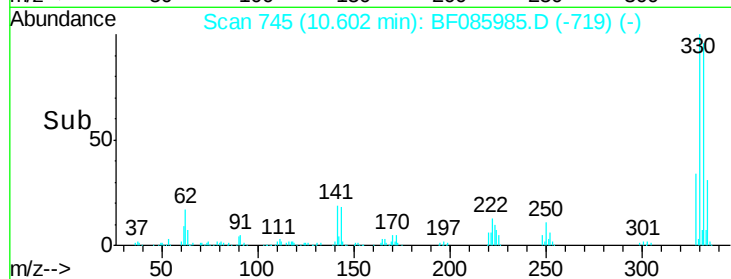
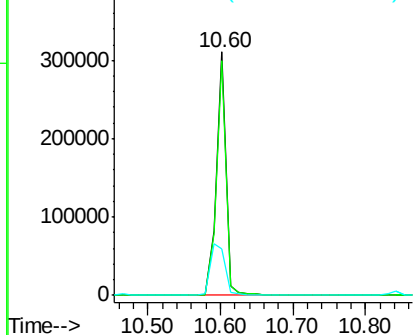
#41
 2,4,6-Tribromophenol
 Concen: 156.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:330 Resp: 286943
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 31.9 31.5 47.3

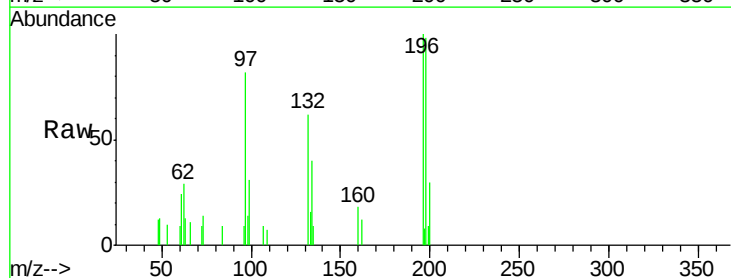


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

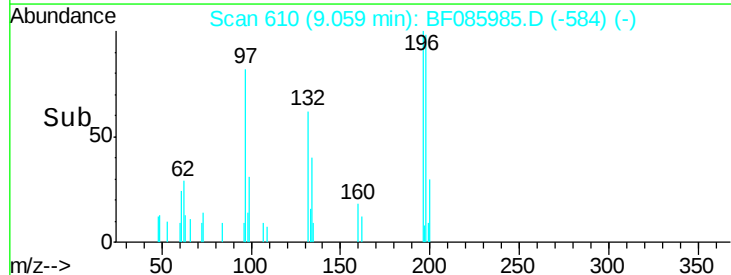
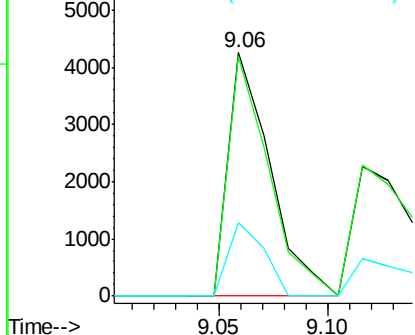


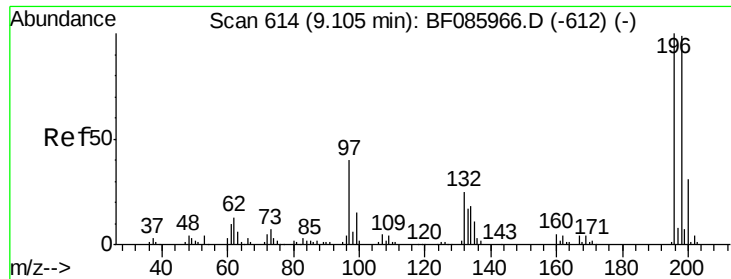
#42
 2,4,6-Trichlorophenol
 Concen: 1.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:196 Resp: 5696
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.3 112.9
 200 30.1 23.7 35.5



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

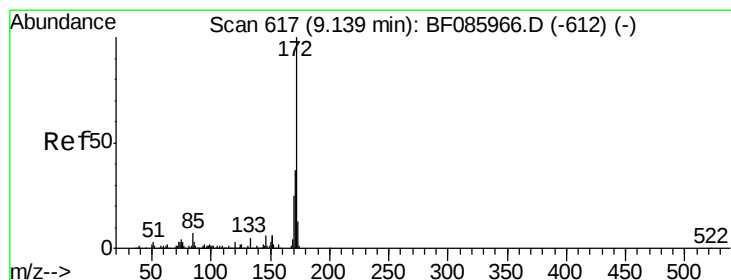
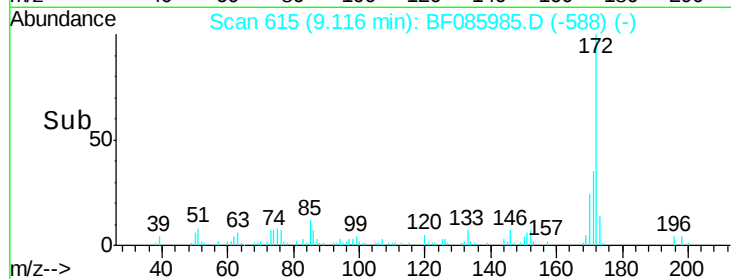
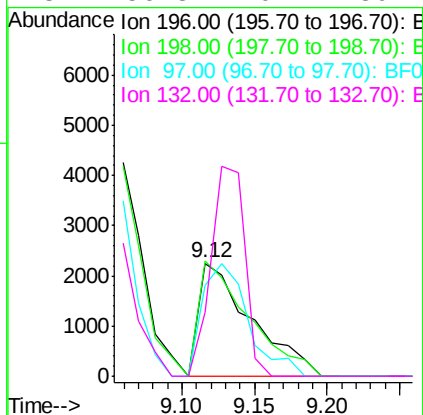
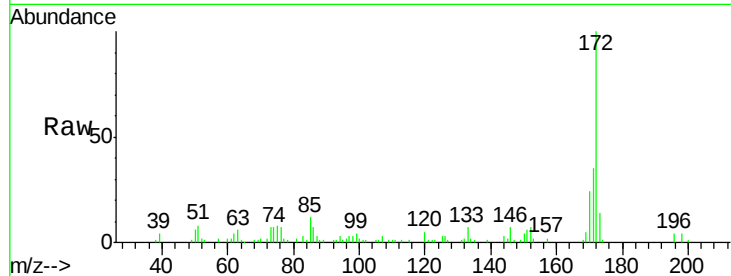




#43
 2,4,5-Trichlorophenol
 Concen: 1.49 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

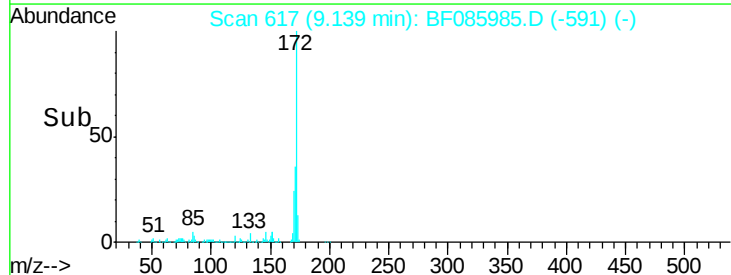
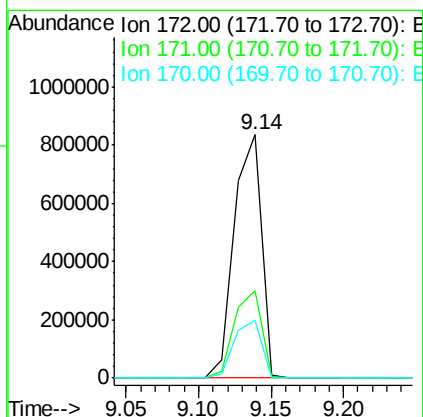
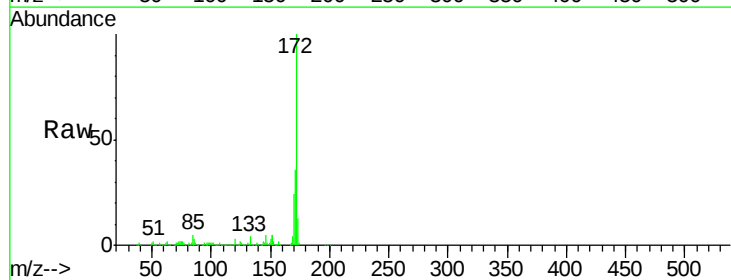
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

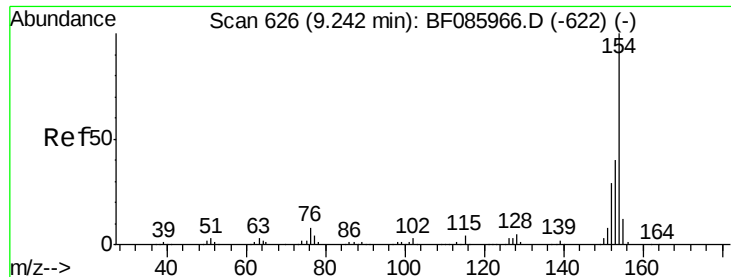
Tot Ion:196 Resp: 5694
 Ion Ratio Lower Upper
 196 100
 198 101.6 76.6 114.8
 97 80.6 30.5 45.7#
 132 56.8 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:172 Resp: 1093003
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 23.9 19.8 29.6

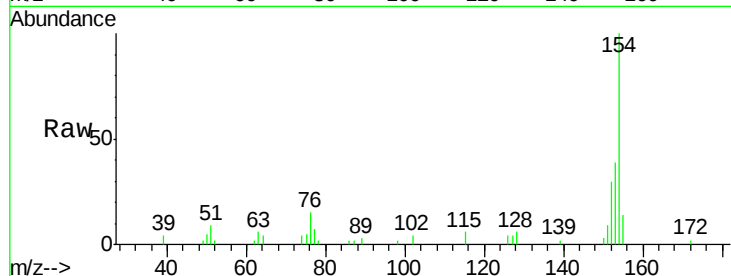




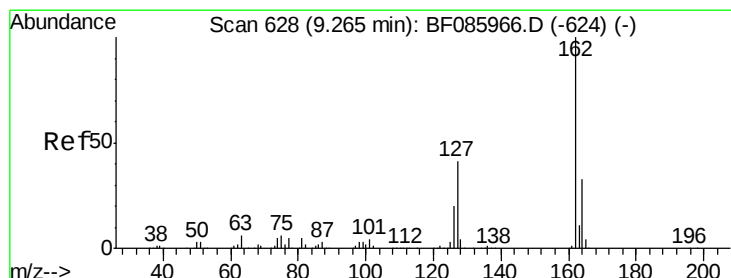
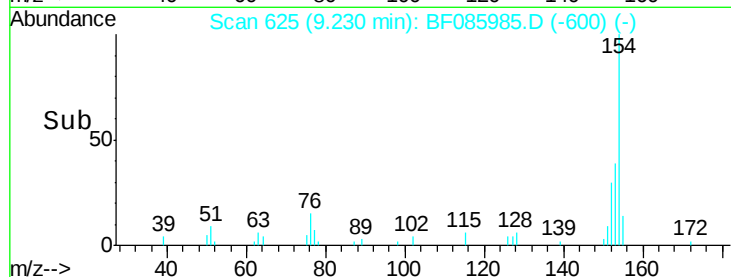
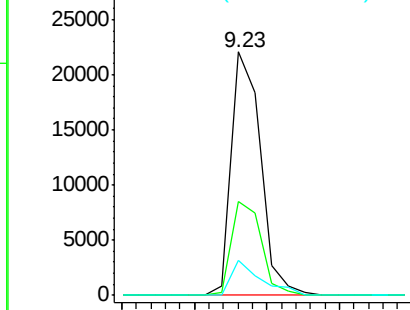
#45
 1,1'-Biphenyl
 Concen: 1.84 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:154 Resp: 30991
 Ion Ratio Lower Upper
 154 100
 153 38.7 20.8 60.8
 76 14.6 0.0 36.7

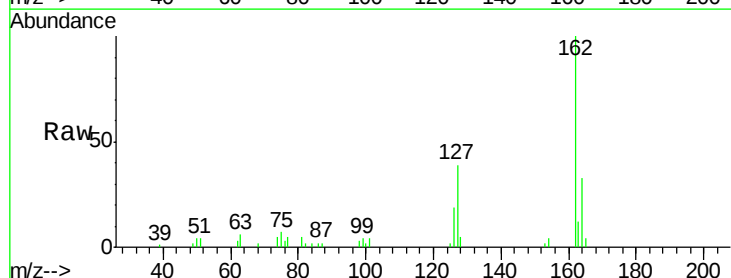


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

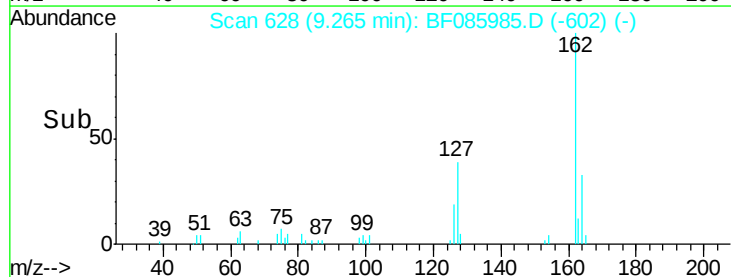
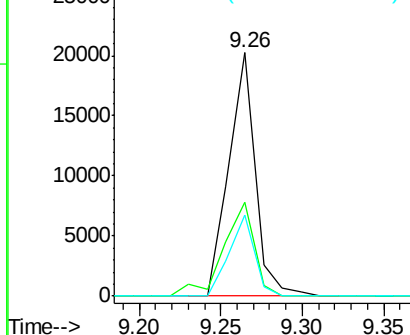


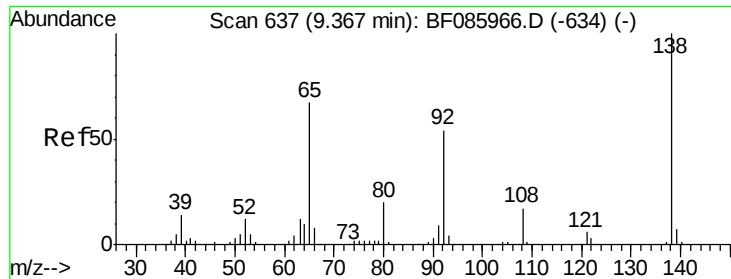
#46
 2-Chloronaphthalene
 Concen: 1.85 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:162 Resp: 22578
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.7 47.5
 164 33.3 27.3 40.9



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

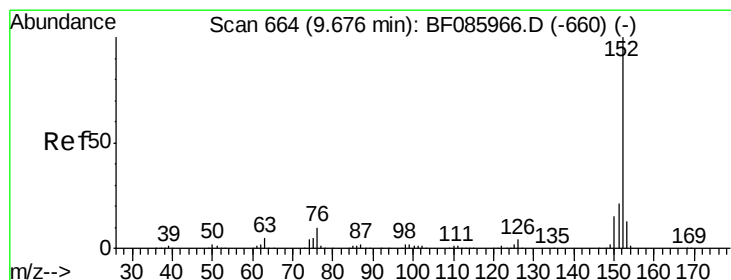
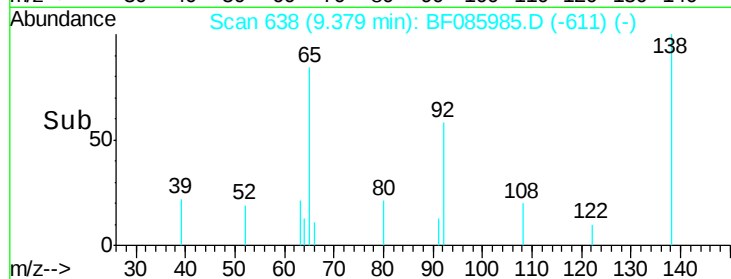
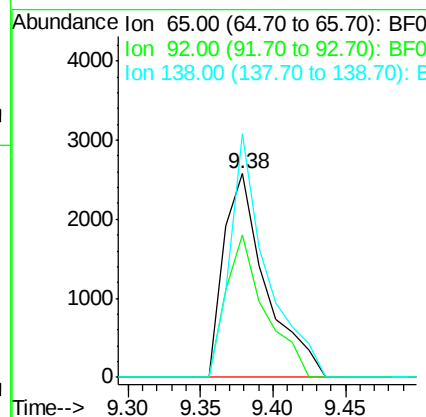
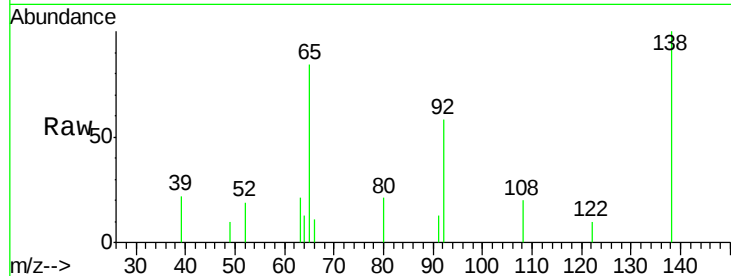




#47
 2-Nitroaniline
 Concen: 1.45 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

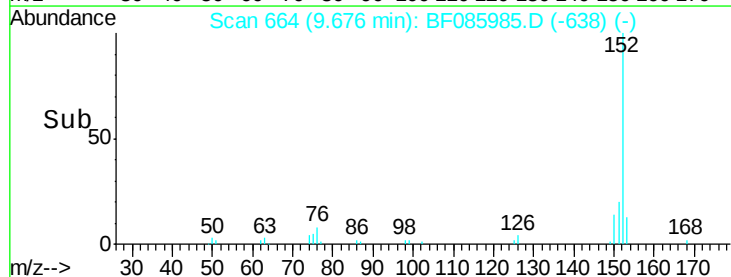
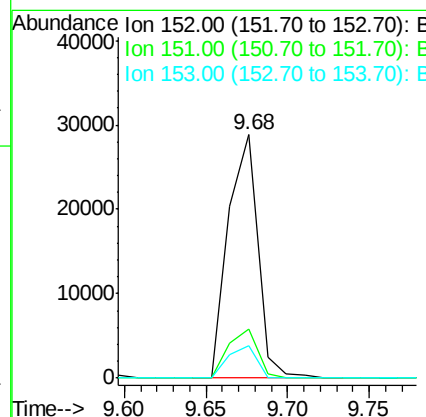
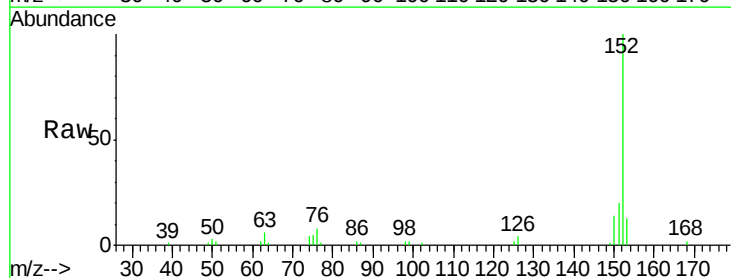
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

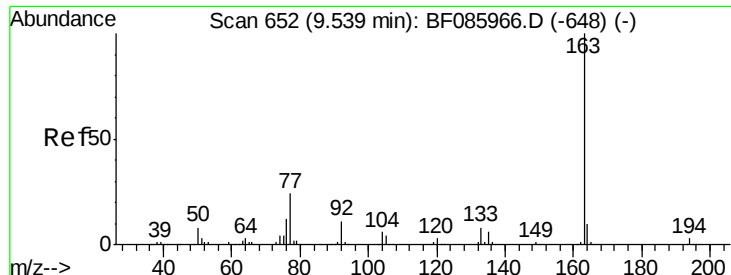
Tot Ion: 65 Resp: 5195
 Ion Ratio Lower Upper
 65 100
 92 69.8 59.7 89.5
 138 119.5 91.4 137.0



#48
 Acenaphthylene
 Concen: 1.84 ng
 RT: 9.68 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion: 152 Resp: 36012
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 1.77 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

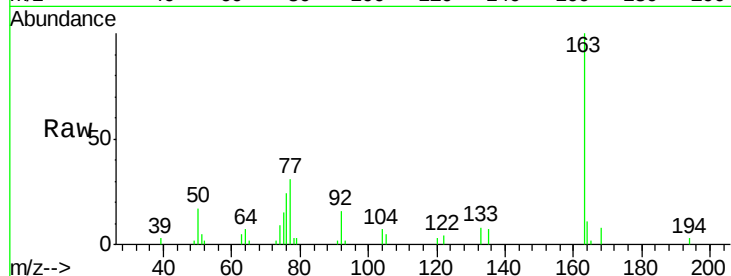
Tot Ion:163 Resp: 25672

Ion Ratio Lower Upper

163 100

194 2.5 2.9 4.3#

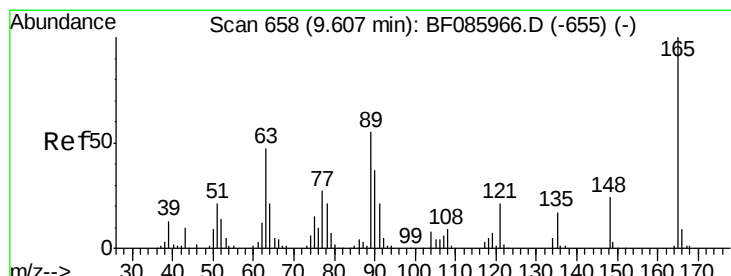
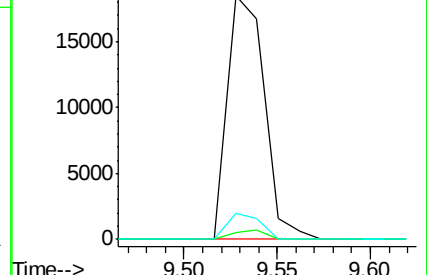
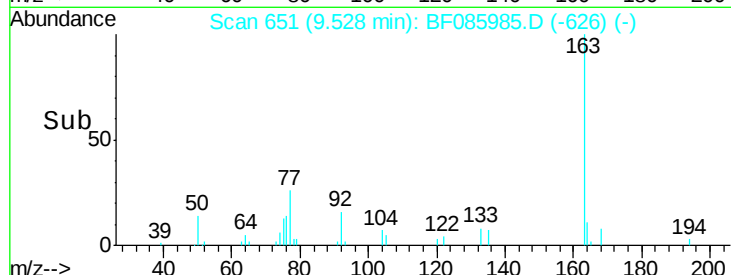
164 10.5 8.3 12.5



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: 1.45 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

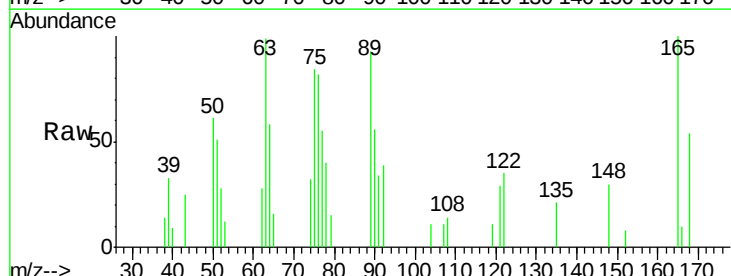
Tgt Ion:165 Resp: 4439

Ion Ratio Lower Upper

165 100

63 98.5 51.8 77.8#

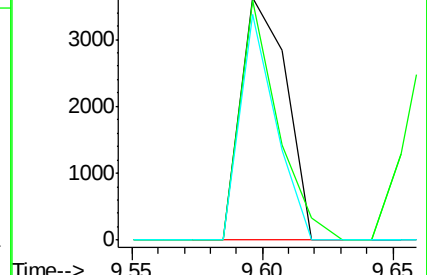
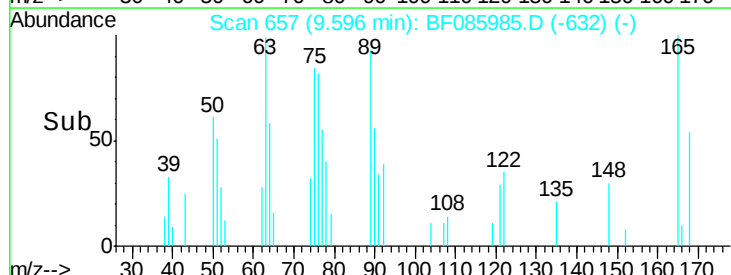
89 93.1 53.7 80.5#

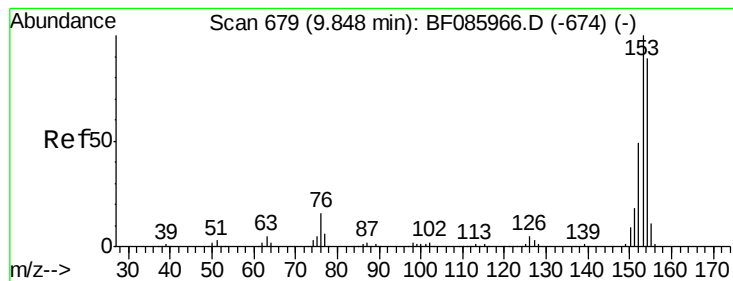


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.01 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

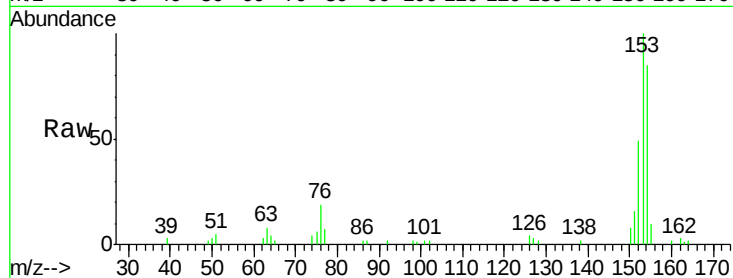
Tot Ion:154 Resp: 23373

Ion Ratio Lower Upper

154 100

153 117.6 90.1 135.1

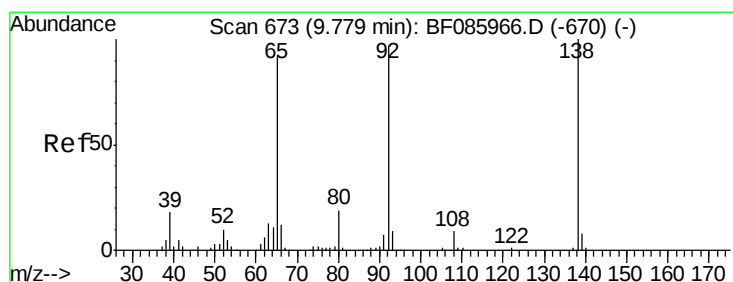
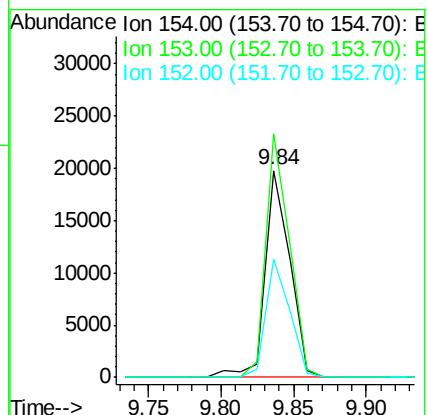
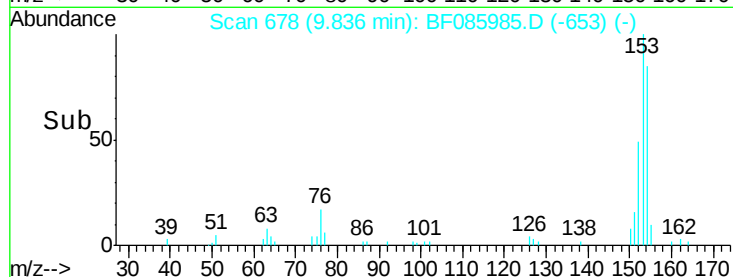
152 57.3 44.2 66.2



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: 1.41 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

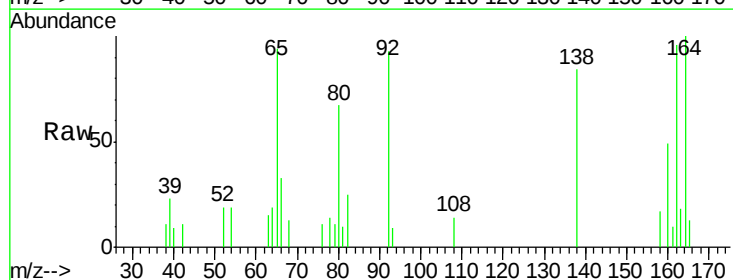
Tgt Ion:138 Resp: 5221

Ion Ratio Lower Upper

138 100

108 16.5 8.7 13.1#

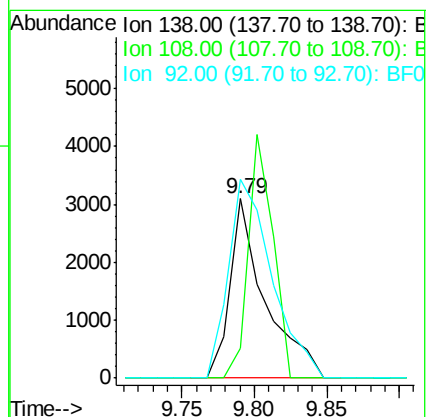
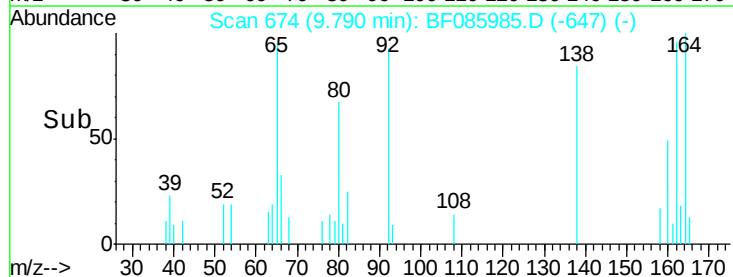
92 110.7 93.3 139.9

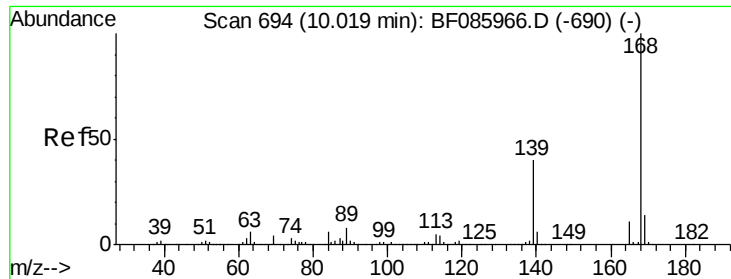


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

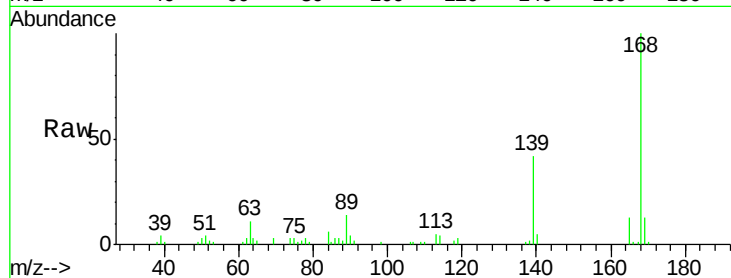




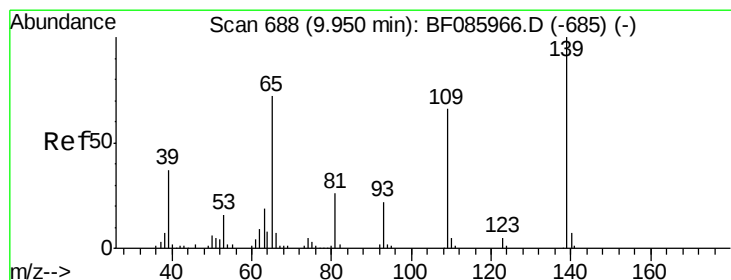
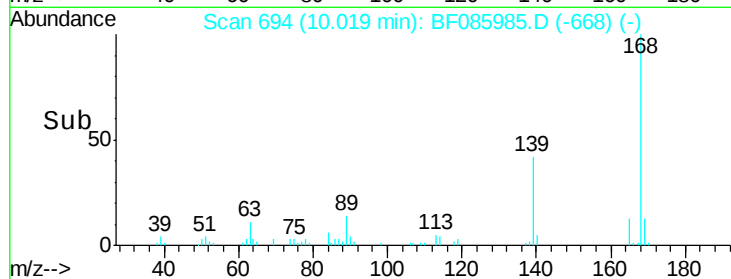
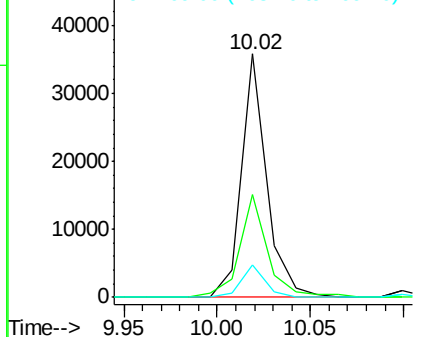
#54
Dibenzenofuran
Concen: 2.19 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.9	47.9
169	13.2	11.0	16.6

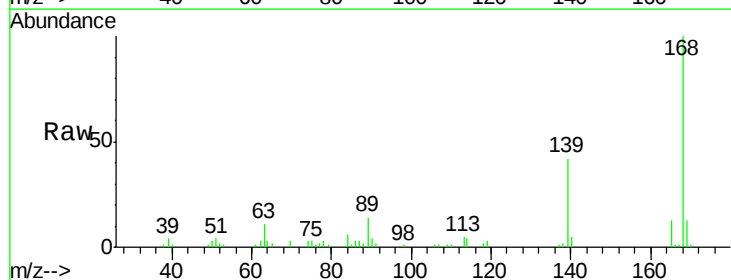


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

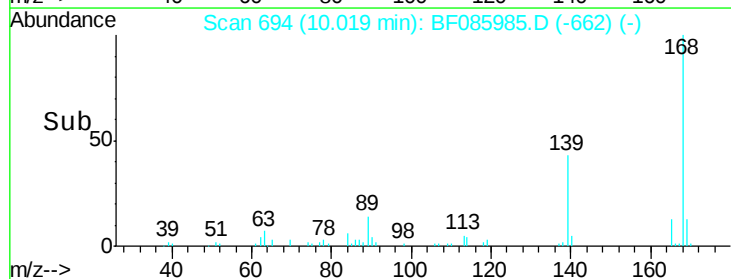
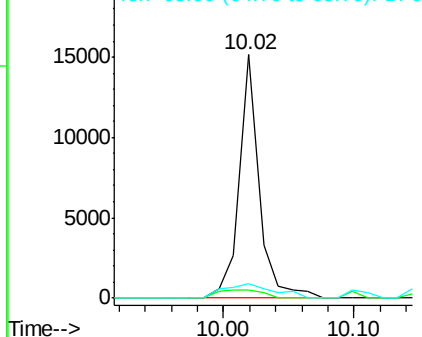


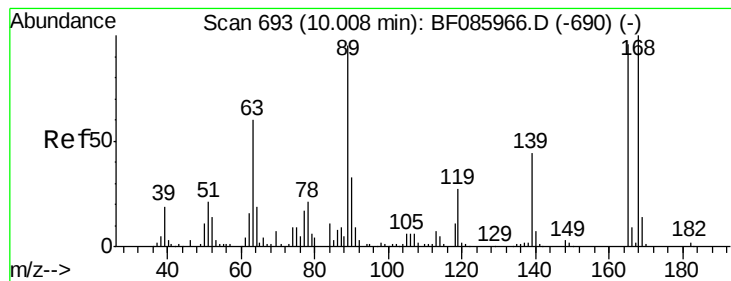
#55
4-Nitrophenol
Concen: 7.38 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	3.4	49.2	89.2#
65	5.9	66.9	106.9#



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

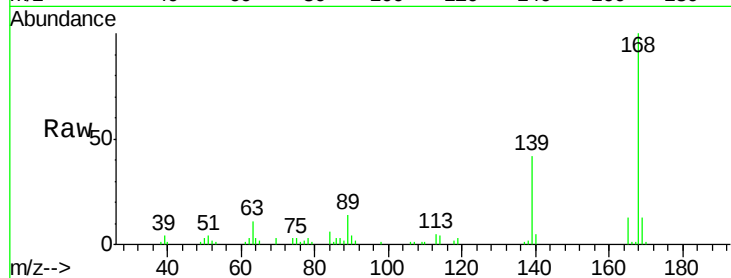




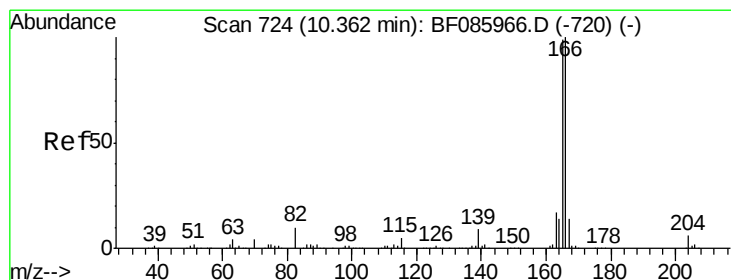
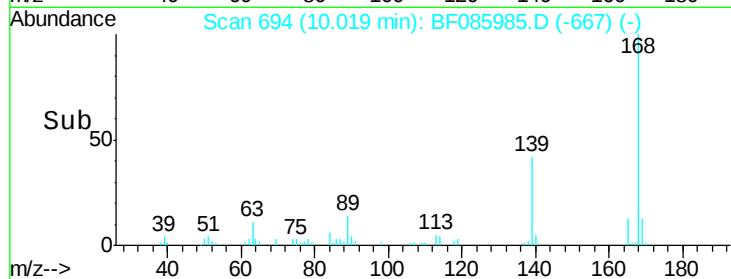
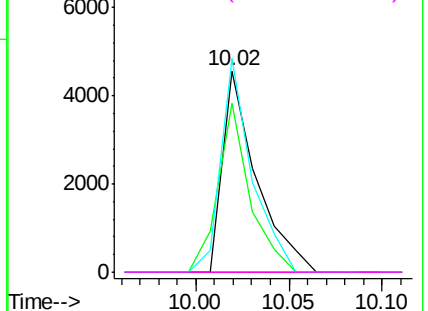
#56
2,4-Dinitrotoluene
Concen: 1.50 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:165 Resp: 5812
Ion Ratio Lower Upper
165 100
63 83.8 24.9 37.3#
89 106.2 41.0 61.6#
182 0.0 2.1 3.1#

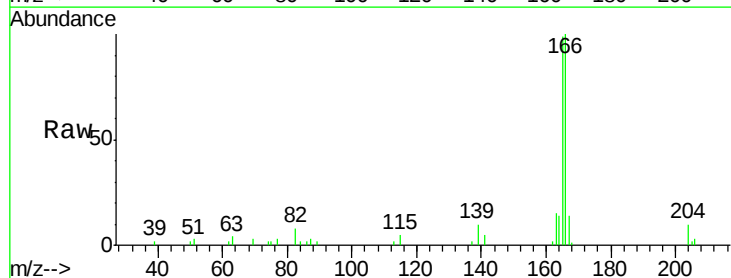


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

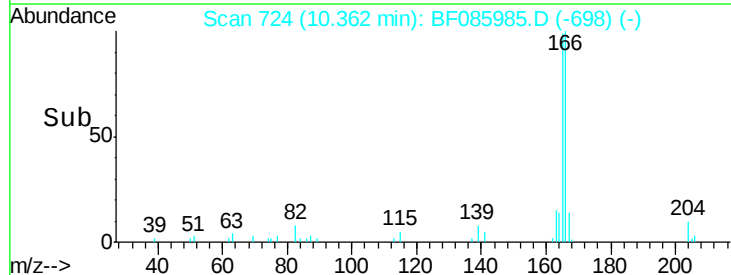
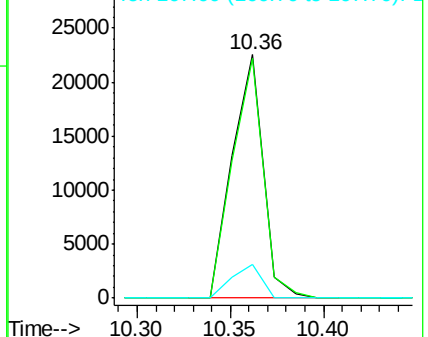


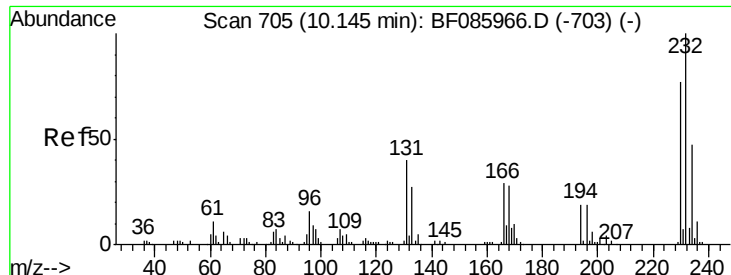
#57
Fluorene
Concen: 1.99 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:166 Resp: 26161
Ion Ratio Lower Upper
166 100
165 98.7 79.4 119.0
167 13.8 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

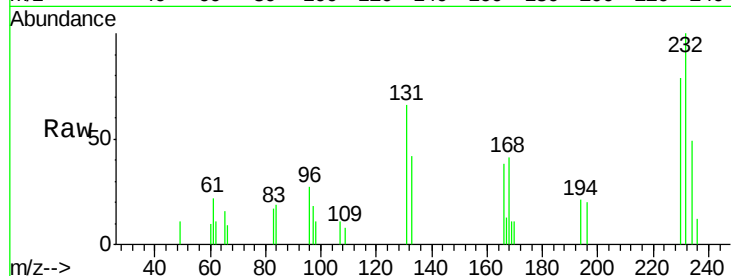




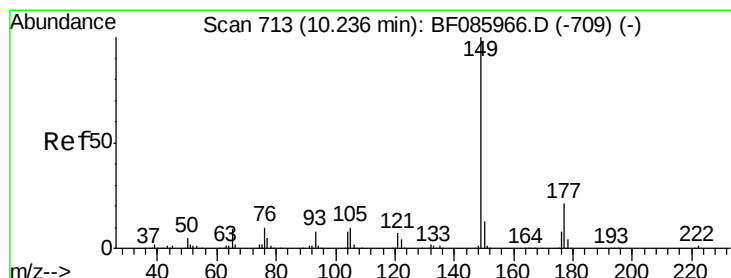
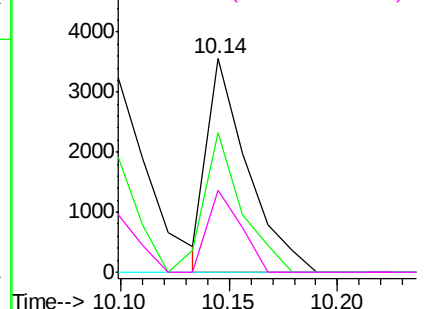
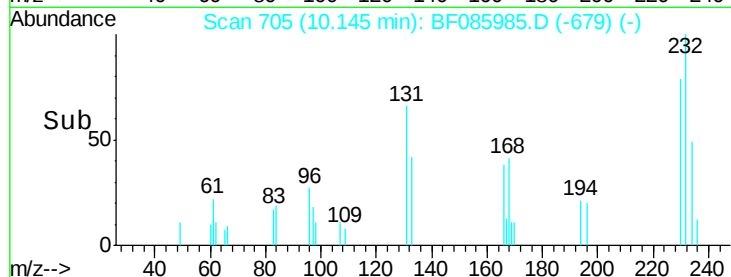
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.61 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:232 Resp: 4592
 Ion Ratio Lower Upper
 232 100
 131 61.0 44.9 67.3
 130 0.0 2.3 3.5#
 166 31.5 28.1 42.1

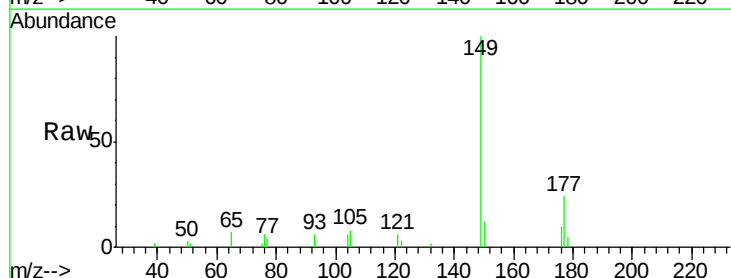


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

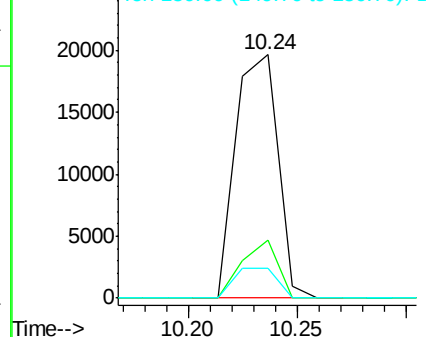
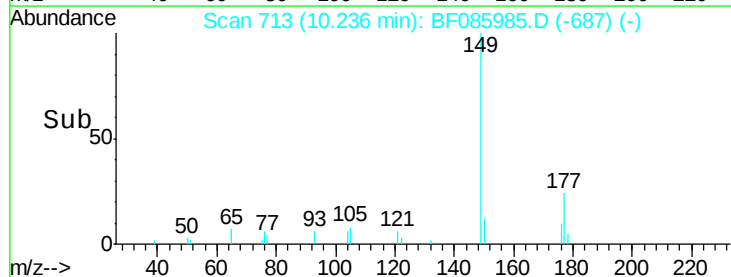


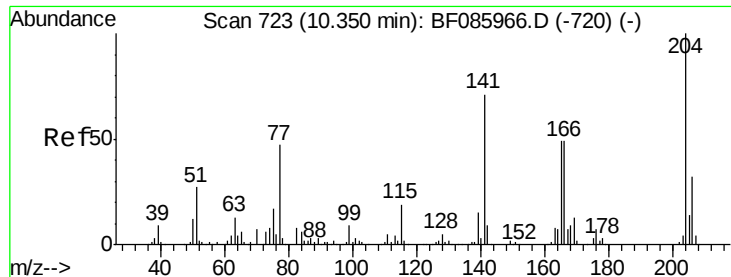
#59
 Diethylphthalate
 Concen: 1.81 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:149 Resp: 26404
 Ion Ratio Lower Upper
 149 100
 177 23.7 17.9 26.9
 150 12.4 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

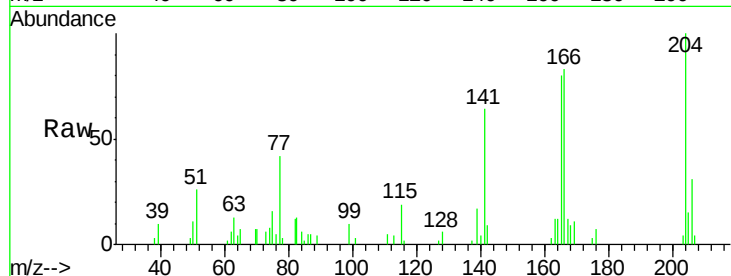




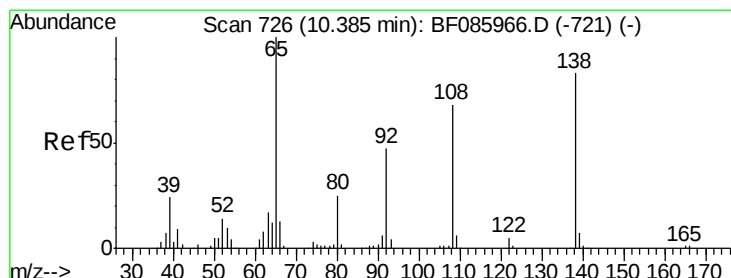
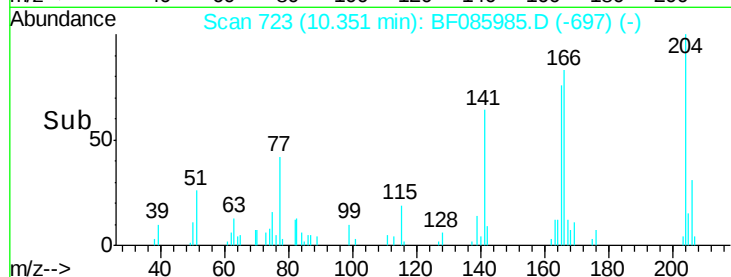
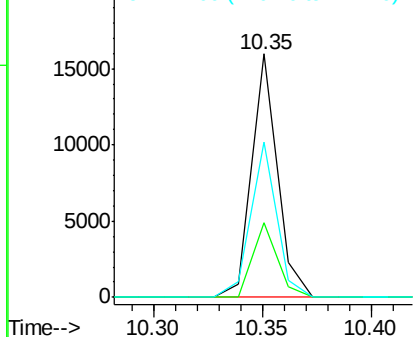
#60
4-Chlorophenyl-phenylether
Concen: 2.15 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:204 Resp: 13162
Ion Ratio Lower Upper
204 100
206 30.7 26.6 39.8
141 64.0 57.4 86.0

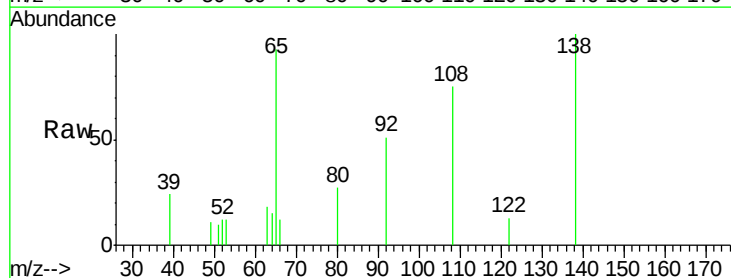


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

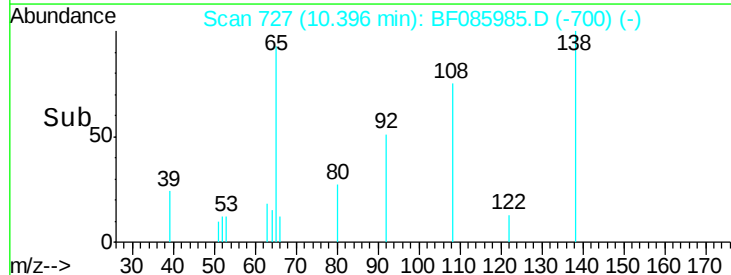
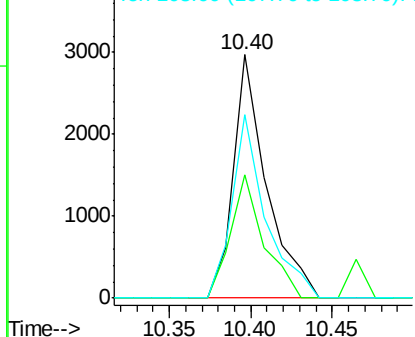


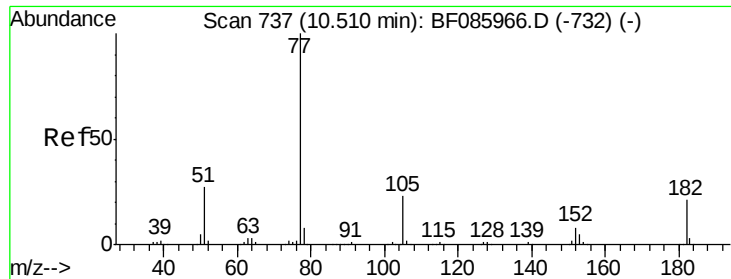
#61
4-Nitroaniline
Concen: 1.15 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:138 Resp: 4163
Ion Ratio Lower Upper
138 100
92 50.7 26.4 66.4
108 75.3 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 1.89 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 77 Resp: 26449

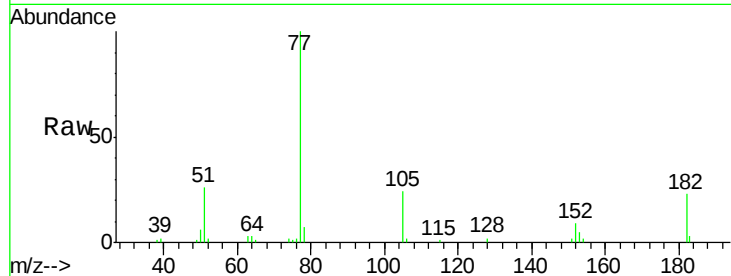
Ion Ratio Lower Upper

77 100

182 23.5 1.9 41.9

105 24.3 3.5 43.5

51 25.9 6.3 46.3

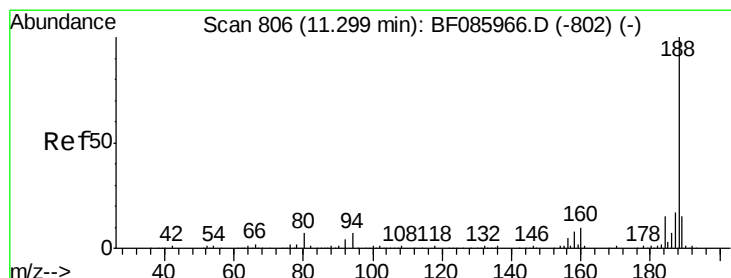
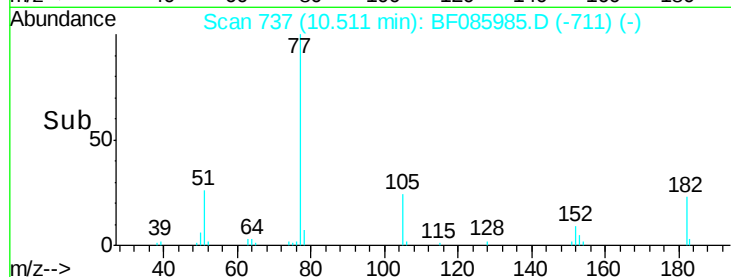
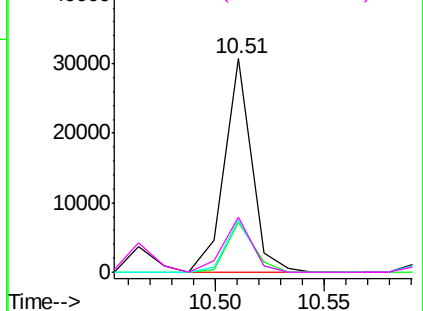


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF085985.D

Acq: 2 Apr 2016 2:35

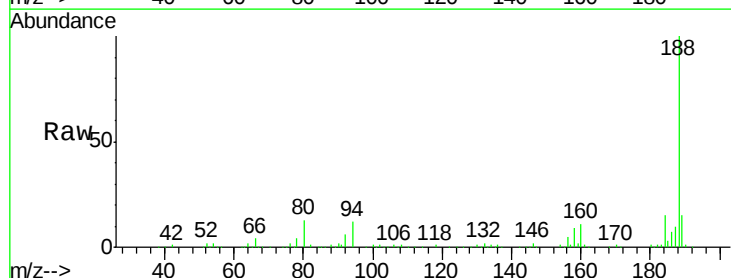
Tgt Ion: 188 Resp: 398217

Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

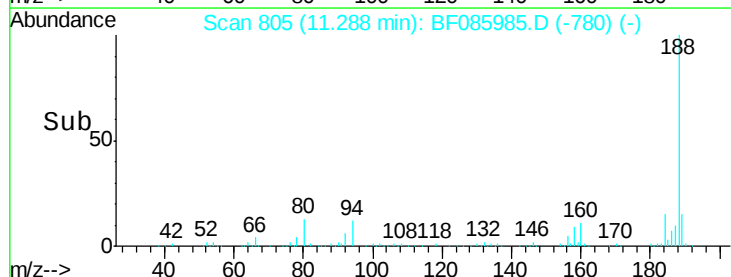
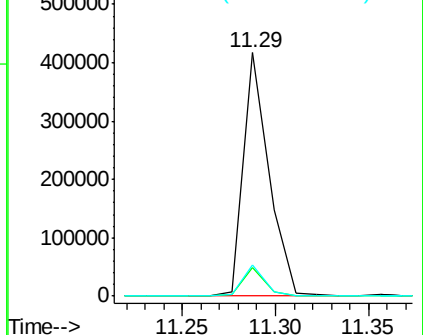
80 12.5 5.5 8.3#

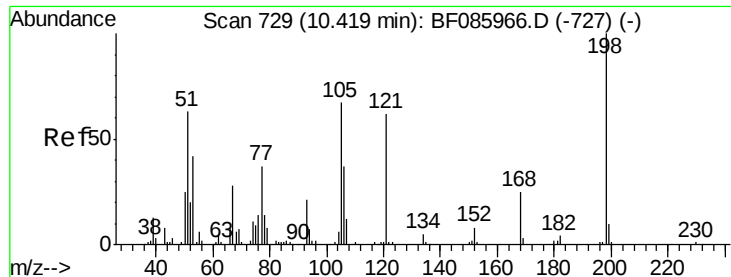


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

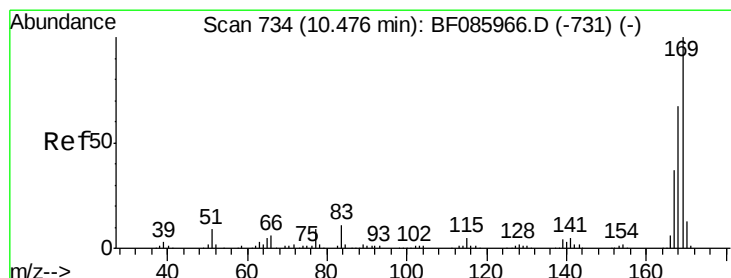
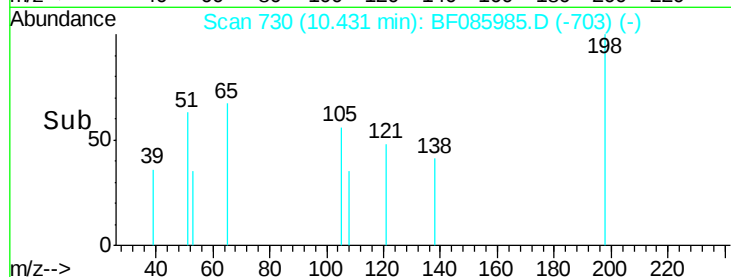
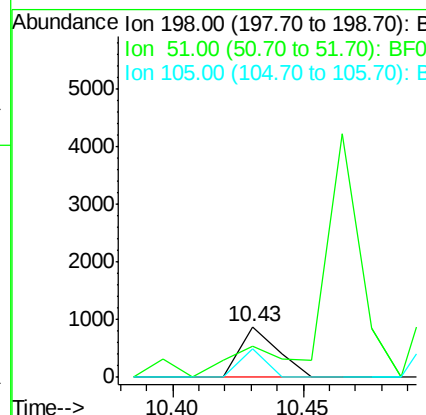
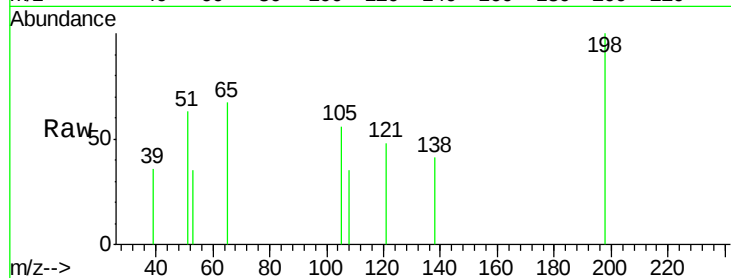




#64
4,6-Dinitro-2-methylphenol
Concen: 0.37 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

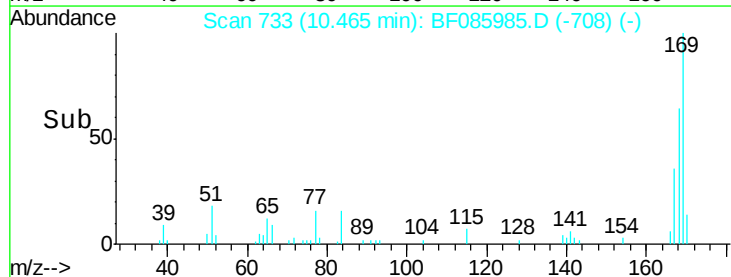
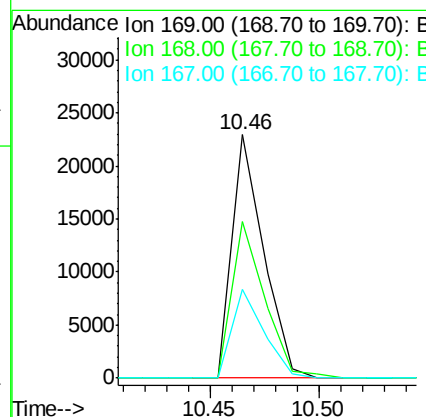
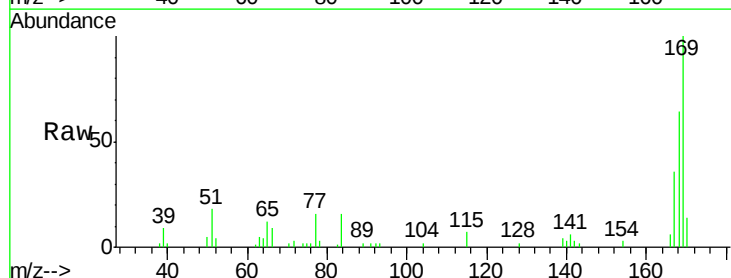
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

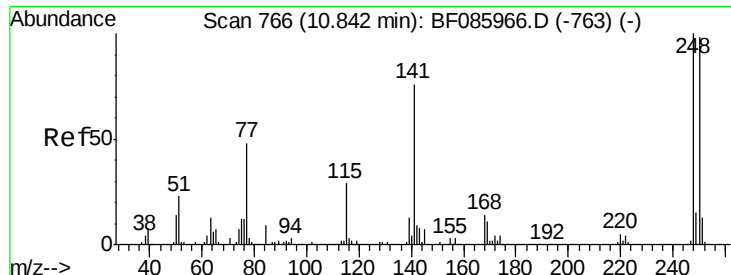
Tot Ion:198 Resp: 884
Ion Ratio Lower Upper
198 100
51 62.6 45.4 85.4
105 56.4 45.9 85.9



#65
n-Nitrosodiphenylamine
Concen: 1.85 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:169 Resp: 23067
Ion Ratio Lower Upper
169 100
168 64.1 54.4 81.6
167 36.4 29.4 44.0

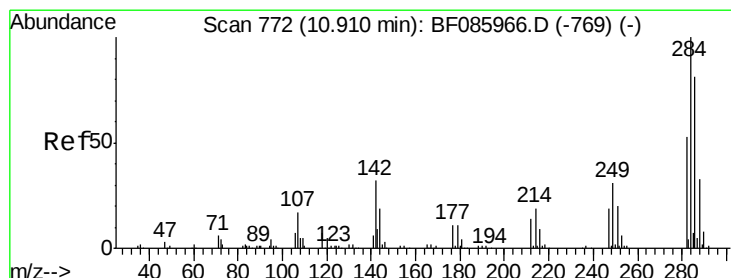
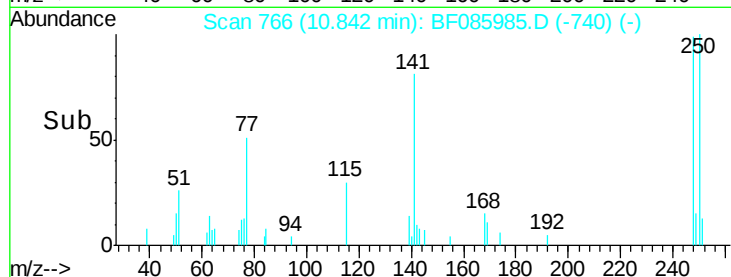
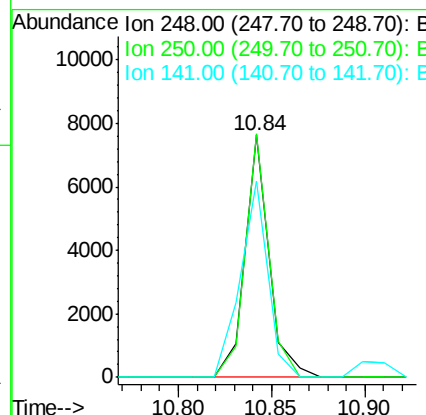
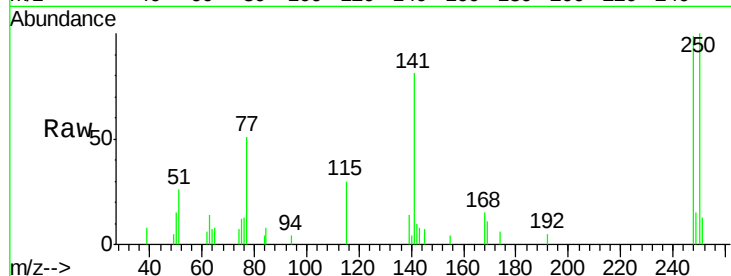




#66
4-Bromophenyl-phenylether
Concen: 1.71 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

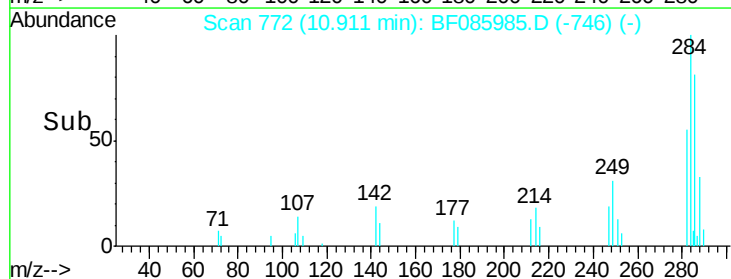
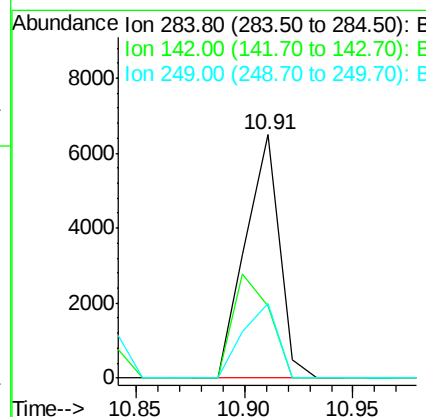
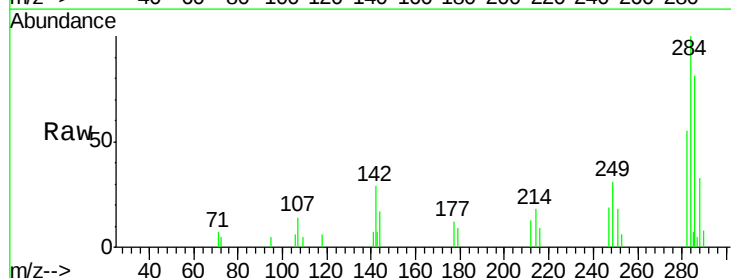
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

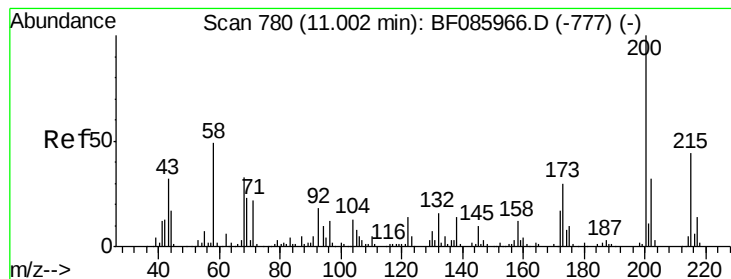
Tot Ion:248 Resp: 6933
Ion Ratio Lower Upper
248 100
250 100.6 77.4 116.0
141 81.2 63.6 95.4



#67
Hexachlorobenzene
Concen: 1.67 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:284 Resp: 7032
Ion Ratio Lower Upper
284 100
142 29.4 23.1 34.7
249 30.6 24.2 36.2





#68

Atrazine

Concen: 1.66 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

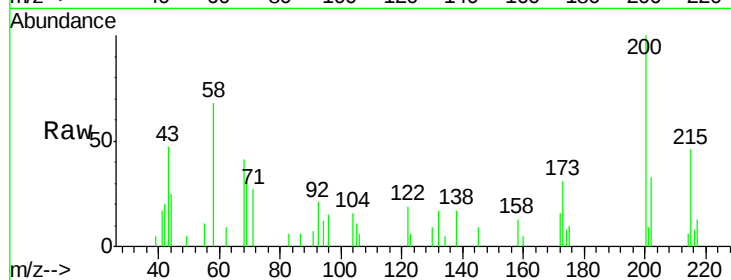
Tot Ion:200 Resp: 6660

Ion Ratio Lower Upper

200 100

173 30.7 7.7 47.7

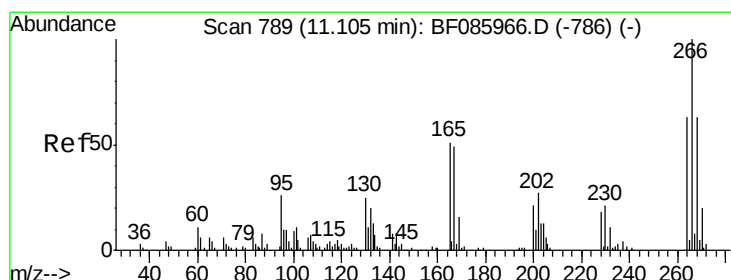
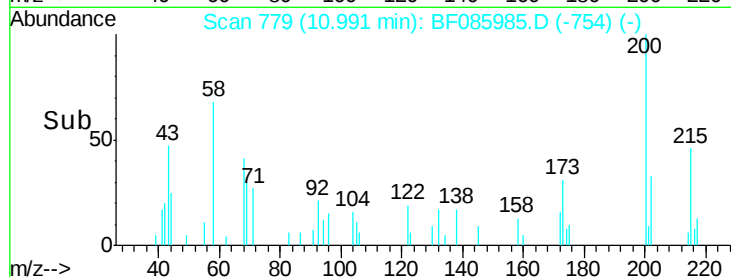
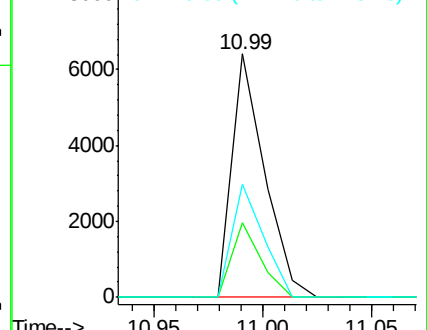
215 46.2 25.4 65.4



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: 0.45 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

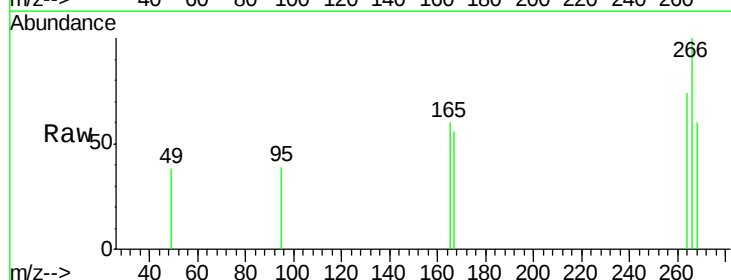
Tgt Ion:266 Resp: 884

Ion Ratio Lower Upper

266 100

268 60.5 51.5 77.3

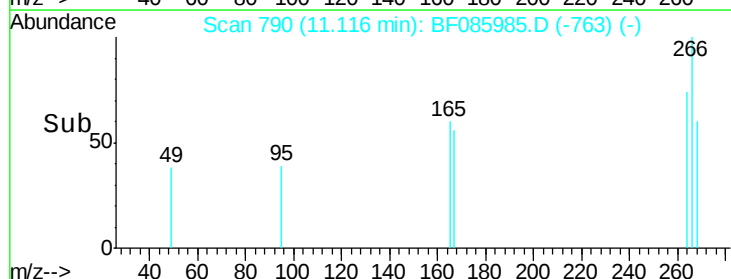
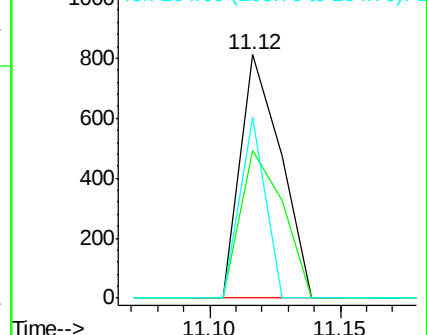
264 74.3 50.6 76.0

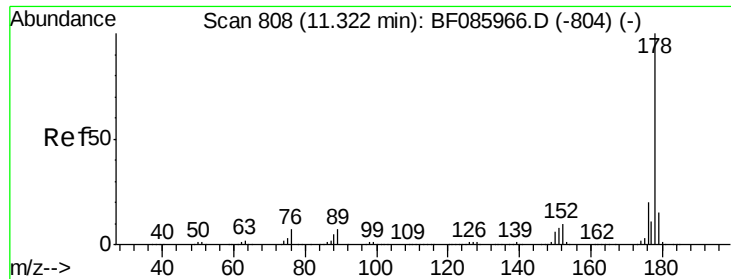


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

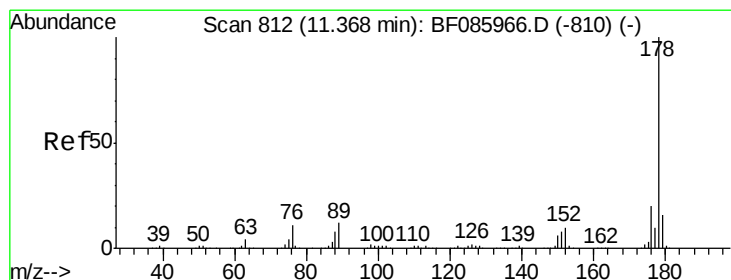
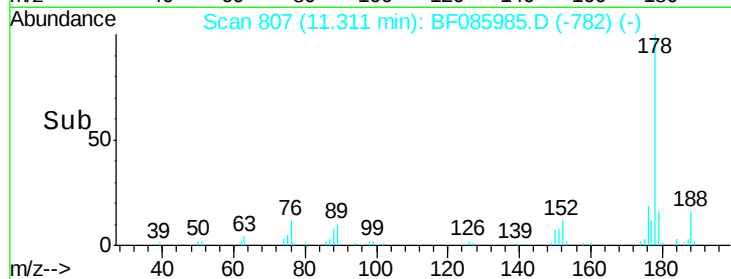
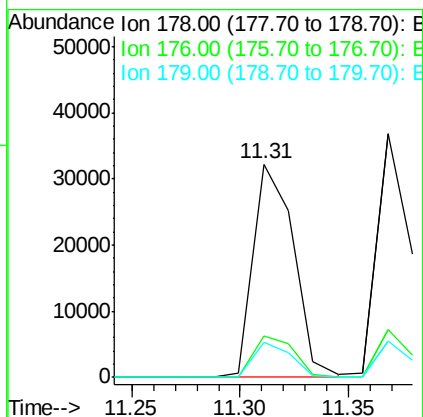
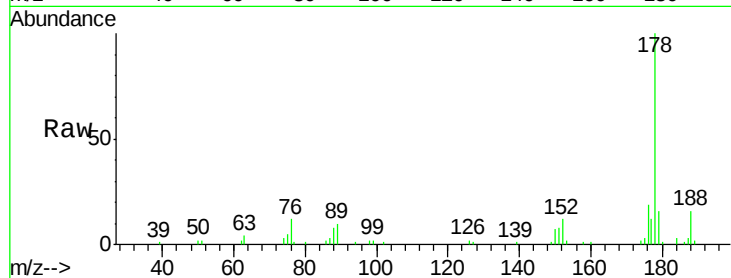




#70
Phenanthrene
Concen: 1.92 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

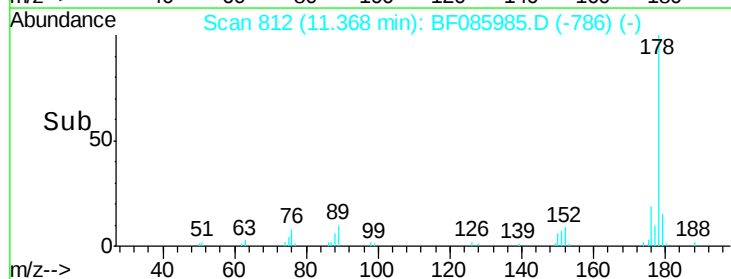
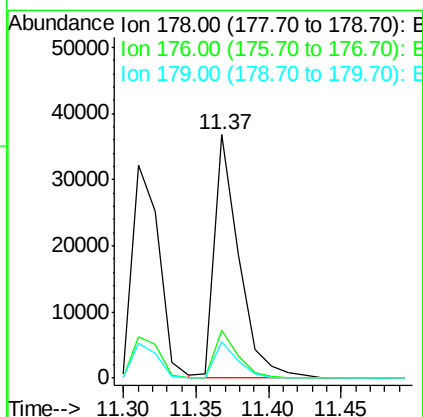
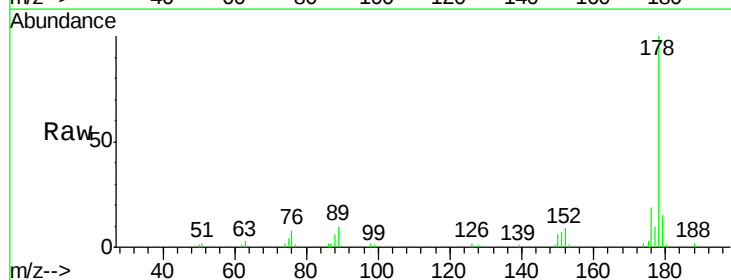
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

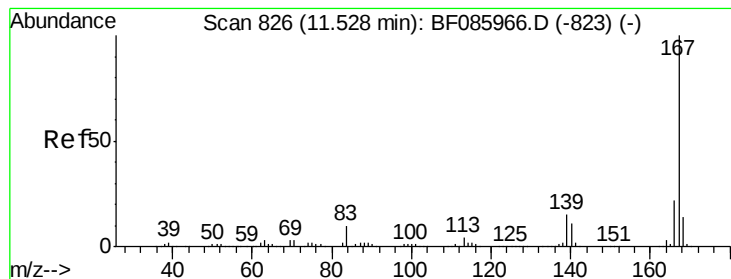
Tot Ion:178 Resp: 41732
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 16.2 12.6 18.8



#71
Anthracene
Concen: 1.92 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:178 Resp: 43665
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 14.9 13.0 19.4





#72

Carbazole

Concen: 1.83 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

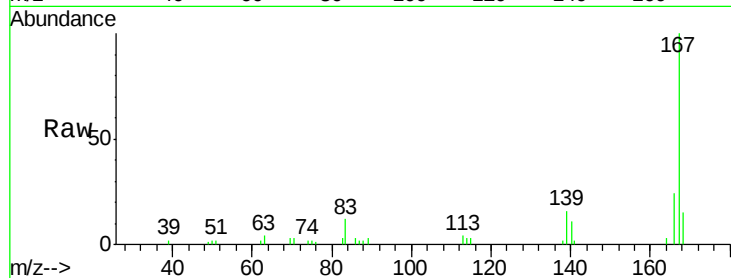
Tot Ion:167 Resp: 35825

Ion Ratio Lower Upper

167 100

166 23.7 17.8 26.8

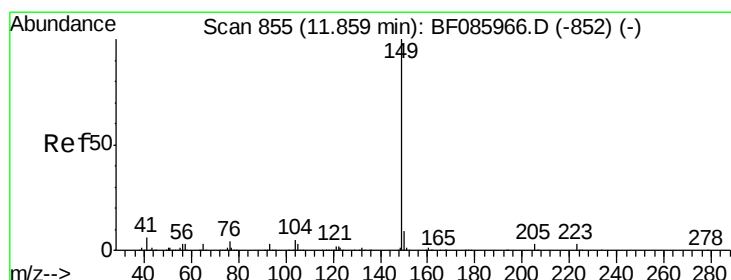
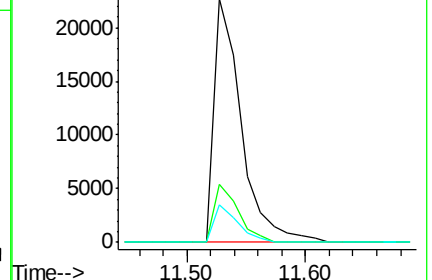
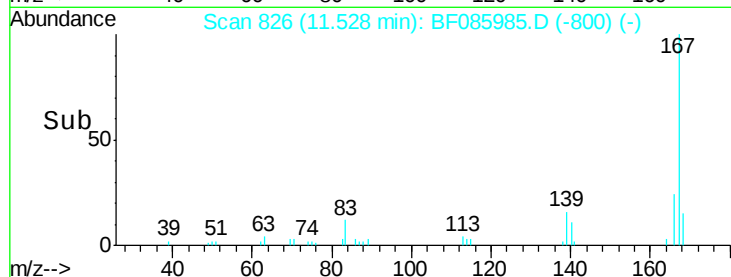
139 15.6 11.6 17.4



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: 1.56 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

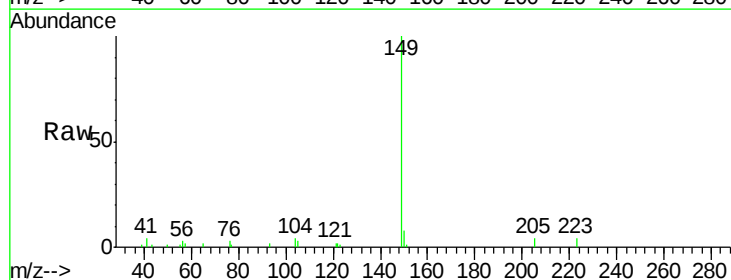
Tgt Ion:149 Resp: 37819

Ion Ratio Lower Upper

149 100

150 8.4 7.6 11.4

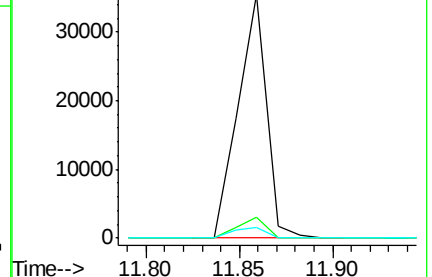
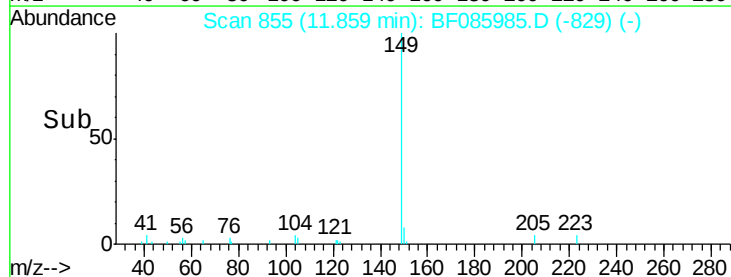
104 4.3 3.8 5.8

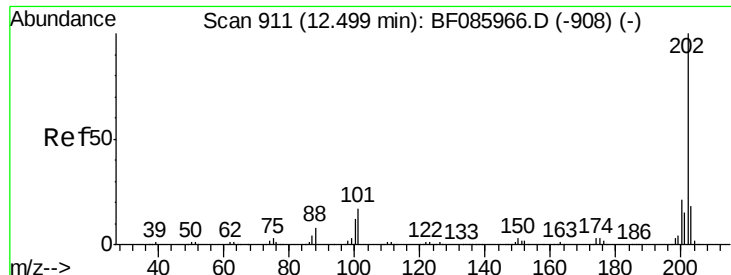


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

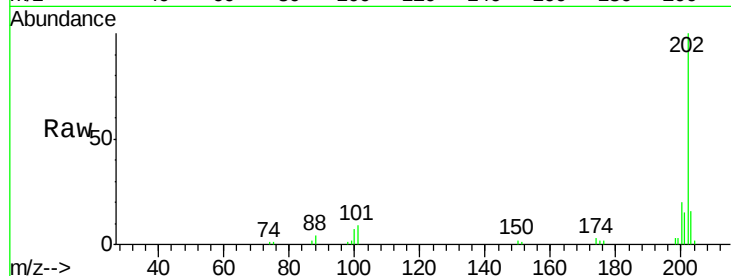




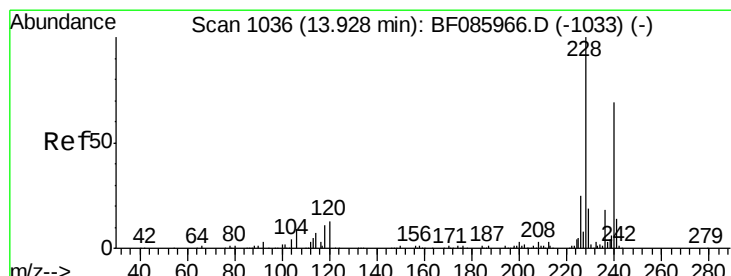
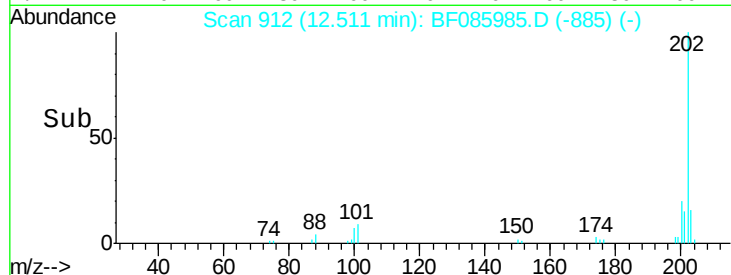
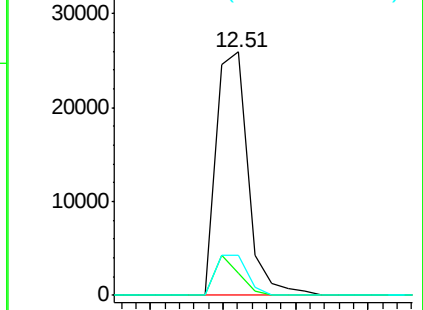
#74
 Fluoranthene
 Concen: 1.74 ng
 RT: 12.51 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:202 Resp: 39232
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 36.6
 203 16.4 0.0 38.1

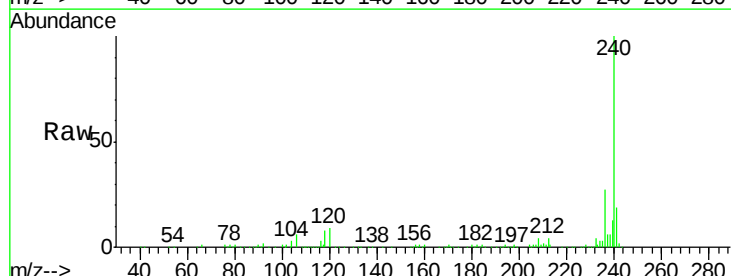


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

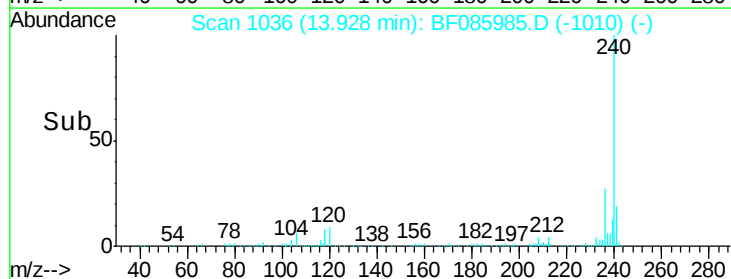
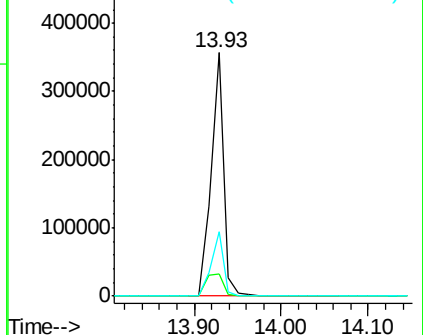


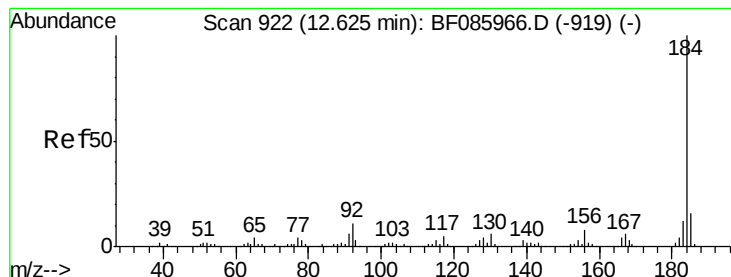
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085985.D
 Acq: 2 Apr 2016 2:35

Tgt Ion:240 Resp: 361335
 Ion Ratio Lower Upper
 240 100
 120 9.2 13.8 20.8#
 236 26.5 20.6 30.8



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





#76

Benzidine

Concen: 0.95 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

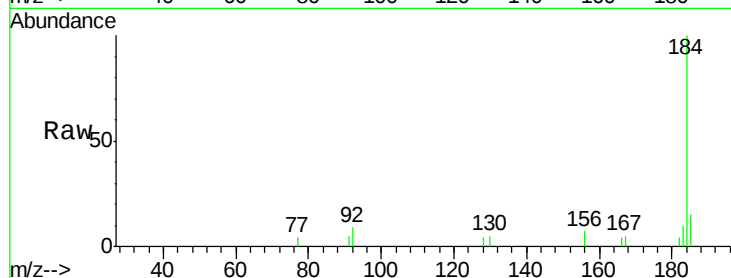
Tot Ion:184 Resp: 12103

Ion Ratio Lower Upper

184 100

185 15.3 12.4 18.6

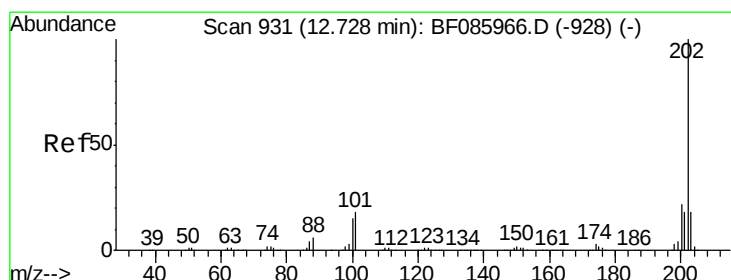
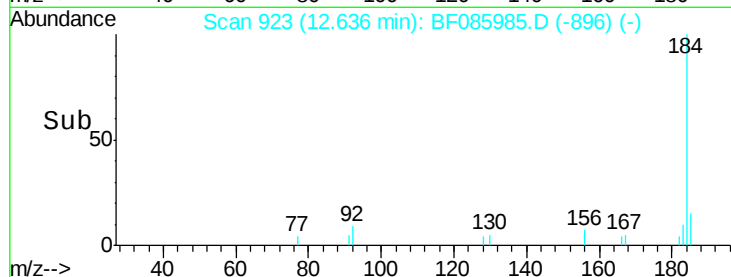
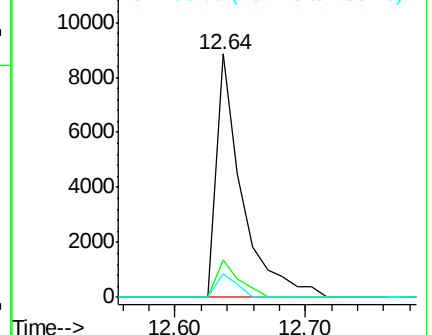
183 9.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.71 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

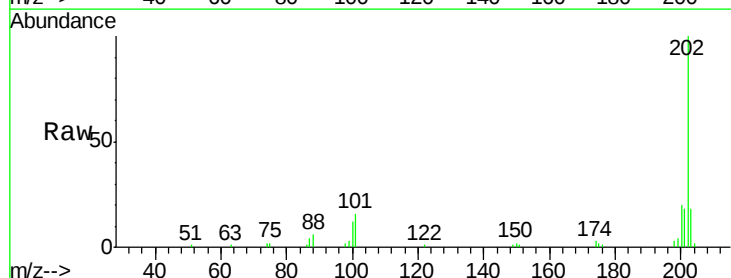
Tgt Ion:202 Resp: 43437

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

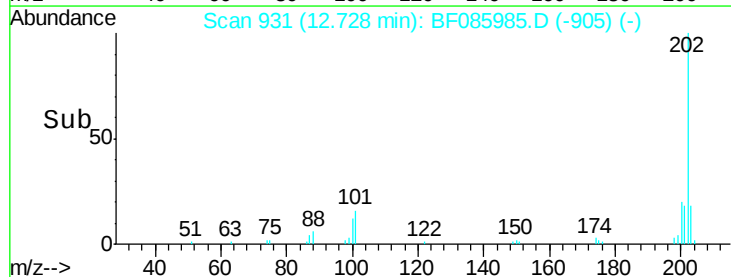
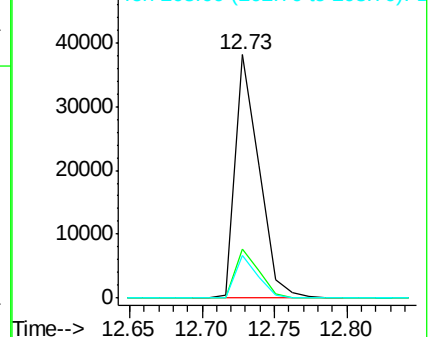
203 17.6 14.0 21.0

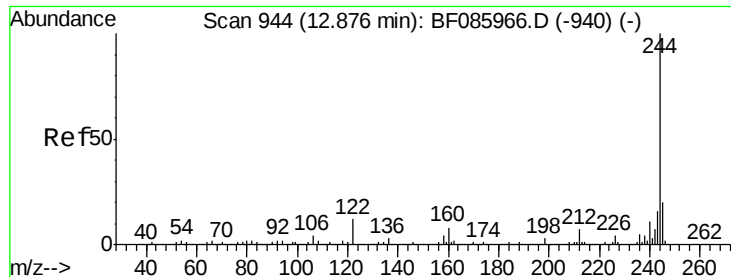


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.60 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

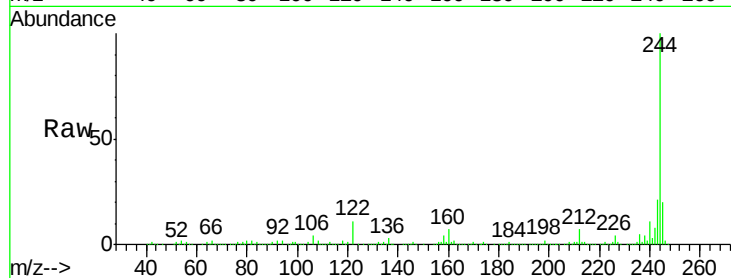
Tot Ion:244 Resp: 1085183

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

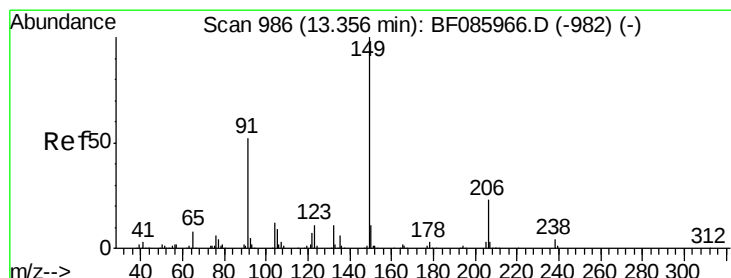
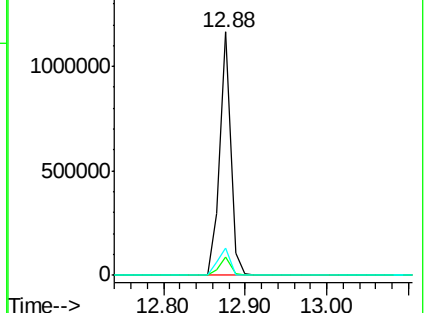
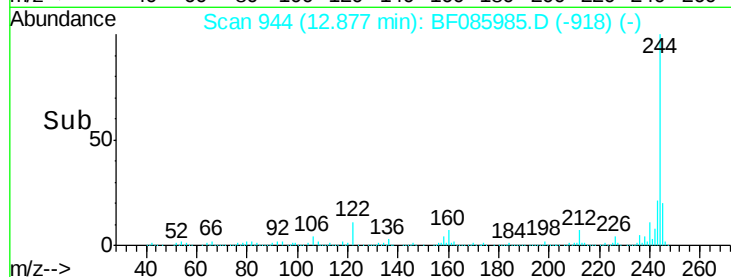
122 11.3 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 1.23 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

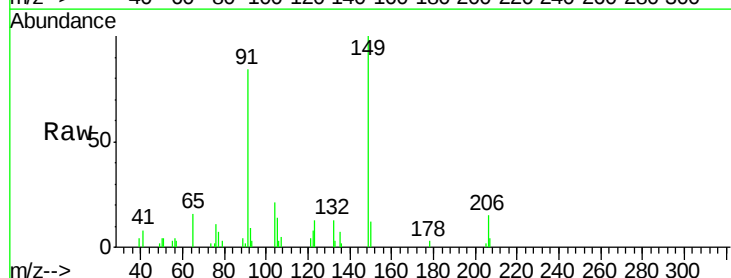
Tgt Ion:149 Resp: 14122

Ion Ratio Lower Upper

149 100

91 83.6 45.8 68.8#

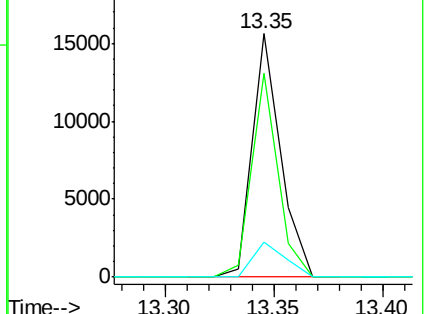
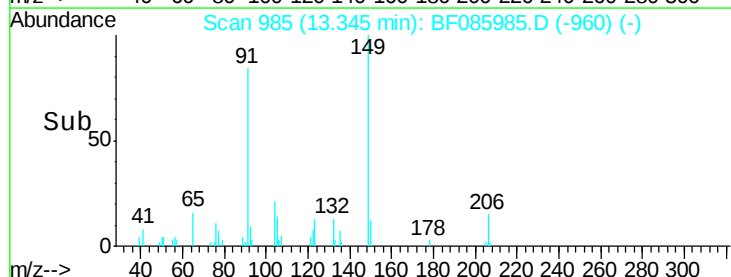
206 14.6 17.8 26.8#

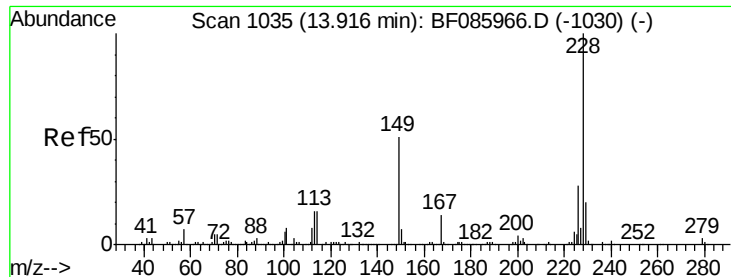


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.84 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

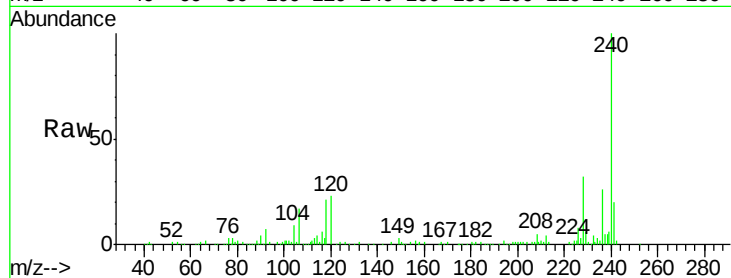
Tot Ion:228 Resp: 39242

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

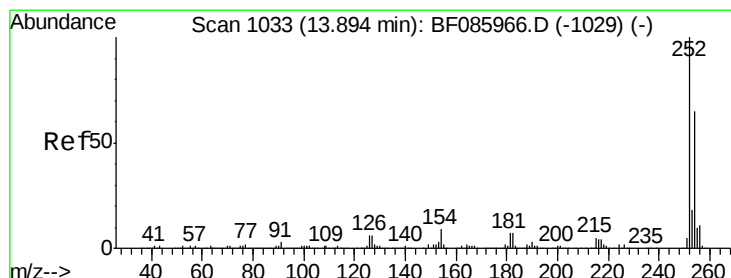
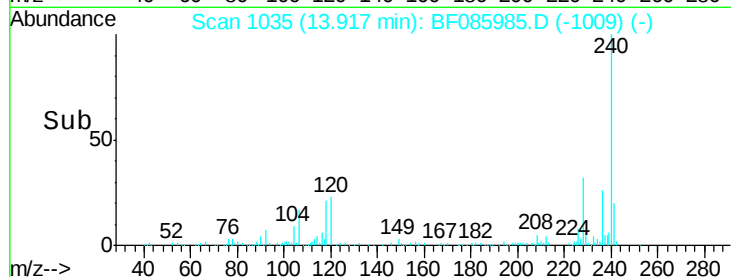
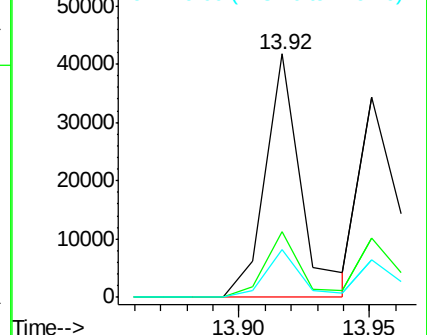
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.41 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

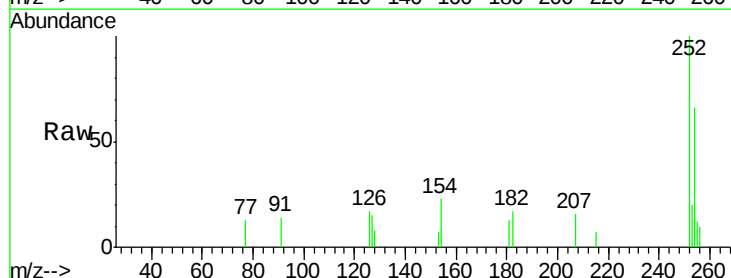
Tgt Ion:252 Resp: 6324

Ion Ratio Lower Upper

252 100

254 66.4 50.7 76.1

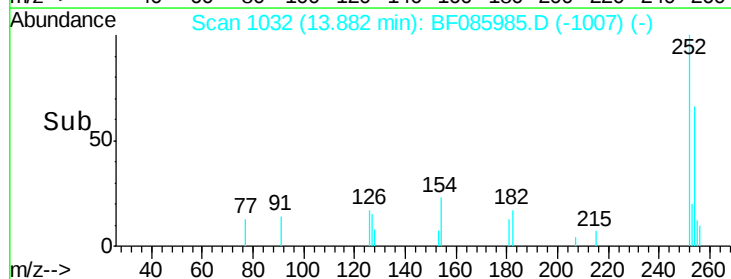
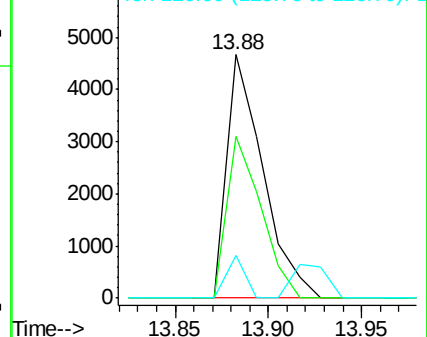
126 17.4 11.8 17.6

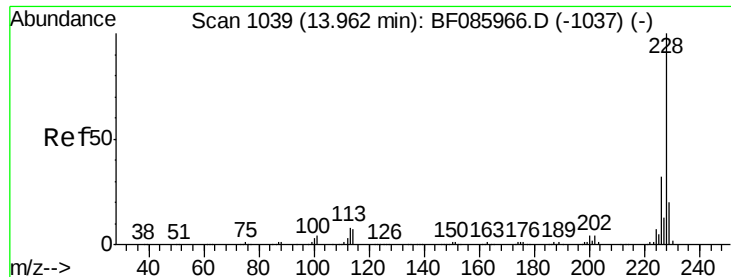


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.72 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

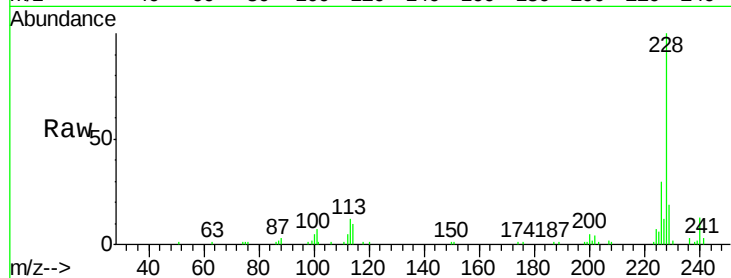
BNA_F

ClientSampleId :

LOD-WATER2016-01

Tot Ion:228 Resp: 35315

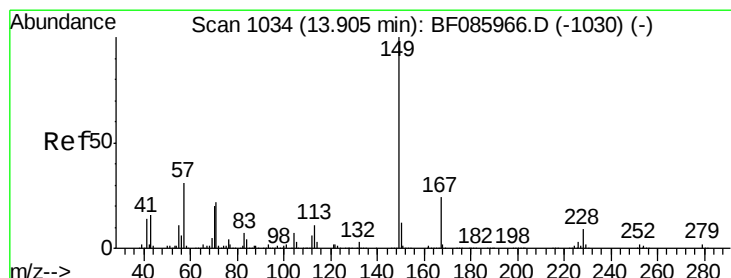
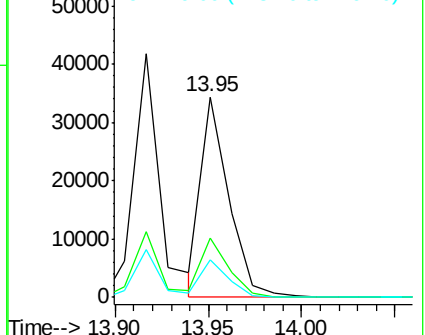
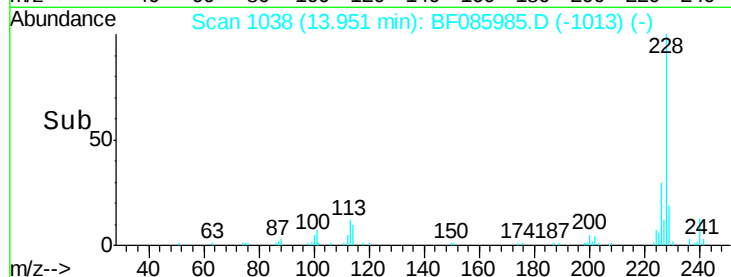
Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	18.5	15.7	23.5



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: 1.41 ng

RT: 13.91 min Scan# 1034

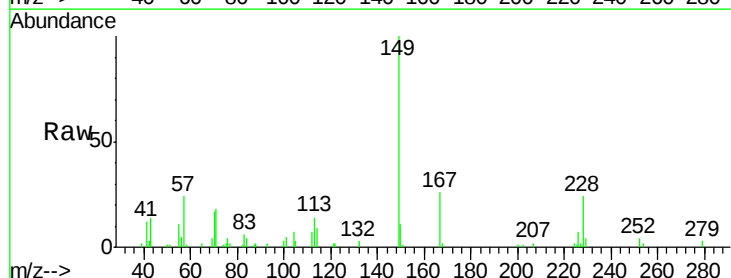
Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Tgt Ion:149 Resp: 21463

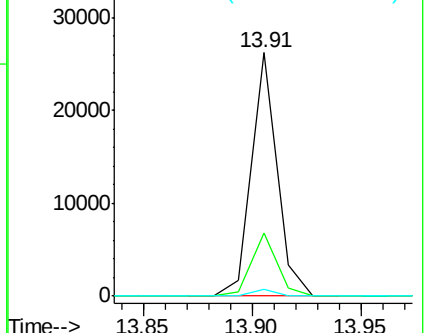
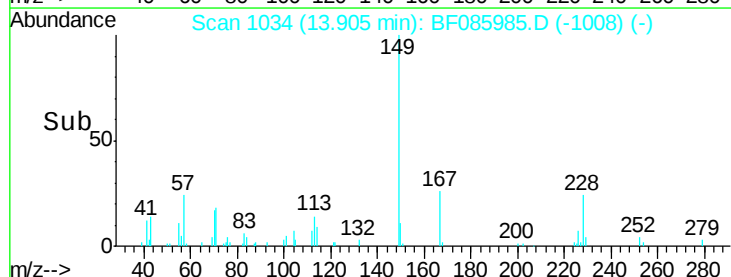
Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.4	29.2
279	2.6	1.5	2.3#

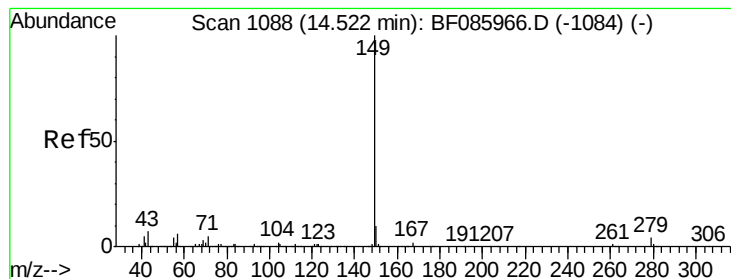


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 1.17 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

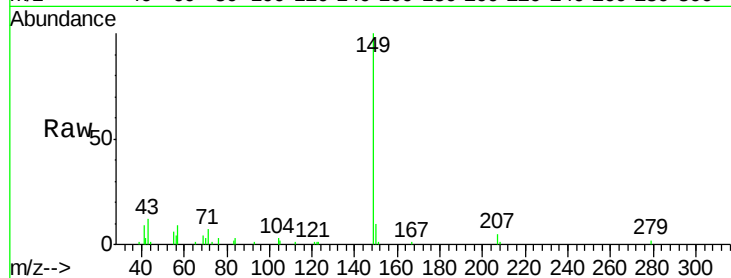
Tot Ion:149 Resp: 28390

Ion Ratio Lower Upper

149 100

167 1.0 1.2 1.8#

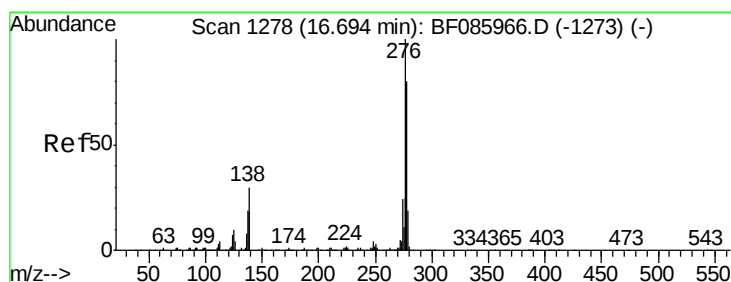
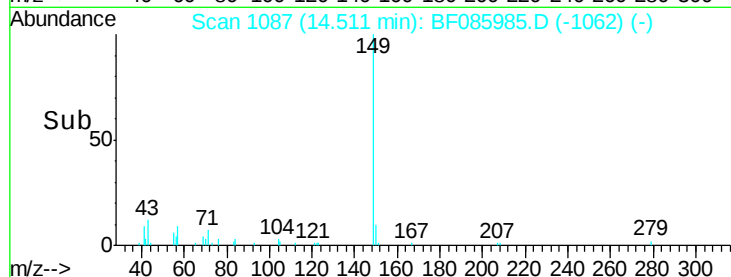
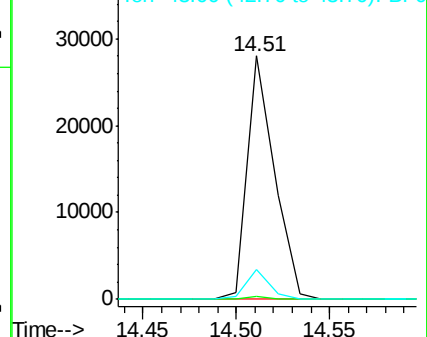
43 11.1 7.1 10.7#



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: 1.54 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

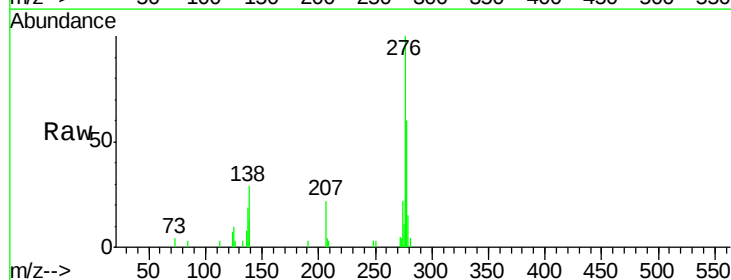
Tgt Ion:276 Resp: 25592

Ion Ratio Lower Upper

276 100

138 27.1 24.2 36.4

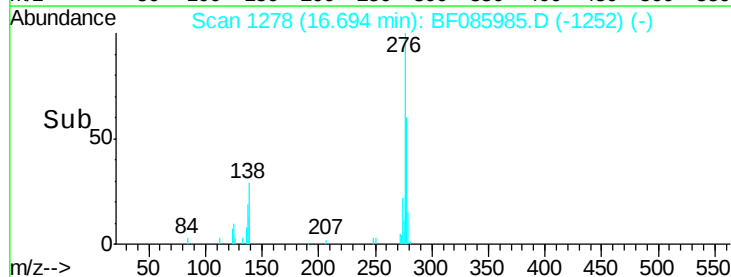
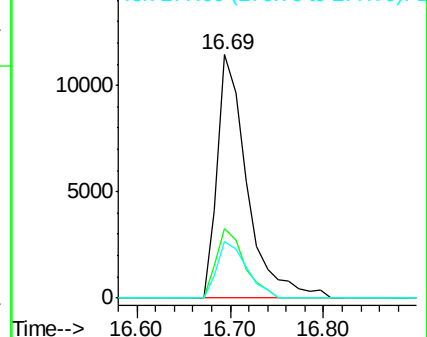
277 22.9 20.0 30.0

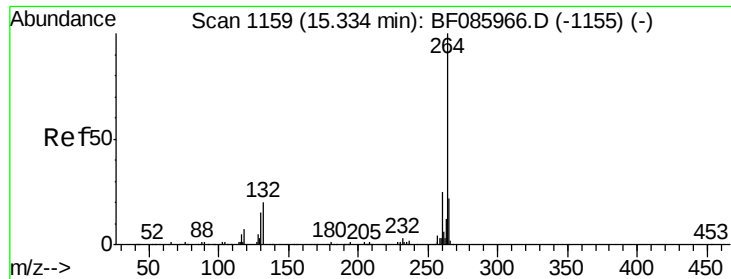


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

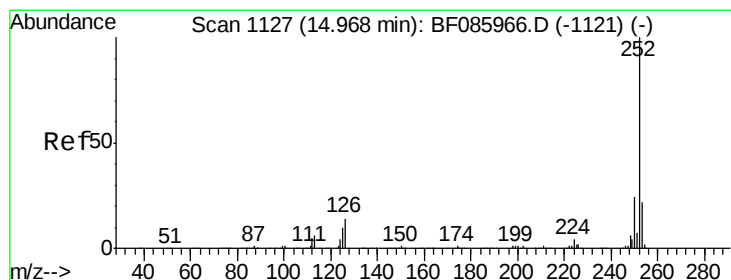
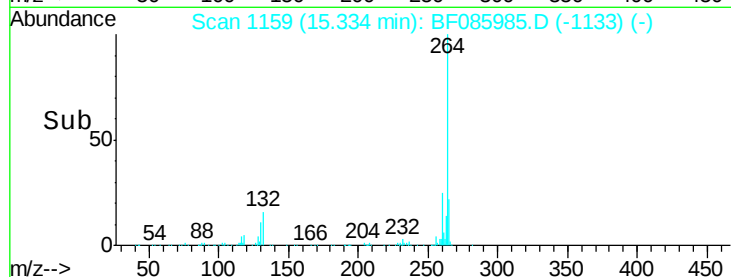
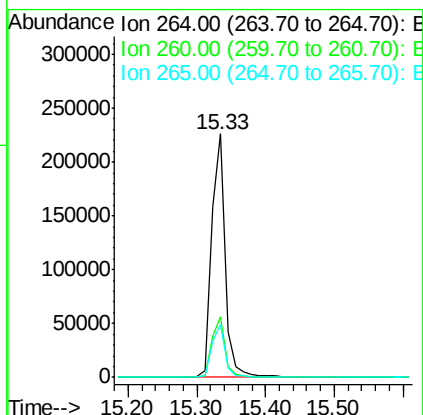
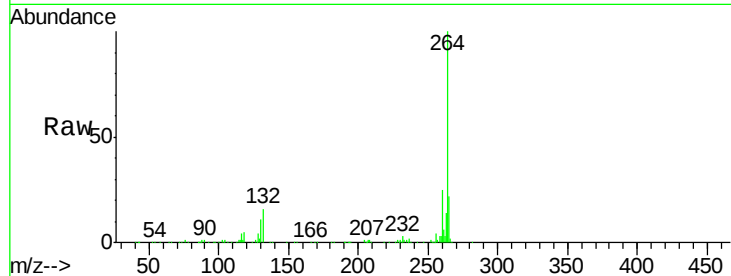




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

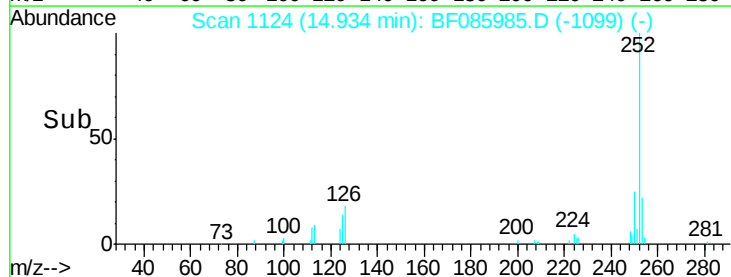
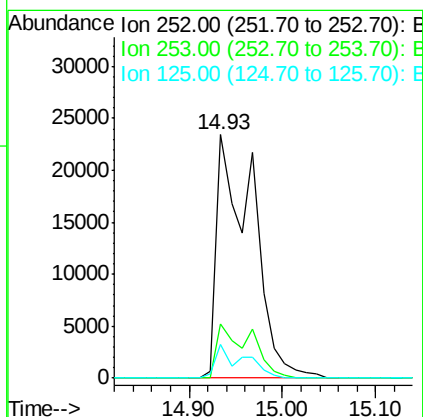
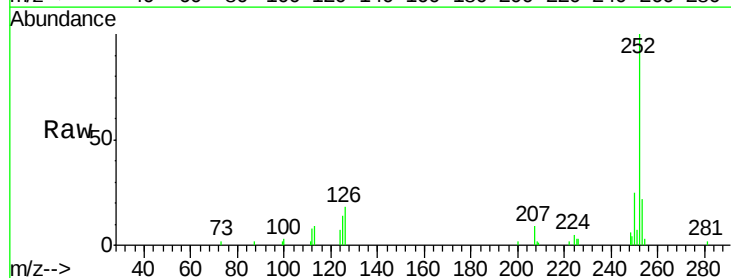
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

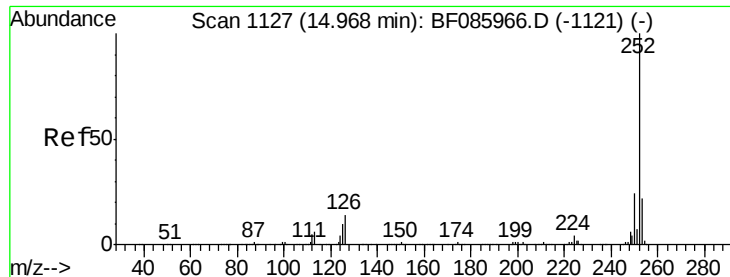
Tot Ion:264 Resp: 313488
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.15 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:252 Resp: 62186
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.8 10.3 15.5

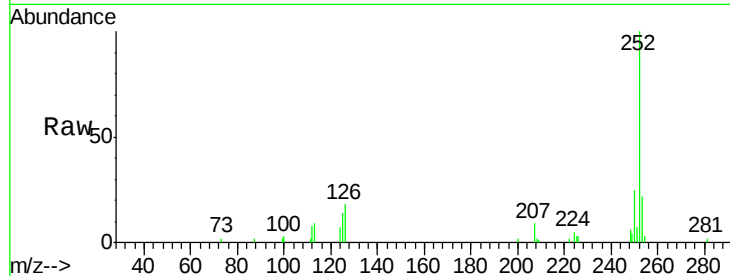




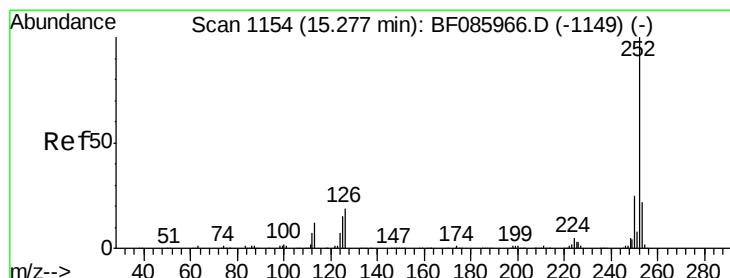
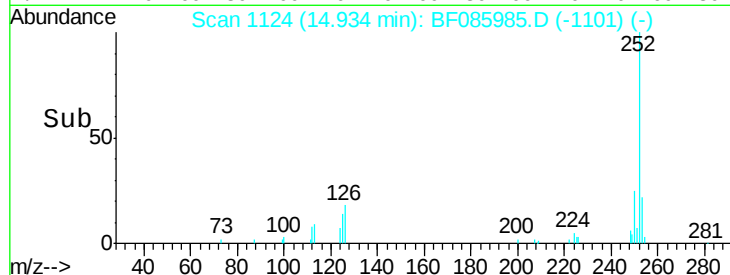
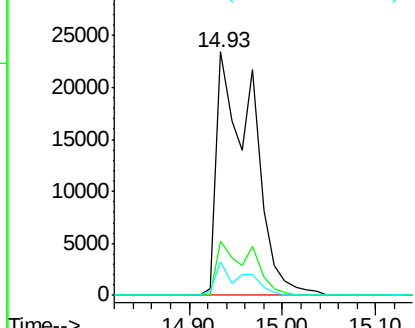
#88
Benzo(k)fluoranthene
Concen: 3.56 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:252 Resp: 62186
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 13.8 7.7 11.5#

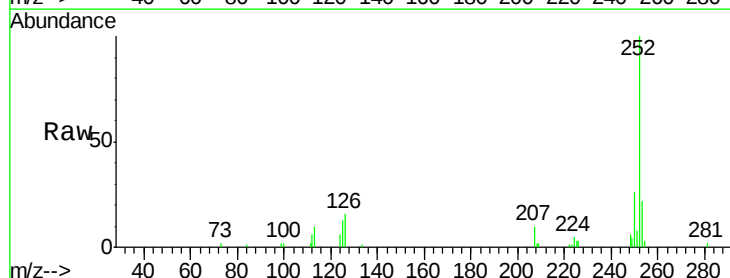


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

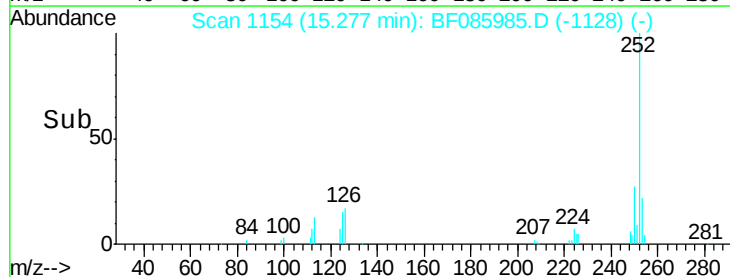
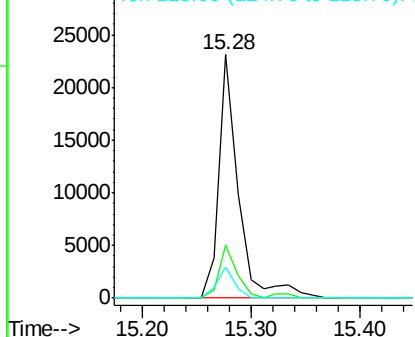


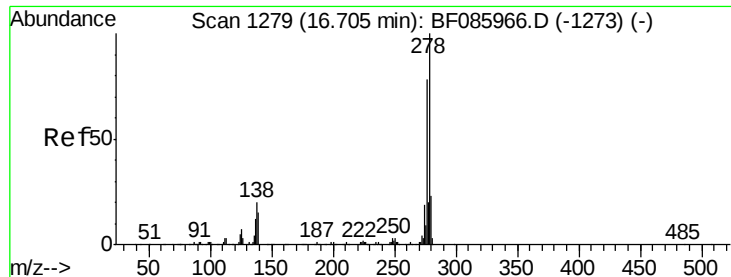
#89
Benzo(a)pyrene
Concen: 1.67 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085985.D
Acq: 2 Apr 2016 2:35

Tgt Ion:252 Resp: 29146
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 13.0 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.53 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

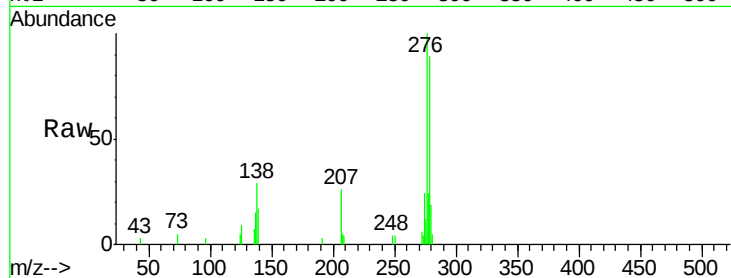
Tot Ion:278 Resp: 21448

Ion Ratio Lower Upper

278 100

139 19.5 14.4 21.6

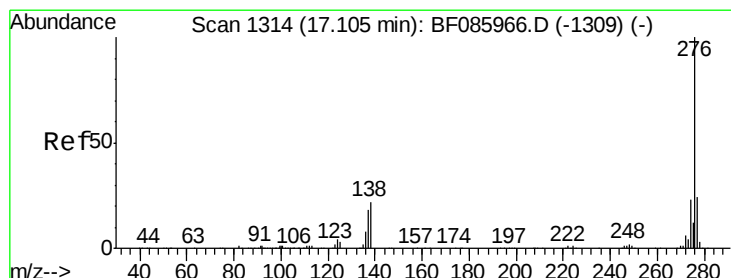
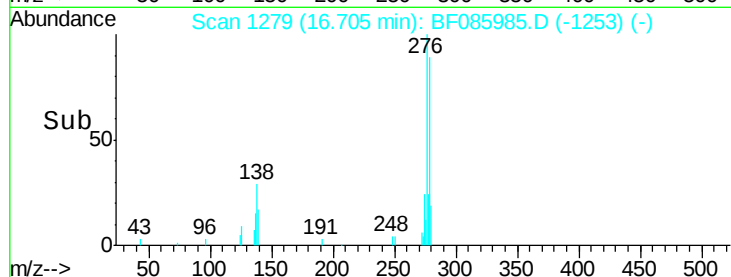
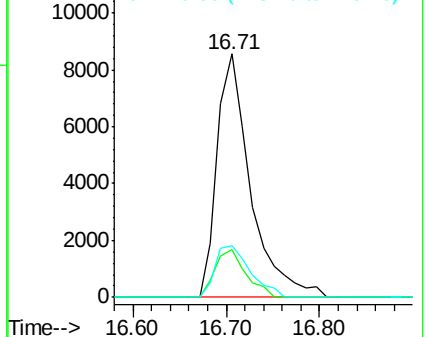
279 21.4 19.1 28.7



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: 1.53 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF085985.D

Acq: 2 Apr 2016 2:35

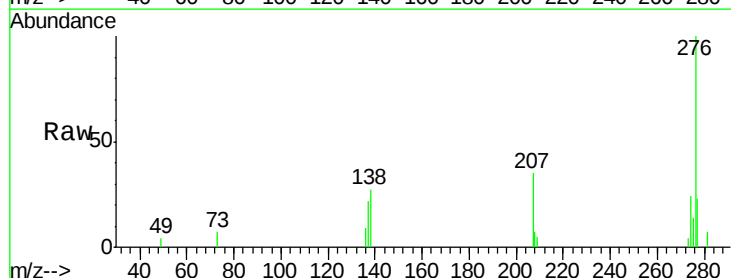
Tgt Ion:276 Resp: 20818

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.6 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

