

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089140.D
 Acq On : 20 Jul 2016 19:23
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD 1PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 21 12:02:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	62034	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	279992	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	130166	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	261928	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	207376	20.00	ng	0.00
86) Perylene-d12	15.06	264	160987	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	393847	96.56	ng	0.01
7) Phenol-d6	6.26	99	515714	98.05	ng	-0.01
23) Nitrobenzene-d5	7.16	82	313520	59.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	122297	104.36	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	575113	60.88	ng	-0.01
78) Terphenyl-d14	12.69	244	520748	54.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.27	93	2270	0.32	ng	# 1
8) 2-Chlorophenol	6.39	128	2529	0.56	ng	# 11
9) Benzaldehyde	6.16	77	2196	0.30	ng	98
10) Phenol	6.27	94	3484	0.57	ng	# 1
11) bis(2-Chloroethyl)ether	6.34	93	3450	0.76	ng	85
12) 1,3-Dichlorobenzene	6.54	146	2947	0.59	ng	96
13) 1,4-Dichlorobenzene	6.62	146	3097	0.62	ng	89
14) 1,2-Dichlorobenzene	6.76	146	2931m	0.62	ng	
15) Benzyl Alcohol	6.75	79	8062	2.09	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	6.89	45	3110	0.60	ng	76
17) 2-Methylphenol	6.89	107	2356	0.66	ng	# 88
18) Hexachloroethane	7.11	117	950	0.50	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	1864	0.54	ng	# 90
20) 3+4-Methylphenols	7.06	107	2632	0.54	ng	86
22) Acetophenone	7.02	105	4249	0.57	ng	# 94
24) Nitrobenzene	7.19	77	4376	0.79	ng	95
25) Isophorone	7.43	82	6026m	0.62	ng	
26) 2-Nitrophenol	7.51	139	1222m	0.47	ng	
27) 2,4-Dimethylphenol	7.56	122	2205	0.50	ng	91
28) bis(2-Chloroethoxy)methane	7.64	93	3207m	0.53	ng	
29) 2,4-Dichlorophenol	7.77	162	2062	0.52	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	2830	0.65	ng	91
31) Naphthalene	7.91	128	9119	0.60	ng	98
33) 4-Chloroaniline	7.98	127	2535	0.40	ng	# 93
34) Hexachlorobutadiene	8.02	225	1241	0.51	ng	96
35) Caprolactam	8.30	113	241	0.20	ng	# 74
36) 4-Chloro-3-methylphenol	8.47	107	2585	0.55	ng	89
37) 2-Methylnaphthalene	8.59	142	6025	0.63	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	2326	0.48	ng	# 97
42) 2,4,6-Trichlorophenol	8.88	196	1500m	0.55	ng	
43) 2,4,5-Trichlorophenol	8.94	196	1553m	0.57	ng	
45) 1,1'-Biphenyl	9.06	154	7489	0.64	ng	96
46) 2-Chloronaphthalene	9.08	162	5737	0.64	ng	92
47) 2-Nitroaniline	9.19	65	1640	0.54	ng	94

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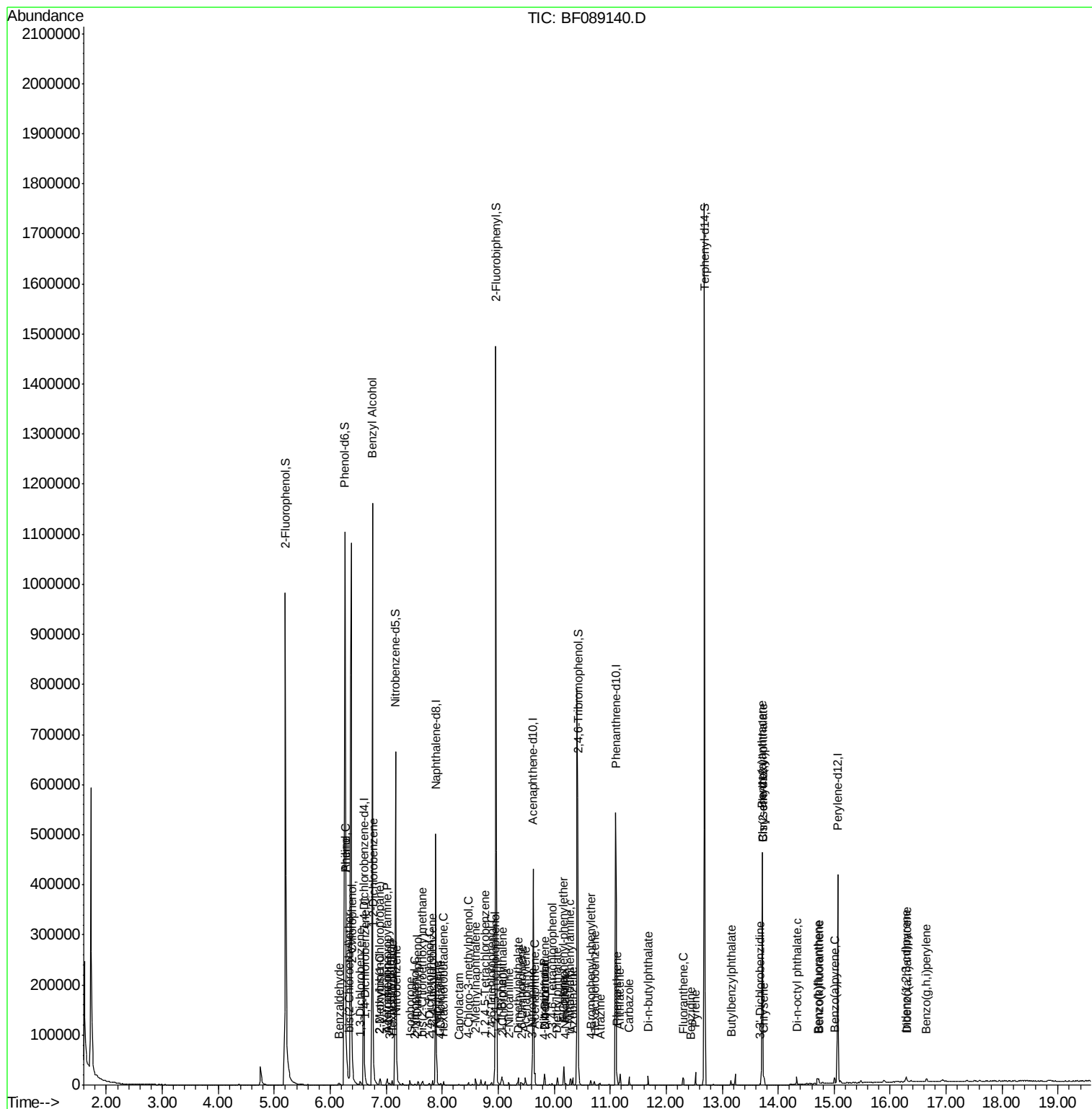
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.48	152	8931	0.64	ng	98
49) Dimethylphthalate	9.36	163	7142	0.72	ng #	96
50) 2,6-Dinitrotoluene	9.43	165	1202	0.53	ng	92
51) Acenaphthene	9.66	154	5745	0.69	ng	97
52) 3-Nitroaniline	9.60	138	1278	0.48	ng #	79
54) Dibenzofuran	9.83	168	8190	0.73	ng #	89
55) 4-Nitrophenol	9.82	139	513m	0.32	ng	
56) 2,4-Dinitrotoluene	9.83	165	1676	0.58	ng #	85
57) Fluorene	10.17	166	6909	0.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	1125	0.58	ng #	84
59) Diethylphthalate	10.06	149	6967	0.70	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	3185	0.73	ng #	85
61) 4-Nitroaniline	10.20	138	1158	0.44	ng	95
62) Azobenzene	10.33	77	7674	0.71	ng	91
65) n-Nitrosodiphenylamine	10.28	169	5394	0.62	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	1723	0.66	ng #	77
67) Hexachlorobenzene	10.72	284	1715	0.62	ng #	84
68) Atrazine	10.82	200	1435	0.52	ng	89
70) Phenanthrene	11.12	178	10176	0.71	ng	99
71) Anthracene	11.18	178	10451	0.70	ng	98
72) Carbazole	11.34	167	9231	0.70	ng	97
73) Di-n-butylphthalate	11.68	149	11139	0.69	ng	99
74) Fluoranthene	12.31	202	9804	0.65	ng	93
76) Benzidine	12.43	184	1346m	0.19	ng	
77) Pyrene	12.53	202	10894	0.64	ng	99
79) Butylbenzylphthalate	13.17	149	4025	0.56	ng #	79
80) Benzo(a)anthracene	13.71	228	8981	0.68	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	1530	0.35	ng #	80
82) Chrysene	13.75	228	8084	0.64	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	6032m	0.63	ng	
84) Di-n-octyl phthalate	14.33	149	9013	0.57	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.29	276	4909	0.54	ng	98
87) Benzo(b)fluoranthene	14.71	252	8770m	0.75	ng	
88) Benzo(k)fluoranthene	14.73	252	4435m	0.53	ng	
89) Benzo(a)pyrene	15.01	252	6274	0.69	ng	97
90) Dibenzo(a,h)anthracene	16.30	278	3899	0.55	ng #	90
91) Benzo(g,h,i)perylene	16.65	276	4336	0.60	ng	97

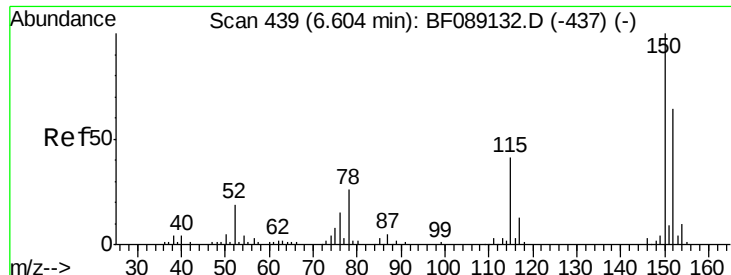
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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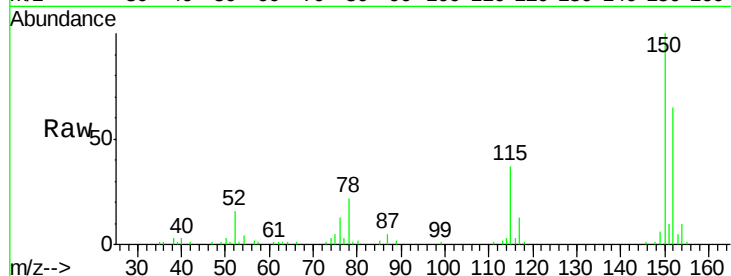




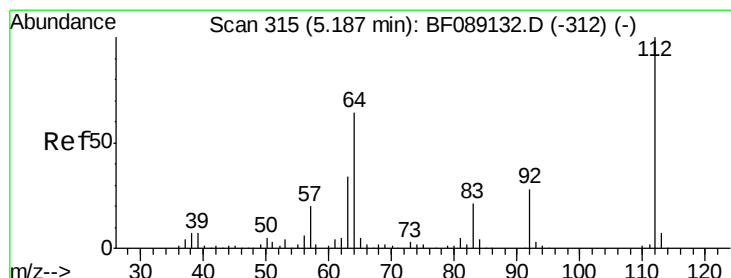
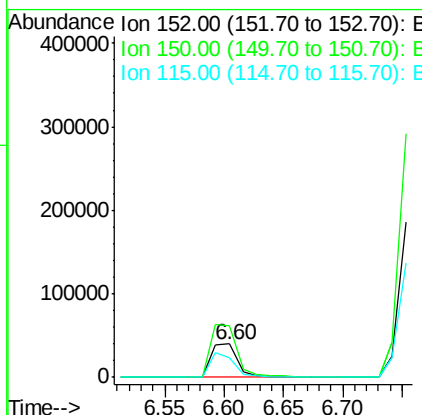
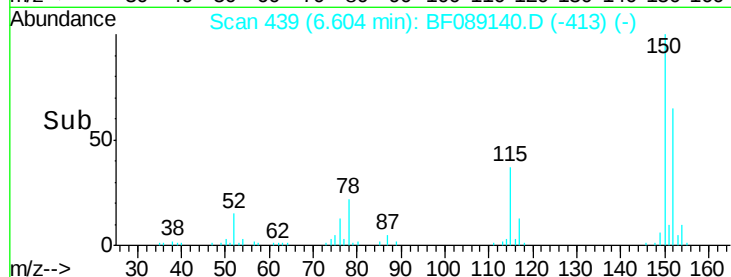
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:152 Resp: 62034
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.1 187.7
 115 56.9 51.1 76.7

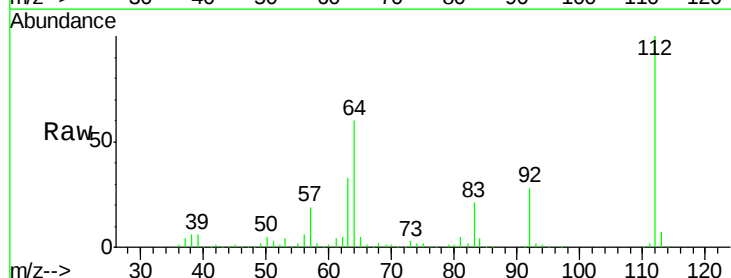


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

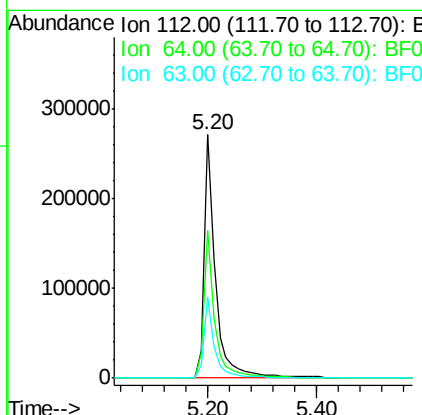
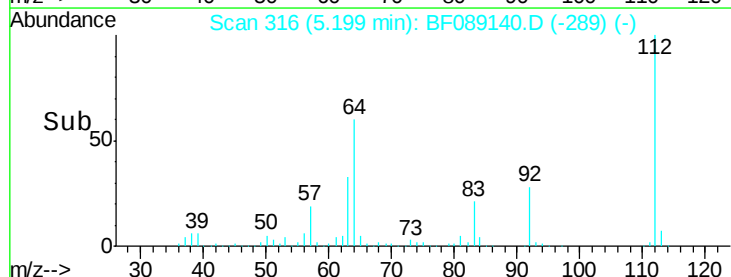


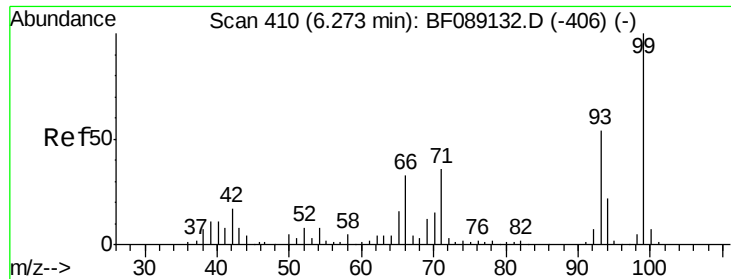
#5
 2-Fluorophenol
 Concen: 96.56 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:112 Resp: 393847
 Ion Ratio Lower Upper
 112 100
 64 60.4 51.0 76.4
 63 33.2 27.3 40.9



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: 0.32 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

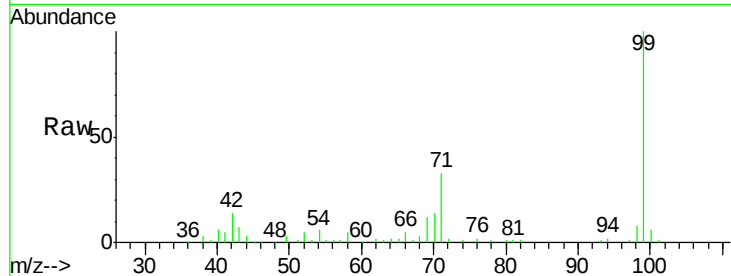
Tgt Ion: 93 Resp: 2270

Ion Ratio Lower Upper

93 100

66 490.1 48.9 73.3#

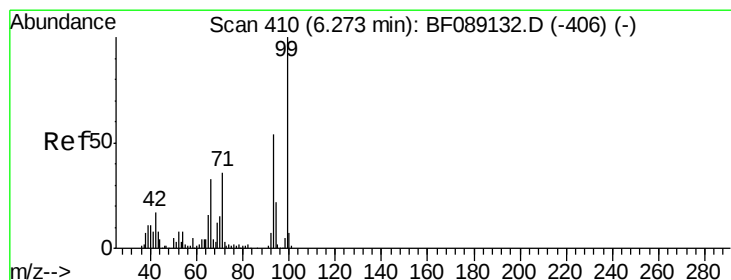
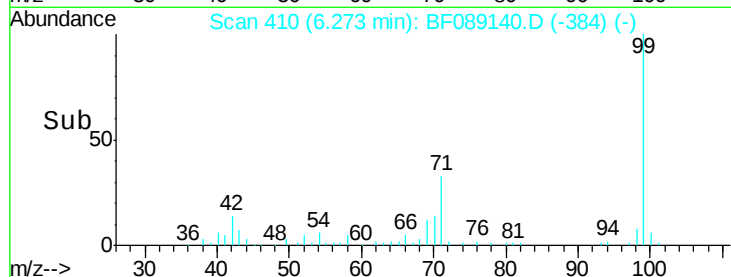
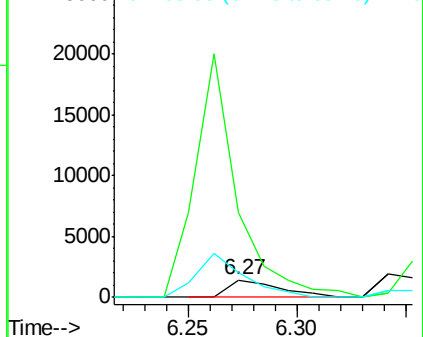
65 142.0 23.9 35.9#



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: 98.05 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

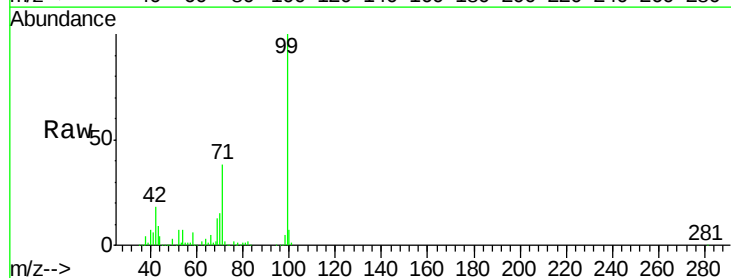
Tgt Ion: 99 Resp: 515714

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

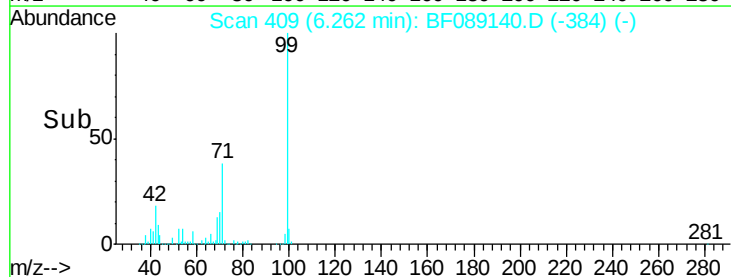
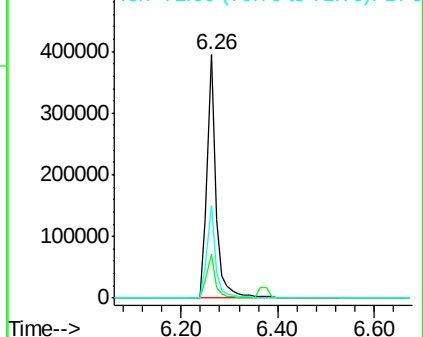
71 38.0 28.9 43.3

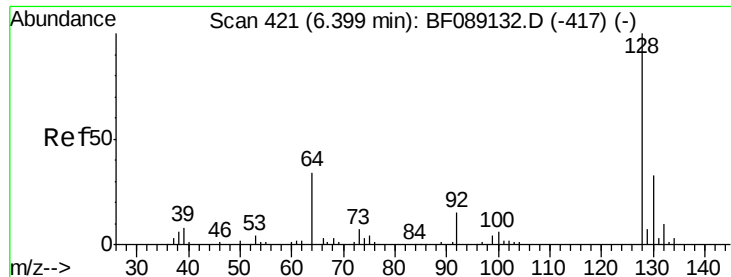


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.56 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

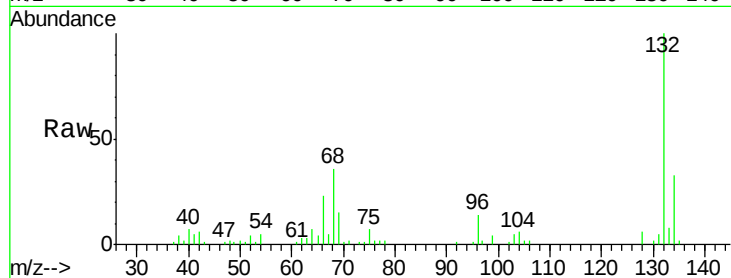
Tgt Ion:128 Resp: 2529

Ion Ratio Lower Upper

128 100

130 41.3 12.6 52.6

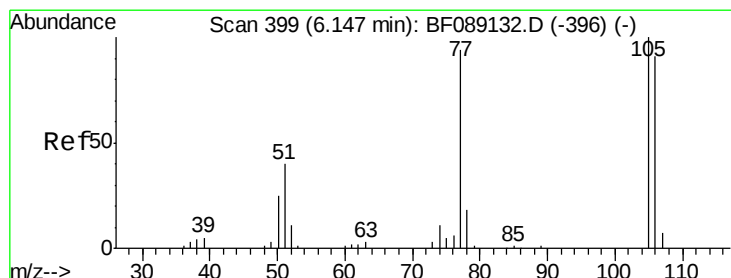
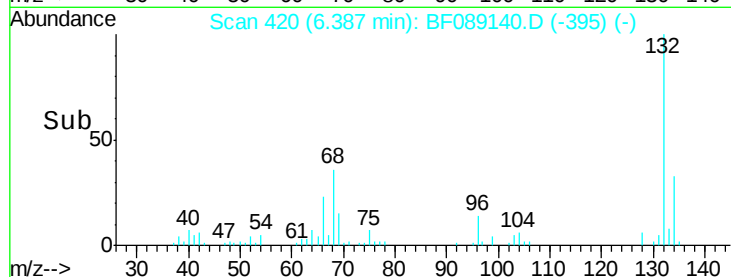
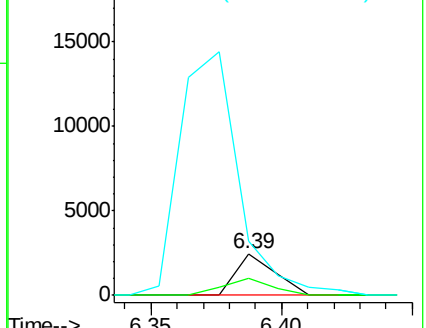
64 129.6 17.5 57.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.30 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

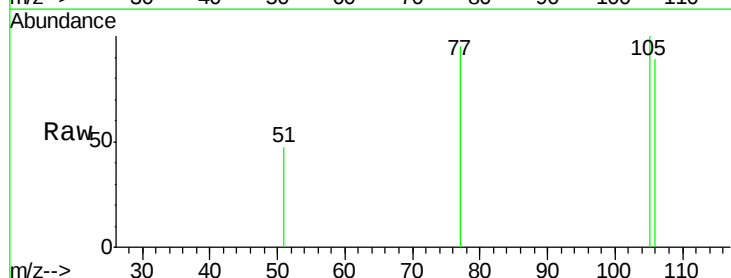
Tgt Ion: 77 Resp: 2196

Ion Ratio Lower Upper

77 100

105 105.5 86.2 126.2

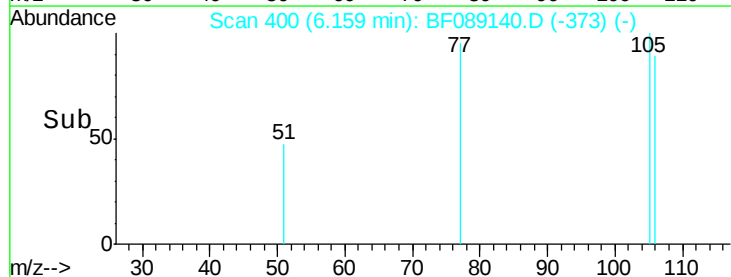
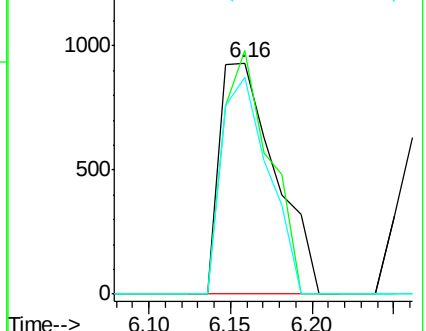
106 93.8 76.3 116.3

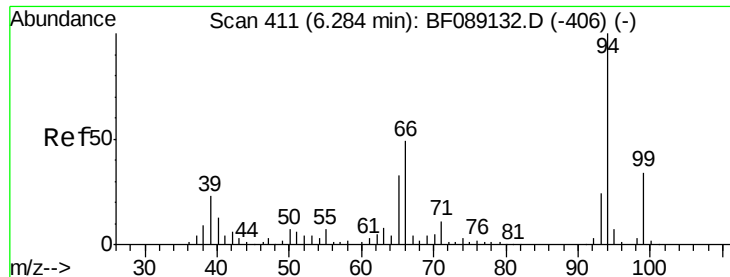


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.57 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

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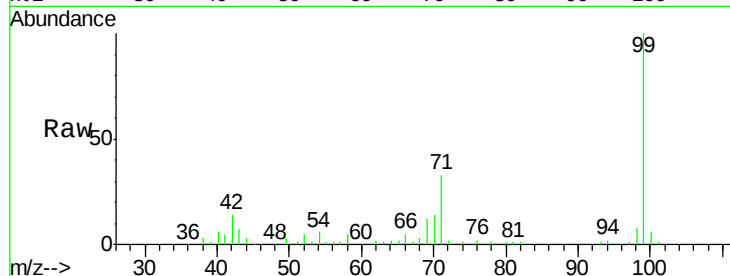
Tgt Ion: 94 Resp: 3484

Ion Ratio Lower Upper

94 100

65 77.1 13.3 53.3#

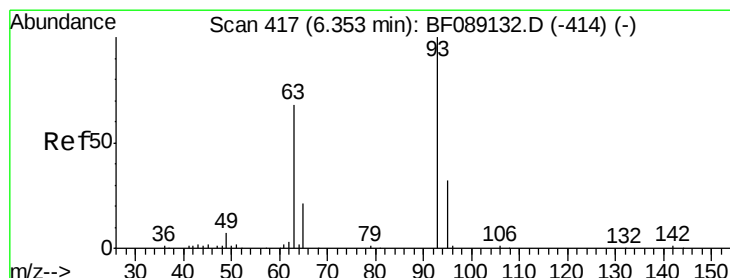
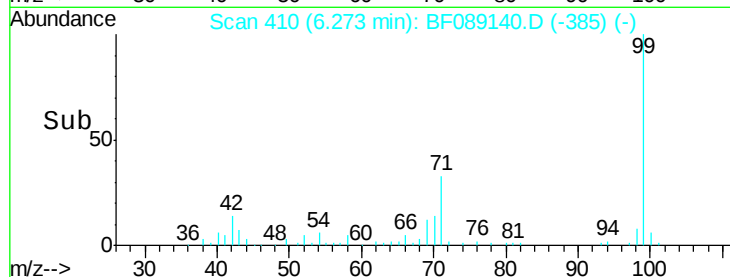
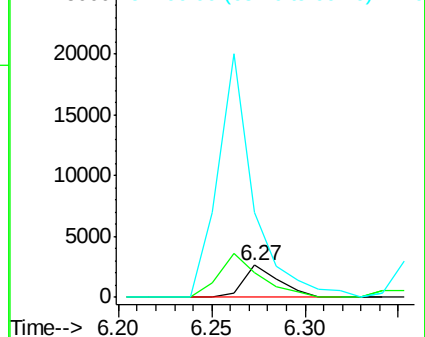
66 266.1 29.3 69.3#



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: 0.76 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

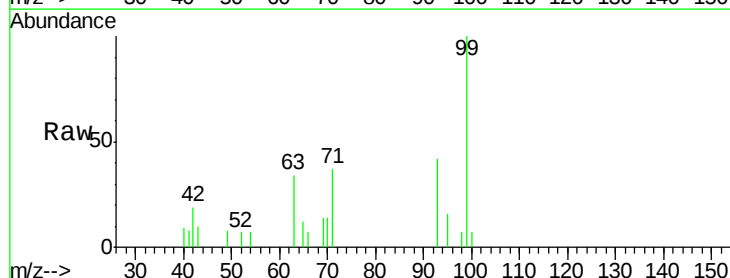
Tgt Ion: 93 Resp: 3450

Ion Ratio Lower Upper

93 100

63 81.1 47.3 87.3

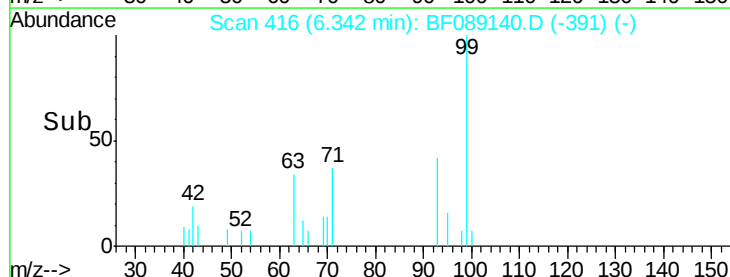
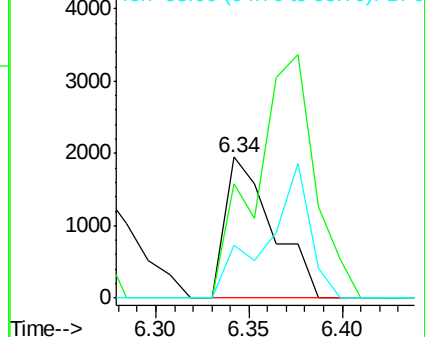
95 37.7 11.8 51.8

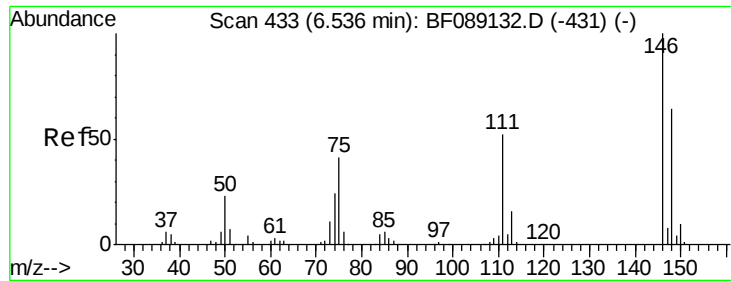


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

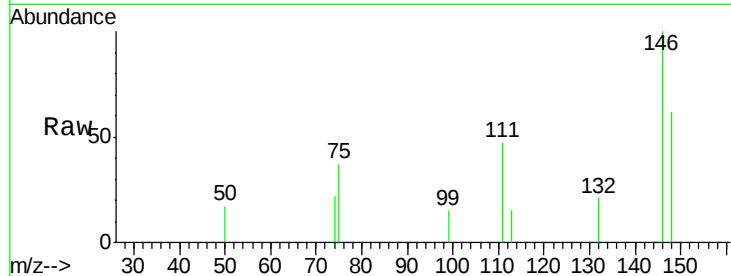




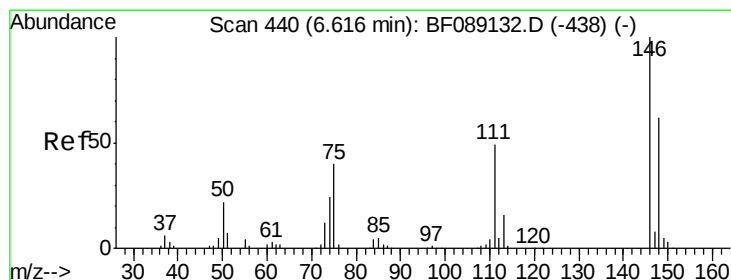
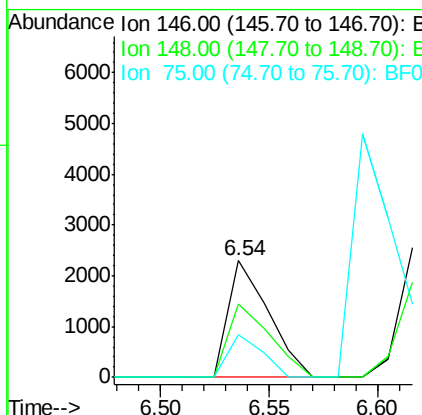
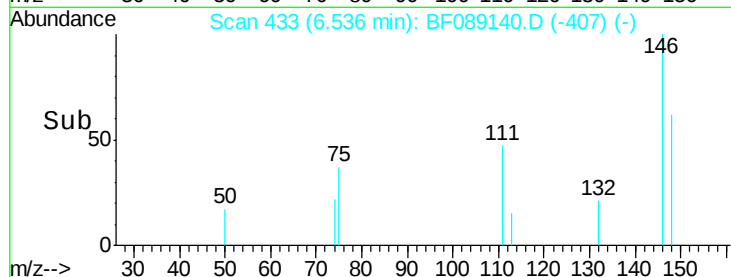
#12
 1,3-Dichlorobenzene
 Concen: 0.59 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
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Tgt Ion:146 Resp: 2947
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.0 76.6
 75 36.5 32.5 48.7

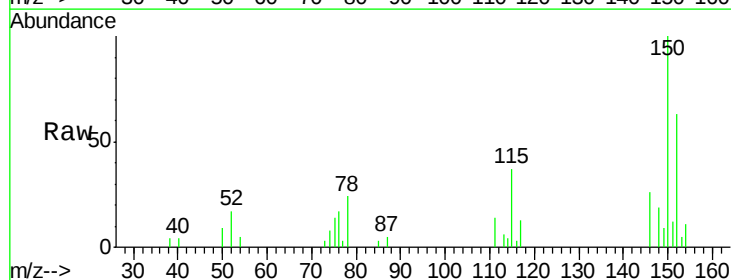


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

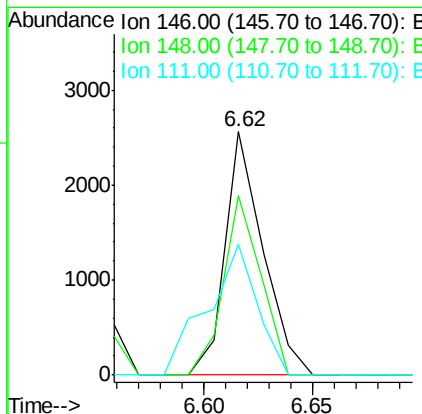
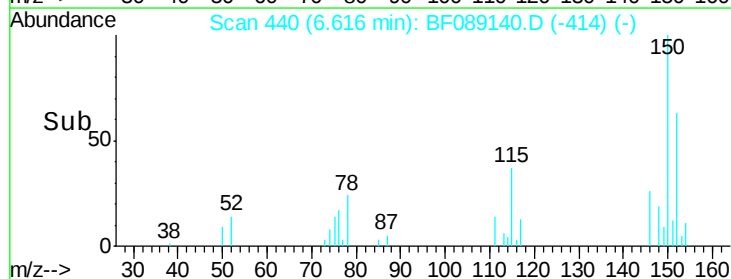


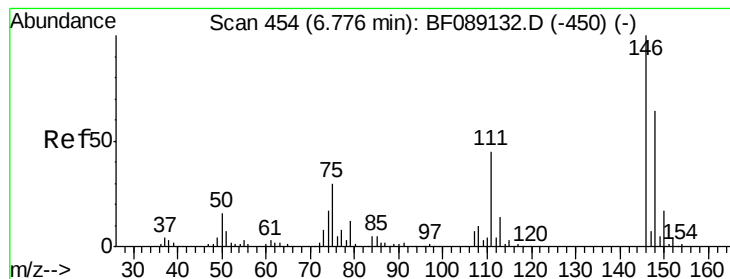
#13
 1,4-Dichlorobenzene
 Concen: 0.62 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:146 Resp: 3097
 Ion Ratio Lower Upper
 146 100
 148 73.5 49.9 74.9
 111 53.5 39.8 59.6



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





#14

1,2-Dichlorobenzene

Concen: 0.62 ng m

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

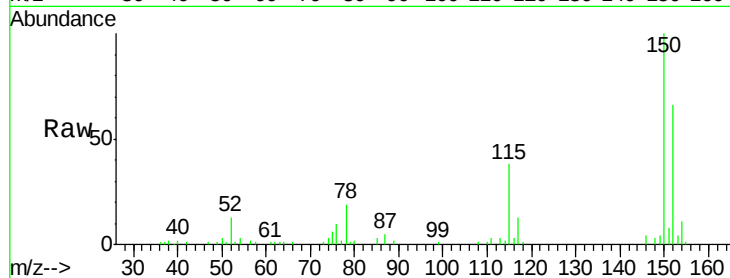
Tgt Ion:146 Resp: 2931

Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.0

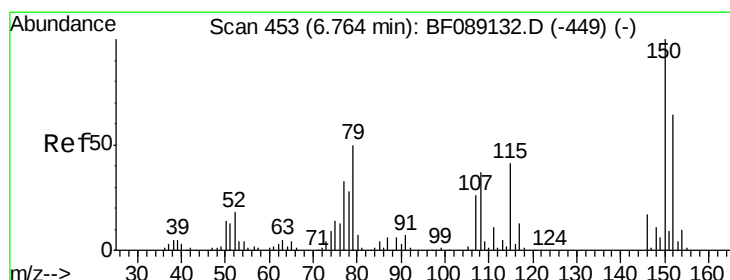
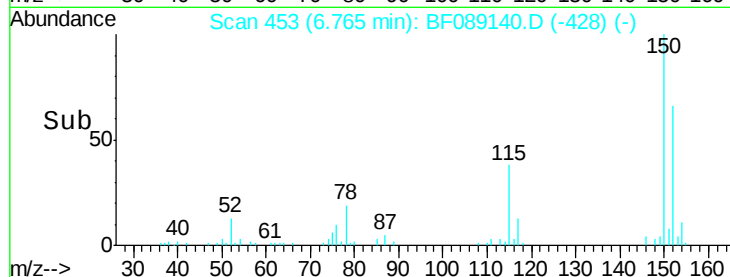
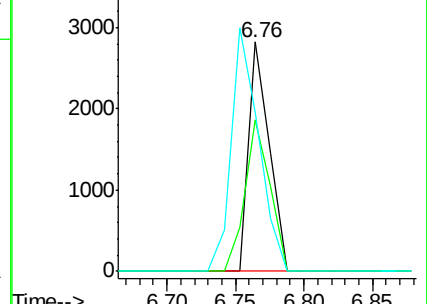
111 69.6 35.9 53.9#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

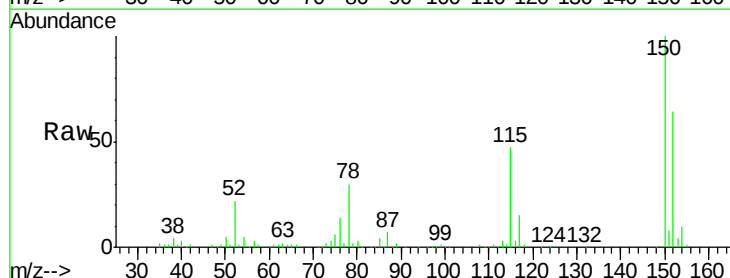
Tgt Ion: 79 Resp: 8062

Ion Ratio Lower Upper

79 100

108 27.7 58.2 87.4#

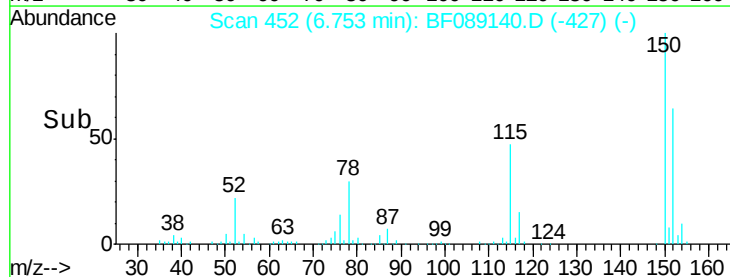
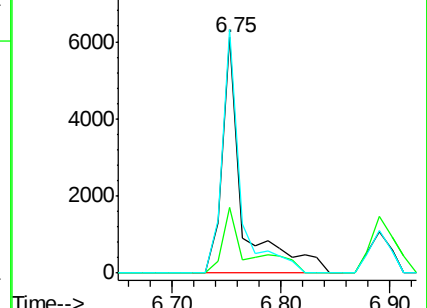
77 103.3 52.2 78.4#

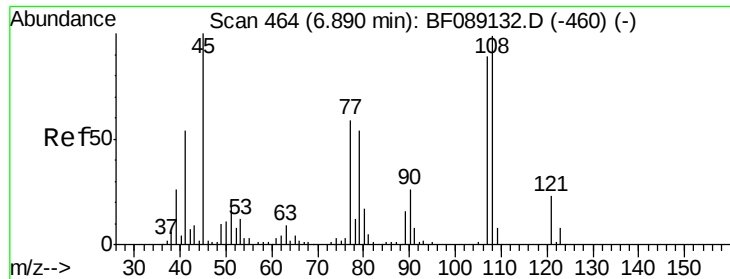


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

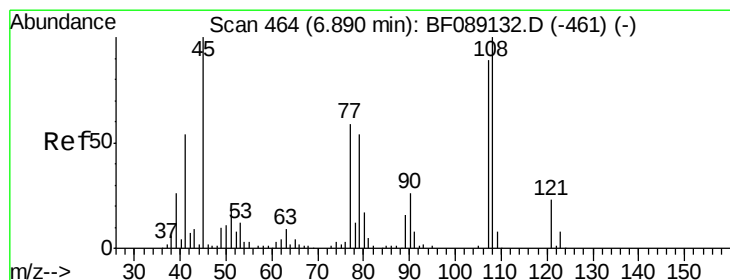
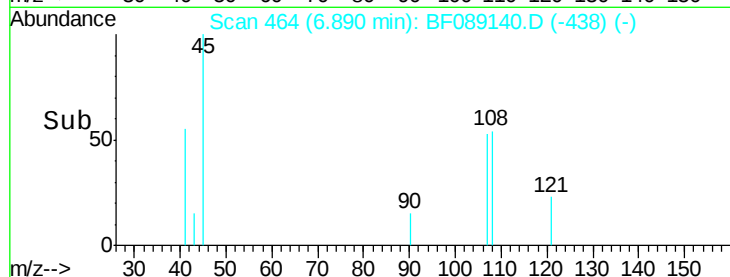
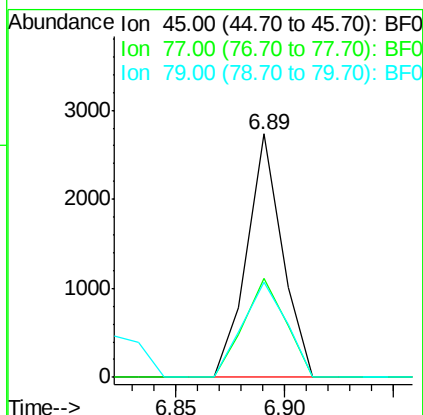
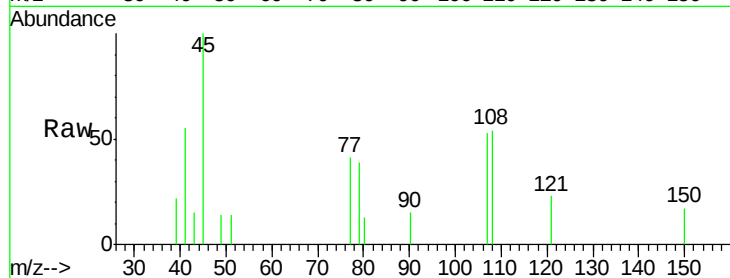




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.60 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

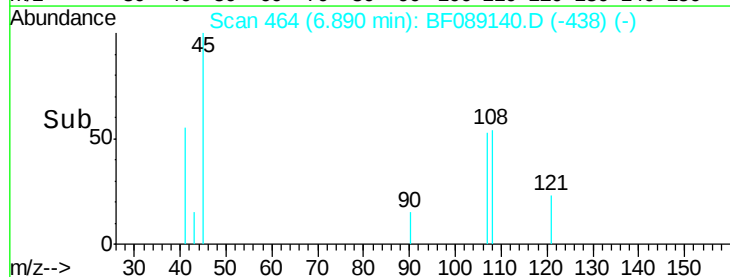
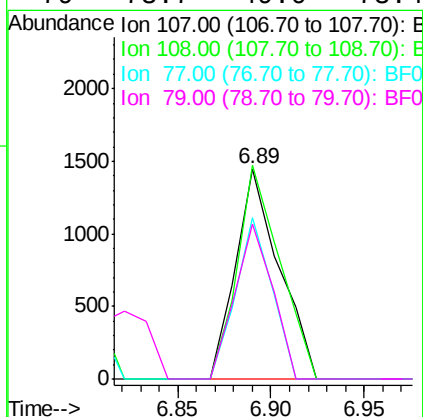
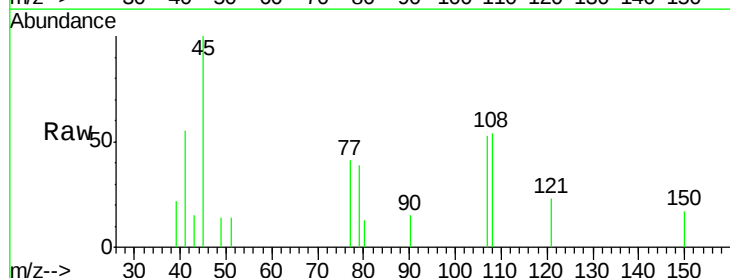
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

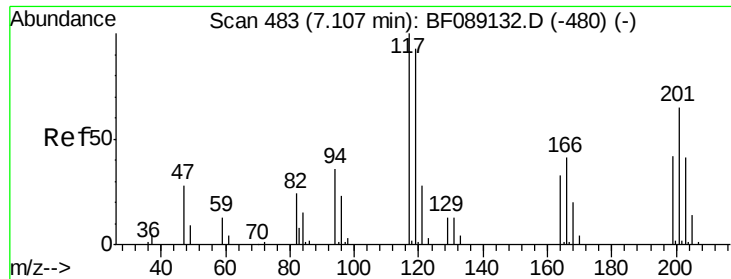
Tgt Ion: 45 Resp: 3110
Ion Ratio Lower Upper
45 100
77 40.7 39.7 79.7
79 39.1 34.7 74.7



#17
2-Methylphenol
Concen: 0.66 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion: 107 Resp: 2356
Ion Ratio Lower Upper
107 100
108 101.4 89.4 134.2
77 76.8 53.4 80.0
79 73.7 49.0 73.4#

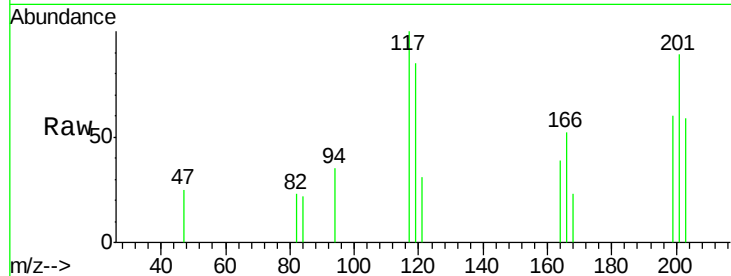




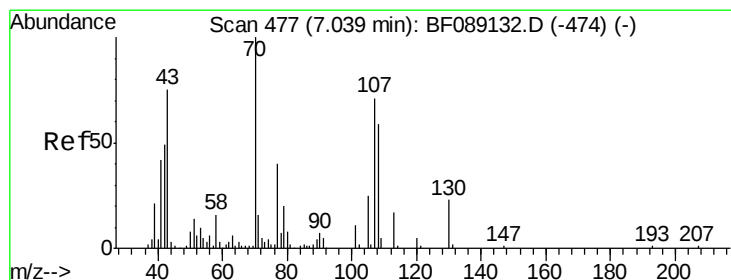
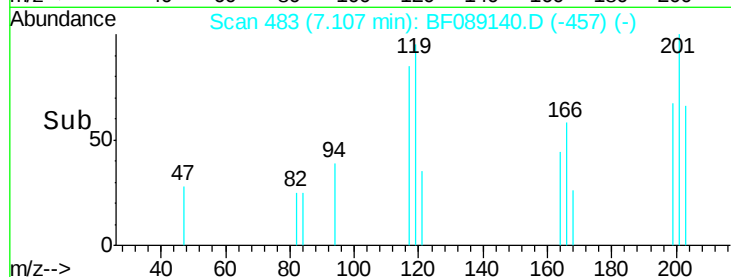
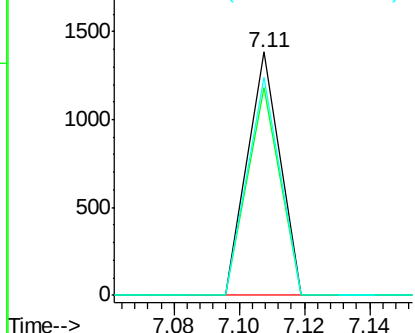
#18
Hexachloroethane
Concen: 0.50 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 117 Resp: 950
Ion Ratio Lower Upper
117 100
119 85.1 74.5 111.7
201 89.4 51.8 77.6#



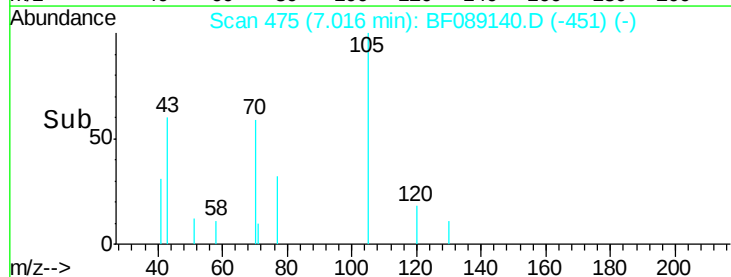
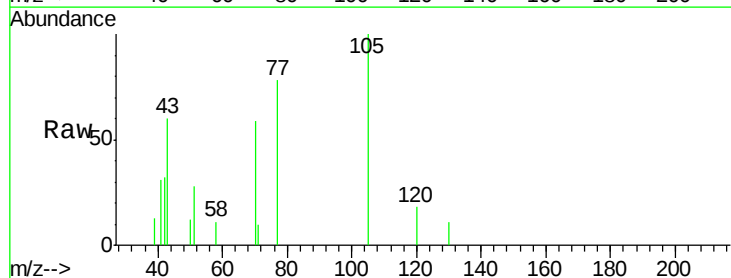
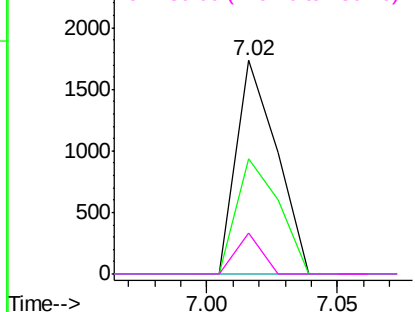
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

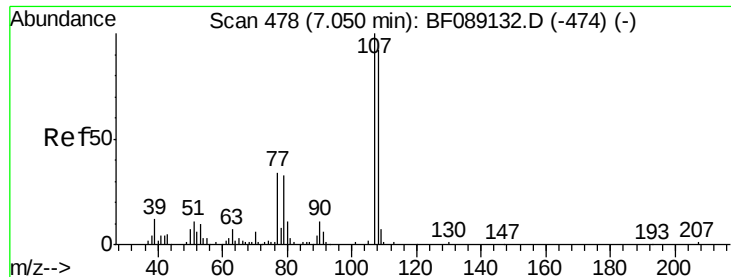


#19
n-Nitroso-di-n-propylamine
Concen: 0.54 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion: 70 Resp: 1864
Ion Ratio Lower Upper
70 100
42 53.7 39.2 58.8
101 0.0 8.5 12.7#
130 19.2 18.4 27.6

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





#20

3+4-Methylphenols

Concen: 0.54 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:107 Resp: 2632

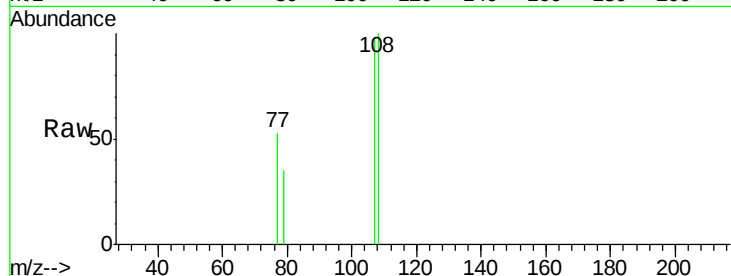
Ion Ratio Lower Upper

107 100

108 103.2 72.5 112.5

77 54.6 17.7 57.7

79 36.2 12.9 52.9

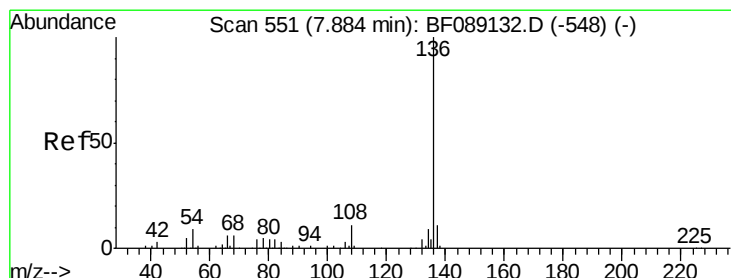
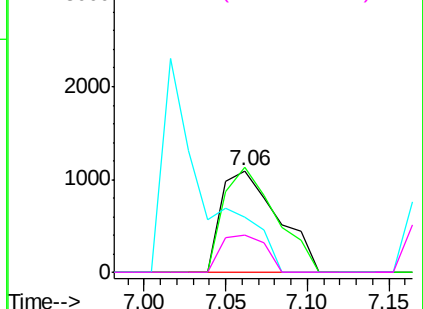
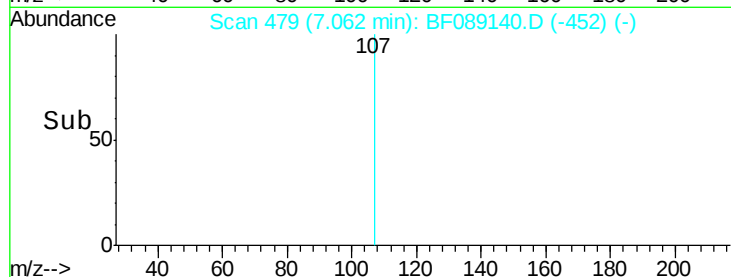


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Tgt Ion:136 Resp: 279992

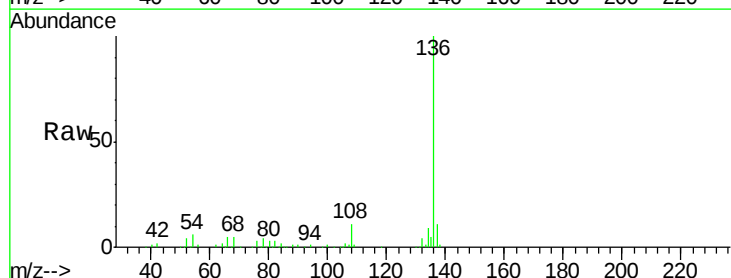
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.2 7.0 10.4#

68 5.0 5.0 7.6#

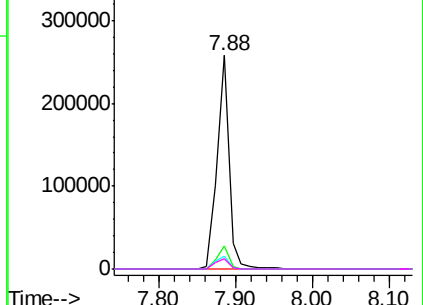
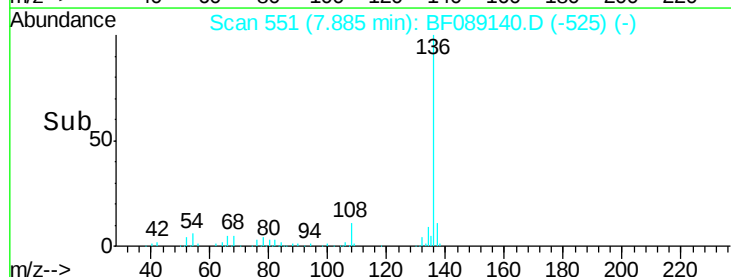


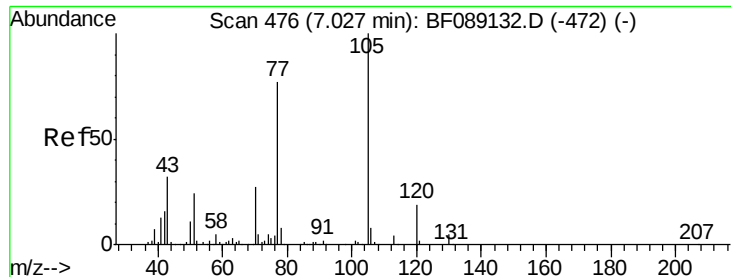
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.57 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion: 105 Resp: 4249

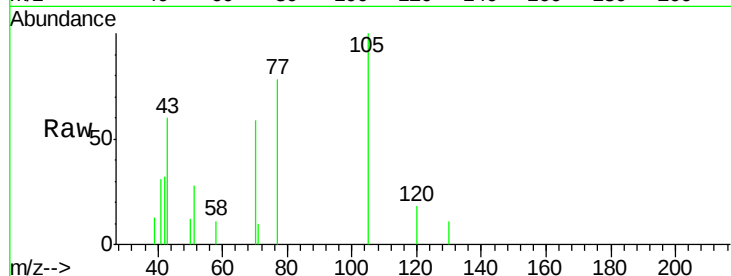
Ion Ratio Lower Upper

105 100

71 10.3 3.8 5.6#

51 28.3 19.6 29.4

120 18.3 15.5 23.3

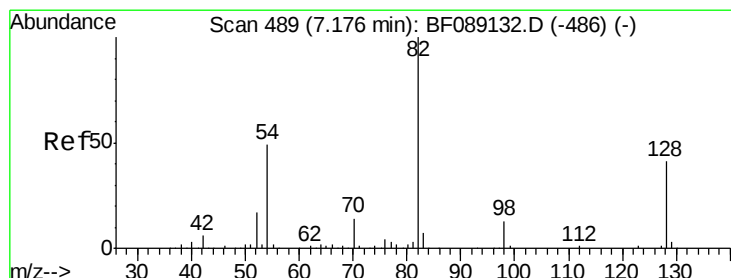
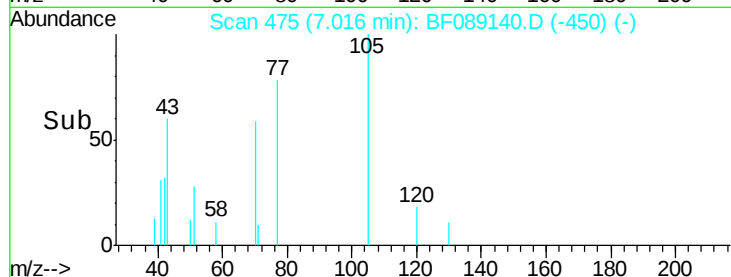
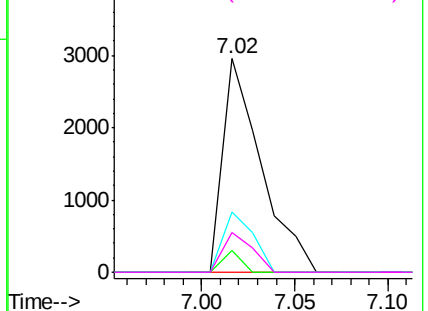


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 59.50 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

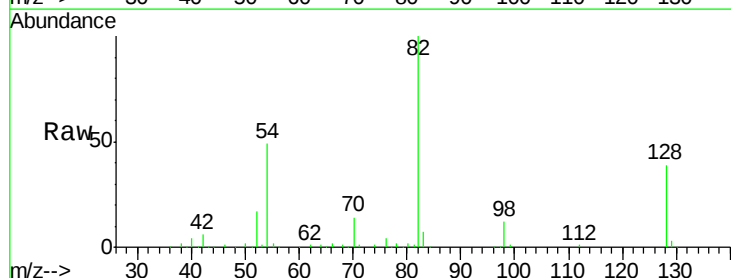
Tgt Ion: 82 Resp: 313520

Ion Ratio Lower Upper

82 100

128 39.5 33.0 49.6

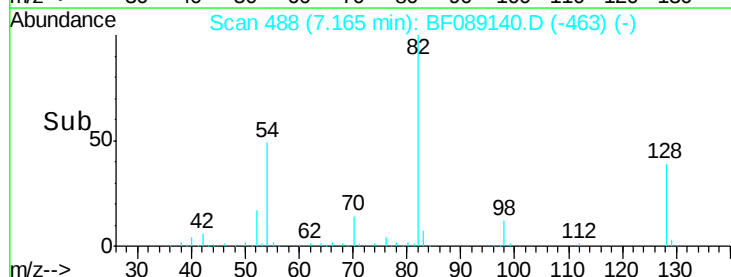
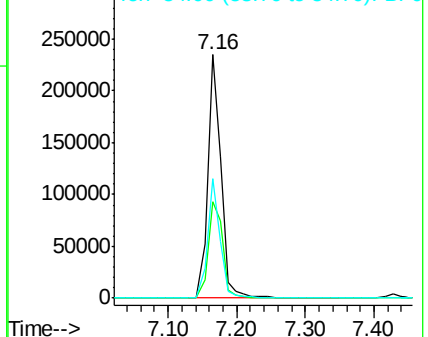
54 49.1 39.0 58.4

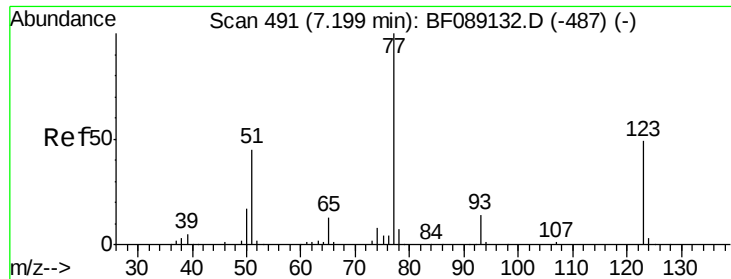


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

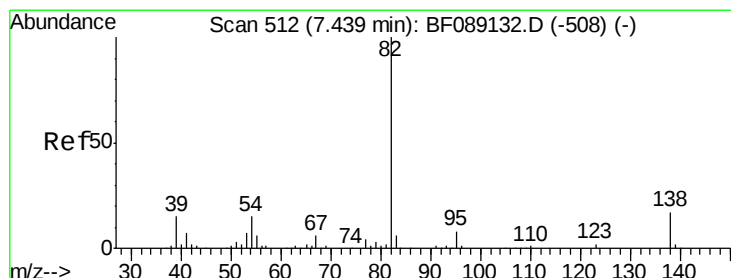
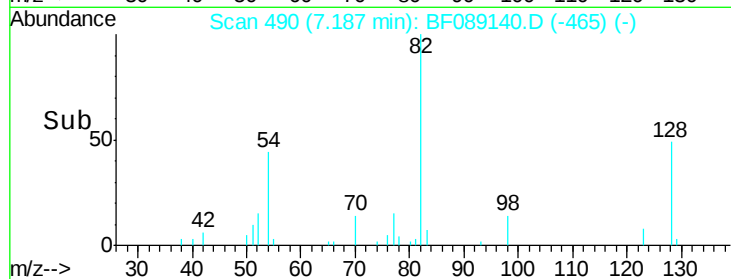
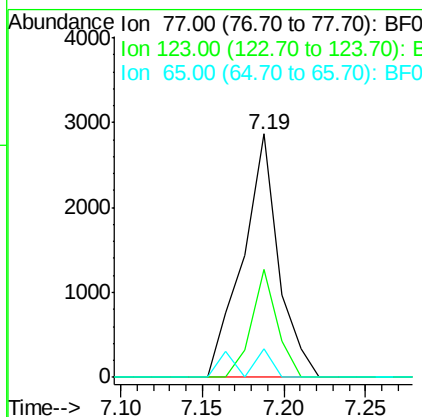
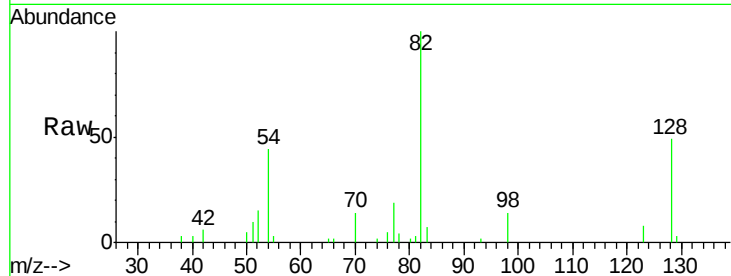




#24
 Nitrobenzene
 Concen: 0.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

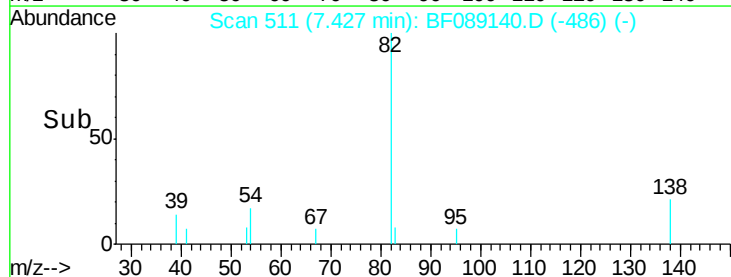
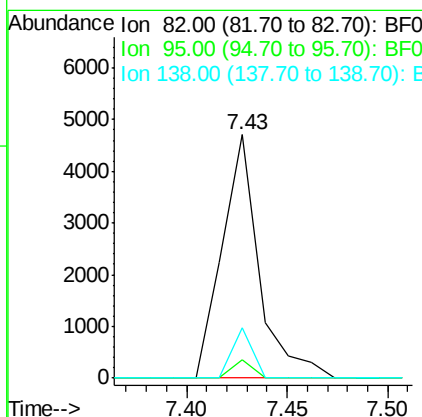
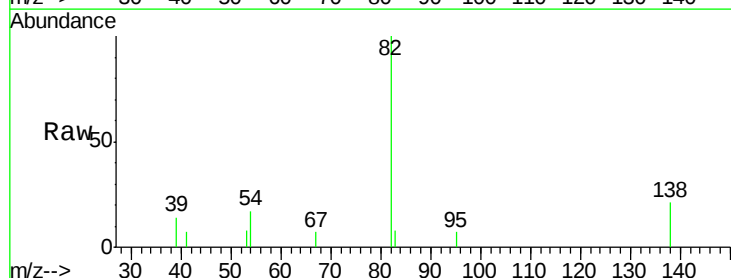
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

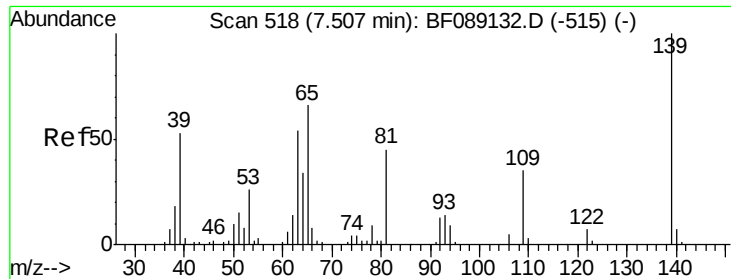
Tgt Ion: 77 Resp: 4376
 Ion Ratio Lower Upper
 77 100
 123 44.5 38.9 58.3
 65 12.0 10.6 15.8



#25
 Isophorone
 Concen: 0.62 ng m
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 82 Resp: 6026
 Ion Ratio Lower Upper
 82 100
 95 7.3 6.1 9.1
 138 20.7 13.6 20.4#

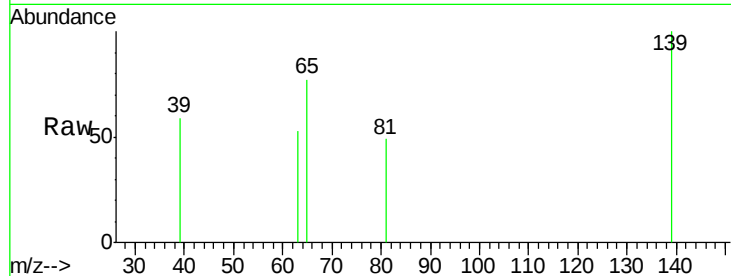




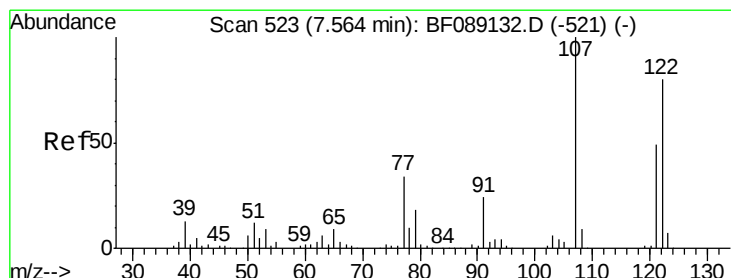
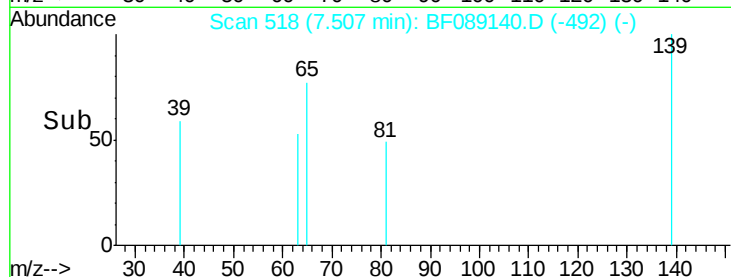
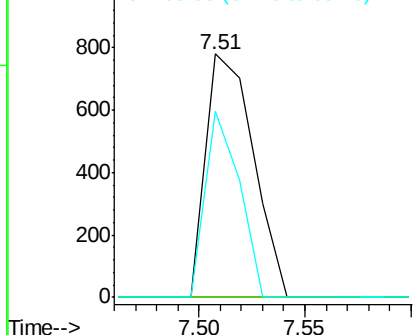
#26
 2-Nitrophenol
 Concen: 0.47 ng m
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:139 Resp: 1222
 Ion Ratio Lower Upper
 139 100
 109 0.0 28.1 42.1#
 65 76.5 52.7 79.1

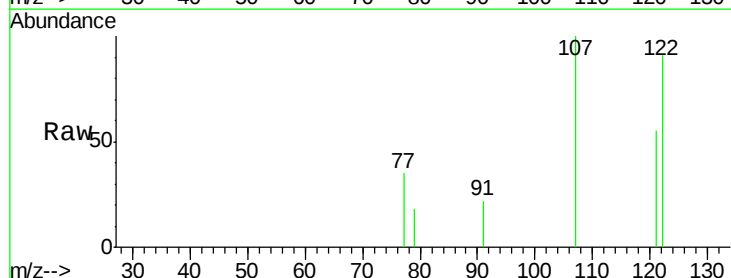


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

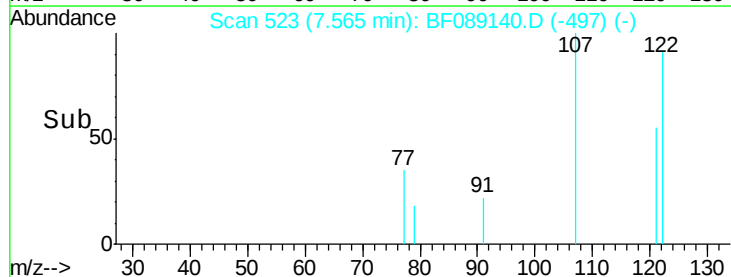
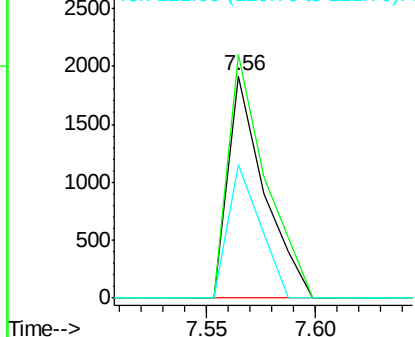


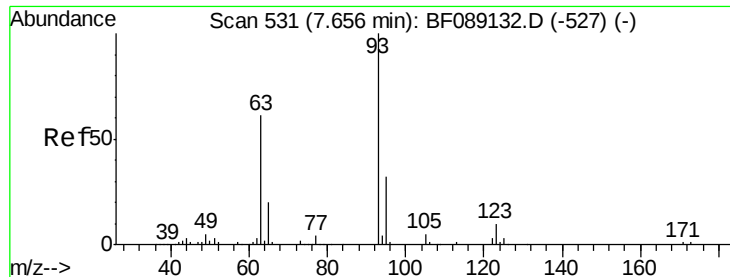
#27
 2,4-Dimethylphenol
 Concen: 0.50 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:122 Resp: 2205
 Ion Ratio Lower Upper
 122 100
 107 109.6 99.7 149.5
 121 60.3 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

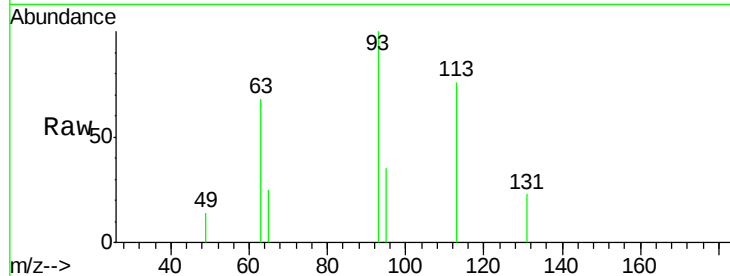




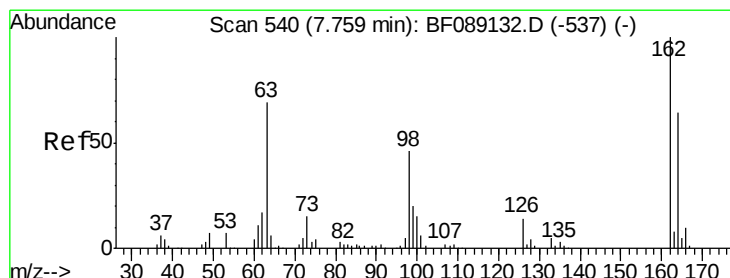
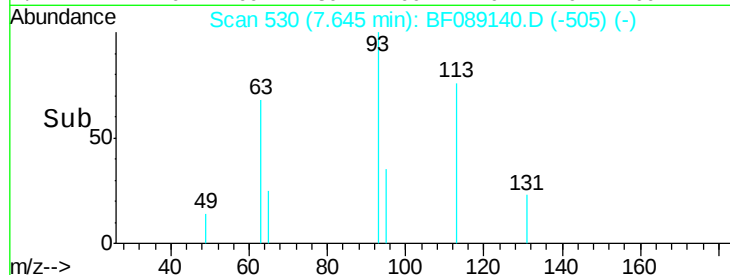
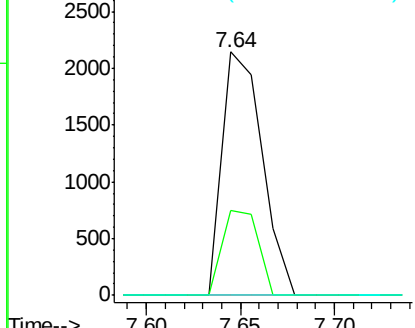
#28
bis(2-Chloroethoxy)methane
Concen: 0.53 ng m
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 93 Resp: 3207
Ion Ratio Lower Upper
93 100
95 34.7 25.4 38.0
123 0.0 8.3 12.5#

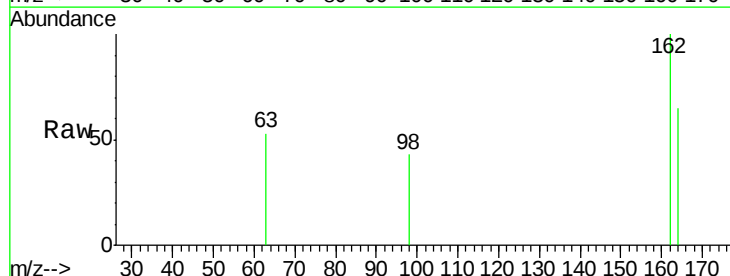


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0

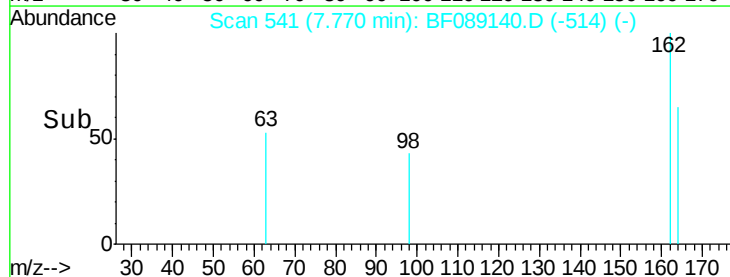
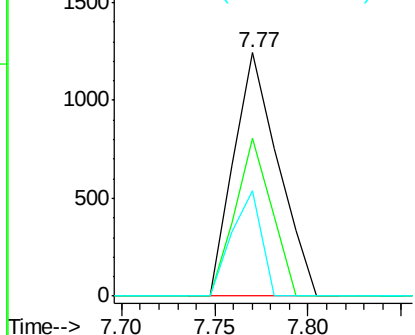


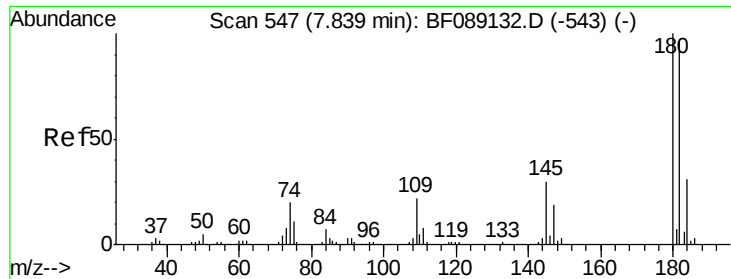
#29
2,4-Dichlorophenol
Concen: 0.52 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion: 162 Resp: 2062
Ion Ratio Lower Upper
162 100
164 65.1 44.0 84.0
98 43.4 26.0 66.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

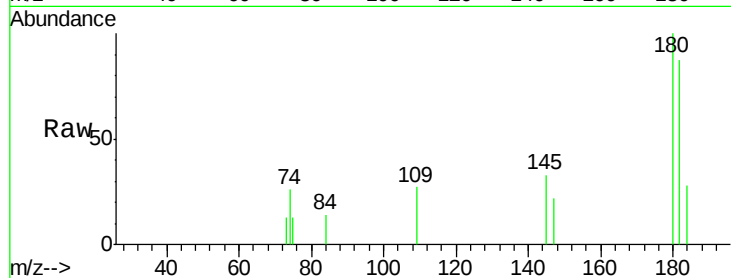




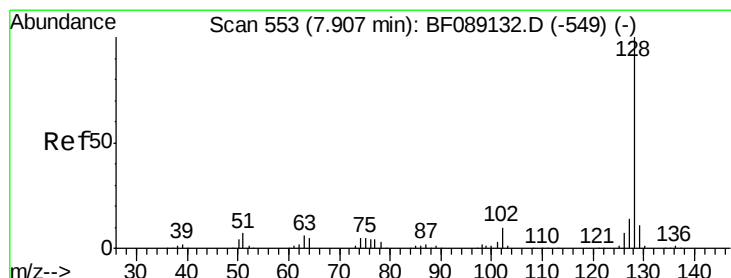
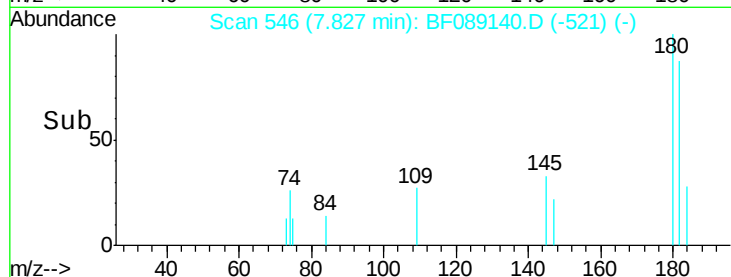
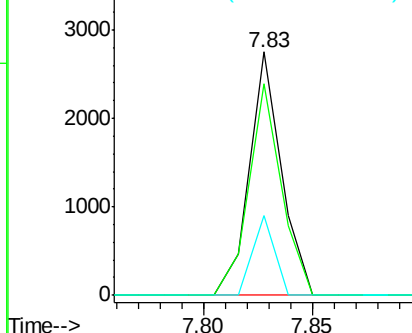
#30
 1,2,4-Trichlorobenzene
 Concen: 0.65 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:180 Resp: 2830
 Ion Ratio Lower Upper
 180 100
 182 86.8 77.6 116.4
 145 32.9 24.0 36.0

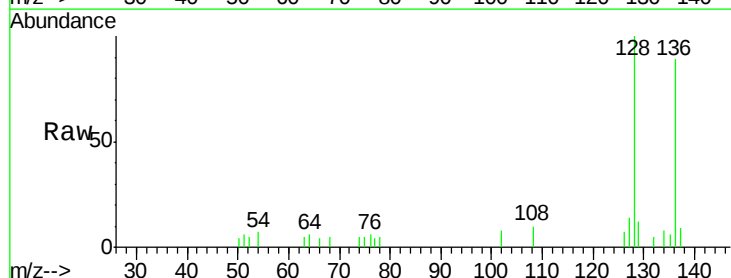


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

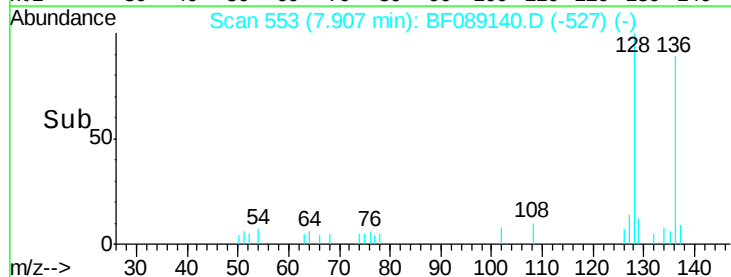
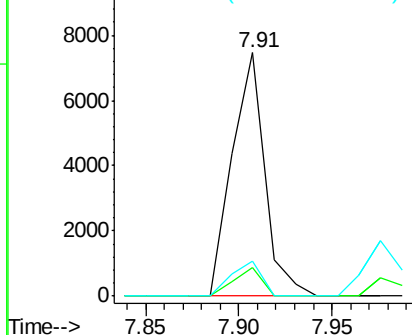


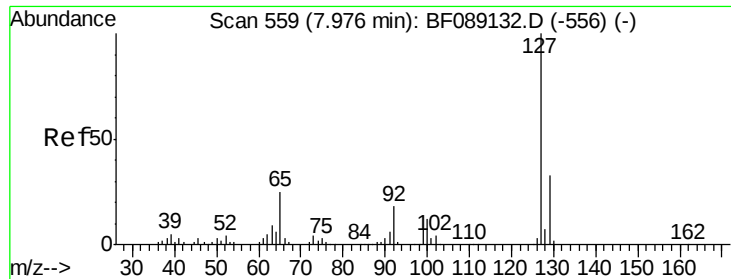
#31
 Naphthalene
 Concen: 0.60 ng
 RT: 7.91 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:128 Resp: 9119
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.9 13.3
 127 14.2 10.8 16.2



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

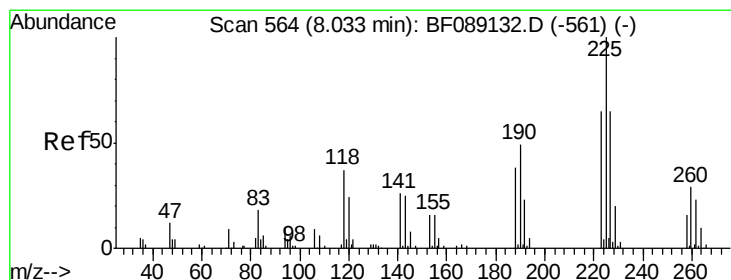
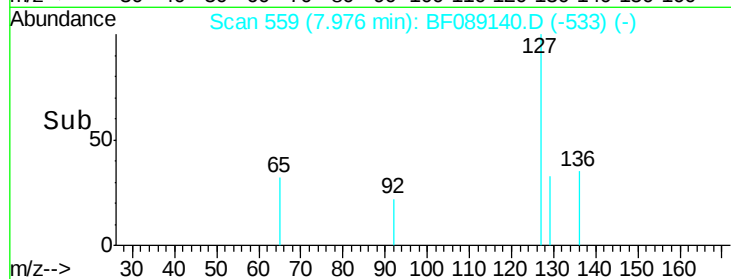
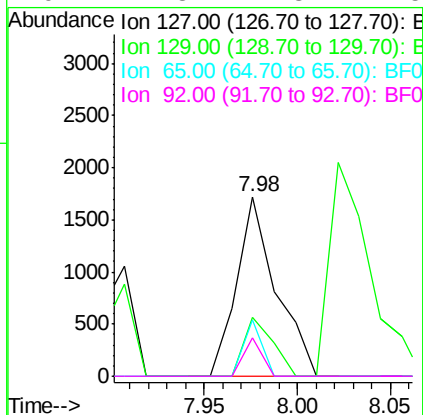
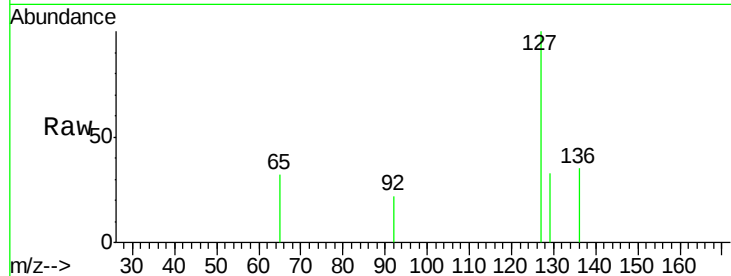




#33
4-Chloroaniline
Concen: 0.40 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

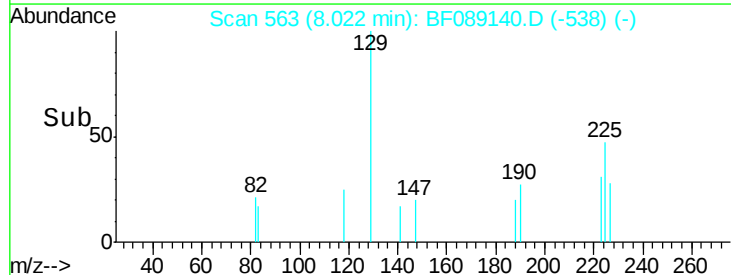
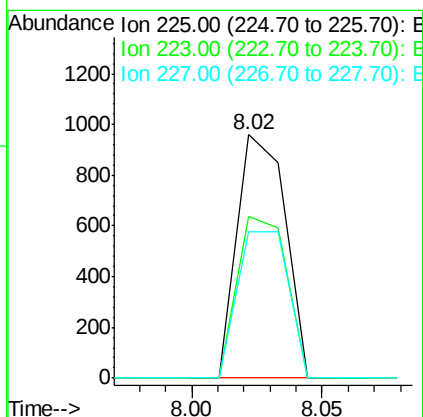
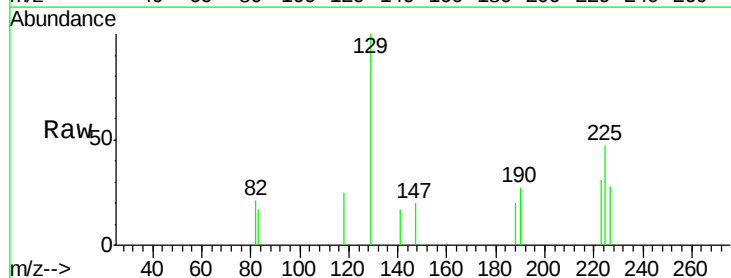
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

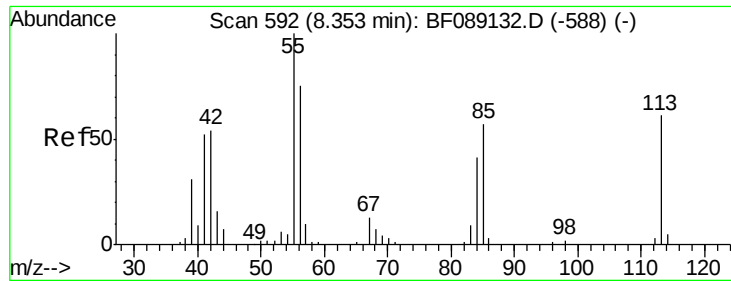
Tgt Ion:	127	Resp:	2535
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.7	19.7	29.5
92	21.8	14.3	21.5



#34
Hexachlorobutadiene
Concen: 0.51 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:	225	Resp:	1241
Ion	Ratio	Lower	Upper
225	100		
223	66.4	51.6	77.4
227	60.3	51.6	77.4

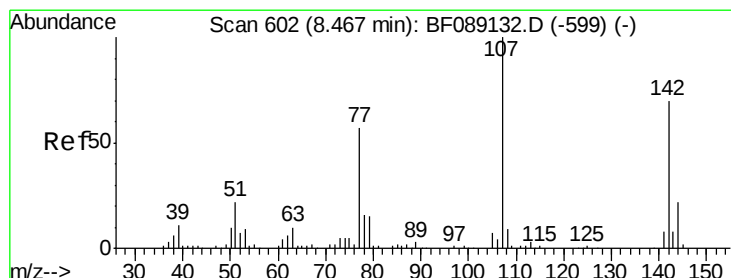
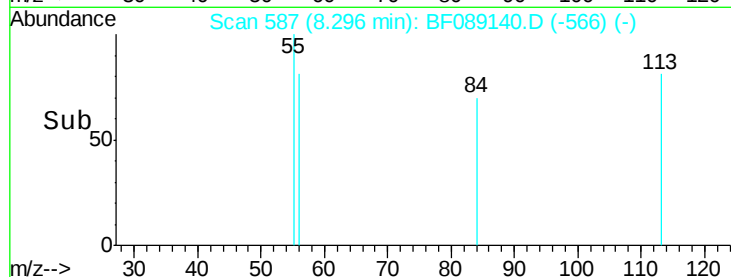
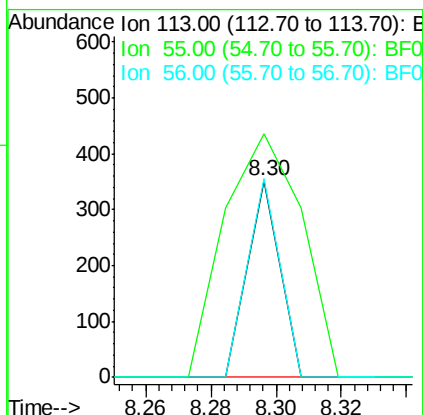
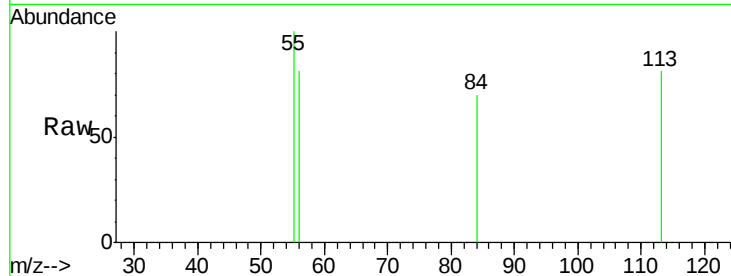




#35
 Caprolactam
 Concen: 0.20 ng
 RT: 8.30 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

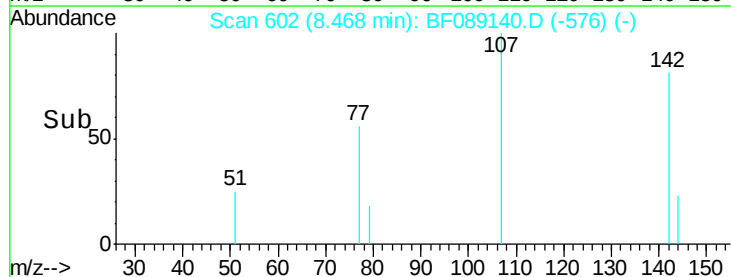
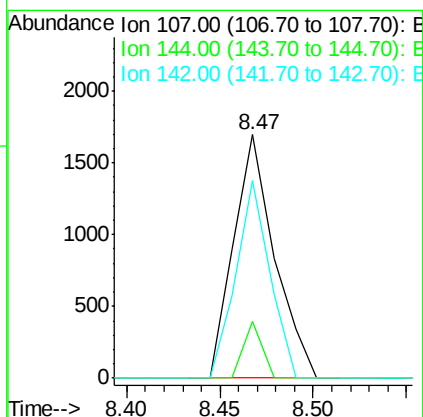
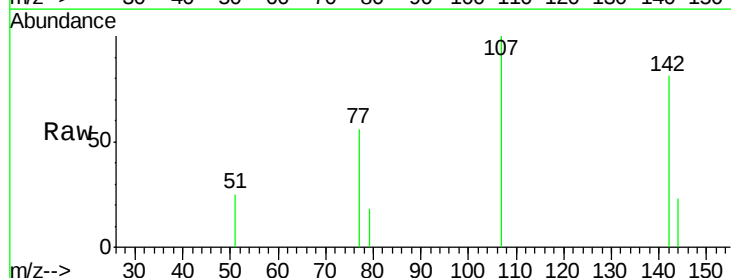
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

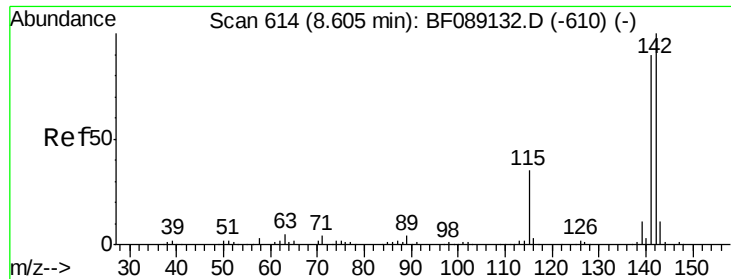
Tgt Ion:113 Resp: 241
 Ion Ratio Lower Upper
 113 100
 55 123.9 145.3 185.3#
 56 100.9 104.3 144.3#



#36
 4-Chloro-3-methylphenol
 Concen: 0.55 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:107 Resp: 2585
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.8 26.6
 142 81.3 56.1 84.1

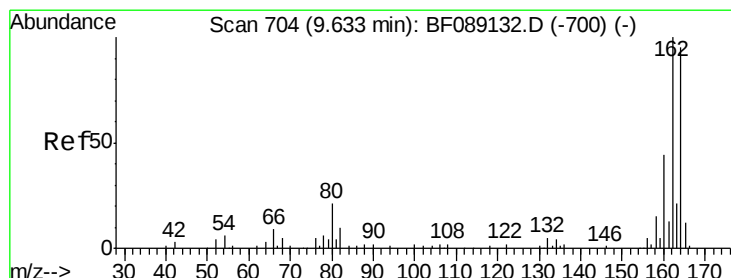
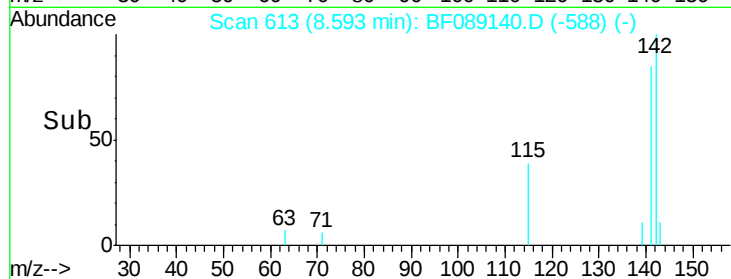
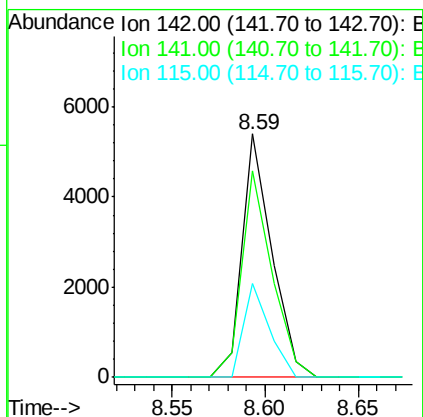
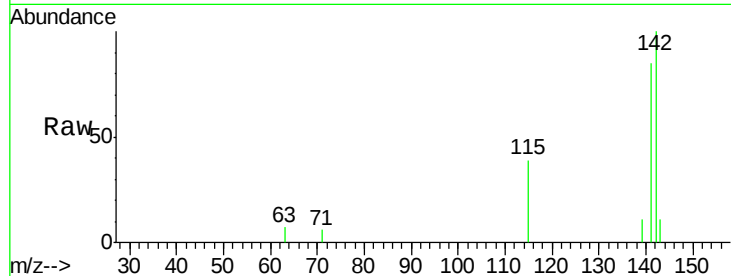




#37
 2-Methylnaphthalene
 Concen: 0.63 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

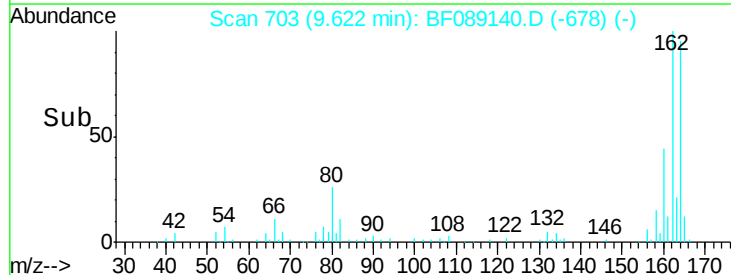
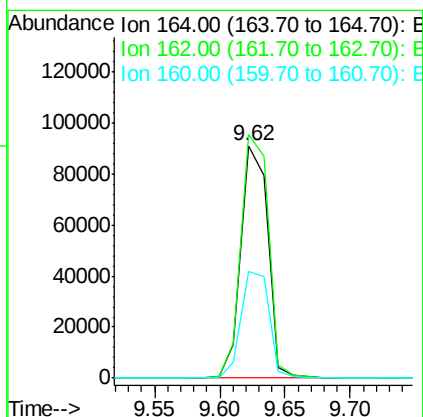
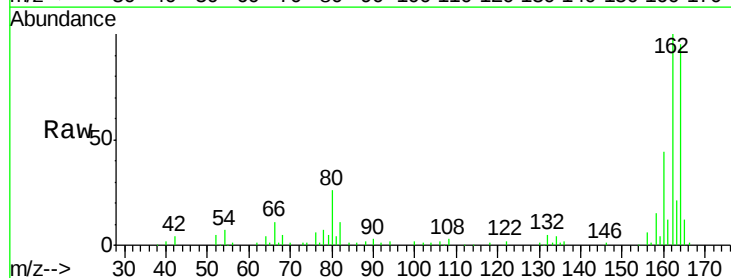
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

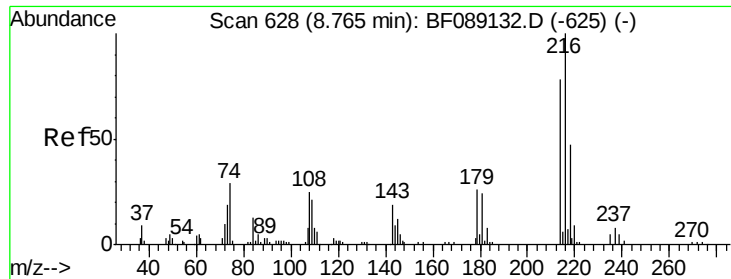
Tgt Ion:142 Resp: 6025
 Ion Ratio Lower Upper
 142 100
 141 84.6 71.6 107.4
 115 38.8 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:164 Resp: 130166
 Ion Ratio Lower Upper
 164 100
 162 104.7 84.1 126.1
 160 46.0 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.48 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:216 Resp: 2326

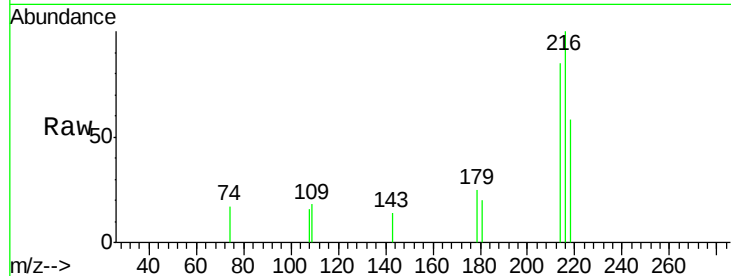
Ion Ratio Lower Upper

216 100

214 76.6 61.9 92.9

179 16.4 18.4 27.6#

108 20.5 17.0 25.6

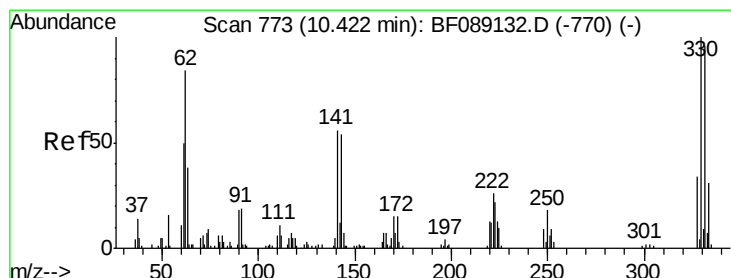
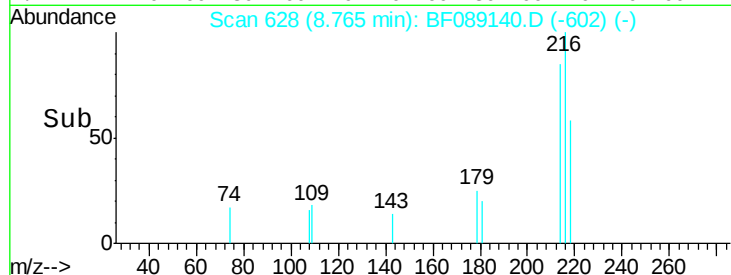
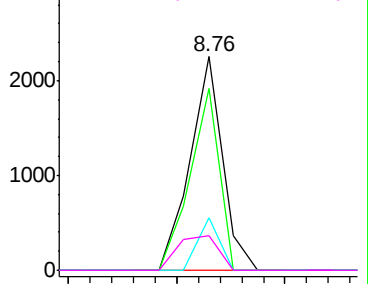


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 104.36 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

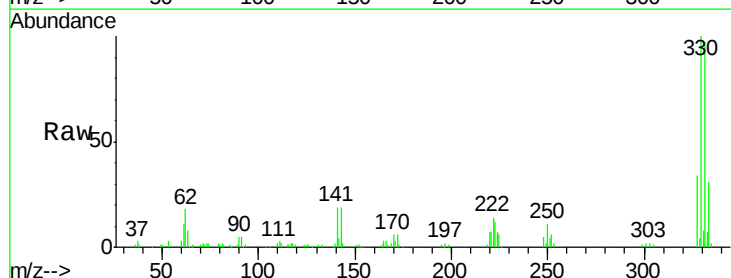
Tgt Ion:330 Resp: 122297

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

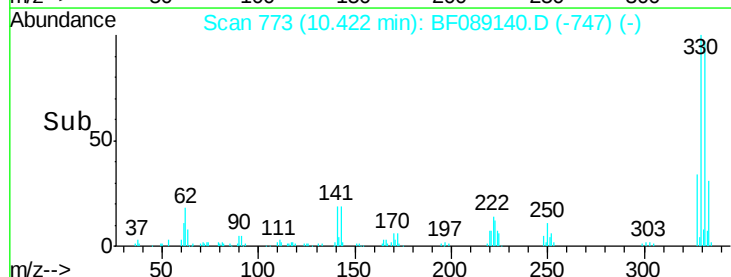
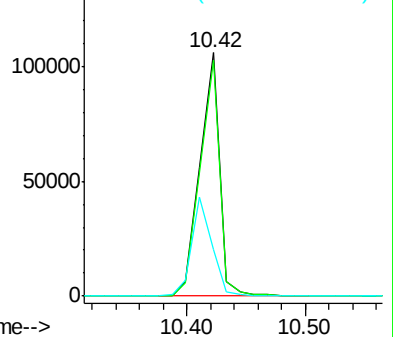
141 41.4 42.2 63.2#

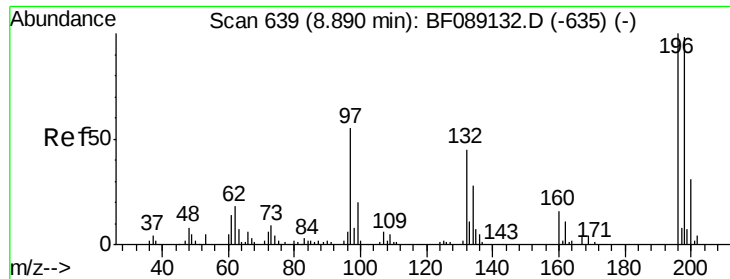


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

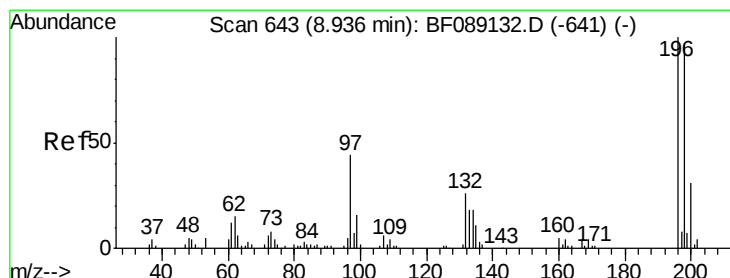
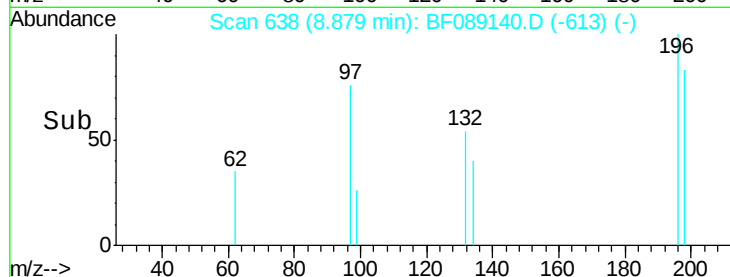
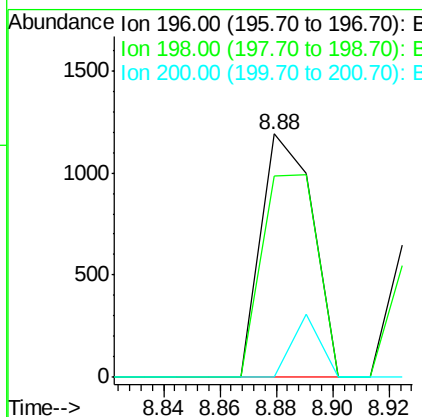
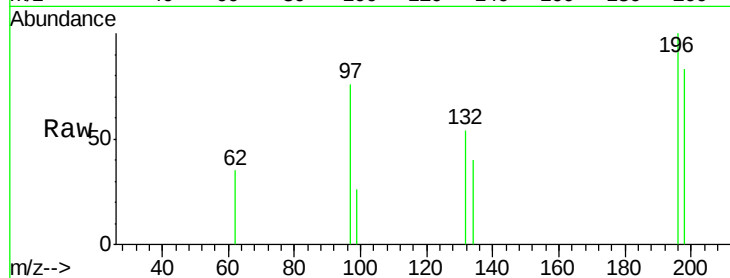




#42
 2,4,6-Trichlorophenol
 Concen: 0.55 ng m
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

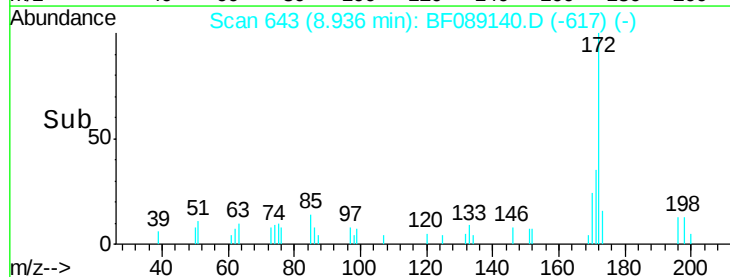
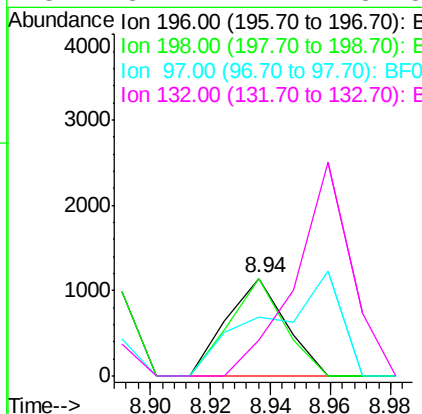
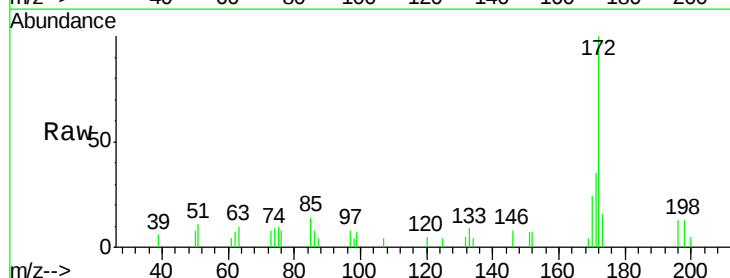
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

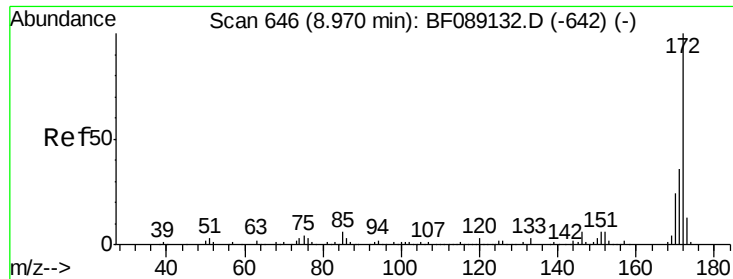
Tgt Ion:196 Resp: 1500
 Ion Ratio Lower Upper
 196 100
 198 82.6 78.3 117.5
 200 0.0 25.0 37.4#



#43
 2,4,5-Trichlorophenol
 Concen: 0.57 ng m
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:196 Resp: 1553
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.6 116.4
 97 60.4 36.5 54.7#
 132 37.1 21.2 31.8#

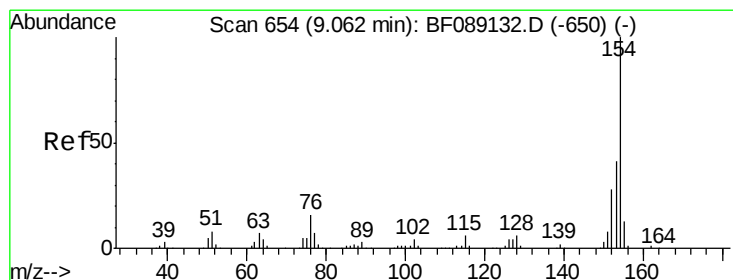
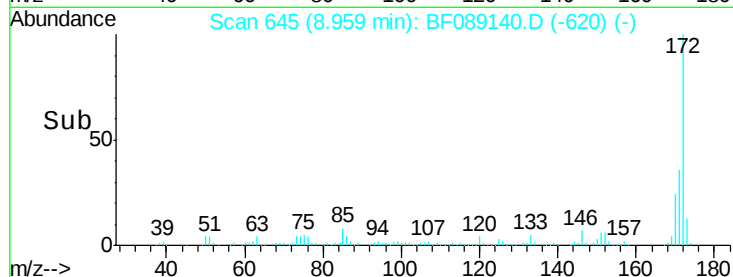
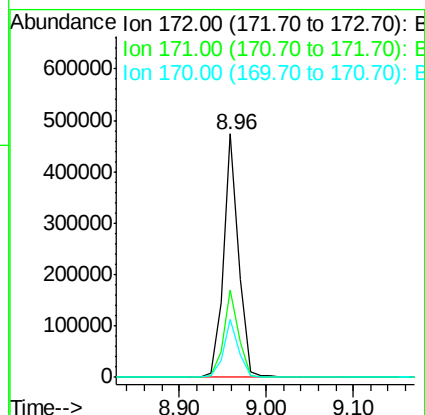
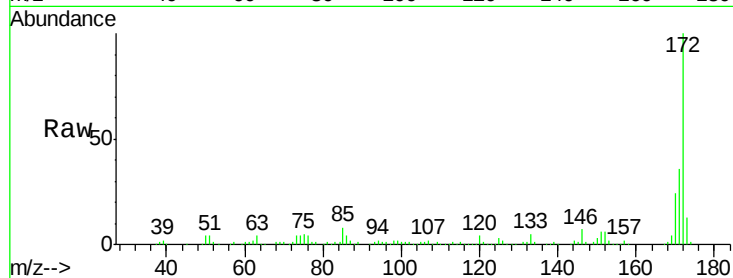




#44
 2-Fluorobiphenyl
 Concen: 60.88 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

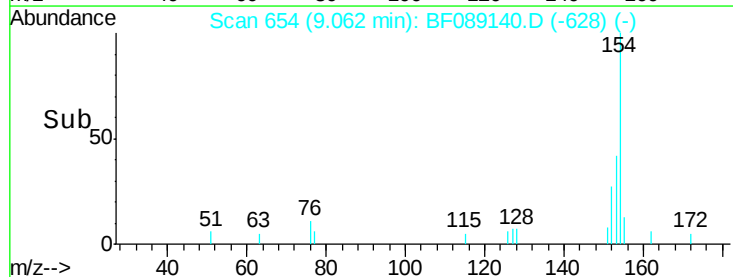
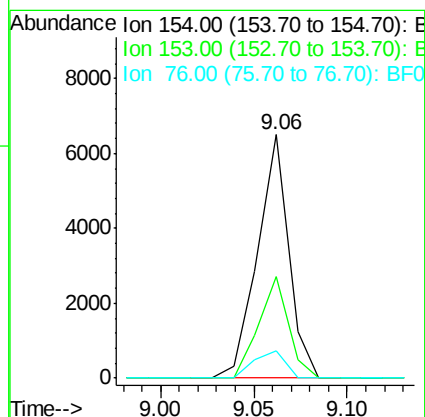
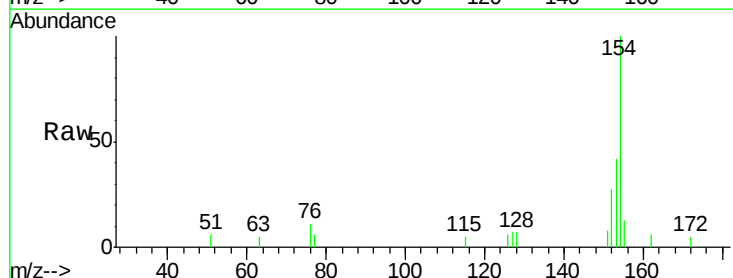
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

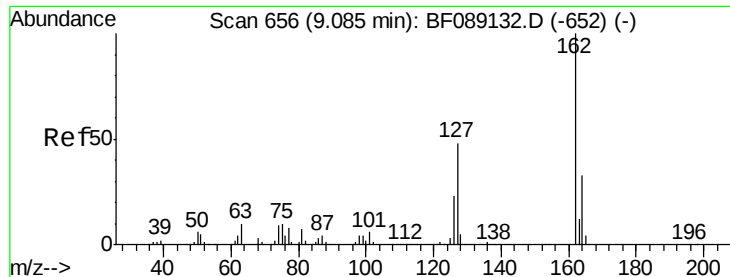
Tgt Ion:172 Resp: 575113
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.6 19.1 28.7



#45
 1,1'-Biphenyl
 Concen: 0.64 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:154 Resp: 7489
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.1 61.1
 76 11.1 0.0 35.8

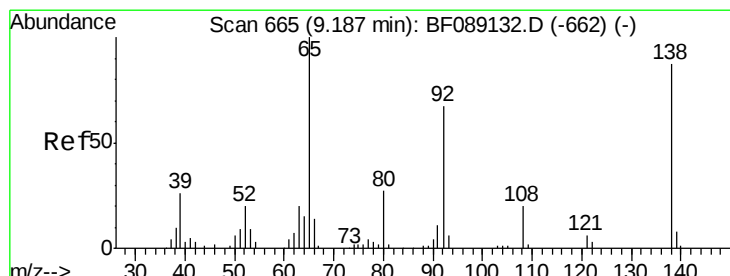
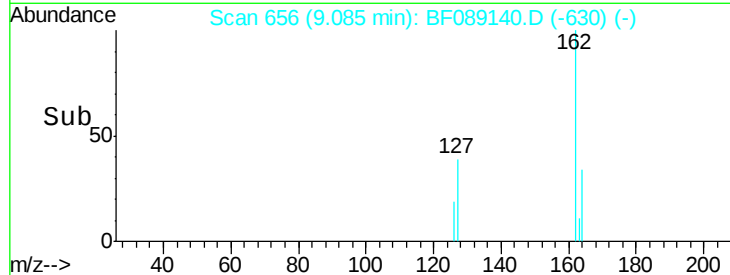
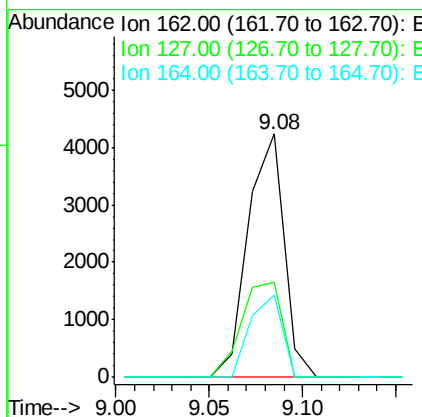
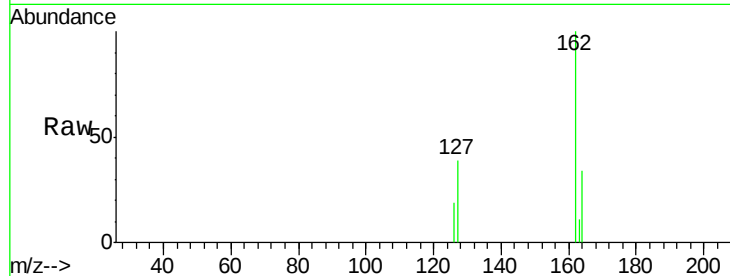




#46
 2-Chloronaphthalene
 Concen: 0.64 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

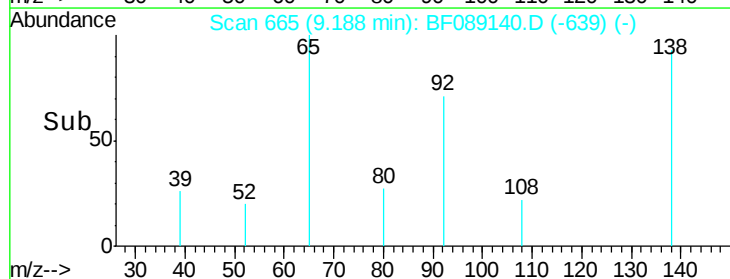
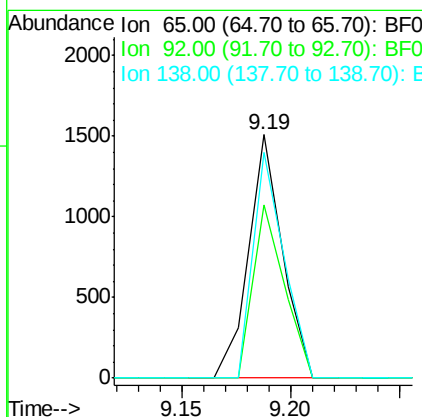
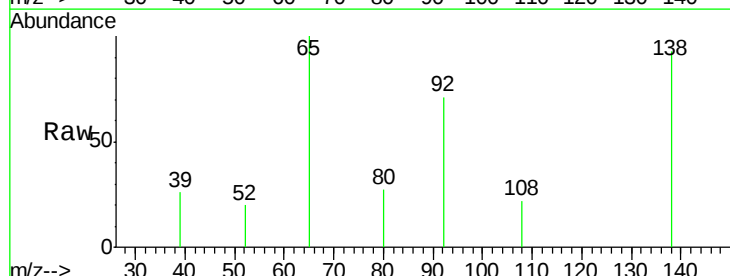
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

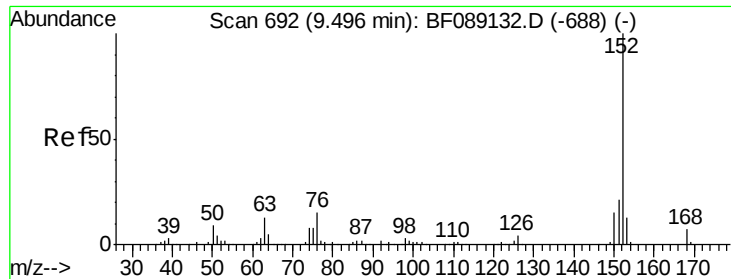
Tgt Ion: 162 Resp: 5737
 Ion Ratio Lower Upper
 162 100
 127 39.0 38.1 57.1
 164 33.7 26.1 39.1



#47
 2-Nitroaniline
 Concen: 0.54 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 65 Resp: 1640
 Ion Ratio Lower Upper
 65 100
 92 71.0 53.2 79.8
 138 92.9 69.4 104.2





#48

Acenaphthylene

Concen: 0.64 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

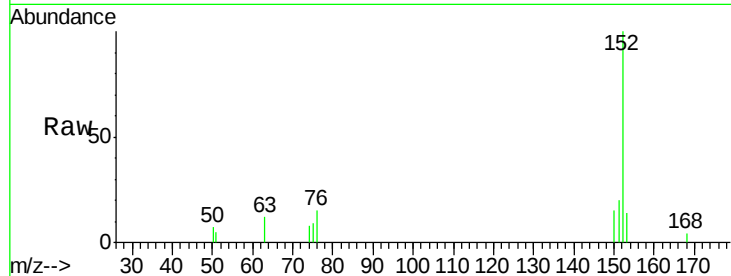
Tgt Ion:152 Resp: 8931

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7

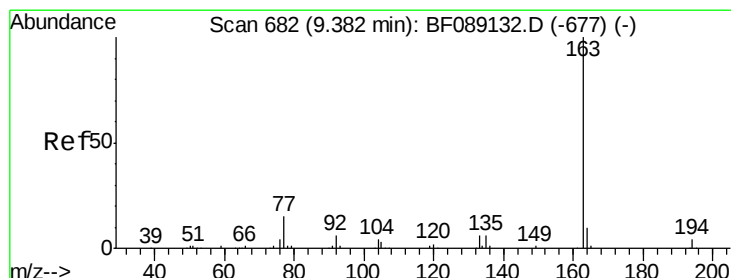
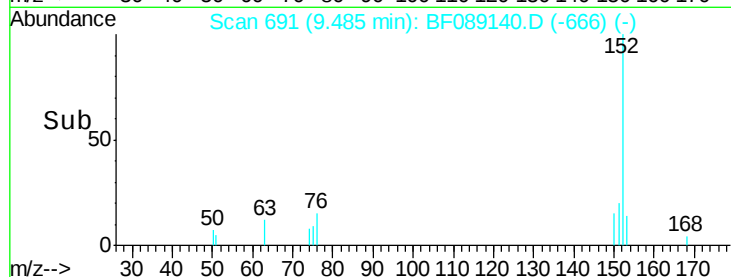
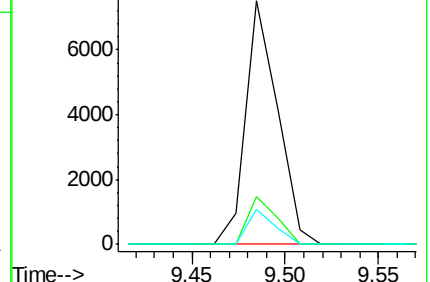
153 14.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.72 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

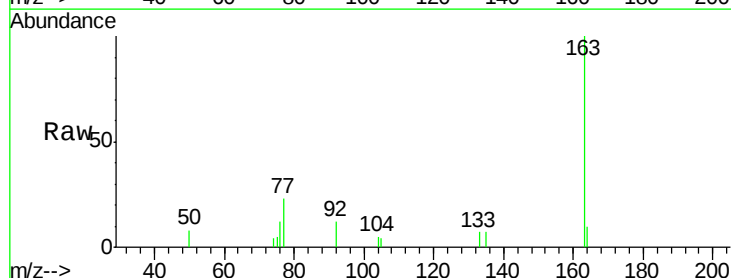
Tgt Ion:163 Resp: 7142

Ion Ratio Lower Upper

163 100

194 0.0 2.9 4.3#

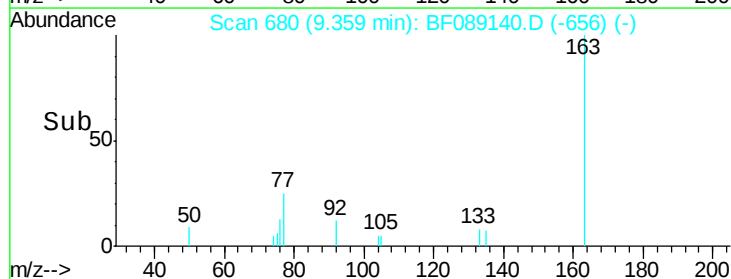
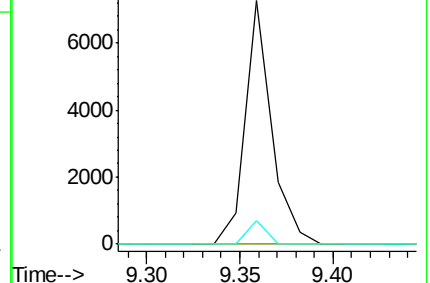
164 9.8 7.6 11.4

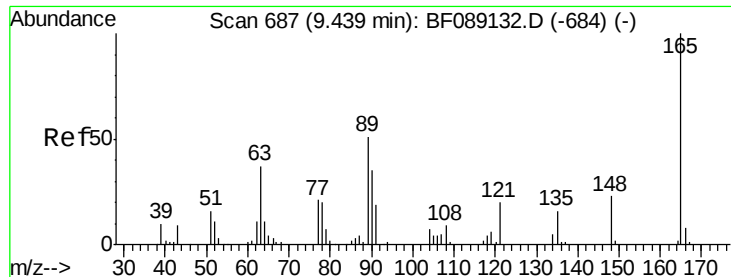


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

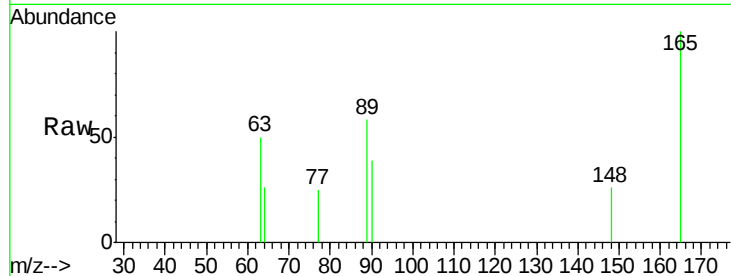




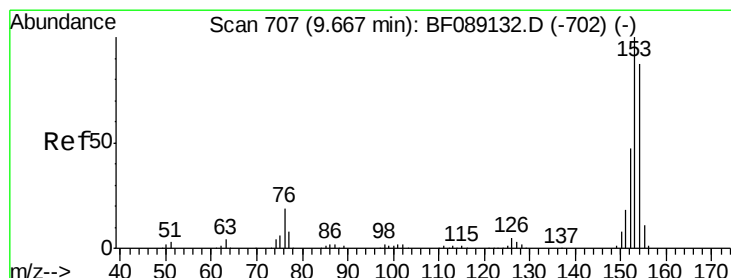
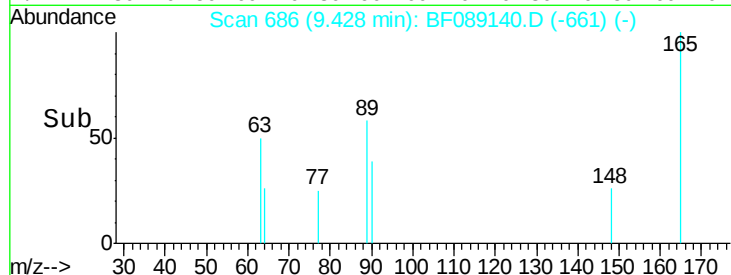
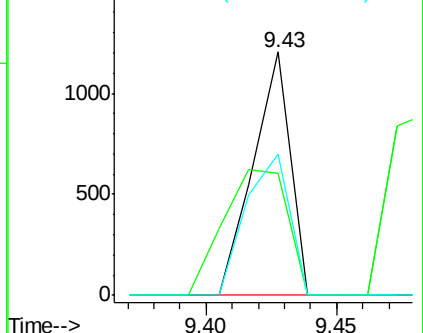
#50
2,6-Dinitrotoluene
Concen: 0.53 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:165 Resp: 1202
Ion Ratio Lower Upper
165 100
63 50.0 37.0 55.4
89 57.8 40.9 61.3

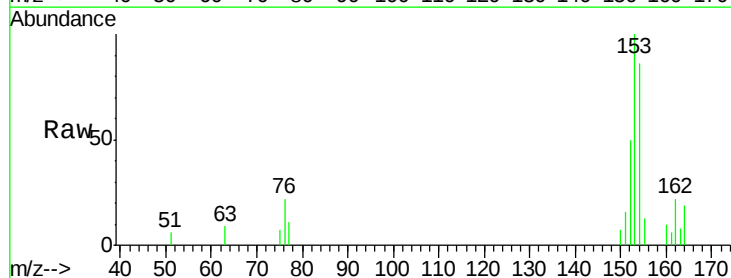


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

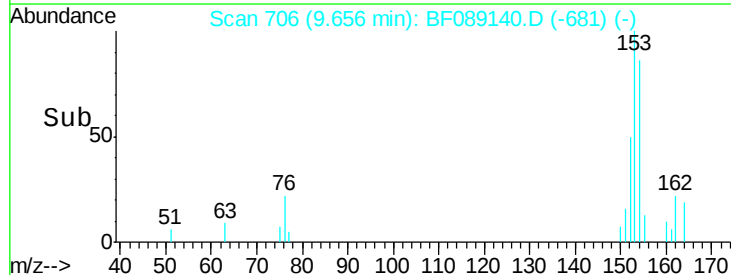
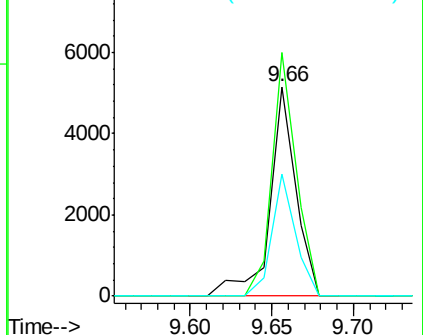


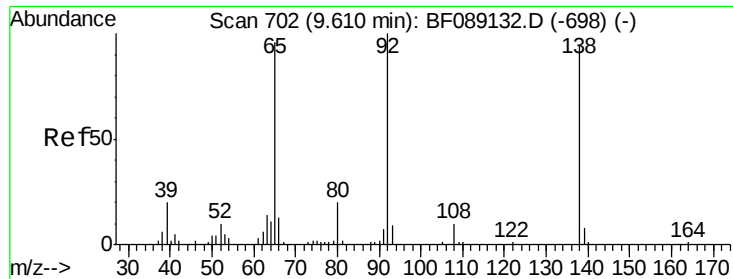
#51
Acenaphthene
Concen: 0.69 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:154 Resp: 5745
Ion Ratio Lower Upper
154 100
153 116.2 91.9 137.9
152 58.1 42.8 64.2



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

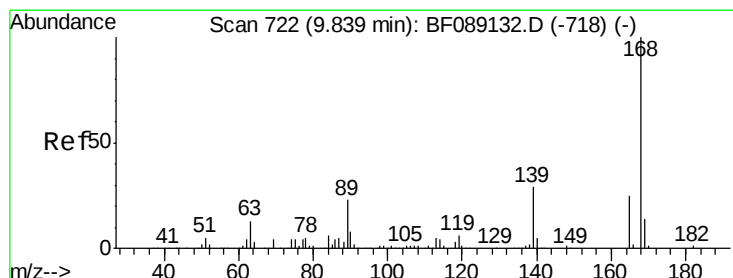
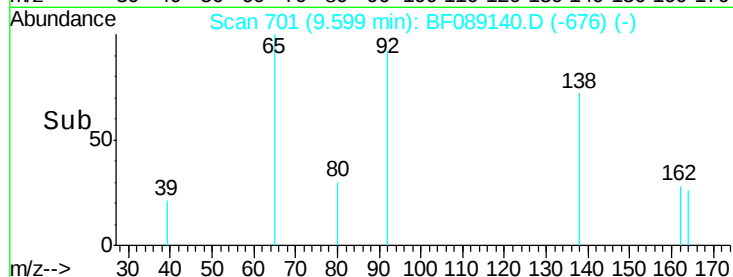
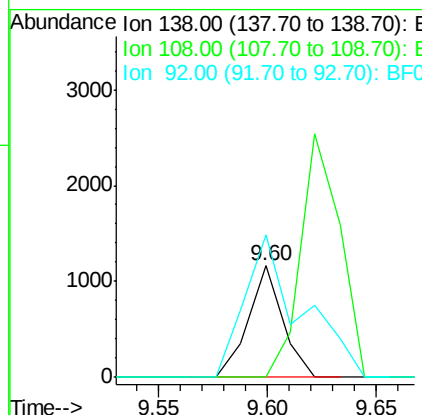
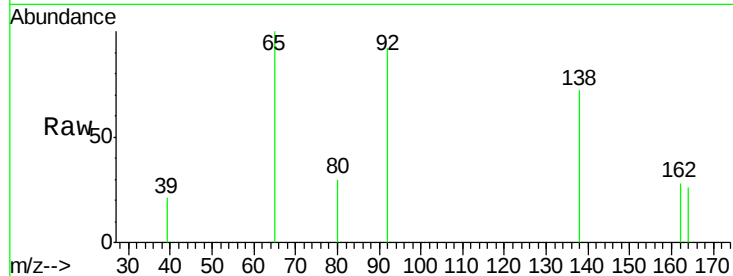




#52
3-Nitroaniline
Concen: 0.48 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

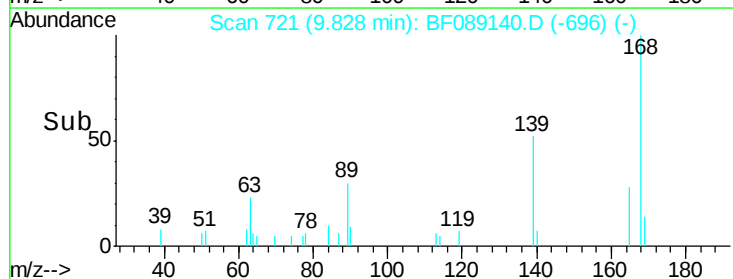
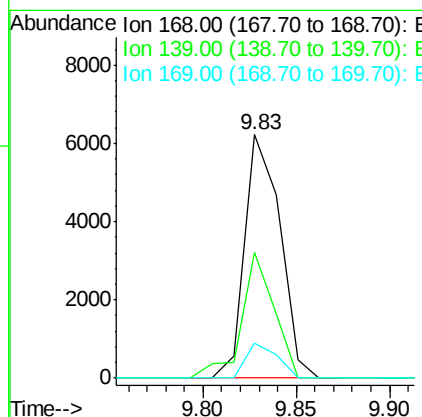
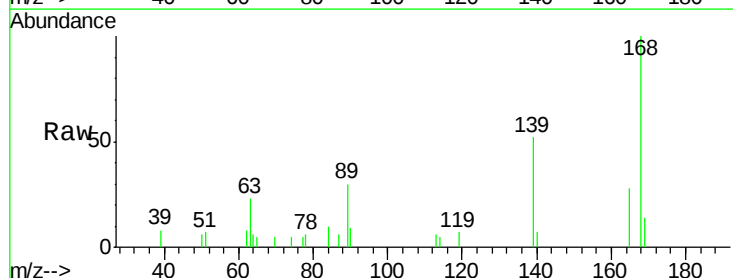
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

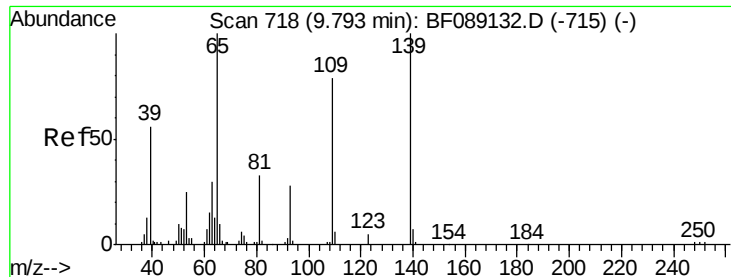
Tgt Ion:138 Resp: 1278
Ion Ratio Lower Upper
138 100
108 0.0 8.8 13.2#
92 127.8 85.3 127.9



#54
Dibenzofuran
Concen: 0.73 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:168 Resp: 8190
Ion Ratio Lower Upper
168 100
139 51.8 34.4 51.6#
169 14.1 10.8 16.2

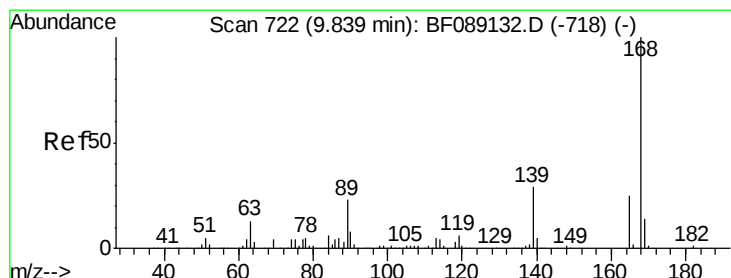
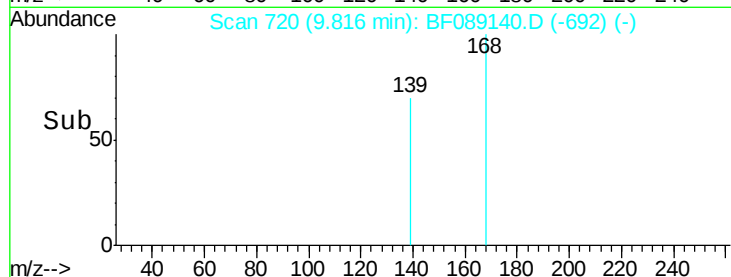
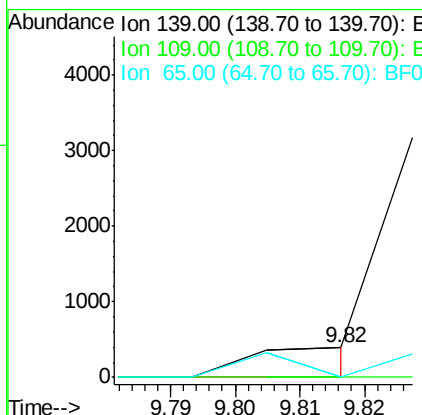
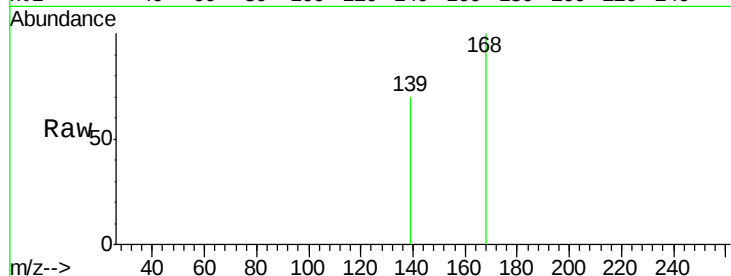




#55
4-Nitrophenol
Concen: 0.32 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

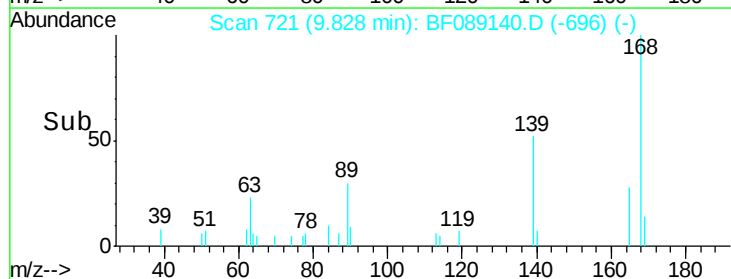
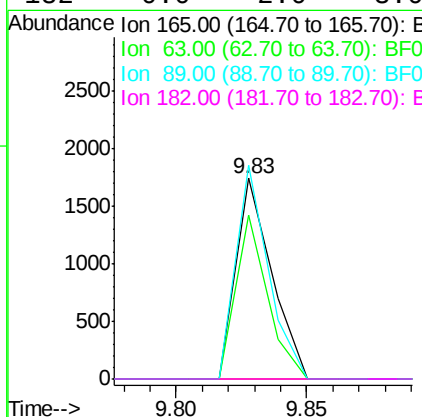
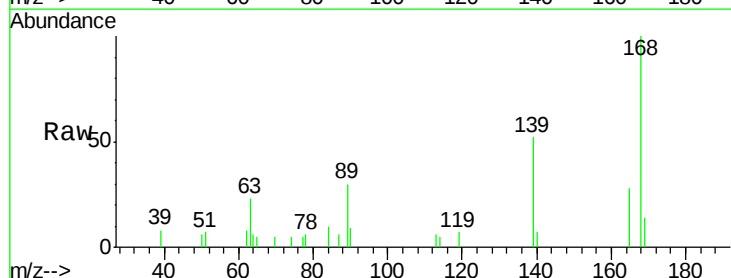
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

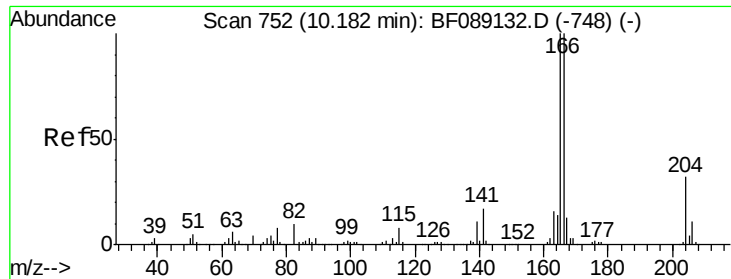
Tgt Ion:139 Resp: 513
Ion Ratio Lower Upper
139 100
109 0.0 58.7 98.7#
65 0.0 80.2 120.2#



#56
2,4-Dinitrotoluene
Concen: 0.58 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:165 Resp: 1676
Ion Ratio Lower Upper
165 100
63 81.7 55.4 83.2
89 106.5 74.3 111.5
182 0.0 2.0 3.0#

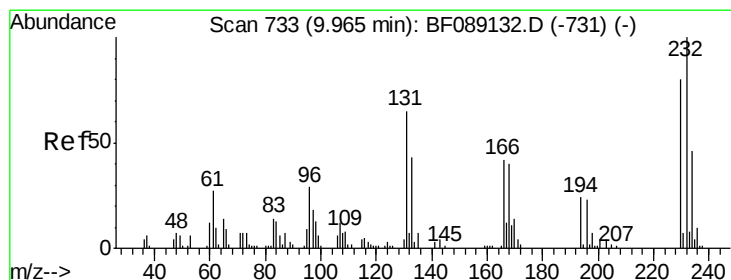
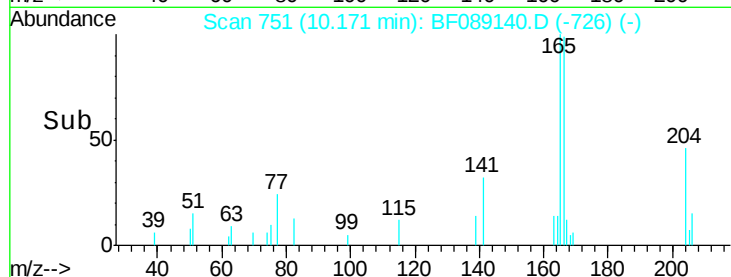
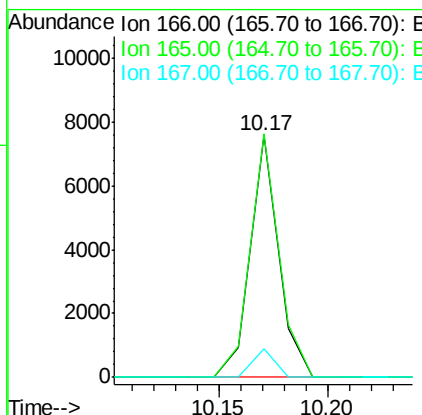
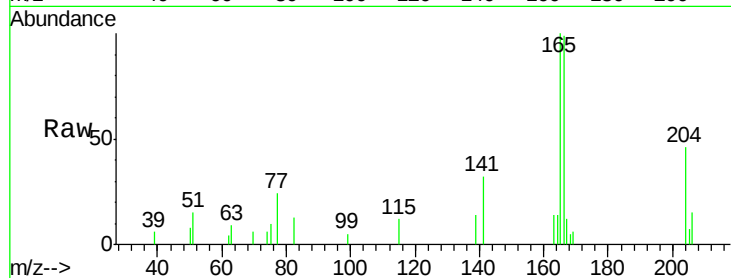




#57
Fluorene
Concen: 0.73 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

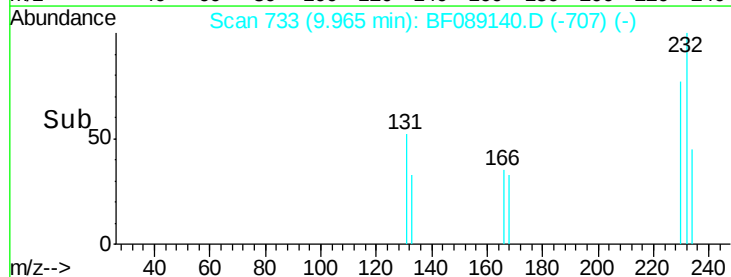
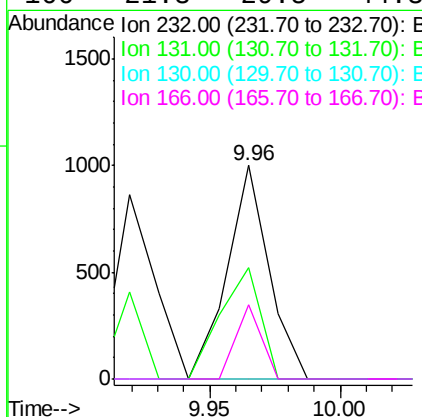
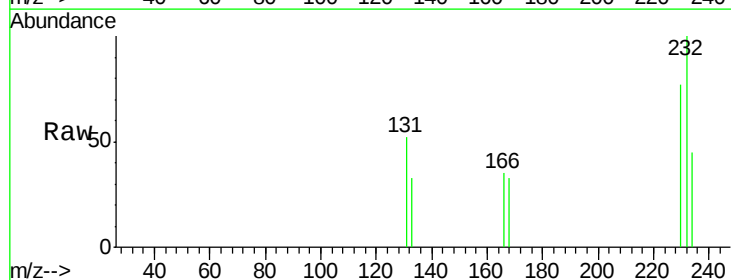
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

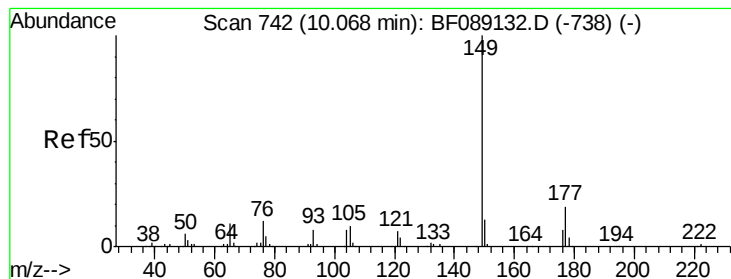
Tgt Ion:166 Resp: 6909
Ion Ratio Lower Upper
166 100
165 100.5 79.9 119.9
167 11.7 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.58 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:232 Resp: 1125
Ion Ratio Lower Upper
232 100
131 50.1 46.2 69.2
130 0.0 2.3 3.5#
166 21.3 29.5 44.3#





#59

Diethylphthalate

Concen: 0.70 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

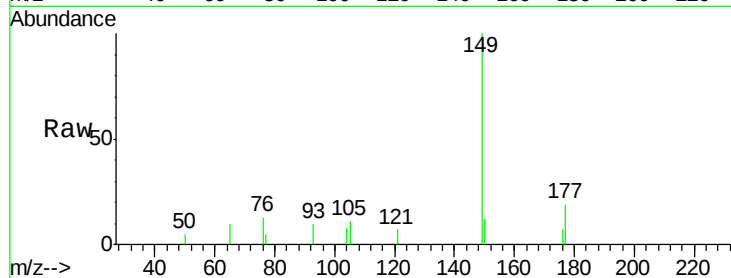
Tgt Ion:149 Resp: 6967

Ion Ratio Lower Upper

149 100

177 19.3 15.6 23.4

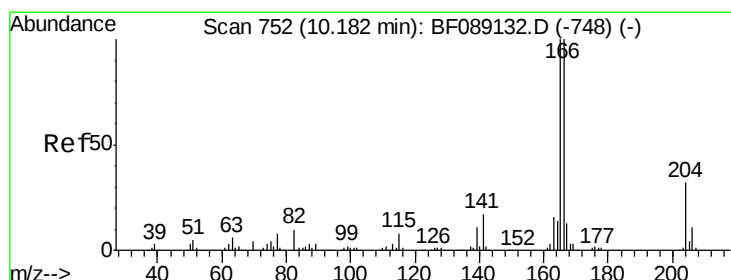
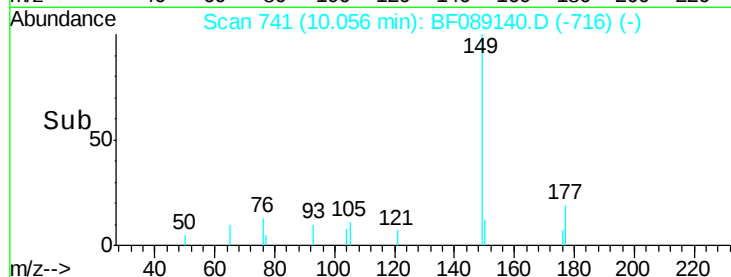
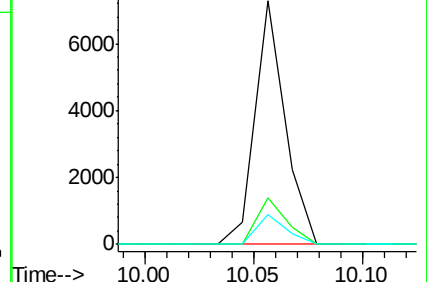
150 12.4 10.1 15.1



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: 0.73 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

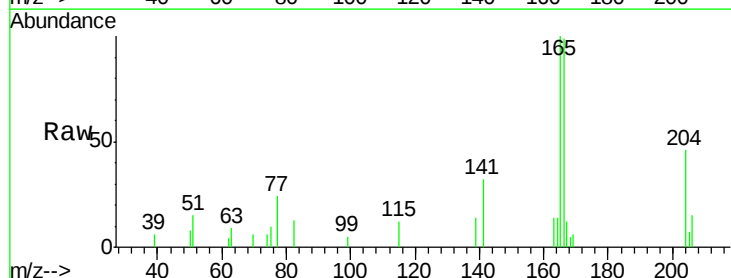
Tgt Ion:204 Resp: 3185

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.4

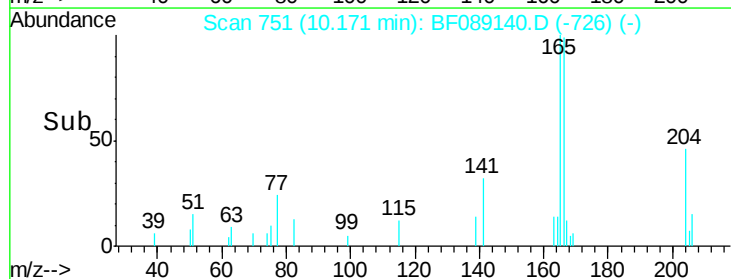
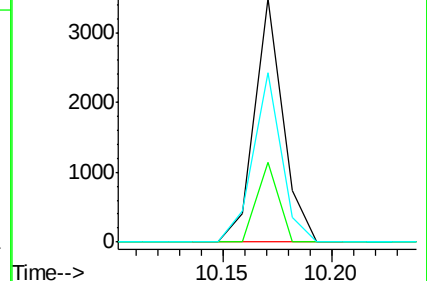
141 69.8 42.2 63.4#

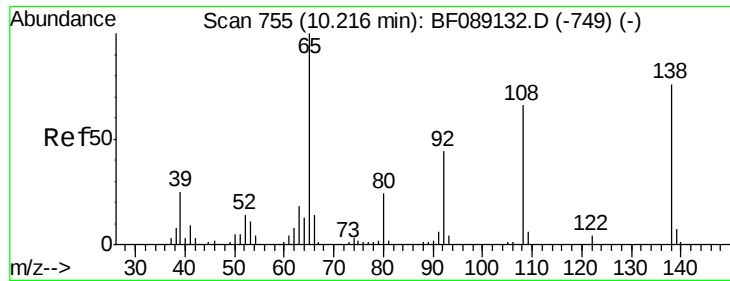


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

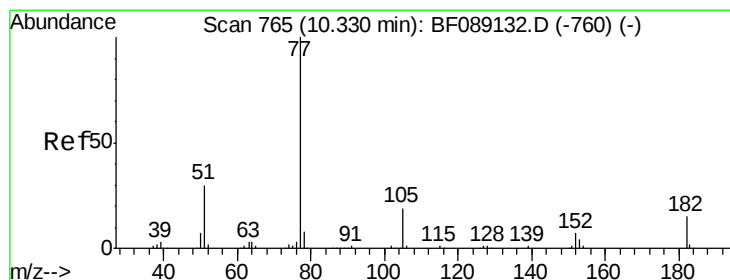
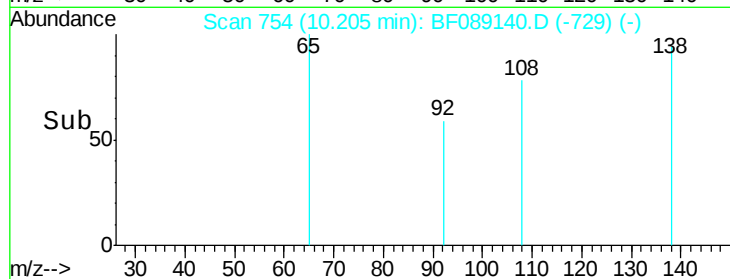
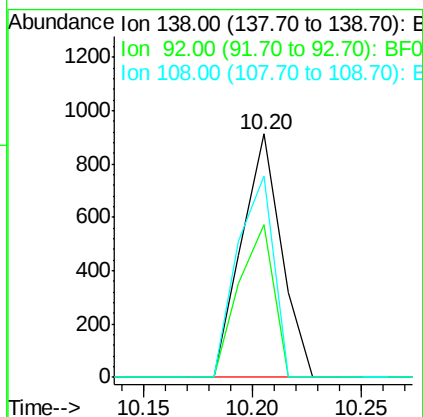
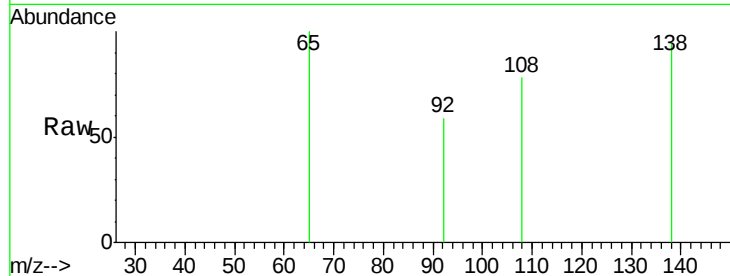




#61
4-Nitroaniline
Concen: 0.44 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

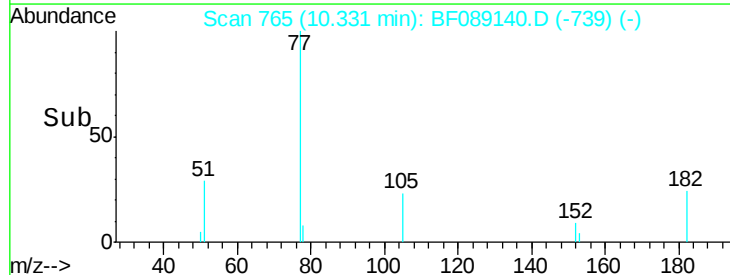
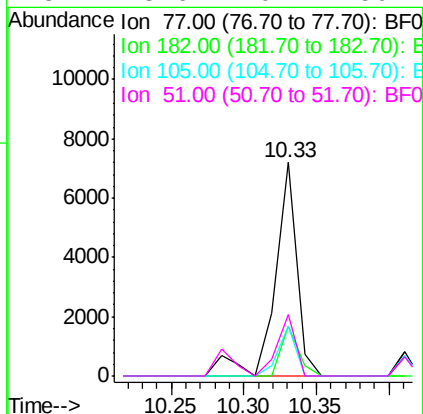
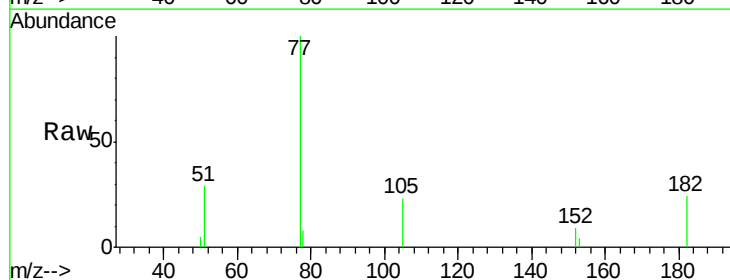
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

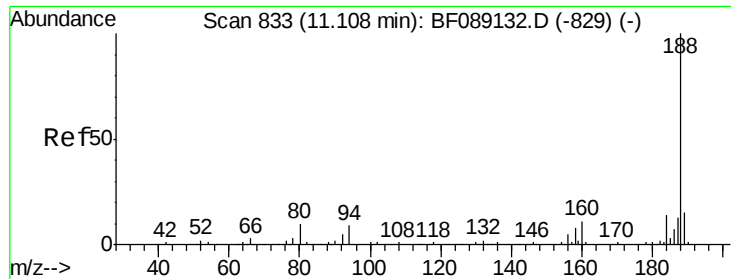
Tgt Ion: 138 Resp: 1158
Ion Ratio Lower Upper
138 100
92 62.7 37.2 77.2
108 82.5 66.1 106.1



#62
Azobenzene
Concen: 0.71 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion: 77 Resp: 7674
Ion Ratio Lower Upper
77 100
182 23.7 0.0 35.0
105 23.1 0.0 39.4
51 28.6 10.7 50.7

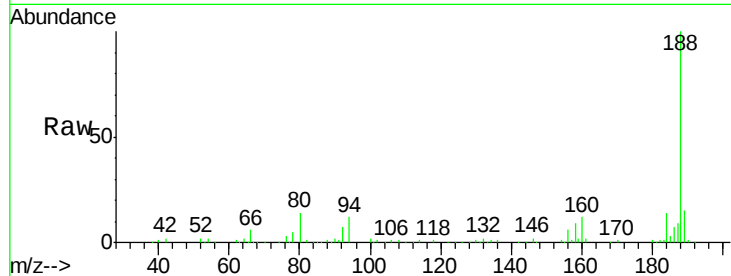




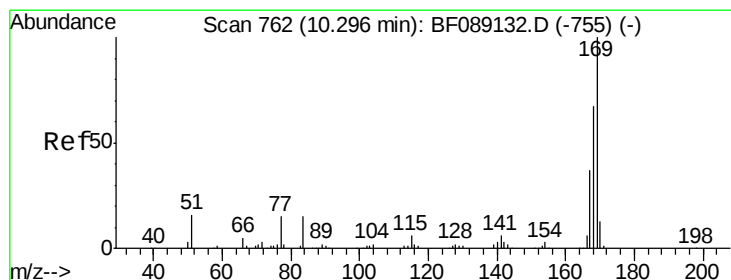
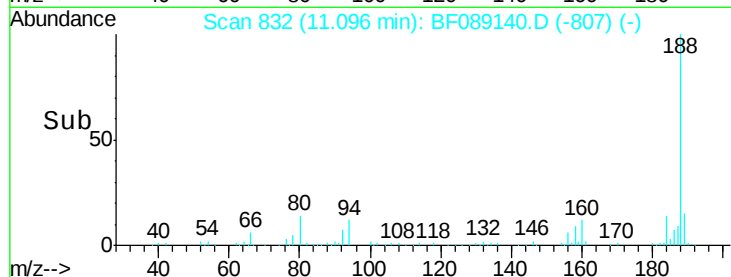
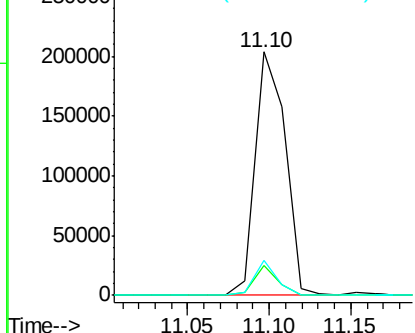
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:188 Resp: 261928
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.4#
80 14.5 7.7 11.5#

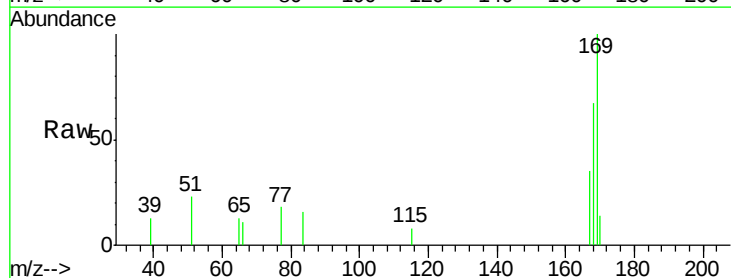


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

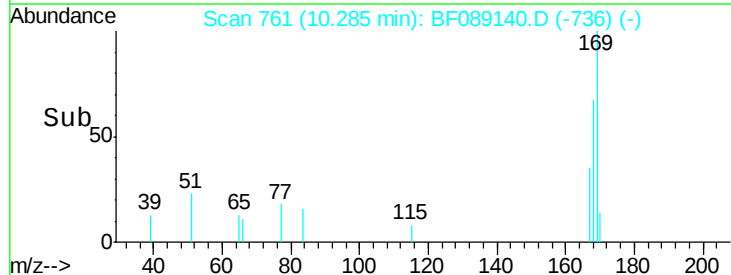
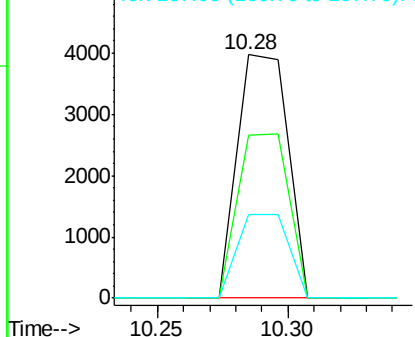


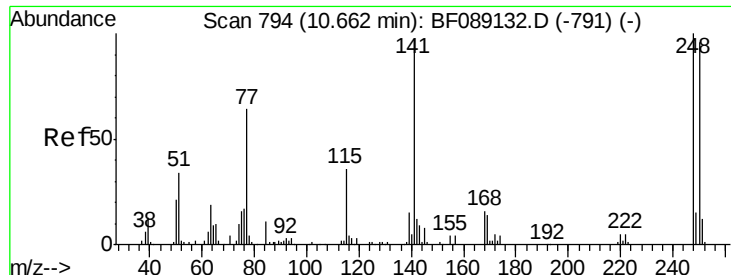
#65
n-Nitrosodiphenylamine
Concen: 0.62 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:169 Resp: 5394
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 34.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

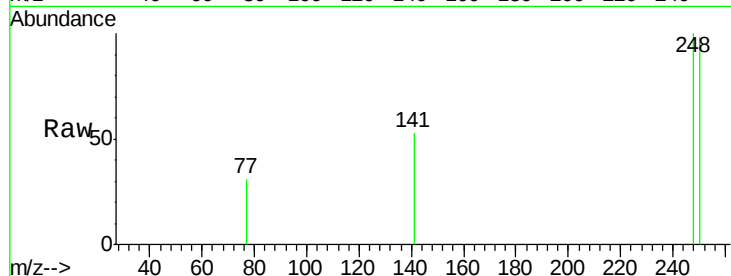




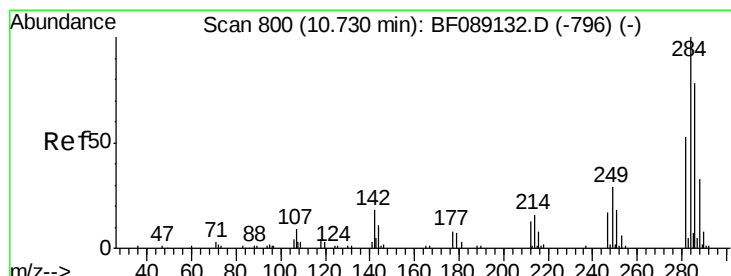
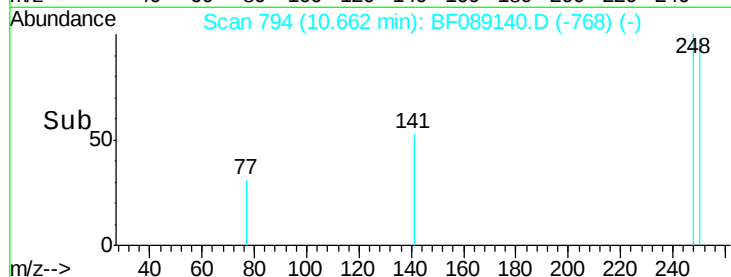
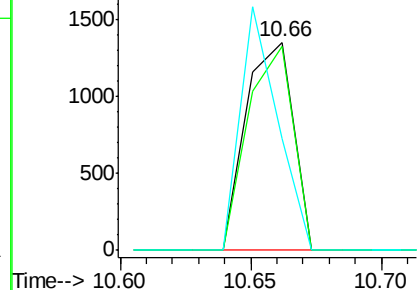
#66
 4-Bromophenyl-phenylether
 Concen: 0.66 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 248 Resp: 1723
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 53.4 77.4 116.2#

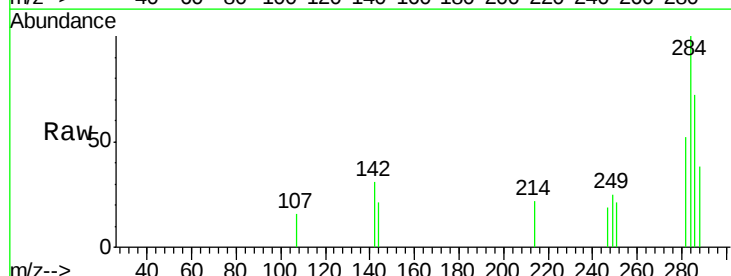


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

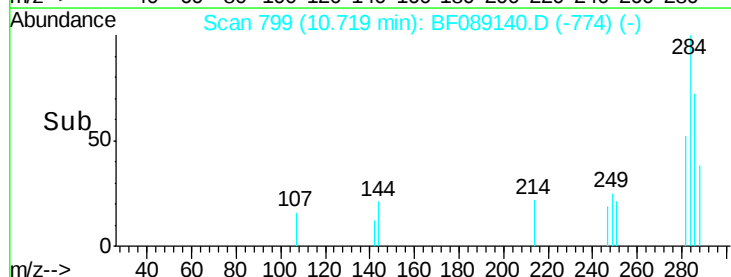
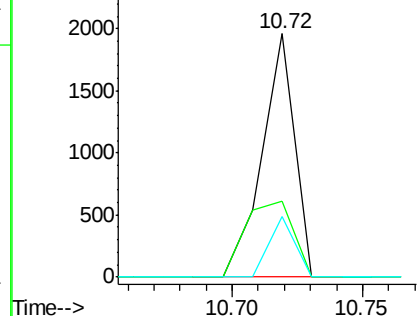


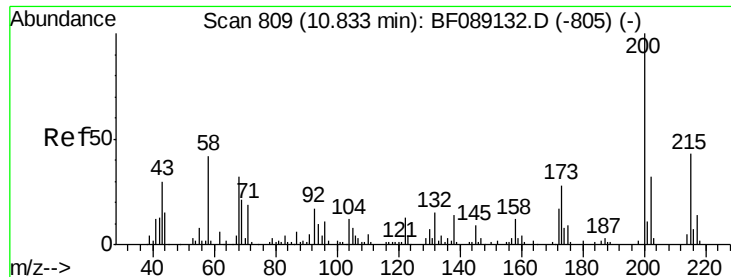
#67
 Hexachlorobenzene
 Concen: 0.62 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 284 Resp: 1715
 Ion Ratio Lower Upper
 284 100
 142 31.4 14.1 21.1#
 249 25.0 23.0 34.4



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

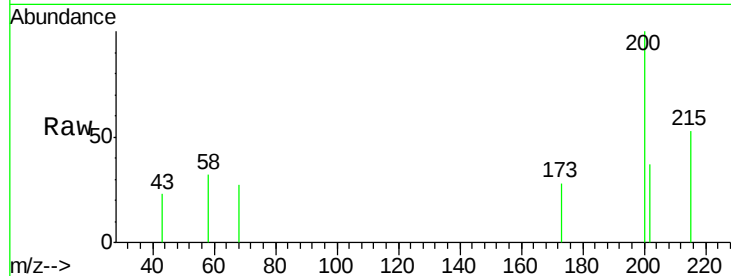




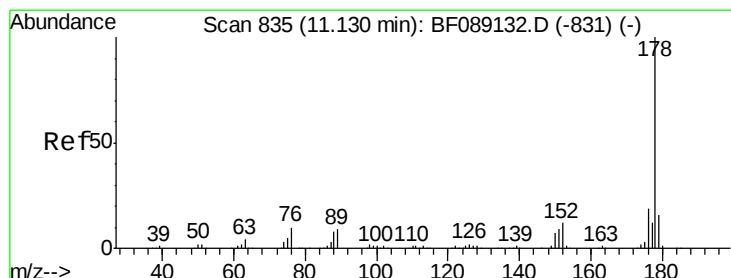
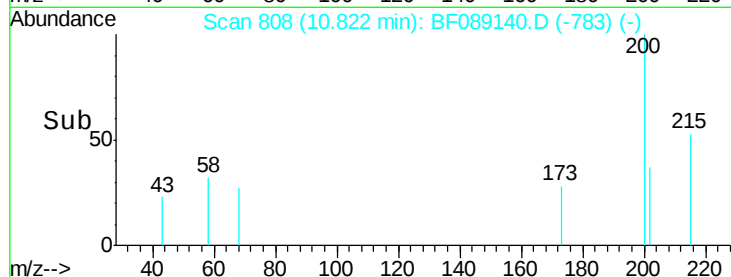
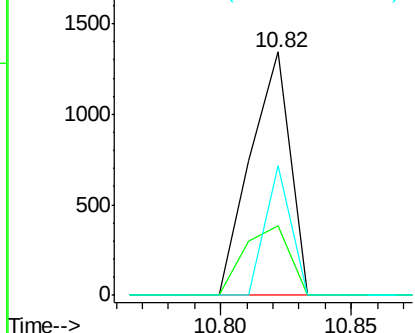
#68
 Atrazine
 Concen: 0.52 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 200 Resp: 1435
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.8 47.8
 215 53.5 22.9 62.9

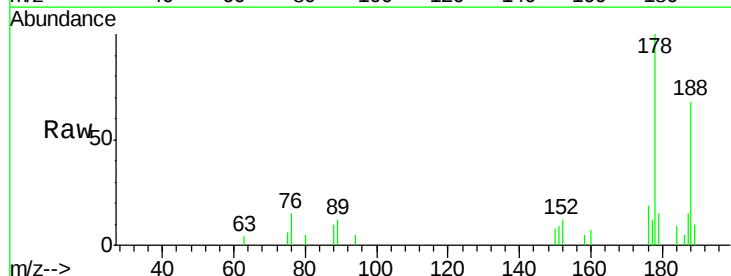


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

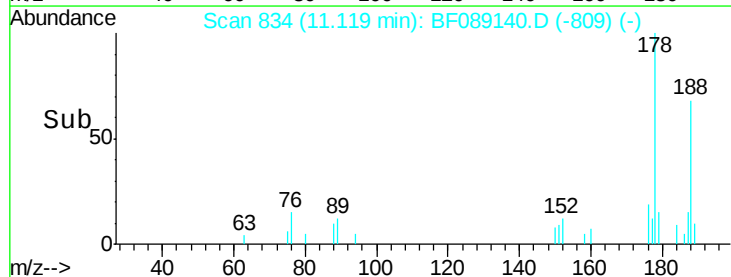
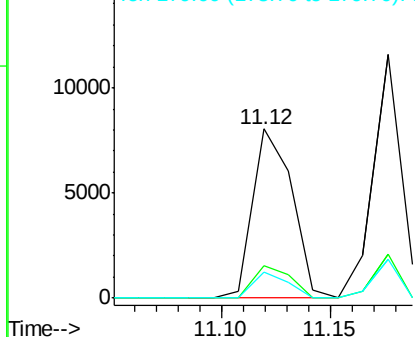


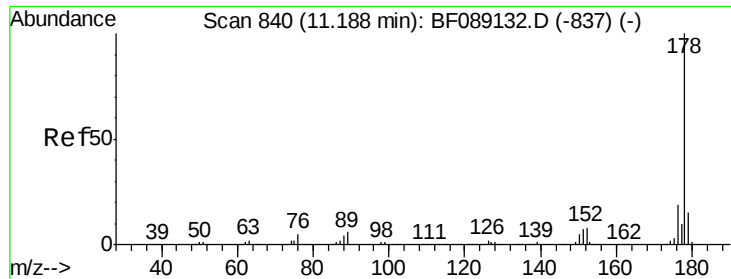
#70
 Phenanthrene
 Concen: 0.71 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 178 Resp: 10176
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.2 12.4 18.6



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

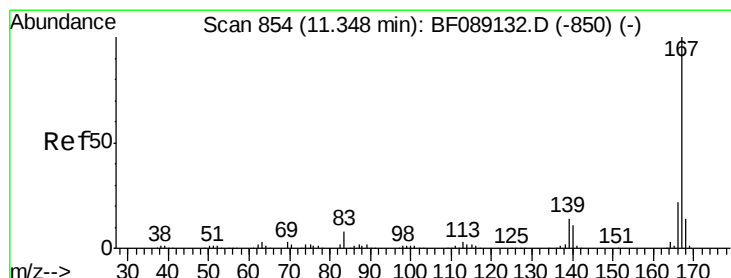
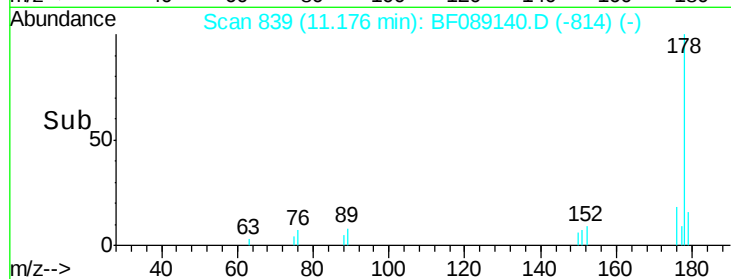
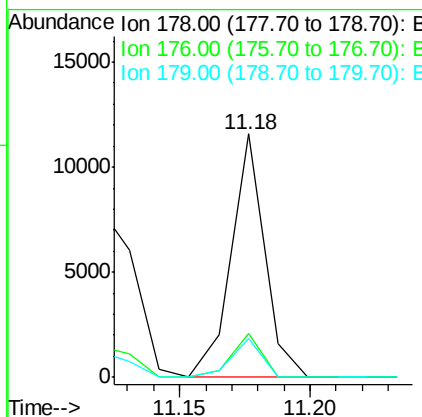
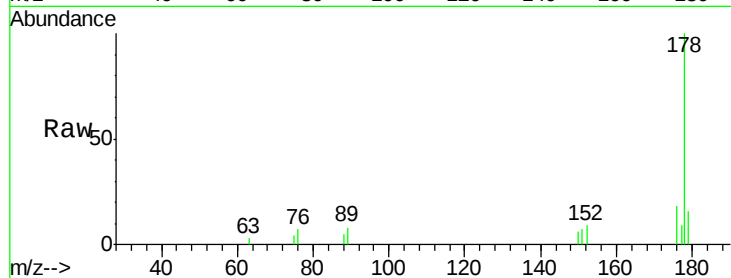




#71
 Anthracene
 Concen: 0.70 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

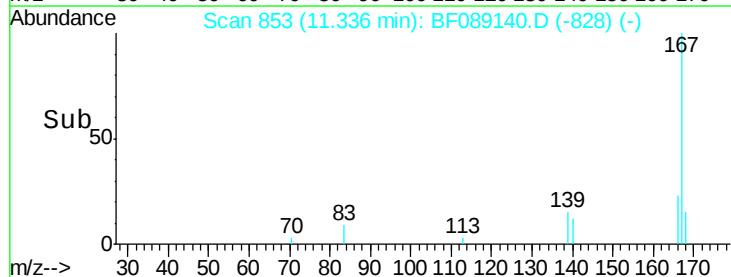
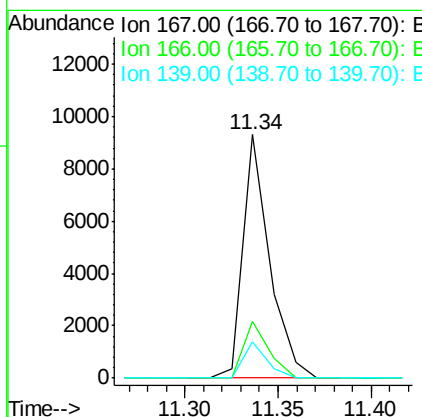
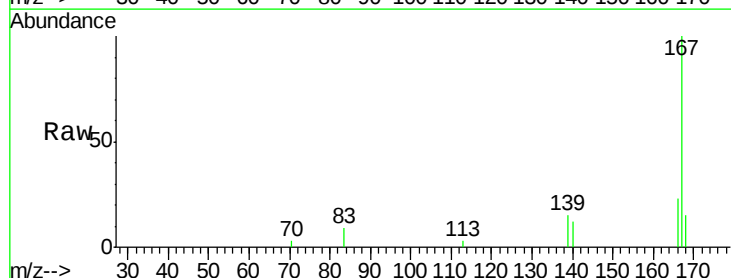
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

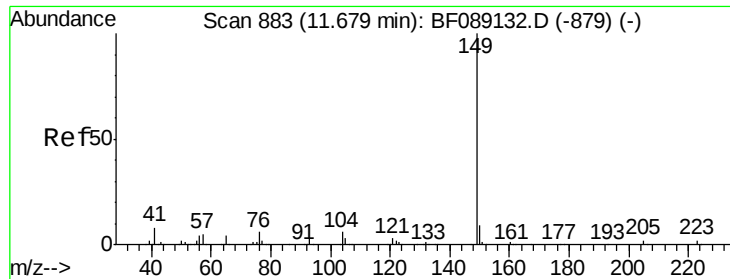
Tgt Ion:178 Resp: 10451
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.9 22.3
 179 15.7 12.0 18.0



#72
 Carbazole
 Concen: 0.70 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion:167 Resp: 9231
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.7 26.5
 139 15.1 11.0 16.4

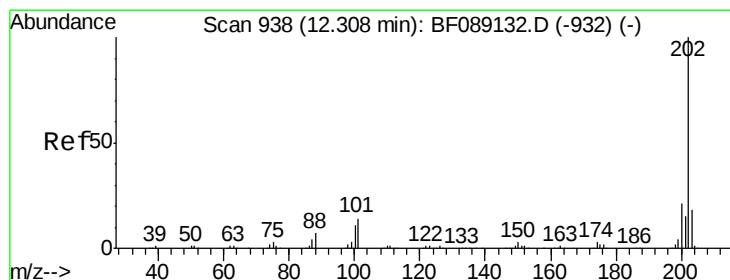
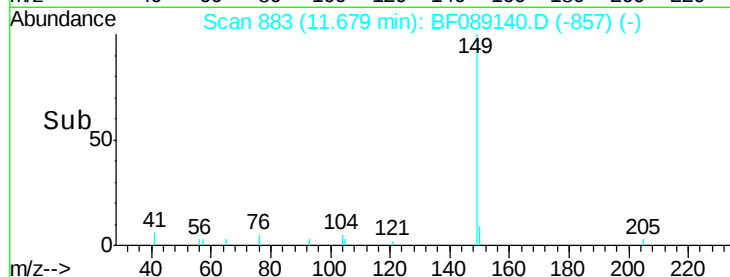
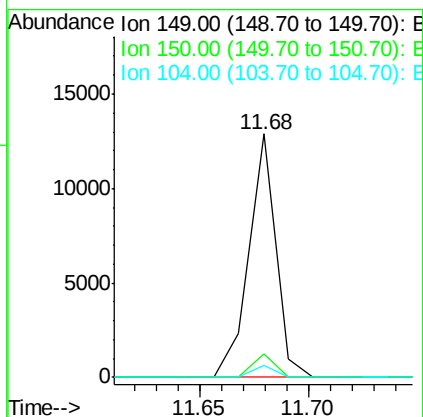
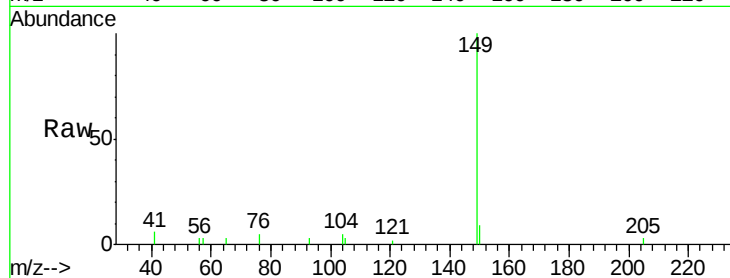




#73
Di-n-butylphthalate
Concen: 0.69 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

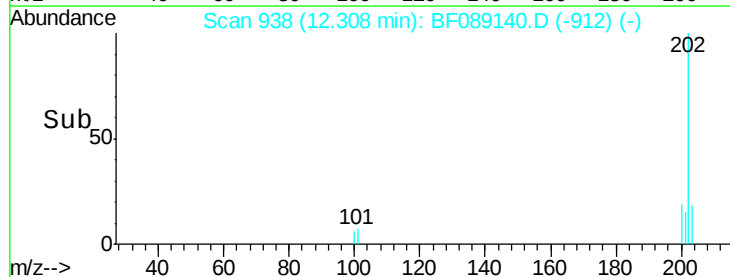
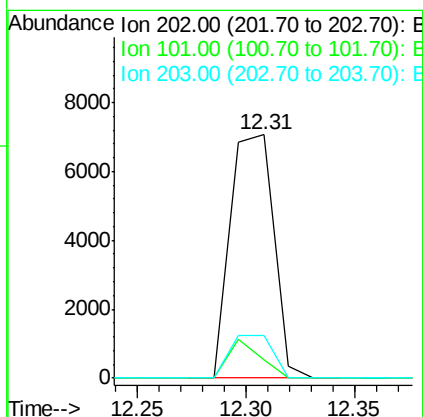
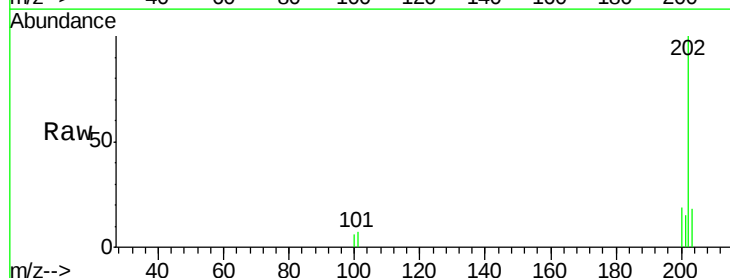
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

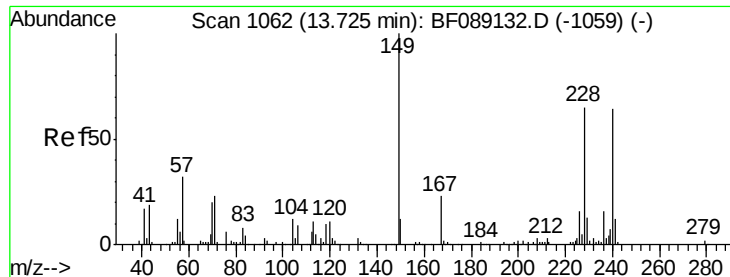
Tgt Ion:149 Resp: 11139
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.8 4.6 6.8



#74
Fluoranthene
Concen: 0.65 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF089140.D
Acq: 20 Jul 2016 19:23

Tgt Ion:202 Resp: 9804
Ion Ratio Lower Upper
202 100
101 7.5 0.0 34.0
203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

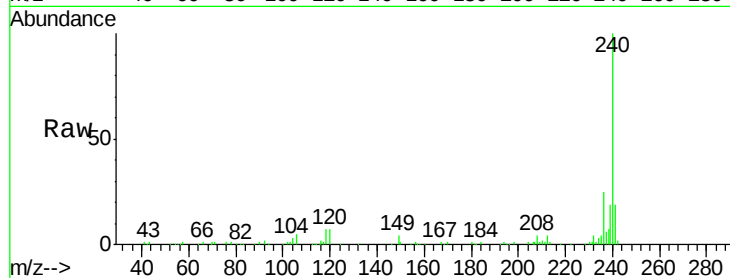
Tgt Ion:240 Resp: 207376

Ion Ratio Lower Upper

240 100

120 7.0 13.6 20.4#

236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

200000

150000

100000

50000

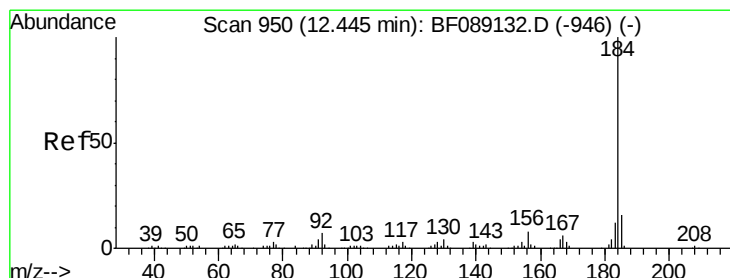
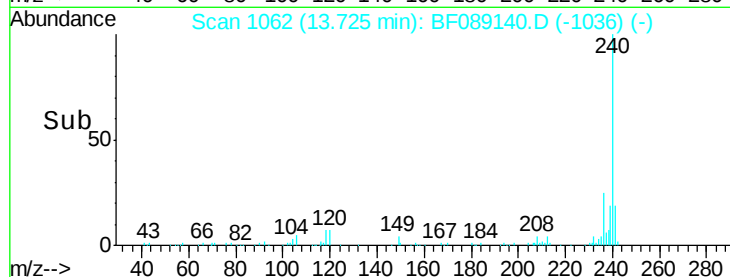
0

13.73

13.70

13.80

Time-->



#76

Benzidine

Concen: 0.19 ng m

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

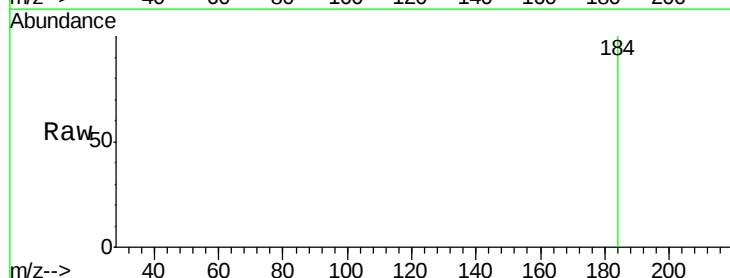
Tgt Ion:184 Resp: 1346

Ion Ratio Lower Upper

184 100

185 0.0 12.5 18.7#

183 0.0 9.6 14.4#



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

1000

500

0

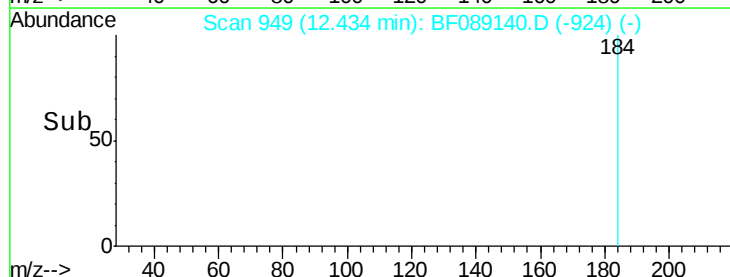
12.43

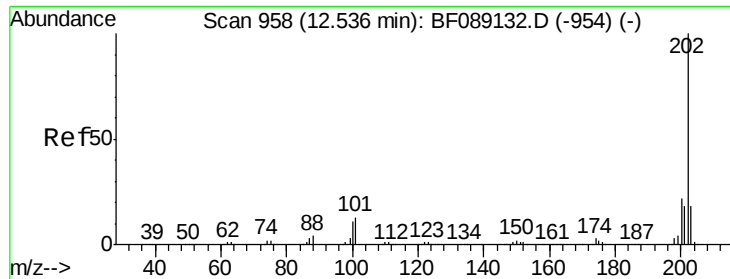
12.40

12.45

12.50

Time-->

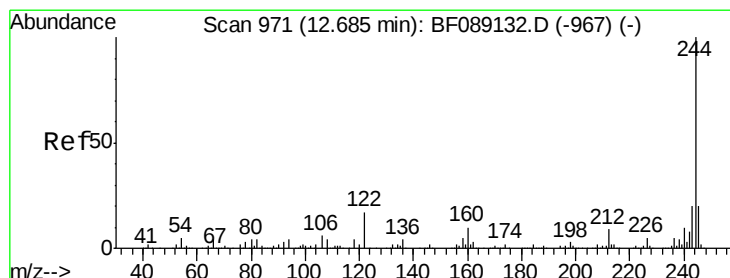
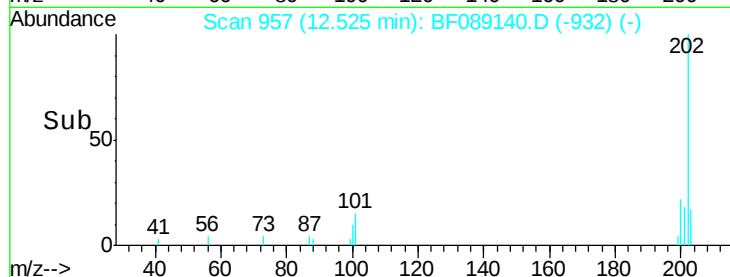
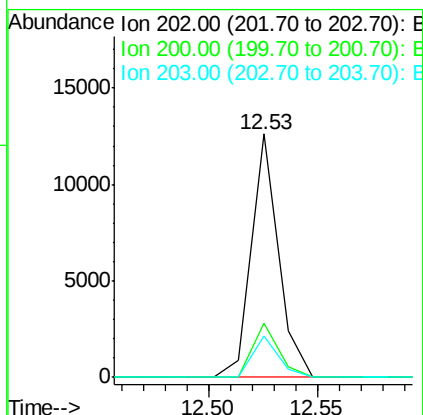
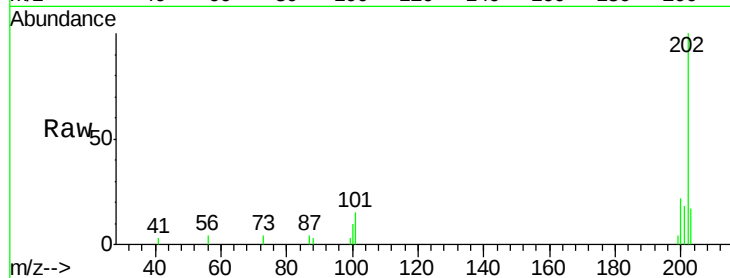




#77
 Pyrene
 Concen: 0.64 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

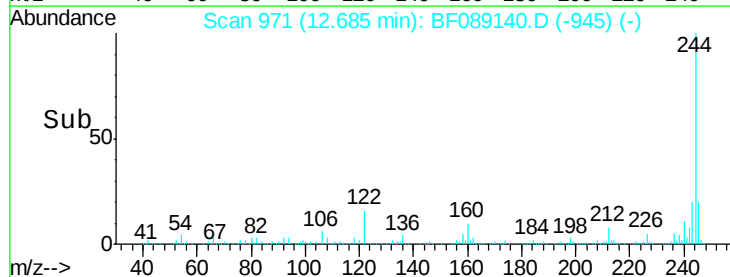
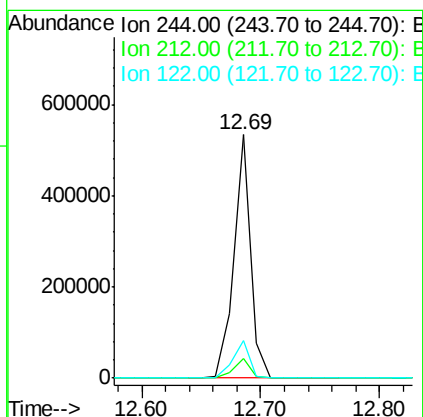
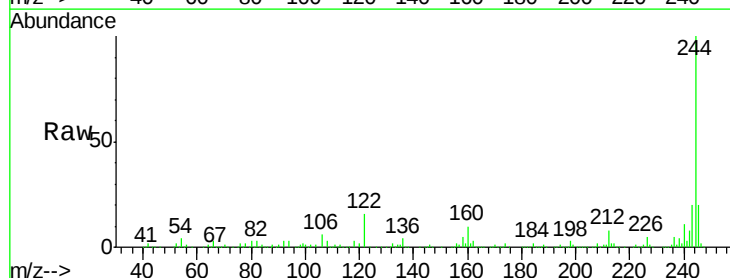
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

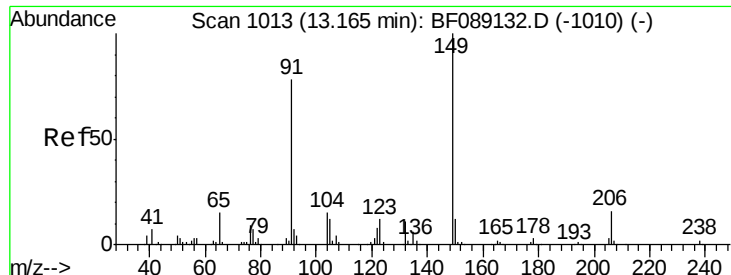
Tgt Ion: 202 Resp: 10894
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.0
 203 17.2 14.2 21.2



#78
 Terphenyl-d14
 Concen: 54.47 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 244 Resp: 520748
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.0 10.4
 122 15.6 13.8 20.8





#79

Butylbenzylphthalate

Concen: 0.56 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

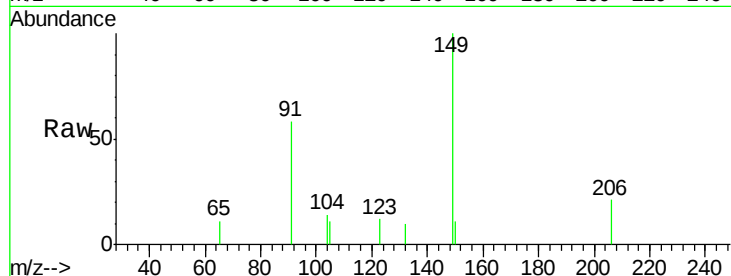
Tgt Ion:149 Resp: 4025

Ion Ratio Lower Upper

149 100

91 58.4 62.6 93.8#

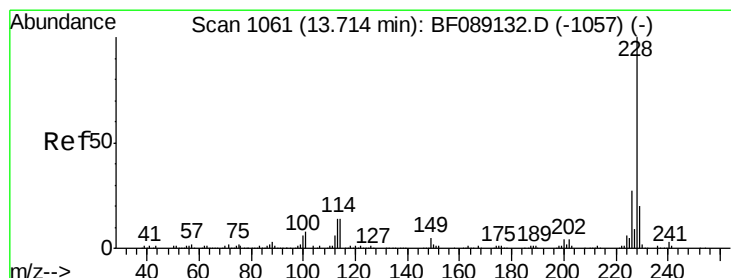
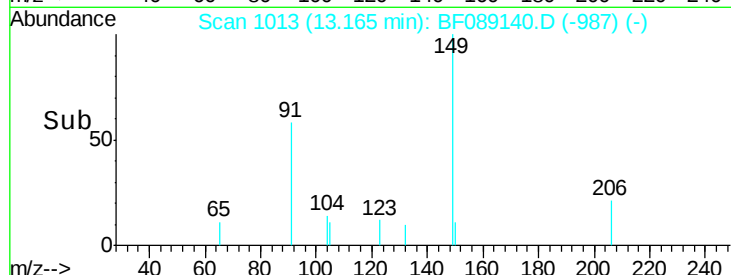
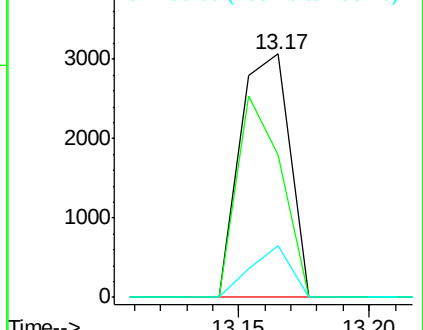
206 21.1 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.68 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

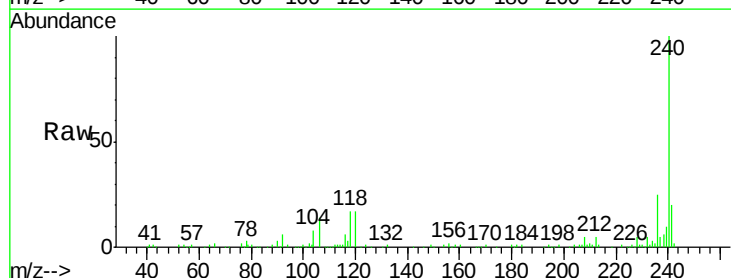
Tgt Ion:228 Resp: 8981

Ion Ratio Lower Upper

228 100

226 25.6 21.8 32.8

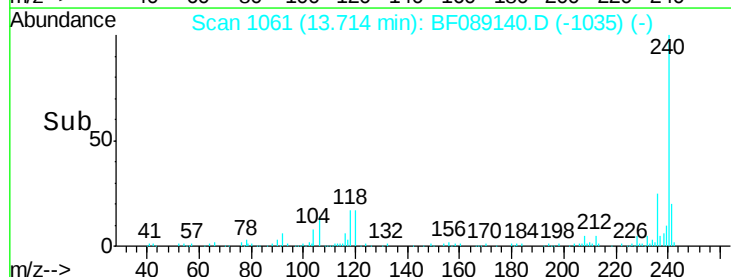
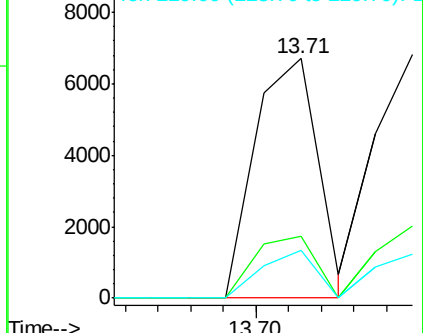
229 20.2 15.8 23.8

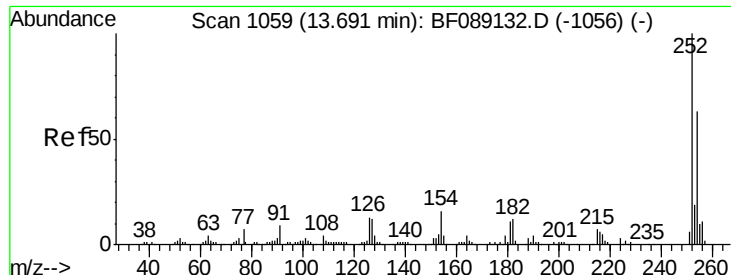


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

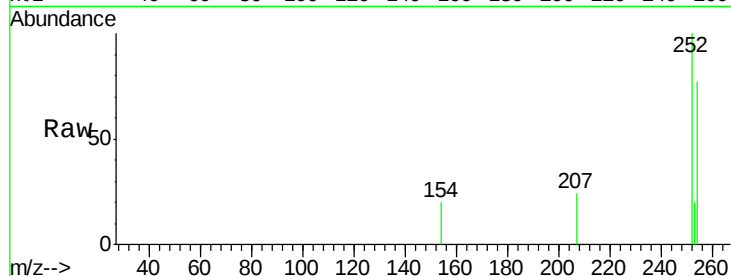




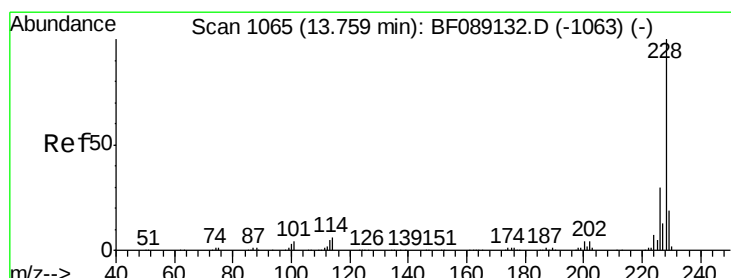
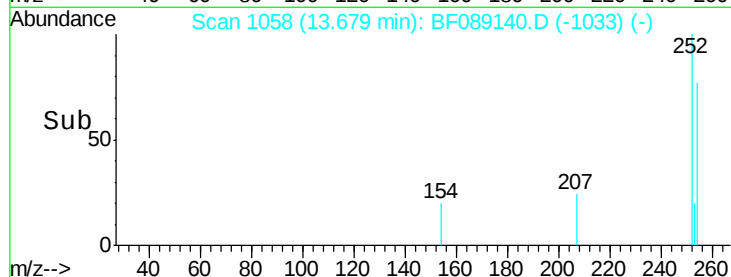
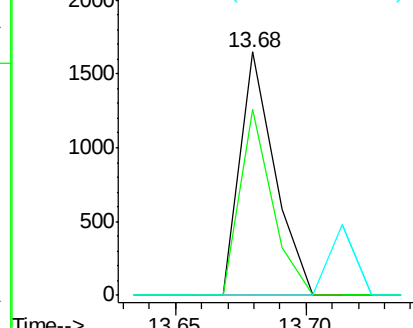
#81
 3,3'-Dichlorobenzidine
 Concen: 0.35 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 252 Resp: 1530
 Ion Ratio Lower Upper
 252 100
 254 76.6 50.4 75.6#
 126 0.0 10.2 15.2#

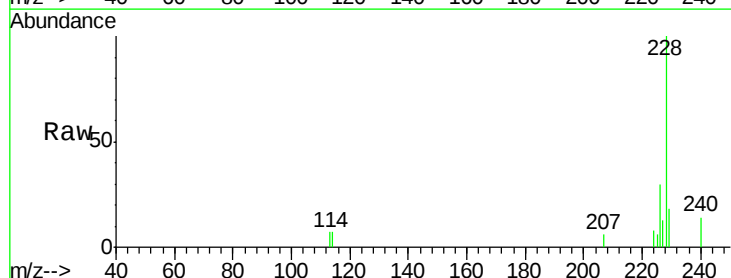


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

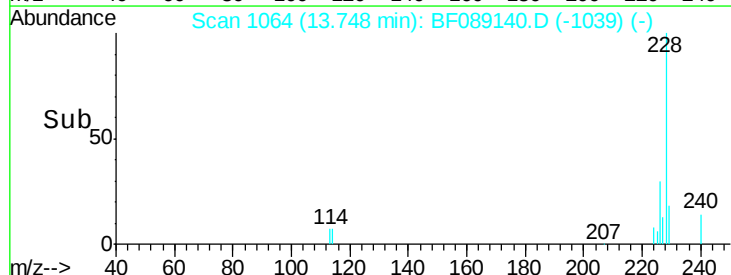
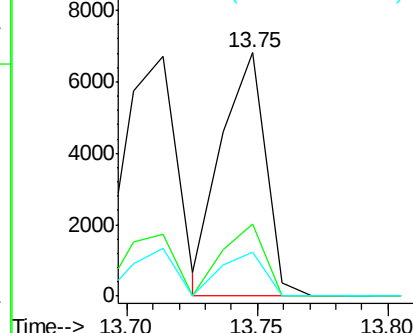


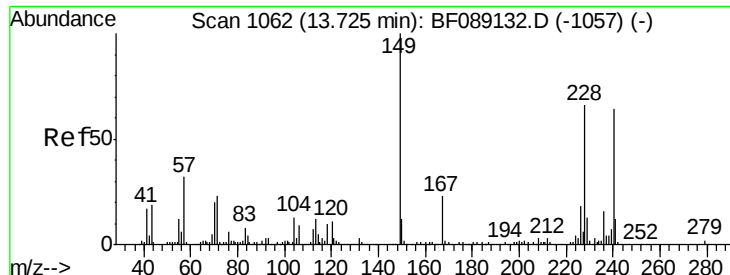
#82
 Chrysene
 Concen: 0.64 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089140.D
 Acq: 20 Jul 2016 19:23

Tgt Ion: 228 Resp: 8084
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.8 35.8
 229 17.9 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.63 ng m

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

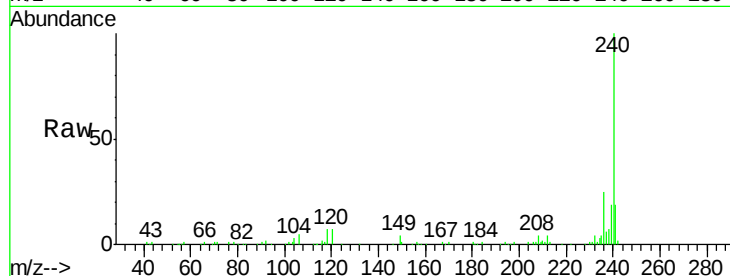
Tgt Ion:149 Resp: 6032

Ion Ratio Lower Upper

149 100

167 29.2 18.6 28.0#

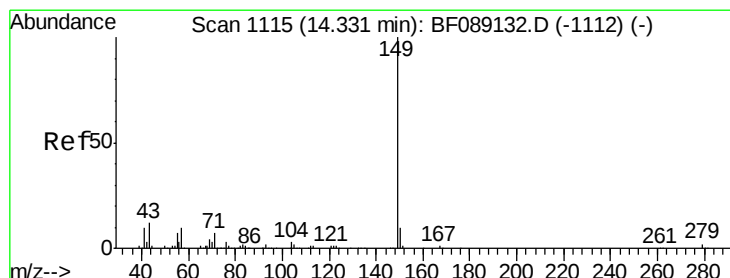
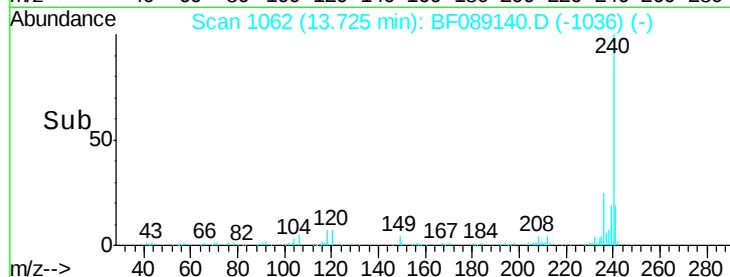
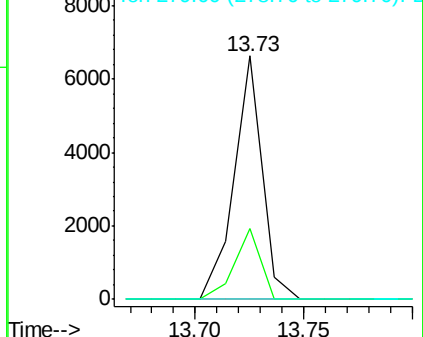
279 0.0 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.57 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

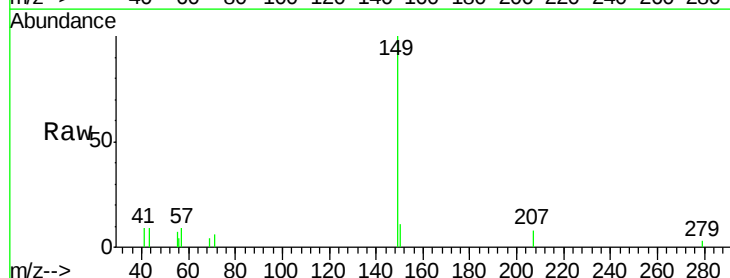
Tgt Ion:149 Resp: 9013

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

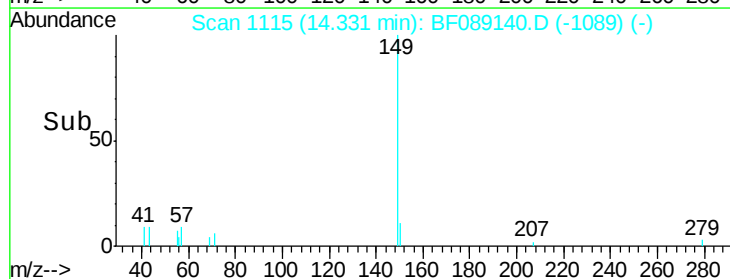
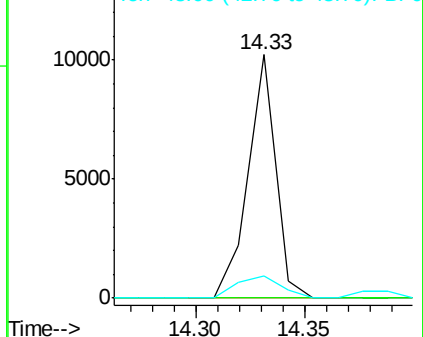
43 14.6 7.3 10.9#

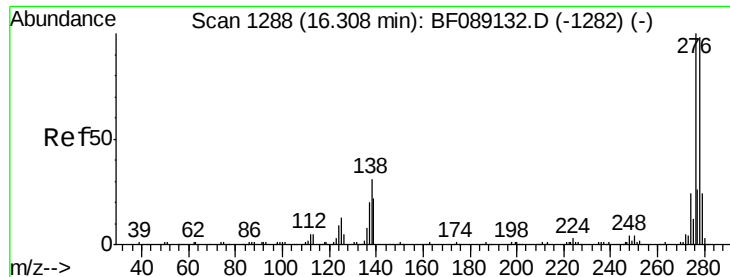


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.54 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

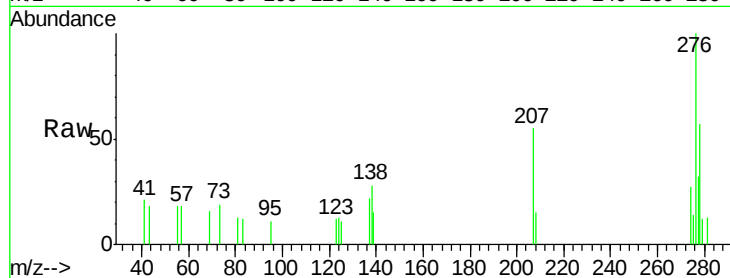
Tgt Ion:276 Resp: 4909

Ion Ratio Lower Upper

276 100

138 27.7 23.7 35.5

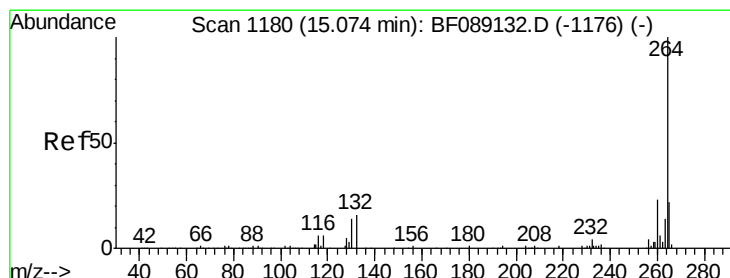
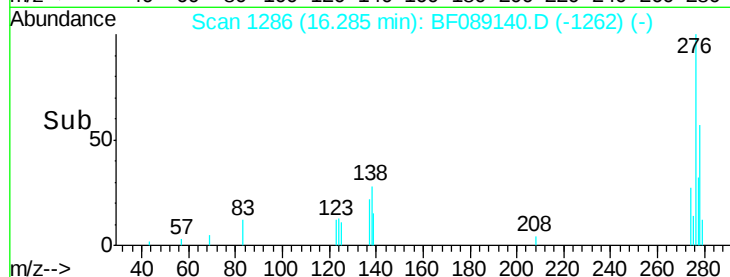
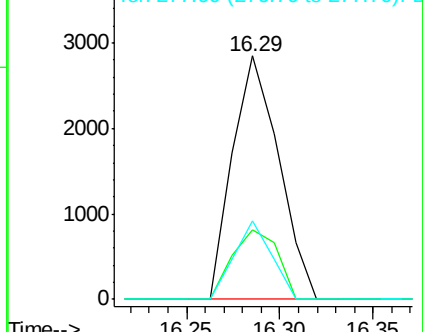
277 26.1 20.6 31.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

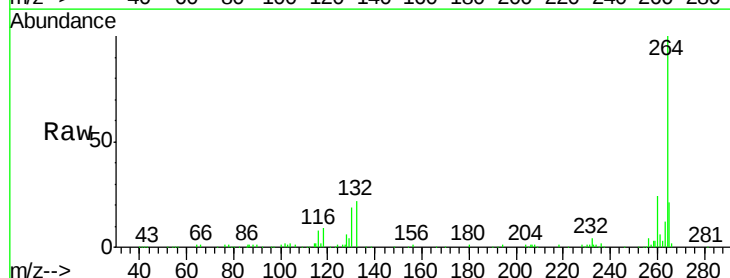
Tgt Ion:264 Resp: 160987

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

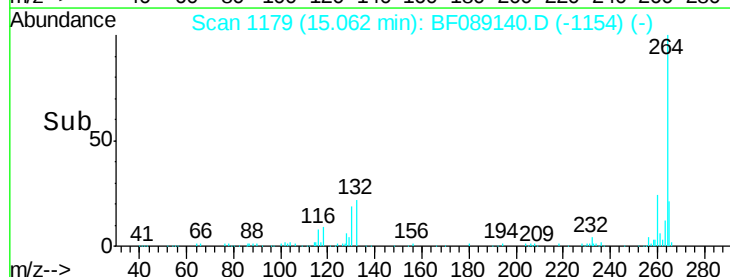
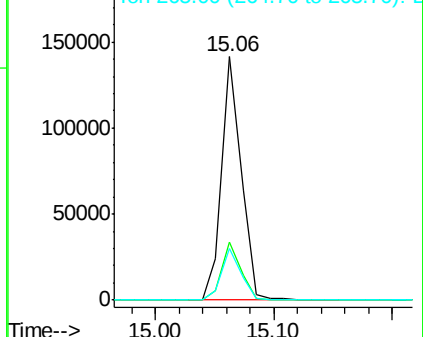
265 21.4 17.3 25.9

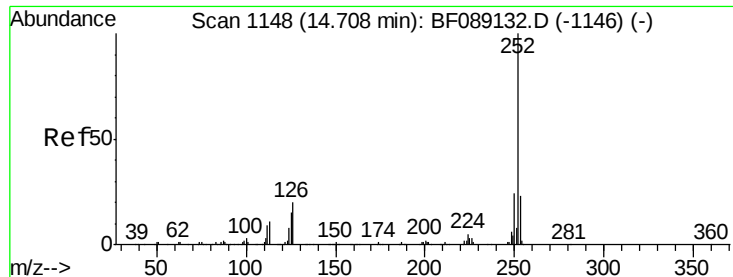


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.75 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

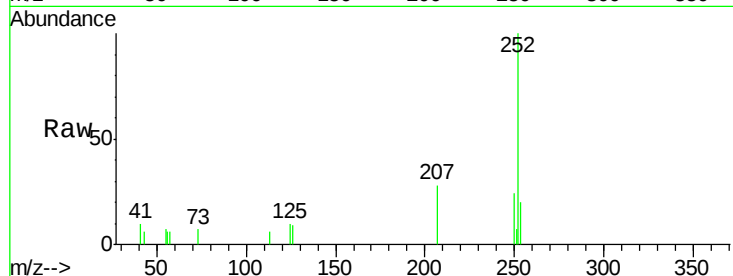
Tgt Ion:252 Resp: 8770

Ion Ratio Lower Upper

252 100

253 19.9 18.2 27.2

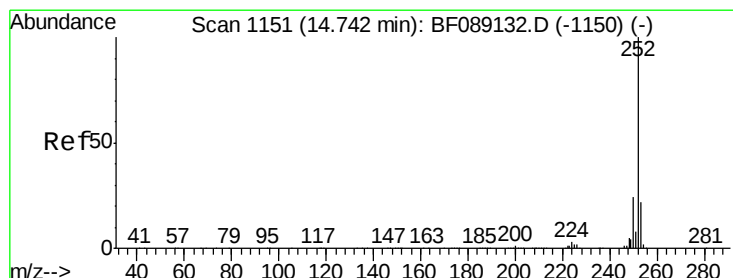
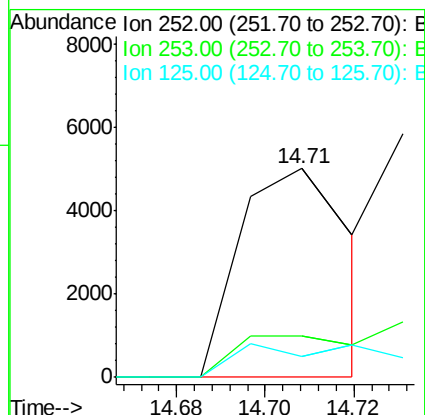
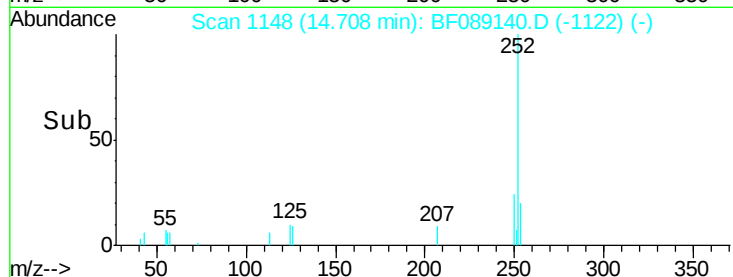
125 9.8 11.9 17.9#



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



#88

Benzo(k)fluoranthene

Concen: 0.53 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

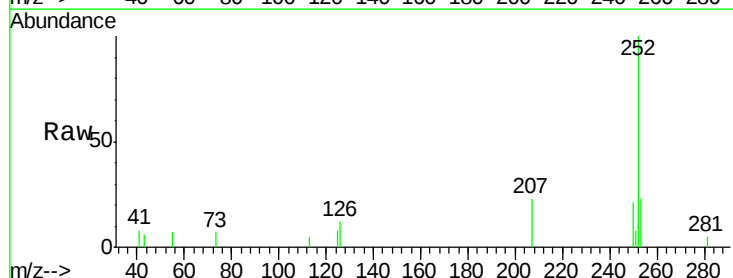
Tgt Ion:252 Resp: 4435

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

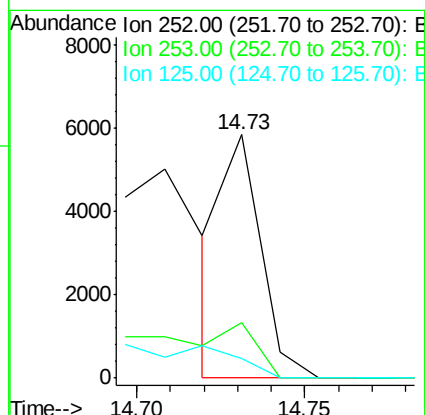
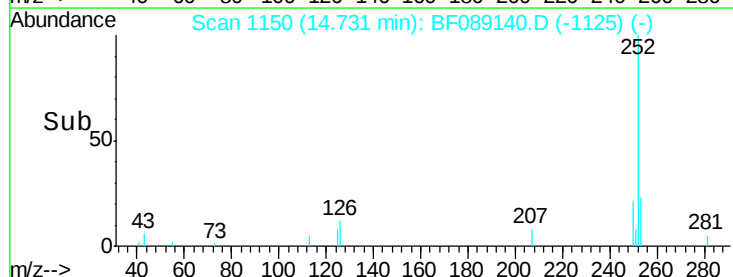
125 8.3 6.3 9.5

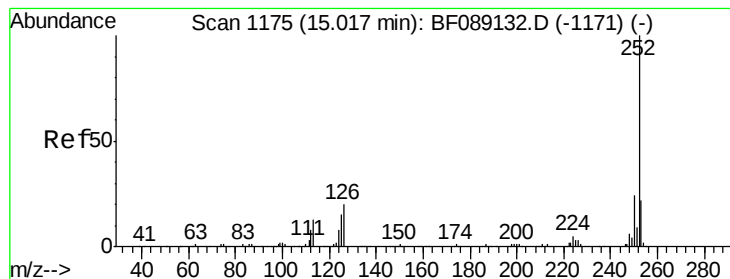


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.69 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

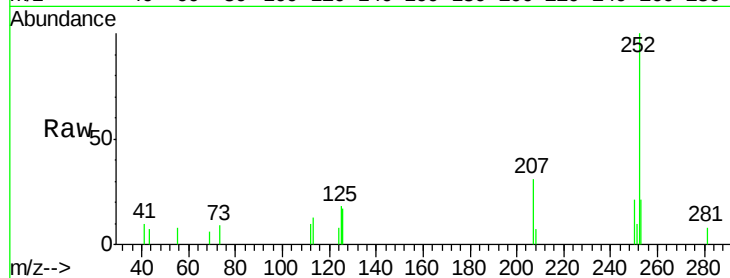
Tgt Ion:252 Resp: 6274

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

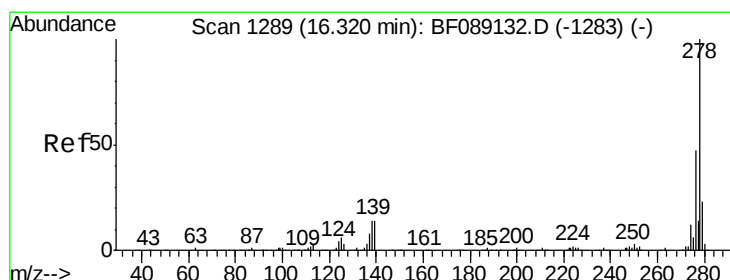
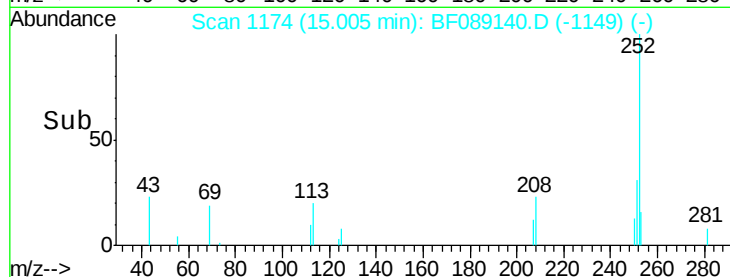
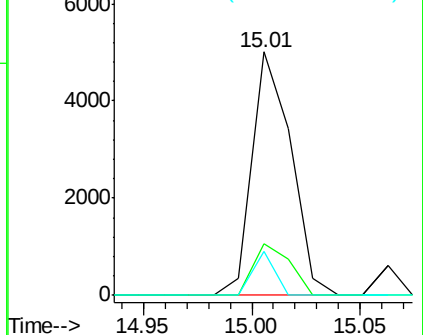
125 17.9 12.4 18.6



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: 0.55 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089140.D

Acq: 20 Jul 2016 19:23

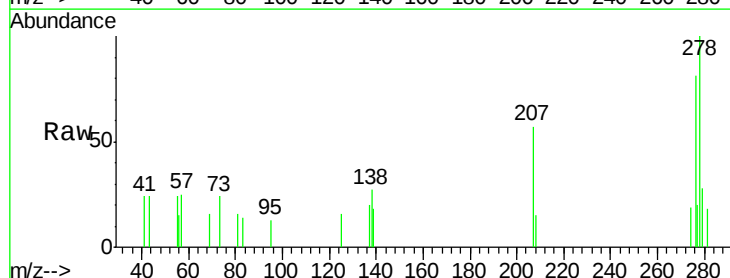
Tgt Ion:278 Resp: 3899

Ion Ratio Lower Upper

278 100

139 18.5 11.4 17.2#

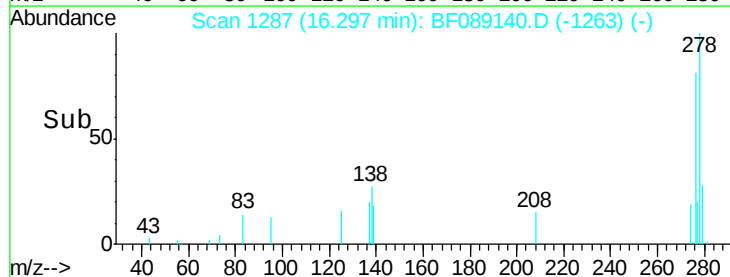
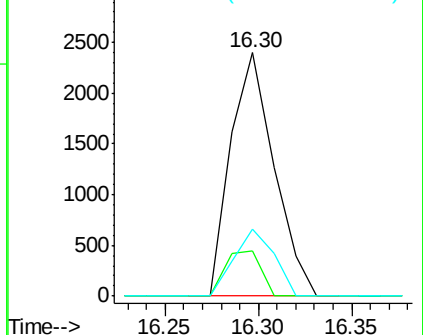
279 27.7 18.4 27.6#

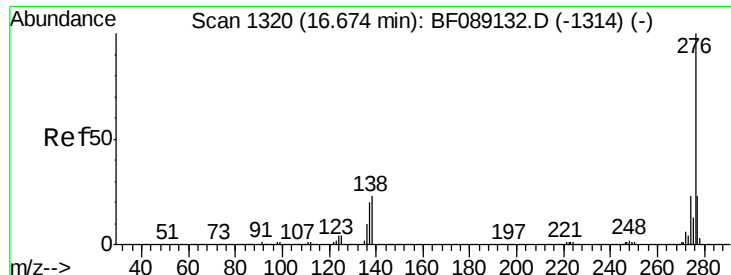


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.60 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089140.D

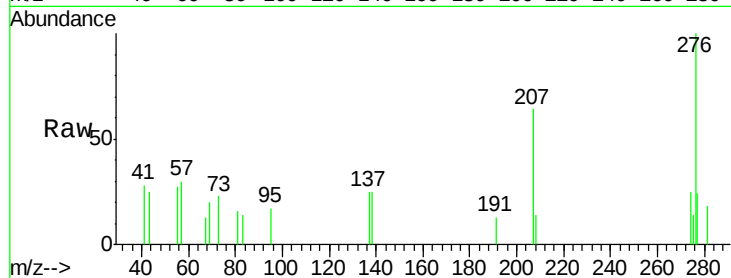
Acq: 20 Jul 2016 19:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01



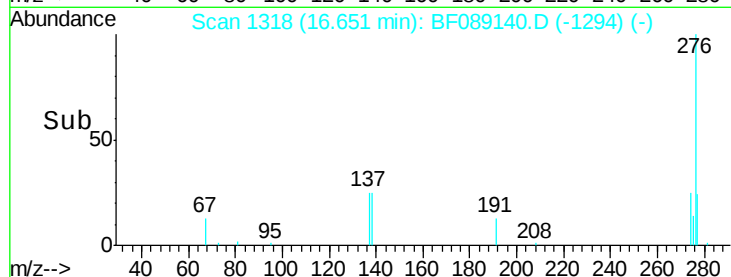
Tgt Ion:276 Resp: 4336

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 24.7 18.5 27.7



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

