

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089142.D
 Acq On : 20 Jul 2016 20:23
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD 5PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 21 01:37:31 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	57847	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	260387	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	122841	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	253306	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	204520	20.00	ng	0.00
86) Perylene-d12	15.06	264	167818	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	375910	98.83	ng	0.01
7) Phenol-d6	6.26	99	493708	100.66	ng	-0.01
23) Nitrobenzene-d5	7.16	82	305529	62.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	119708	108.24	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	554124	62.15	ng	-0.01
78) Terphenyl-d14	12.68	244	510609	54.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.14	88	4230	2.56	ng	# 68
3) Pyridine	2.88	79	5796	1.38	ng	# 88
4) n-Nitrosodimethylamine	2.75	42	4313	2.44	ng	# 85
6) Aniline	6.27	93	8674	1.31	ng	# 1
8) 2-Chlorophenol	6.39	128	14460	3.43	ng	# 77
9) Benzaldehyde	6.15	77	11969	3.47	ng	99
10) Phenol	6.27	94	18957	3.35	ng	# 45
11) bis(2-Chloroethyl)ether	6.34	93	14595	3.44	ng	91
12) 1,3-Dichlorobenzene	6.54	146	15550	3.34	ng	98
13) 1,4-Dichlorobenzene	6.62	146	15891	3.39	ng	96
14) 1,2-Dichlorobenzene	6.76	146	15095	3.41	ng	94
15) Benzyl Alcohol	6.75	79	17415	4.85	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	6.89	45	15366	3.18	ng	# 71
17) 2-Methylphenol	6.88	107	12711	3.82	ng	97
18) Hexachloroethane	7.11	117	6044	3.43	ng	# 90
19) n-Nitroso-di-n-propylamine	7.02	70	10305	3.21	ng	# 89
20) 3+4-Methylphenols	7.05	107	16297	3.61	ng	95
22) Acetophenone	7.02	105	22245	3.20	ng	# 97
24) Nitrobenzene	7.19	77	17328	3.35	ng	97
25) Isophorone	7.43	82	29912	3.31	ng	98
26) 2-Nitrophenol	7.51	139	7314	3.03	ng	89
27) 2,4-Dimethylphenol	7.56	122	12075	2.97	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	17839	3.16	ng	100
29) 2,4-Dichlorophenol	7.76	162	11403	3.12	ng	92
30) 1,2,4-Trichlorobenzene	7.83	180	13055	3.22	ng	97
31) Naphthalene	7.91	128	45955	3.27	ng	99
32) Benzoic acid	7.64	122	4616	1.48	ng	# 88
33) 4-Chloroaniline	7.98	127	8075	1.37	ng	# 93
34) Hexachlorobutadiene	8.03	225	6675	2.96	ng	98
35) Caprolactam	8.30	113	3038	2.67	ng	96
36) 4-Chloro-3-methylphenol	8.46	107	14527	3.29	ng	99
37) 2-Methylnaphthalene	8.59	142	29348	3.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	12594	2.76	ng	97
40) Hexachlorocyclopentadiene	8.75	237	1110	9.10	ng	93

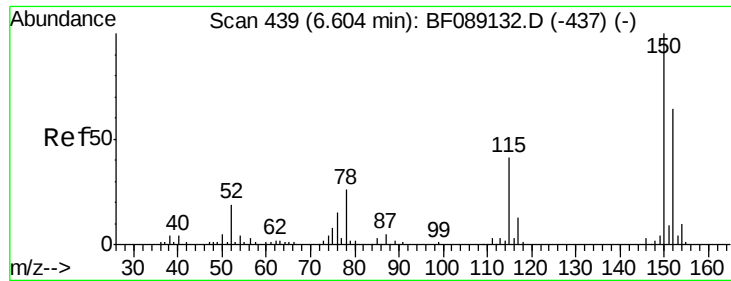
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	8556	3.35	ng	96
43) 2,4,5-Trichlorophenol	8.92	196	9206	3.59	ng	# 89
45) 1,1'-Biphenyl	9.06	154	35340	3.19	ng	97
46) 2-Chloronaphthalene	9.08	162	26636	3.17	ng	93
47) 2-Nitroaniline	9.19	65	8394	2.91	ng	# 81
48) Acenaphthylene	9.48	152	43637	3.30	ng	98
49) Dimethylphthalate	9.36	163	34307	3.64	ng	98
50) 2,6-Dinitrotoluene	9.43	165	6778	3.18	ng	98
51) Acenaphthene	9.66	154	26315	3.37	ng	99
52) 3-Nitroaniline	9.60	138	6900	2.73	ng	98
53) 2,4-Dinitrophenol	9.71	184	551	8.99	ng	92
54) Dibenzofuran	9.83	168	40298	3.81	ng	99
55) 4-Nitrophenol	9.83	139	21096	13.80	ng	# 10
56) 2,4-Dinitrotoluene	9.83	165	9981	3.64	ng	# 95
57) Fluorene	10.17	166	34078	3.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	6354	3.45	ng	# 93
59) Diethylphthalate	10.06	149	34879	3.73	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	15721	3.84	ng	# 85
61) 4-Nitroaniline	10.20	138	7345	2.99	ng	91
62) Azobenzene	10.33	77	38441	3.78	ng	91
64) 4,6-Dinitro-2-methylphenol	10.24	198	2477	1.68	ng	76
65) n-Nitrosodiphenylamine	10.30	169	27659	3.27	ng	100
66) 4-Bromophenyl-phenylether	10.65	248	7638	3.05	ng	# 78
67) Hexachlorobenzene	10.72	284	8637	3.20	ng	# 86
68) Atrazine	10.82	200	8559	3.23	ng	94
69) Pentachlorophenol	10.92	266	2047	1.65	ng	98
70) Phenanthrene	11.12	178	49395	3.55	ng	99
71) Anthracene	11.18	178	51481	3.56	ng	99
72) Carbazole	11.34	167	47824	3.77	ng	99
73) Di-n-butylphthalate	11.68	149	55660	3.55	ng	98
74) Fluoranthene	12.30	202	49748	3.41	ng	97
76) Benzidine	12.43	184	6395	0.91	ng	98
77) Pyrene	12.52	202	52727	3.12	ng	98
79) Butylbenzylphthalate	13.15	149	21433	3.00	ng	85
80) Benzo(a)anthracene	13.71	228	40555	3.11	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	6545	1.51	ng	99
82) Chrysene	13.75	228	38550	3.10	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	29775	3.14	ng	# 95
84) Di-n-octyl phthalate	14.33	149	50174	3.21	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.29	276	28668	3.17	ng	99
87) Benzo(b)fluoranthene	14.73	252	68841	5.66	ng	# 92
88) Benzo(k)fluoranthene	14.73	252	68841	7.92	ng	99
89) Benzo(a)pyrene	15.01	252	32021	3.39	ng	99
90) Dibenzo(a,h)anthracene	16.30	278	23362	3.14	ng	# 96
91) Benzo(g,h,i)perylene	16.65	276	23794	3.17	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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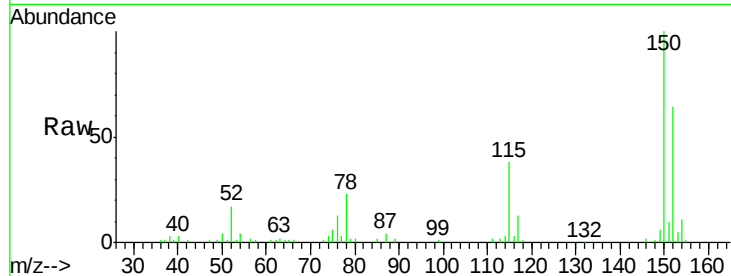
Tgt Ion:152 Resp: 57847

Ion Ratio Lower Upper

152 100

150 155.3 125.1 187.7

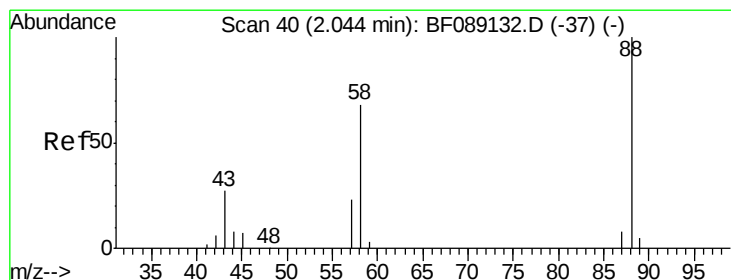
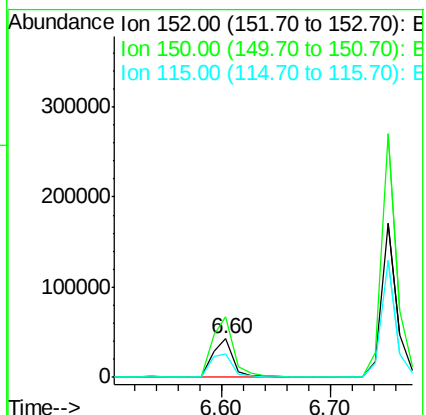
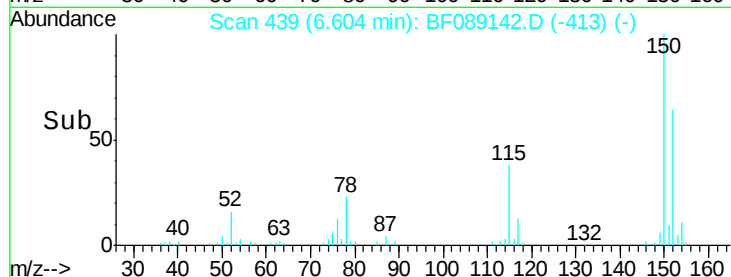
115 59.2 51.1 76.7



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



#2

1,4-Dioxane

Concen: 2.56 ng

RT: 2.14 min Scan# 48

Delta R.T. 0.09 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

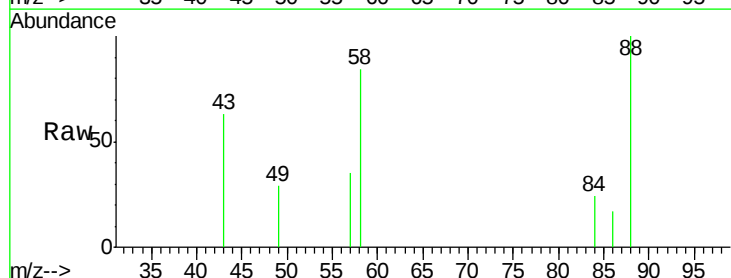
Tgt Ion: 88 Resp: 4230

Ion Ratio Lower Upper

88 100

58 86.0 49.2 73.8#

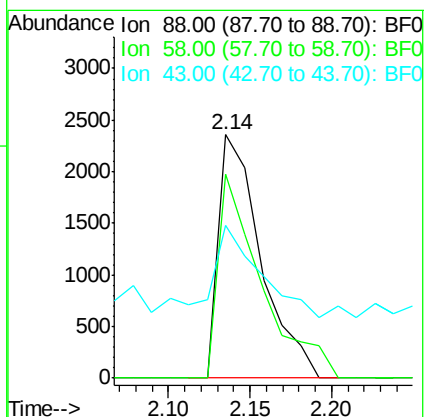
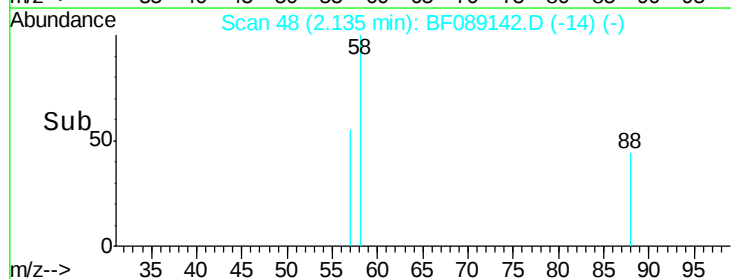
43 41.4 20.6 30.8#

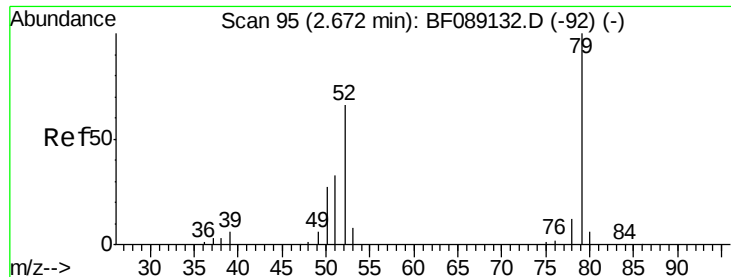


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 1.38 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.21 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

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LOD-WATER2016-01

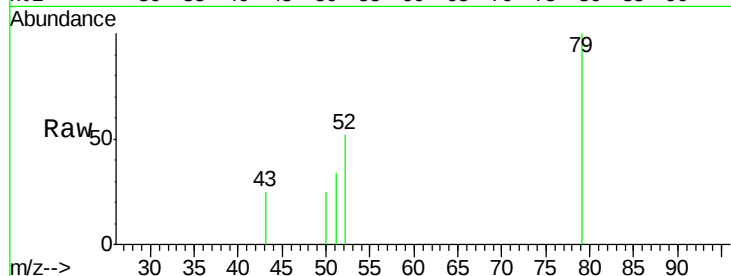
Tgt Ion: 79 Resp: 5796

Ion Ratio Lower Upper

79 100

52 52.1 52.9 79.3#

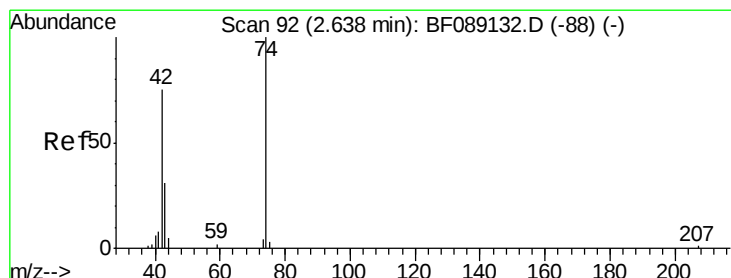
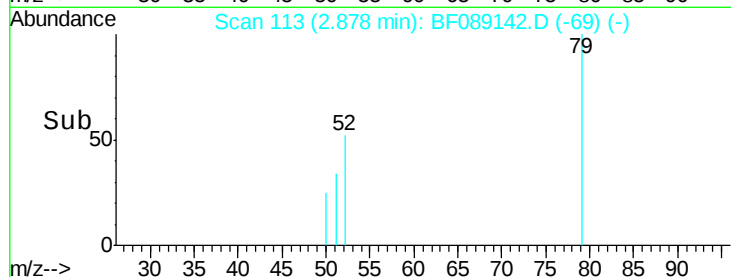
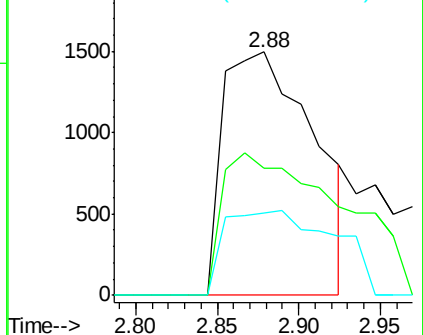
51 33.7 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 2.44 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.11 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

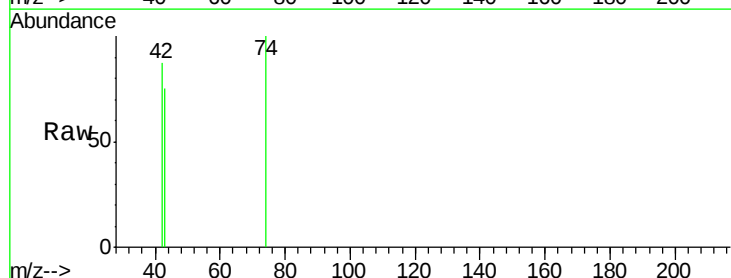
Tgt Ion: 42 Resp: 4313

Ion Ratio Lower Upper

42 100

74 115.2 106.4 159.6

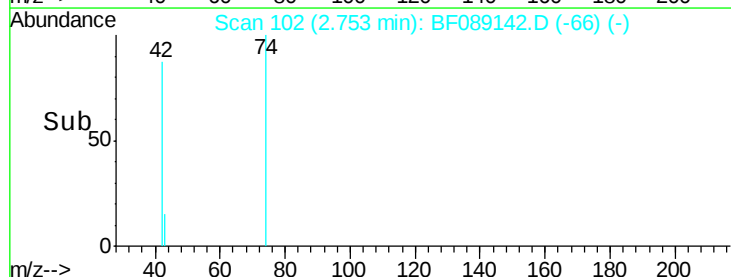
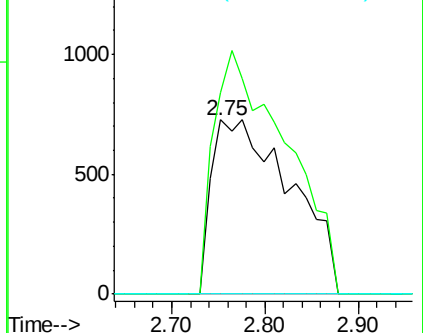
44 0.0 5.2 7.8#

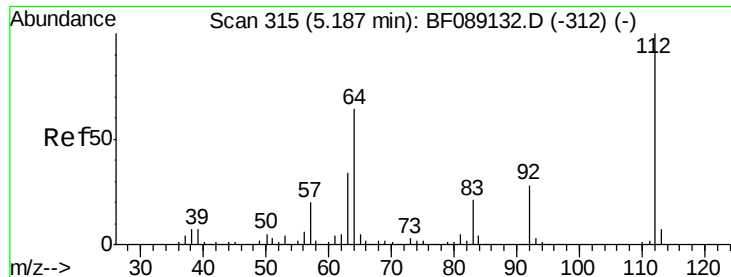


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.83 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

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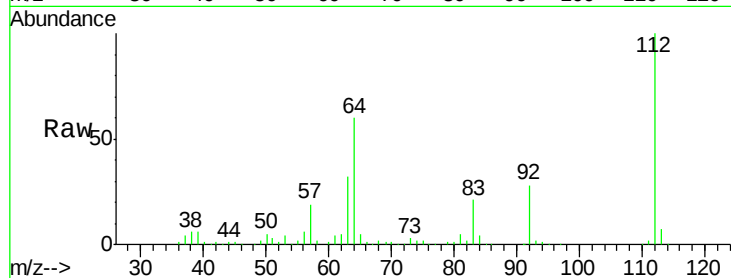
Tgt Ion: 112 Resp: 375910

Ion Ratio Lower Upper

112 100

64 59.8 51.0 76.4

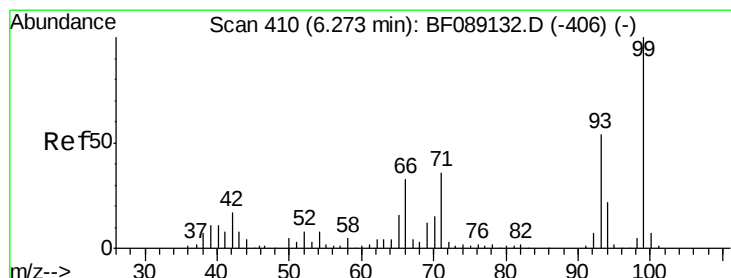
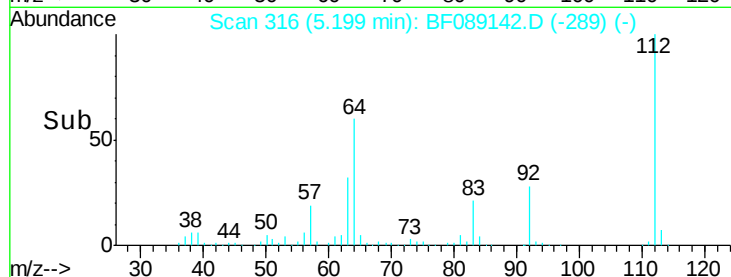
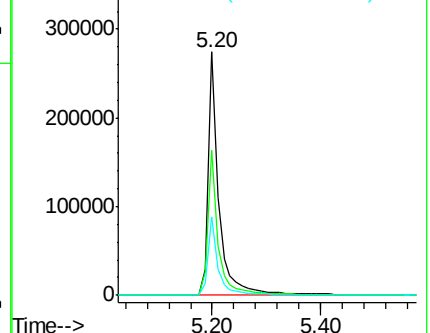
63 32.3 27.3 40.9



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: 1.31 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

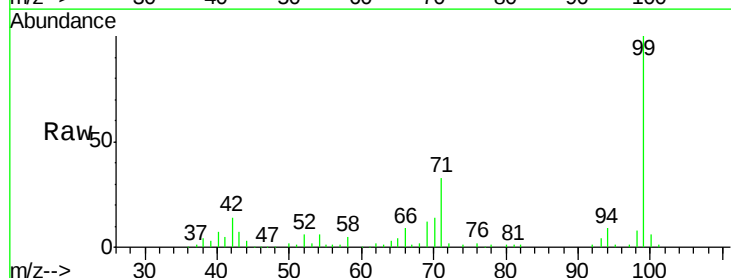
Tgt Ion: 93 Resp: 8674

Ion Ratio Lower Upper

93 100

66 235.8 48.9 73.3#

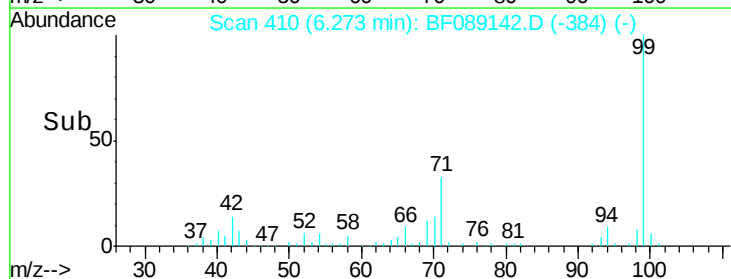
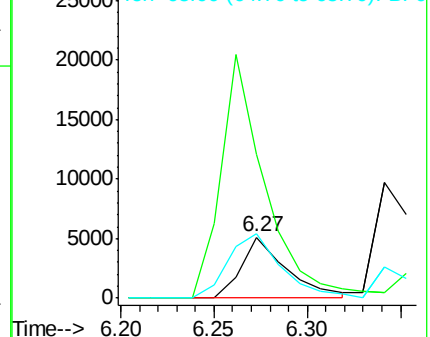
65 106.1 23.9 35.9#

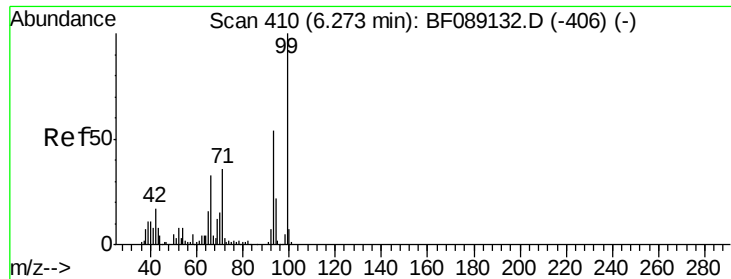


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.66 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

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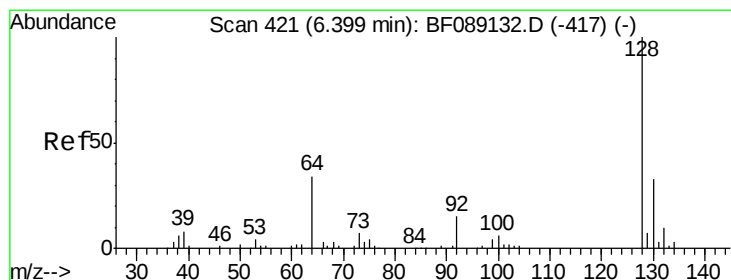
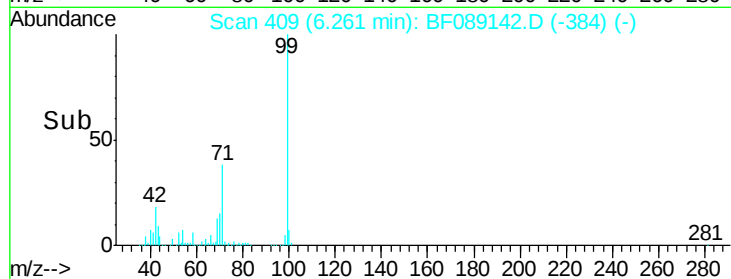
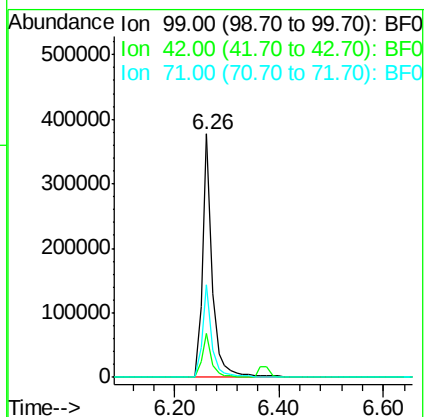
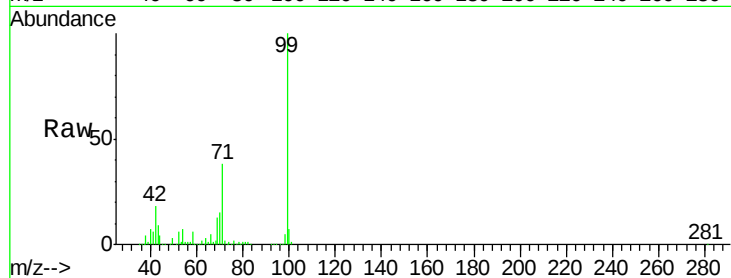
Tgt Ion: 99 Resp: 493708

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 38.2 28.9 43.3



#8

2-Chlorophenol

Concen: 3.43 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

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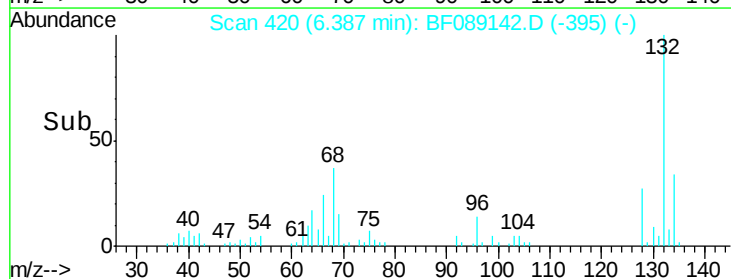
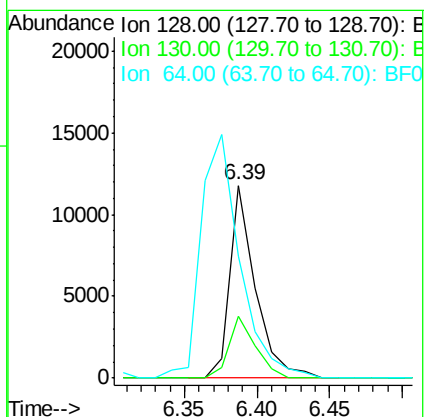
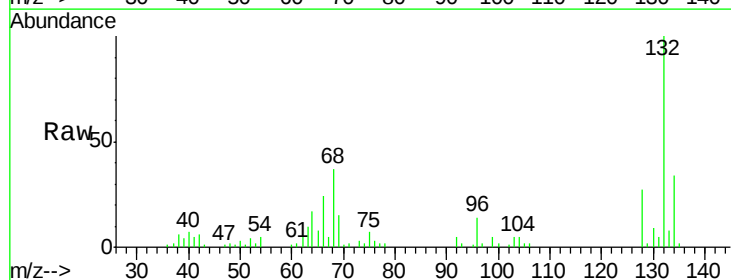
Tgt Ion: 128 Resp: 14460

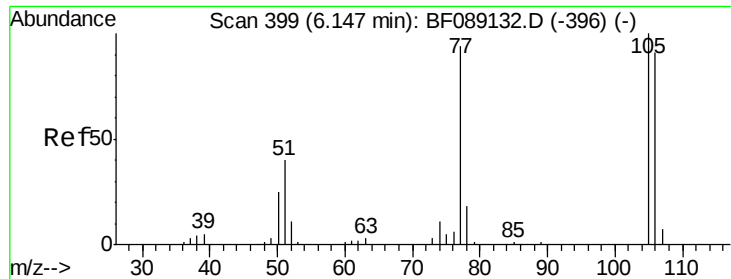
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 63.1 17.5 57.5#

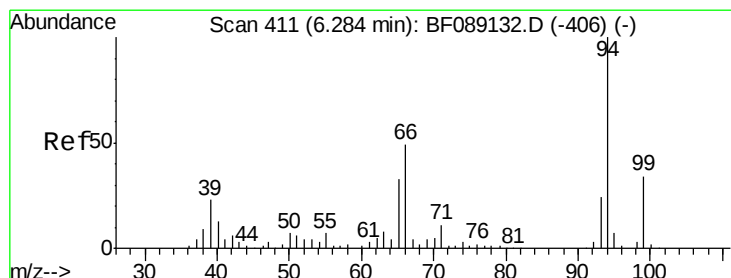
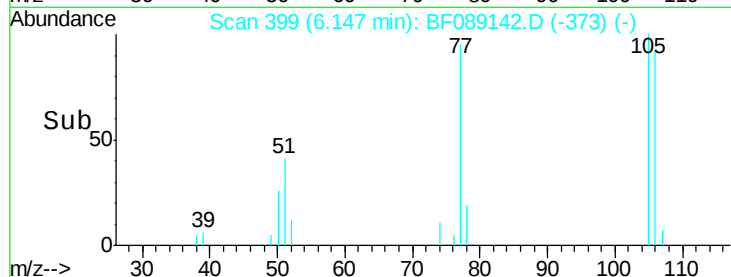
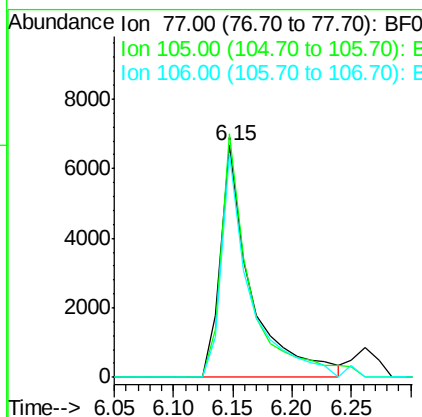
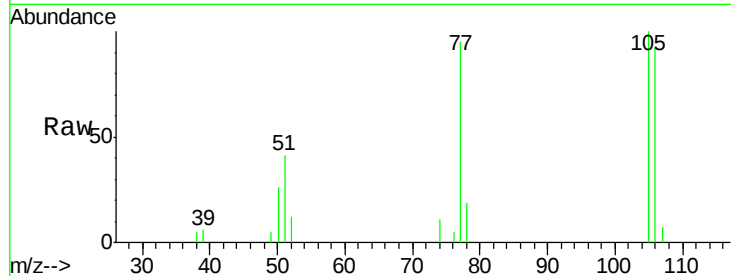




#9
Benzaldehyde
Concen: 3.47 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

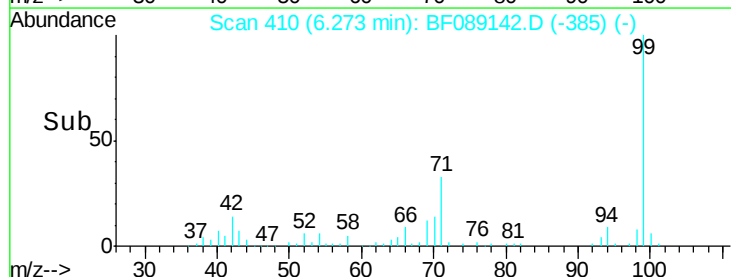
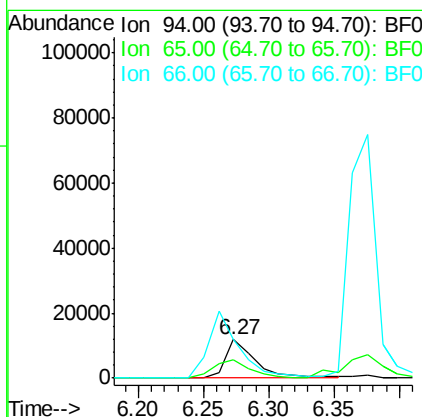
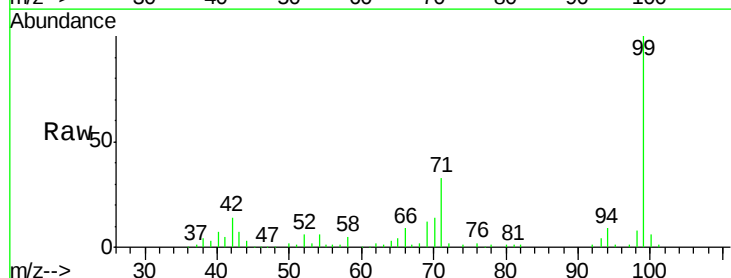
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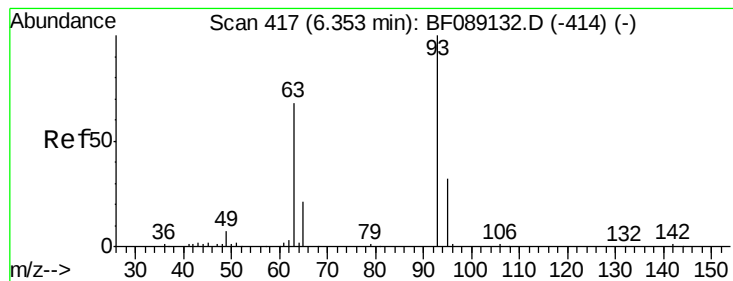
Tgt Ion: 77 Resp: 11969
Ion Ratio Lower Upper
77 100
105 105.2 86.2 126.2
106 96.7 76.3 116.3



#10
Phenol
Concen: 3.35 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion: 94 Resp: 18957
Ion Ratio Lower Upper
94 100
65 46.0 13.3 53.3
66 102.2 29.3 69.3#

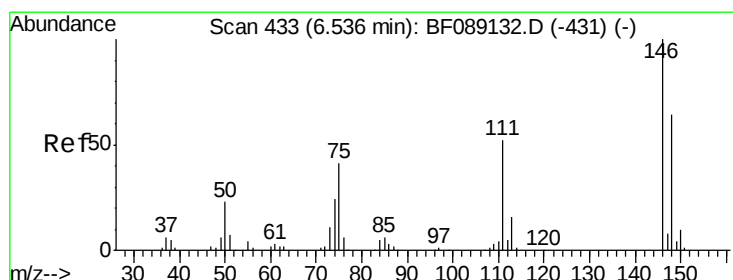
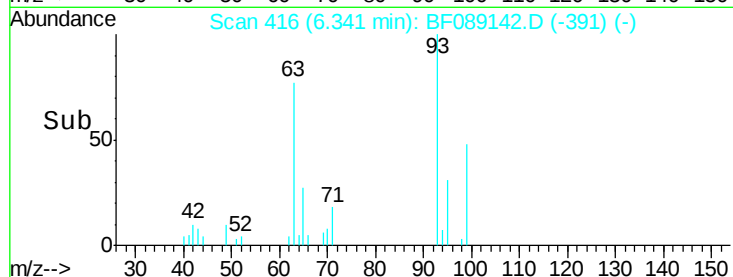
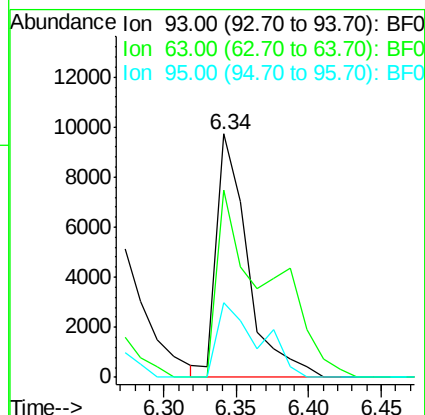
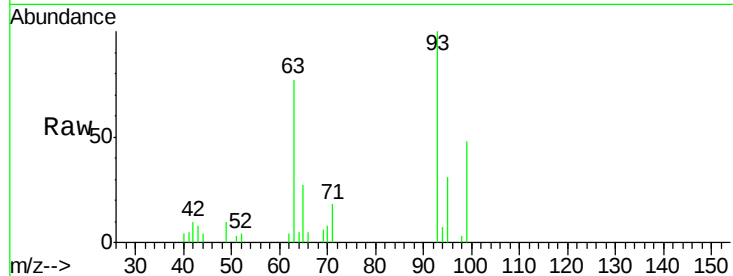




#11
bis(2-Chloroethyl)ether
Concen: 3.44 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

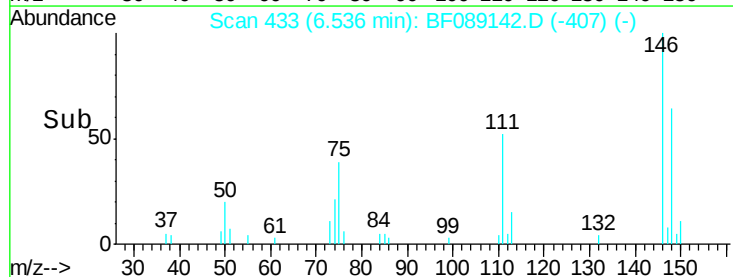
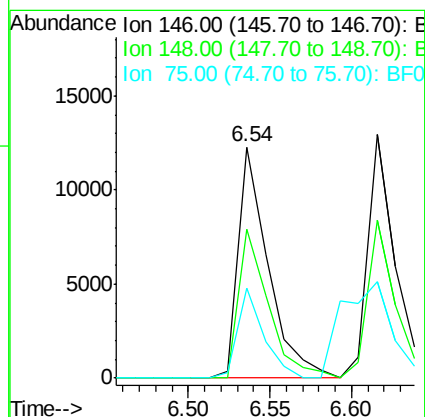
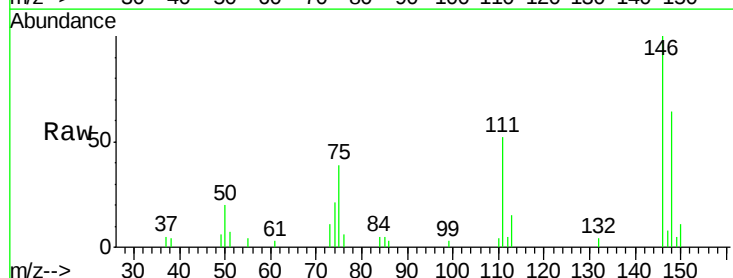
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

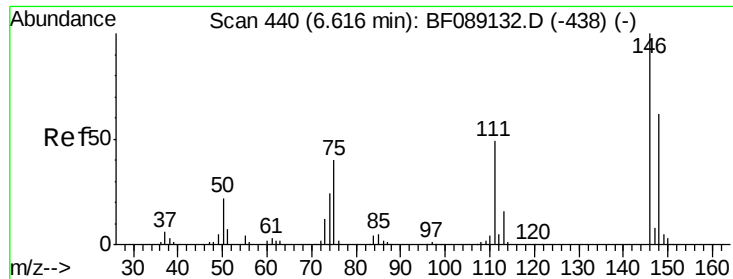
Tgt Ion: 93 Resp: 14595
Ion Ratio Lower Upper
93 100
63 76.9 47.3 87.3
95 30.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 3.34 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion: 146 Resp: 15550
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
75 39.0 32.5 48.7

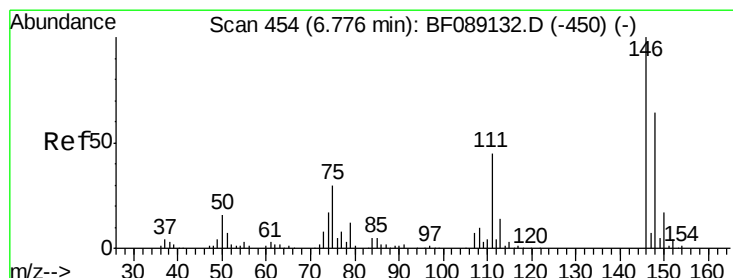
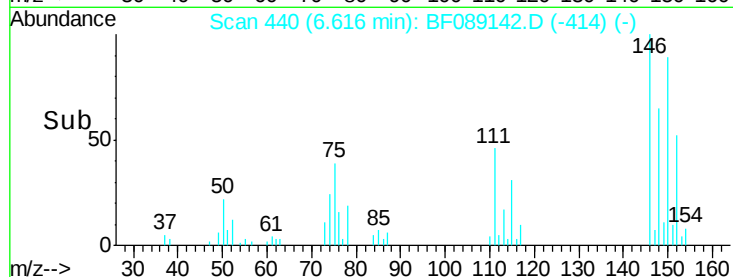
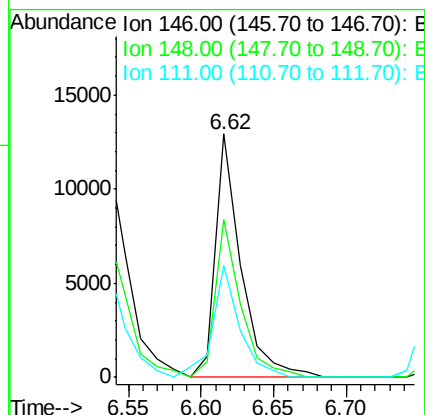
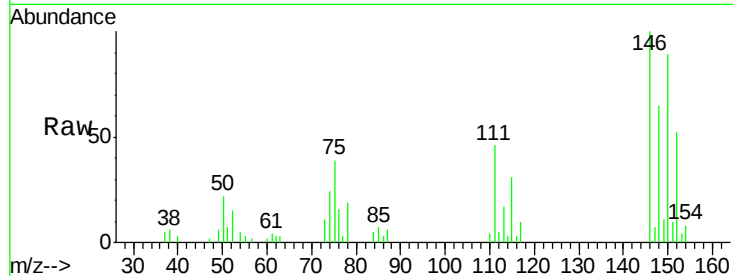




#13
 1,4-Dichlorobenzene
 Concen: 3.39 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

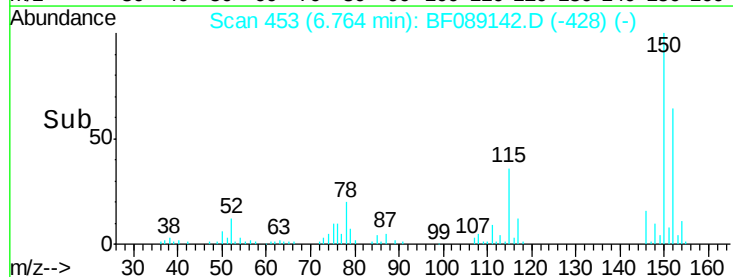
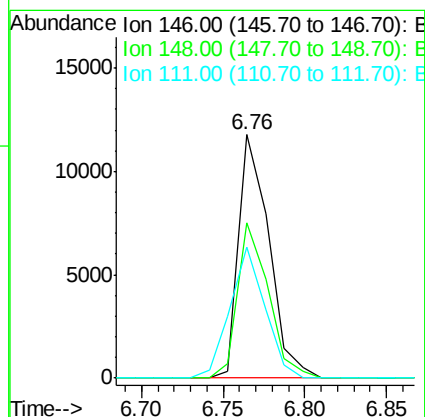
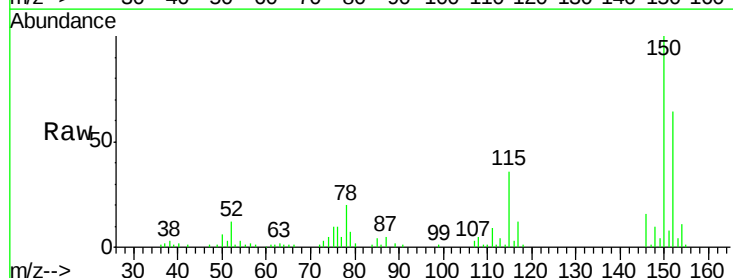
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

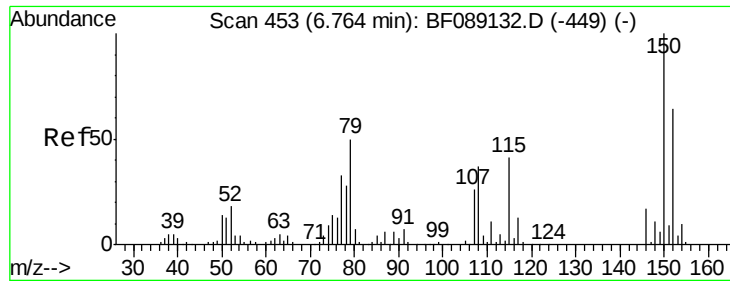
Tgt Ion:146 Resp: 15891
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.9 74.9
 111 45.7 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 3.41 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:146 Resp: 15095
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 53.5 35.9 53.9





#15

Benzyl Alcohol

Concen: 4.85 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

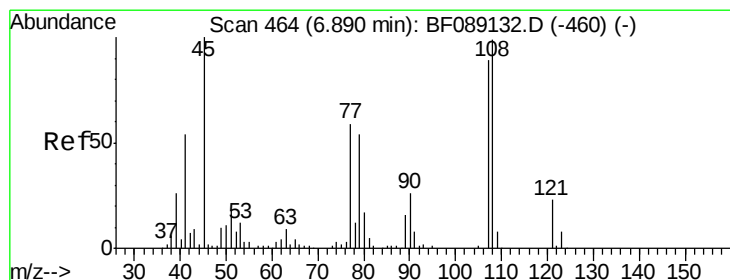
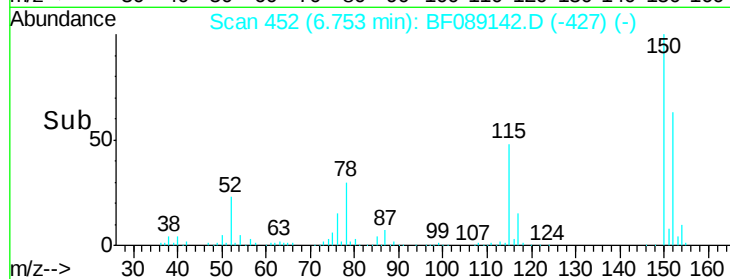
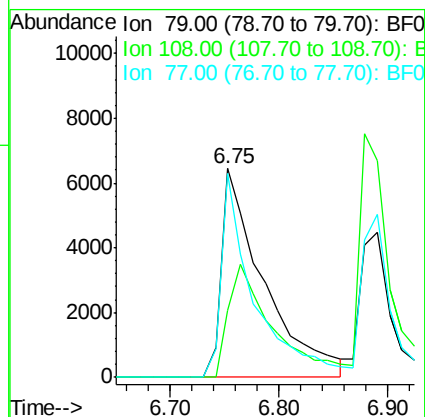
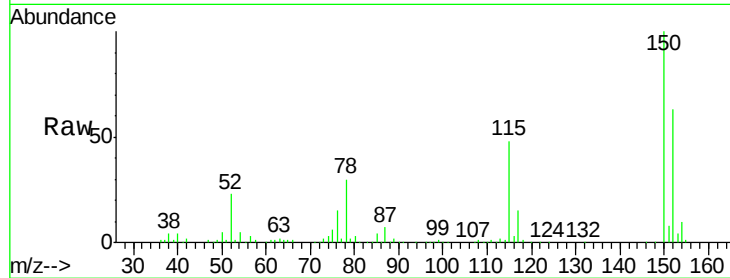
Tgt Ion: 79 Resp: 17415

Ion Ratio Lower Upper

79 100

108 32.1 58.2 87.4#

77 97.9 52.2 78.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.18 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

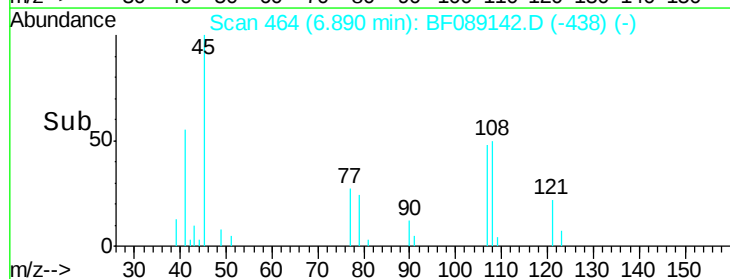
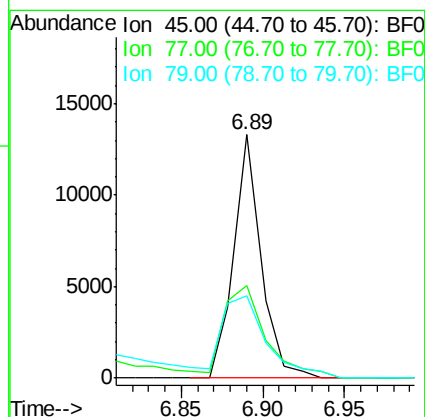
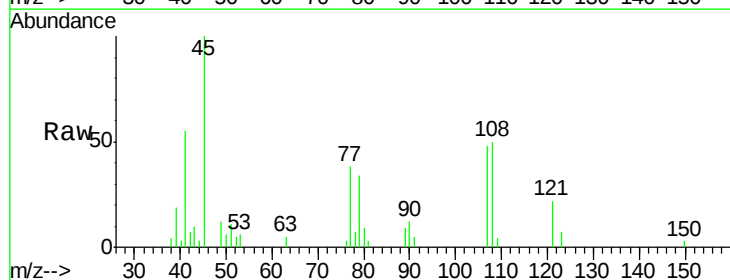
Tgt Ion: 45 Resp: 15366

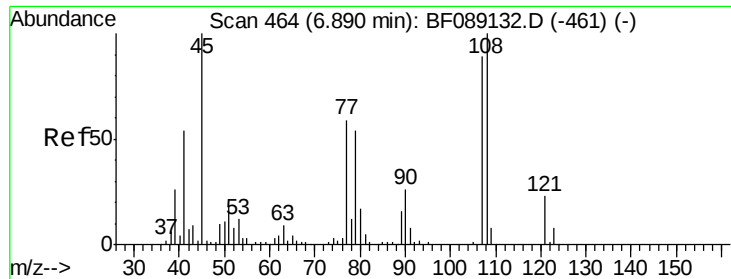
Ion Ratio Lower Upper

45 100

77 37.9 39.7 79.7#

79 33.6 34.7 74.7#

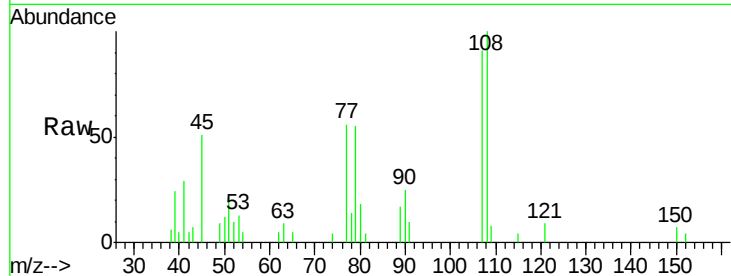




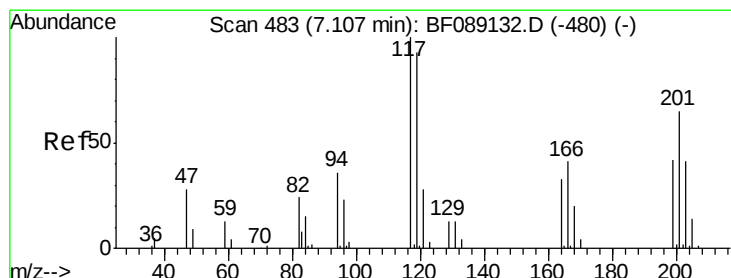
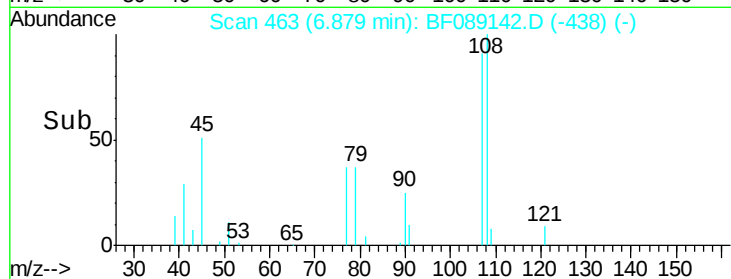
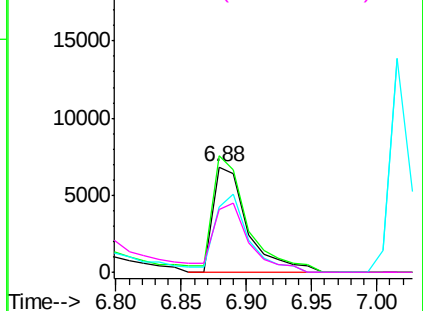
#17
2-Methylphenol
Concen: 3.82 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:107 Resp: 12711
Ion Ratio Lower Upper
107 100
108 109.9 89.4 134.2
77 62.1 53.4 80.0
79 60.0 49.0 73.4

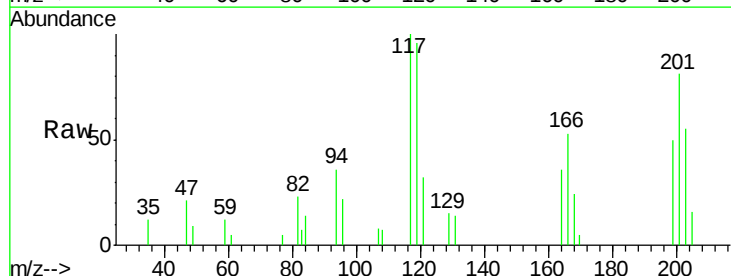


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

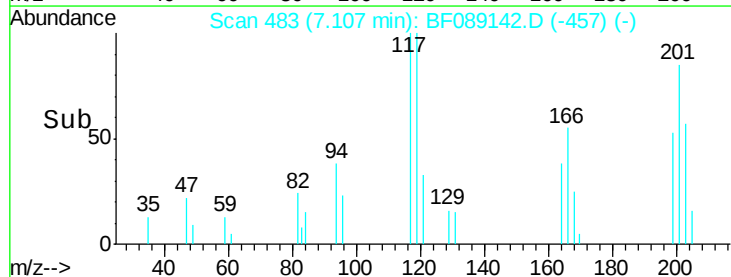
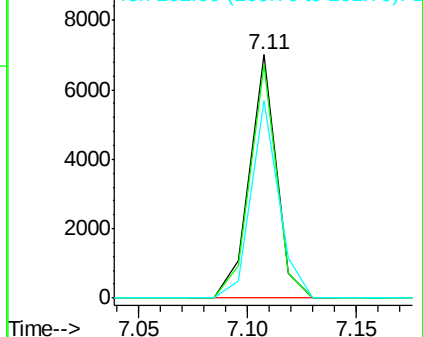


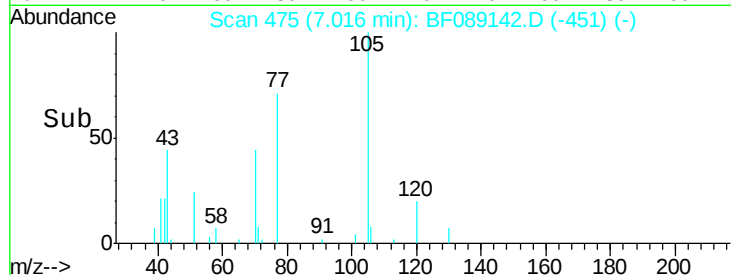
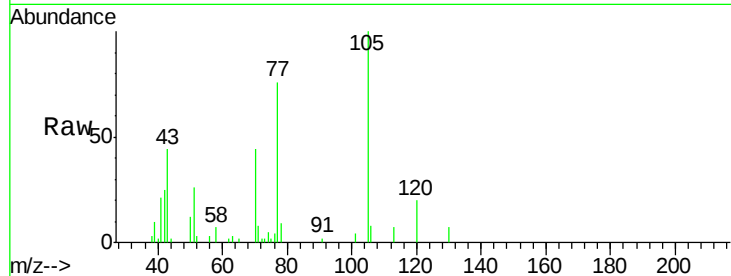
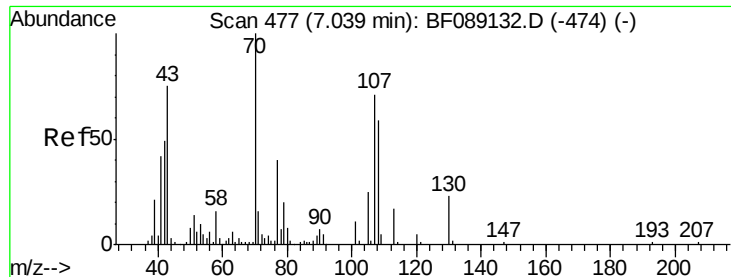
#18
Hexachloroethane
Concen: 3.43 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:117 Resp: 6044
Ion Ratio Lower Upper
117 100
119 95.7 74.5 111.7
201 81.3 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

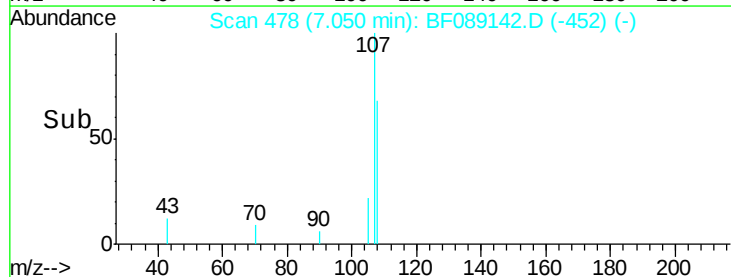
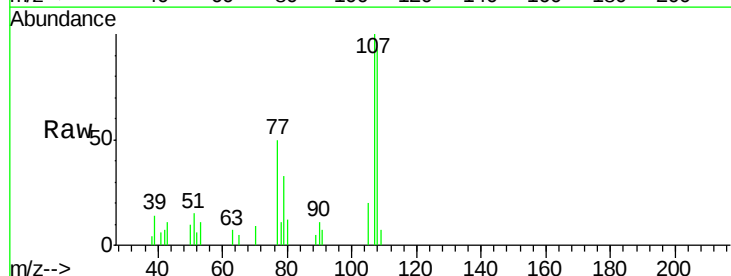
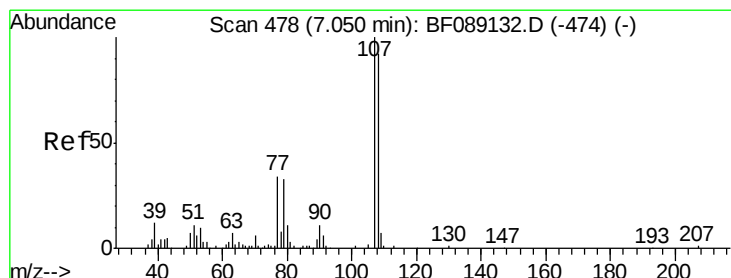
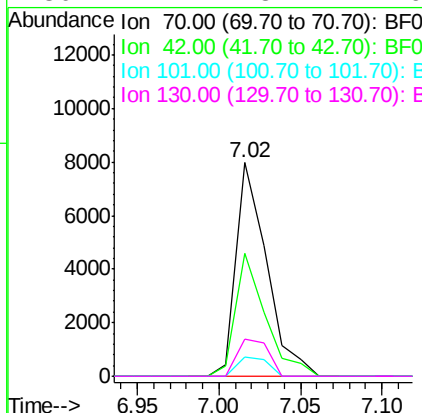




#19
n-Nitroso-di-n-propylamine
Concen: 3.21 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

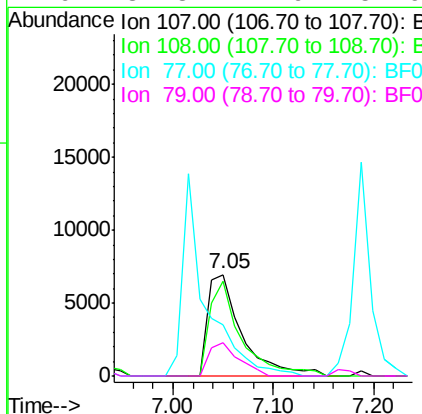
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

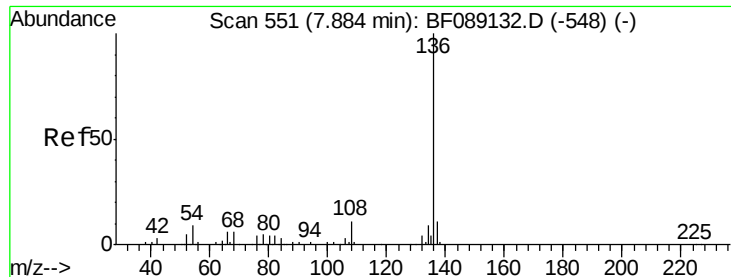
Tgt Ion: 70 Resp: 10305
Ion Ratio Lower Upper
70 100
42 57.7 39.2 58.8
101 9.1 8.5 12.7
130 17.1 18.4 27.6#



#20
3+4-Methylphenols
Concen: 3.61 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion: 107 Resp: 16297
Ion Ratio Lower Upper
107 100
108 93.2 72.5 112.5
77 50.2 17.7 57.7
79 32.8 12.9 52.9

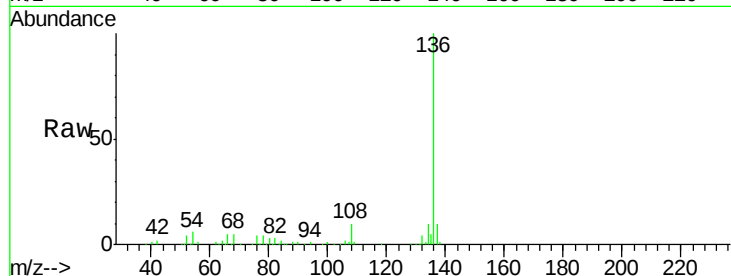




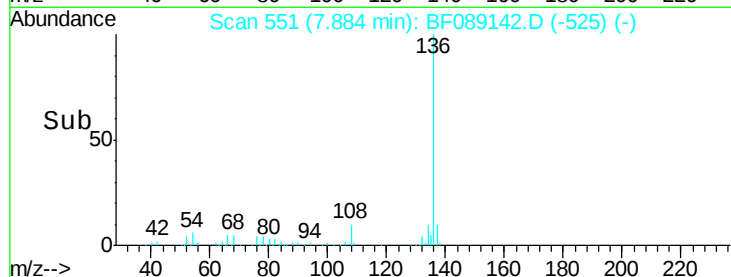
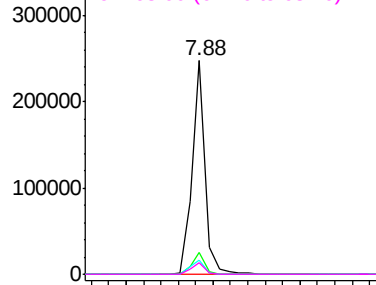
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

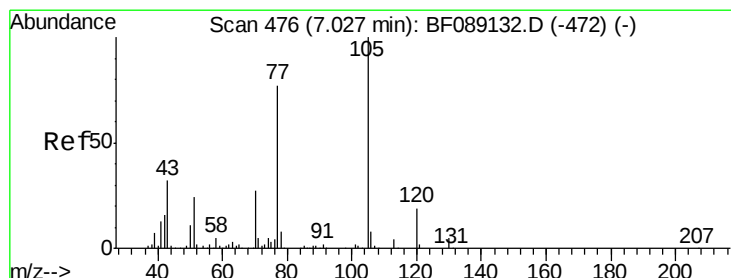
Tgt Ion:	136	Resp:	260387
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.5	7.0	10.4#
68	5.2	5.0	7.6



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

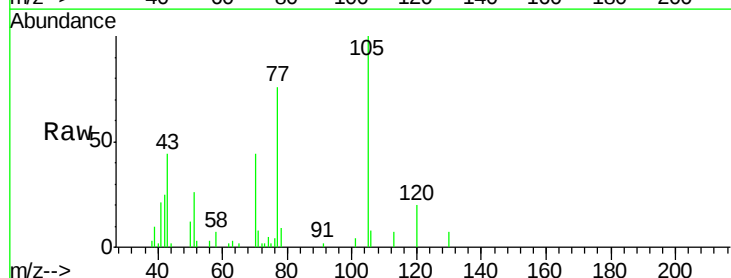


Time-->

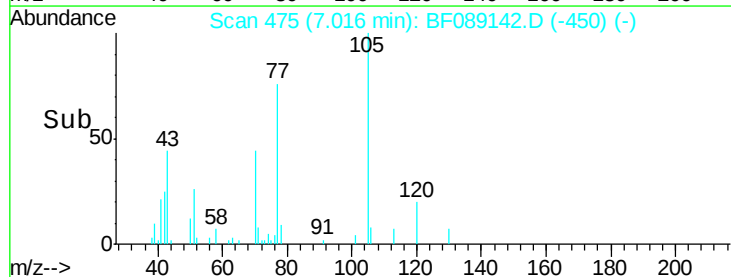
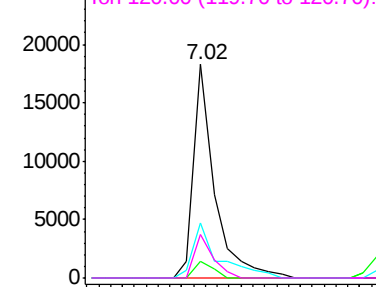


#22
Acetophenone
Concen: 3.20 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

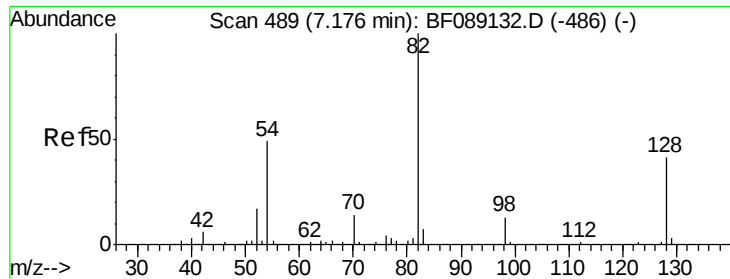
Tgt Ion:	105	Resp:	22245
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.8	5.6#
51	25.6	19.6	29.4
120	20.3	15.5	23.3



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



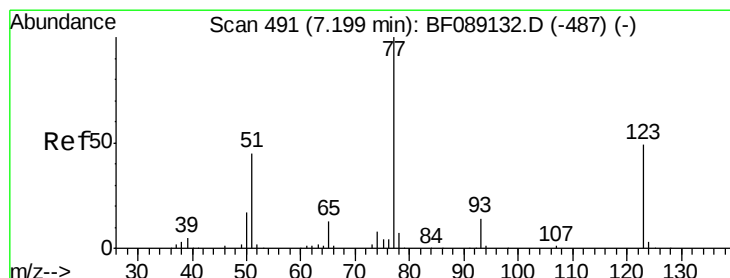
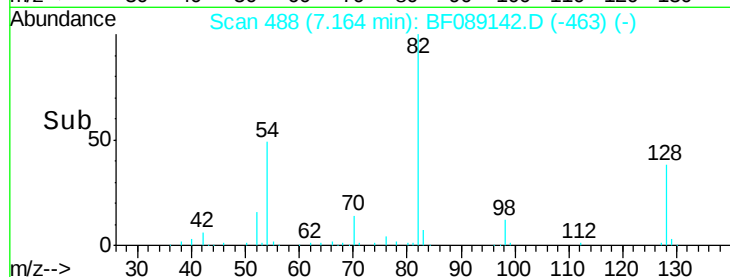
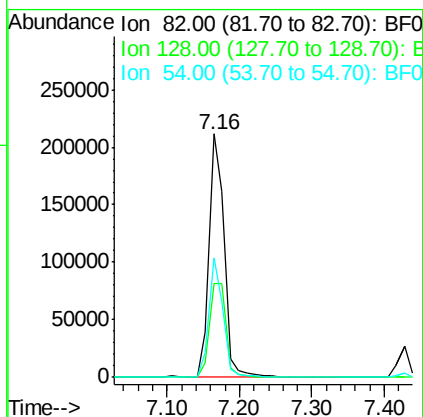
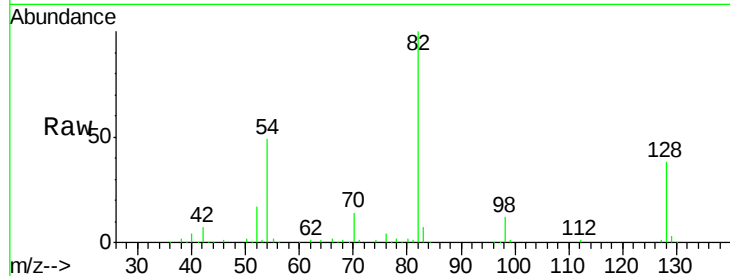
Time-->



#23
 Nitrobenzene-d5
 Concen: 62.35 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

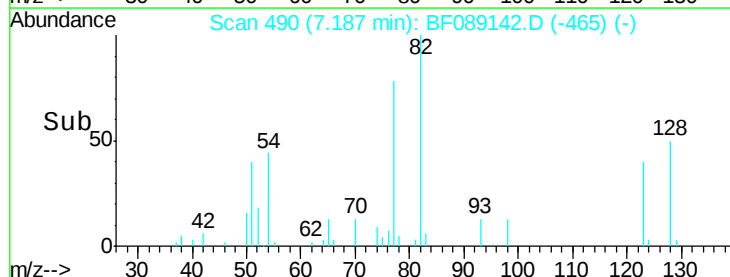
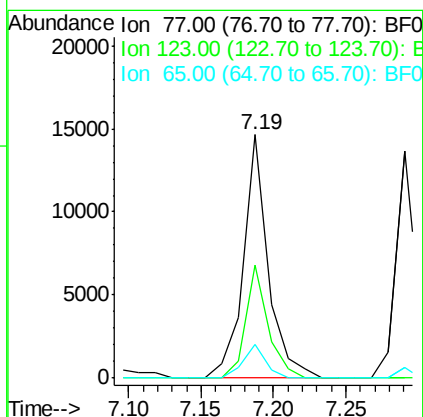
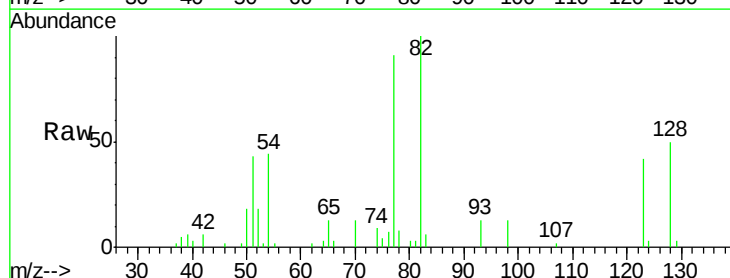
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 82 Resp: 305529
 Ion Ratio Lower Upper
 82 100
 128 38.4 33.0 49.6
 54 49.2 39.0 58.4



#24
 Nitrobenzene
 Concen: 3.35 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion: 77 Resp: 17328
 Ion Ratio Lower Upper
 77 100
 123 46.2 38.9 58.3
 65 13.9 10.6 15.8





#25

Isophorone

Concen: 3.31 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

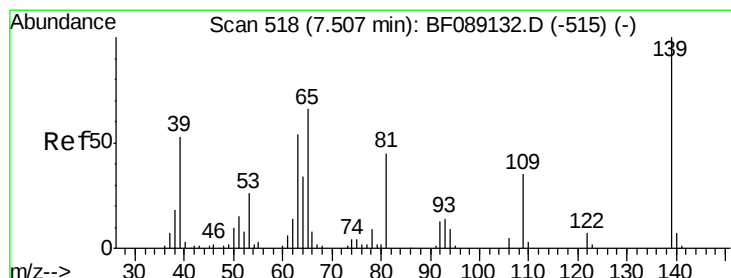
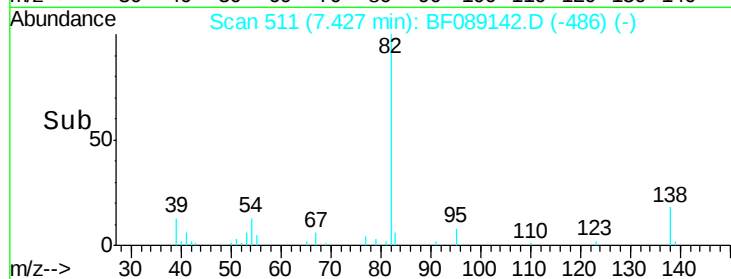
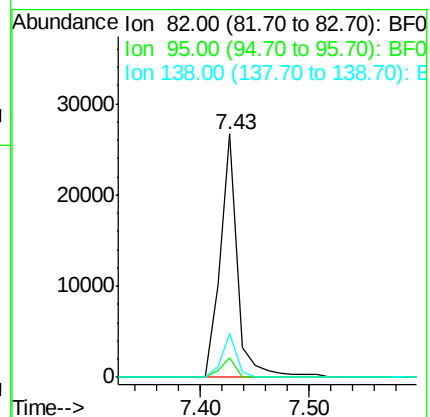
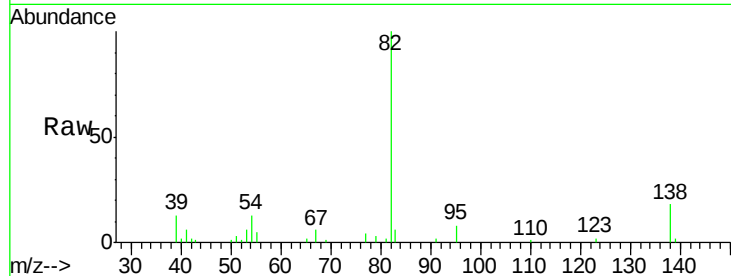
Tgt Ion: 82 Resp: 29912

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

138 18.2 13.6 20.4



#26

2-Nitrophenol

Concen: 3.03 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

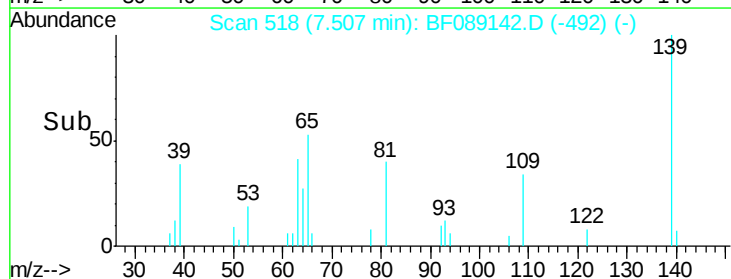
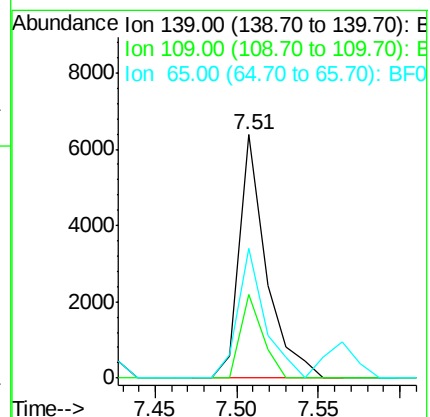
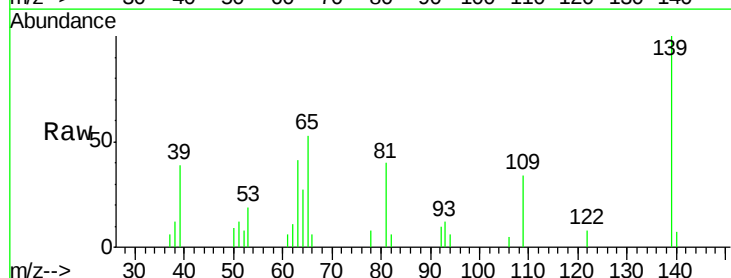
Tgt Ion: 139 Resp: 7314

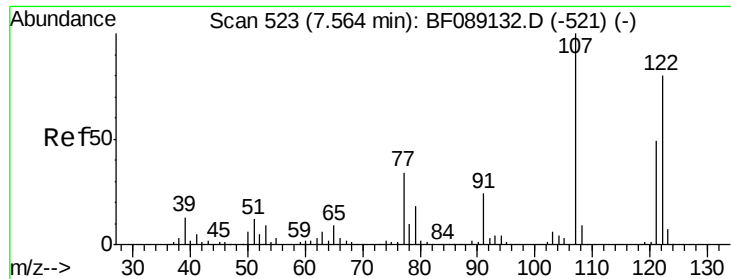
Ion Ratio Lower Upper

139 100

109 34.3 28.1 42.1

65 53.0 52.7 79.1

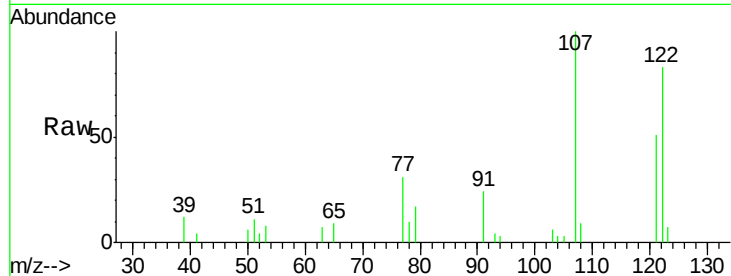




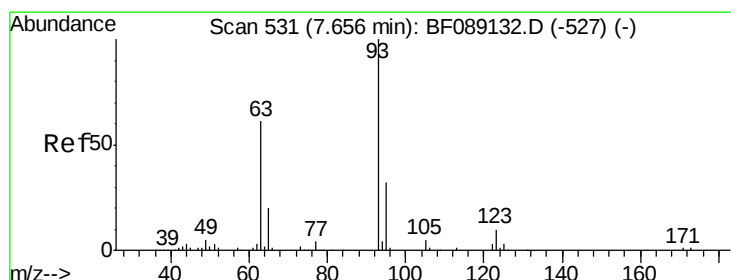
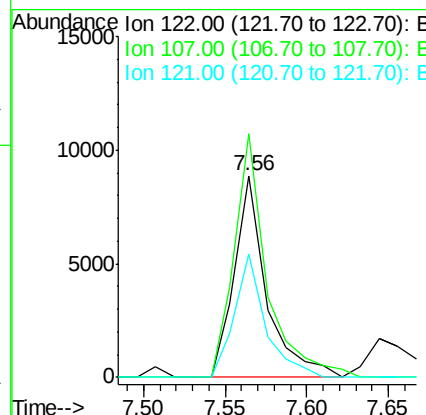
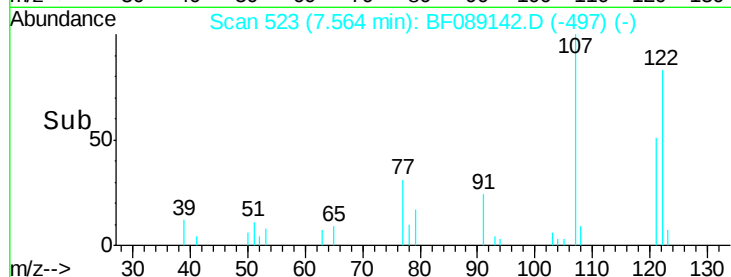
#27
 2,4-Dimethylphenol
 Concen: 2.97 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 122 Resp: 12075
 Ion Ratio Lower Upper
 122 100
 107 120.7 99.7 149.5
 121 61.3 48.5 72.7

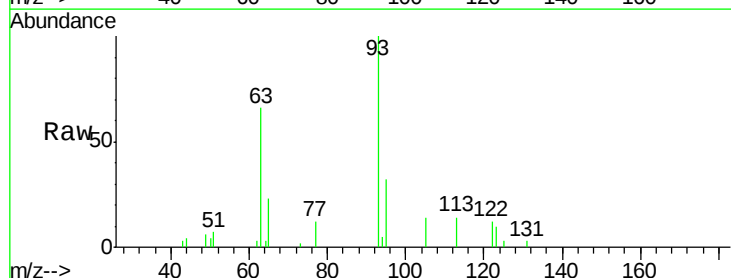


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

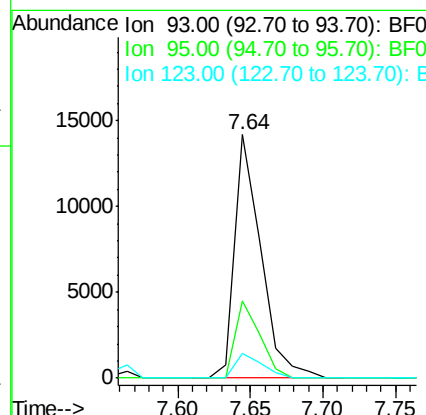
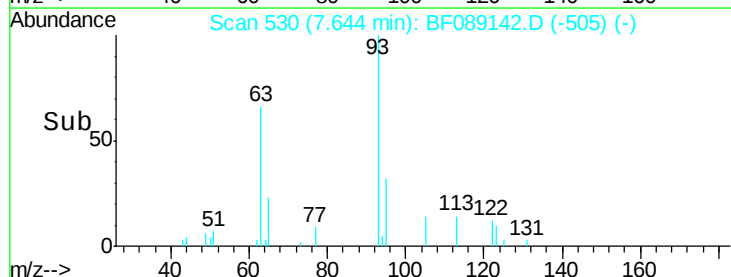


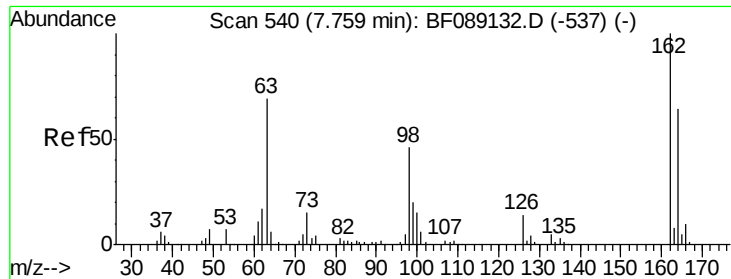
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.16 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion: 93 Resp: 17839
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.0
 123 10.2 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): E

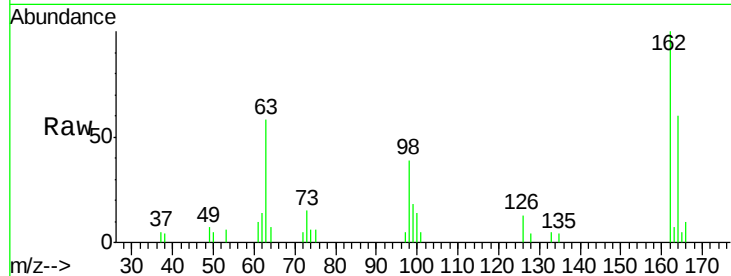




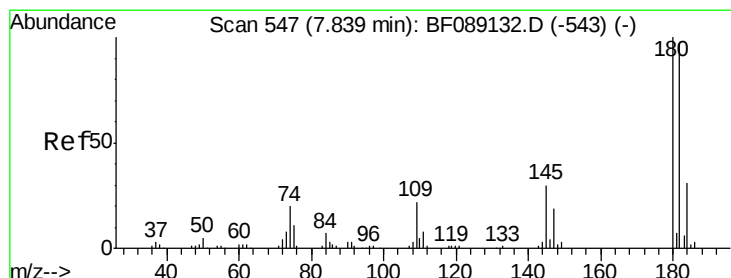
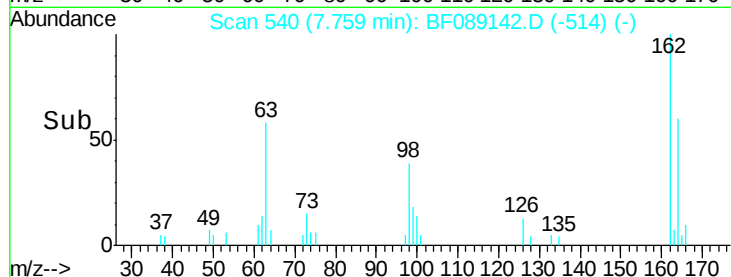
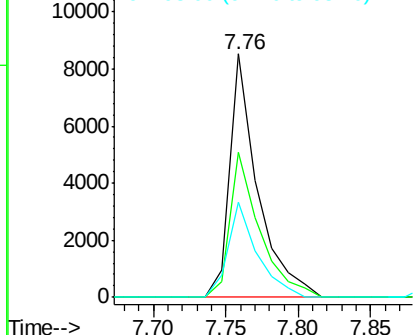
#29
 2,4-Dichlorophenol
 Concen: 3.12 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:162 Resp: 11403
 Ion Ratio Lower Upper
 162 100
 164 59.5 44.0 84.0
 98 39.1 26.0 66.0

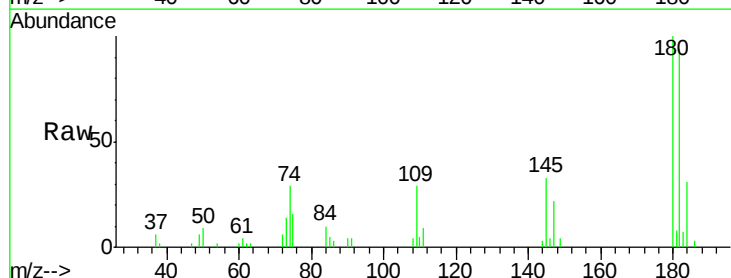


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

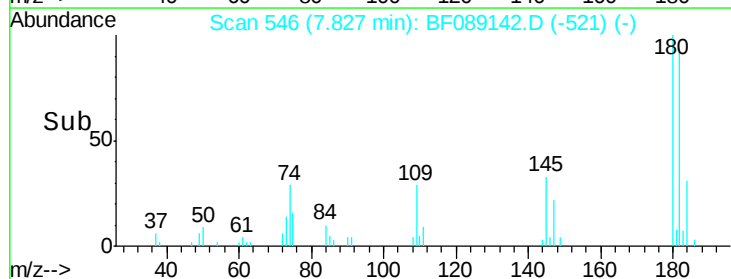
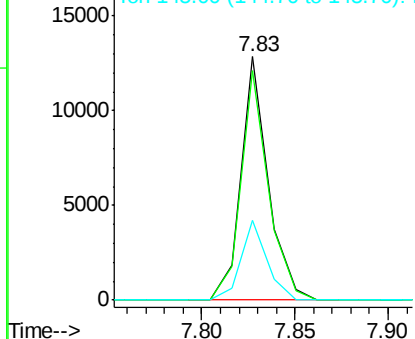


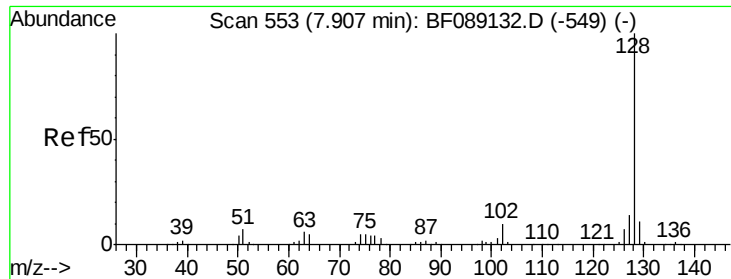
#30
 1,2,4-Trichlorobenzene
 Concen: 3.22 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:180 Resp: 13055
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.6 116.4
 145 32.7 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

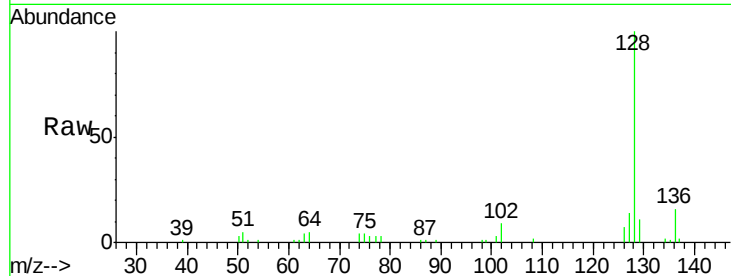




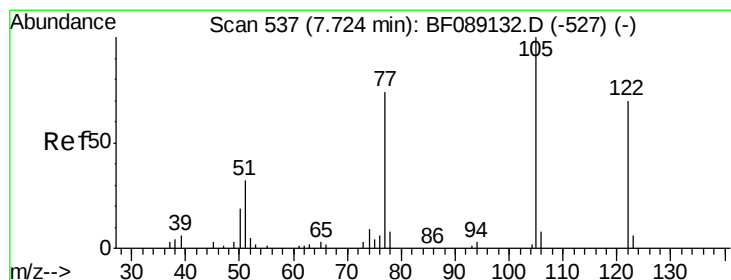
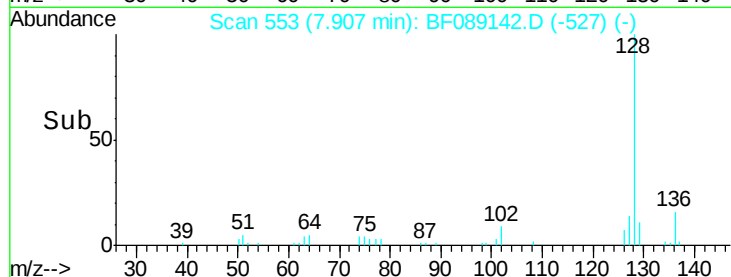
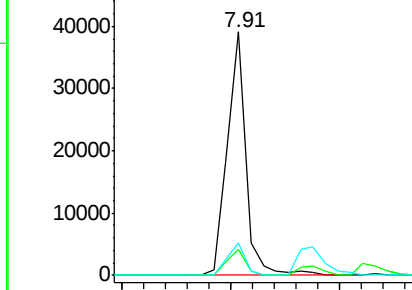
#31
Naphthalene
Concen: 3.27 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:128 Resp: 45955
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.6 10.8 16.2

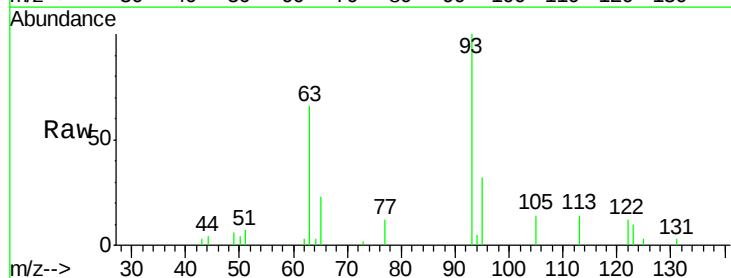


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

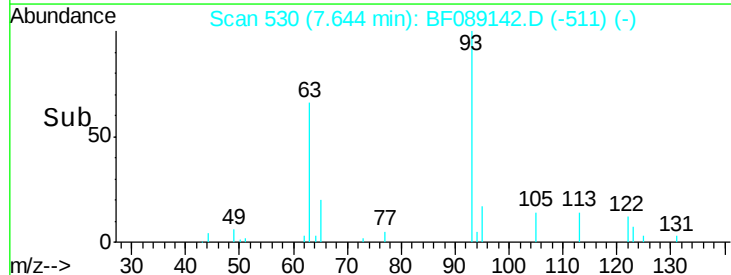
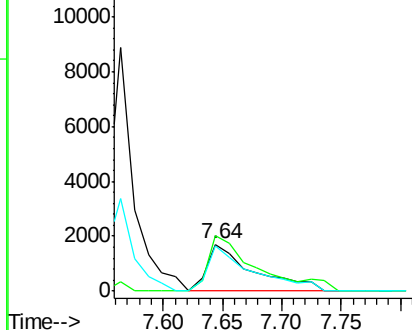


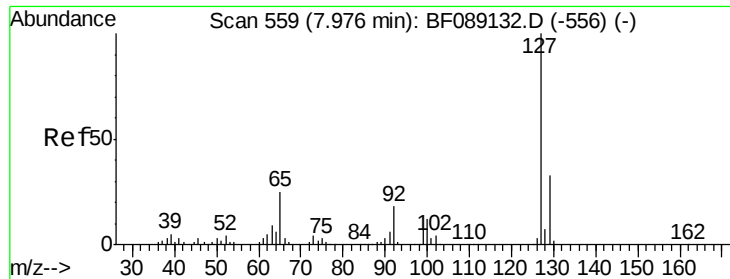
#32
Benzoic acid
Concen: 1.48 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.08 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:122 Resp: 4616
Ion Ratio Lower Upper
122 100
105 118.9 119.0 159.0#
77 97.8 84.7 124.7



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

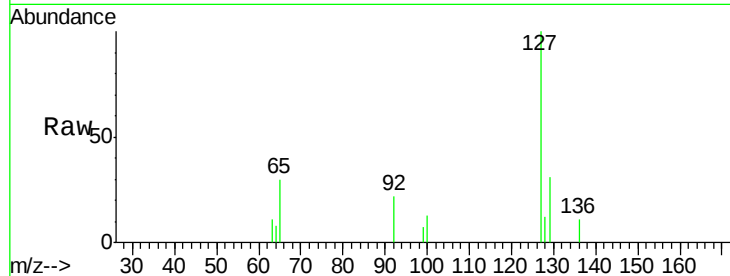




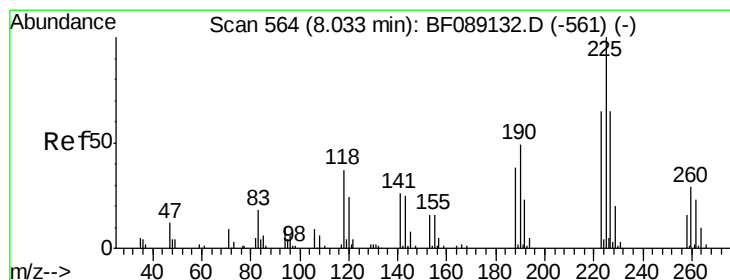
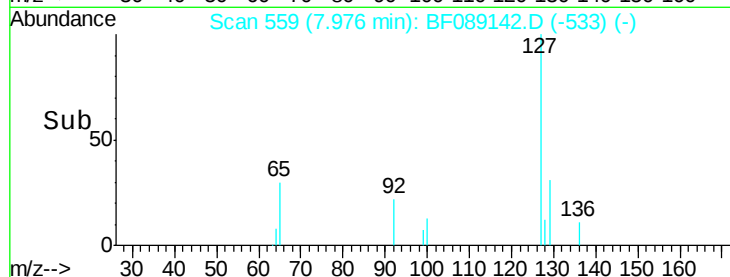
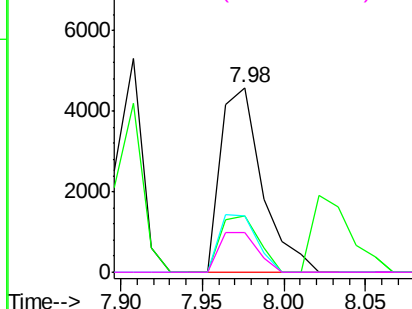
#33
4-Chloroaniline
Concen: 1.37 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:	127	Resp:	8075
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	30.2	19.7	29.5#
92	21.6	14.3	21.5#

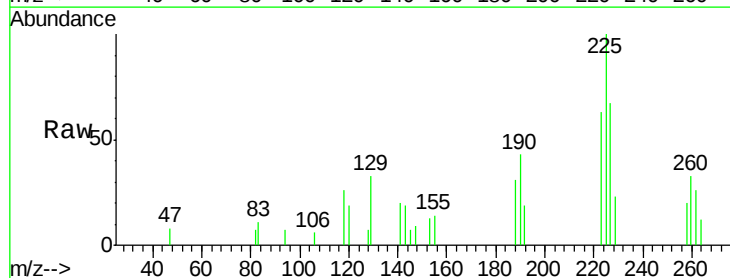


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

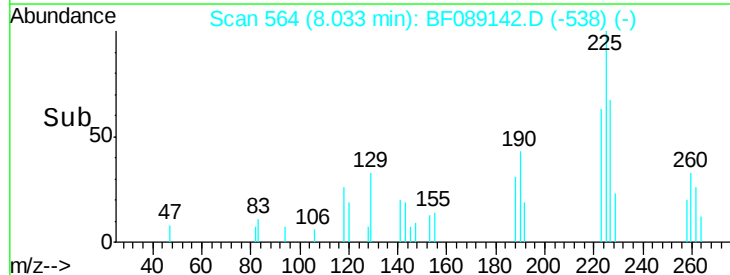
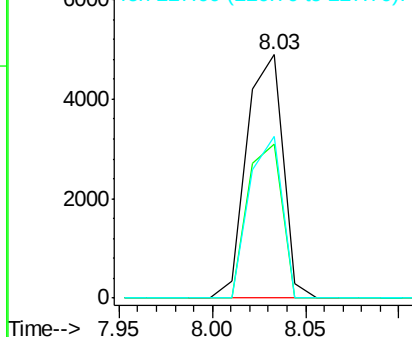


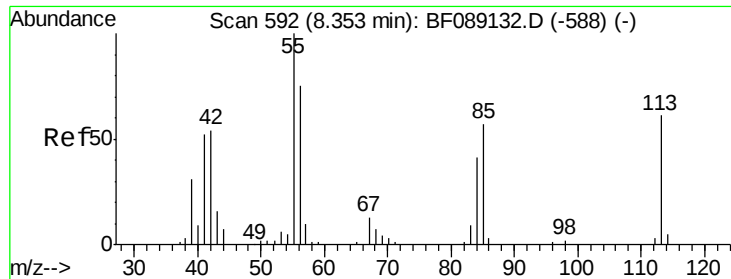
#34
Hexachlorobutadiene
Concen: 2.96 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:	225	Resp:	6675
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.6	77.4
227	66.6	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

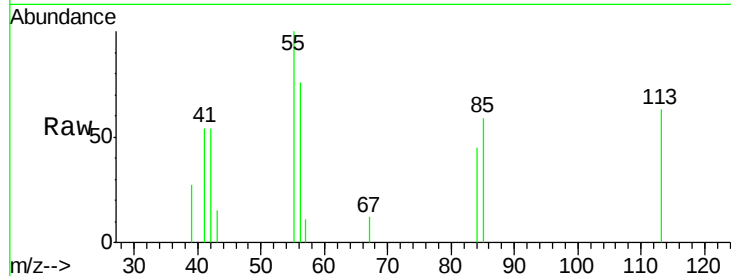




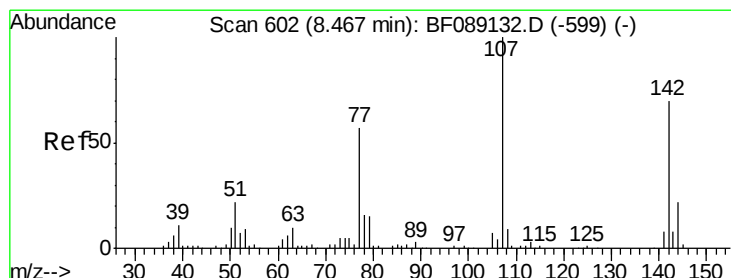
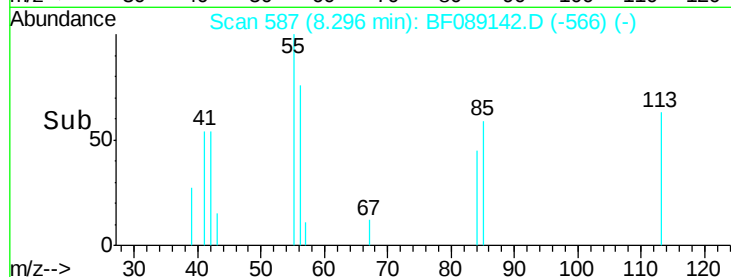
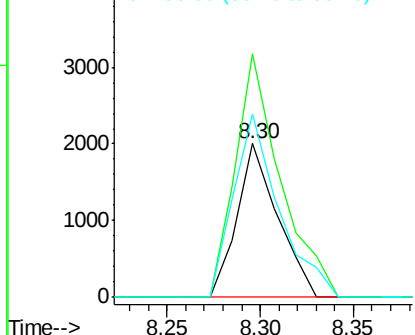
#35
 Caprolactam
 Concen: 2.67 ng
 RT: 8.30 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:113 Resp: 3038
 Ion Ratio Lower Upper
 113 100
 55 158.7 145.3 185.3
 56 119.8 104.3 144.3

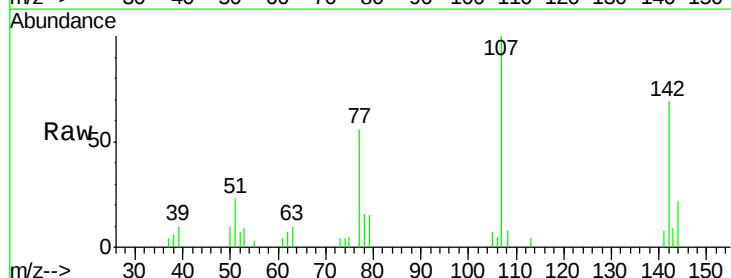


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

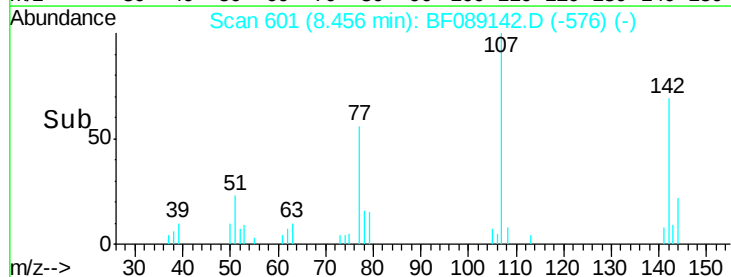
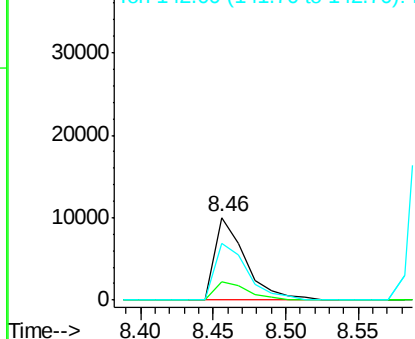


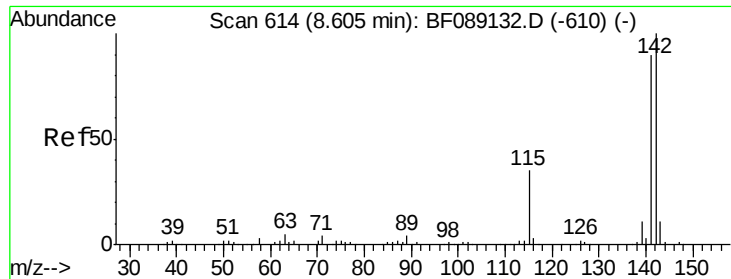
#36
 4-Chloro-3-methylphenol
 Concen: 3.29 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:107 Resp: 14527
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.8 26.6
 142 68.8 56.1 84.1



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

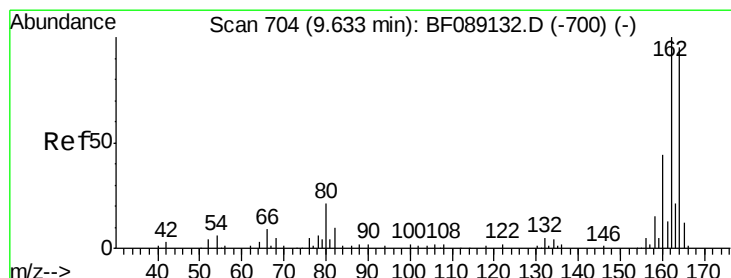
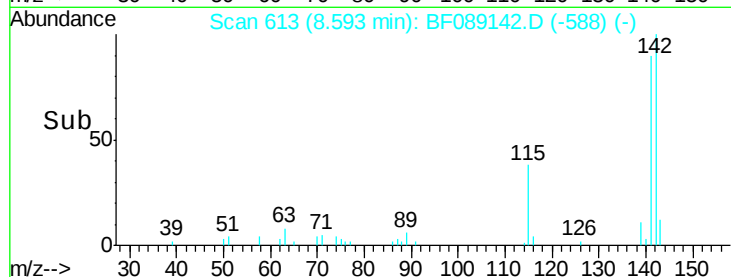
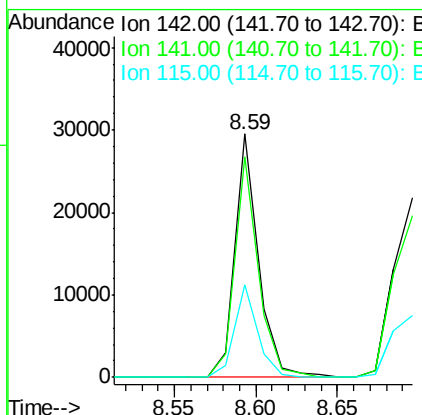
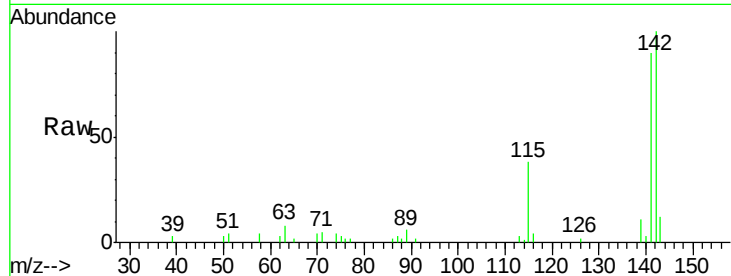




#37
 2-Methylnaphthalene
 Concen: 3.27 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

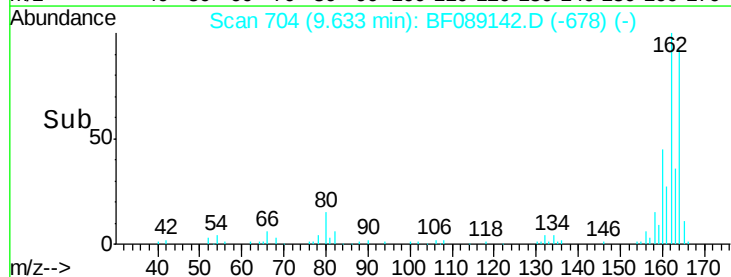
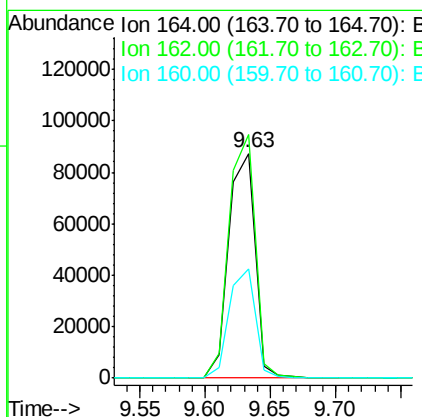
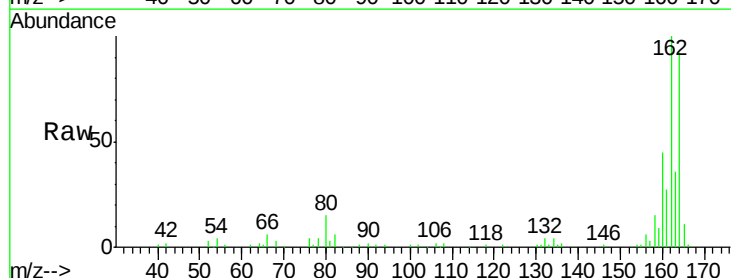
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

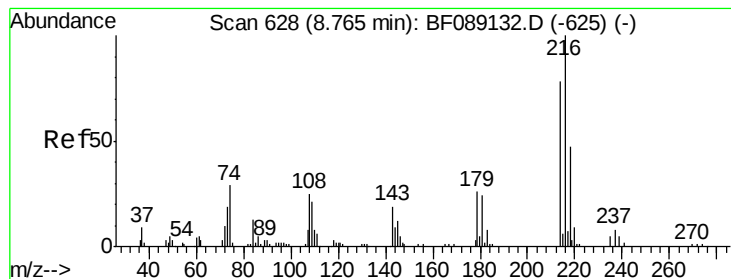
Tgt Ion:142 Resp: 29348
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.6 107.4
 115 38.2 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:164 Resp: 122841
 Ion Ratio Lower Upper
 164 100
 162 108.4 84.1 126.1
 160 48.9 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.76 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:216 Resp: 12594

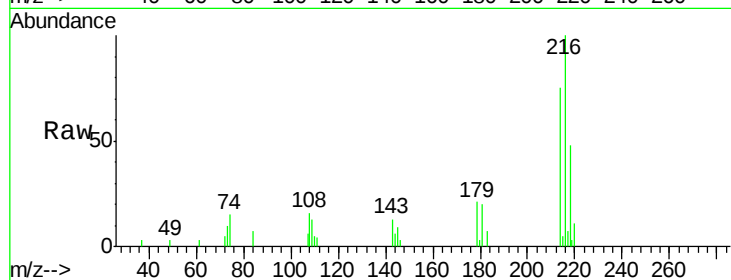
Ion Ratio Lower Upper

216 100

214 75.7 61.9 92.9

179 21.6 18.4 27.6

108 17.4 17.0 25.6

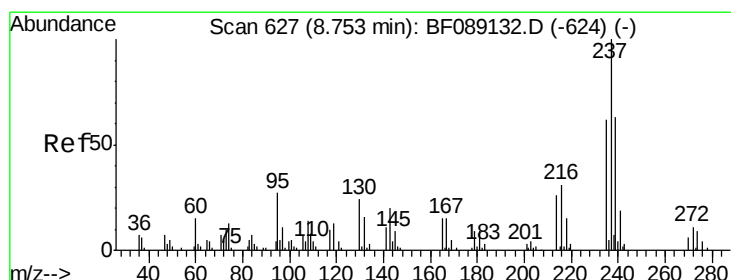
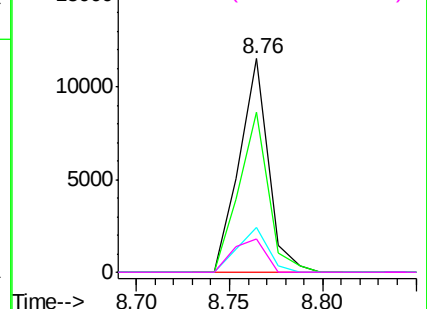
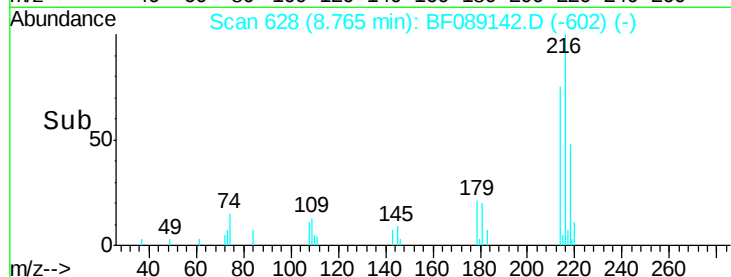


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 9.10 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

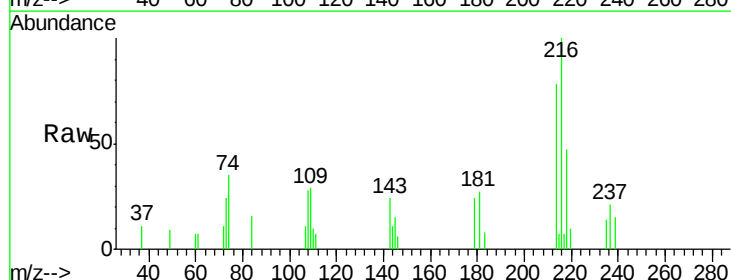
Tgt Ion:237 Resp: 1110

Ion Ratio Lower Upper

237 100

235 64.7 42.1 82.1

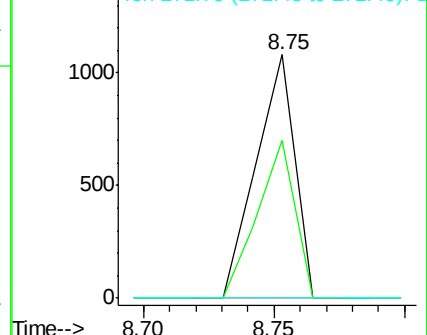
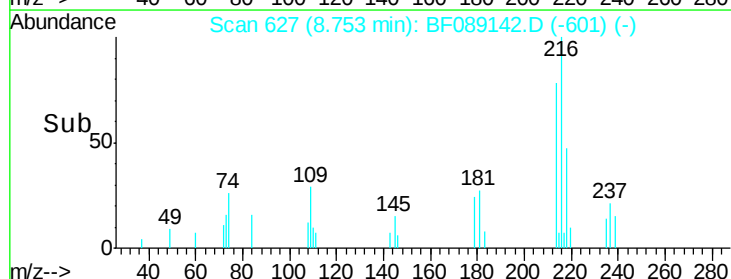
272 0.0 0.0 31.4

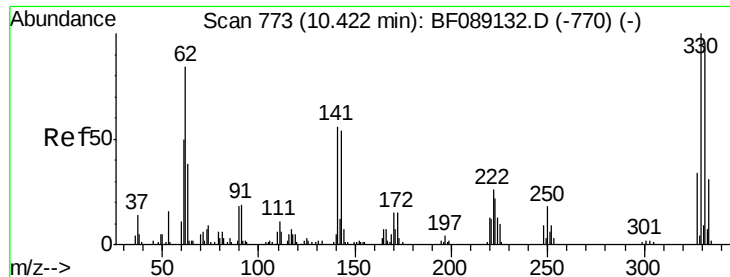


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

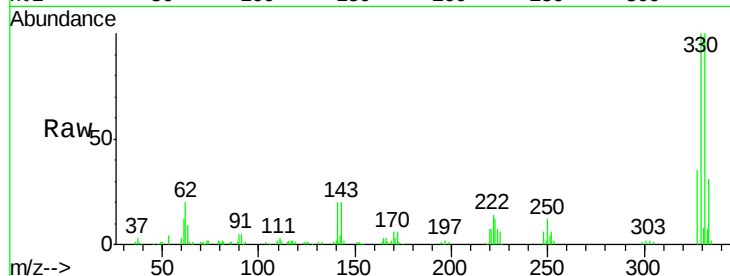




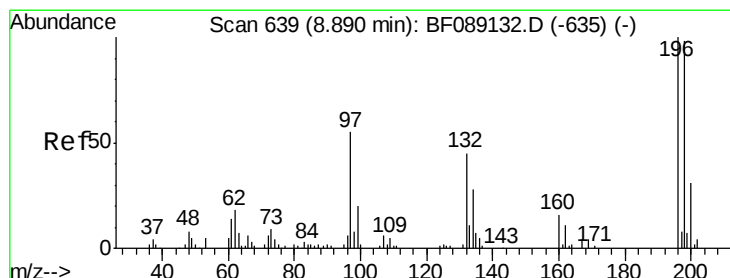
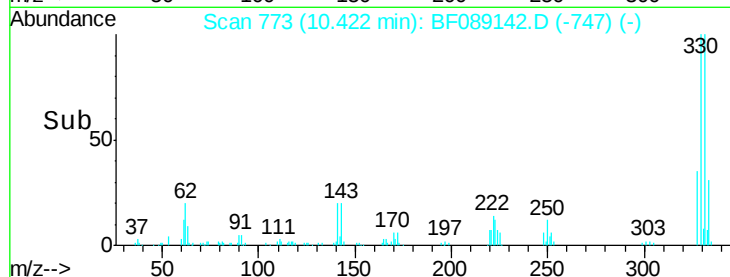
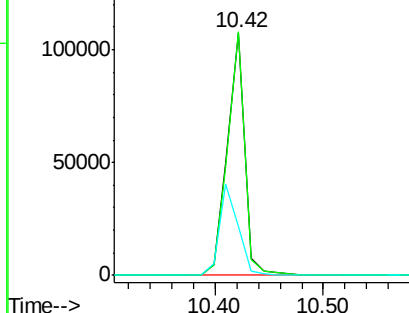
#41
 2,4,6-Tribromophenol
 Concen: 108.24 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:330 Resp: 119708
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.2 115.8
 141 40.8 42.2 63.2#

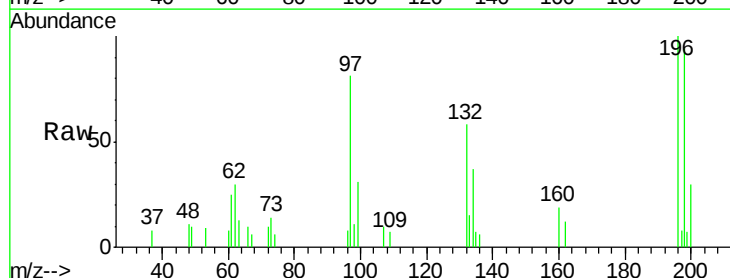


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

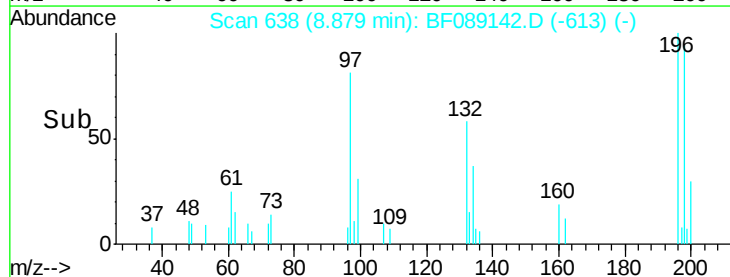
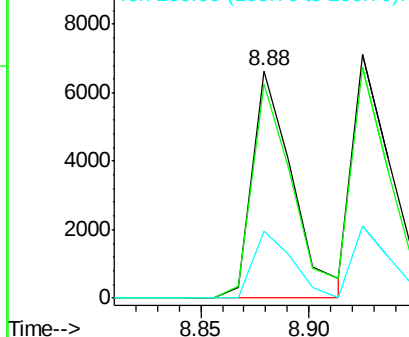


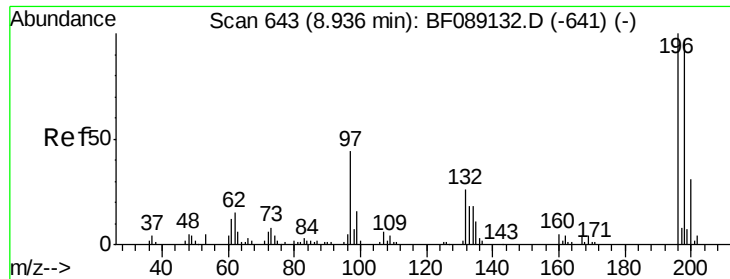
#42
 2,4,6-Trichlorophenol
 Concen: 3.35 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:196 Resp: 8556
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.3 117.5
 200 29.6 25.0 37.4



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

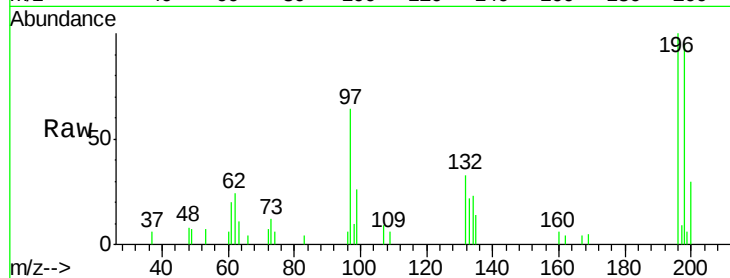




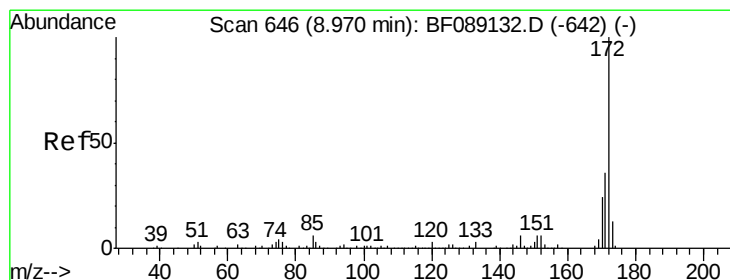
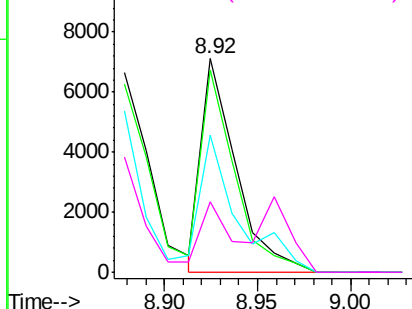
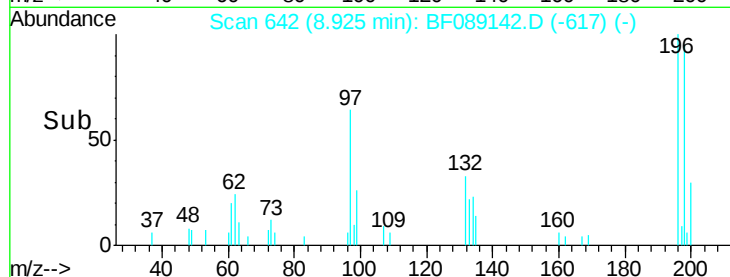
#43
 2,4,5-Trichlorophenol
 Concen: 3.59 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:196 Resp: 9206
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.6 116.4
 97 64.1 36.5 54.7#
 132 32.7 21.2 31.8#

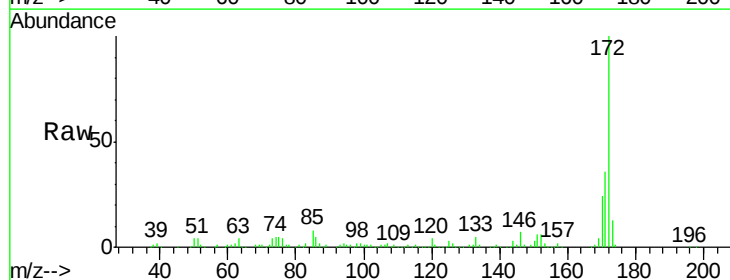


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

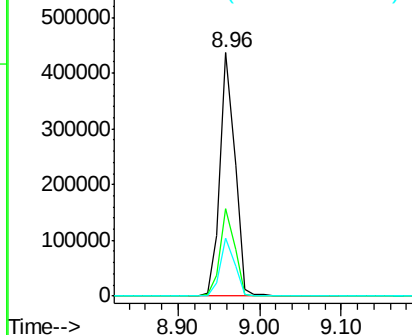
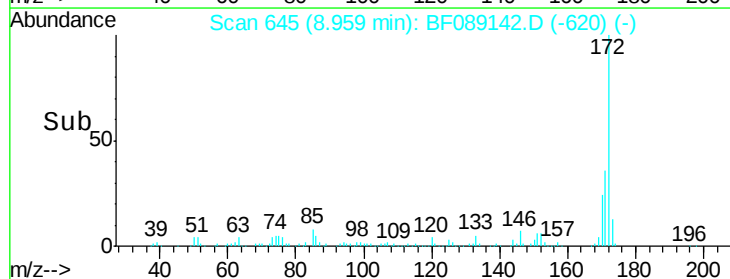


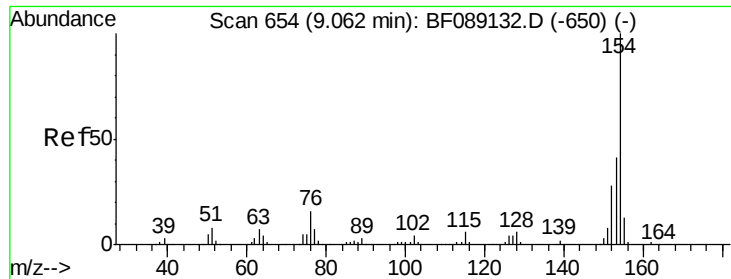
#44
 2-Fluorobiphenyl
 Concen: 62.15 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:172 Resp: 554124
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.1 28.7



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

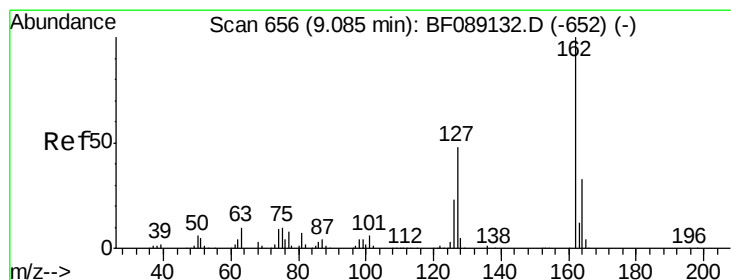
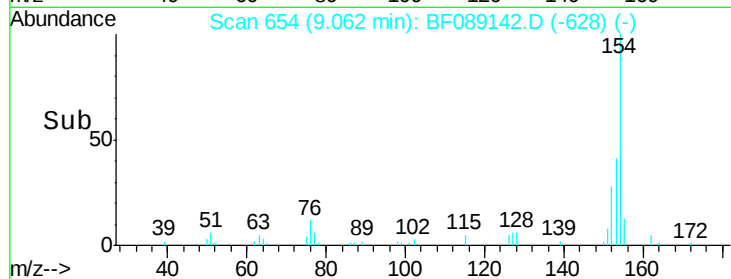
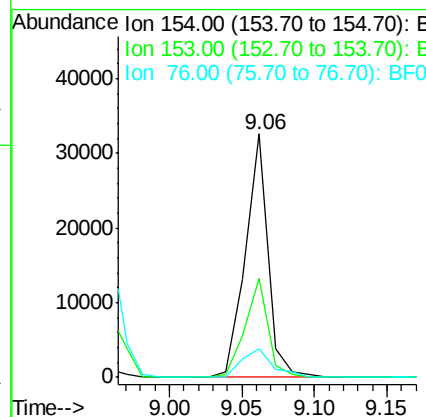
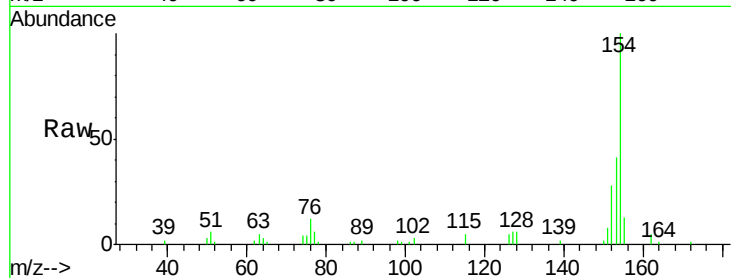




#45
 1,1'-Biphenyl
 Concen: 3.19 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

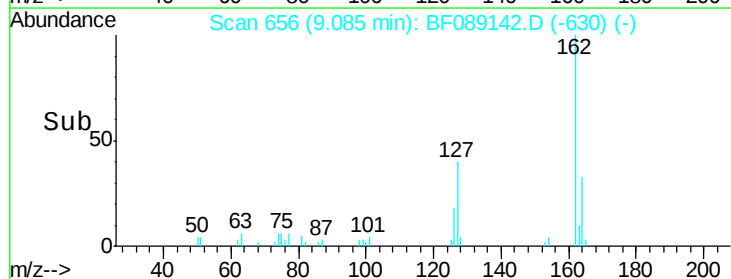
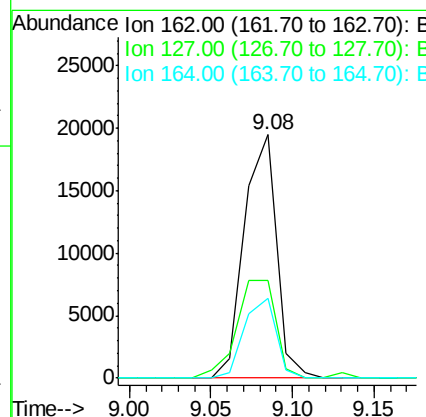
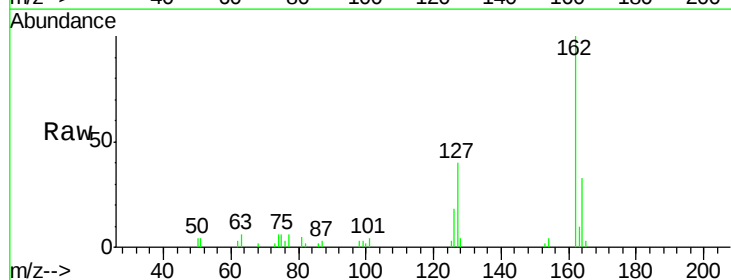
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

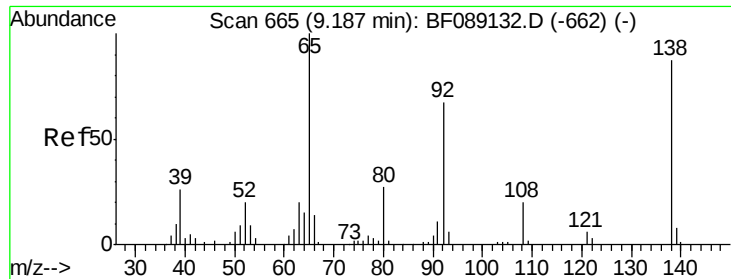
Tgt Ion:154 Resp: 35340
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.1 61.1
 76 11.6 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 3.17 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:162 Resp: 26636
 Ion Ratio Lower Upper
 162 100
 127 39.9 38.1 57.1
 164 32.7 26.1 39.1

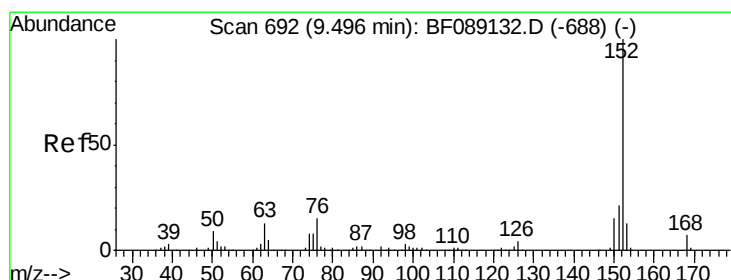
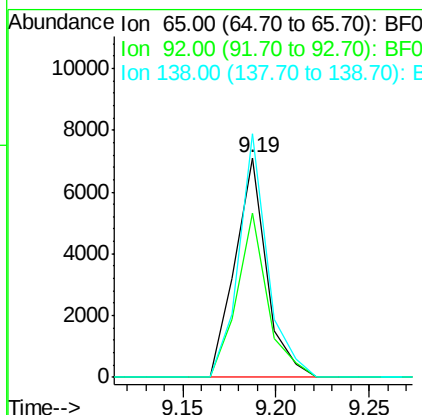
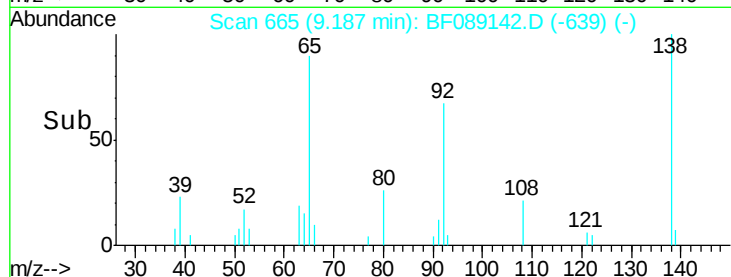
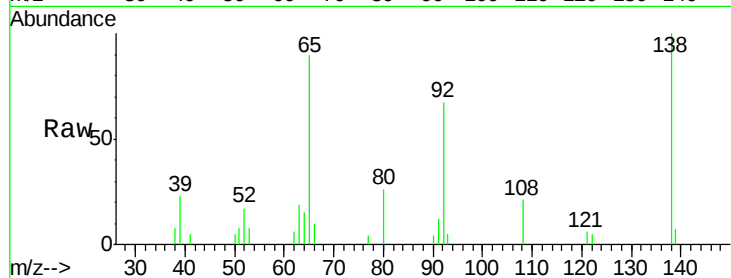




#47
 2-Nitroaniline
 Concen: 2.91 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

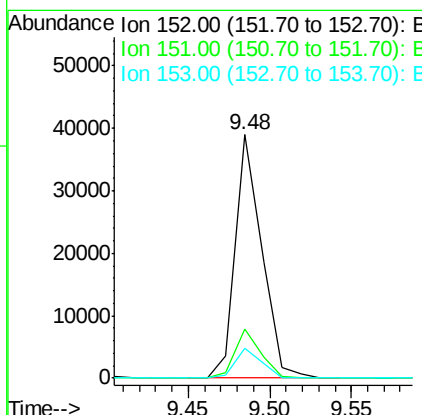
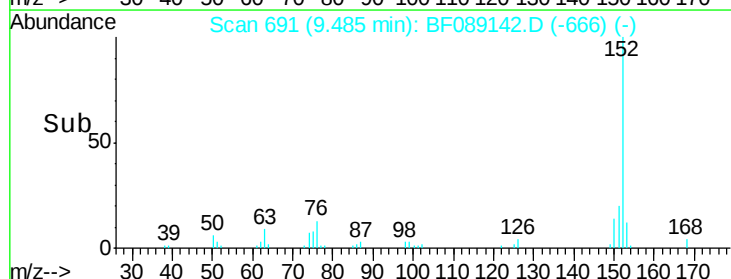
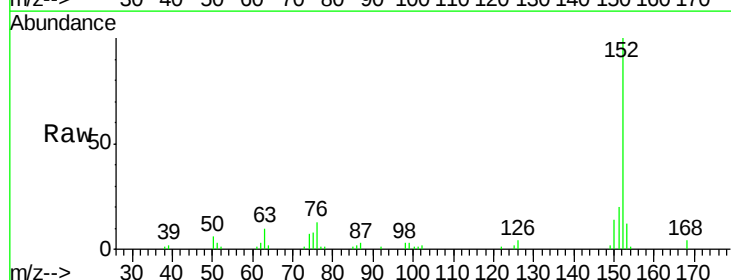
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

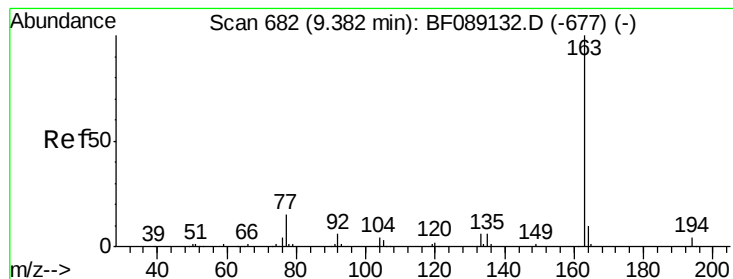
Tgt Ion: 65 Resp: 8394
 Ion Ratio Lower Upper
 65 100
 92 74.8 53.2 79.8
 138 110.9 69.4 104.2#



#48
 Acenaphthylene
 Concen: 3.30 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion: 152 Resp: 43637
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.5 24.7
 153 12.4 10.7 16.1





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

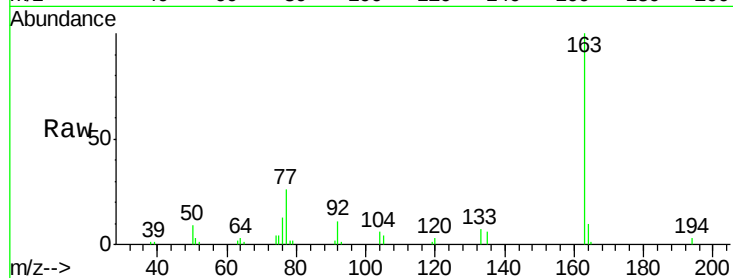
Tgt Ion:163 Resp: 34307

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

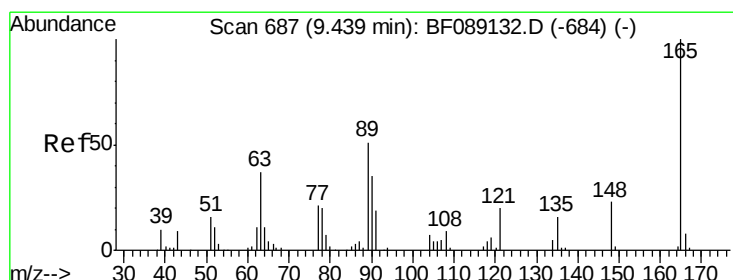
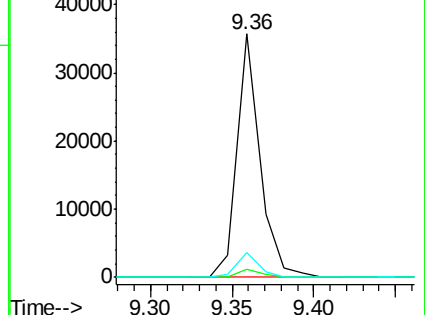
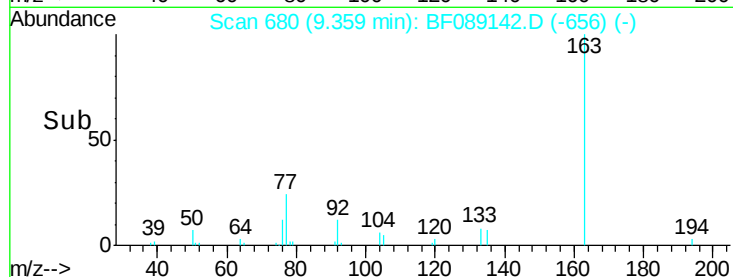
164 10.2 7.6 11.4



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: 3.18 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

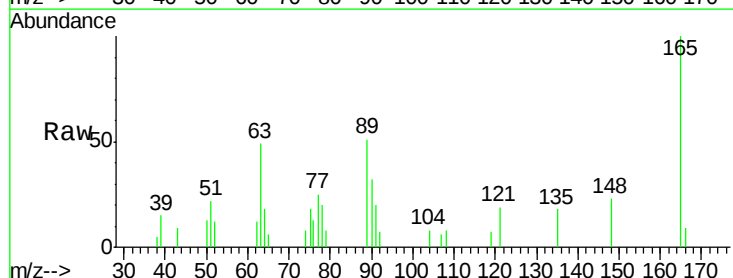
Tgt Ion:165 Resp: 6778

Ion Ratio Lower Upper

165 100

63 49.3 37.0 55.4

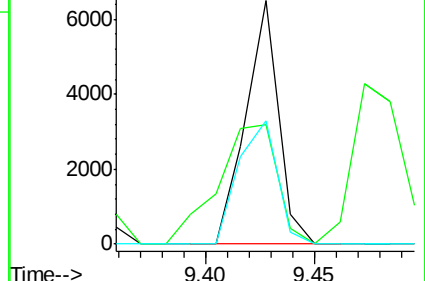
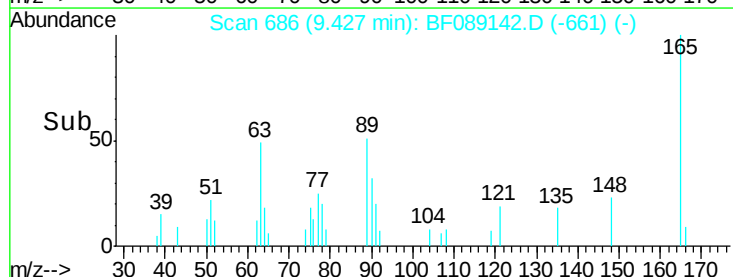
89 50.8 40.9 61.3

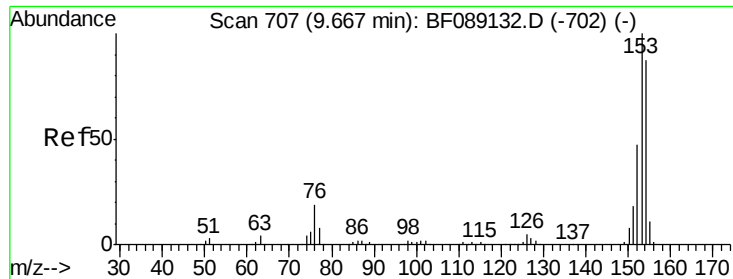


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

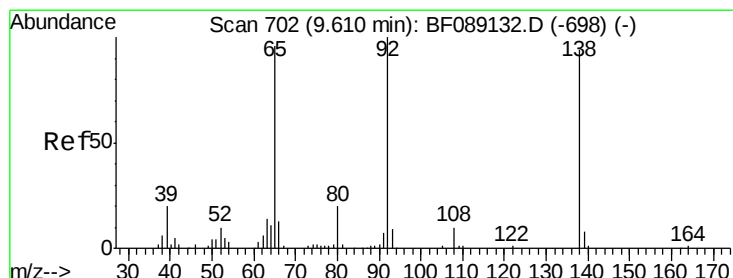
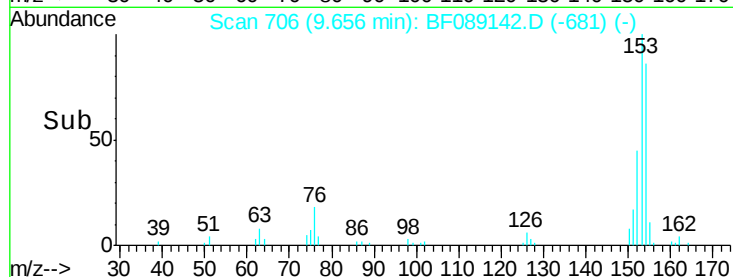
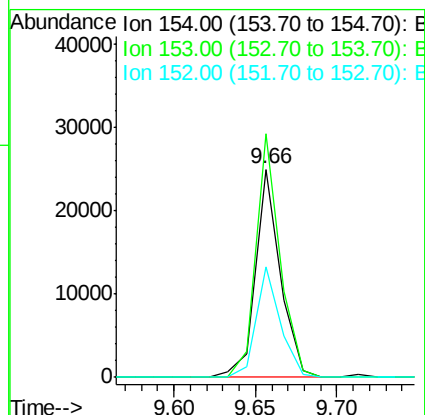
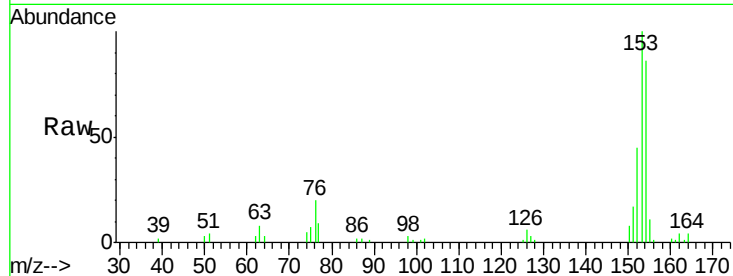




#51
Acenaphthene
Concen: 3.37 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

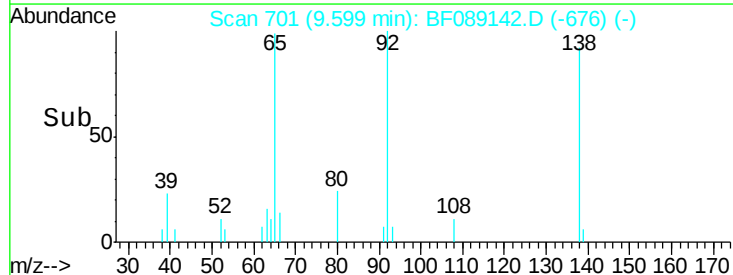
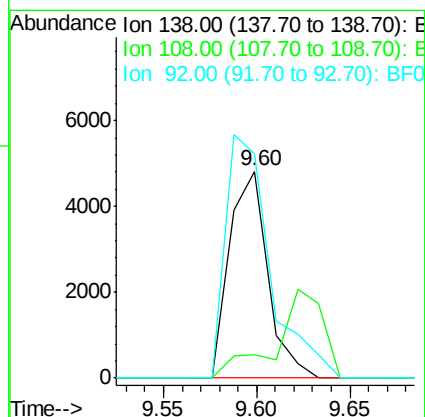
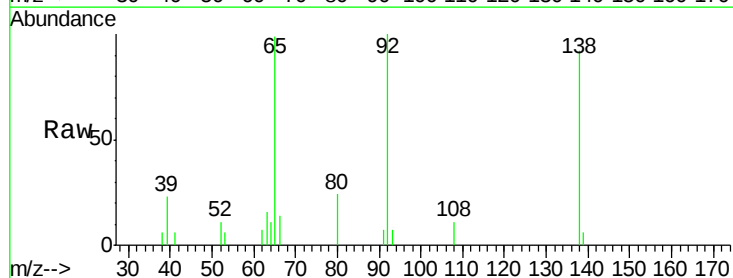
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

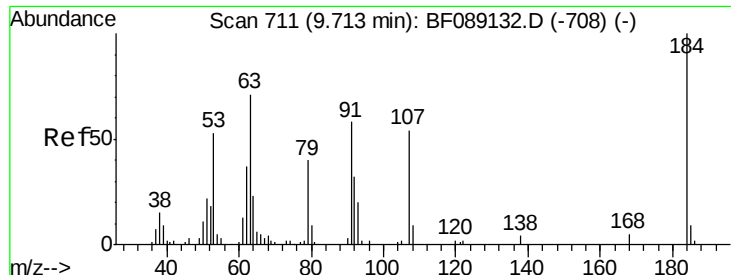
Tgt Ion:154 Resp: 26315
Ion Ratio Lower Upper
154 100
153 116.9 91.9 137.9
152 53.0 42.8 64.2



#52
3-Nitroaniline
Concen: 2.73 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:138 Resp: 6900
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 108.7 85.3 127.9

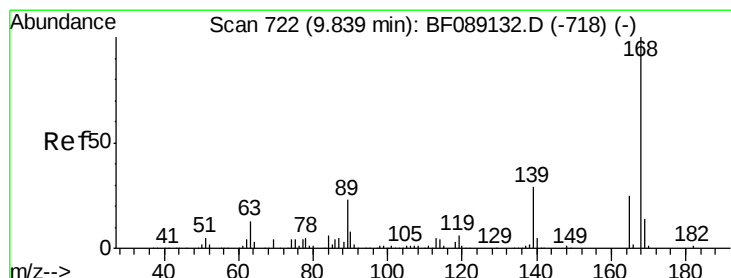
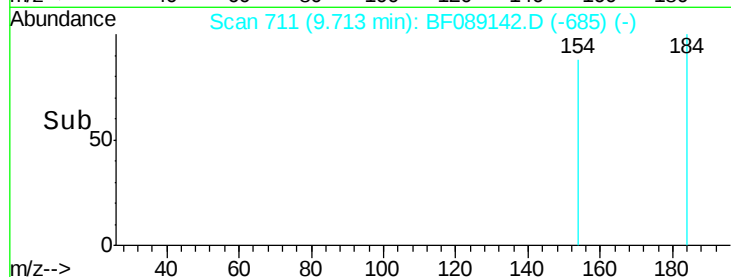
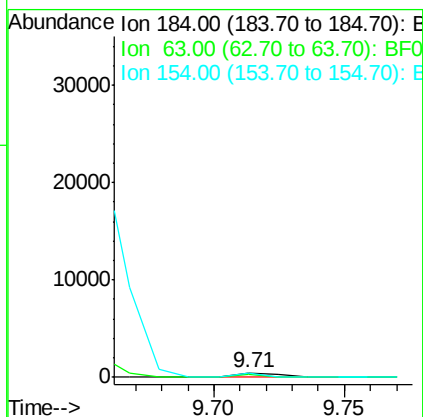
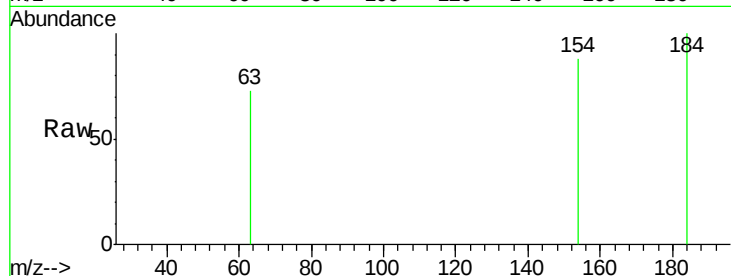




#53
 2,4-Dinitrophenol
 Concen: 8.99 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

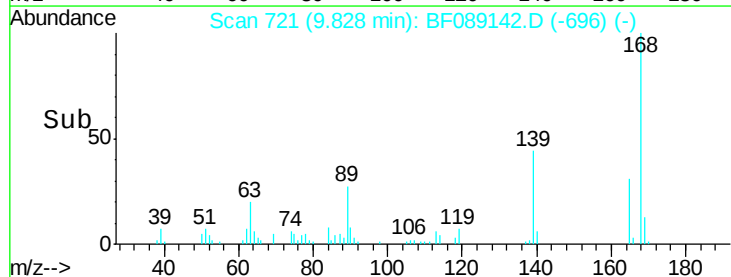
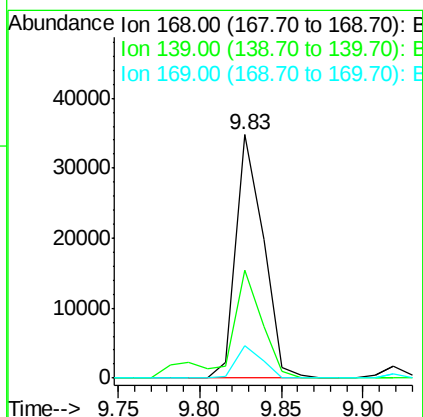
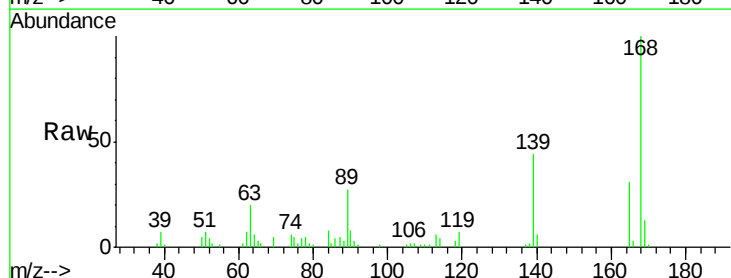
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

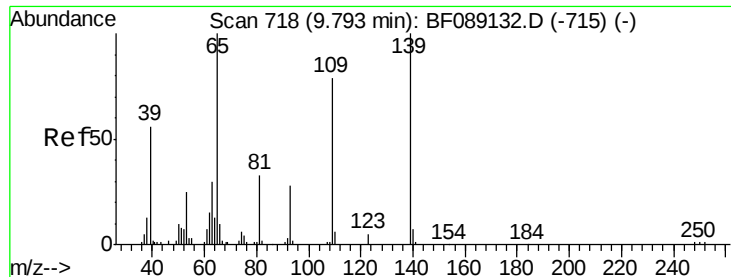
Tgt Ion:184 Resp: 551
 Ion Ratio Lower Upper
 184 100
 63 73.3 60.3 90.5
 154 87.9 60.7 91.1



#54
 Dibenzofuran
 Concen: 3.81 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:168 Resp: 40298
 Ion Ratio Lower Upper
 168 100
 139 44.2 34.4 51.6
 169 13.4 10.8 16.2

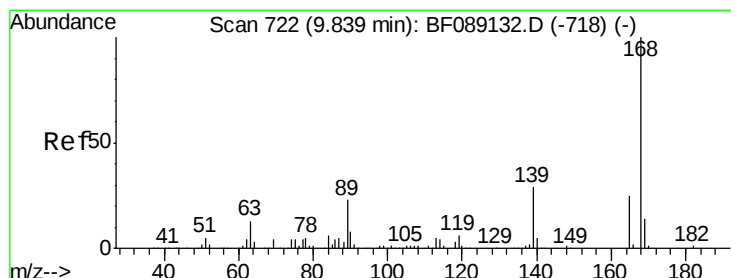
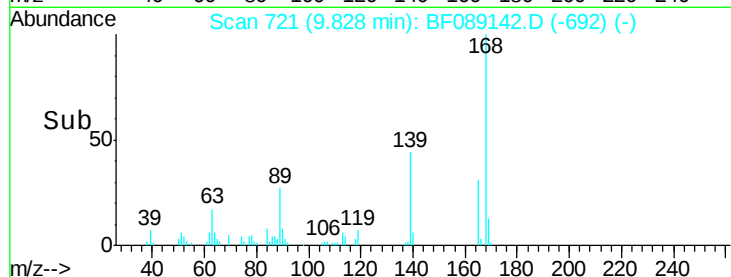
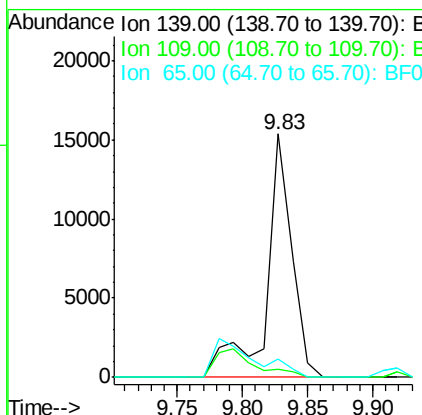
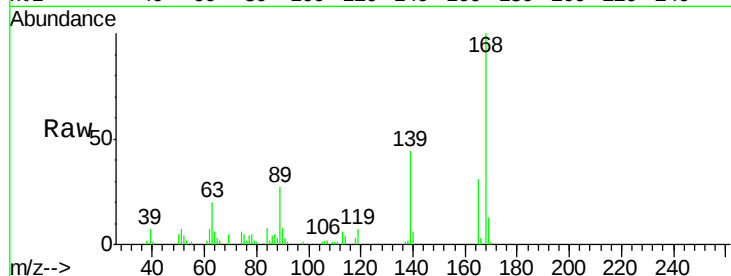




#55
4-Nitrophenol
Concen: 13.80 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.03 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

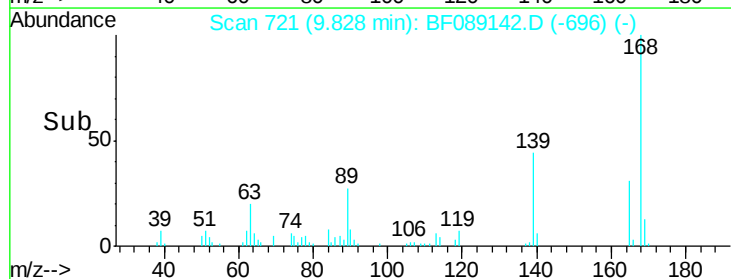
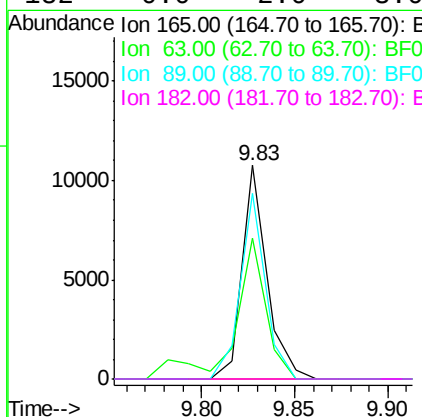
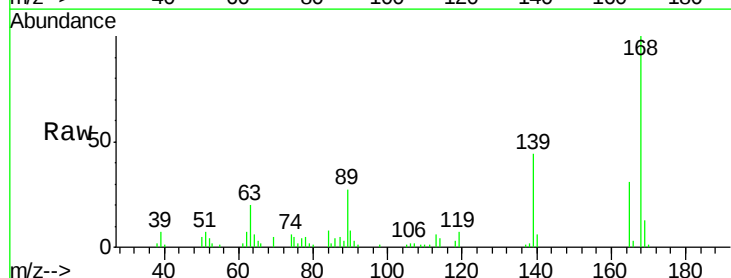
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

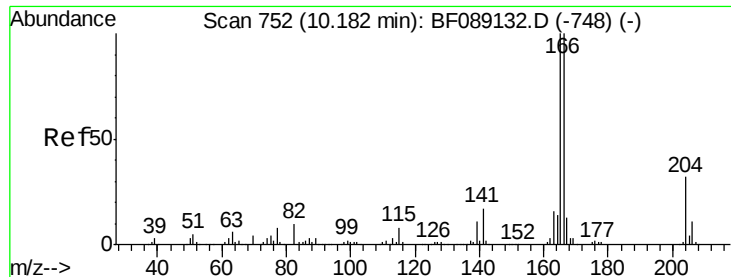
Tgt Ion:139 Resp: 21096
Ion Ratio Lower Upper
139 100
109 3.1 58.7 98.7#
65 7.3 80.2 120.2#



#56
2,4-Dinitrotoluene
Concen: 3.64 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:165 Resp: 9981
Ion Ratio Lower Upper
165 100
63 66.1 55.4 83.2
89 86.7 74.3 111.5
182 0.0 2.0 3.0#

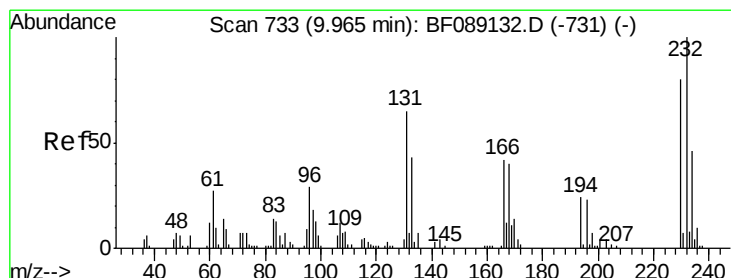
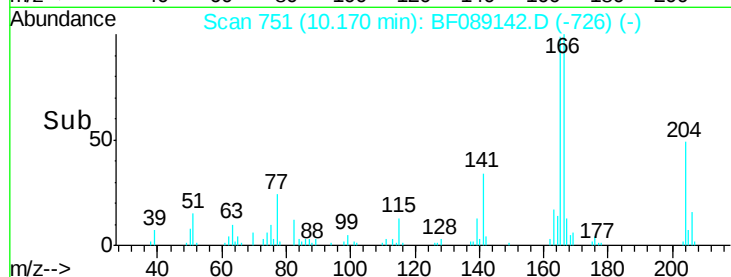
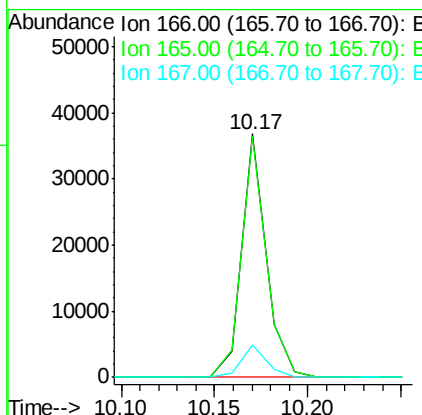
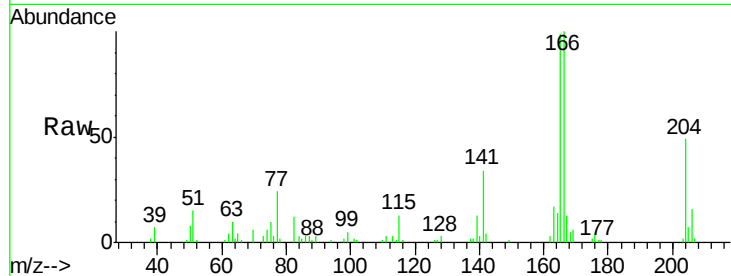




#57
Fluorene
 Concen: 3.80 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

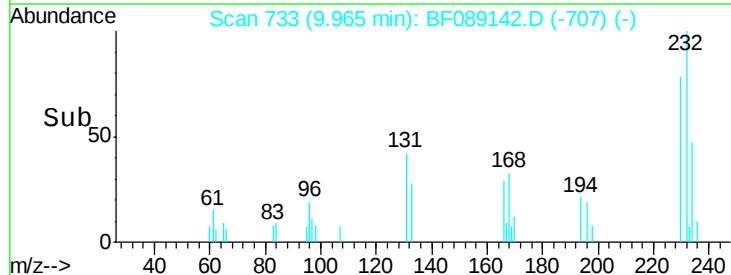
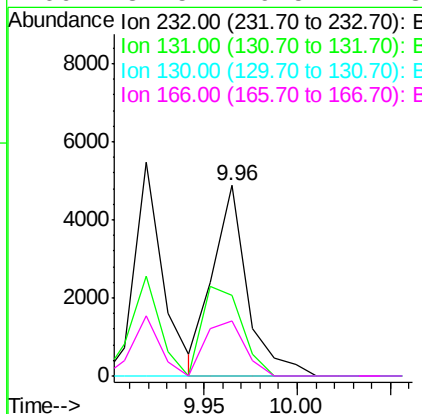
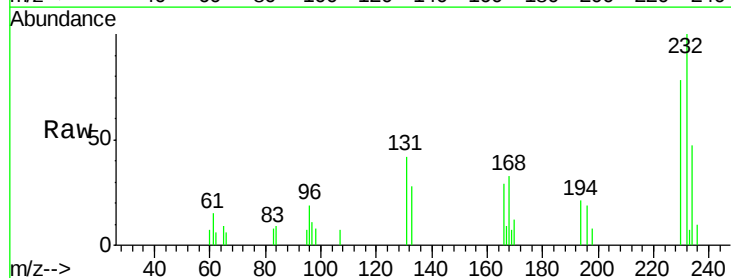
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

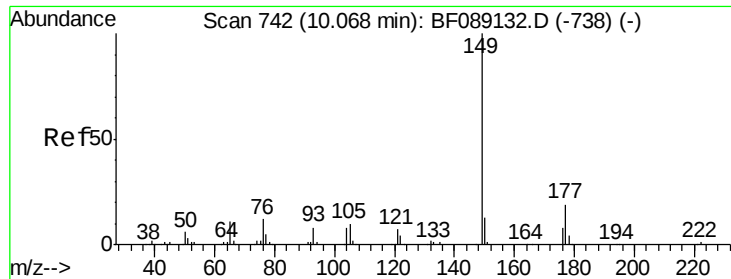
Tgt Ion:166 Resp: 34078
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.9 119.9
 167 13.2 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 3.45 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:232 Resp: 6354
 Ion Ratio Lower Upper
 232 100
 131 52.8 46.2 69.2
 130 0.0 2.3 3.5#
 166 32.5 29.5 44.3

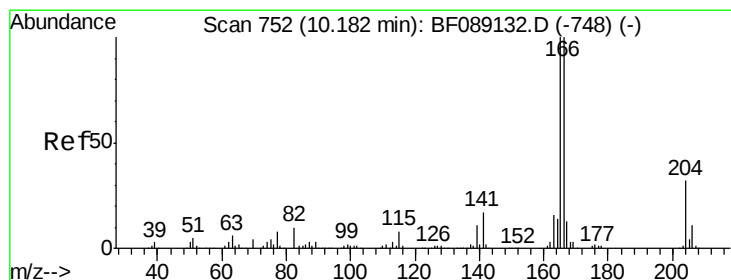
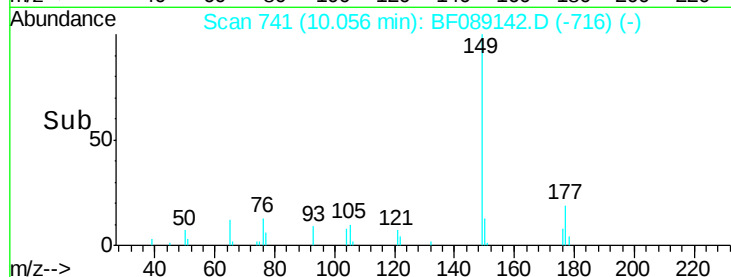
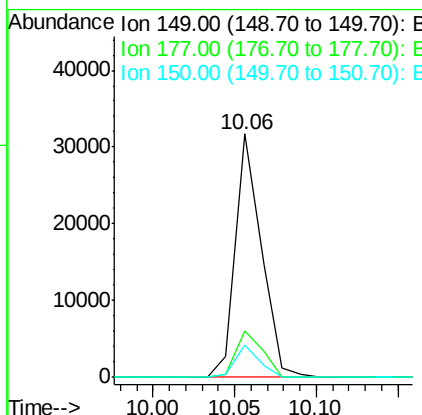
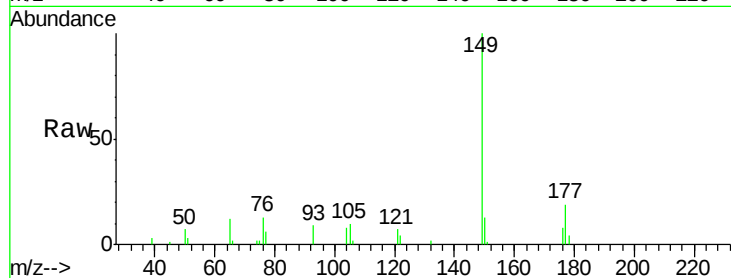




#59
Diethylphthalate
Concen: 3.73 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

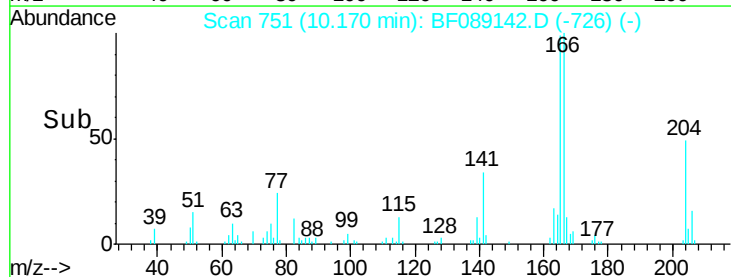
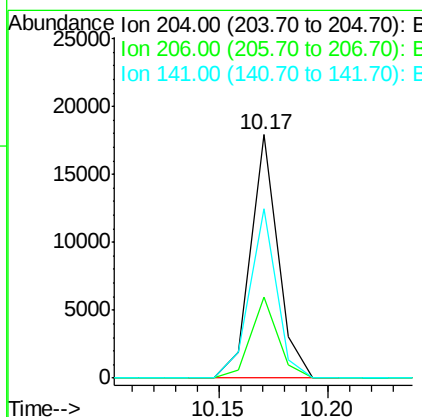
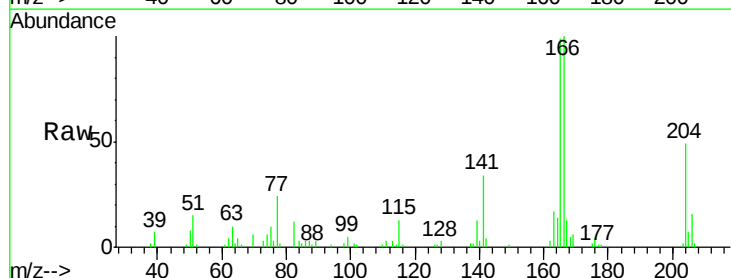
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

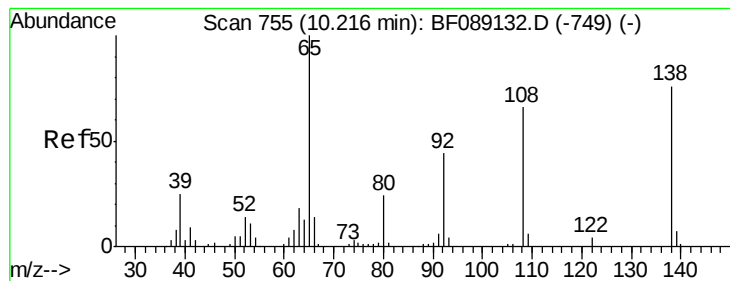
Tgt Ion:149 Resp: 34879
Ion Ratio Lower Upper
149 100
177 19.4 15.6 23.4
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 3.84 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:204 Resp: 15721
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 69.8 42.2 63.4#





#61

4-Nitroaniline

Concen: 2.99 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

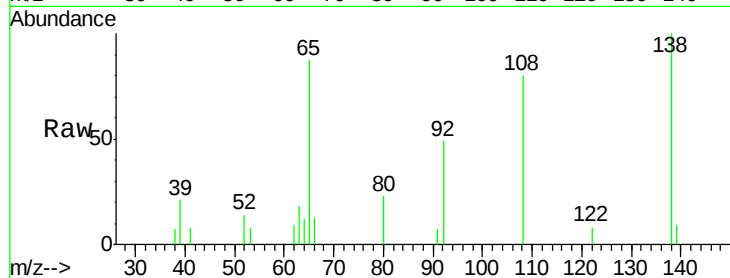
Tgt Ion:138 Resp: 7345

Ion Ratio Lower Upper

138 100

92 48.6 37.2 77.2

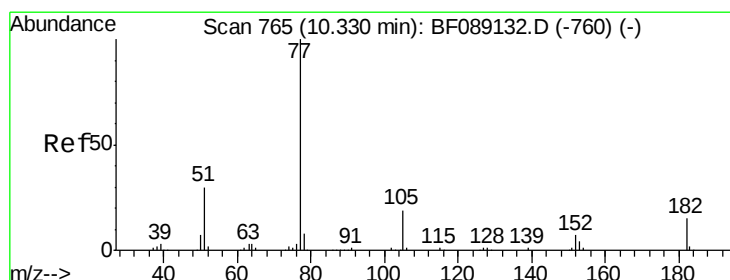
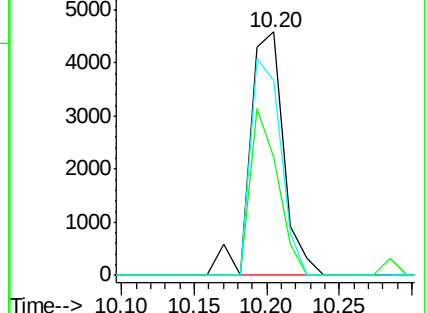
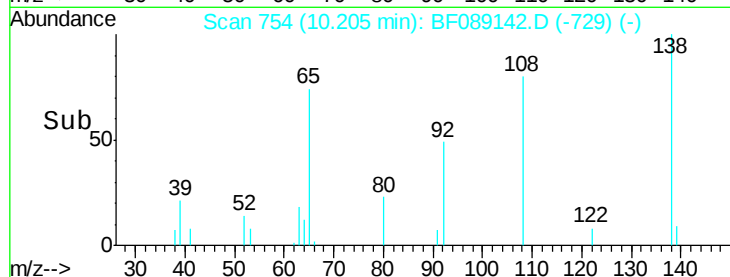
108 80.0 66.1 106.1



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: 3.78 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Tgt Ion: 77 Resp: 38441

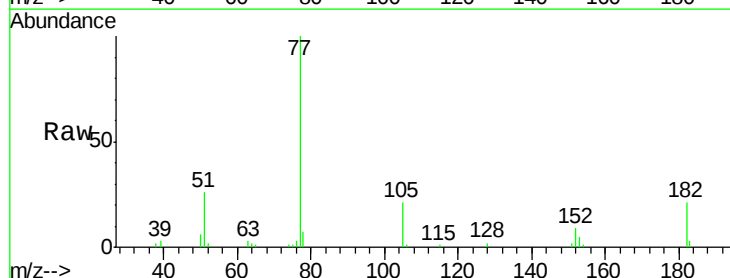
Ion Ratio Lower Upper

77 100

182 20.6 0.0 35.0

105 21.3 0.0 39.4

51 25.8 10.7 50.7

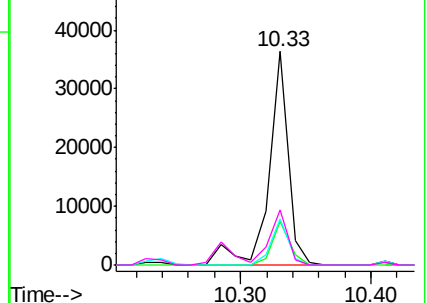
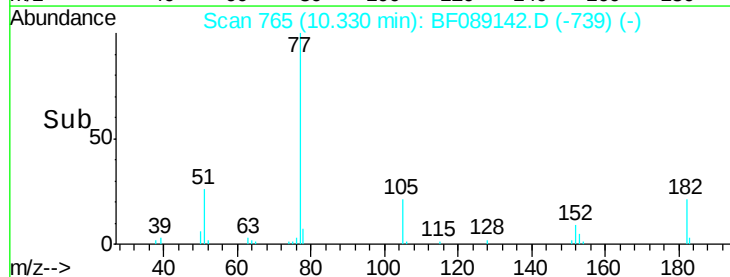


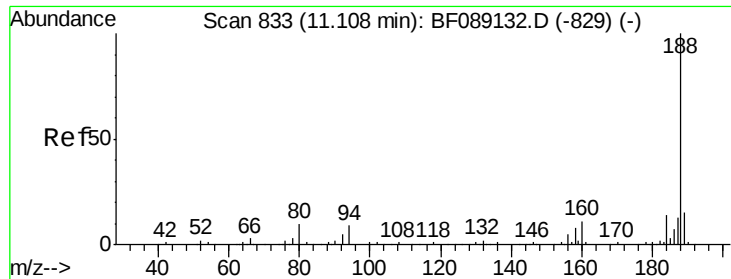
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

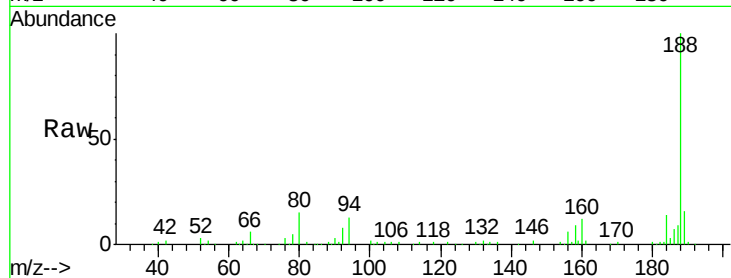




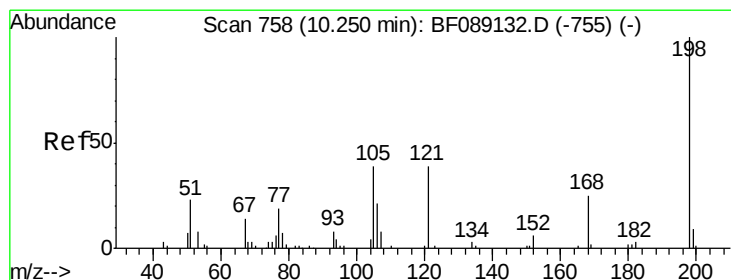
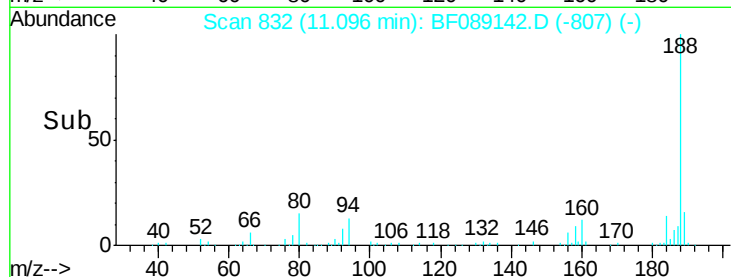
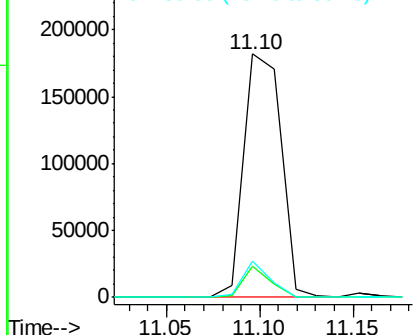
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:188 Resp: 253306
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 15.1 7.7 11.5#

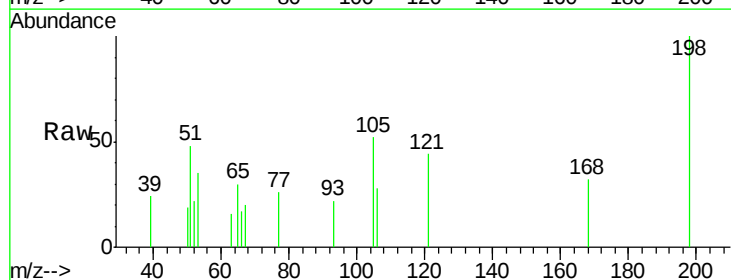


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

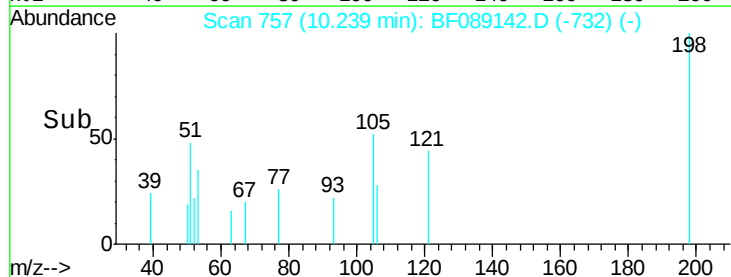
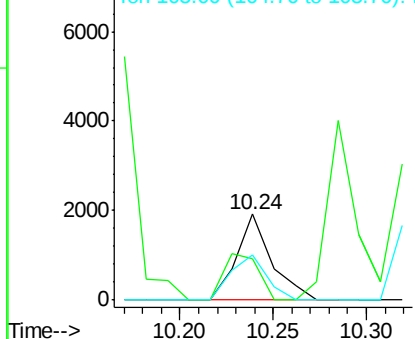


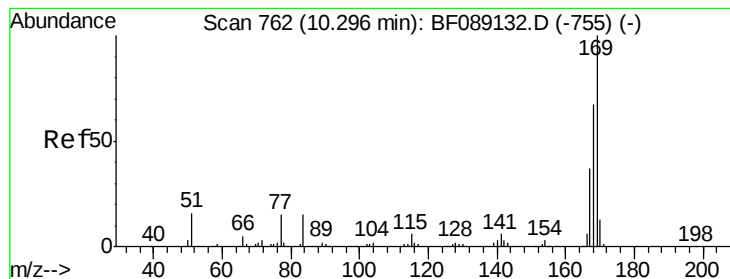
#64
4,6-Dinitro-2-methylphenol
Concen: 1.68 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:198 Resp: 2477
Ion Ratio Lower Upper
198 100
51 47.7 11.7 51.7
105 52.5 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.27 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

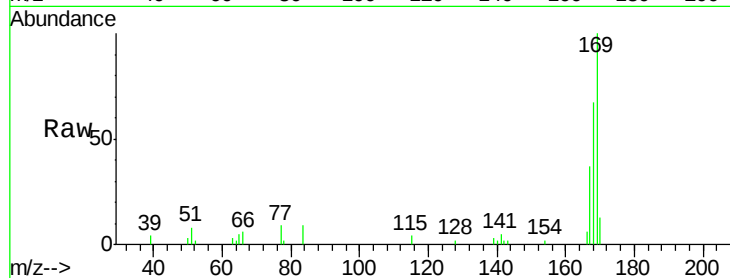
Tgt Ion:169 Resp: 27659

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

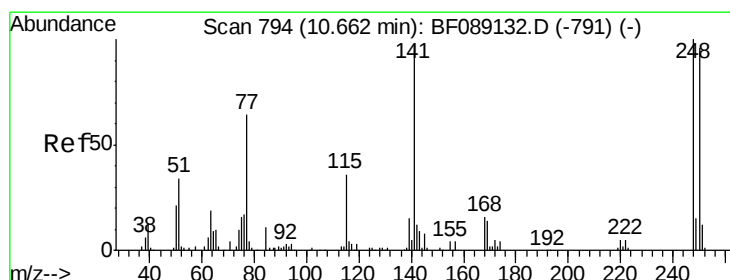
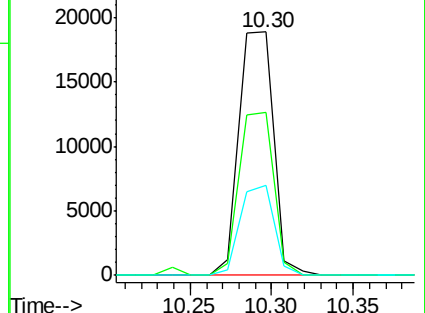
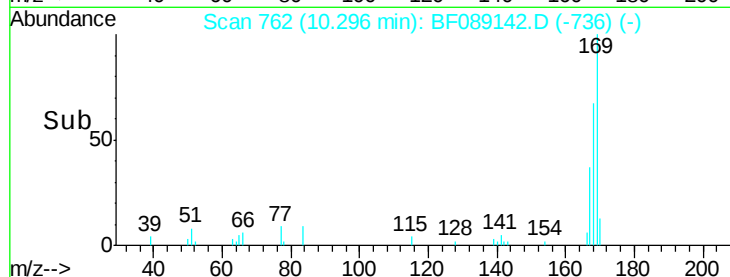
167 37.2 29.5 44.3



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: 3.05 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

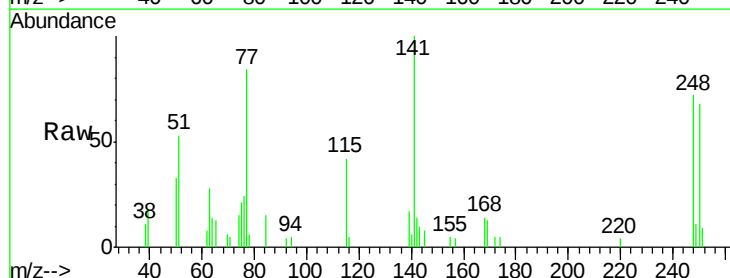
Tgt Ion:248 Resp: 7638

Ion Ratio Lower Upper

248 100

250 94.0 76.9 115.3

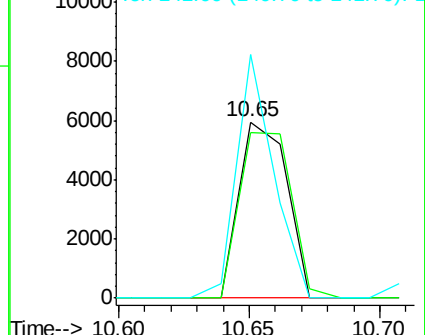
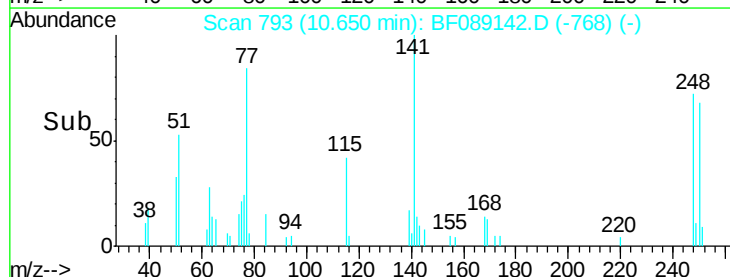
141 138.5 77.4 116.2#

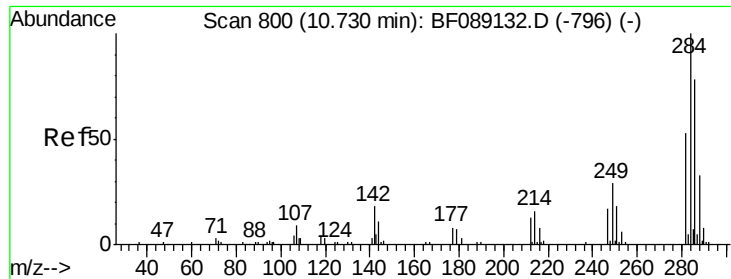


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

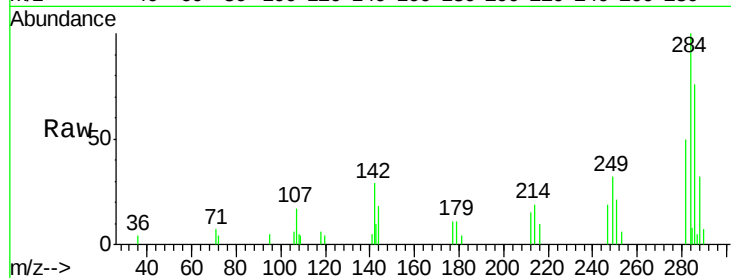




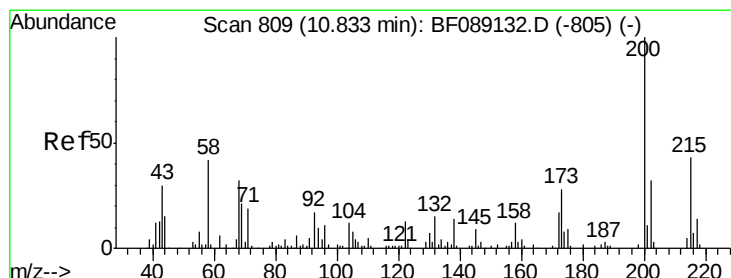
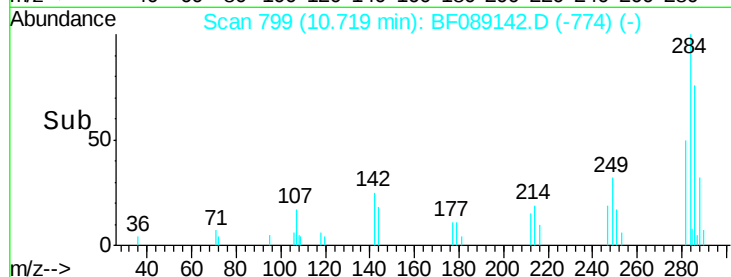
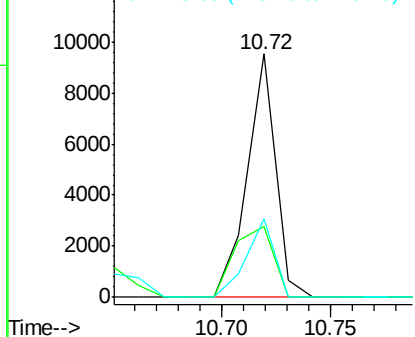
#67
Hexachlorobenzene
Concen: 3.20 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:284 Resp: 8637
Ion Ratio Lower Upper
284 100
142 29.3 14.1 21.1#
249 32.0 23.0 34.4

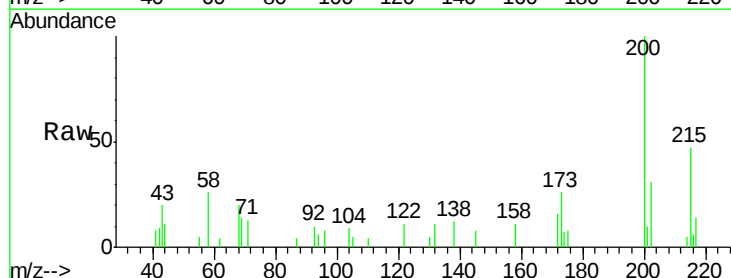


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

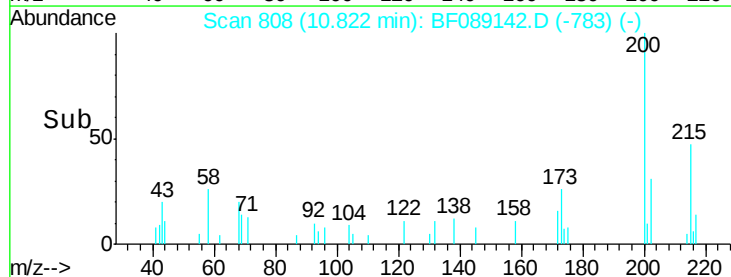
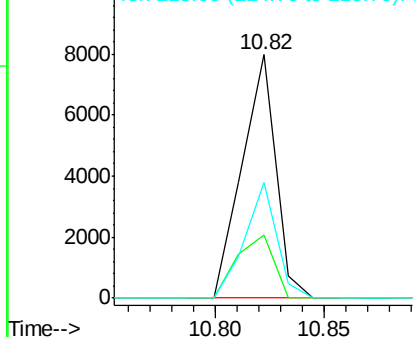


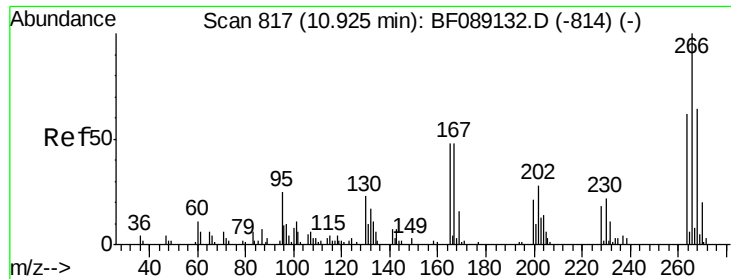
#68
Atrazine
Concen: 3.23 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:200 Resp: 8559
Ion Ratio Lower Upper
200 100
173 25.9 7.8 47.8
215 47.4 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

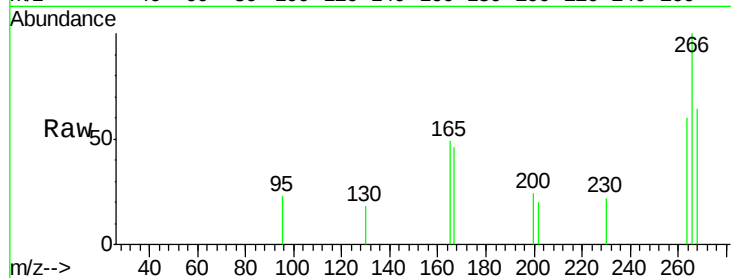




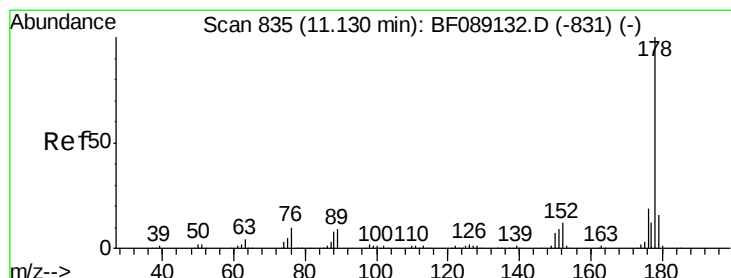
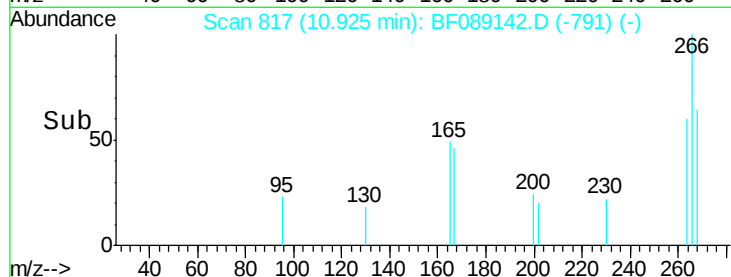
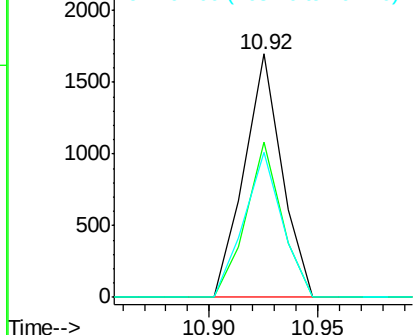
#69
 Pentachlorophenol
 Concen: 1.65 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:266 Resp: 2047
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 59.6 49.7 74.5

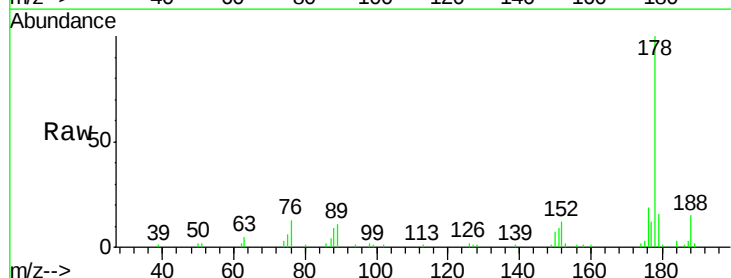


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

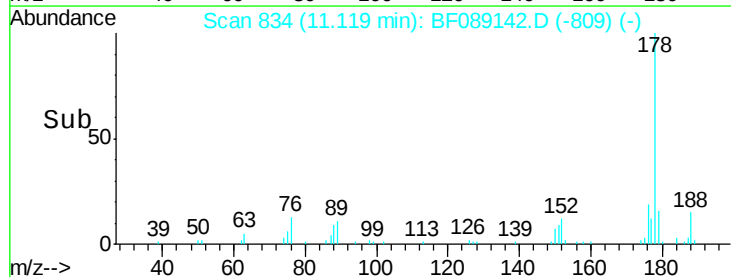
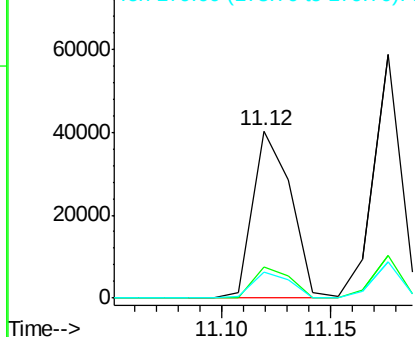


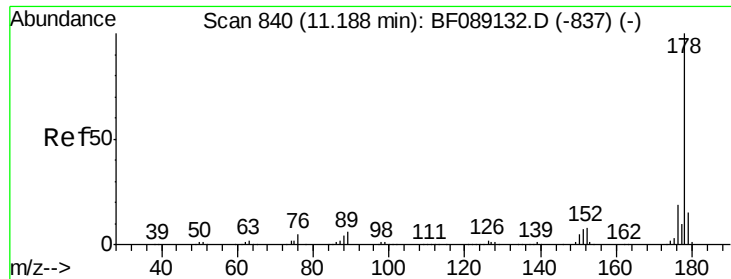
#70
 Phenanthrene
 Concen: 3.55 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:178 Resp: 49395
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.8 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

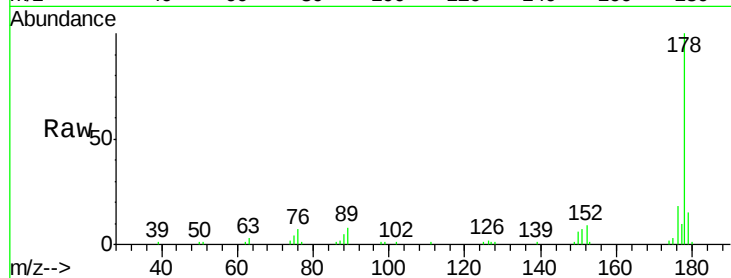




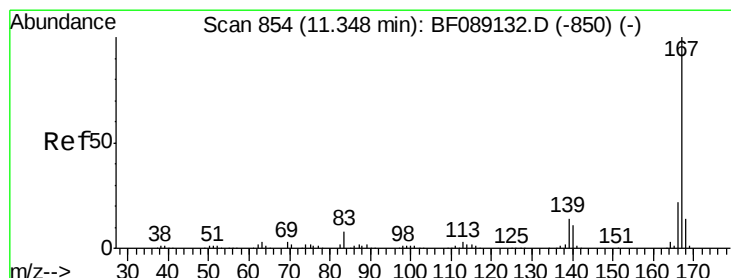
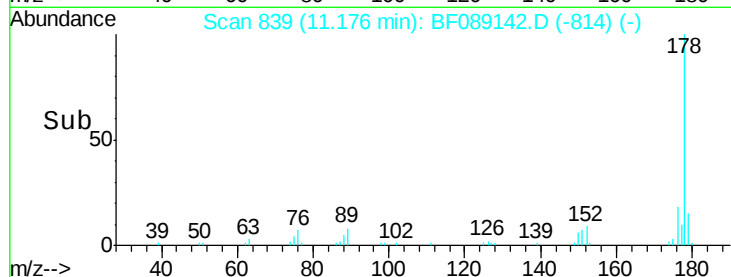
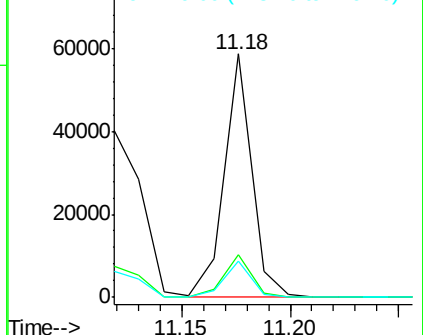
#71
 Anthracene
 Concen: 3.56 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:178 Resp: 51481
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.9 22.3
 179 14.7 12.0 18.0

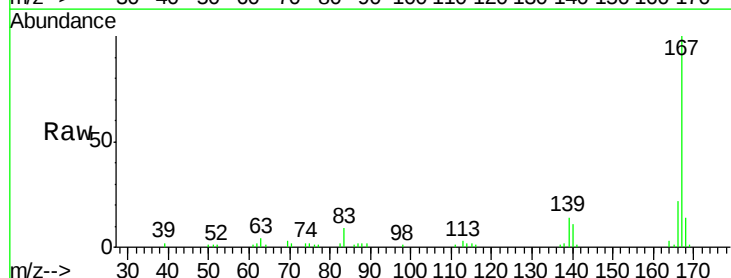


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

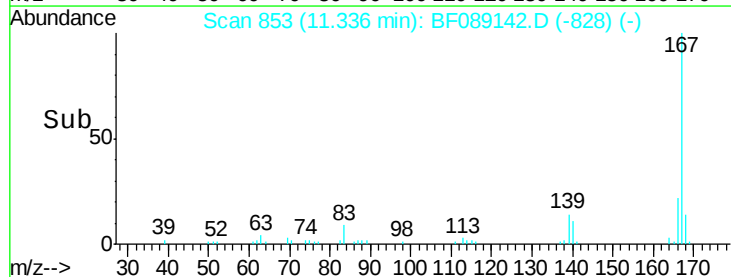
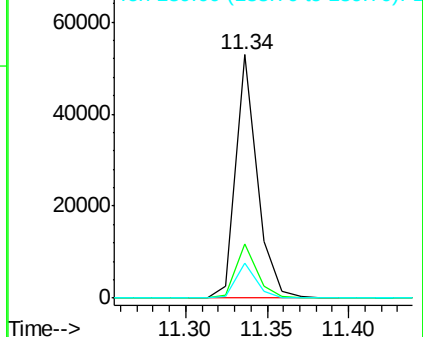


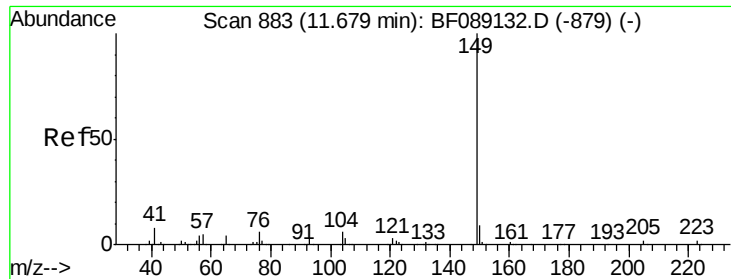
#72
 Carbazole
 Concen: 3.77 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:167 Resp: 47824
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.2 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

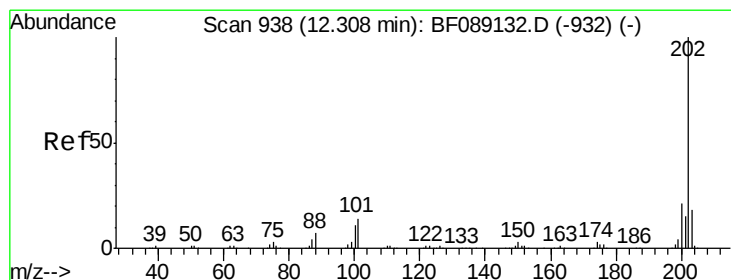
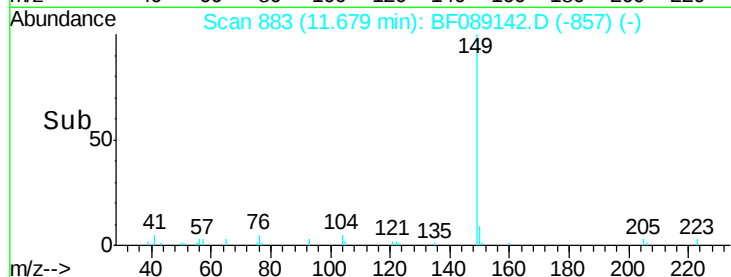
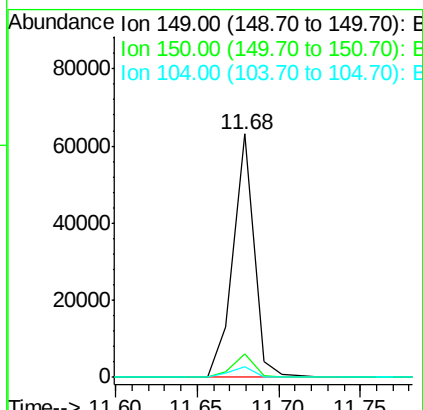
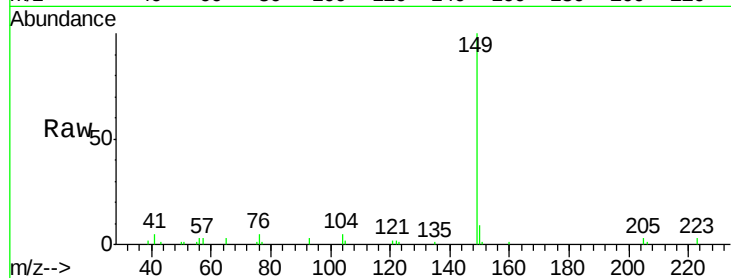




#73
Di-n-butylphthalate
Concen: 3.55 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

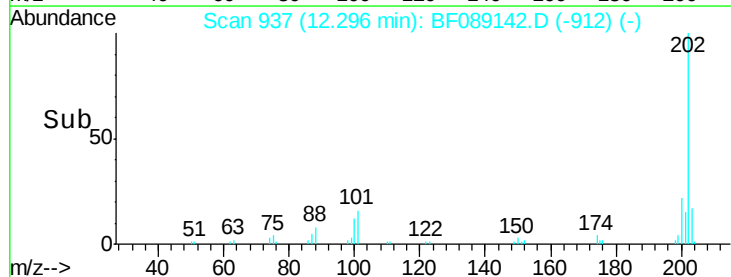
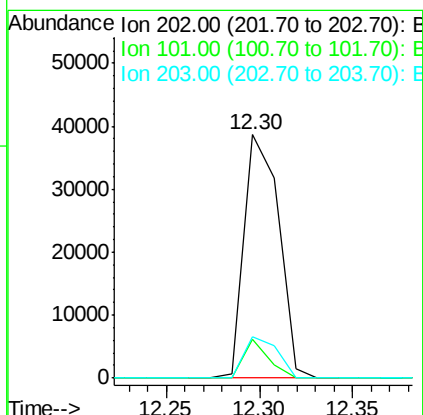
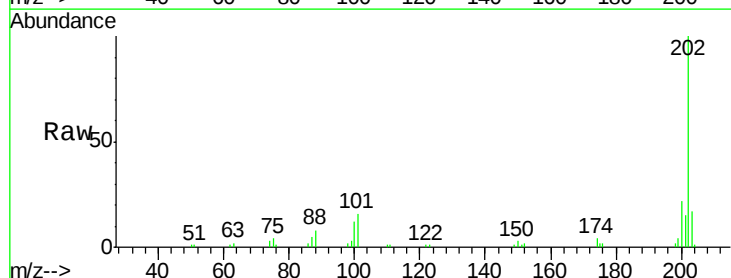
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

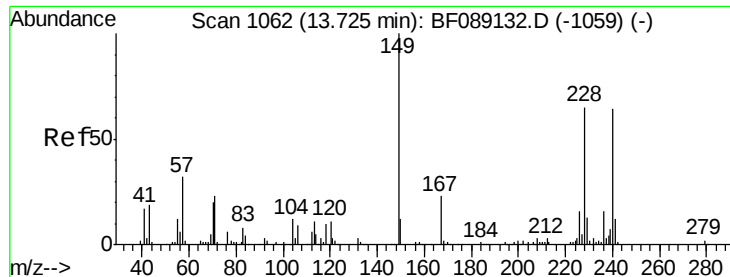
Tgt Ion:149 Resp: 55660
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.6 4.6 6.8



#74
Fluoranthene
Concen: 3.41 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:202 Resp: 49748
Ion Ratio Lower Upper
202 100
101 15.9 0.0 34.0
203 17.0 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: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

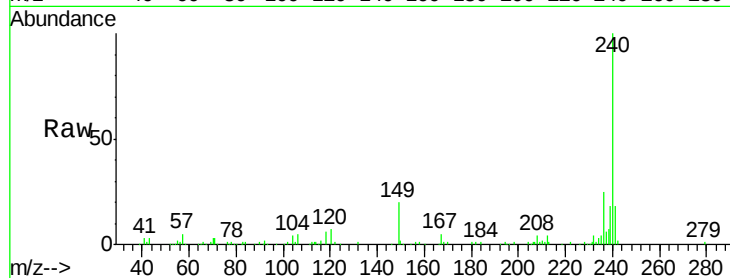
Tgt Ion:240 Resp: 204520

Ion Ratio Lower Upper

240 100

120 6.9 13.6 20.4#

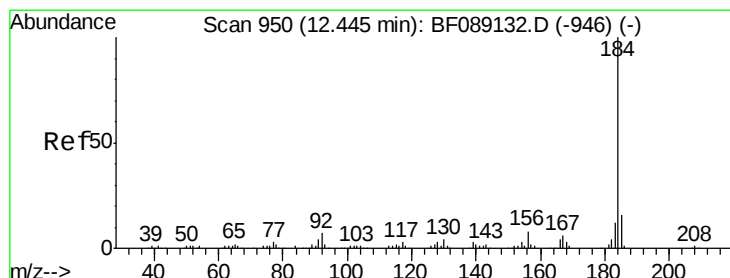
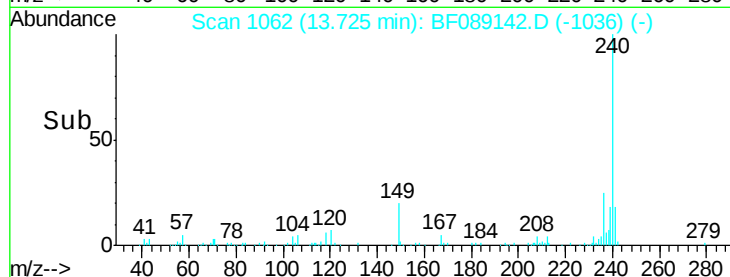
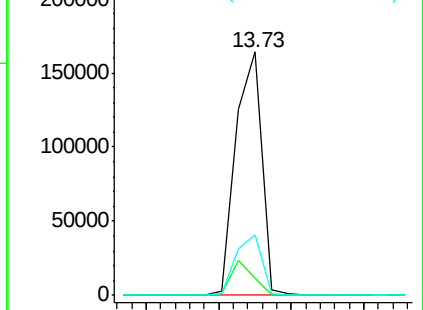
236 25.0 20.5 30.7



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



#76

Benzidine

Concen: 0.91 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

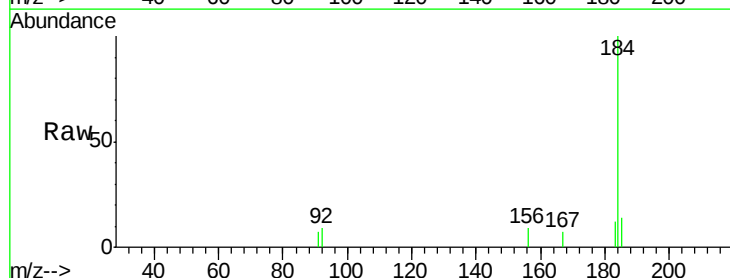
Tgt Ion:184 Resp: 6395

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

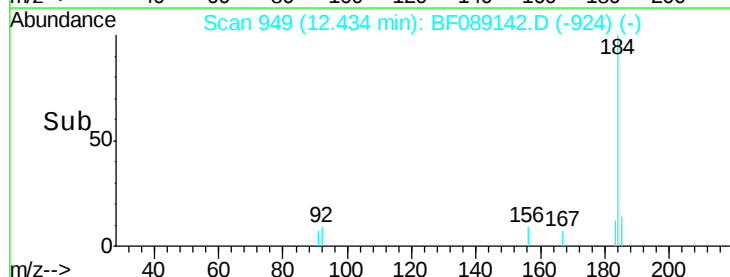
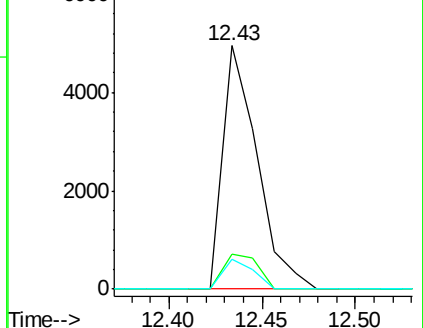
183 12.3 9.6 14.4

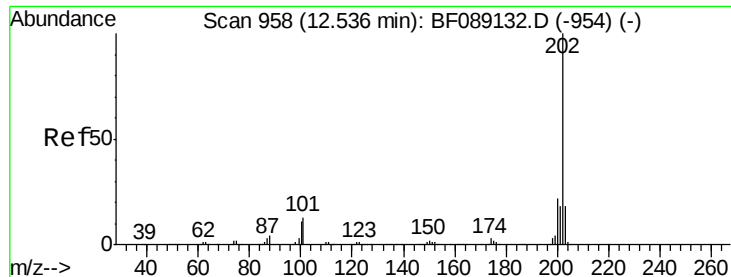


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

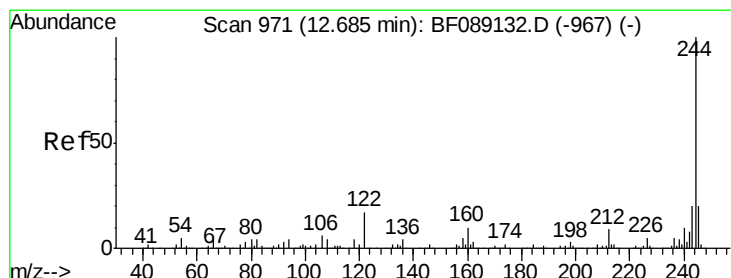
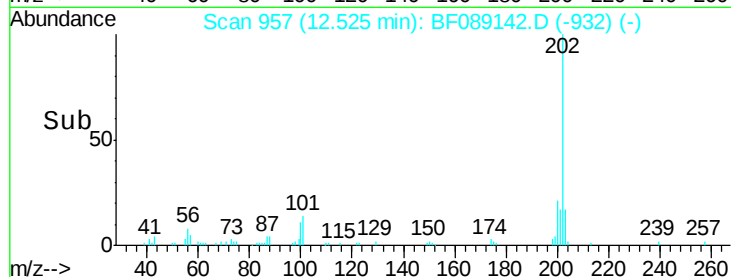
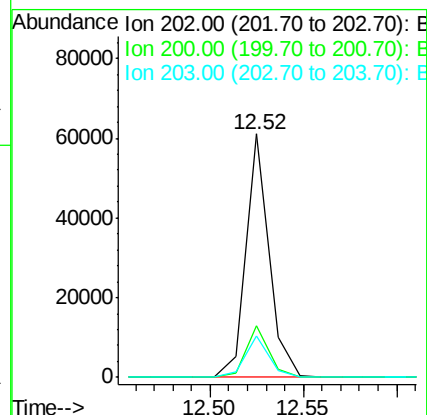
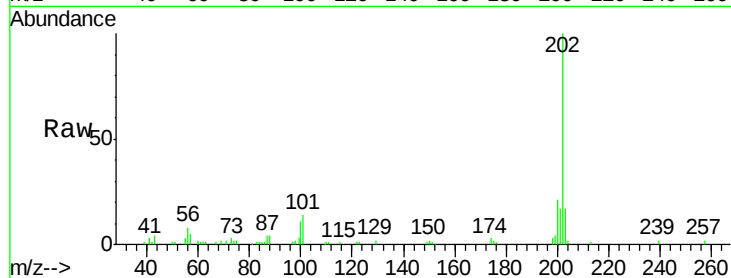




#77
Pyrene
Concen: 3.12 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

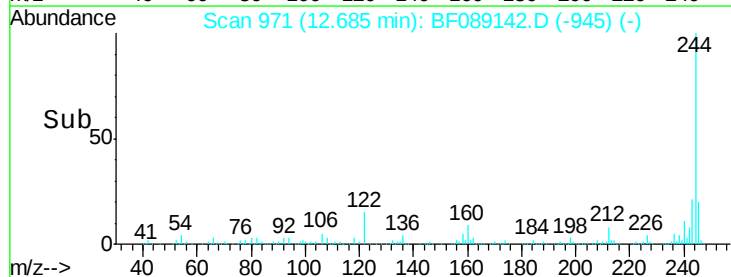
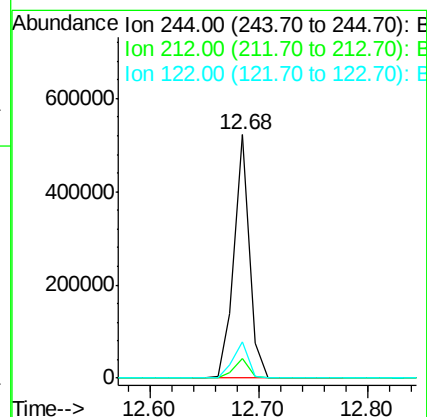
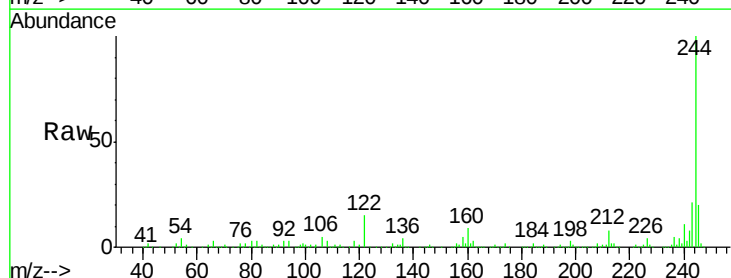
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

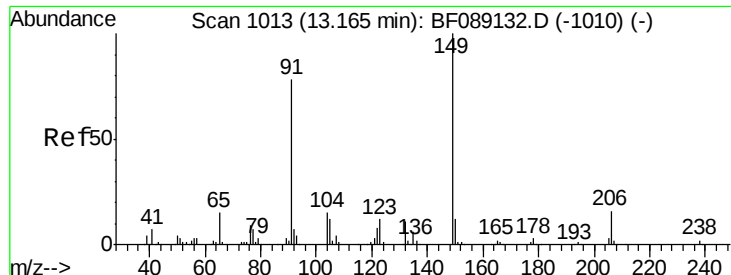
Tgt Ion:202 Resp: 52727
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.0
203 16.8 14.2 21.2



#78
Terphenyl-d14
Concen: 54.15 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:244 Resp: 510609
Ion Ratio Lower Upper
244 100
212 8.2 7.0 10.4
122 14.9 13.8 20.8





#79

Butylbenzylphthalate

Concen: 3.00 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

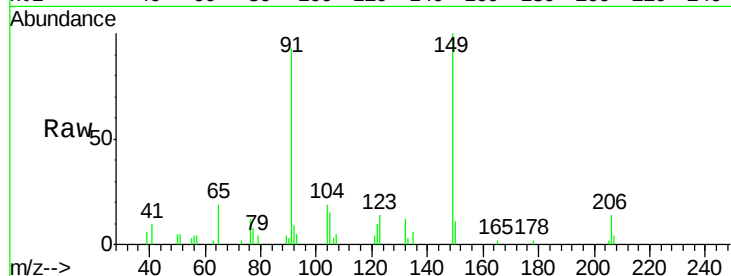
Tgt Ion:149 Resp: 21433

Ion Ratio Lower Upper

149 100

91 92.5 62.6 93.8

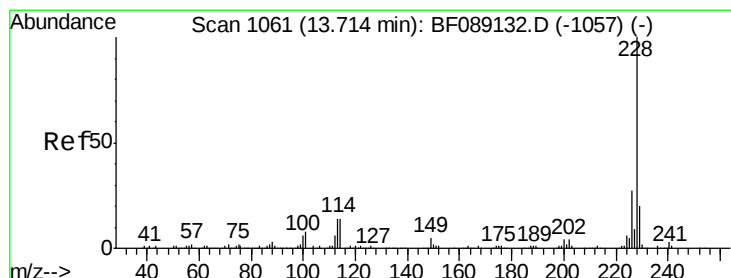
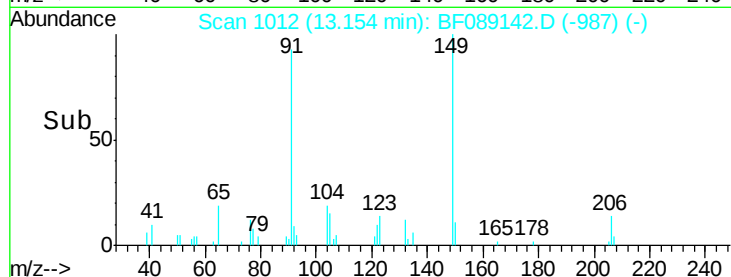
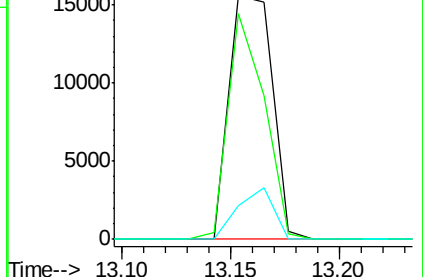
206 13.7 13.2 19.8



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: 3.11 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

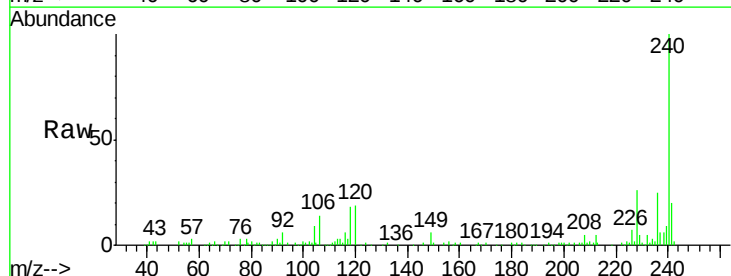
Tgt Ion:228 Resp: 40555

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

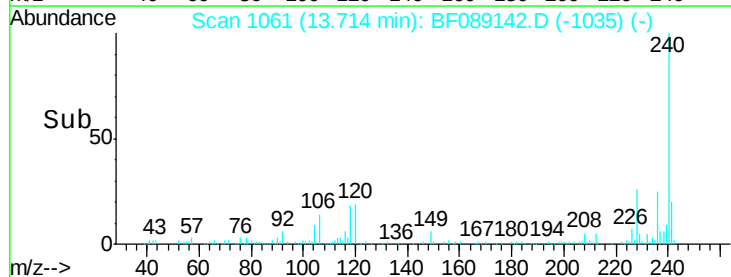
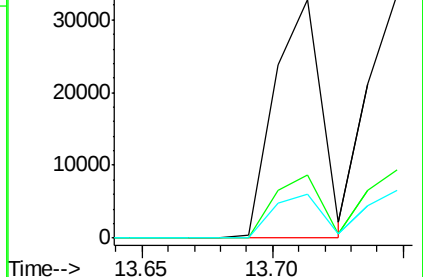
229 18.4 15.8 23.8



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

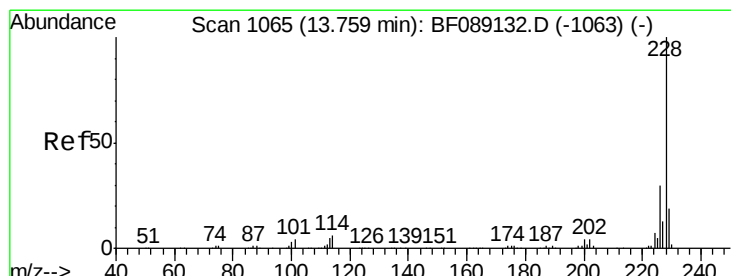
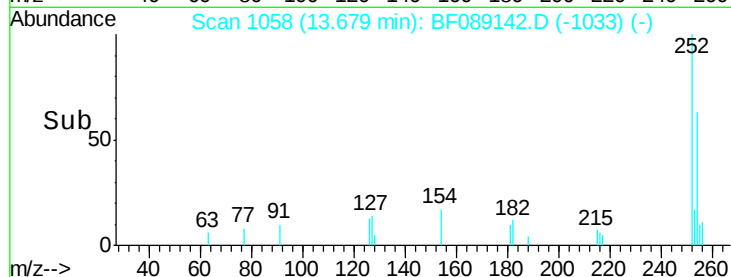
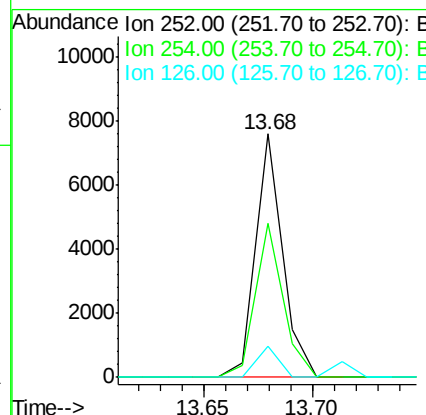
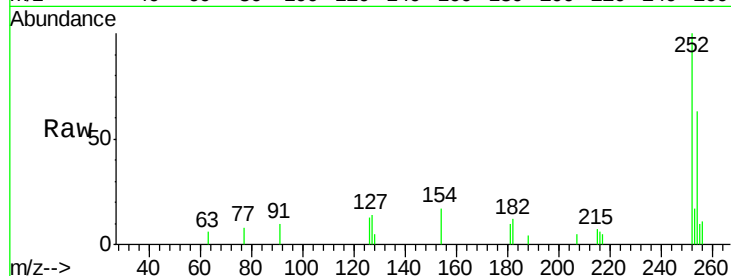




#81
 3,3'-Dichlorobenzidine
 Concen: 1.51 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

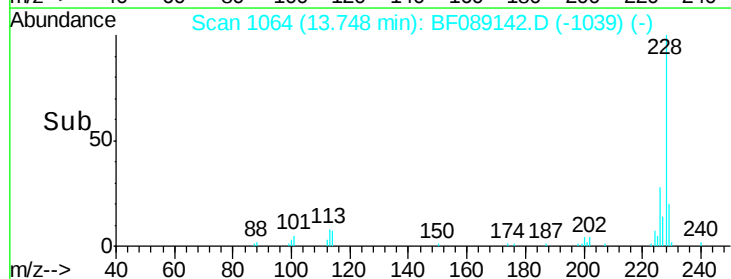
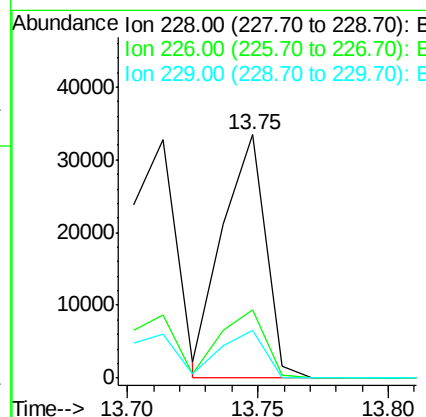
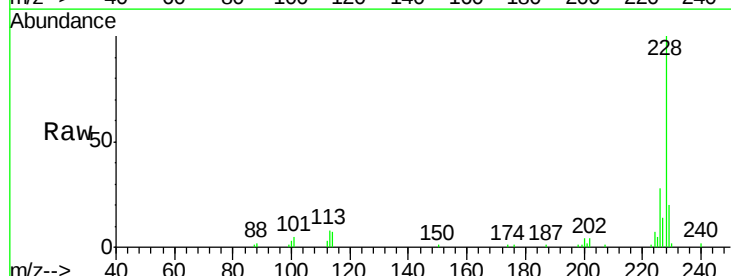
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

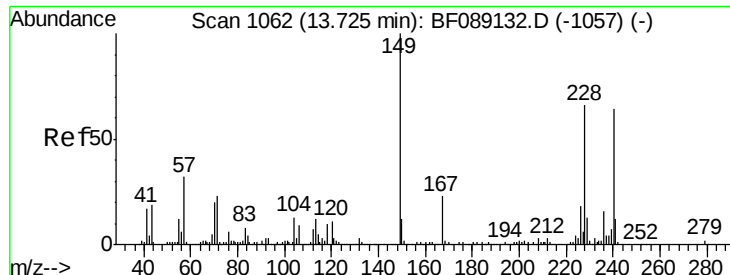
Tgt Ion:252 Resp: 6545
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 12.6 10.2 15.2



#82
 Chrysene
 Concen: 3.10 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:228 Resp: 38550
 Ion Ratio Lower Upper
 228 100
 226 28.2 23.8 35.8
 229 19.8 15.4 23.0

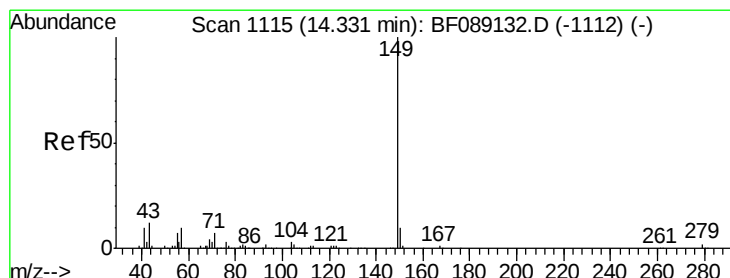
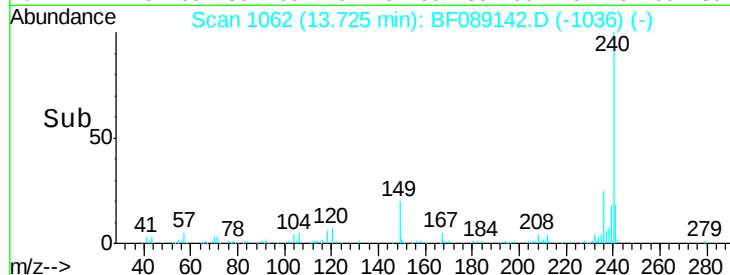
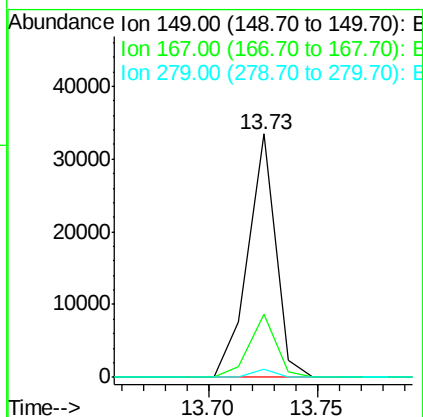
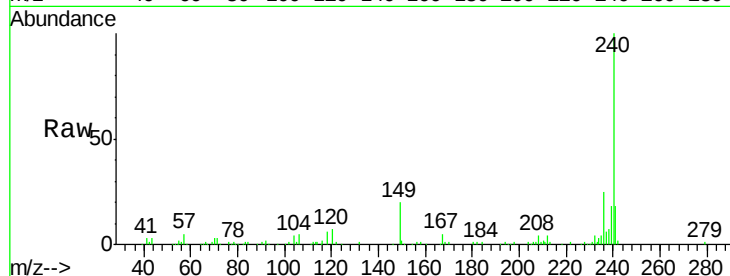




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.14 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

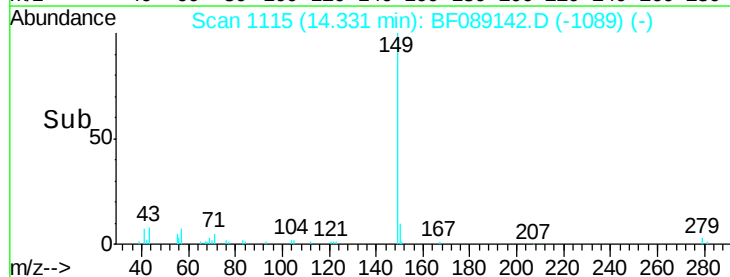
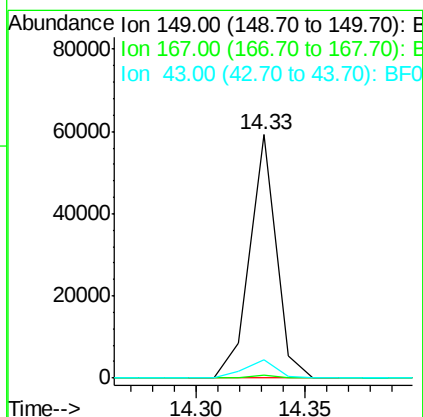
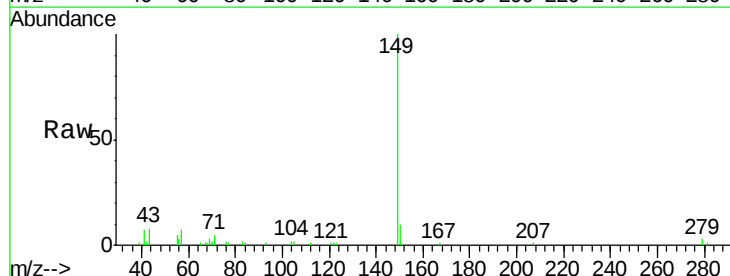
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

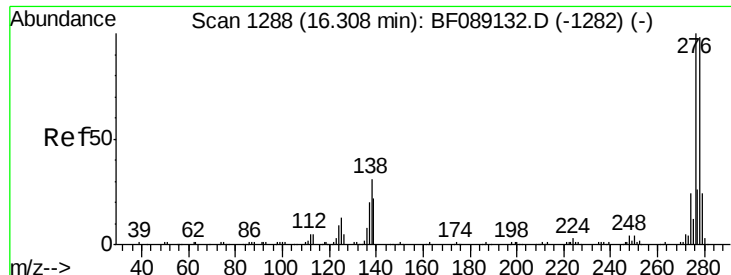
Tgt Ion:149 Resp: 29775
 Ion Ratio Lower Upper
 149 100
 167 25.7 18.6 28.0
 279 3.1 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 3.21 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion:149 Resp: 50174
 Ion Ratio Lower Upper
 149 100
 167 1.1 1.2 1.8#
 43 9.1 7.3 10.9

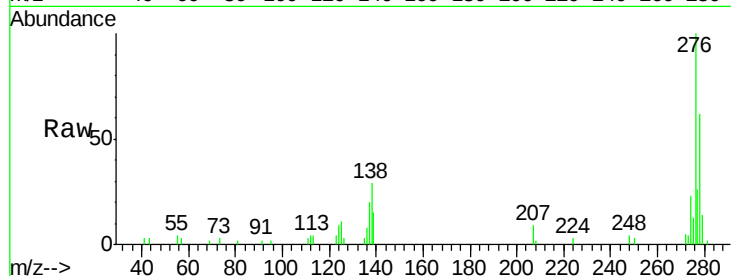




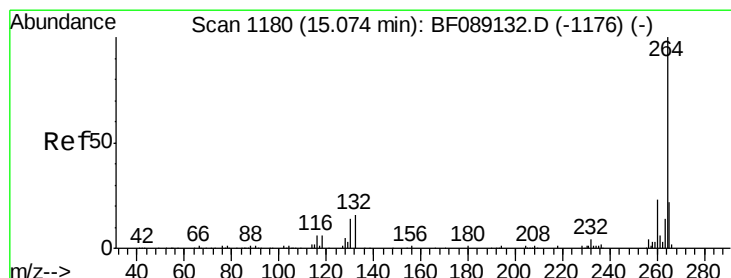
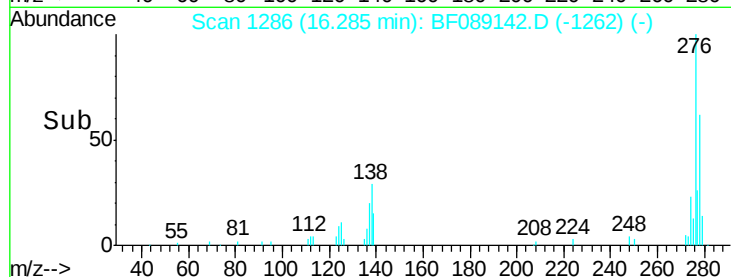
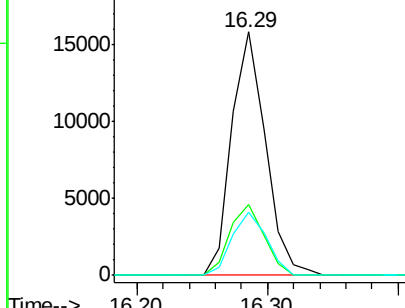
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.17 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.7	35.5
277	26.2	20.6	31.0

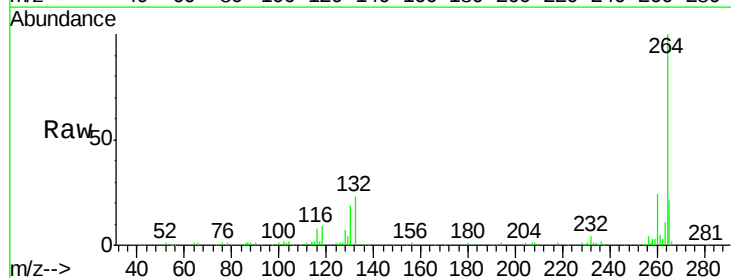


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

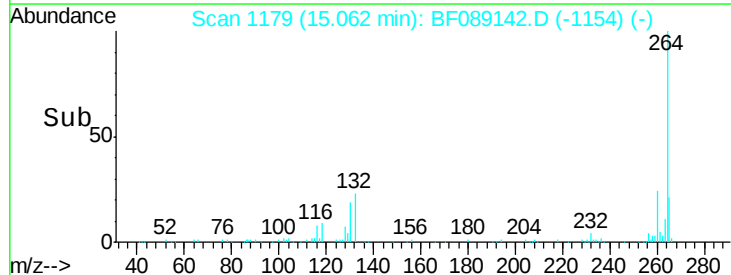
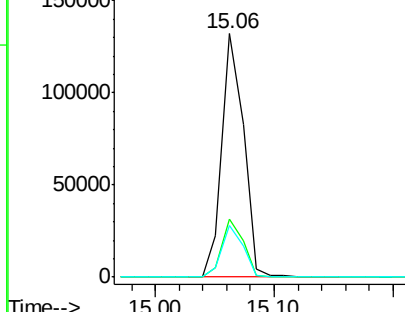


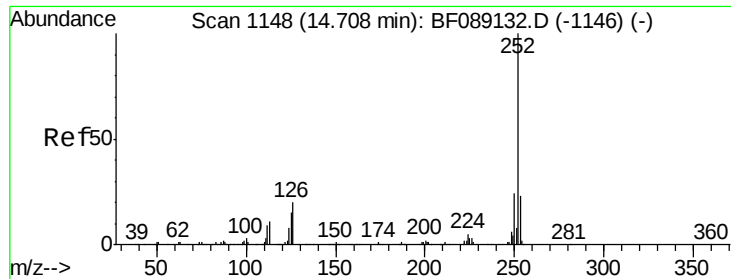
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089142.D
 Acq: 20 Jul 2016 20:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.3	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

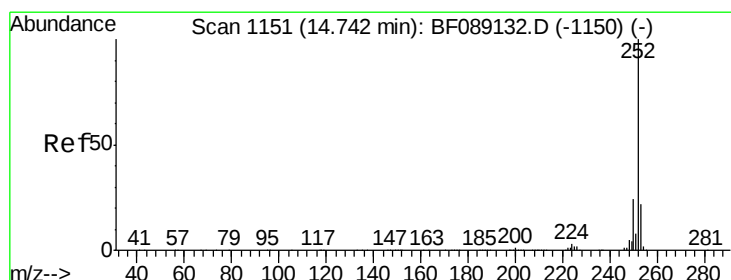
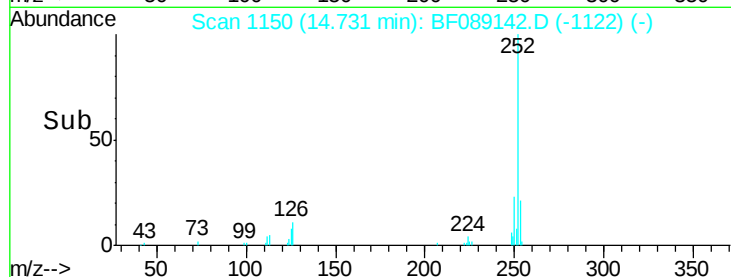
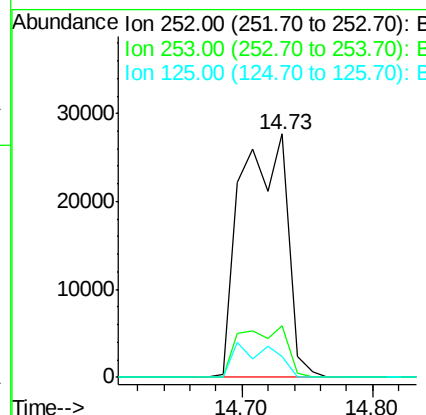
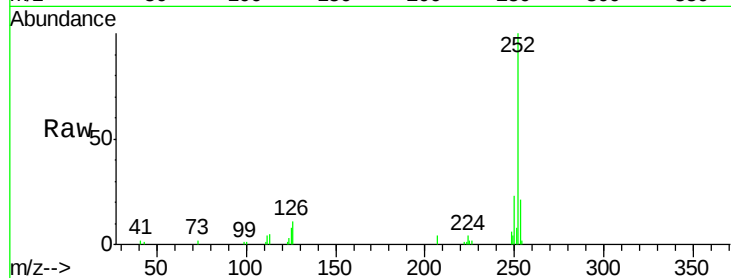




#87
Benzo(b)fluoranthene
Concen: 5.66 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

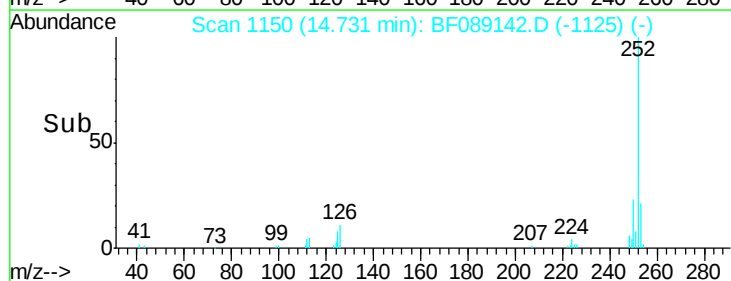
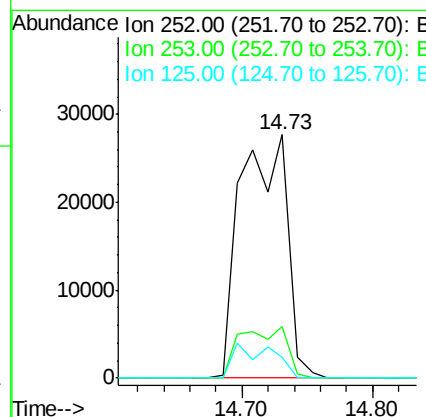
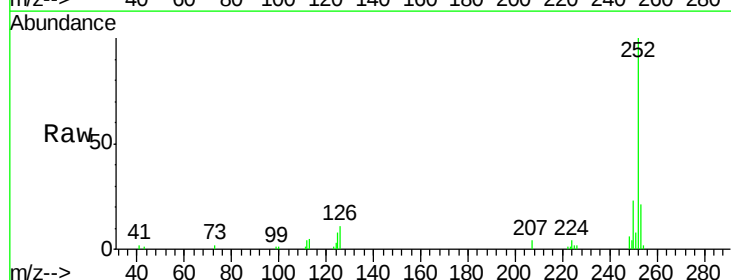
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

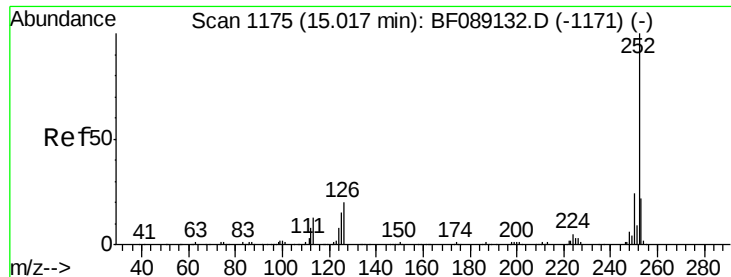
Tgt Ion:252 Resp: 68841
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 8.3 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 7.92 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF089142.D
Acq: 20 Jul 2016 20:23

Tgt Ion:252 Resp: 68841
Ion Ratio Lower Upper
252 100
253 21.0 17.3 25.9
125 8.3 6.3 9.5





#89

Benzo(a)pyrene

Concen: 3.39 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

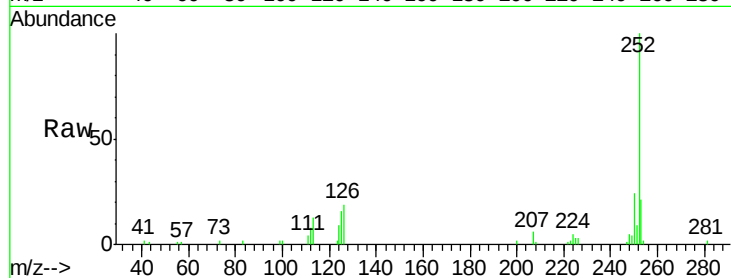
Tgt Ion:252 Resp: 32021

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

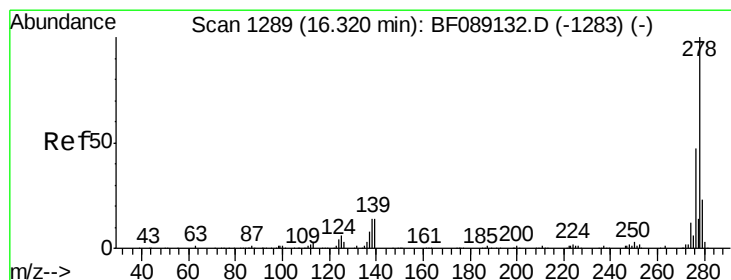
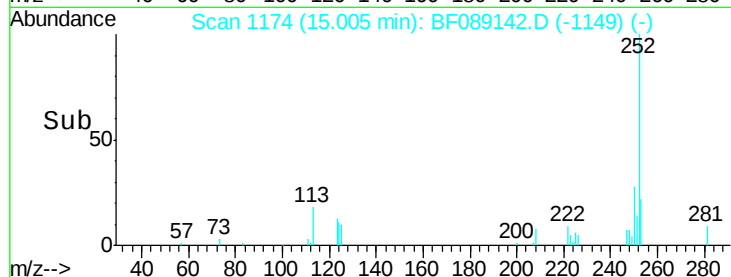
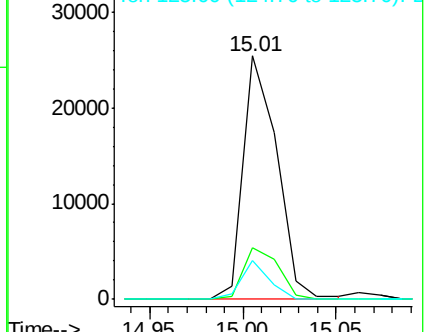
125 15.8 12.4 18.6



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: 3.14 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089142.D

Acq: 20 Jul 2016 20:23

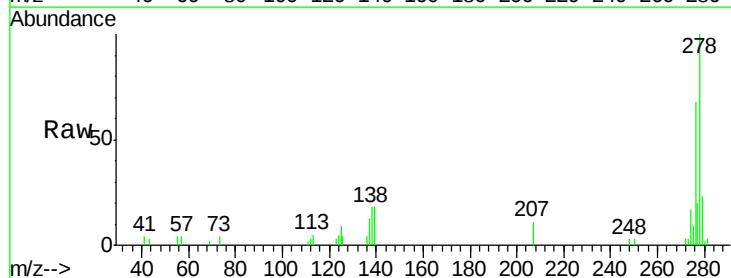
Tgt Ion:278 Resp: 23362

Ion Ratio Lower Upper

278 100

139 17.9 11.4 17.2#

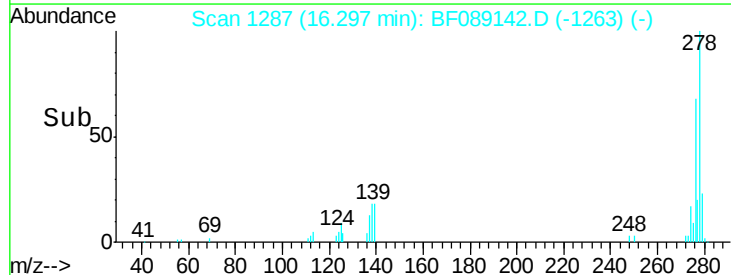
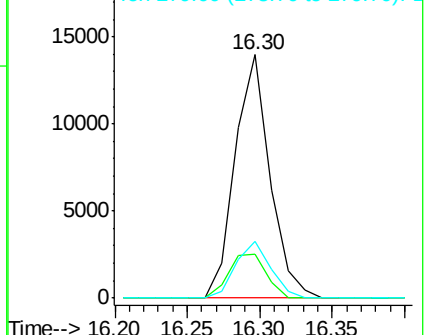
279 23.3 18.4 27.6

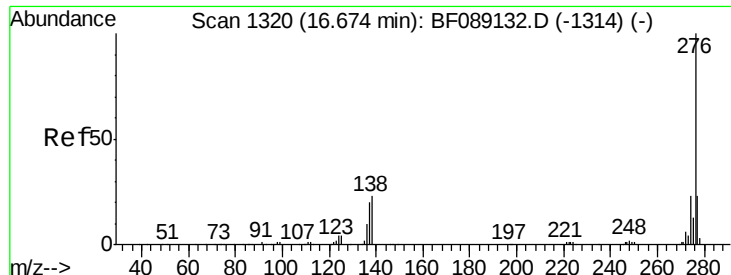


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.17 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089142.D

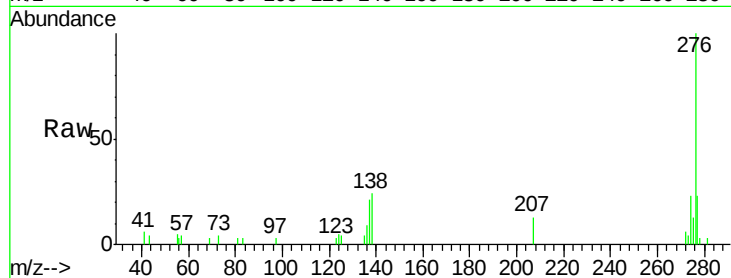
Acq: 20 Jul 2016 20:23

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01



Tgt Ion: 276 Resp: 23794

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 24.2 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

