

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089139.D
 Acq On : 20 Jul 2016 18:53
 Operator : UM/SJ
 Sample : H3606-06
 Misc : LOQ 20PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Jul 21 01:47:46 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	61239	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	265005	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	134273	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	266539	20.00	ng	0.00
75) Chrysene-d12	13.73	240	205936	20.00	ng	0.00
86) Perylene-d12	15.06	264	165988	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	423679	105.22	ng	0.01
7) Phenol-d6	6.26	99	565874	108.98	ng	-0.01
23) Nitrobenzene-d5	7.18	82	371010	74.39	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	125211	103.57	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	673600	69.12	ng	0.00
78) Terphenyl-d14	12.69	244	571503	60.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	19070	10.91	ng	# 72
3) Pyridine	2.80	79	46843	10.55	ng	98
4) n-Nitrosodimethylamine	2.72	42	25645	13.72	ng	99
6) Aniline	6.27	93	42561	6.07	ng	# 1
8) 2-Chlorophenol	6.39	128	64691	14.48	ng	84
9) Benzaldehyde	6.15	77	50932	16.02	ng	96
10) Phenol	6.28	94	80139	13.40	ng	98
11) bis(2-Chloroethyl)ether	6.34	93	63243	14.08	ng	87
12) 1,3-Dichlorobenzene	6.54	146	66823	13.54	ng	97
13) 1,4-Dichlorobenzene	6.62	146	70444	14.18	ng	96
14) 1,2-Dichlorobenzene	6.76	146	60571m	12.93	ng	
15) Benzyl Alcohol	6.75	79	60511	15.91	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.89	45	68408	13.36	ng	# 69
17) 2-Methylphenol	6.88	107	52991	15.06	ng	96
18) Hexachloroethane	7.11	117	26077	13.96	ng	92
19) n-Nitroso-di-n-propylamine	7.03	70	48422	14.26	ng	97
20) 3+4-Methylphenols	7.04	107	72824	15.24	ng	92
22) Acetophenone	7.02	105	94385	13.34	ng	98
24) Nitrobenzene	7.19	77	71533	13.60	ng	90
25) Isophorone	7.43	82	129577	14.10	ng	97
26) 2-Nitrophenol	7.51	139	34677	14.13	ng	# 85
27) 2,4-Dimethylphenol	7.56	122	55381	13.40	ng	92
28) bis(2-Chloroethoxy)methane	7.64	93	76526	13.31	ng	99
29) 2,4-Dichlorophenol	7.76	162	52089	13.98	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	54924	13.32	ng	96
31) Naphthalene	7.91	128	197462	13.81	ng	99
32) Benzoic acid	7.68	122	31341	9.86	ng	95
33) 4-Chloroaniline	7.96	127	32227	5.36	ng	# 91
34) Hexachlorobutadiene	8.03	225	28569	12.45	ng	98
35) Caprolactam	8.32	113	17848	15.43	ng	97
36) 4-Chloro-3-methylphenol	8.47	107	60287	13.43	ng	89
37) 2-Methylnaphthalene	8.59	142	123272	13.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	56588	11.34	ng	98
40) Hexachlorocyclopentadiene	8.75	237	14092	16.00	ng	97

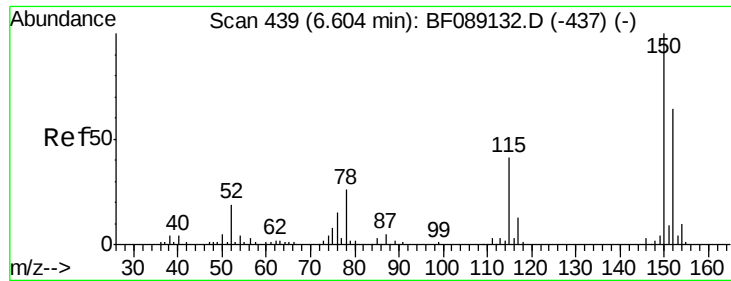
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089139.D
 Acq On : 20 Jul 2016 18:53
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	37600	13.46	ng	94
43) 2,4,5-Trichlorophenol	8.92	196	39232	13.99	ng #	88
45) 1,1'-Biphenyl	9.06	154	161476	13.35	ng	96
46) 2-Chloronaphthalene	9.08	162	120221	13.08	ng	94
47) 2-Nitroaniline	9.19	65	39738	12.61	ng #	79
48) Acenaphthylene	9.48	152	189954	13.15	ng	99
49) Dimethylphthalate	9.37	163	146224	14.19	ng	99
50) 2,6-Dinitrotoluene	9.43	165	32585	14.01	ng #	82
51) Acenaphthene	9.67	154	112683	13.19	ng	100
52) 3-Nitroaniline	9.60	138	18769	6.79	ng	98
53) 2,4-Dinitrophenol	9.71	184	10794	16.66	ng #	87
54) Dibenzofuran	9.84	168	172129	14.91	ng	92
55) 4-Nitrophenol	9.78	139	21591	12.92	ng #	87
56) 2,4-Dinitrotoluene	9.83	165	42660	14.24	ng	98
57) Fluorene	10.17	166	135948	13.87	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	30090	14.94	ng	97
59) Diethylphthalate	10.07	149	155097	15.18	ng	98
60) 4-Chlorophenyl-phenylether	10.17	204	61806	13.81	ng #	77
61) 4-Nitroaniline	10.20	138	32951	12.26	ng	98
62) Azobenzene	10.33	77	165535	14.91	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	19100	12.31	ng	84
65) n-Nitrosodiphenylamine	10.30	169	127568	14.32	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	35668	13.52	ng #	81
67) Hexachlorobenzene	10.72	284	36961	13.03	ng #	70
68) Atrazine	10.82	200	39392	14.14	ng	98
69) Pentachlorophenol	10.92	266	14516	11.09	ng	93
70) Phenanthrene	11.13	178	206382	14.12	ng	99
71) Anthracene	11.18	178	212723	14.00	ng	99
72) Carbazole	11.34	167	185220	13.87	ng	99
73) Di-n-butylphthalate	11.68	149	247828	15.01	ng	99
74) Fluoranthene	12.31	202	216752	14.10	ng	92
76) Benzidine	12.43	184	28359	4.01	ng	99
77) Pyrene	12.53	202	205205	12.07	ng	99
79) Butylbenzylphthalate	13.17	149	99864	13.88	ng	85
80) Benzo(a)anthracene	13.71	228	176308	13.44	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	48487	11.14	ng #	97
82) Chrysene	13.75	228	168064	13.41	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	125686	13.17	ng #	98
84) Di-n-octyl phthalate	14.33	149	212974	13.53	ng	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	125451	13.79	ng	99
87) Benzo(b)fluoranthene	14.71	252	173131m	14.40	ng	
88) Benzo(k)fluoranthene	14.73	252	128420m	14.94	ng	
89) Benzo(a)pyrene	15.02	252	139276	14.92	ng #	93
90) Dibenzo(a,h)anthracene	16.30	278	102519	13.91	ng #	93
91) Benzo(g,h,i)perylene	16.65	276	102662	13.82	ng	96

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

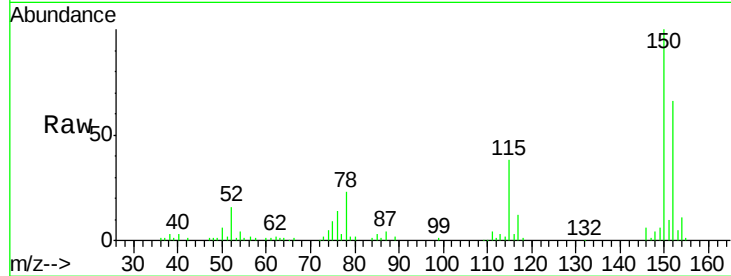


#1

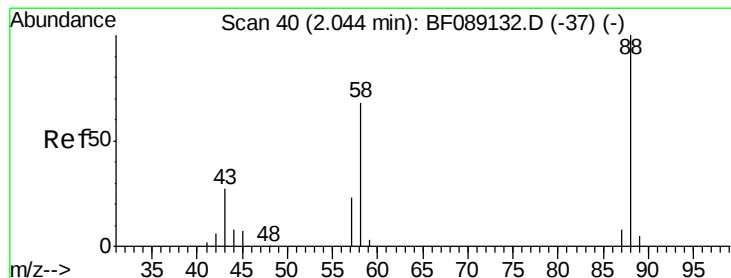
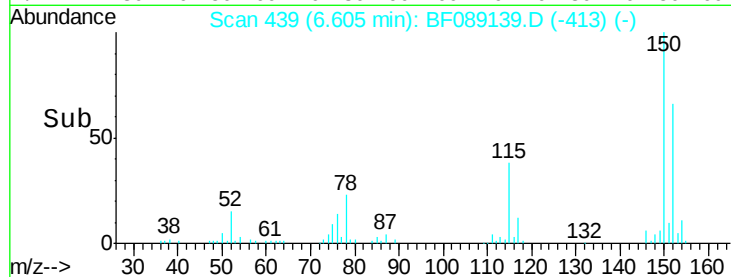
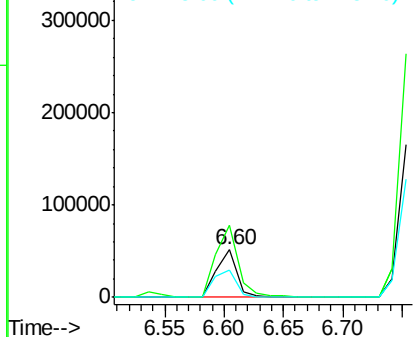
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:152 Resp: 61239
Ion Ratio Lower Upper
152 100
150 151.6 125.1 187.7
115 58.1 51.1 76.7



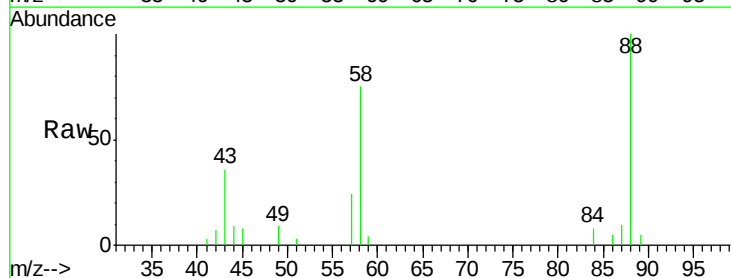
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



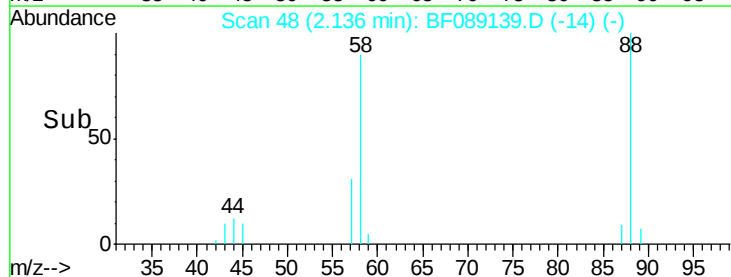
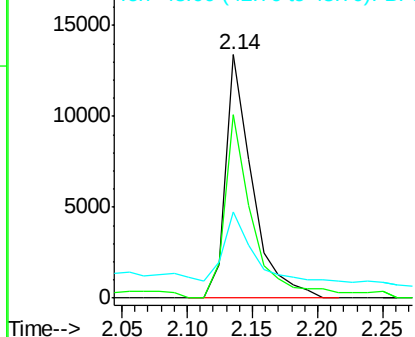
#2

1,4-Dioxane
Concen: 10.91 ng
RT: 2.14 min Scan# 48
Delta R.T. 0.09 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion: 88 Resp: 19070
Ion Ratio Lower Upper
88 100
58 82.4 49.2 73.8#
43 41.2 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: 10.55 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.13 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

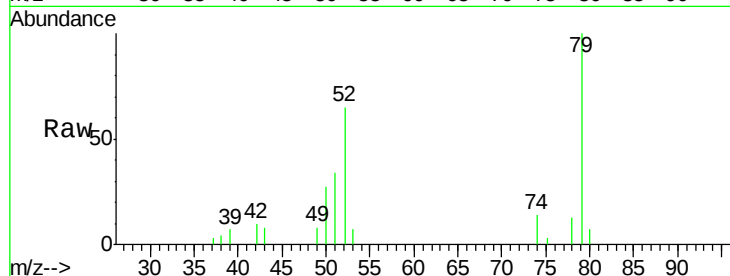
Tgt Ion: 79 Resp: 46843

Ion Ratio Lower Upper

79 100

52 64.6 52.9 79.3

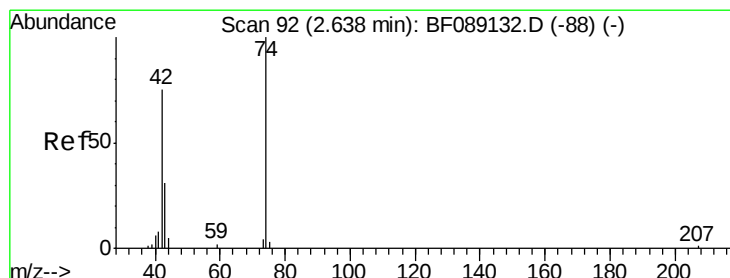
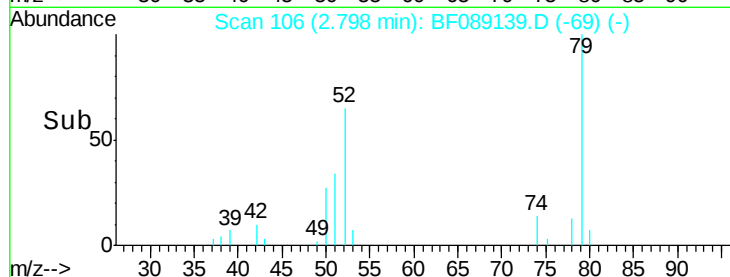
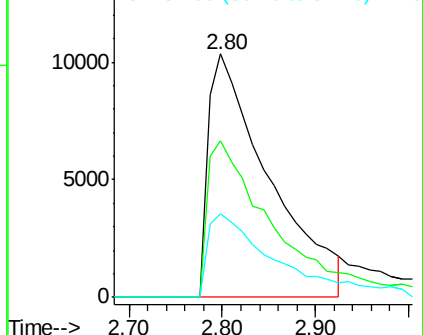
51 34.3 27.0 40.6



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: 13.72 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

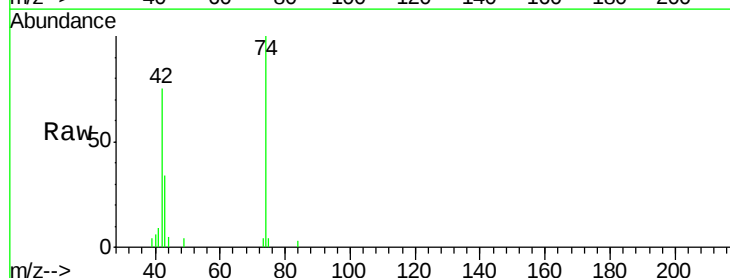
Tgt Ion: 42 Resp: 25645

Ion Ratio Lower Upper

42 100

74 133.7 106.4 159.6

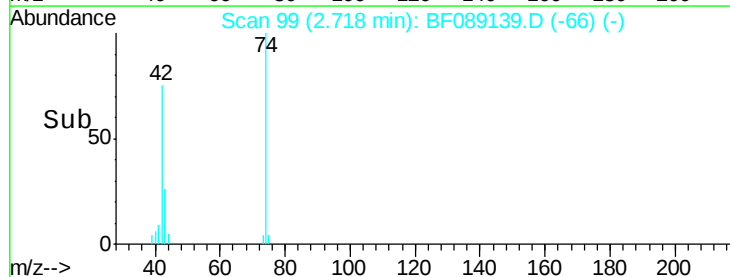
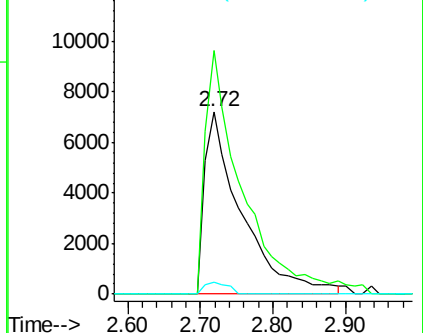
44 6.5 5.2 7.8

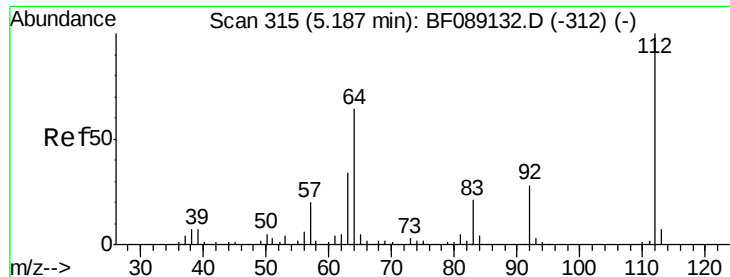


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.22 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

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LOQ-WATER2016-02

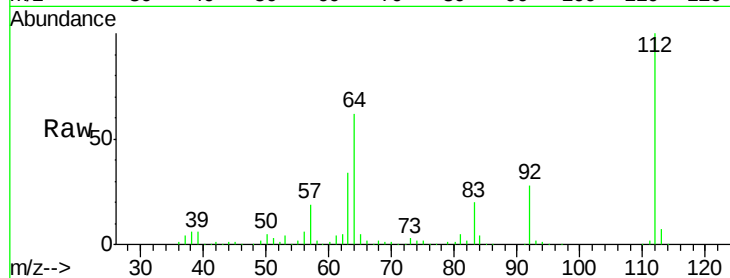
Tgt Ion: 112 Resp: 423679

Ion Ratio Lower Upper

112 100

64 61.8 51.0 76.4

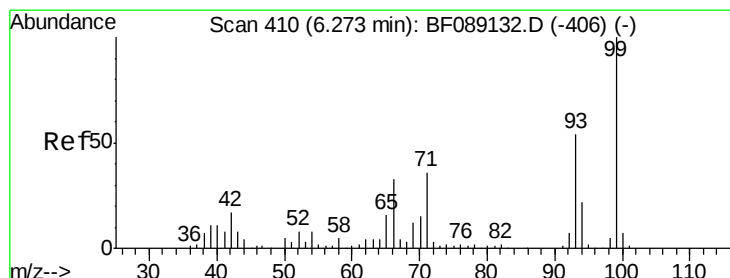
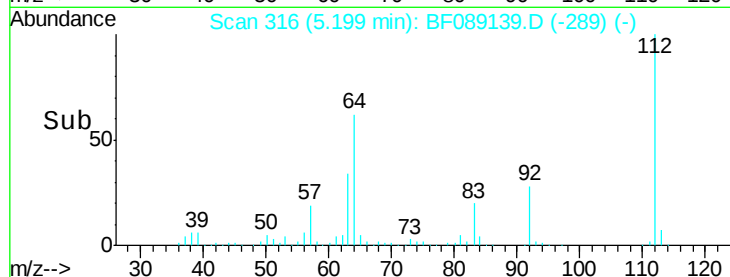
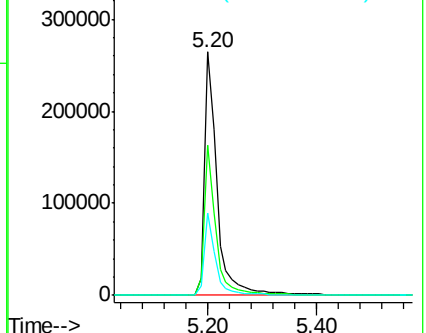
63 33.6 27.3 40.9



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: 6.07 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

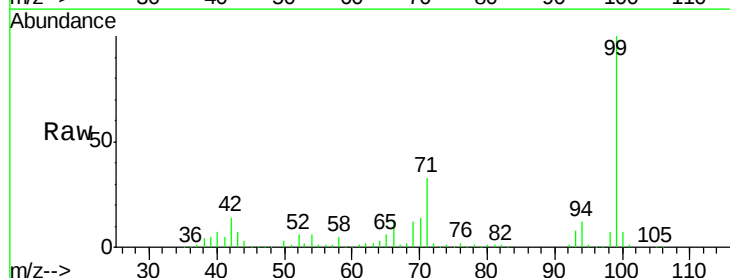
Tgt Ion: 93 Resp: 42561

Ion Ratio Lower Upper

93 100

66 155.1 48.9 73.3#

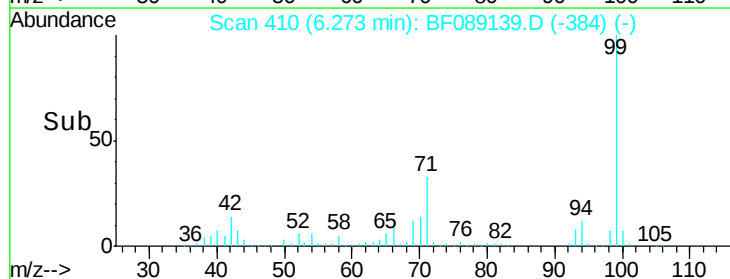
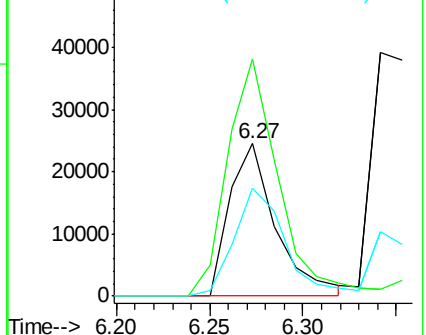
65 70.8 23.9 35.9#

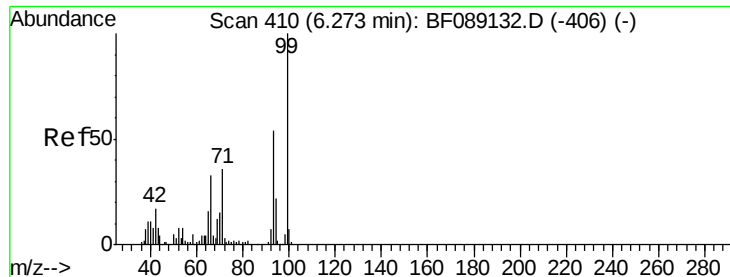


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.98 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

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ClientSampleId :

LOQ-WATER2016-02

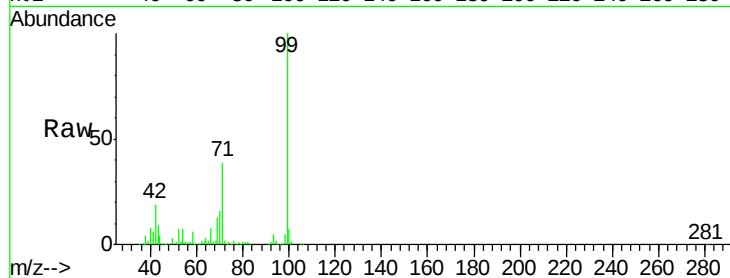
Tgt Ion: 99 Resp: 565874

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

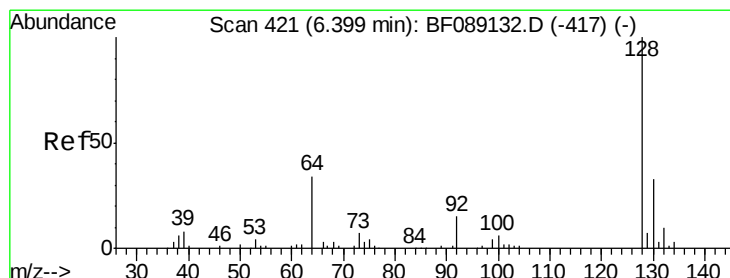
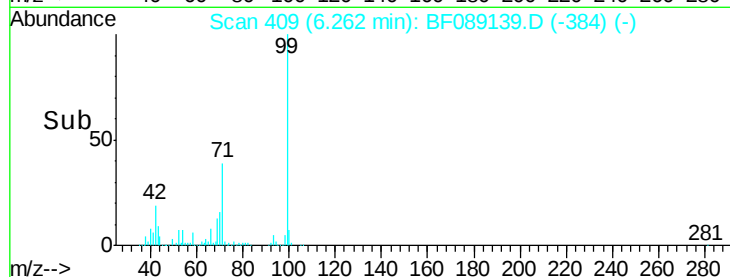
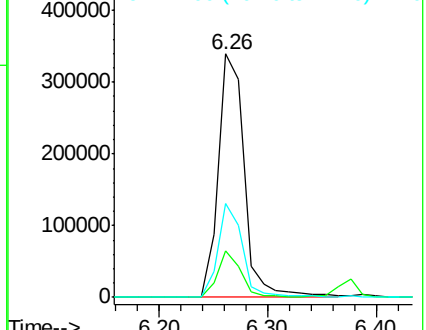
71 38.6 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 14.48 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

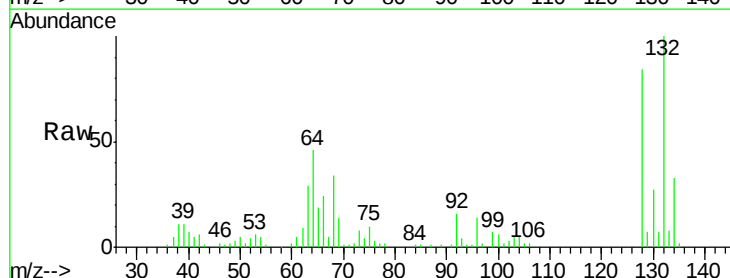
Tgt Ion: 128 Resp: 64691

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

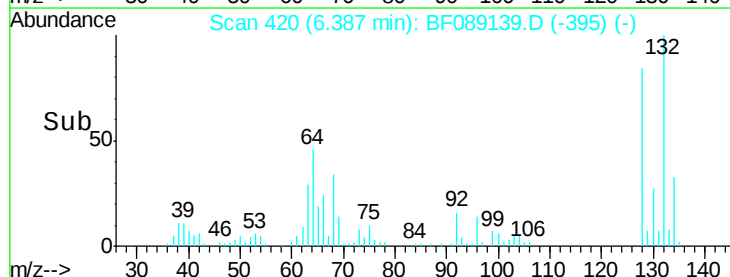
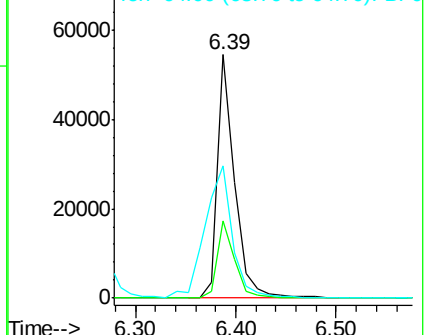
64 54.3 17.5 57.5

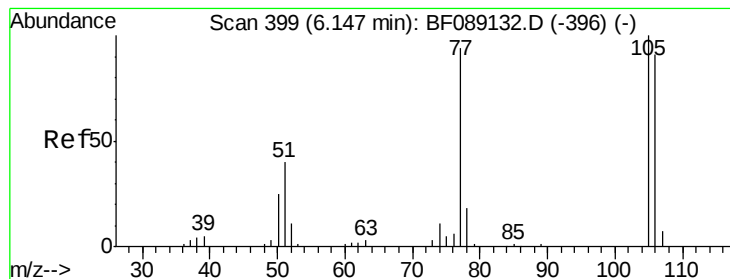


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.02 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

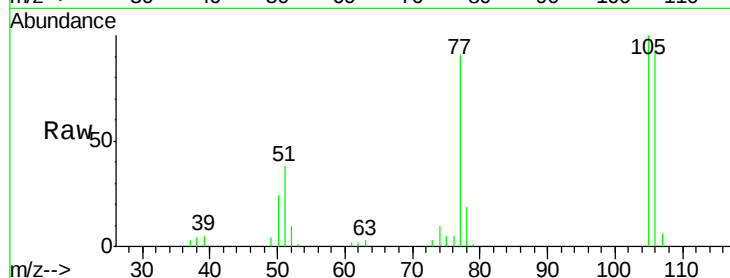
Tgt Ion: 77 Resp: 50932

Ion Ratio Lower Upper

77 100

105 109.4 86.2 126.2

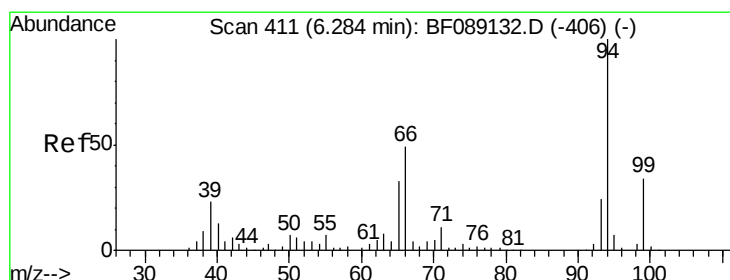
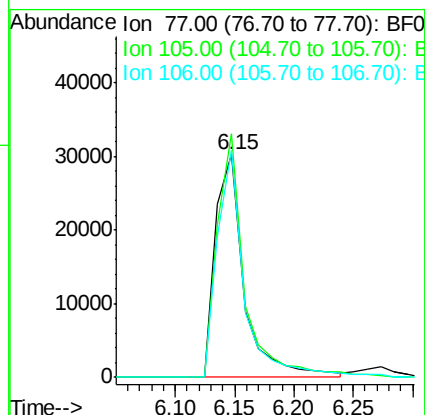
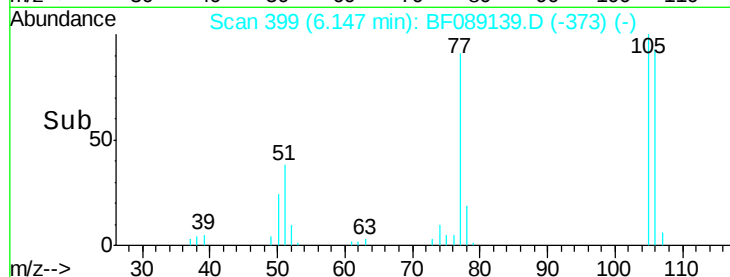
106 101.8 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.40 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

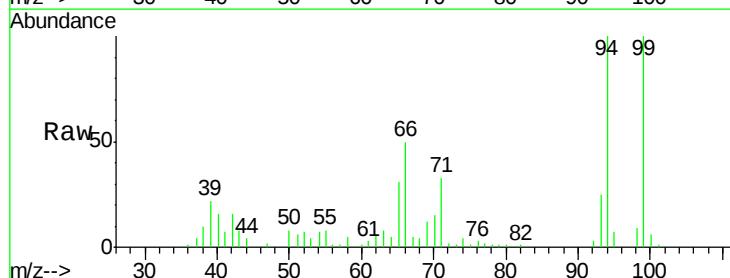
Tgt Ion: 94 Resp: 80139

Ion Ratio Lower Upper

94 100

65 31.1 13.3 53.3

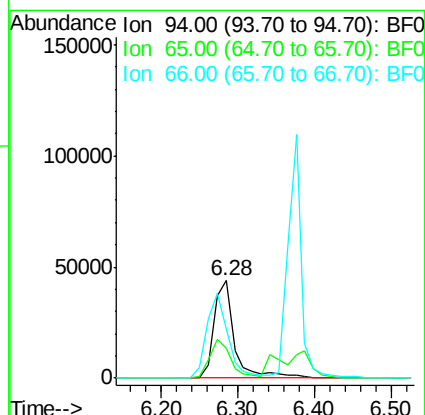
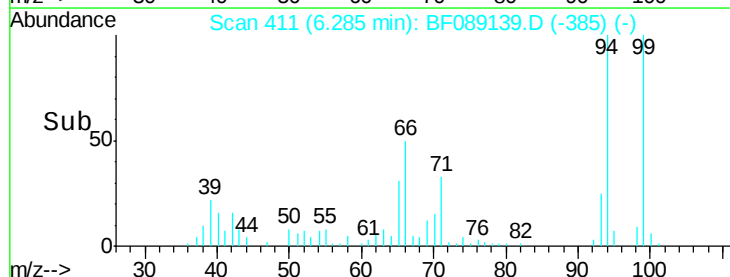
66 49.8 29.3 69.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 14.08 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

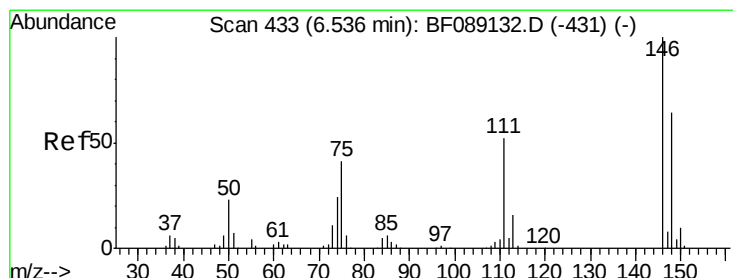
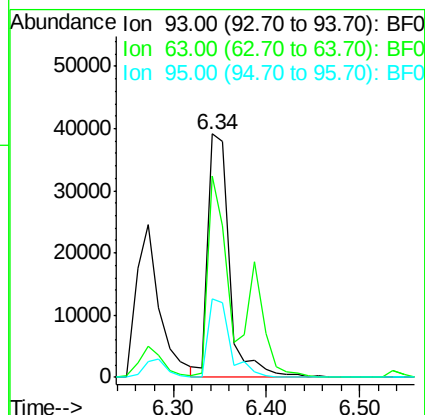
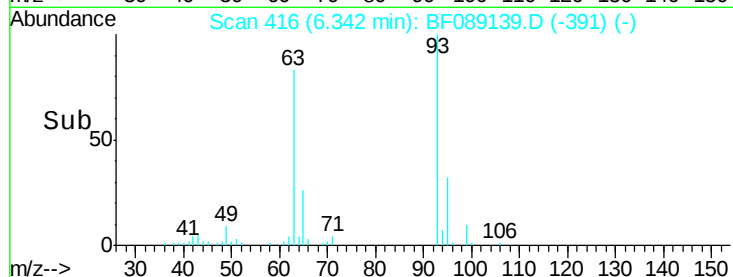
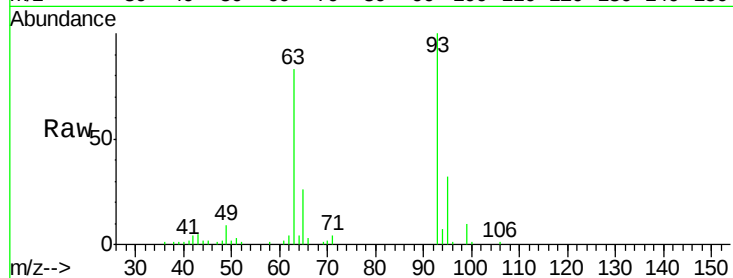
Tgt Ion: 93 Resp: 63243

Ion Ratio Lower Upper

93 100

63 82.8 47.3 87.3

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 13.54 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

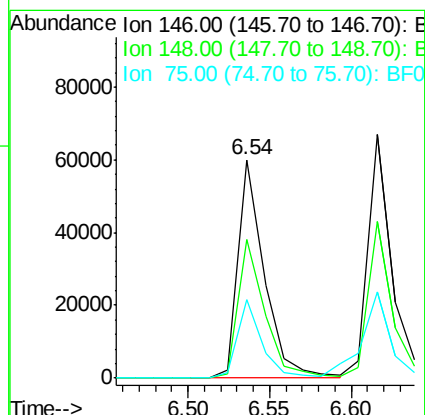
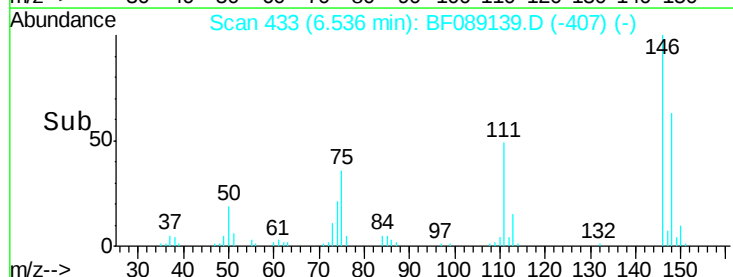
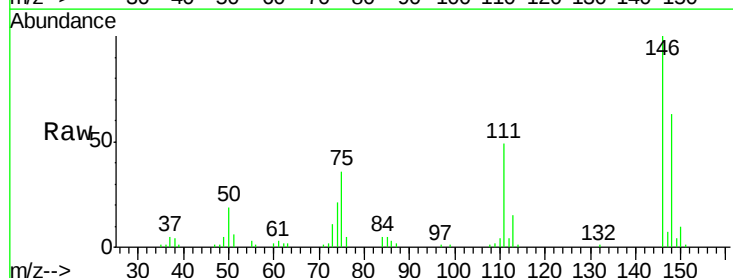
Tgt Ion: 146 Resp: 66823

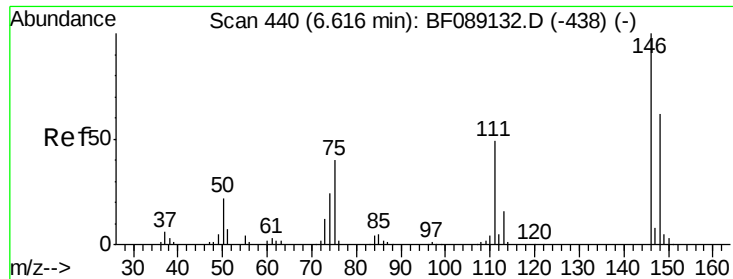
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

75 35.8 32.5 48.7

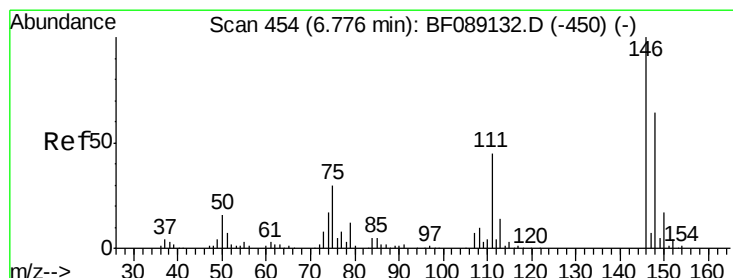
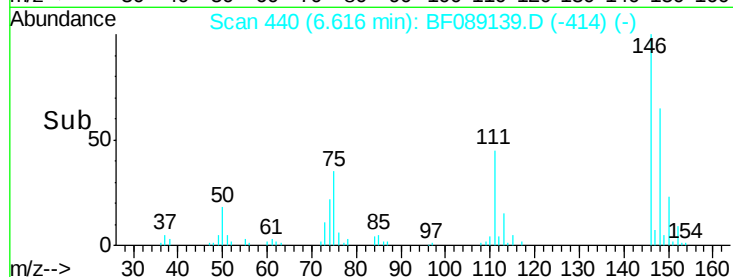
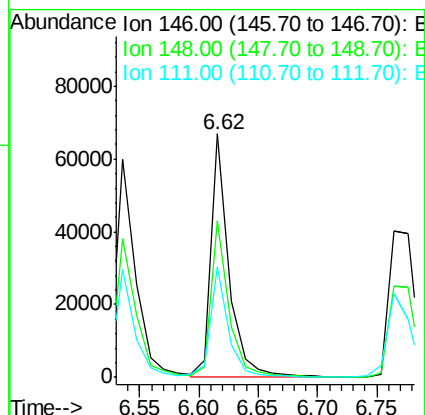
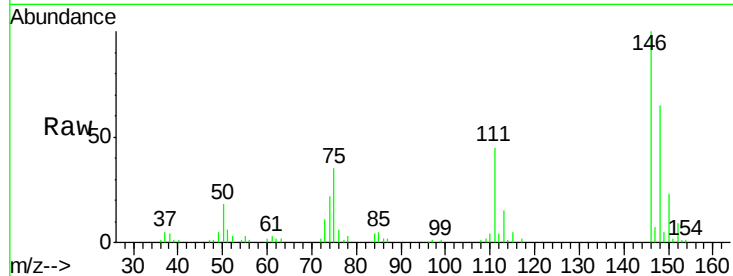




#13
 1,4-Dichlorobenzene
 Concen: 14.18 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

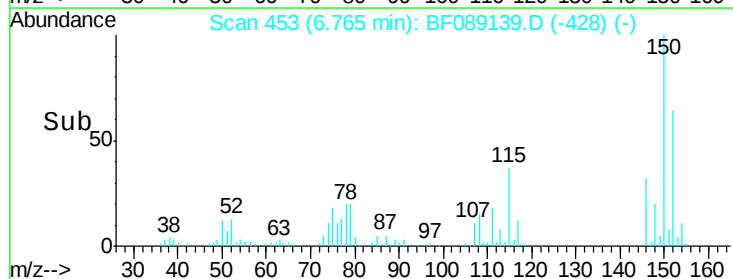
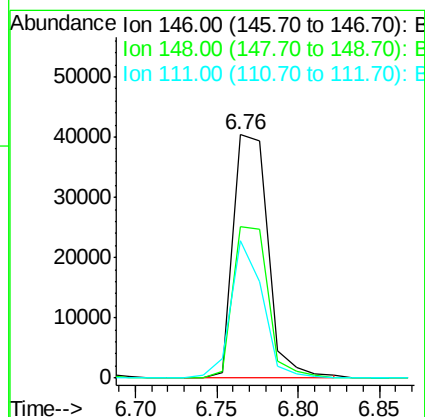
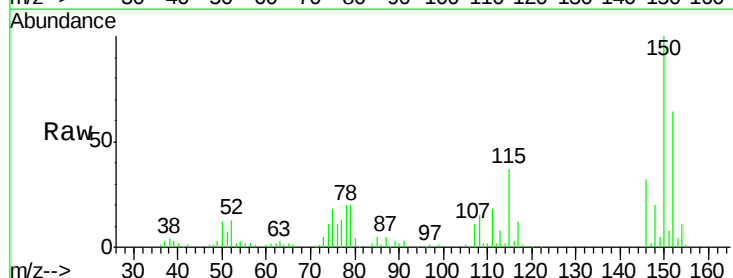
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

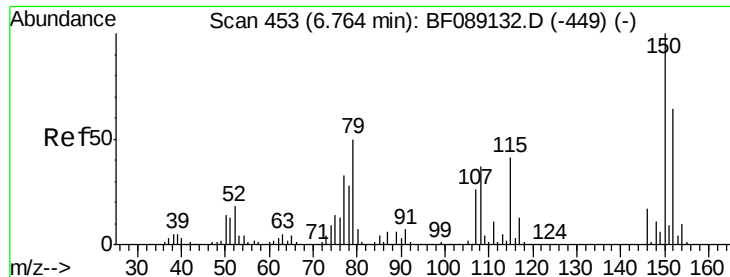
Tgt Ion:146 Resp: 70444
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.9 74.9
 111 45.4 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 12.93 ng m
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:146 Resp: 60571
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.4 77.0
 111 56.7 35.9 53.9#





#15

Benzyl Alcohol

Concen: 15.91 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

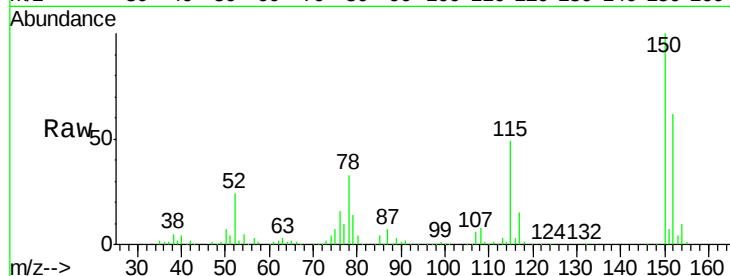
Tgt Ion: 79 Resp: 60511

Ion Ratio Lower Upper

79 100

108 60.2 58.2 87.4

77 68.9 52.2 78.4

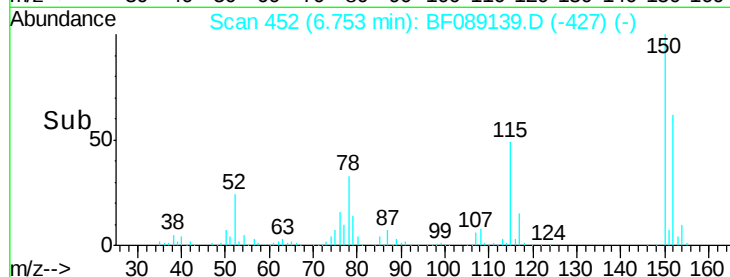


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



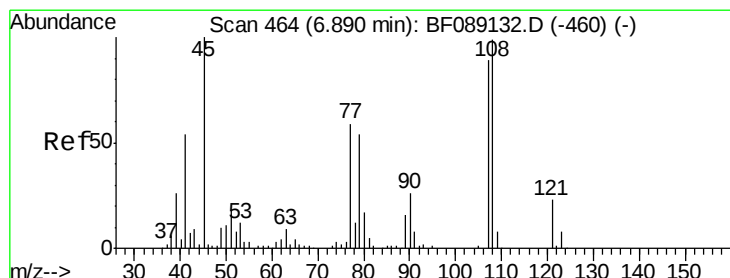
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.36 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

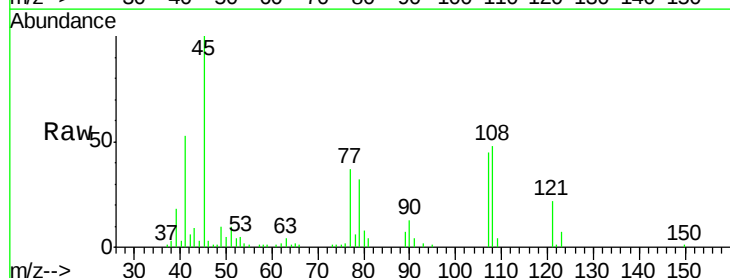
Tgt Ion: 45 Resp: 68408

Ion Ratio Lower Upper

45 100

77 36.7 39.7 79.7#

79 32.1 34.7 74.7#

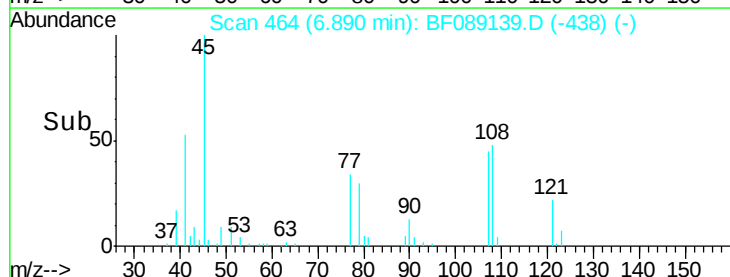


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



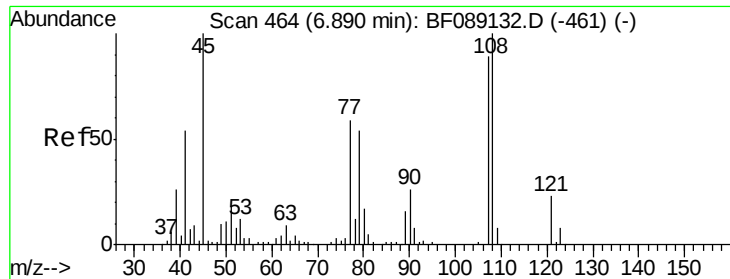
Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

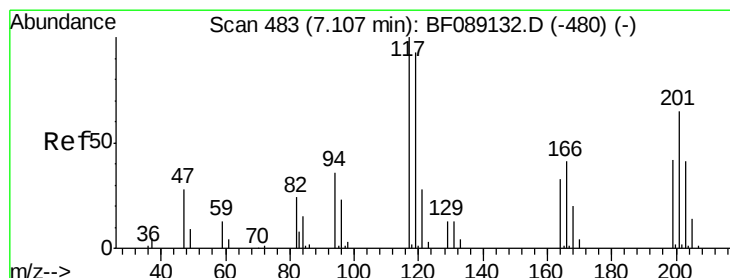
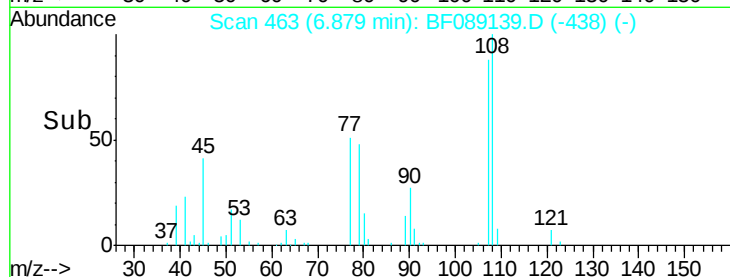
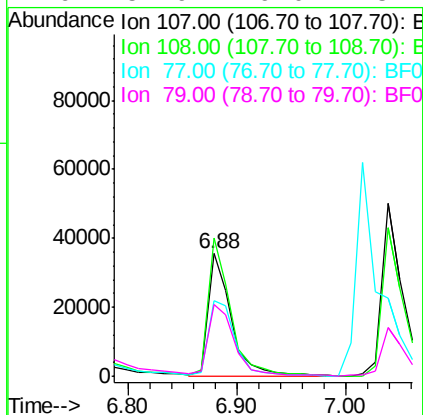
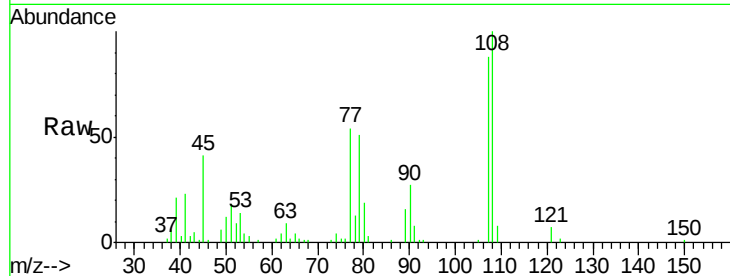
Time-->



#17
2-Methylphenol
Concen: 15.06 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

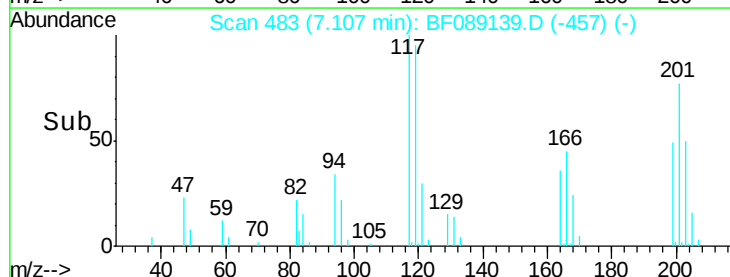
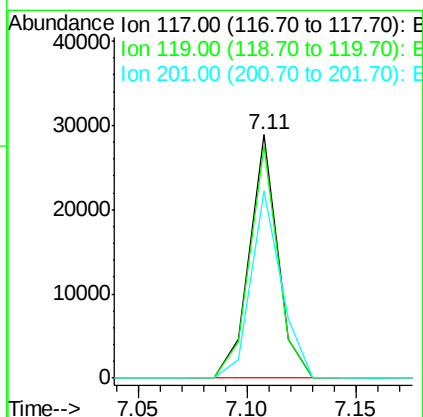
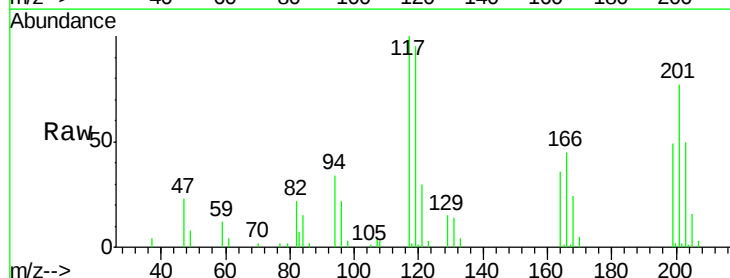
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

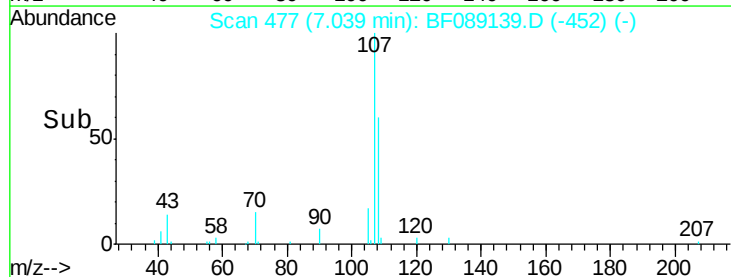
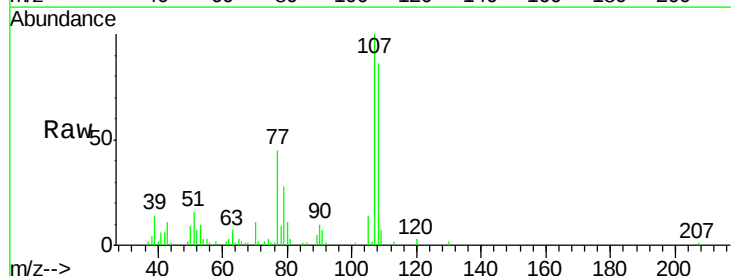
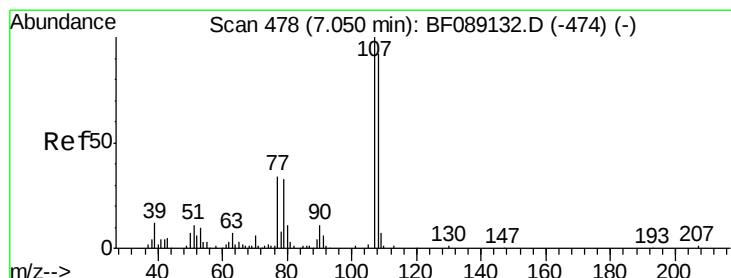
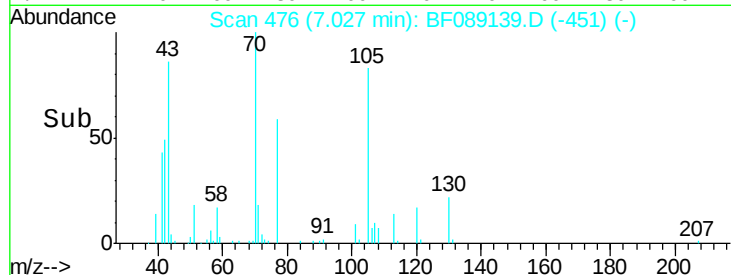
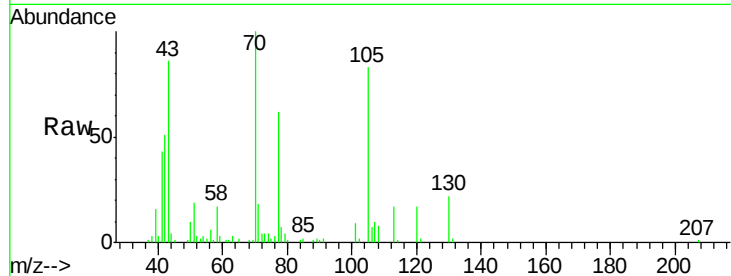
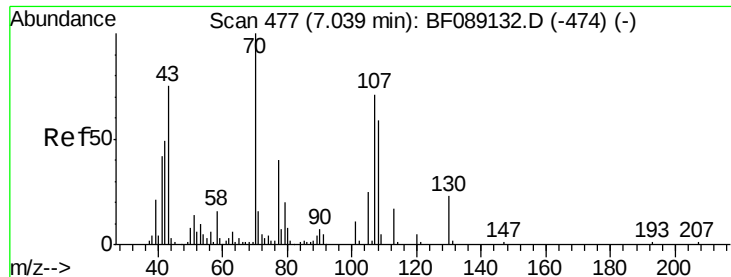
Tgt Ion:107 Resp: 52991
Ion Ratio Lower Upper
107 100
108 113.1 89.4 134.2
77 61.3 53.4 80.0
79 57.9 49.0 73.4



#18
Hexachloroethane
Concen: 13.96 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:117 Resp: 26077
Ion Ratio Lower Upper
117 100
119 95.5 74.5 111.7
201 76.7 51.8 77.6

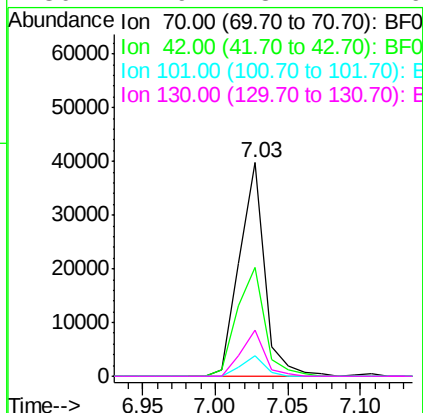




#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

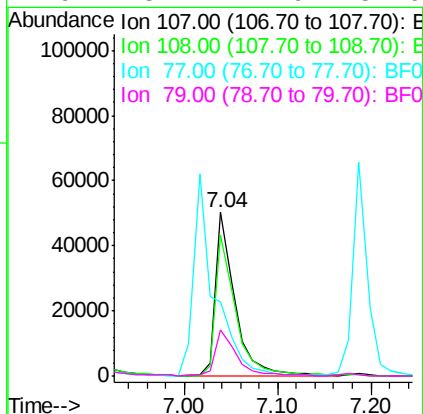
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

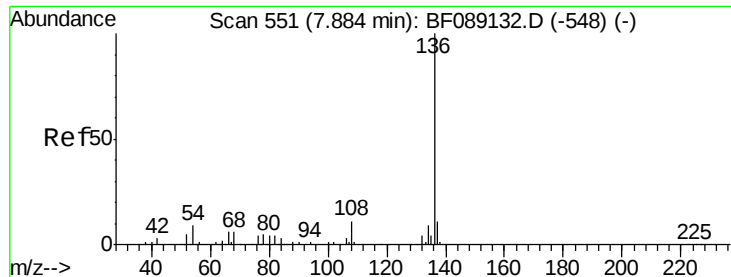
Tgt Ion: 70 Resp: 48422
Ion Ratio Lower Upper
70 100
42 50.9 39.2 58.8
101 9.5 8.5 12.7
130 21.9 18.4 27.6



#20
3+4-Methylphenols
Concen: 15.24 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:107 Resp: 72824
Ion Ratio Lower Upper
107 100
108 86.2 72.5 112.5
77 45.2 17.7 57.7
79 28.2 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: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:136 Resp: 265005

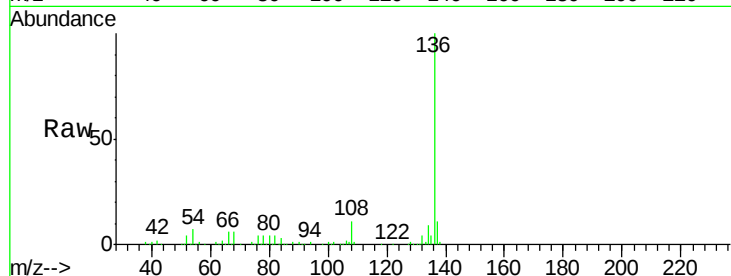
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.2 7.0 10.4

68 6.0 5.0 7.6

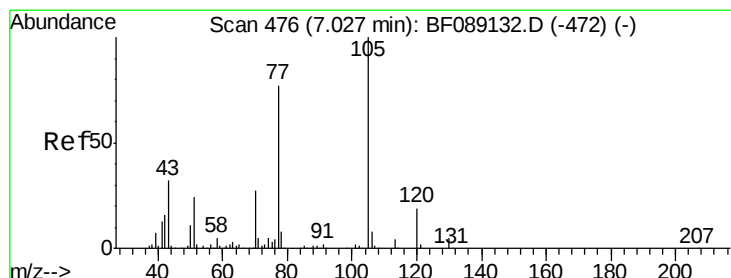
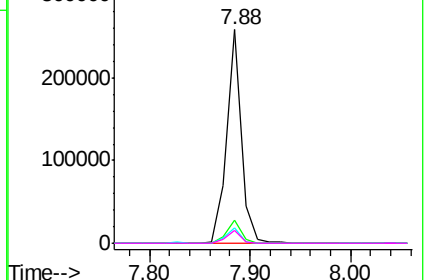
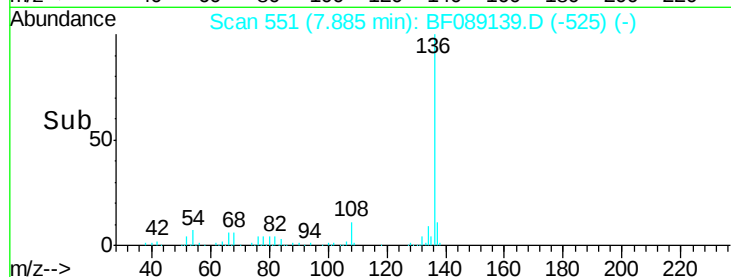


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 13.34 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Tgt Ion:105 Resp: 94385

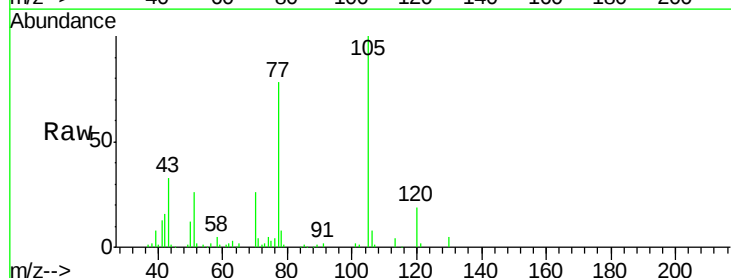
Ion Ratio Lower Upper

105 100

71 4.5 3.8 5.6

51 25.8 19.6 29.4

120 18.6 15.5 23.3

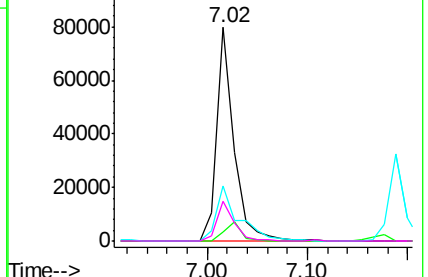
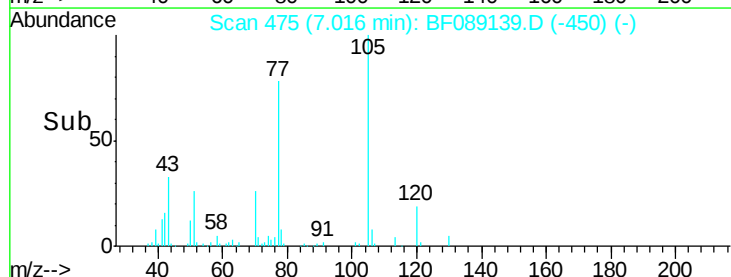


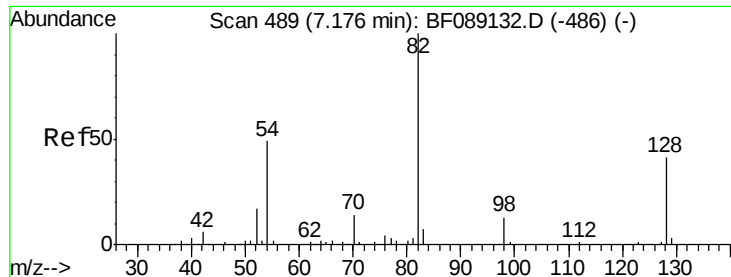
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

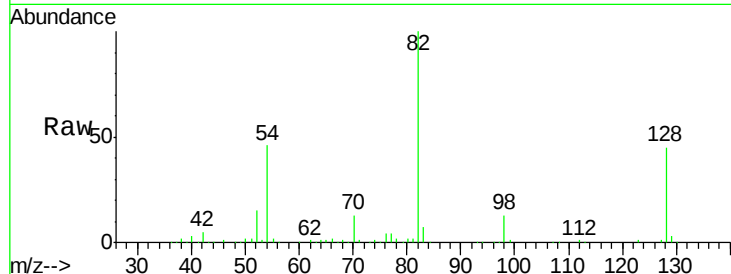




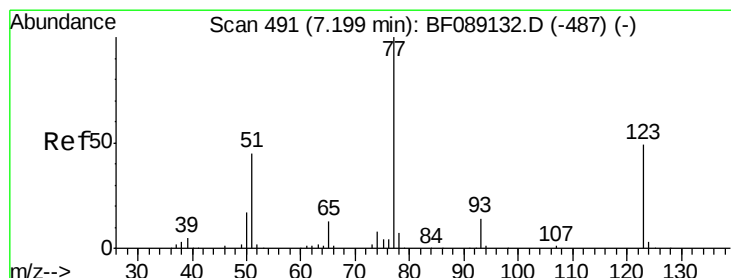
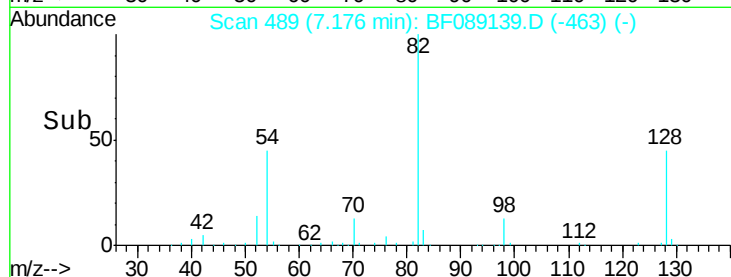
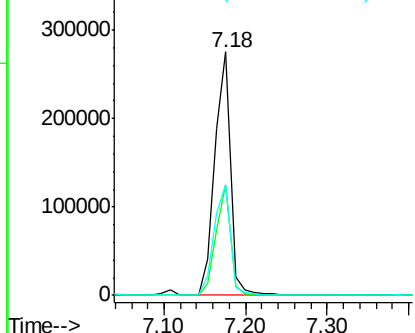
#23
 Nitrobenzene-d5
 Concen: 74.39 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 82 Resp: 371010
 Ion Ratio Lower Upper
 82 100
 128 45.3 33.0 49.6
 54 45.6 39.0 58.4

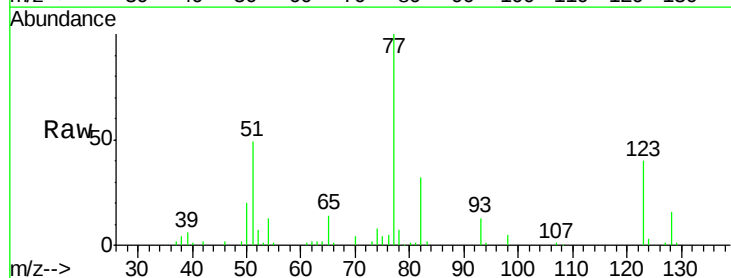


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

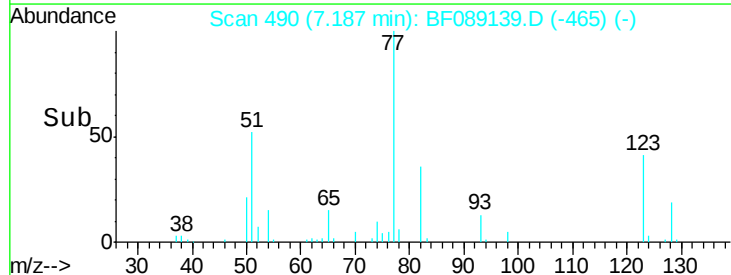
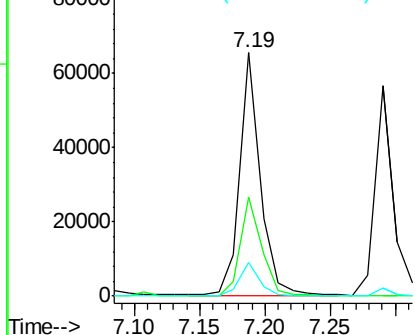


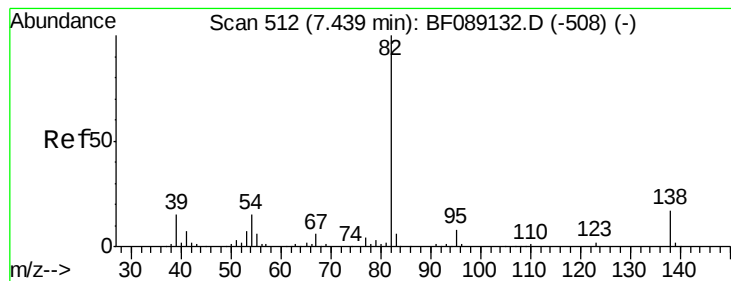
#24
 Nitrobenzene
 Concen: 13.60 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion: 77 Resp: 71533
 Ion Ratio Lower Upper
 77 100
 123 40.4 38.9 58.3
 65 13.7 10.6 15.8



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





#25

Isophorone

Concen: 14.10 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

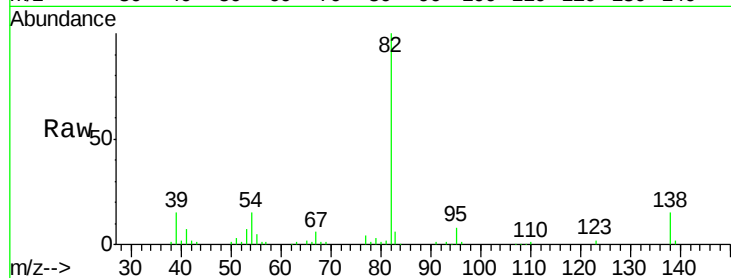
Tgt Ion: 82 Resp: 129577

Ion Ratio Lower Upper

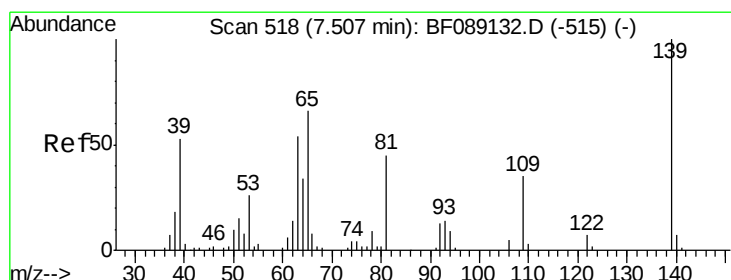
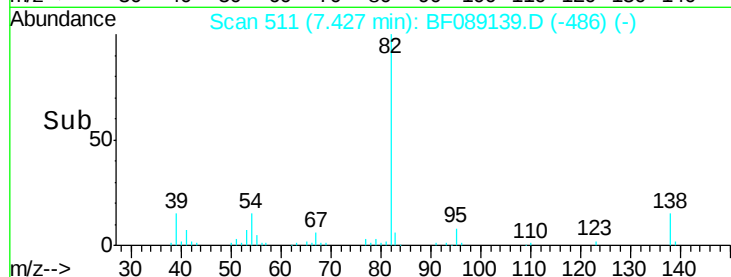
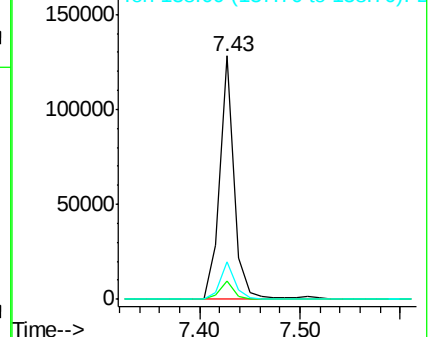
82 100

95 7.6 6.1 9.1

138 15.3 13.6 20.4



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



#26

2-Nitrophenol

Concen: 14.13 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

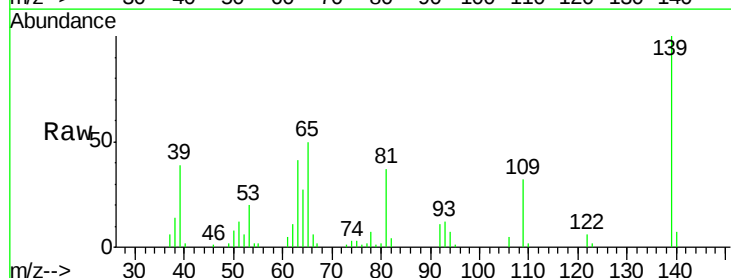
Tgt Ion: 139 Resp: 34677

Ion Ratio Lower Upper

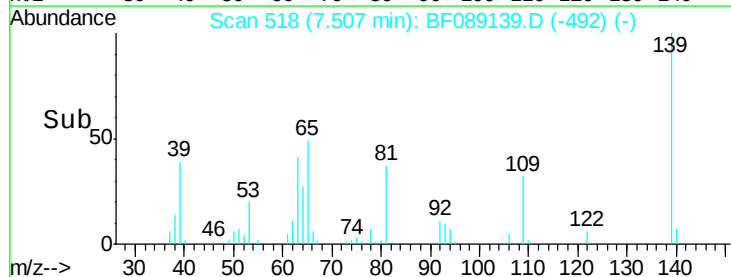
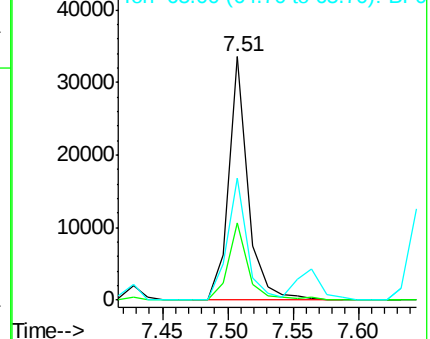
139 100

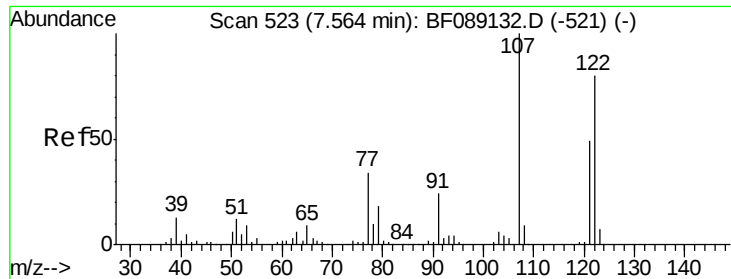
109 31.7 28.1 42.1

65 50.2 52.7 79.1#



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

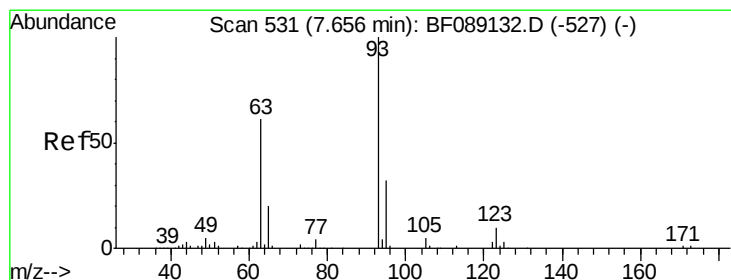
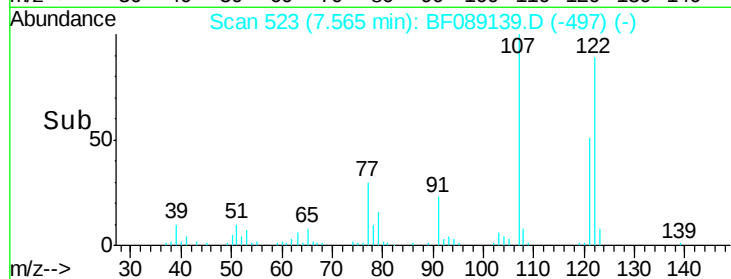
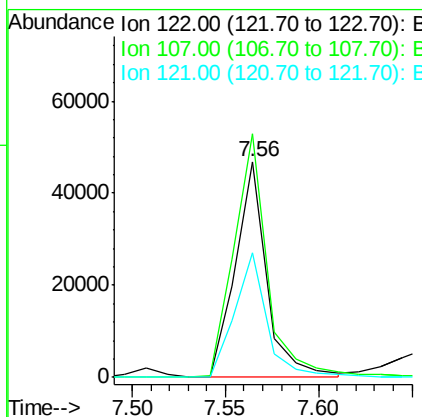
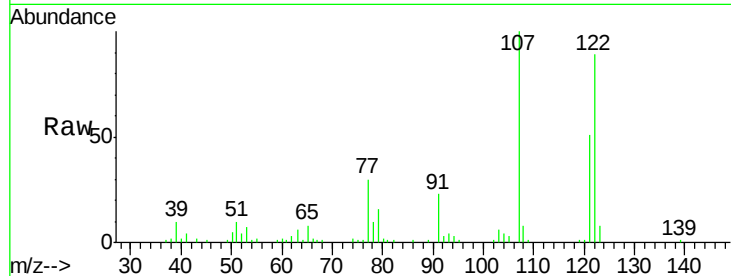




#27
 2,4-Dimethylphenol
 Concen: 13.40 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

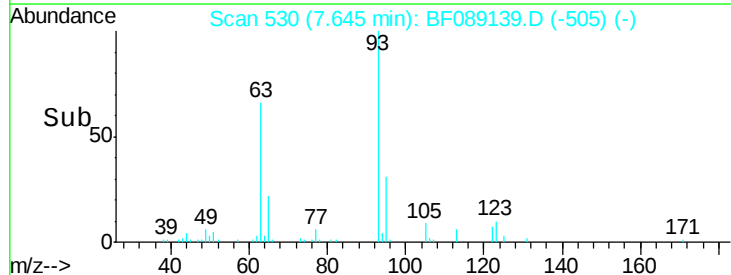
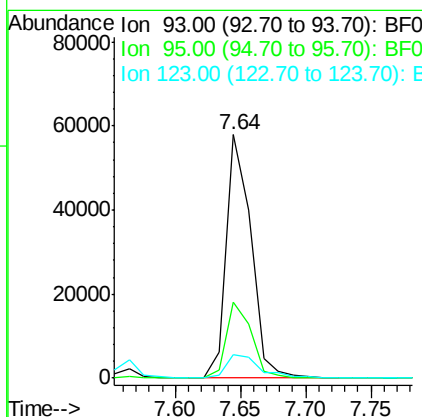
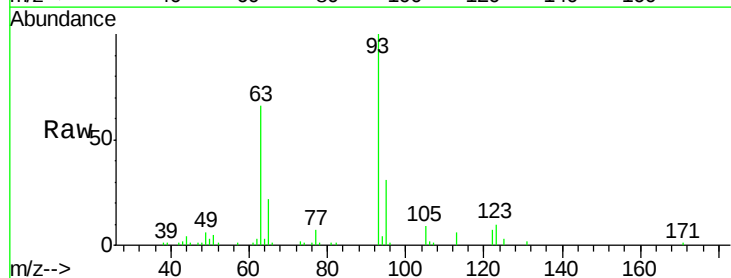
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

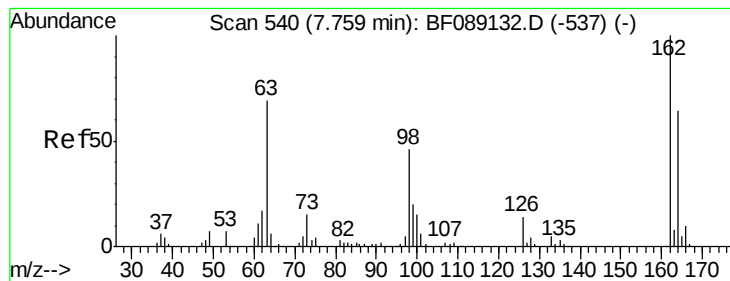
Tgt Ion:122 Resp: 55381
 Ion Ratio Lower Upper
 122 100
 107 112.9 99.7 149.5
 121 58.0 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 13.31 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion: 93 Resp: 76526
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.4 38.0
 123 9.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 13.98 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

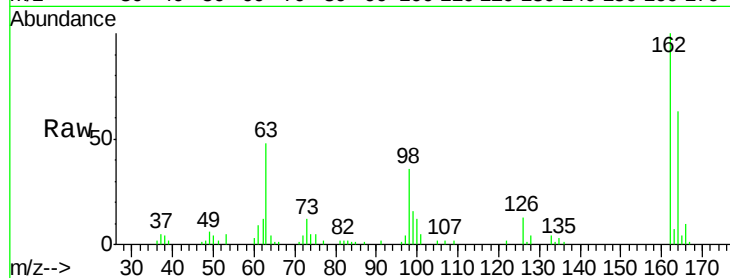
Tgt Ion:162 Resp: 52089

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

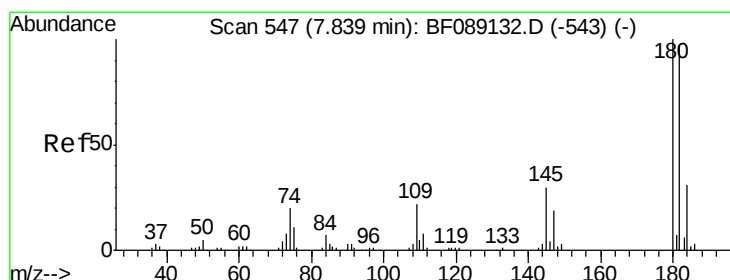
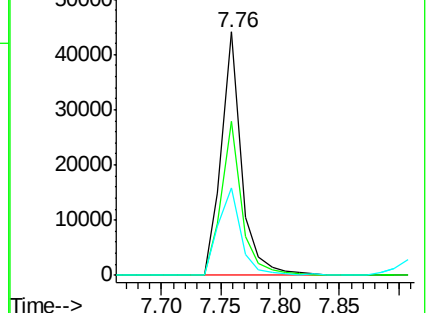
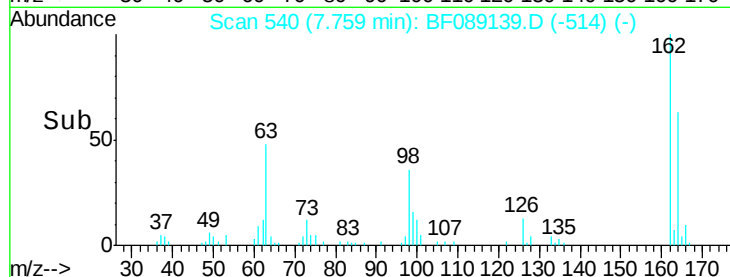
98 35.8 26.0 66.0



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: 13.32 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

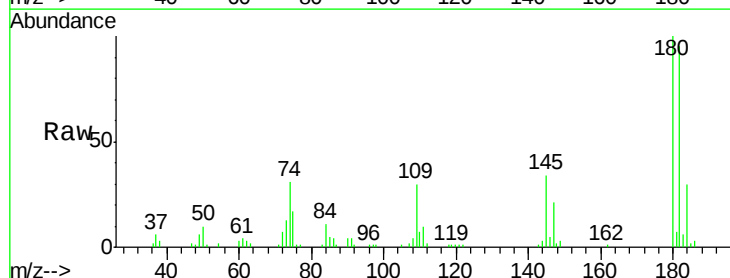
Tgt Ion:180 Resp: 54924

Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

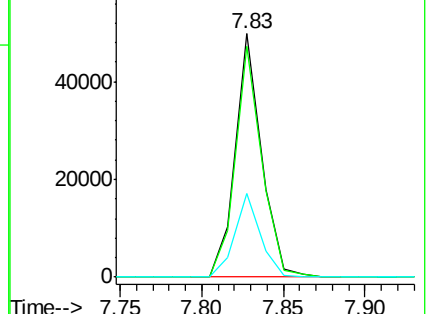
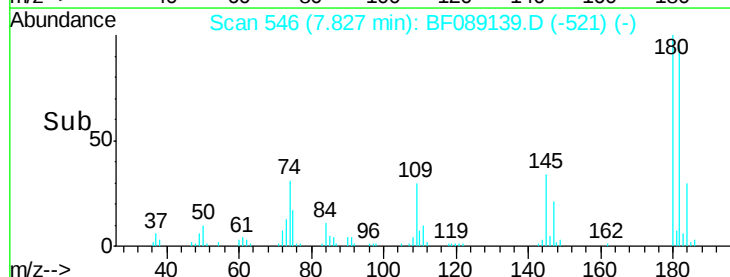
145 34.4 24.0 36.0

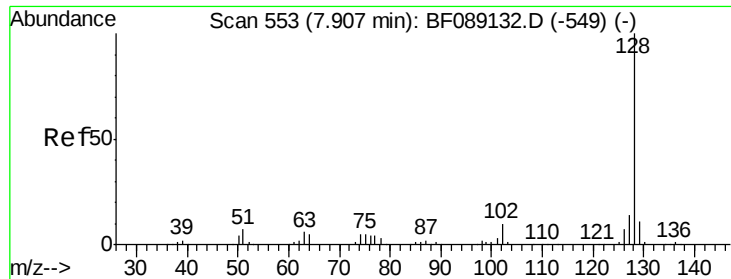


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

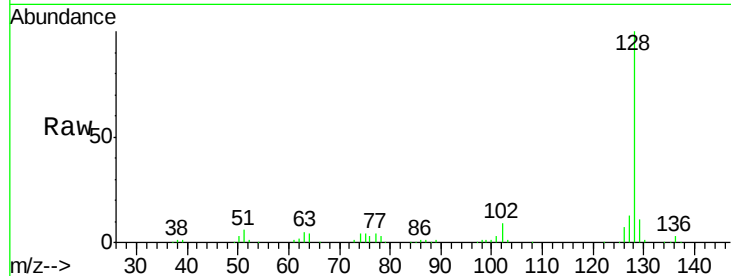




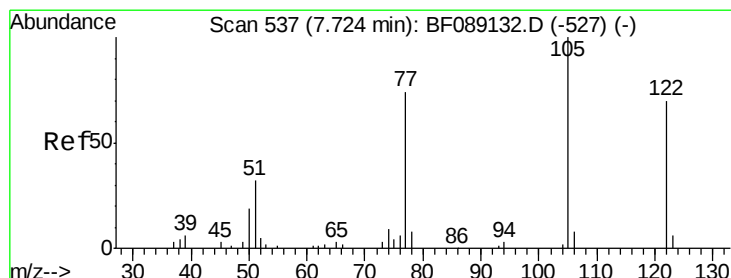
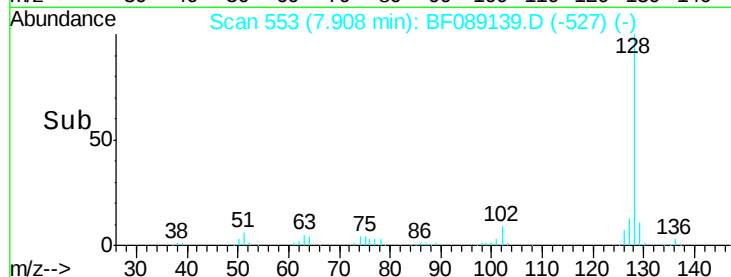
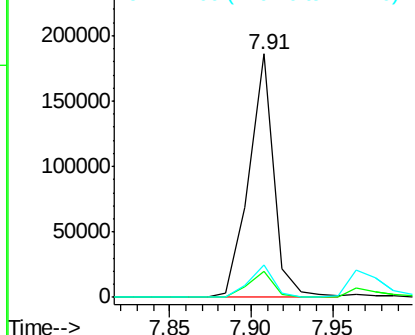
#31
Naphthalene
Concen: 13.81 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:128 Resp: 197462
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.8 16.2

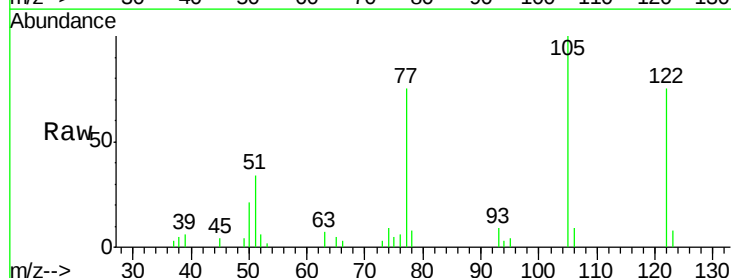


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

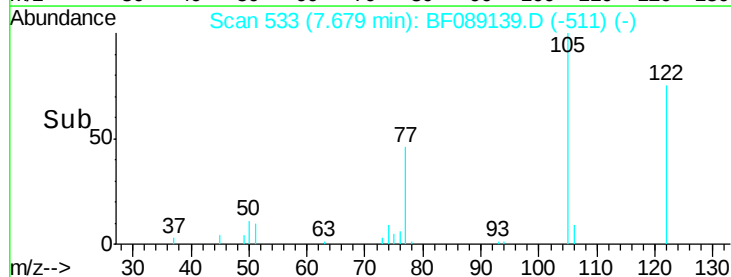
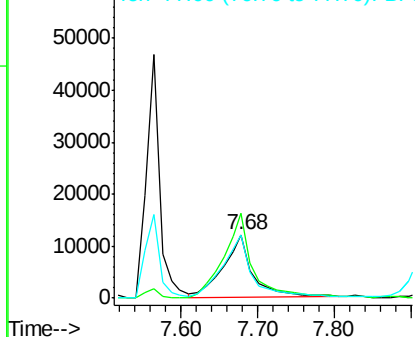


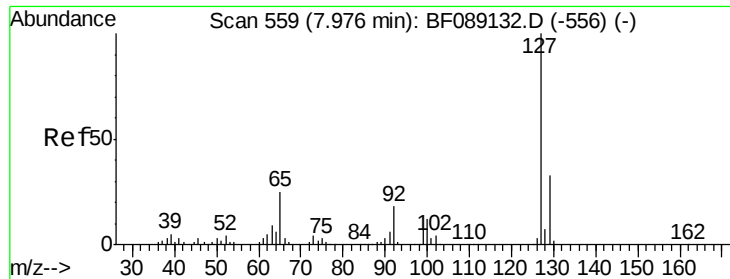
#32
Benzoic acid
Concen: 9.86 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.05 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:122 Resp: 31341
Ion Ratio Lower Upper
122 100
105 133.3 119.0 159.0
77 100.0 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

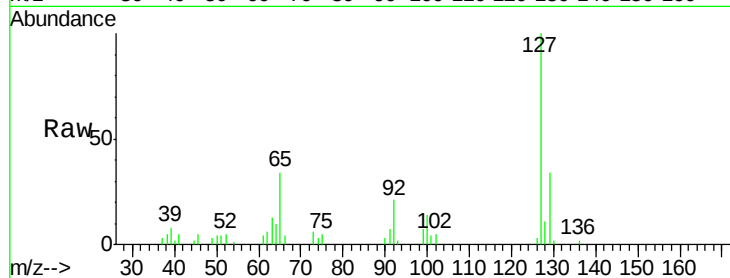




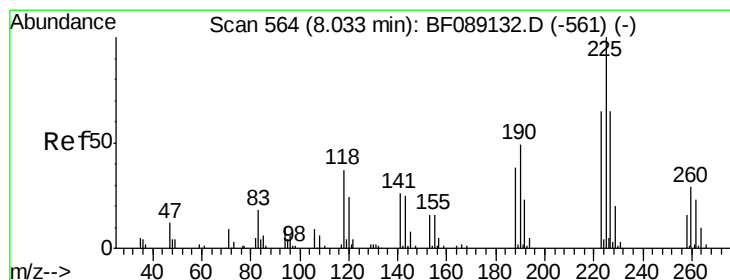
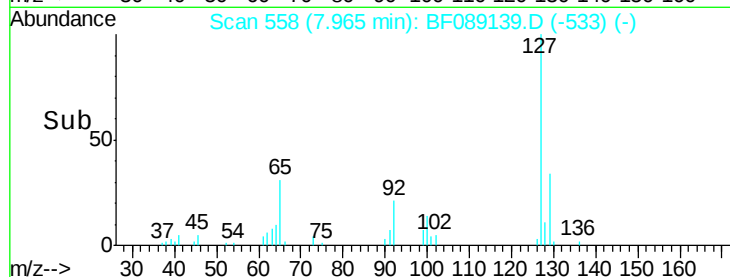
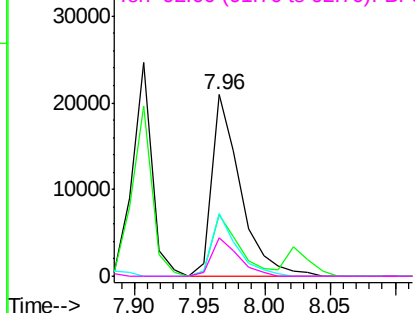
#33
4-Chloroaniline
Concen: 5.36 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	127	Resp:	32227
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	34.2	19.7	29.5
92	20.8	14.3	21.5

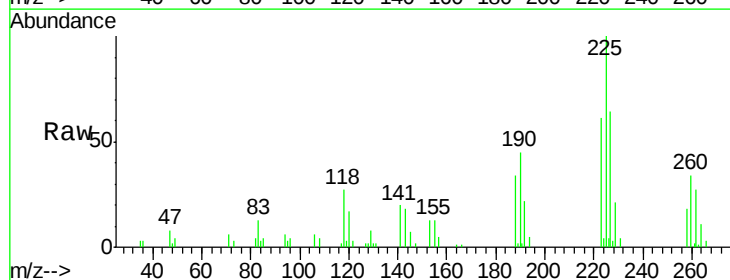


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

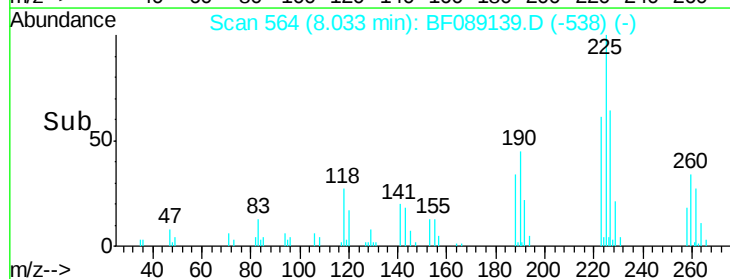
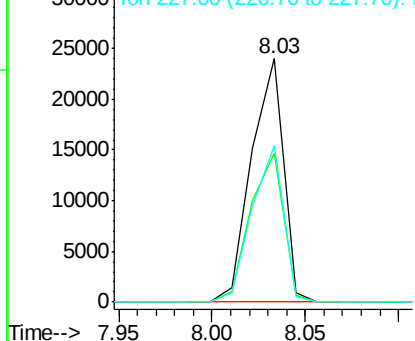


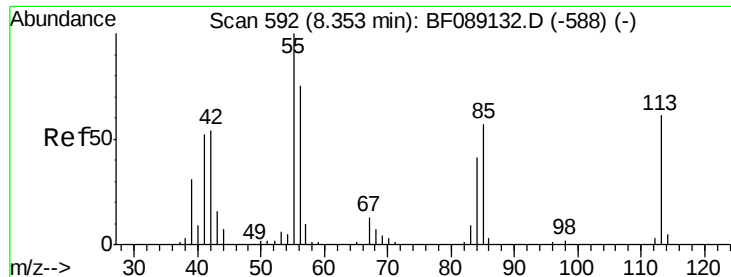
#34
Hexachlorobutadiene
Concen: 12.45 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:	225	Resp:	28569
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.6	77.4
227	64.3	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: 15.43 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.03 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

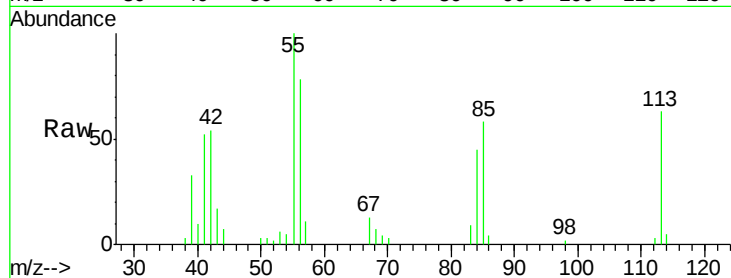
Tgt Ion:113 Resp: 17848

Ion Ratio Lower Upper

113 100

55 157.8 145.3 185.3

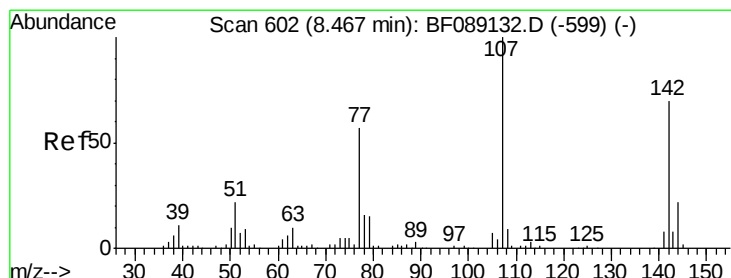
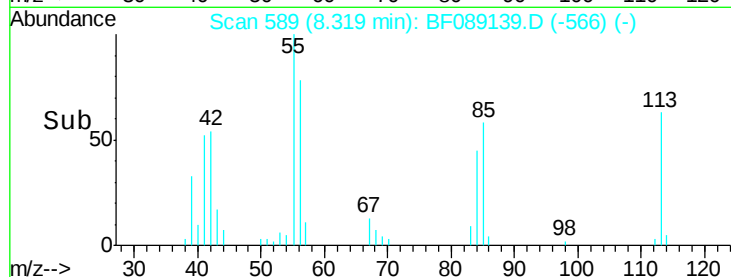
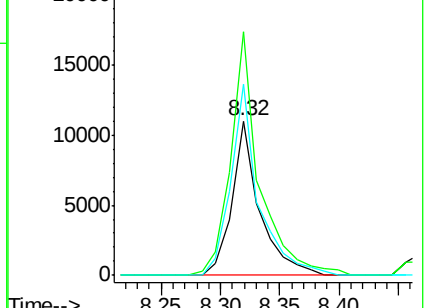
56 123.6 104.3 144.3



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: 13.43 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

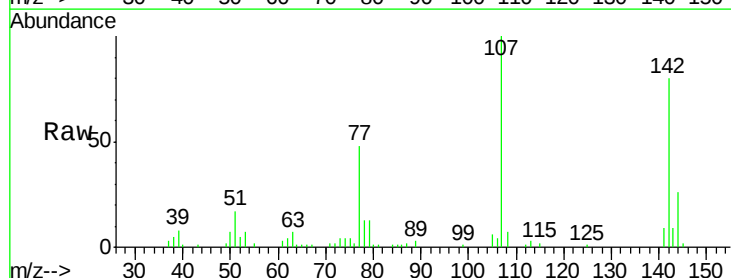
Tgt Ion:107 Resp: 60287

Ion Ratio Lower Upper

107 100

144 26.4 17.8 26.6

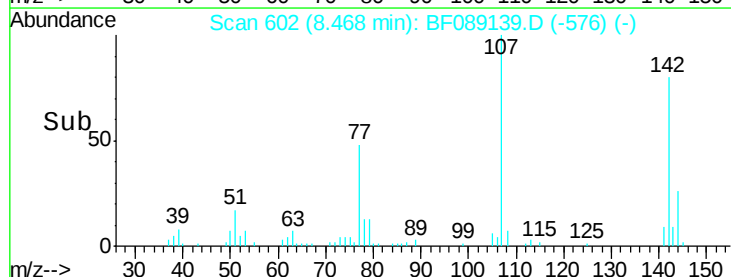
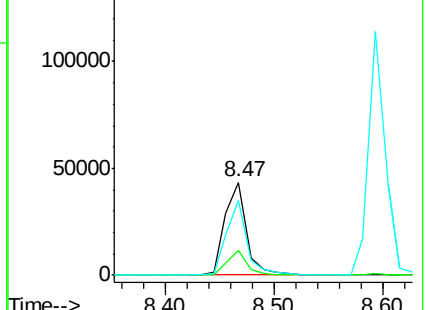
142 79.8 56.1 84.1

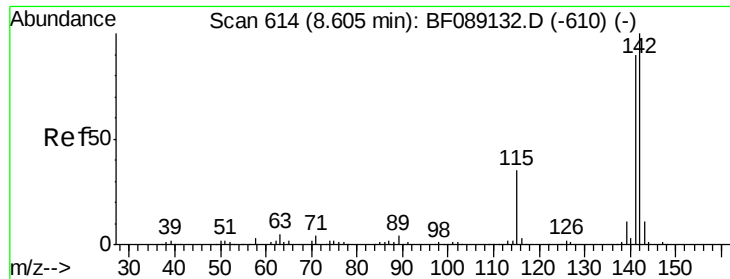


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

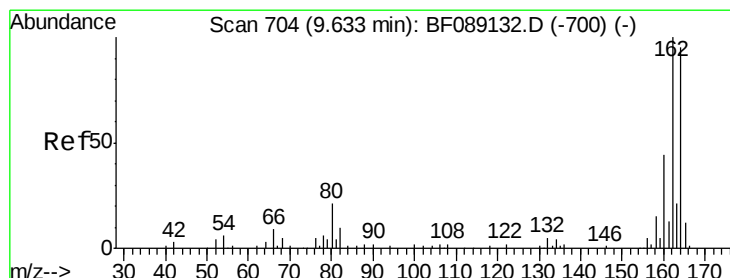
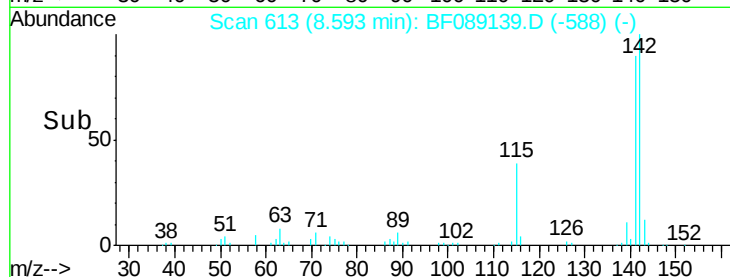
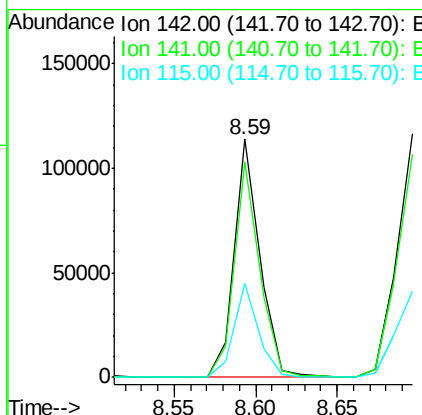
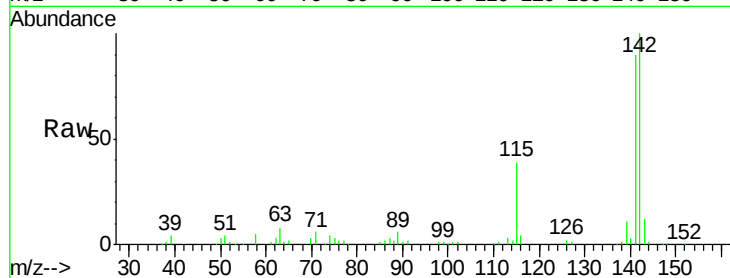




#37
 2-Methylnaphthalene
 Concen: 13.51 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

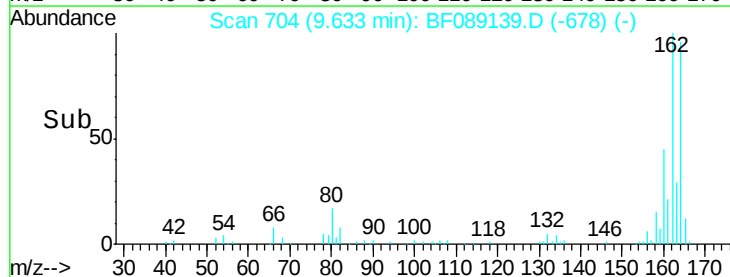
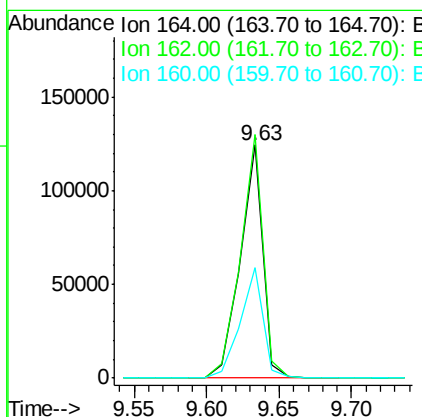
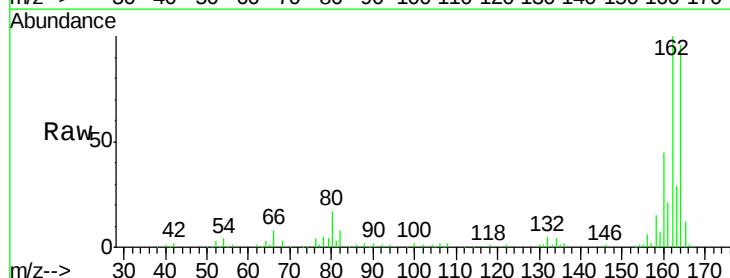
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

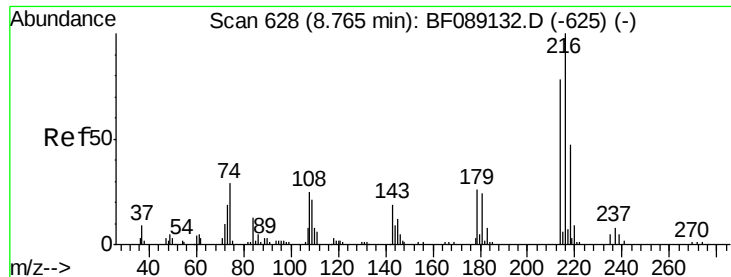
Tgt Ion:142 Resp: 123272
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.6 107.4
 115 39.4 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:164 Resp: 134273
 Ion Ratio Lower Upper
 164 100
 162 104.4 84.1 126.1
 160 47.2 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.34 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:216 Resp: 56588

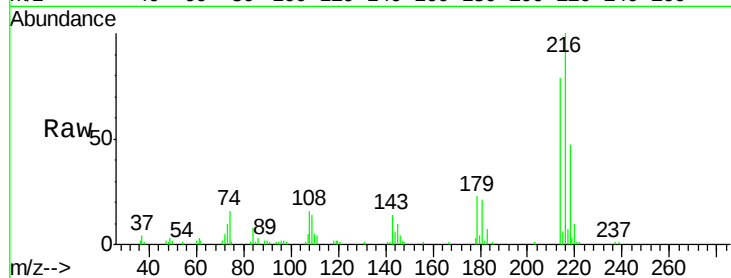
Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

179 23.2 18.4 27.6

108 19.3 17.0 25.6

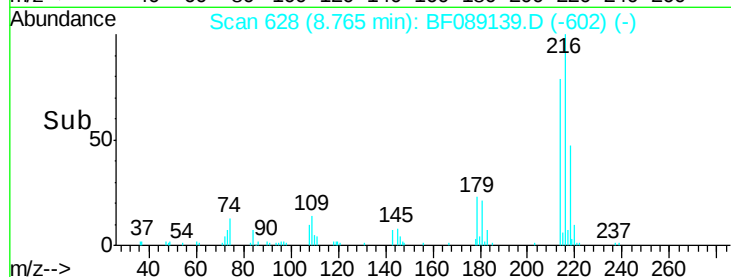


Abundance Ion 216.00 (215.70 to 216.70): E

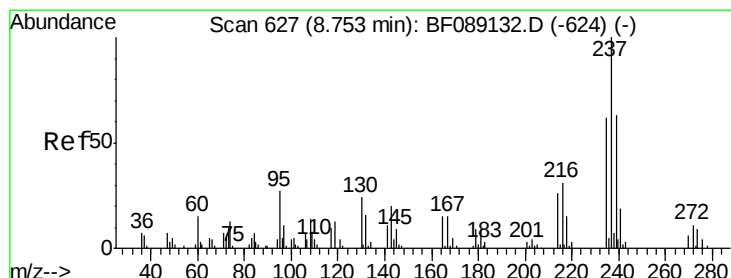
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 16.00 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

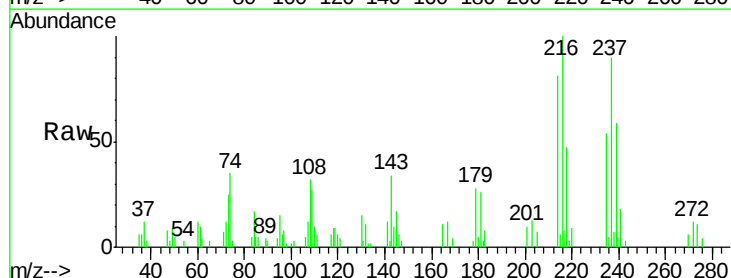
Tgt Ion:237 Resp: 14092

Ion Ratio Lower Upper

237 100

235 60.2 42.1 82.1

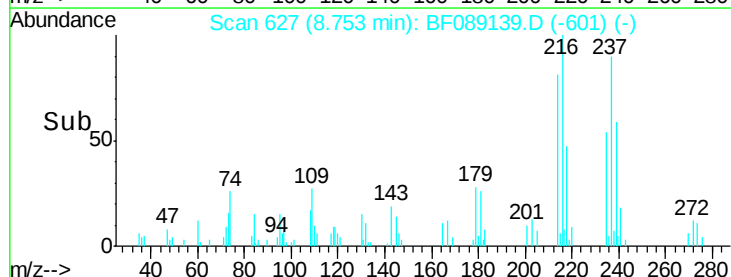
272 13.0 0.0 31.4



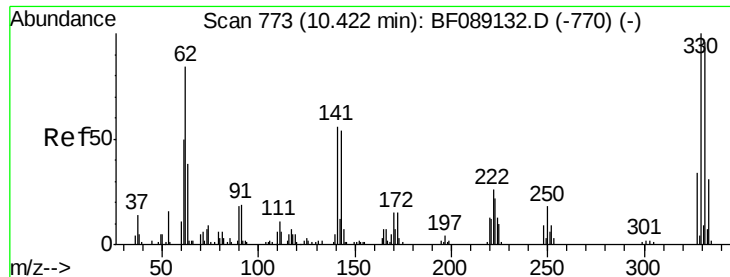
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



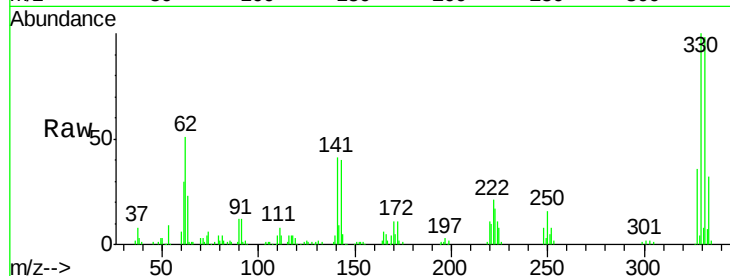
Time-->



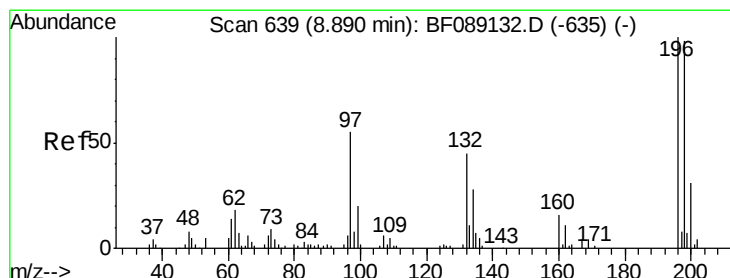
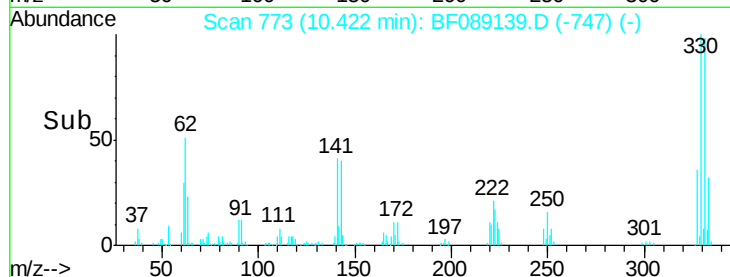
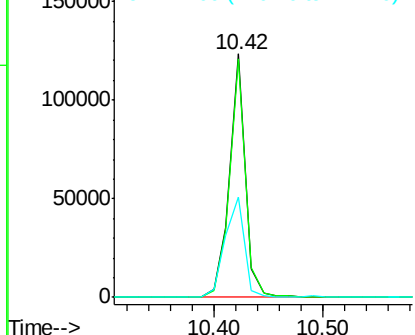
#41
 2,4,6-Tribromophenol
 Concen: 103.57 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:330 Resp: 125211
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 49.8 42.2 63.2

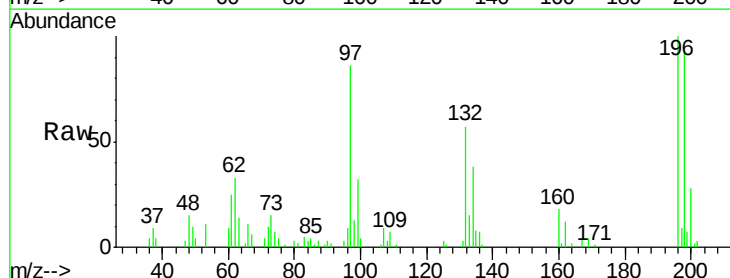


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

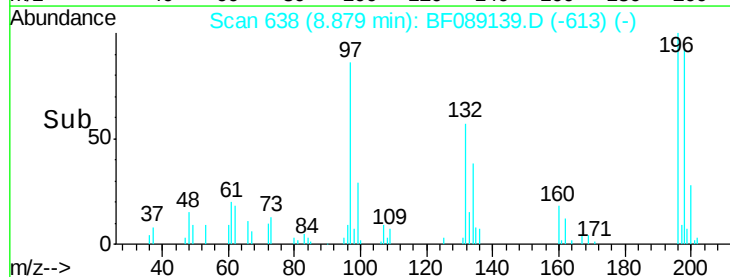
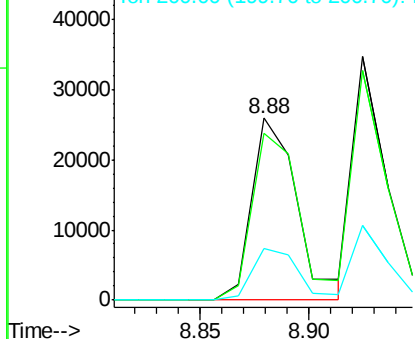


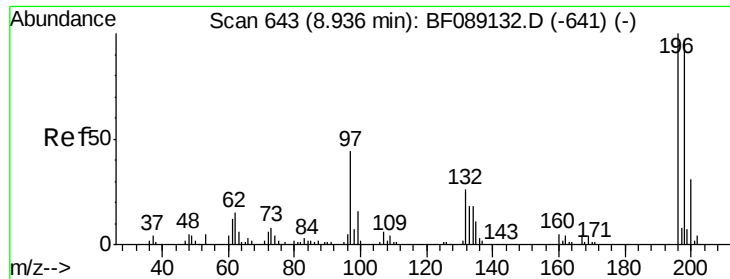
#42
 2,4,6-Trichlorophenol
 Concen: 13.46 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:196 Resp: 37600
 Ion Ratio Lower Upper
 196 100
 198 91.8 78.3 117.5
 200 28.1 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

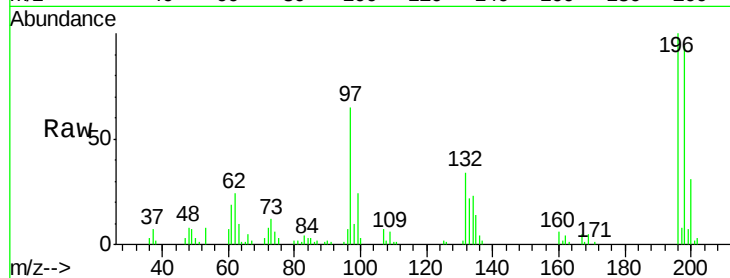




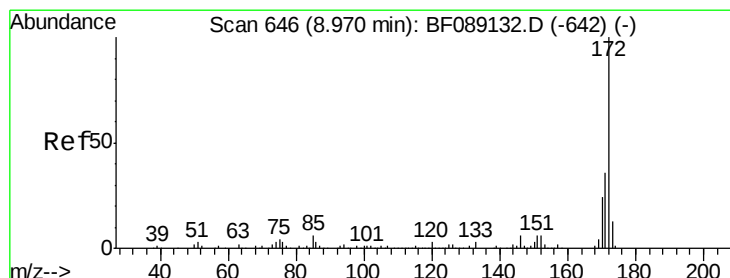
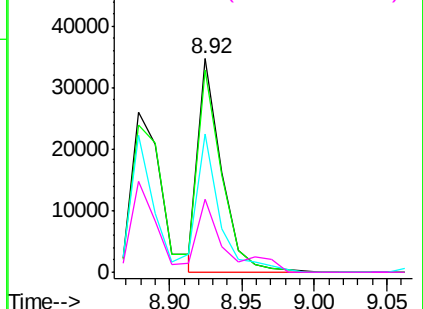
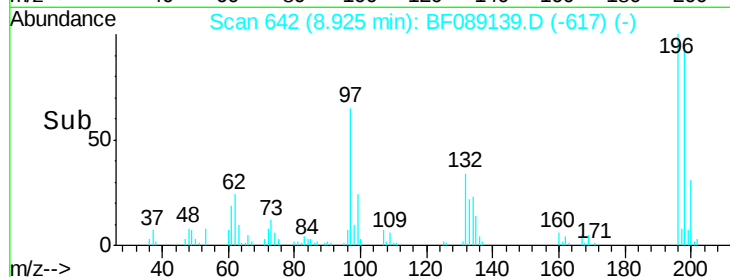
#43
 2,4,5-Trichlorophenol
 Concen: 13.99 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 39232
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.6 116.4
 97 64.5 36.5 54.7#
 132 34.2 21.2 31.8#

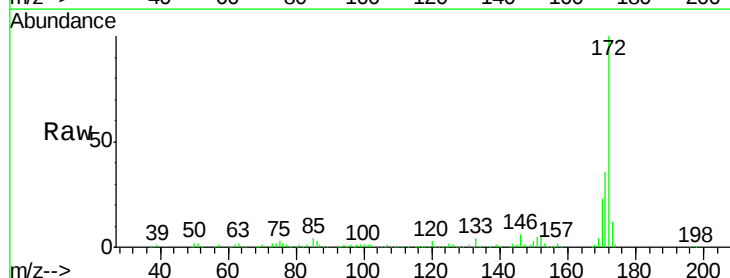


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

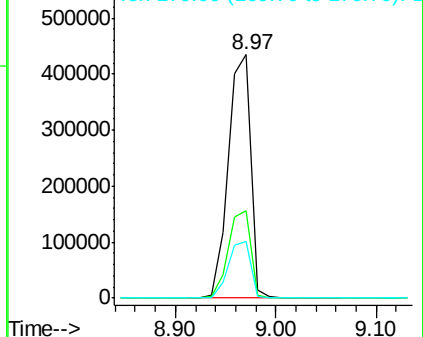
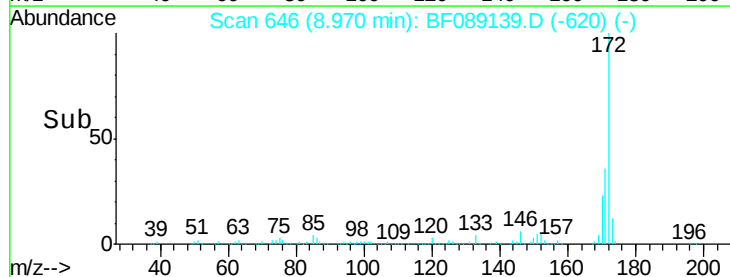


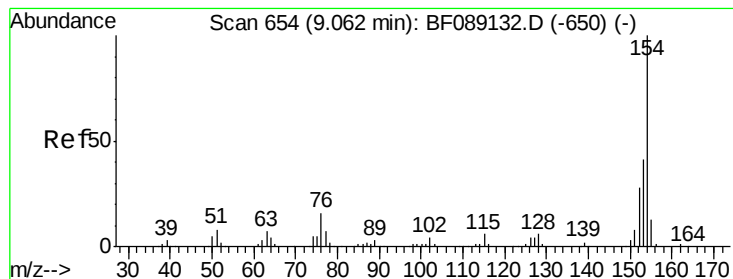
#44
 2-Fluorobiphenyl
 Concen: 69.12 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:172 Resp: 673600
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 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: 13.35 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

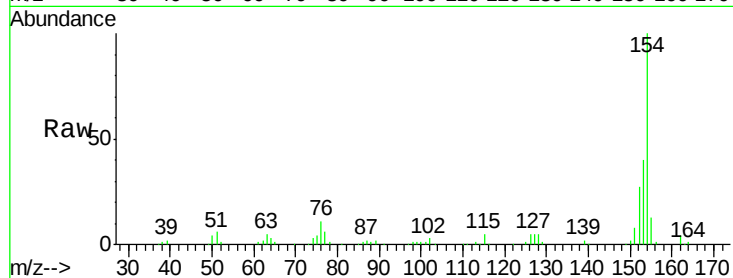
Tgt Ion:154 Resp: 161476

Ion Ratio Lower Upper

154 100

153 40.3 21.1 61.1

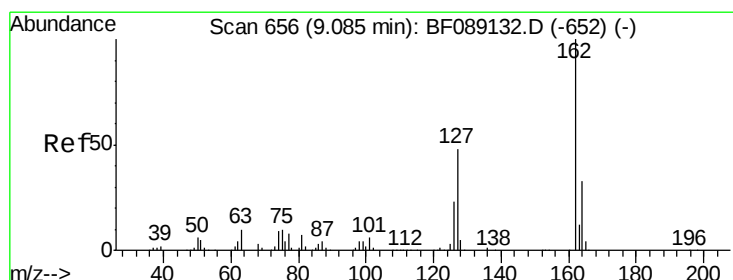
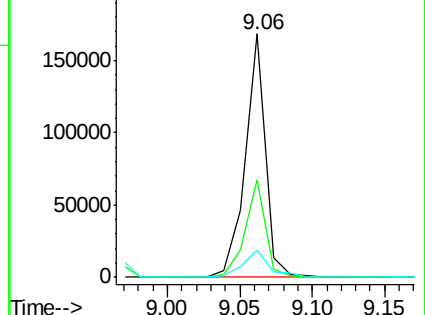
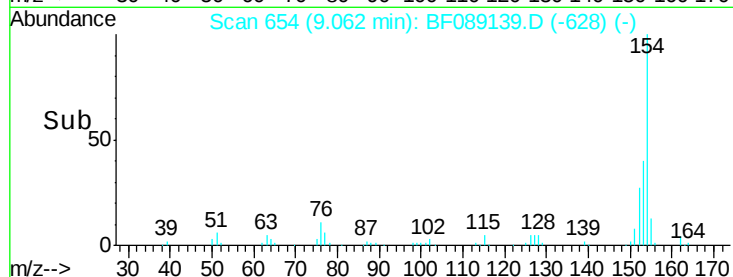
76 11.2 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 13.08 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

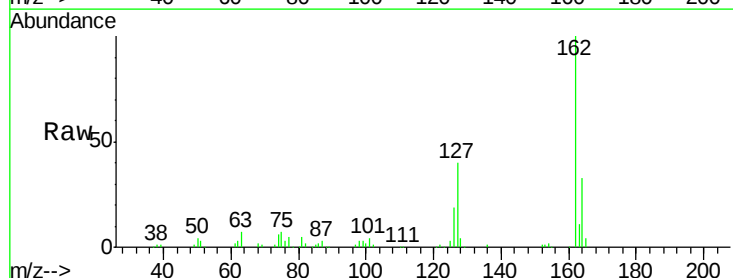
Tgt Ion:162 Resp: 120221

Ion Ratio Lower Upper

162 100

127 40.5 38.1 57.1

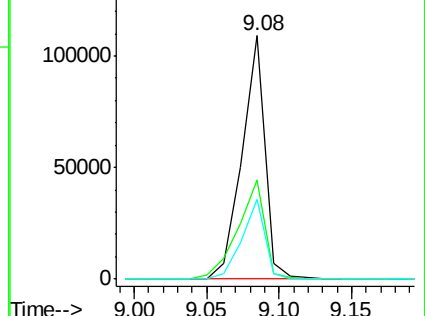
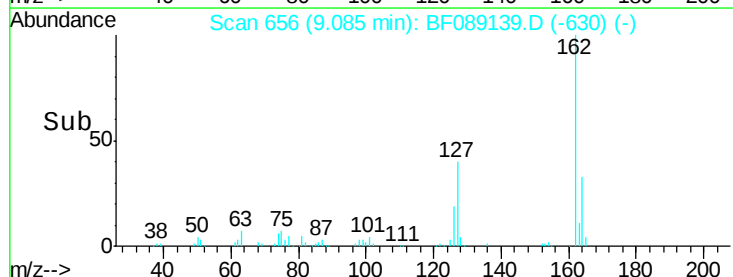
164 32.5 26.1 39.1

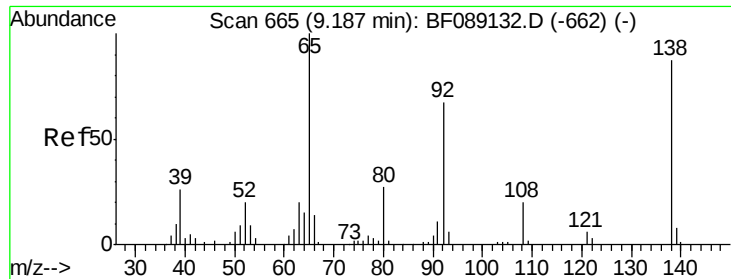


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

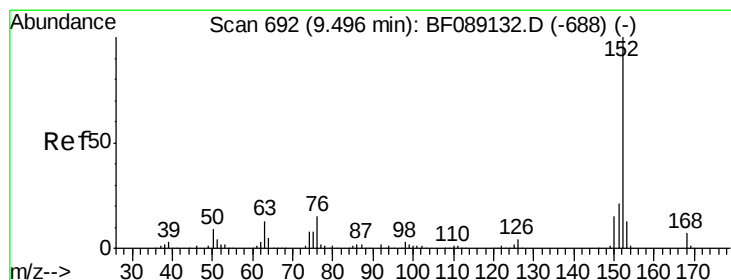
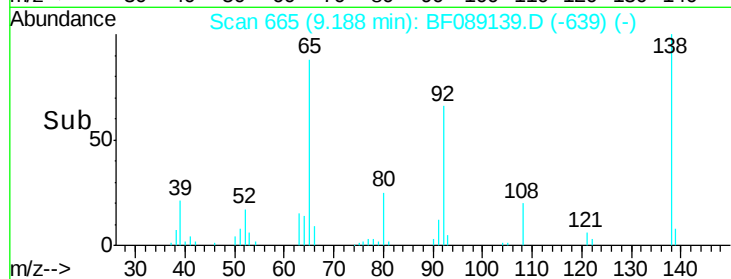
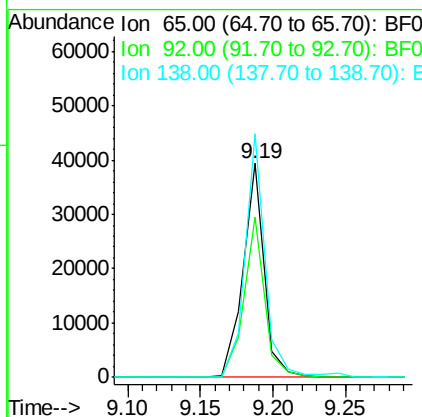
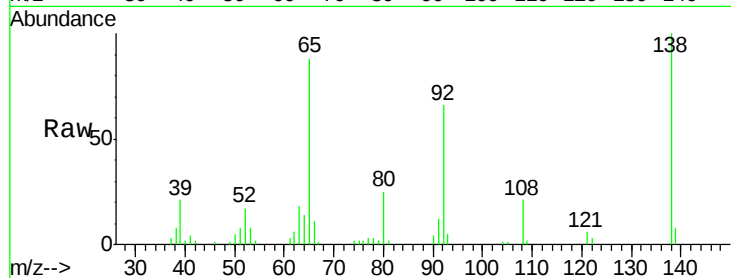




#47
2-Nitroaniline
Concen: 12.61 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

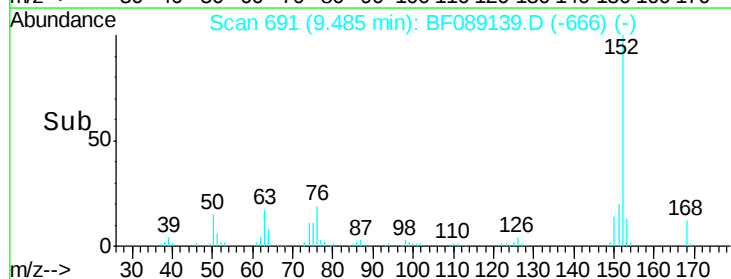
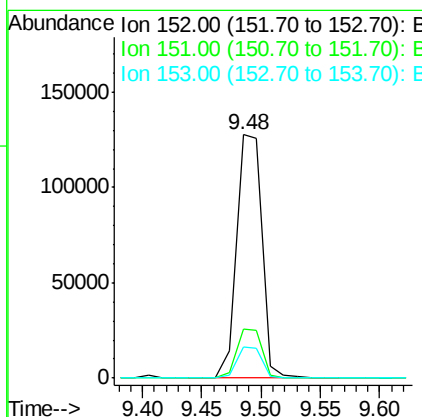
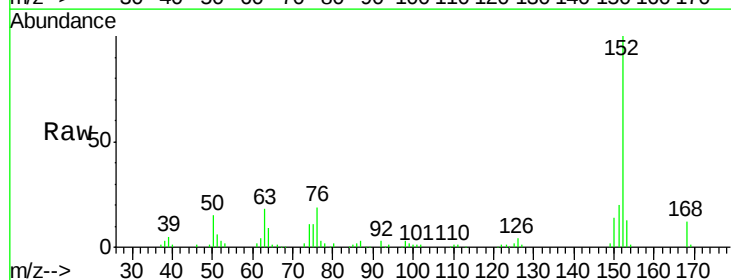
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

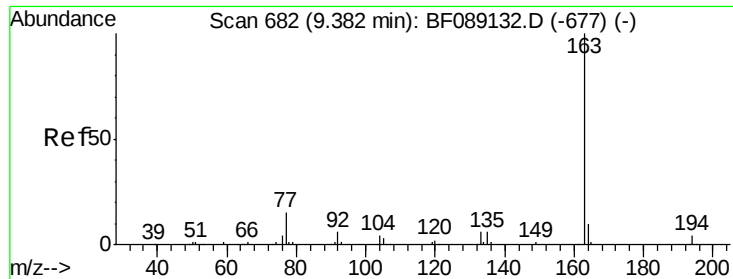
Tgt Ion: 65 Resp: 39738
Ion Ratio Lower Upper
65 100
92 74.8 53.2 79.8
138 113.9 69.4 104.2#



#48
Acenaphthylene
Concen: 13.15 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion: 152 Resp: 189954
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.0 10.7 16.1

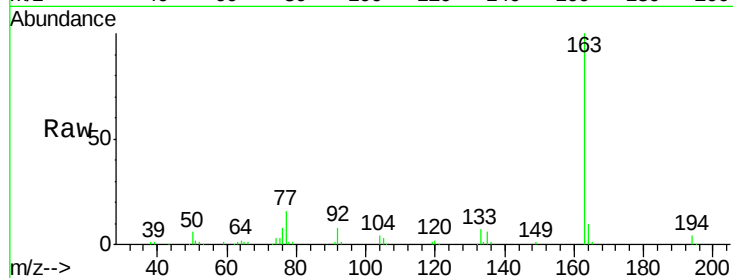




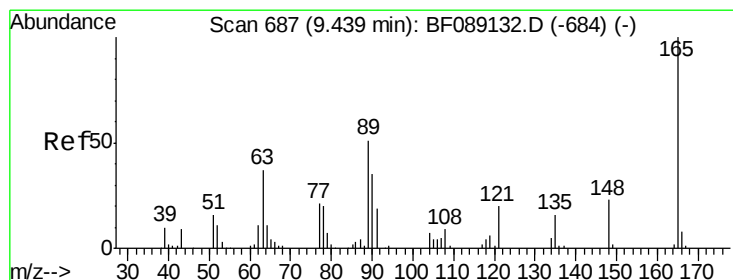
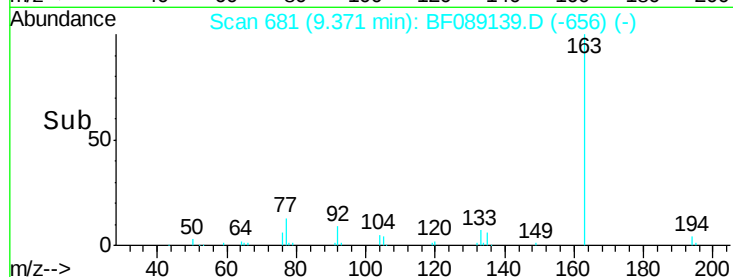
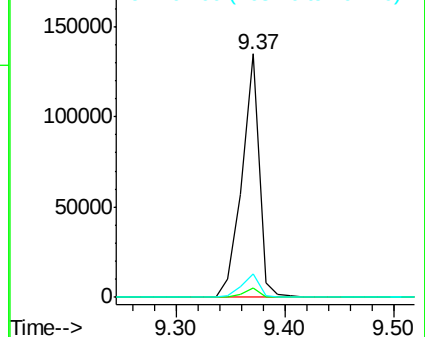
#49
Dimethylphthalate
Concen: 14.19 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:163 Resp: 146224
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.7 7.6 11.4

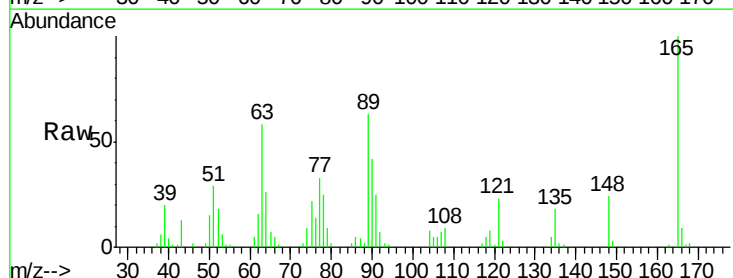


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

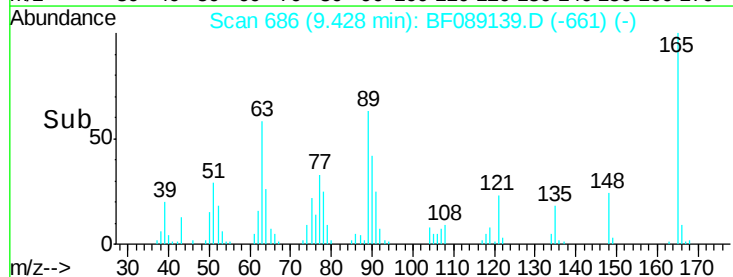
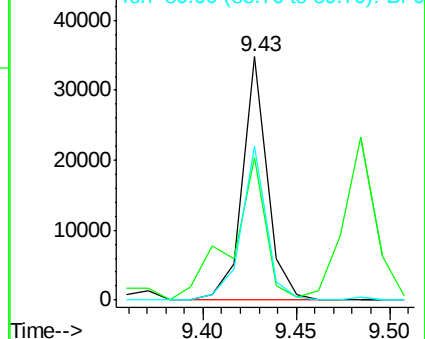


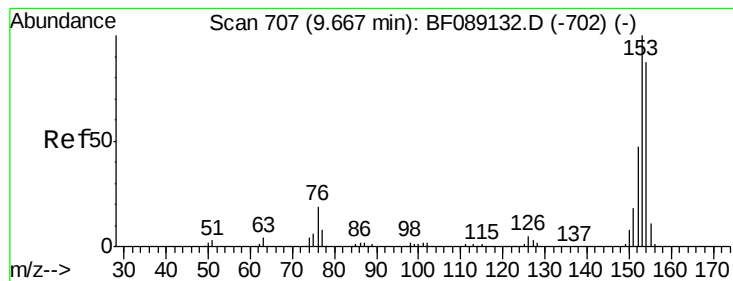
#50
2,6-Dinitrotoluene
Concen: 14.01 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:165 Resp: 32585
Ion Ratio Lower Upper
165 100
63 58.5 37.0 55.4#
89 63.5 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: 13.19 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

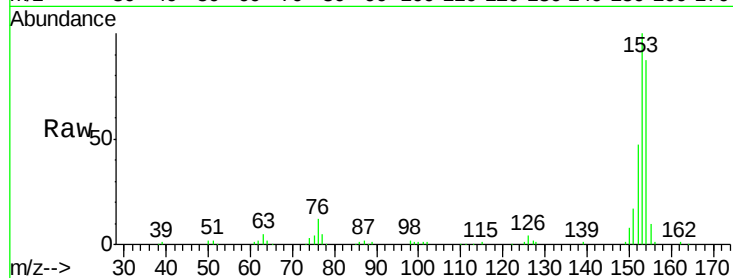
Tgt Ion:154 Resp: 112683

Ion Ratio Lower Upper

154 100

153 114.7 91.9 137.9

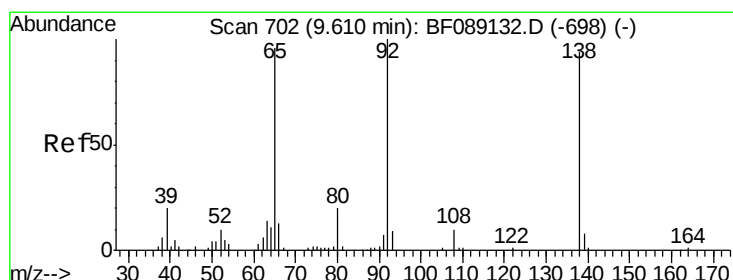
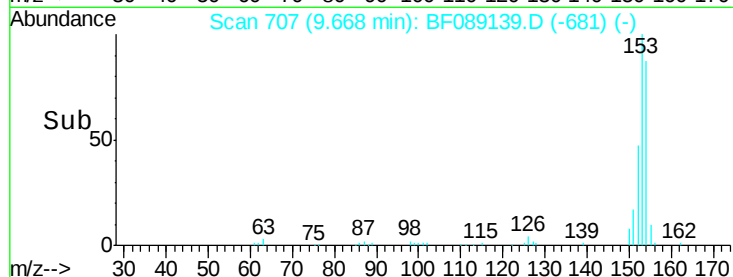
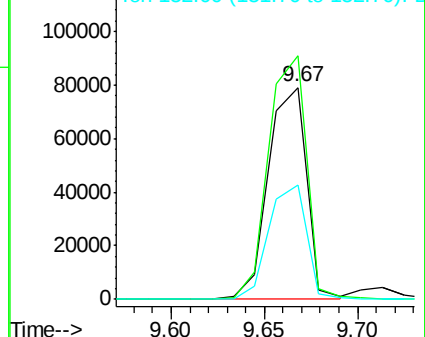
152 53.7 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.79 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

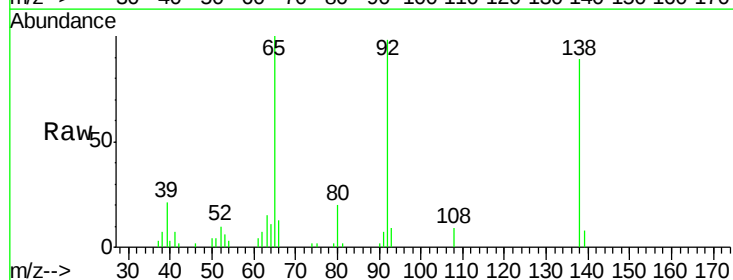
Tgt Ion:138 Resp: 18769

Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

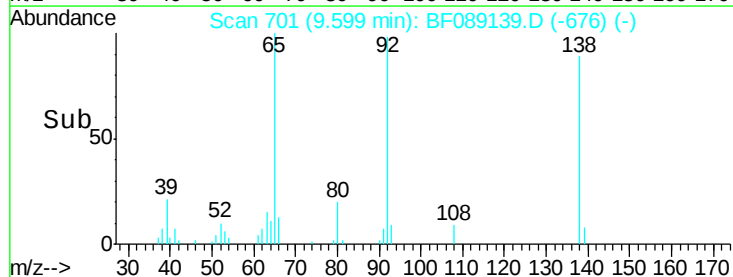
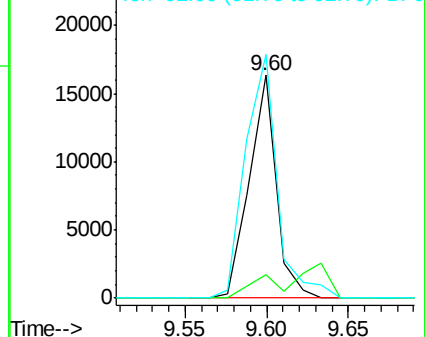
92 109.2 85.3 127.9

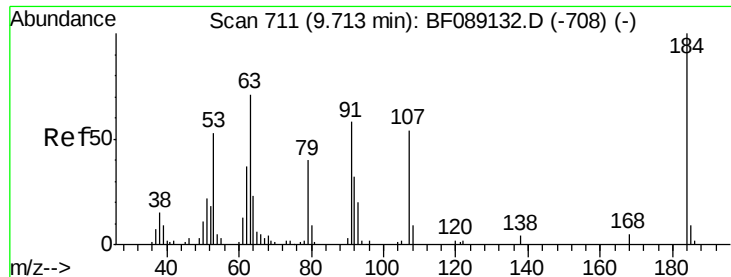


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

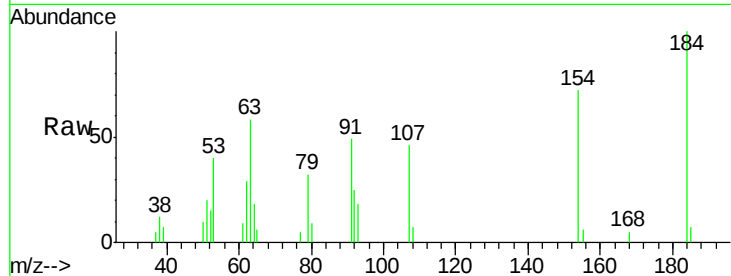




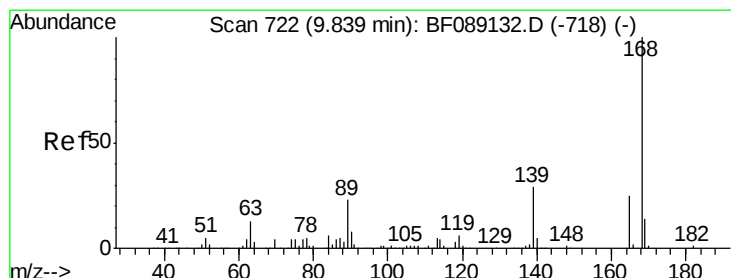
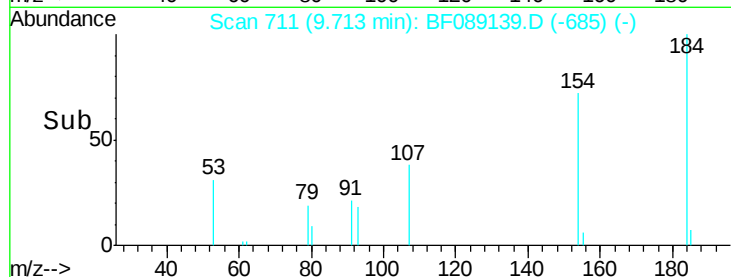
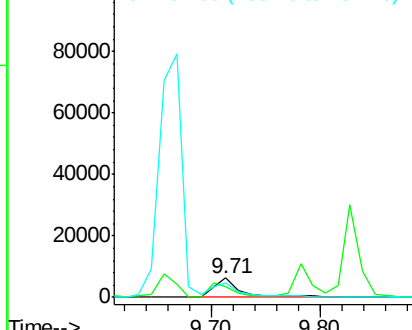
#53
 2,4-Dinitrophenol
 Concen: 16.66 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:184 Resp: 10794
 Ion Ratio Lower Upper
 184 100
 63 57.7 60.3 90.5#
 154 71.8 60.7 91.1

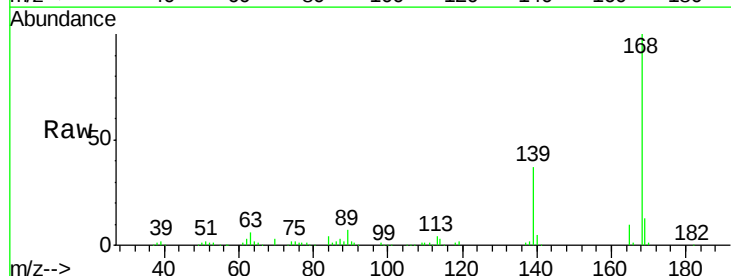


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

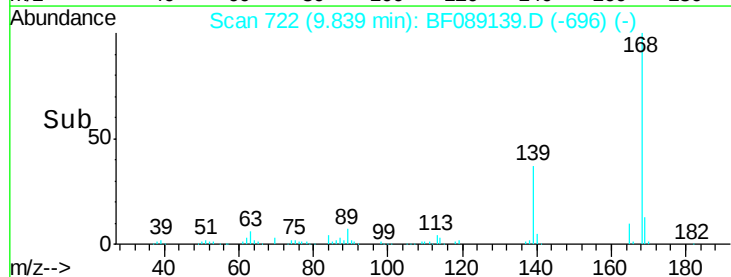
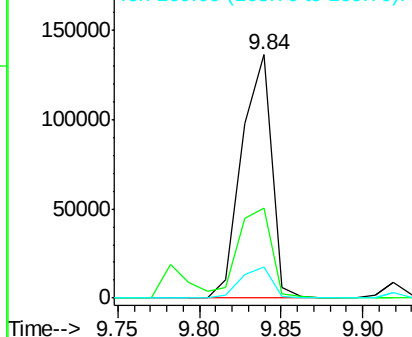


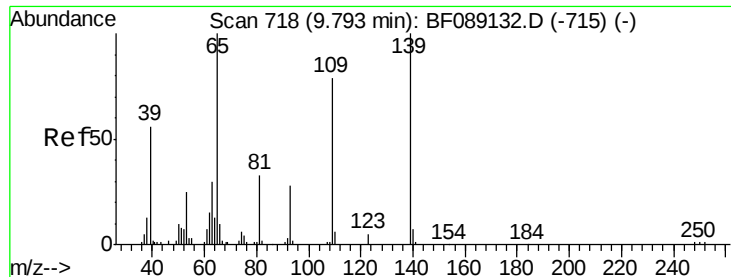
#54
 Dibenzofuran
 Concen: 14.91 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:168 Resp: 172129
 Ion Ratio Lower Upper
 168 100
 139 36.9 34.4 51.6
 169 12.8 10.8 16.2



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





#55

4-Nitrophenol

Concen: 12.92 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

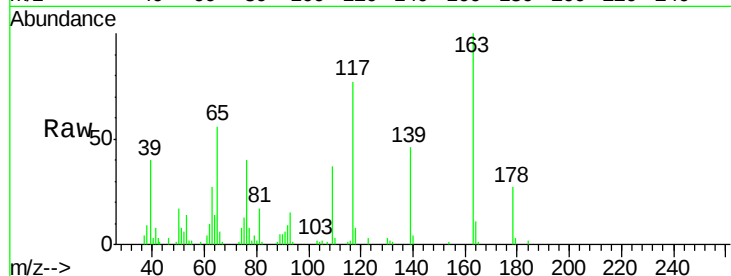
Tgt Ion:139 Resp: 21591

Ion Ratio Lower Upper

139 100

109 80.5 58.7 98.7

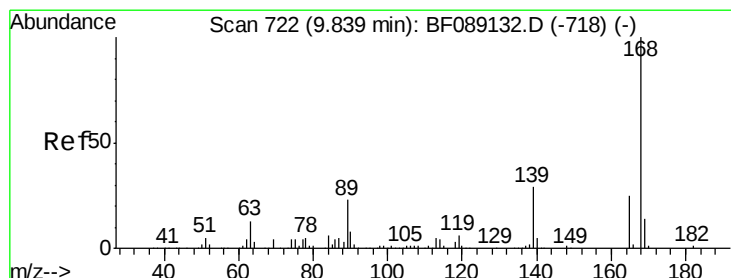
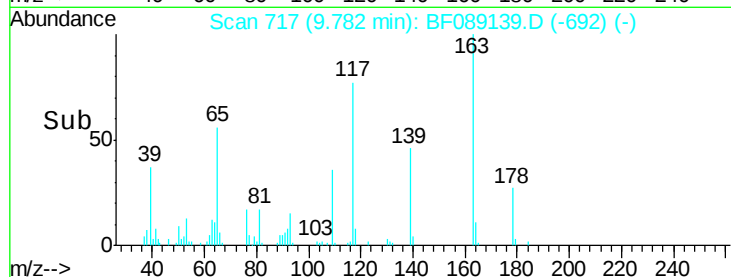
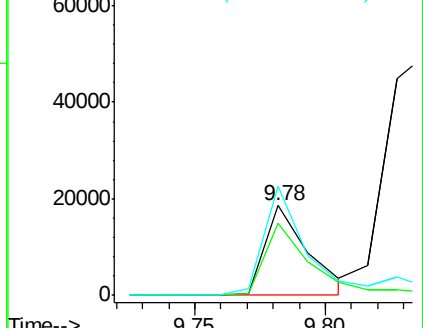
65 121.3 80.2 120.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 14.24 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Tgt Ion:165 Resp: 42660

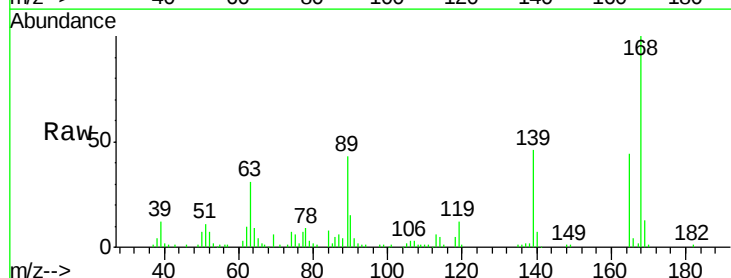
Ion Ratio Lower Upper

165 100

63 69.9 55.4 83.2

89 96.4 74.3 111.5

182 2.4 2.0 3.0

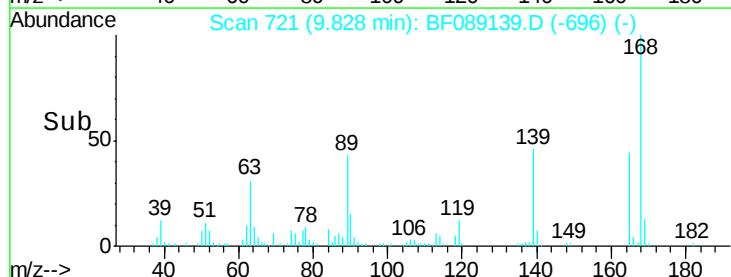
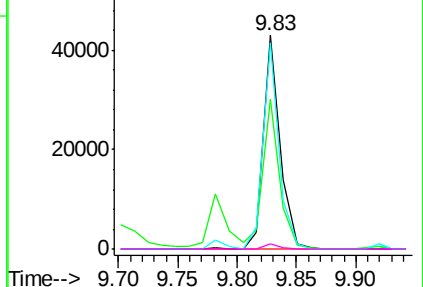


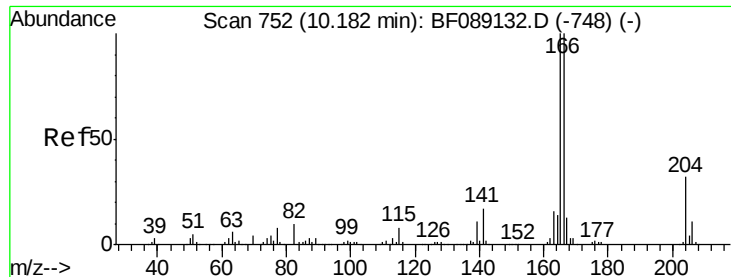
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

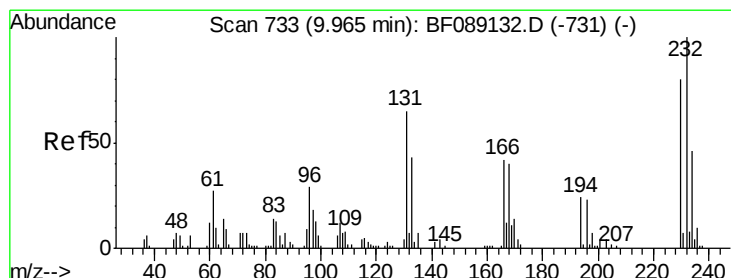
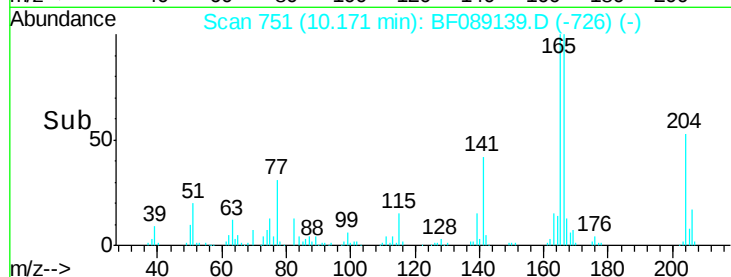
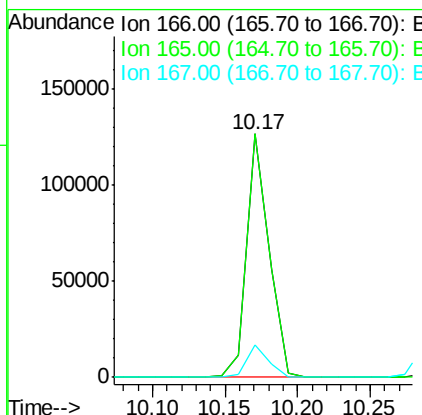
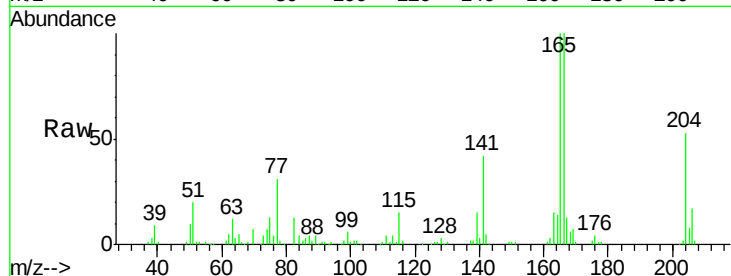




#57
Fluorene
 Concen: 13.87 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

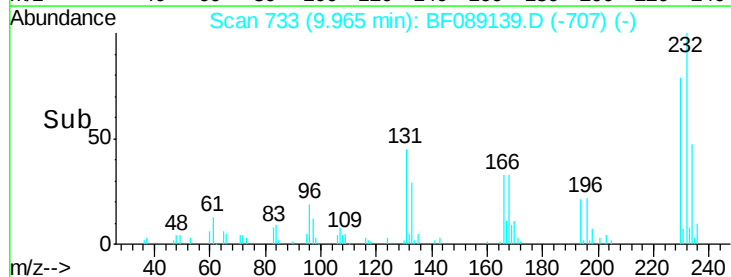
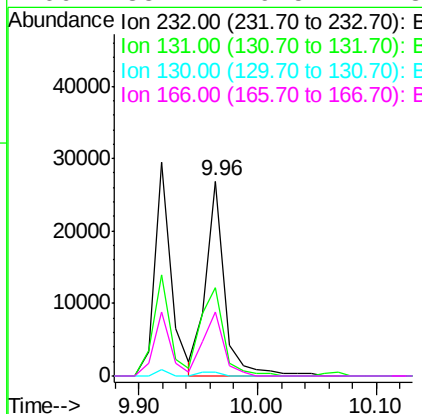
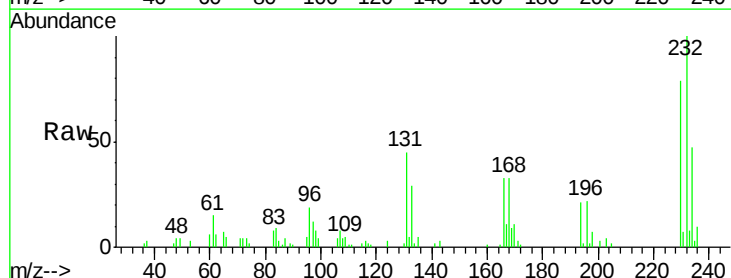
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

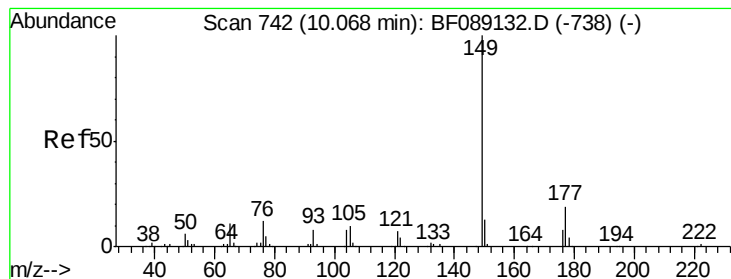
Tgt Ion:166 Resp: 135948
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.9 119.9
 167 13.5 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 14.94 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:232 Resp: 30090
 Ion Ratio Lower Upper
 232 100
 131 55.1 46.2 69.2
 130 2.5 2.3 3.5
 166 35.7 29.5 44.3





#59

Diethylphthalate

Concen: 15.18 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

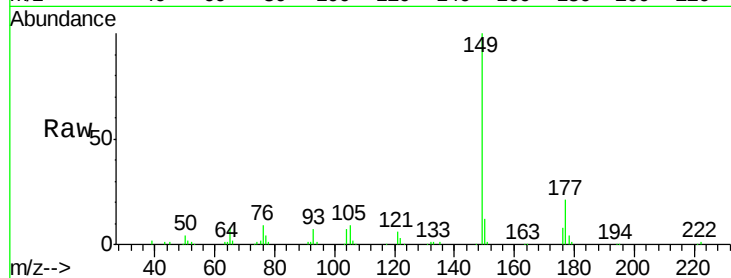
Tgt Ion:149 Resp: 155097

Ion Ratio Lower Upper

149 100

177 20.8 15.6 23.4

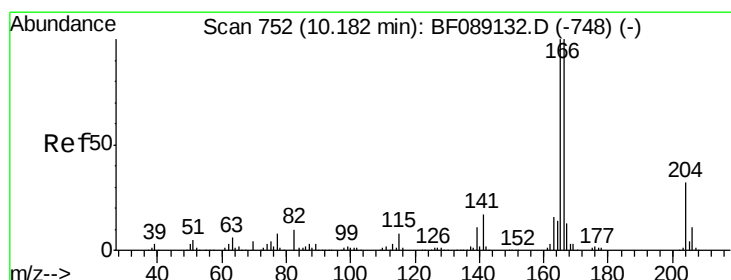
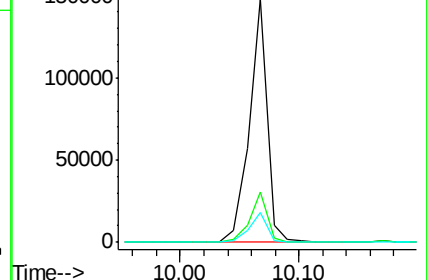
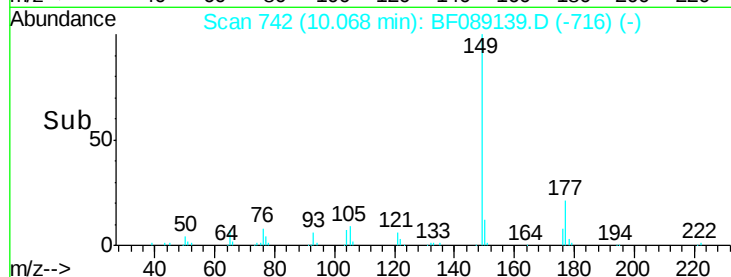
150 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 13.81 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

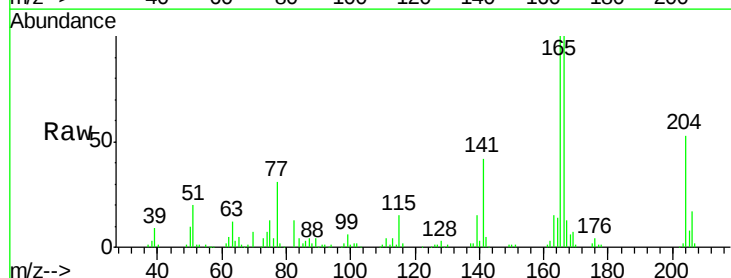
Tgt Ion:204 Resp: 61806

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.4

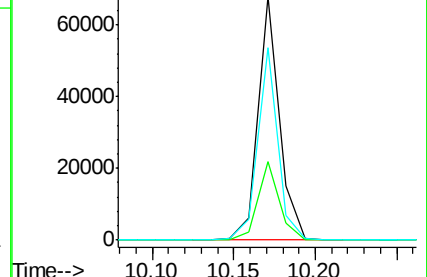
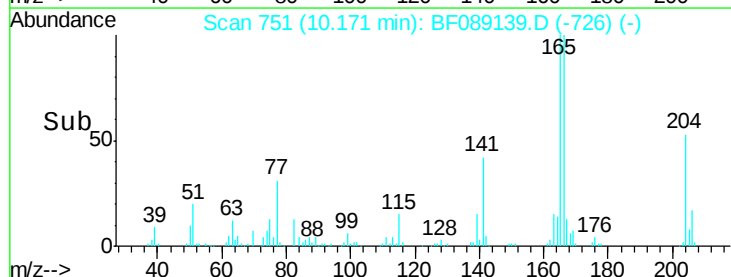
141 79.2 42.2 63.4#

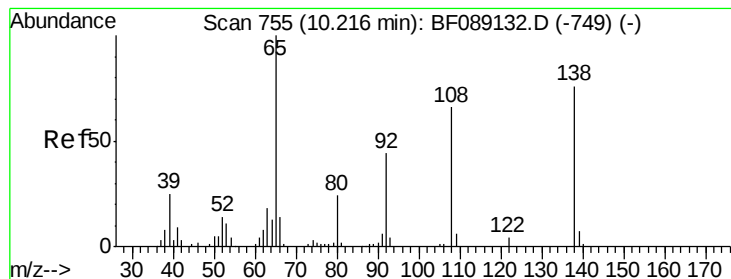


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 12.26 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

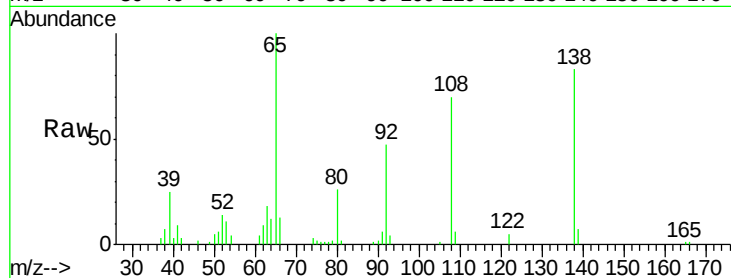
Tgt Ion:138 Resp: 32951

Ion Ratio Lower Upper

138 100

92 56.9 37.2 77.2

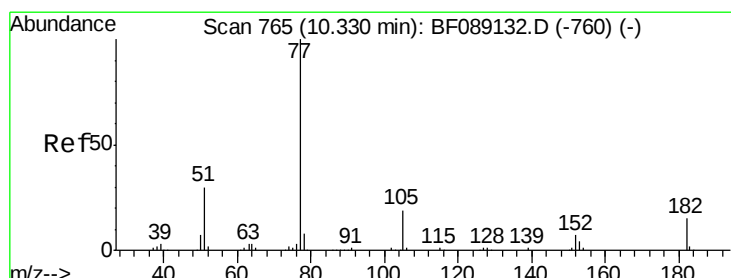
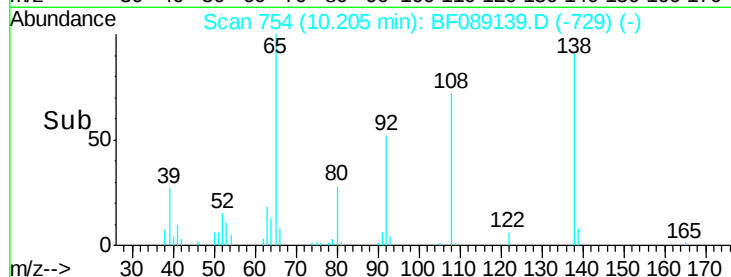
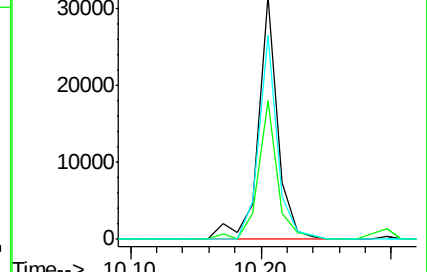
108 83.5 66.1 106.1



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: 14.91 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Tgt Ion: 77 Resp: 165535

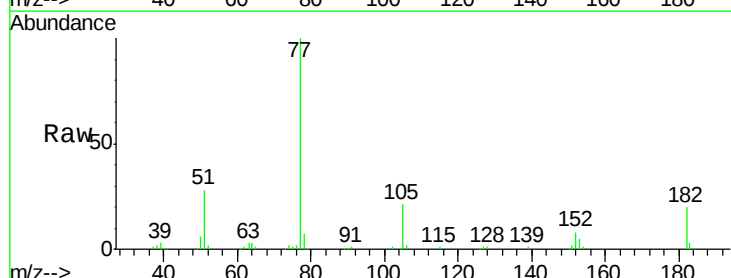
Ion Ratio Lower Upper

77 100

182 19.5 0.0 35.0

105 20.9 0.0 39.4

51 28.2 10.7 50.7

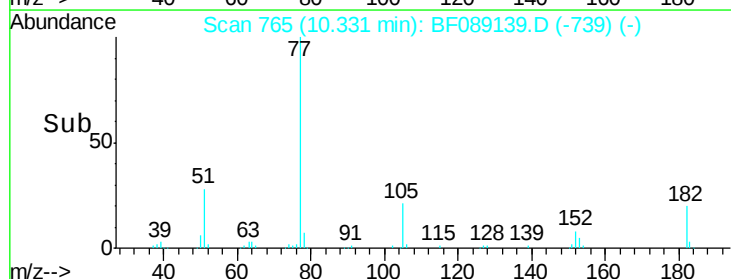
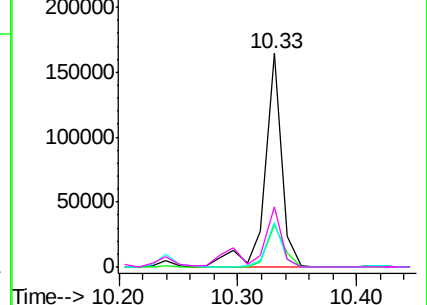


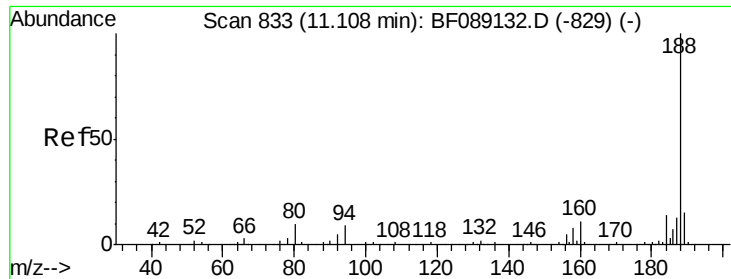
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

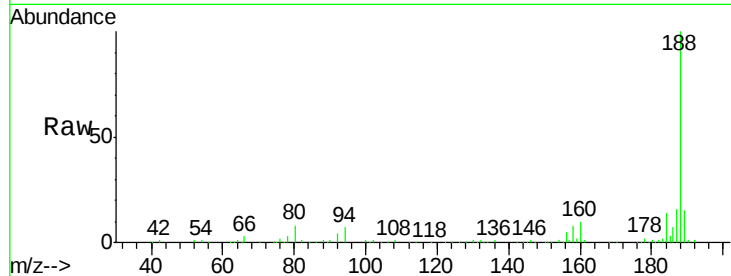




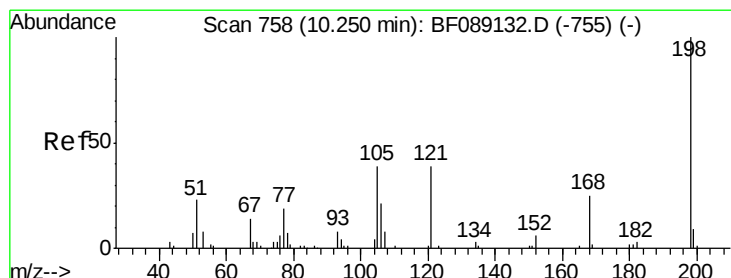
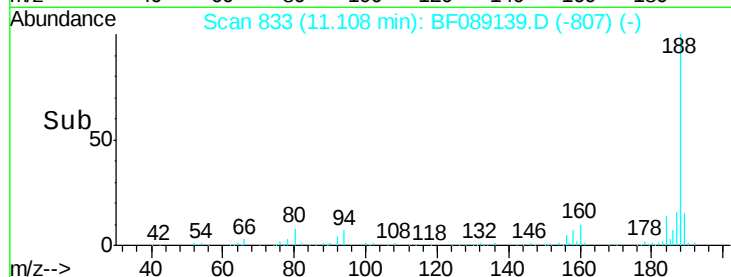
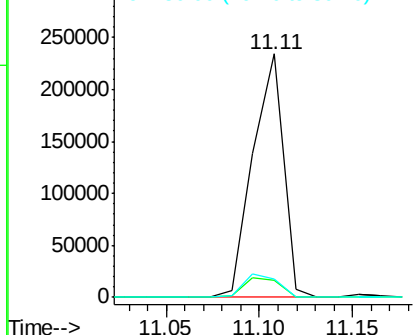
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:188 Resp: 266539
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.5 7.7 11.5#

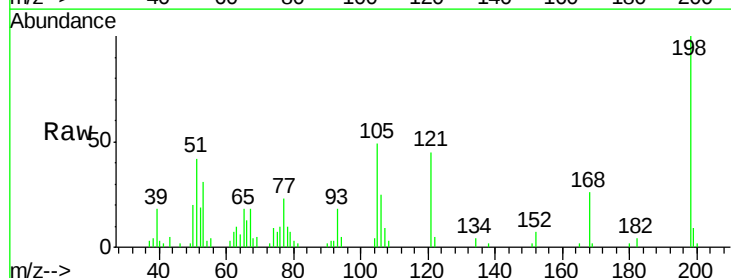


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

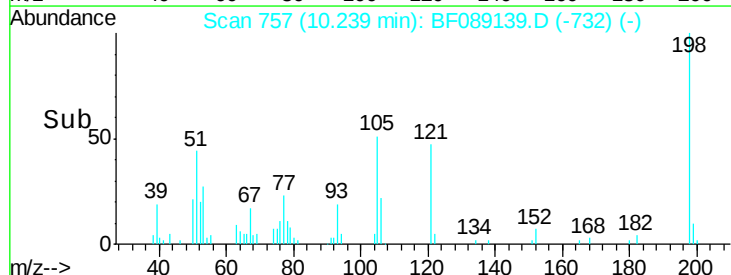
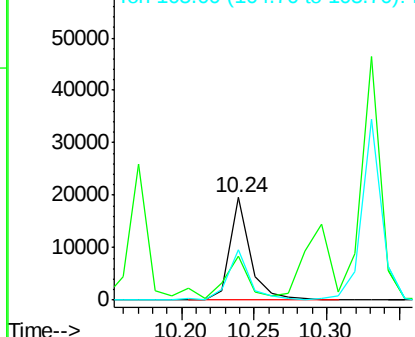


#64
4,6-Dinitro-2-methylphenol
Concen: 12.31 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:198 Resp: 19100
Ion Ratio Lower Upper
198 100
51 42.4 11.7 51.7
105 48.7 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: 14.32 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

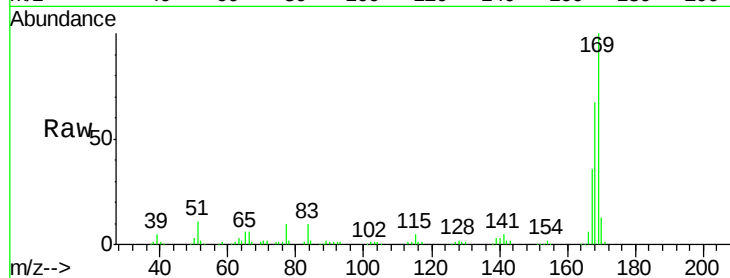
Tgt Ion:169 Resp: 127568

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

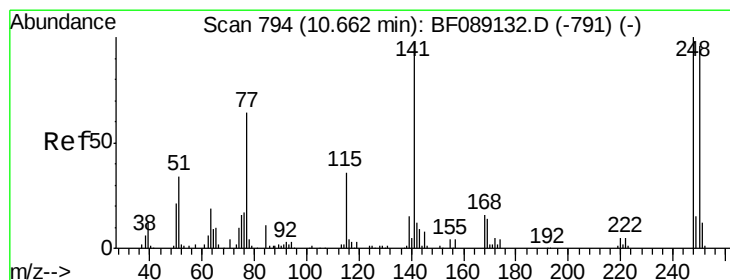
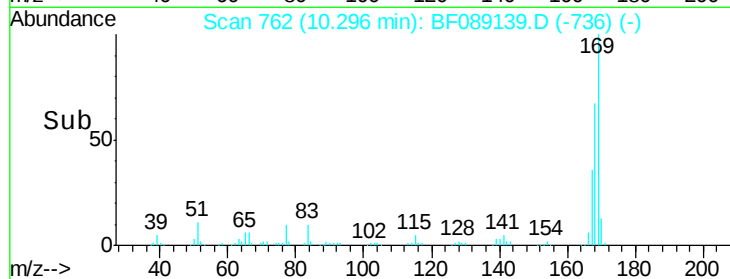
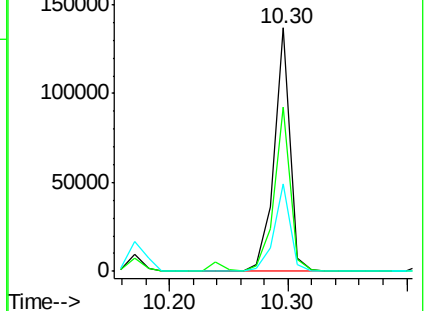
167 36.0 29.5 44.3



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: 13.52 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

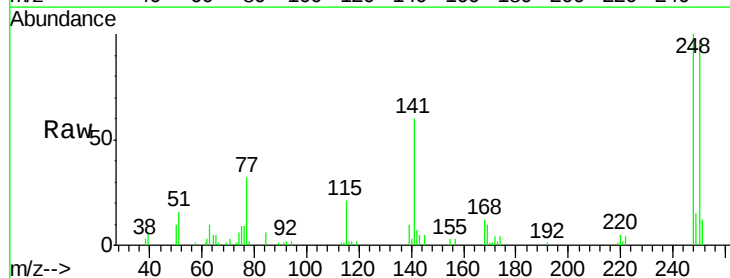
Tgt Ion:248 Resp: 35668

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

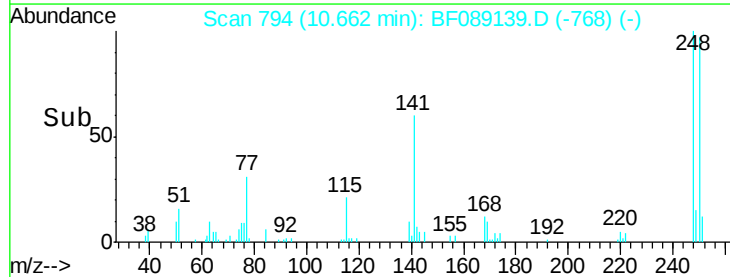
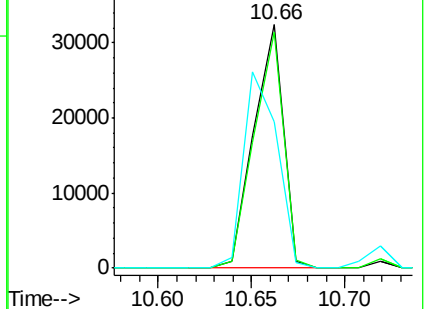
141 60.1 77.4 116.2#

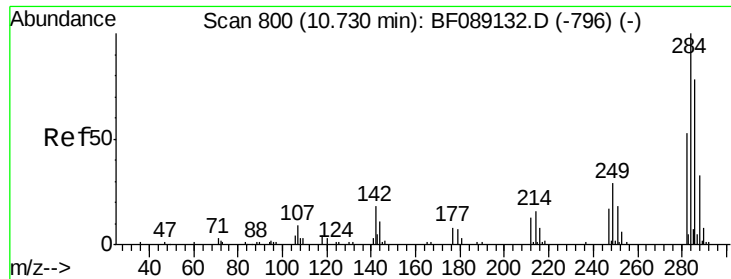


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

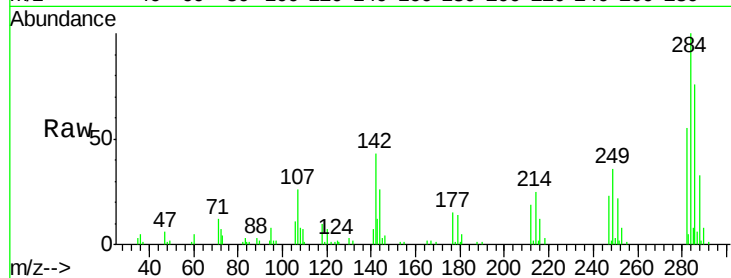




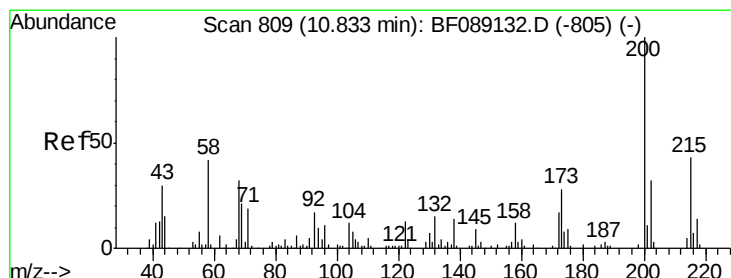
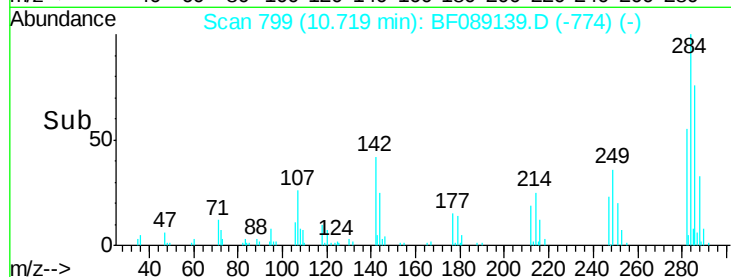
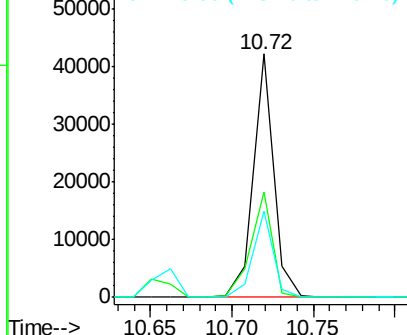
#67
Hexachlorobenzene
Concen: 13.03 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:284 Resp: 36961
Ion Ratio Lower Upper
284 100
142 43.4 14.1 21.1#
249 35.6 23.0 34.4#

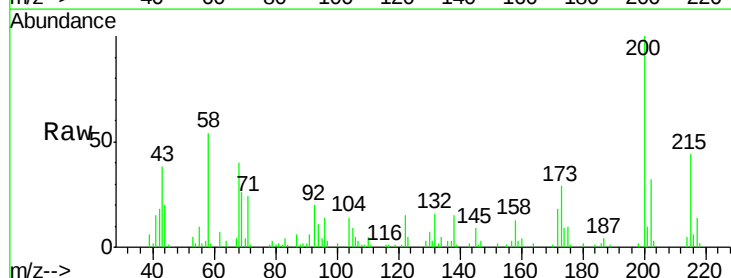


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

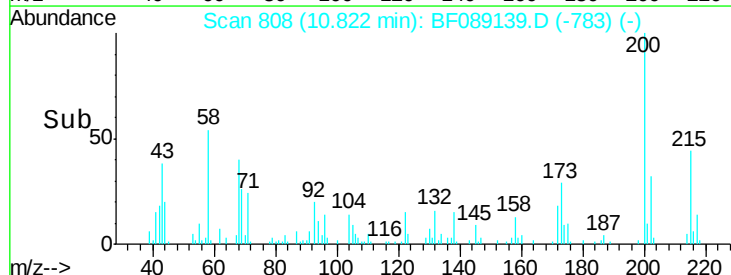
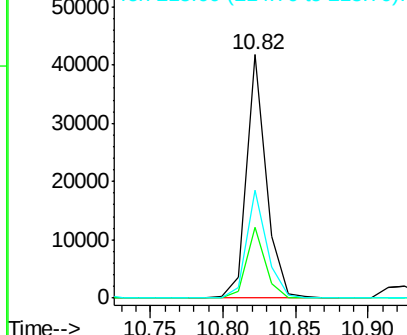


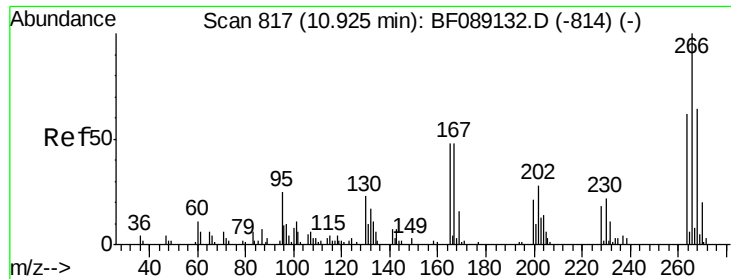
#68
Atrazine
Concen: 14.14 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:200 Resp: 39392
Ion Ratio Lower Upper
200 100
173 29.0 7.8 47.8
215 44.1 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

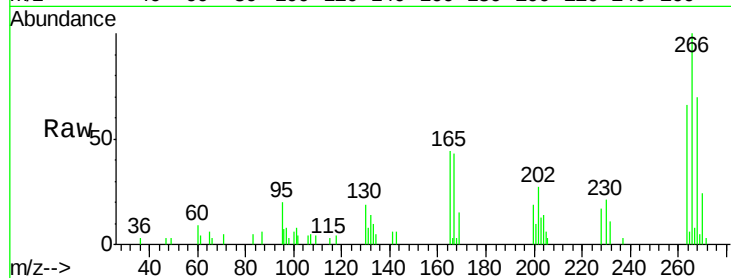




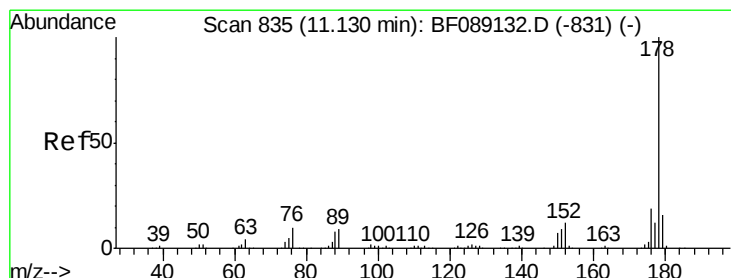
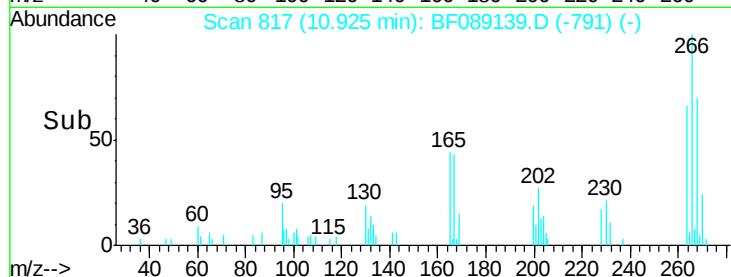
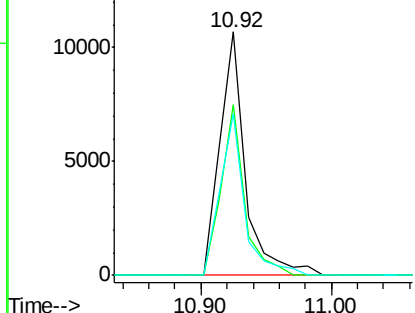
#69
 Pentachlorophenol
 Concen: 11.09 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:266 Resp: 14516
 Ion Ratio Lower Upper
 266 100
 268 70.1 51.2 76.8
 264 66.4 49.7 74.5

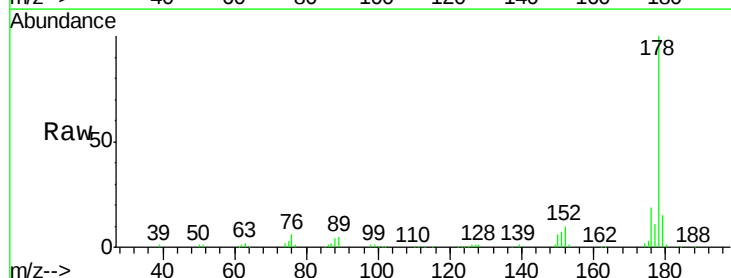


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

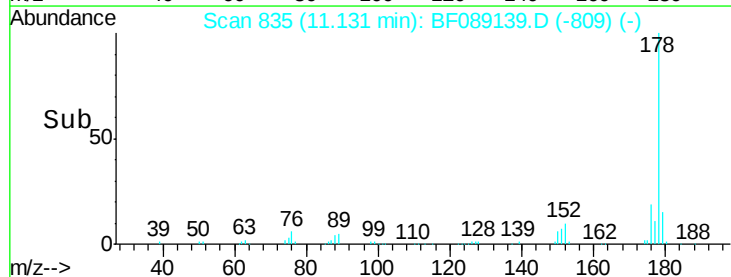
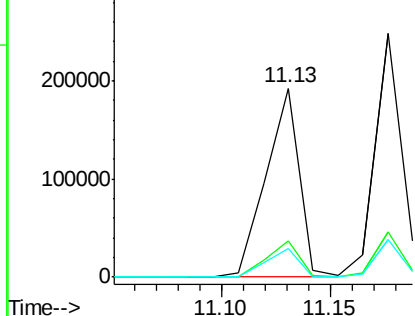


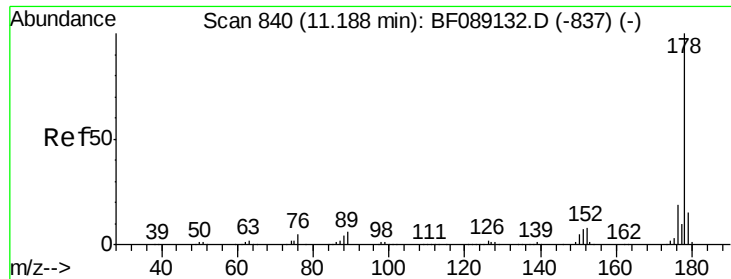
#70
 Phenanthrene
 Concen: 14.12 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:178 Resp: 206382
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.0 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

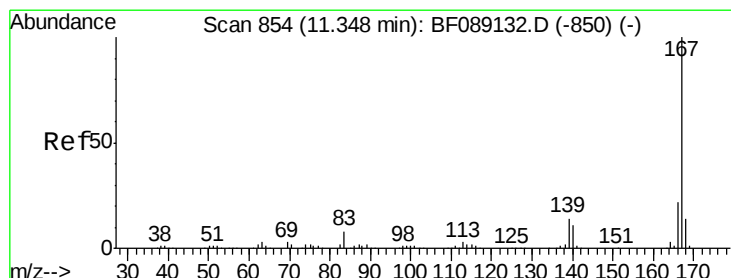
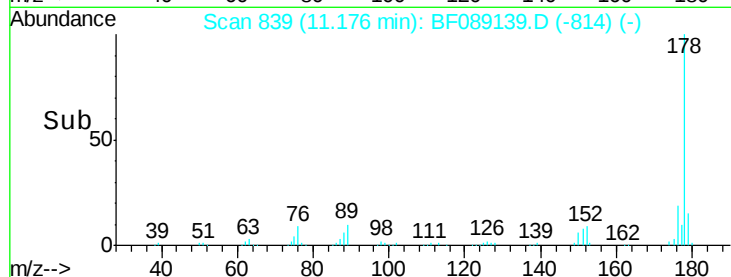
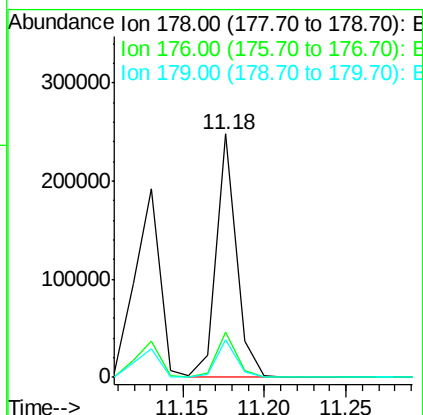
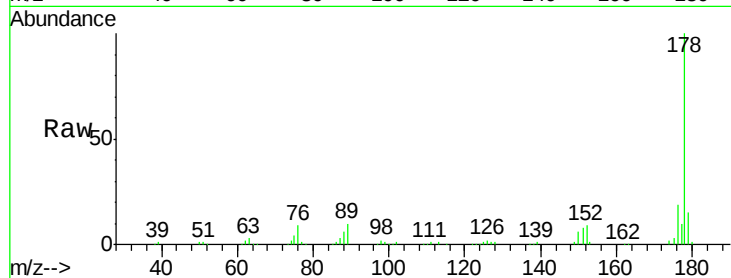




#71
 Anthracene
 Concen: 14.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

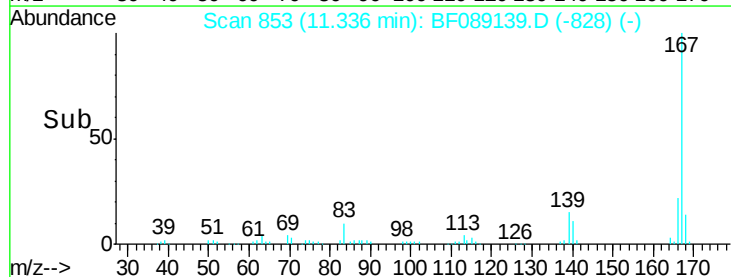
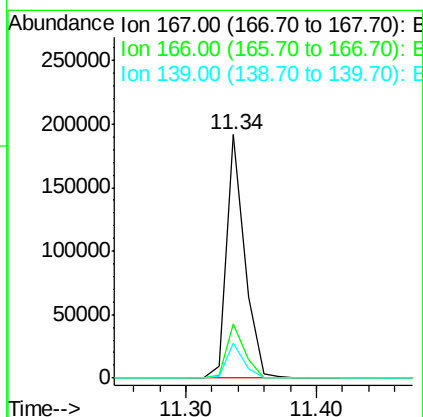
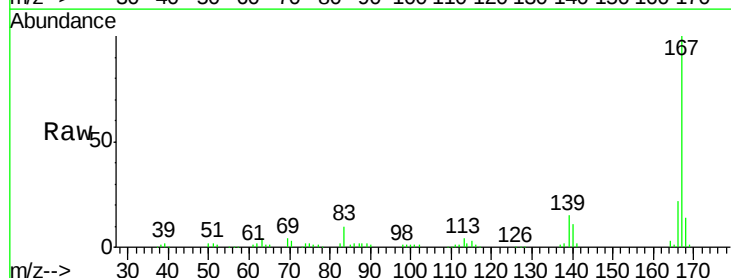
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

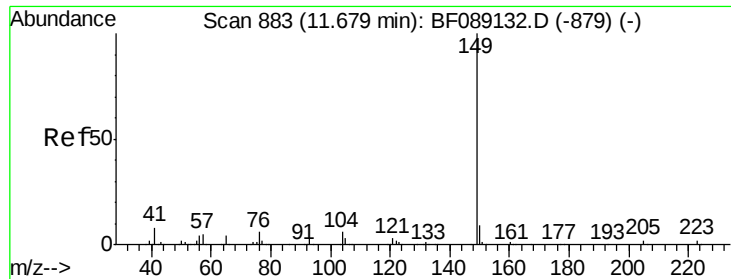
Tgt Ion:178 Resp: 212723
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.4 12.0 18.0



#72
 Carbazole
 Concen: 13.87 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion:167 Resp: 185220
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.6 11.0 16.4

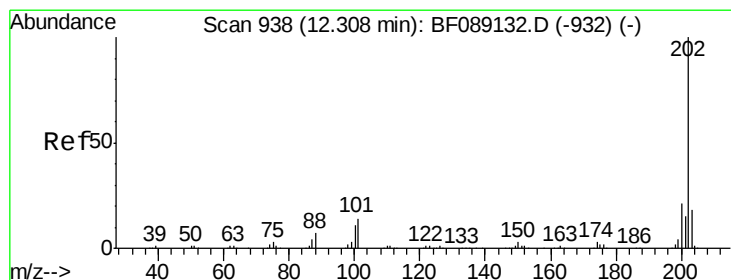
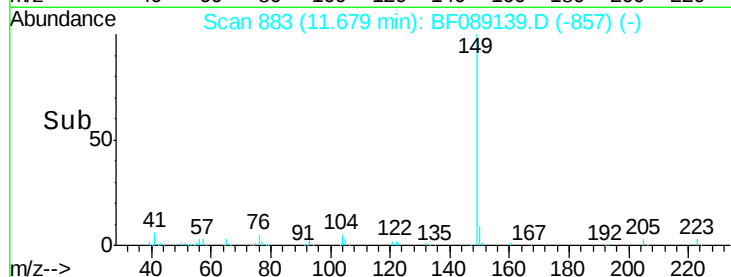
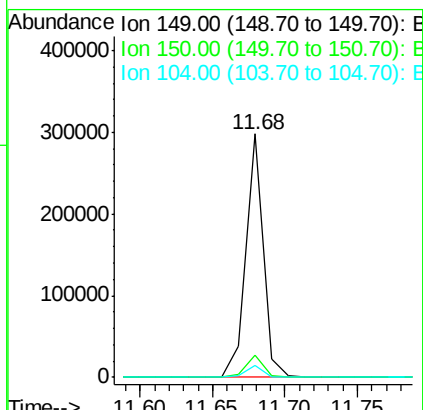
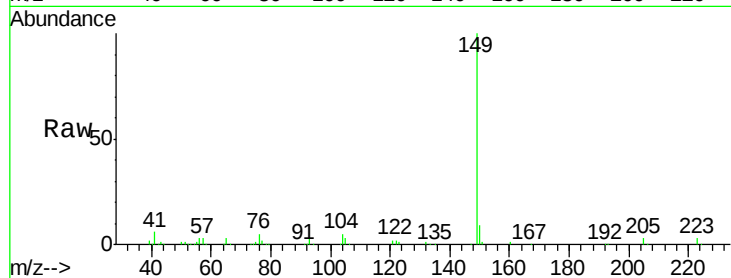




#73
Di-n-butylphthalate
Concen: 15.01 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

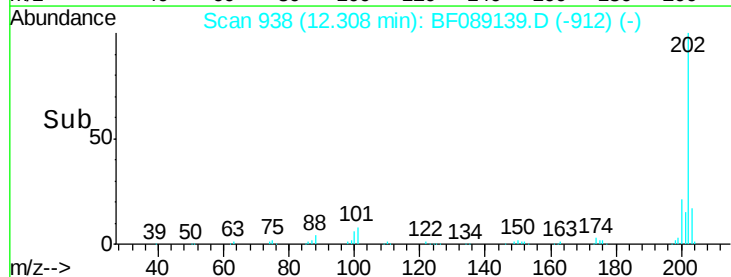
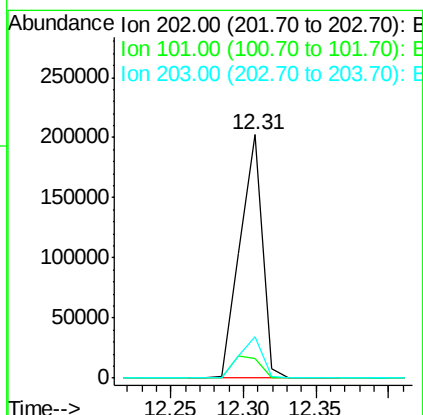
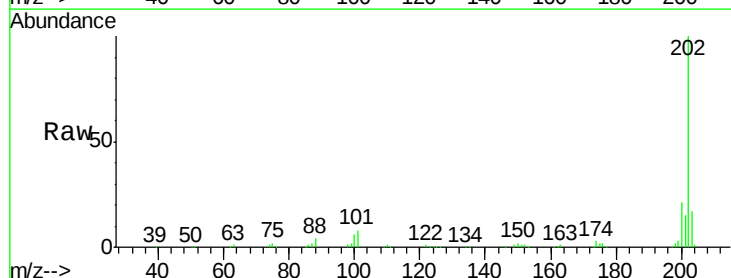
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

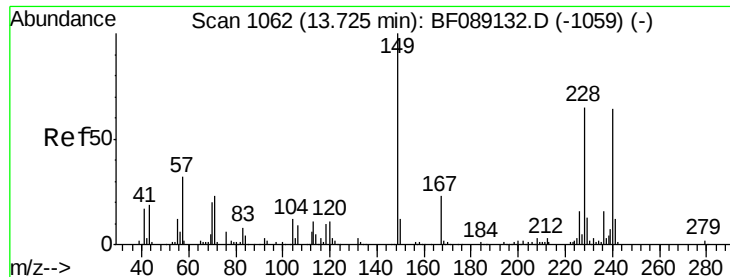
Tgt Ion:149 Resp: 247828
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.0 4.6 6.8



#74
Fluoranthene
Concen: 14.10 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:202 Resp: 216752
Ion Ratio Lower Upper
202 100
101 7.9 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: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

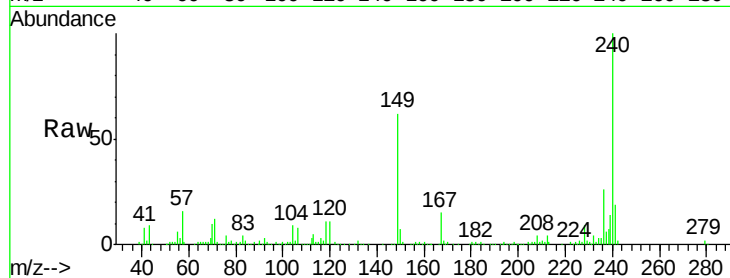
Tgt Ion:240 Resp: 205936

Ion Ratio Lower Upper

240 100

120 11.5 13.6 20.4#

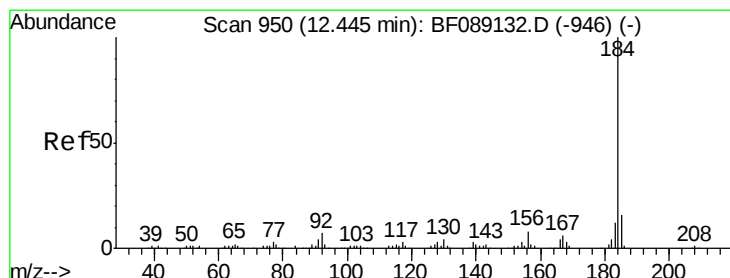
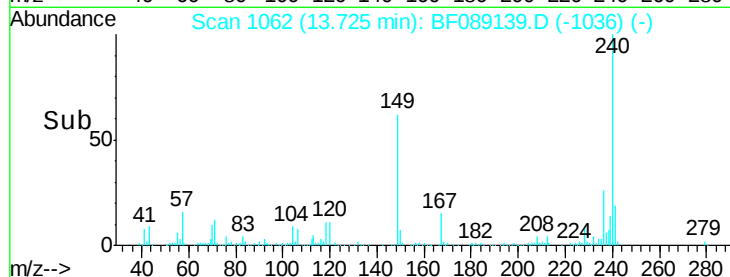
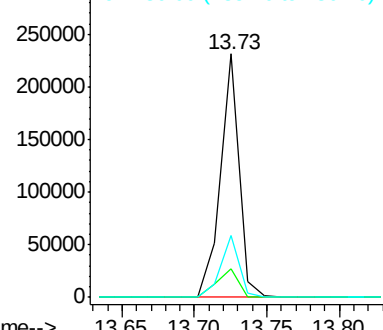
236 25.7 20.5 30.7



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: 4.01 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

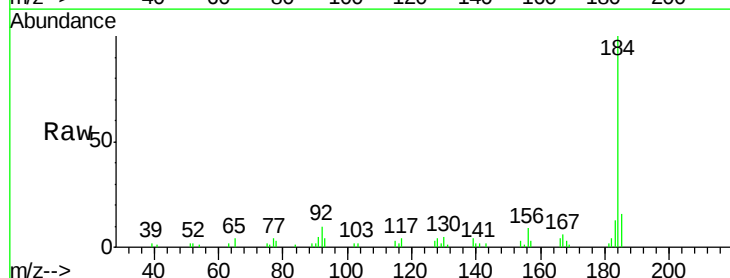
Tgt Ion:184 Resp: 28359

Ion Ratio Lower Upper

184 100

185 15.6 12.5 18.7

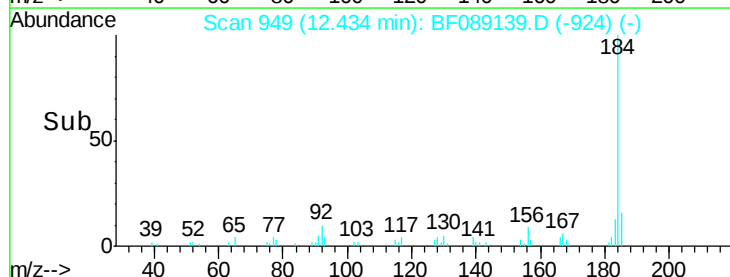
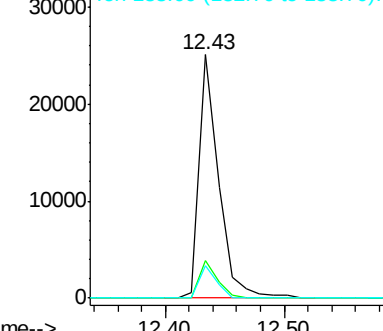
183 13.2 9.6 14.4

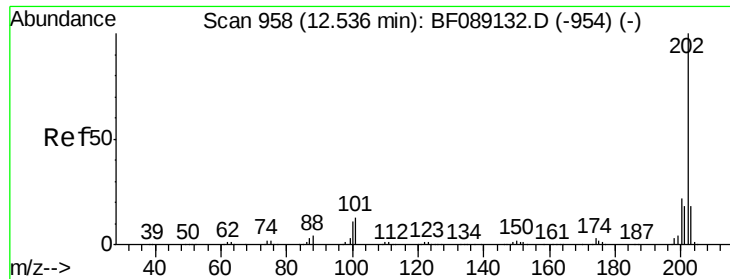


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

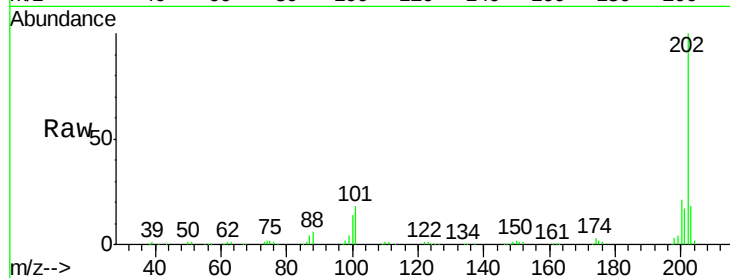




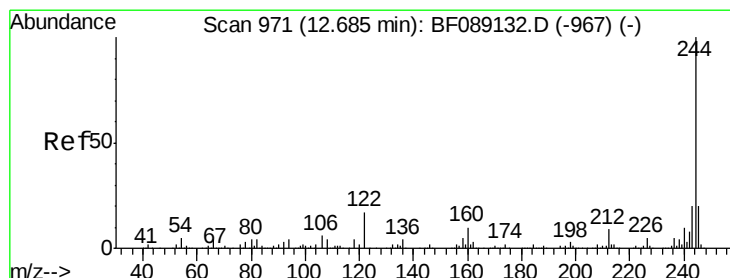
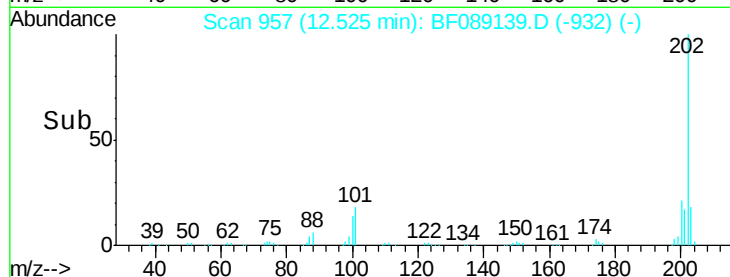
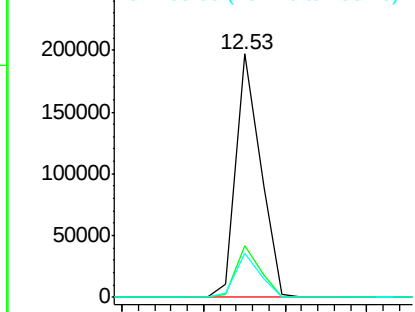
#77
 Pyrene
 Concen: 12.07 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.0
203	17.8	14.2	21.2

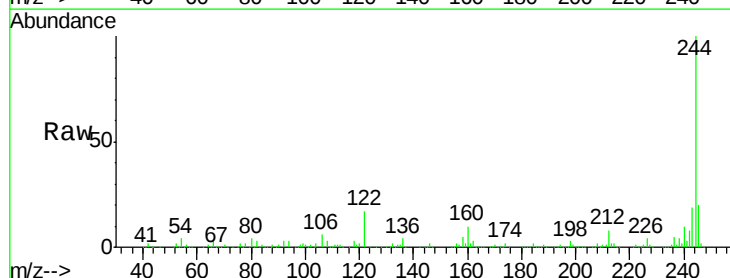


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

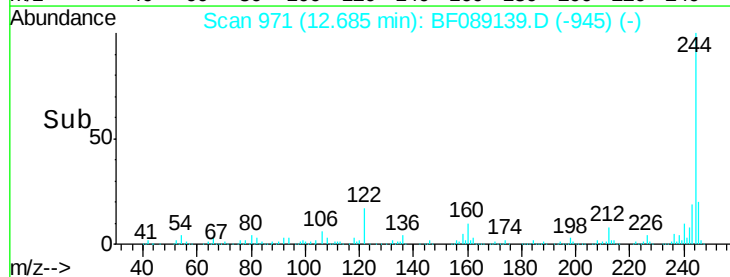
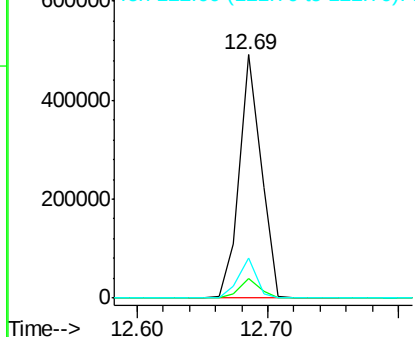


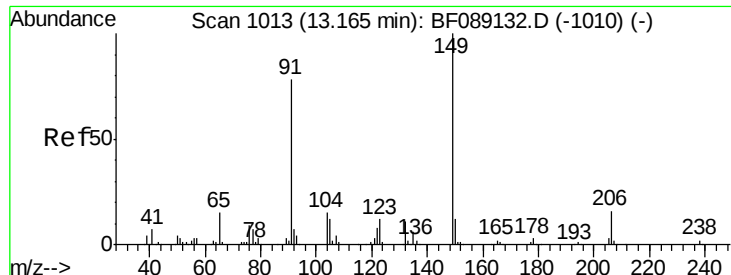
#78
 Terphenyl-d14
 Concen: 60.19 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	16.7	13.8	20.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

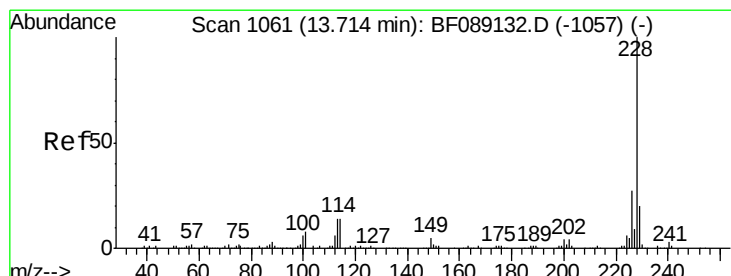
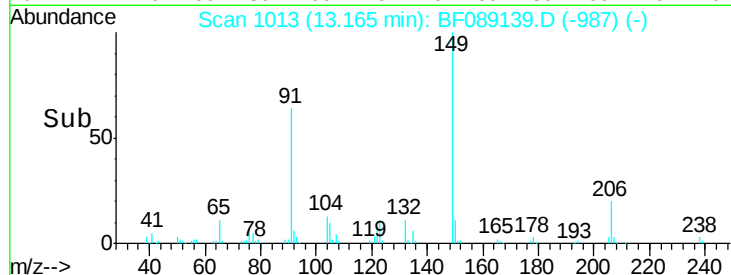
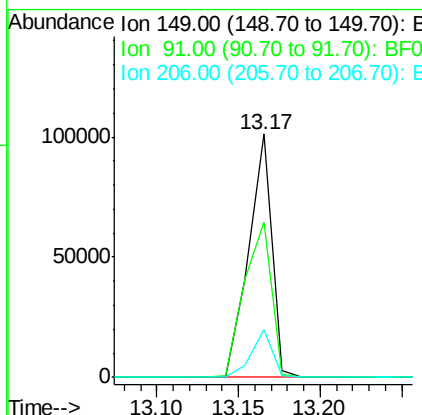
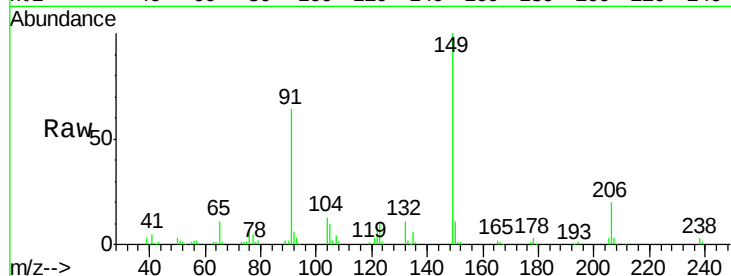




#79
Butylbenzylphthalate
Concen: 13.88 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

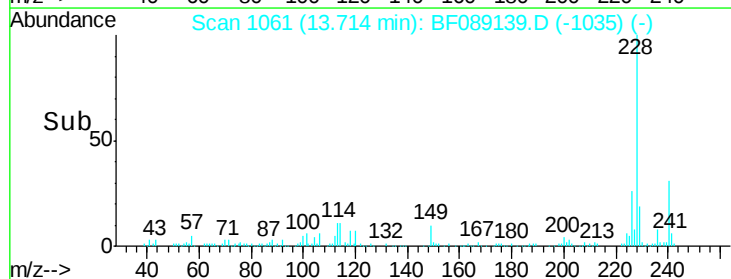
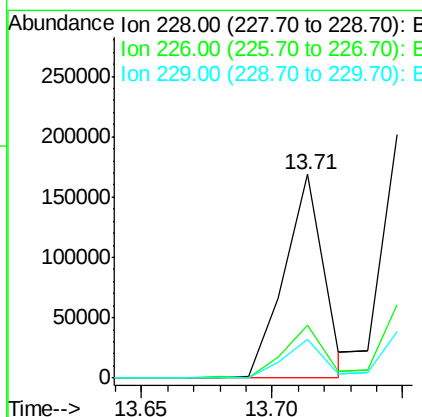
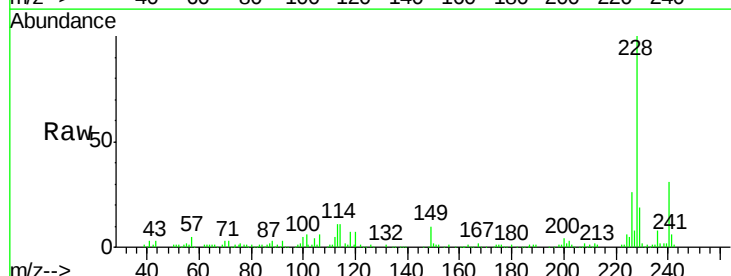
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	149	Resp:	99864
Ion Ratio	Lower	Upper	
149	100		
91	63.6	62.6	93.8
206	19.6	13.2	19.8



#80
Benzo(a)anthracene
Concen: 13.44 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089139.D
Acq: 20 Jul 2016 18:53

Tgt Ion:	228	Resp:	176308
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.8	32.8
229	19.0	15.8	23.8

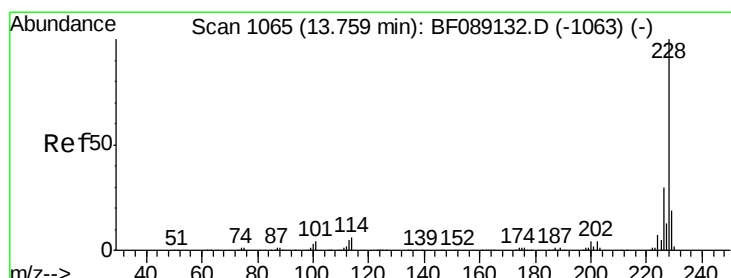
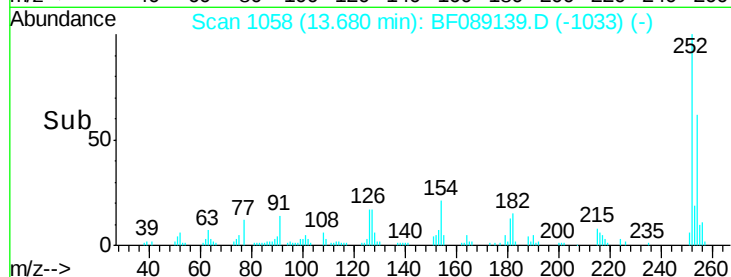
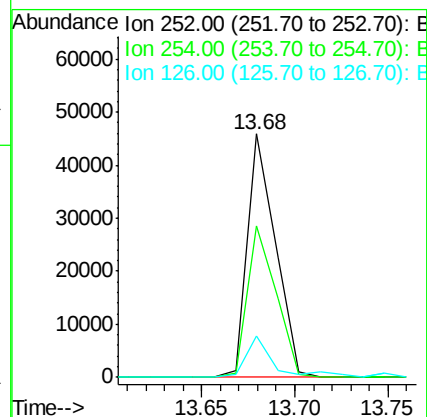
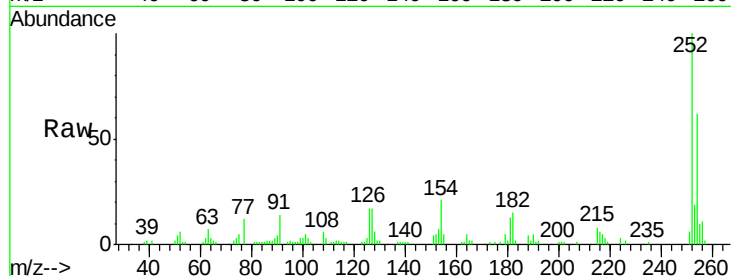




#81
 3,3'-Dichlorobenzidine
 Concen: 11.14 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

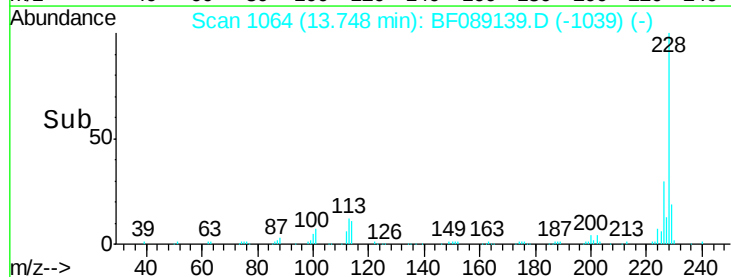
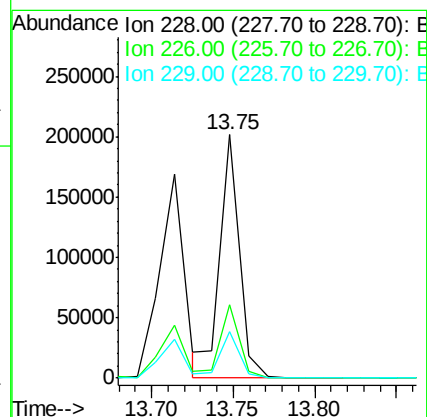
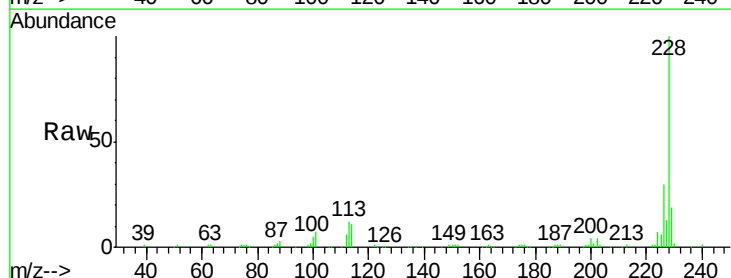
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

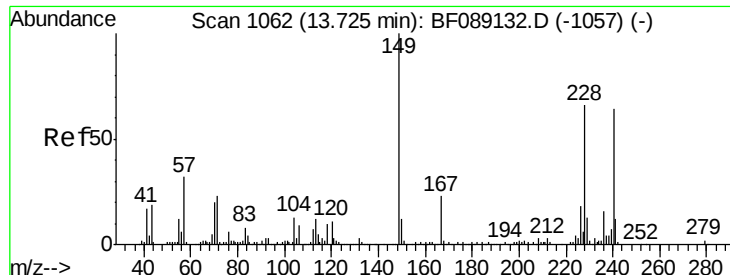
Tgt Ion: 252 Resp: 48487
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.4 75.6
 126 17.1 10.2 15.2#



#82
 Chrysene
 Concen: 13.41 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion: 228 Resp: 168064
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 13.17 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

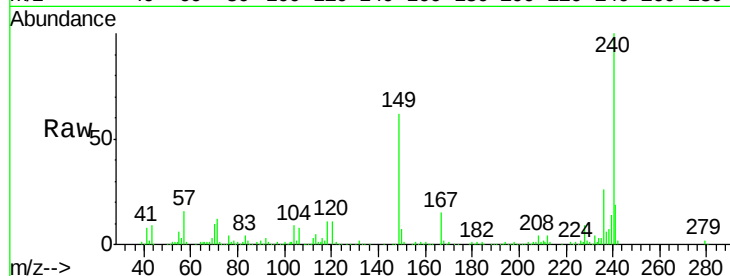
Tgt Ion:149 Resp: 125686

Ion Ratio Lower Upper

149 100

167 24.5 18.6 28.0

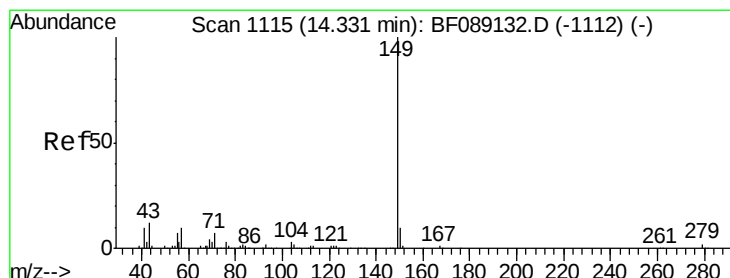
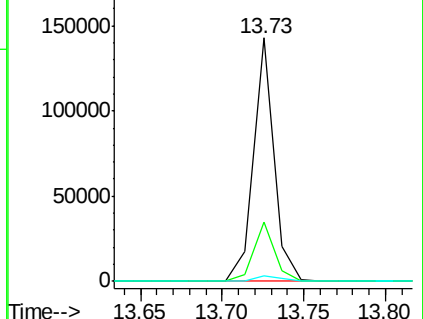
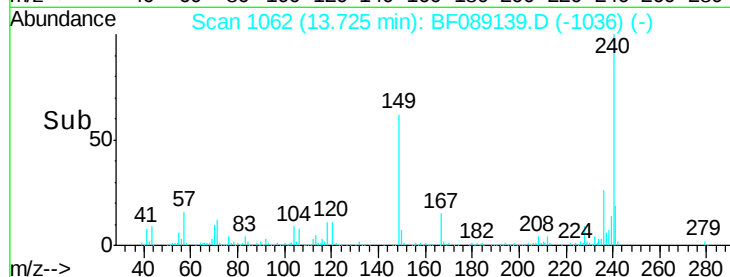
279 2.5 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 13.53 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

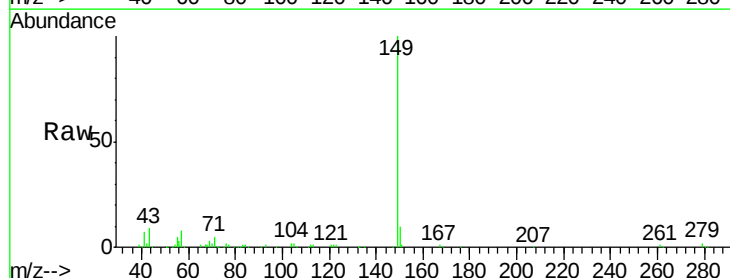
Tgt Ion:149 Resp: 212974

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

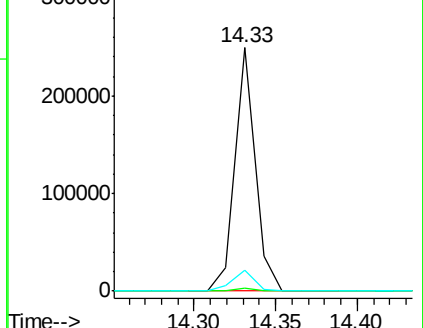
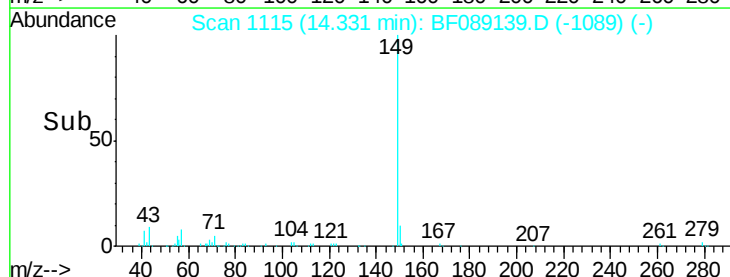
43 9.7 7.3 10.9

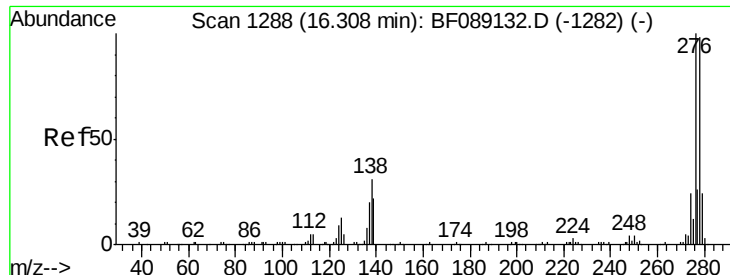


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

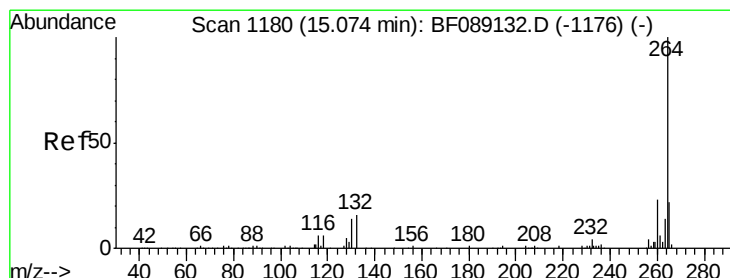
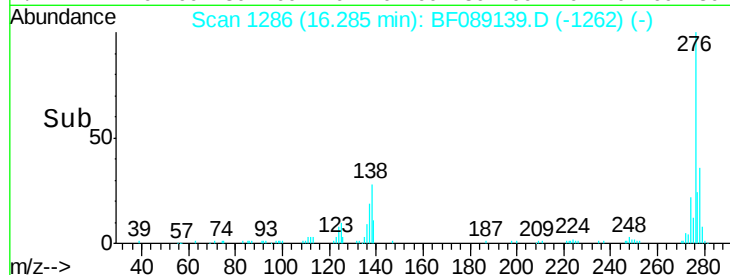
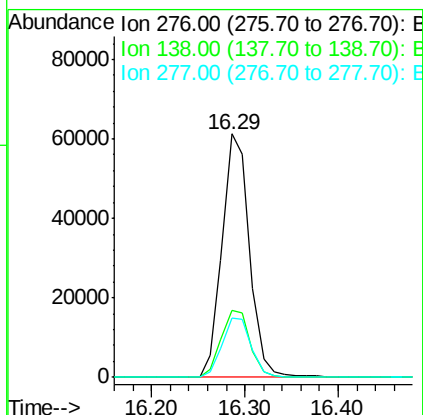
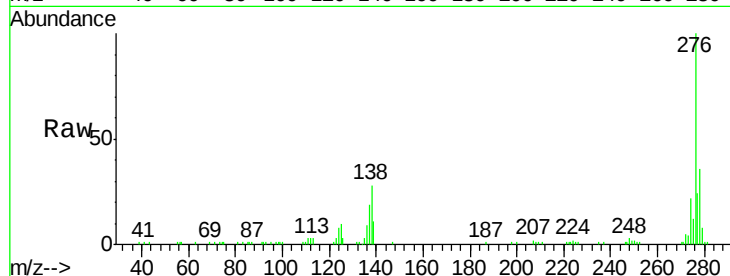




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.79 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

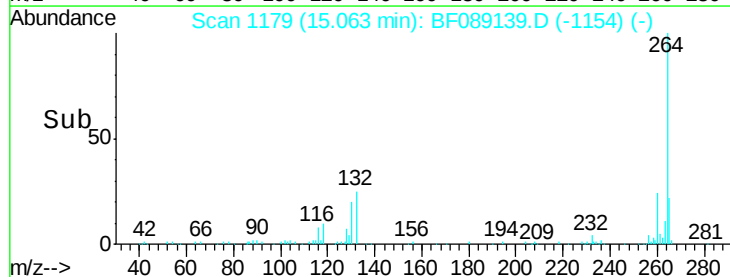
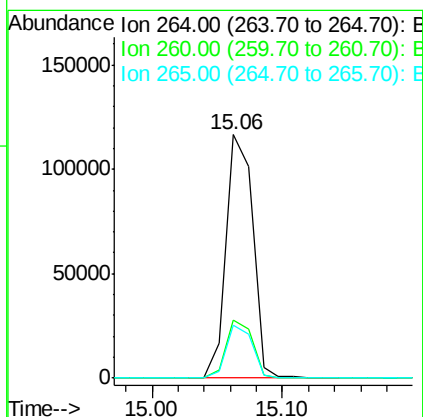
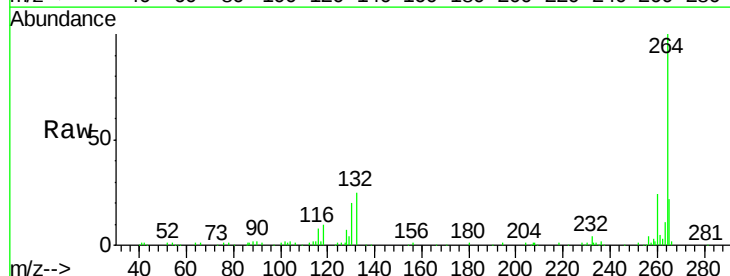
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

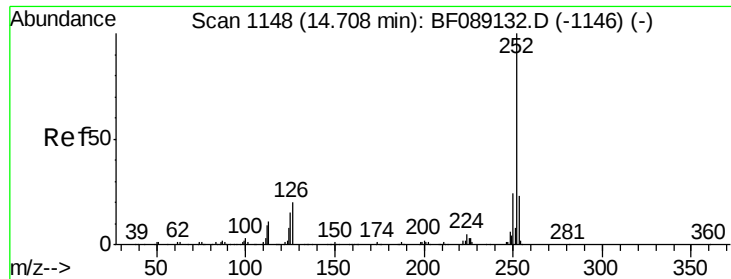
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.7	35.5
277	25.4	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089139.D
 Acq: 20 Jul 2016 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 14.40 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

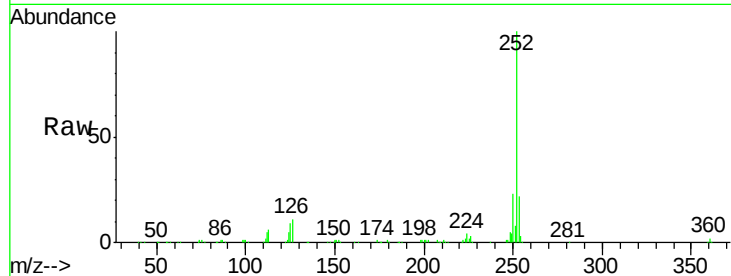
Tgt Ion:252 Resp: 173131

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

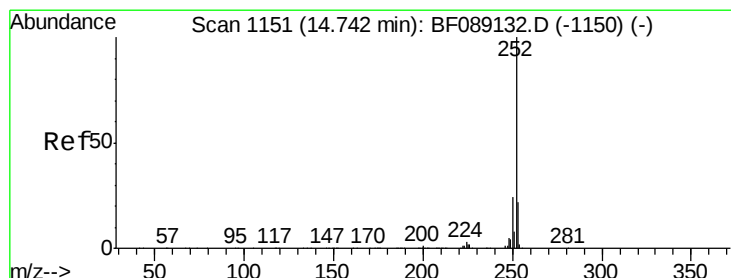
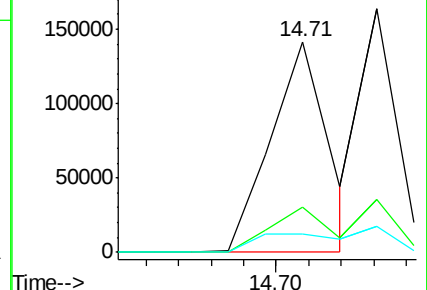
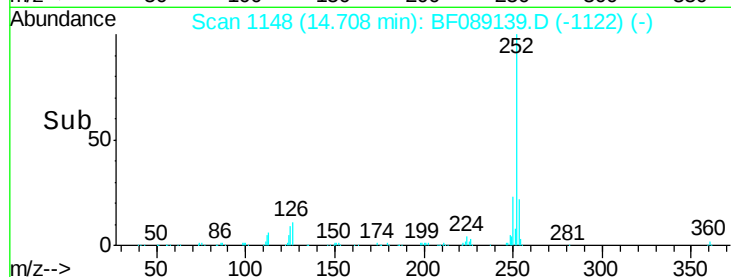
125 8.9 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 14.94 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

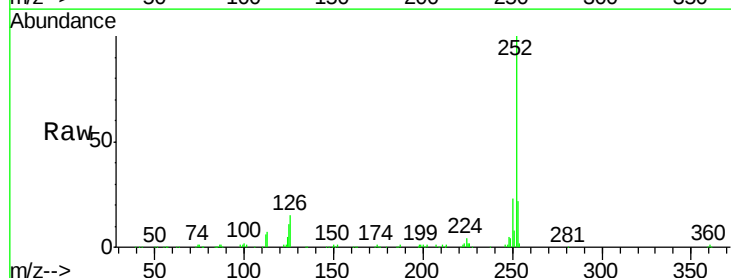
Tgt Ion:252 Resp: 128420

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

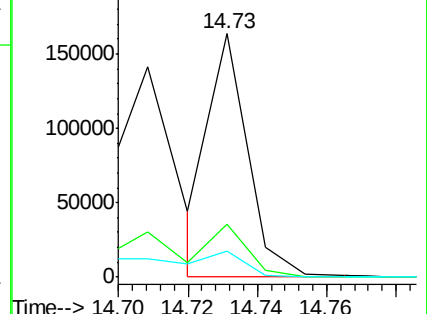
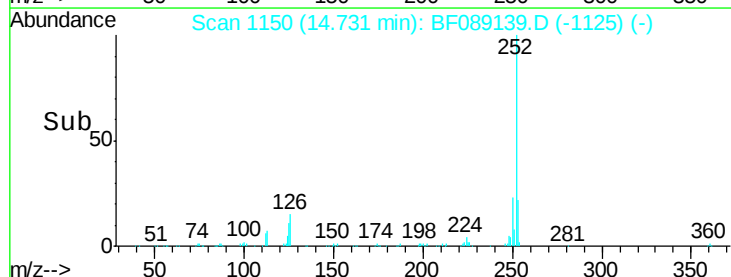
125 10.9 6.3 9.5#

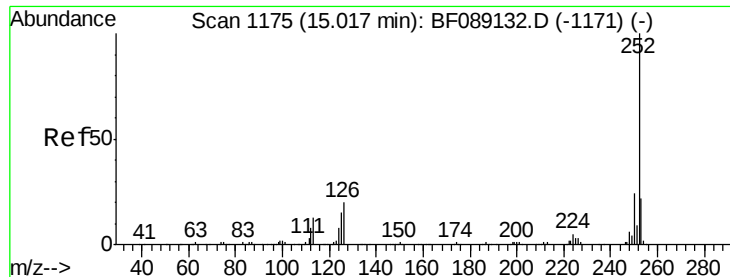


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.92 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

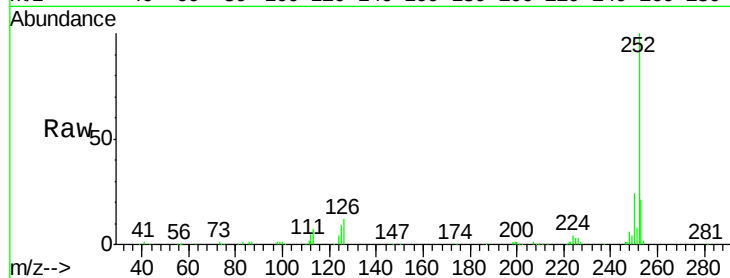
Tgt Ion:252 Resp: 139276

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

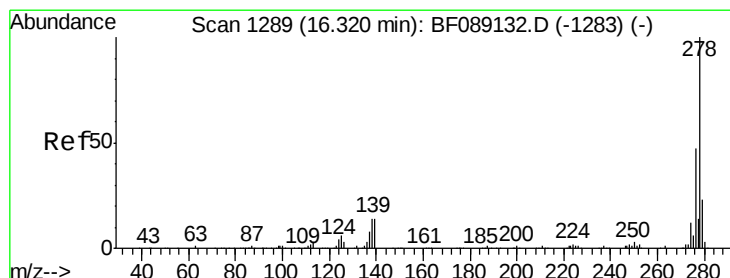
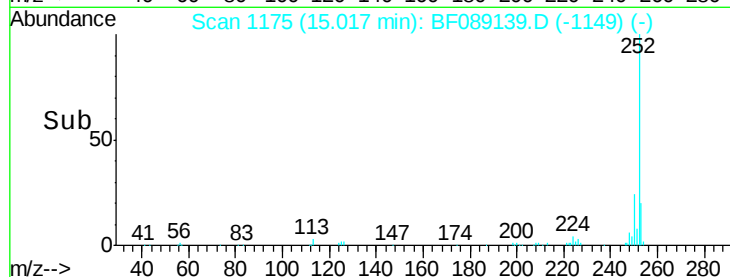
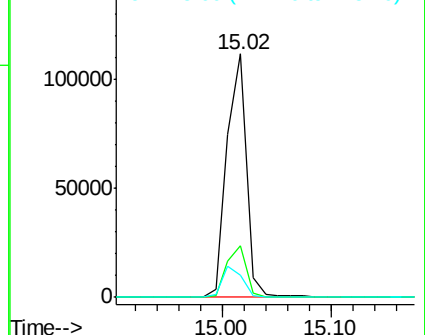
125 9.1 12.4 18.6#



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: 13.91 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

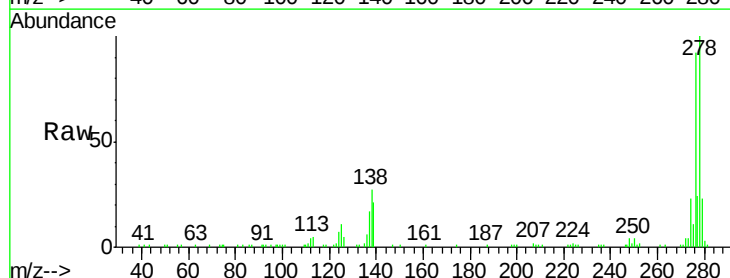
Tgt Ion:278 Resp: 102519

Ion Ratio Lower Upper

278 100

139 21.0 11.4 17.2#

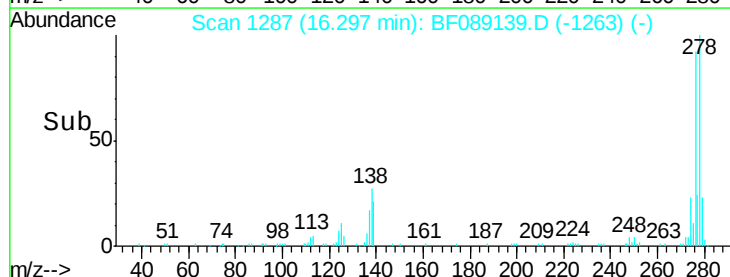
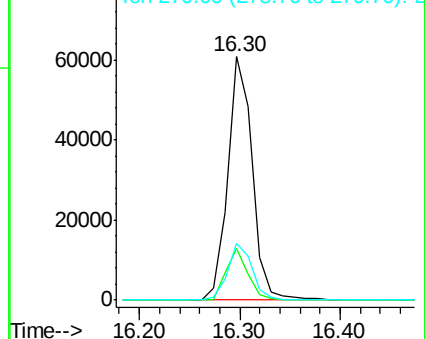
279 23.2 18.4 27.6

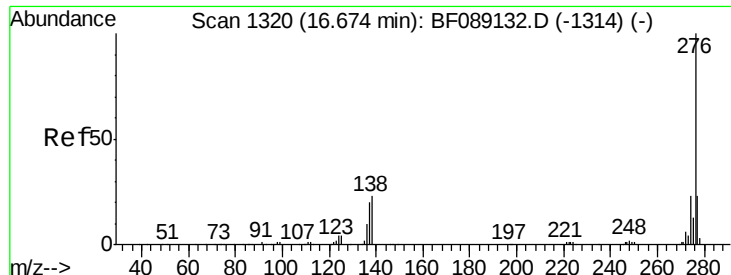


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.82 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089139.D

Acq: 20 Jul 2016 18:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

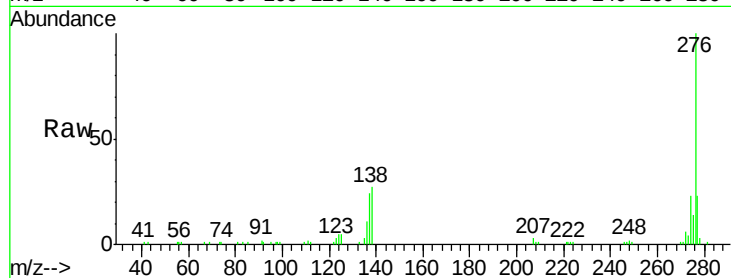
Tgt Ion: 276 Resp: 102662

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 27.2 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

