

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089143.D
 Acq On : 20 Jul 2016 20:53
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD 8PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 21 01:38:08 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	63750	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	287963	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	136818	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	275415	20.00	ng	0.00
75) Chrysene-d12	13.73	240	221703	20.00	ng	0.00
86) Perylene-d12	15.06	264	176204	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	433145	103.34	ng	0.01
7) Phenol-d6	6.26	99	567445	104.98	ng	-0.01
23) Nitrobenzene-d5	7.18	82	370974	68.45	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	138994	112.84	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	646628	65.12	ng	-0.01
78) Terphenyl-d14	12.69	244	572739	56.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	8844	4.86	ng	# 60
3) Pyridine	2.86	79	14752	3.19	ng	100
4) n-Nitrosodimethylamine	2.74	42	9437	4.85	ng	# 94
6) Aniline	6.27	93	15620	2.14	ng	# 1
8) 2-Chlorophenol	6.39	128	27889	6.00	ng	83
9) Benzaldehyde	6.15	77	22538	6.27	ng	99
10) Phenol	6.27	94	36469	5.86	ng	# 52
11) bis(2-Chloroethyl)ether	6.34	93	27773	5.94	ng	89
12) 1,3-Dichlorobenzene	6.54	146	28696	5.59	ng	98
13) 1,4-Dichlorobenzene	6.62	146	30526	5.90	ng	96
14) 1,2-Dichlorobenzene	6.62	146	30526	6.26	ng	99
15) Benzyl Alcohol	6.75	79	29158	7.37	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.89	45	29375	5.51	ng	# 69
17) 2-Methylphenol	6.88	107	23787	6.49	ng	97
18) Hexachloroethane	7.11	117	11610	5.97	ng	# 87
19) n-Nitroso-di-n-propylamine	7.02	70	20387	5.77	ng	# 88
20) 3+4-Methylphenols	7.04	107	31812	6.40	ng	90
22) Acetophenone	7.02	105	41838	5.44	ng	# 99
24) Nitrobenzene	7.19	77	33640	5.89	ng	91
25) Isophorone	7.43	82	55823	5.59	ng	98
26) 2-Nitrophenol	7.51	139	14220	5.33	ng	# 85
27) 2,4-Dimethylphenol	7.56	122	22806	5.08	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	34686	5.55	ng	98
29) 2,4-Dichlorophenol	7.76	162	21743	5.37	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	24706	5.51	ng	96
31) Naphthalene	7.91	128	84979	5.47	ng	100
32) Benzoic acid	7.66	122	11508	3.33	ng	90
33) 4-Chloroaniline	7.96	127	14279	2.18	ng	# 89
34) Hexachlorobutadiene	8.03	225	12581	5.04	ng	96
35) Caprolactam	8.31	113	6497	5.17	ng	95
36) 4-Chloro-3-methylphenol	8.46	107	28011	5.74	ng	100
37) 2-Methylnaphthalene	8.59	142	56216	5.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	24109	4.74	ng	99
40) Hexachlorocyclopentadiene	8.75	237	3438	10.26	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
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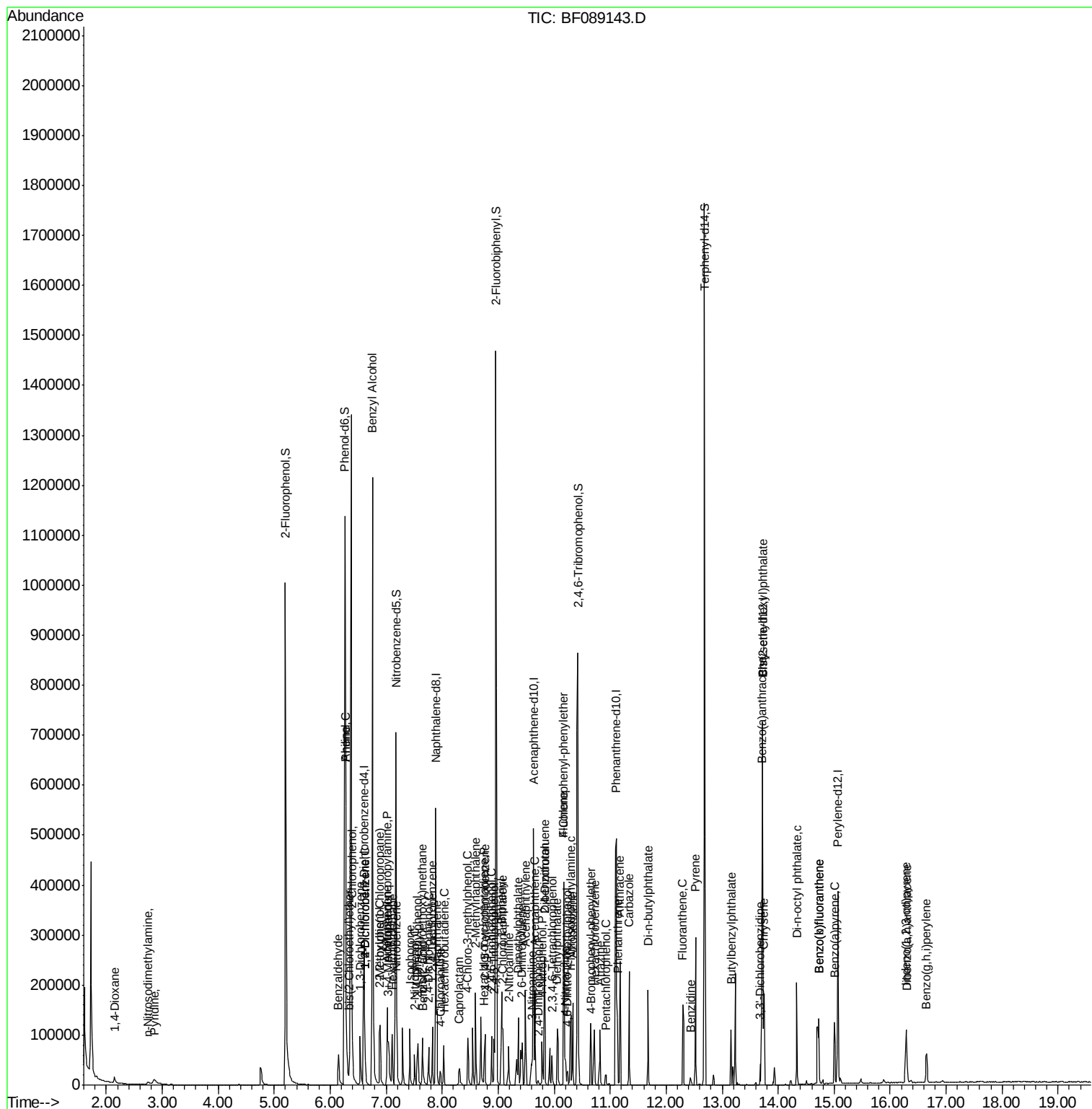
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	16458	5.78	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	16945	5.93	ng	# 90
45) 1,1'-Biphenyl	9.06	154	68512	5.56	ng	96
46) 2-Chloronaphthalene	9.08	162	51234	5.47	ng	92
47) 2-Nitroaniline	9.19	65	16324	5.08	ng	# 72
48) Acenaphthylene	9.48	152	83537	5.67	ng	99
49) Dimethylphthalate	9.36	163	63245	6.02	ng	98
50) 2,6-Dinitrotoluene	9.43	165	14109	5.95	ng	98
51) Acenaphthene	9.66	154	49447	5.68	ng	99
52) 3-Nitroaniline	9.60	138	10093	3.59	ng	92
53) 2,4-Dinitrophenol	9.71	184	1792	9.86	ng	# 90
54) Dibenzofuran	9.83	168	75831	6.44	ng	97
55) 4-Nitrophenol	9.78	139	7604	4.46	ng	92
56) 2,4-Dinitrotoluene	9.83	165	19097	6.25	ng	90
57) Fluorene	10.17	166	65177	6.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	12012	5.85	ng	# 98
59) Diethylphthalate	10.06	149	64891	6.23	ng	96
60) 4-Chlorophenyl-phenylether	10.17	204	29252	6.42	ng	# 83
61) 4-Nitroaniline	10.20	138	13721	5.01	ng	90
62) Azobenzene	10.33	77	72978	6.45	ng	91
64) 4,6-Dinitro-2-methylphenol	10.24	198	5784	3.61	ng	94
65) n-Nitrosodiphenylamine	10.30	169	53582	5.82	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	15251	5.60	ng	# 76
67) Hexachlorobenzene	10.72	284	16293	5.56	ng	# 82
68) Atrazine	10.82	200	17182	5.97	ng	97
69) Pentachlorophenol	10.92	266	5111	3.78	ng	96
70) Phenanthrene	11.13	178	88826	5.88	ng	99
71) Anthracene	11.18	178	96484	6.14	ng	100
72) Carbazole	11.34	167	88681	6.43	ng	99
73) Di-n-butylphthalate	11.68	149	106029	6.21	ng	# 97
74) Fluoranthene	12.30	202	90936	5.73	ng	96
76) Benzidine	12.43	184	10332	1.36	ng	99
77) Pyrene	12.53	202	98197	5.36	ng	99
79) Butylbenzylphthalate	13.17	149	40499	5.23	ng	# 76
80) Benzo(a)anthracene	13.71	228	76330	5.41	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	9569	2.04	ng	95
82) Chrysene	13.75	228	72150	5.35	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	56104	5.46	ng	# 98
84) Di-n-octyl phthalate	14.33	149	94498	5.57	ng	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	54197	5.53	ng	99
87) Benzo(b)fluoranthene	14.73	252	130218	10.20	ng	# 92
88) Benzo(k)fluoranthene	14.73	252	130218	14.27	ng	100
89) Benzo(a)pyrene	15.01	252	60130	6.07	ng	99
90) Dibenzo(a,h)anthracene	16.30	278	44042	5.63	ng	# 94
91) Benzo(g,h,i)perylene	16.65	276	44749	5.67	ng	98

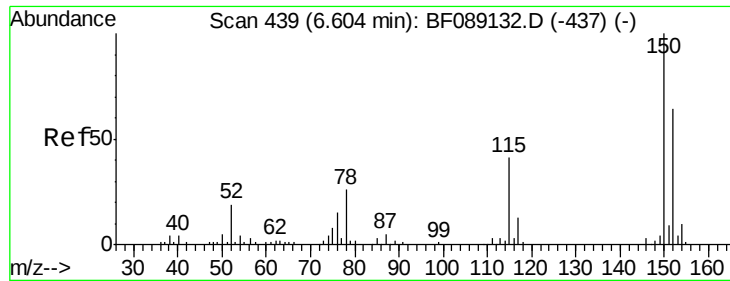
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 15      Sample Multiplier: 1
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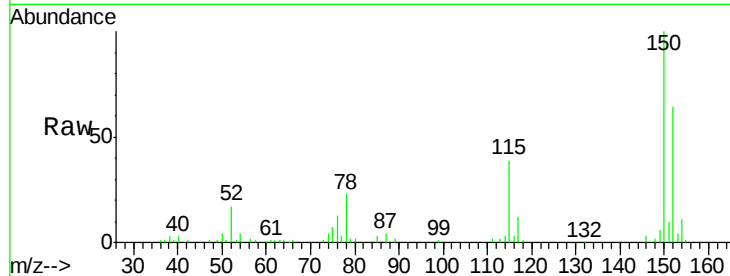


#1

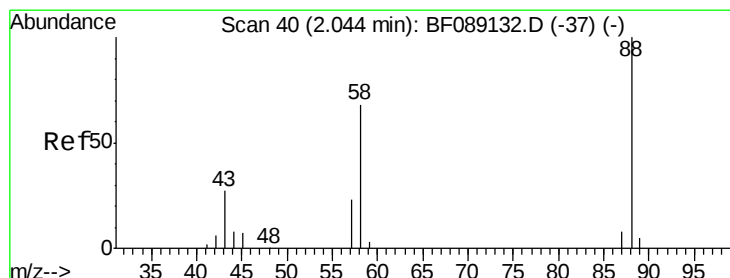
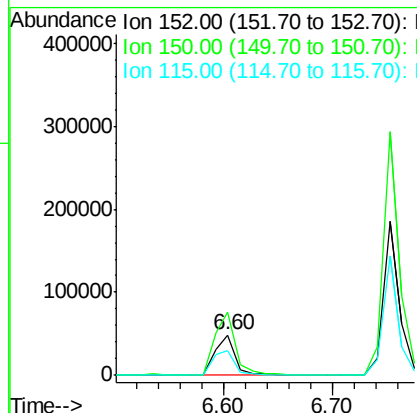
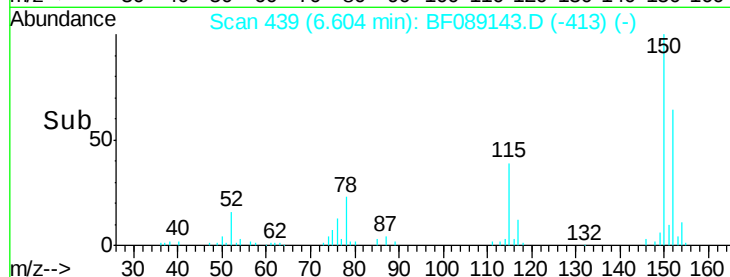
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 63750
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 60.6 51.1 76.7



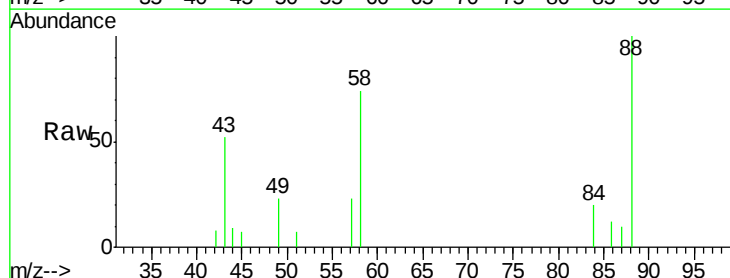
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



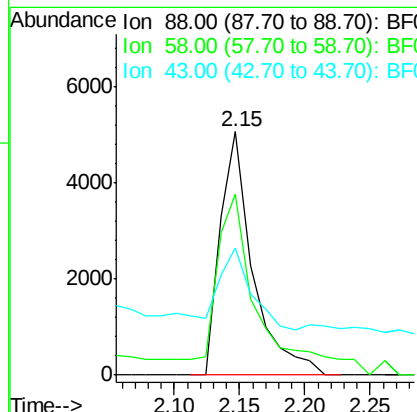
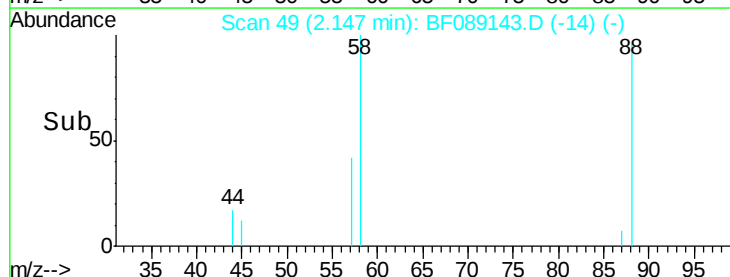
#2

1,4-Dioxane
Concen: 4.86 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.10 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion: 88 Resp: 8844
Ion Ratio Lower Upper
88 100
58 99.6 49.2 73.8#
43 33.7 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

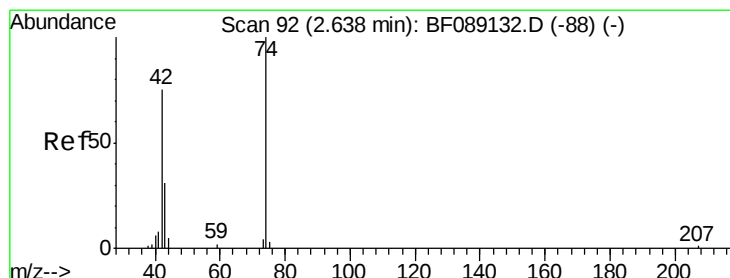
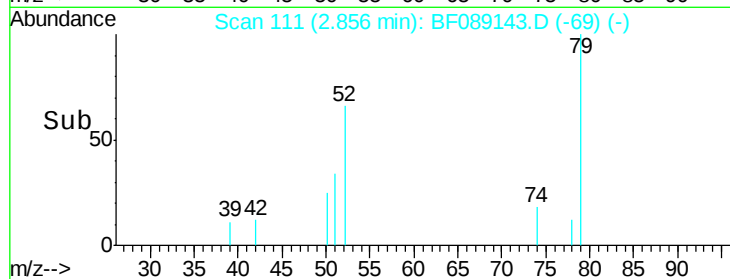
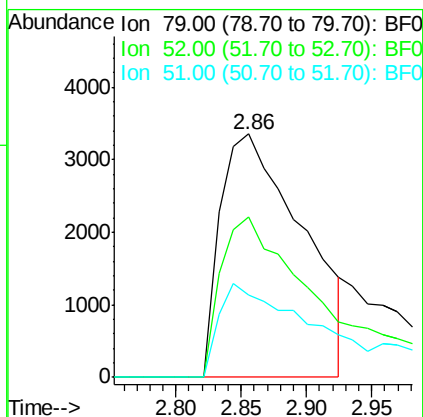
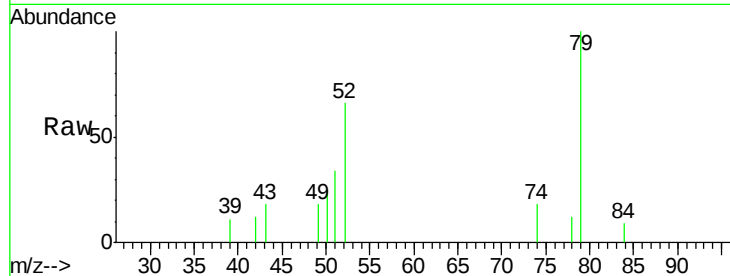




#3
 Pyridine
 Concen: 3.19 ng
 RT: 2.86 min Scan# 111
 Delta R.T. 0.18 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

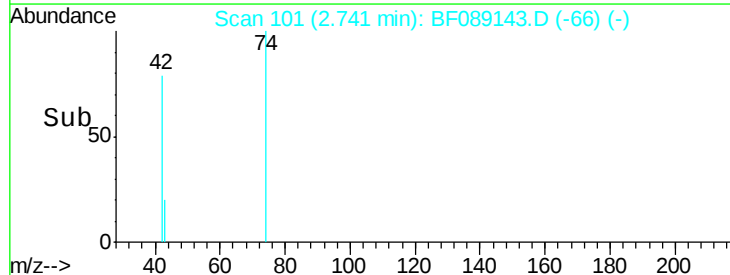
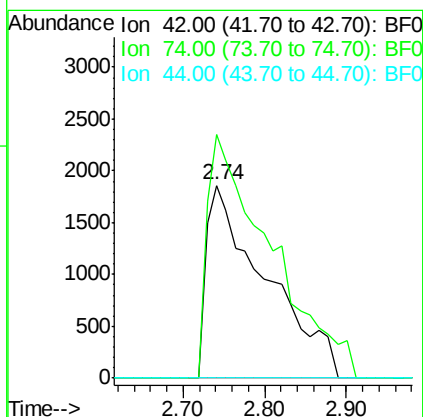
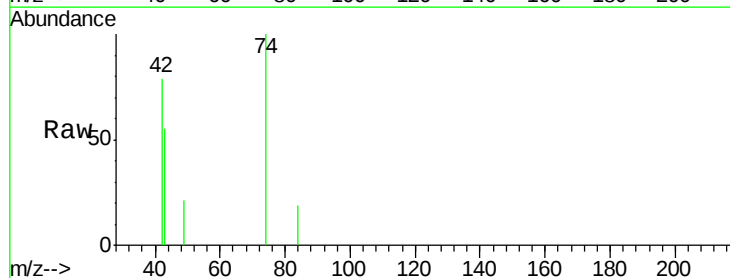
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

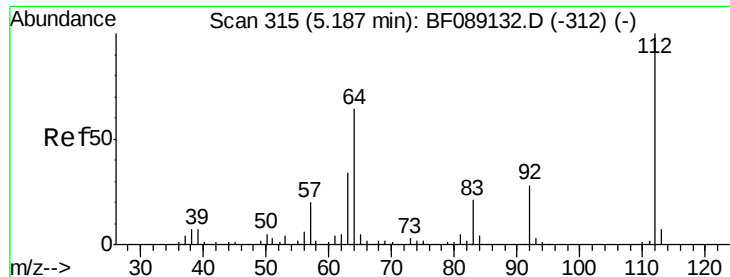
Tgt Ion: 79 Resp: 14752
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.9 79.3
 51 34.0 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 4.85 ng
 RT: 2.74 min Scan# 101
 Delta R.T. 0.10 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion: 42 Resp: 9437
 Ion Ratio Lower Upper
 42 100
 74 126.4 106.4 159.6
 44 0.0 5.2 7.8#





#5

2-Fluorophenol

Concen: 103.34 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

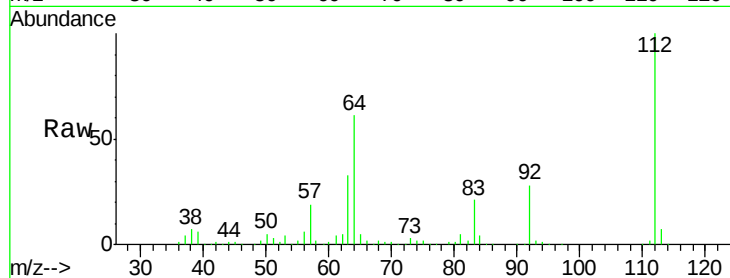
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

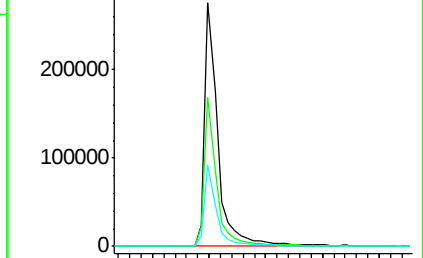
Tgt Ion:	112	Resp:	433145
Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.0	76.4
63	33.2	27.3	40.9



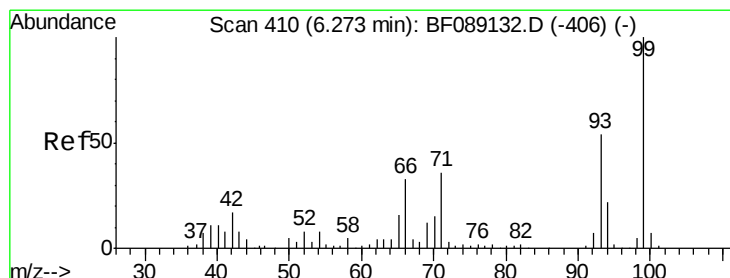
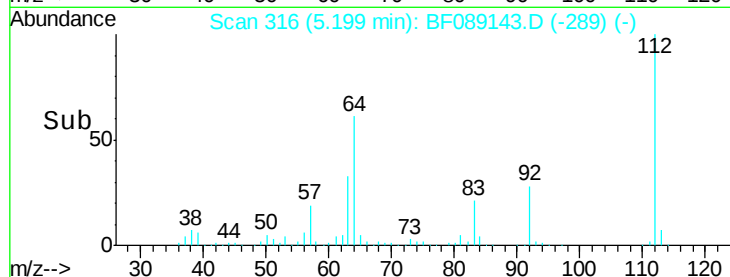
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 2.14 ng

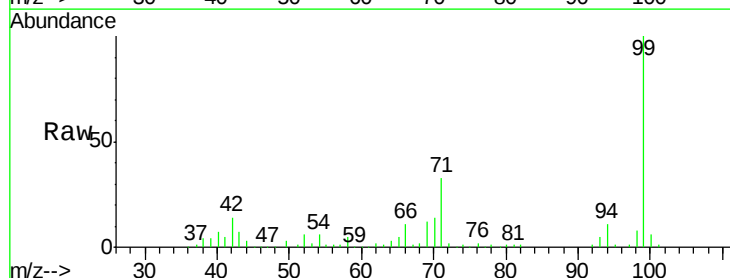
RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

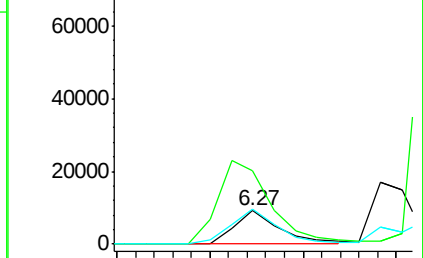
Tgt Ion:	93	Resp:	15620
Ion	Ratio	Lower	Upper
93	100		
66	219.0	48.9	73.3#
65	102.3	23.9	35.9#



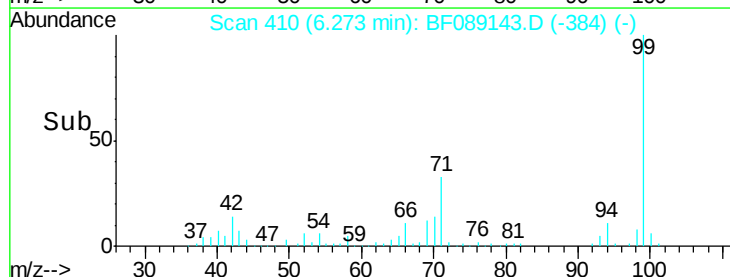
Abundance Ion 93.00 (92.70 to 93.70): BF0

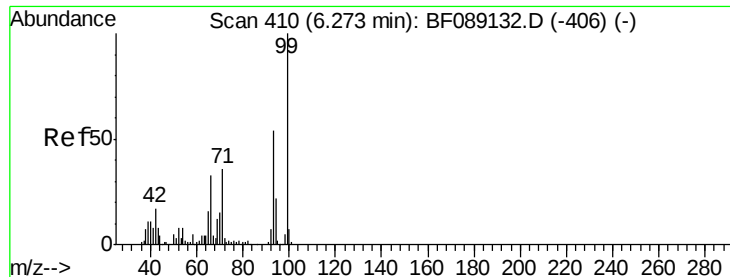
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 104.98 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

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LOD-WATER2016-01

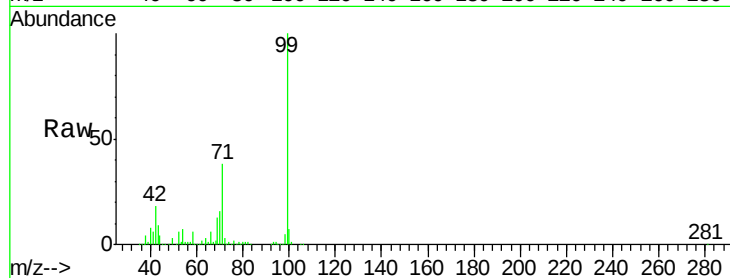
Tgt Ion: 99 Resp: 567445

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

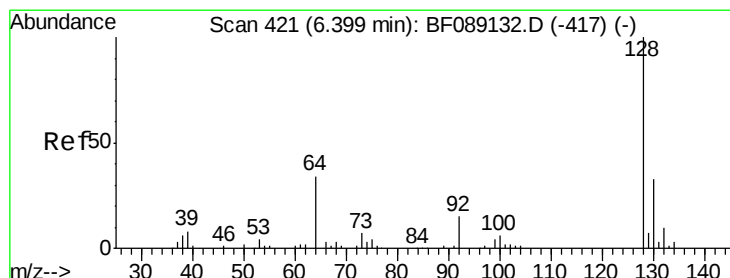
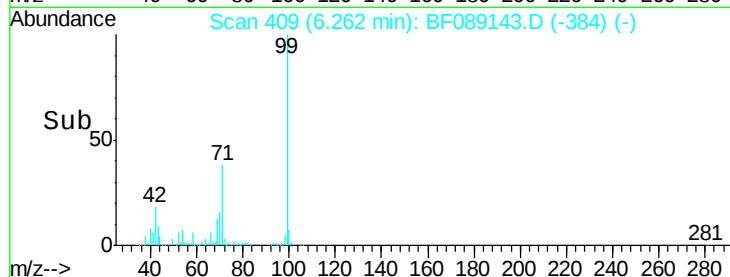
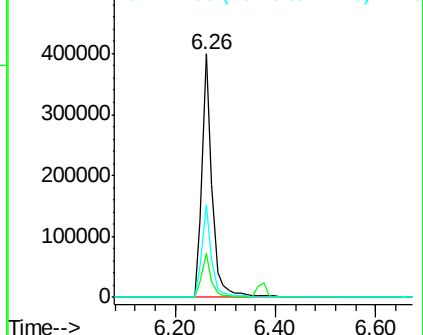
71 37.9 28.9 43.3



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: 6.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

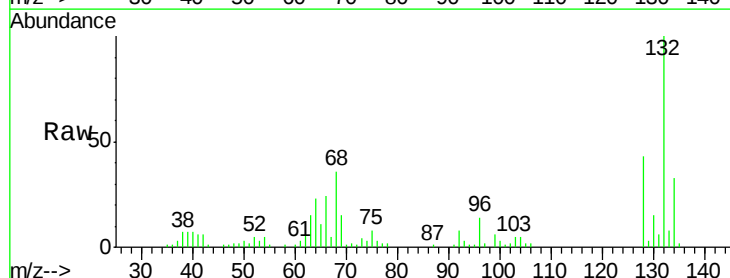
Tgt Ion: 128 Resp: 27889

Ion Ratio Lower Upper

128 100

130 35.2 12.6 52.6

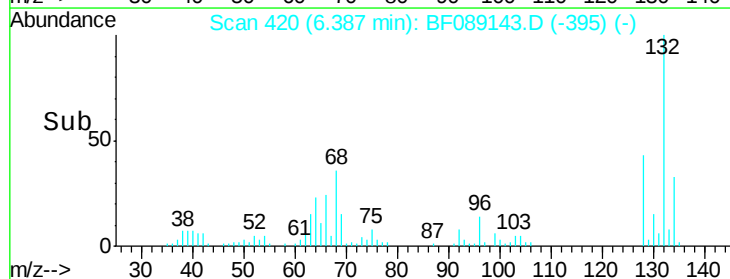
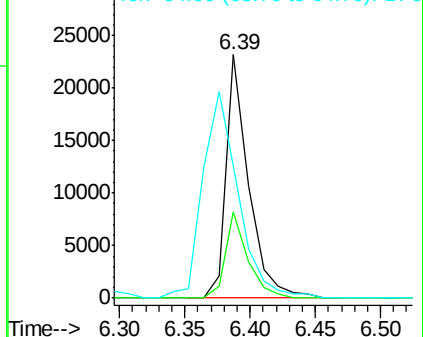
64 54.2 17.5 57.5

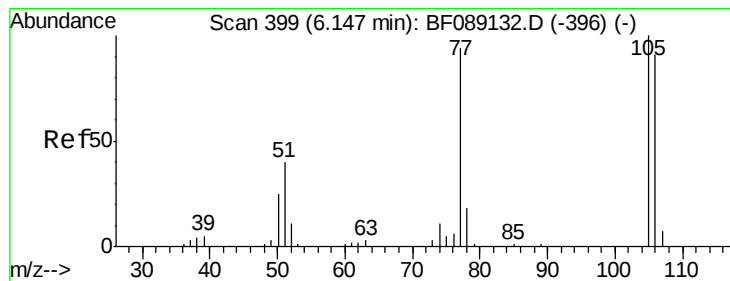


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.27 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

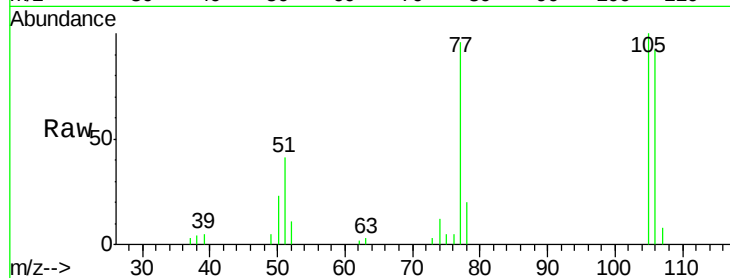
Tgt Ion: 77 Resp: 22538

Ion Ratio Lower Upper

77 100

105 104.3 86.2 126.2

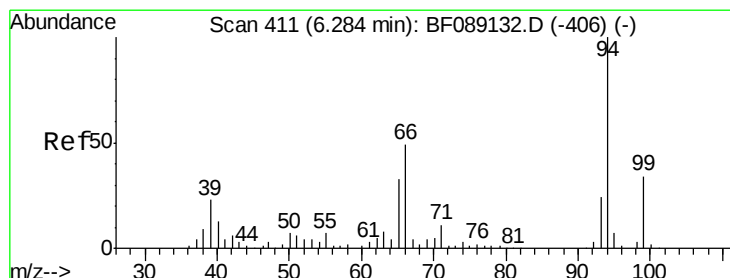
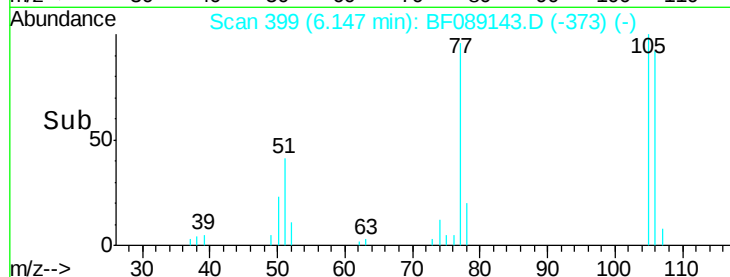
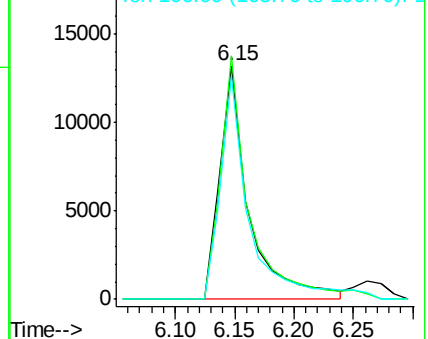
106 95.9 76.3 116.3



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: 5.86 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

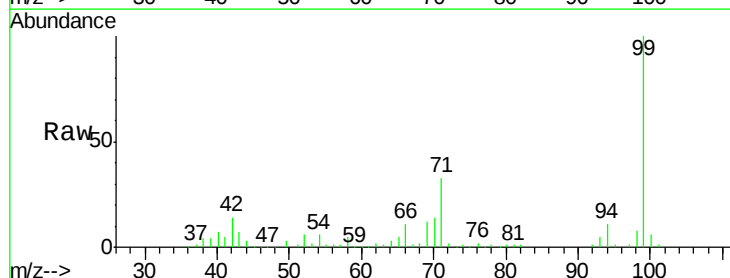
Tgt Ion: 94 Resp: 36469

Ion Ratio Lower Upper

94 100

65 44.7 13.3 53.3

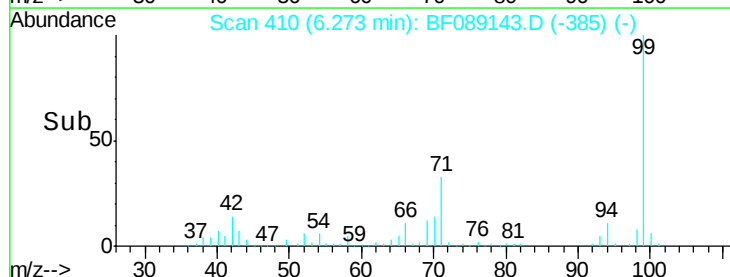
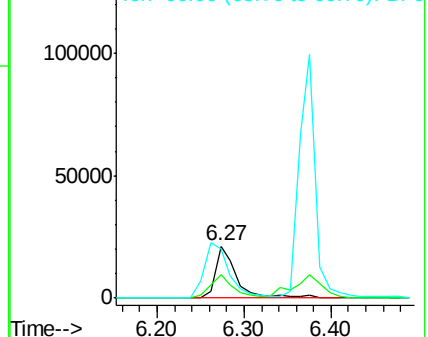
66 95.6 29.3 69.3#



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: 5.94 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

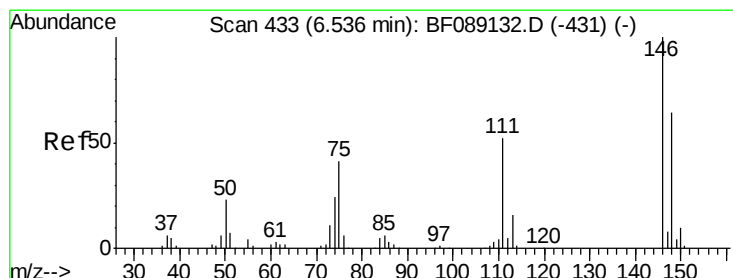
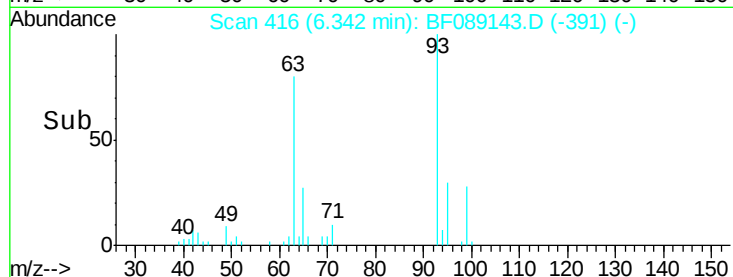
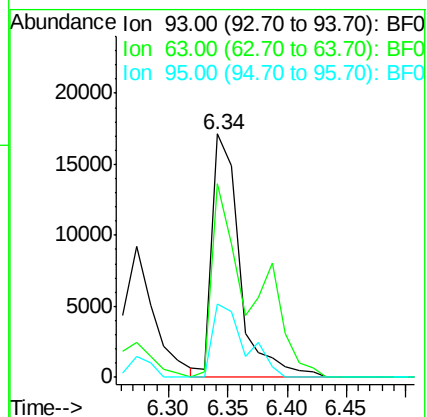
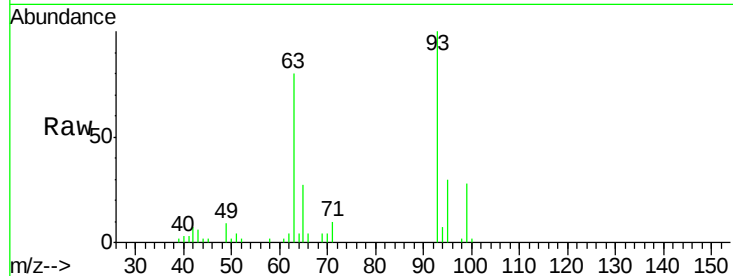
Tgt Ion: 93 Resp: 27773

Ion Ratio Lower Upper

93 100

63 79.5 47.3 87.3

95 30.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 5.59 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

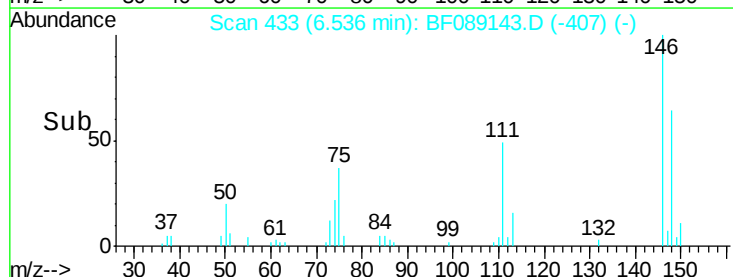
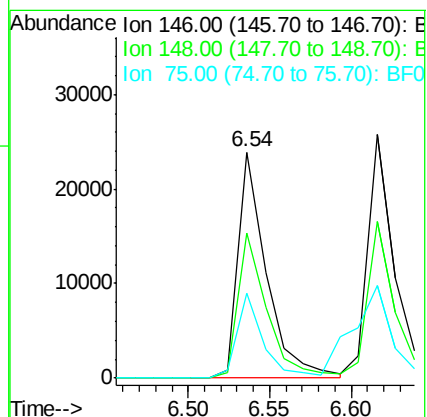
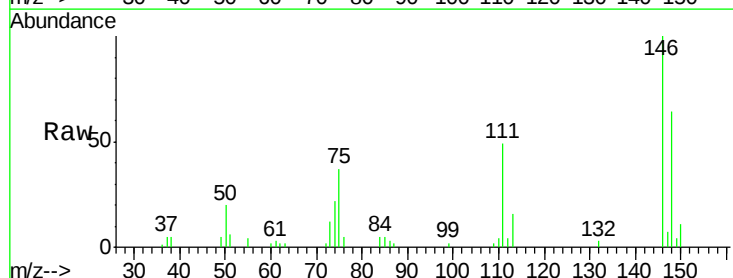
Tgt Ion: 146 Resp: 28696

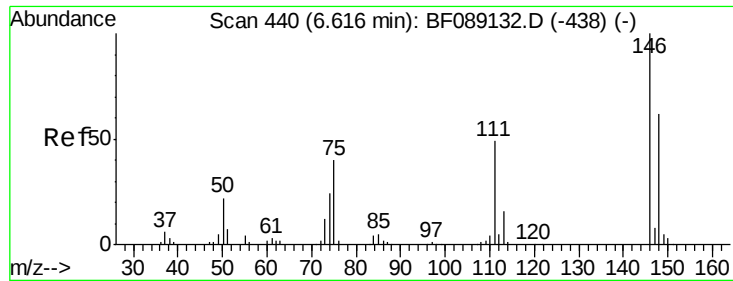
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

75 37.5 32.5 48.7

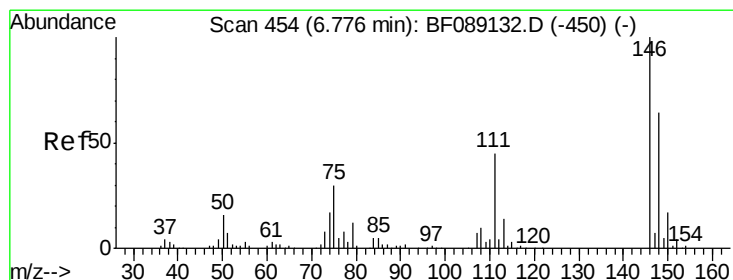
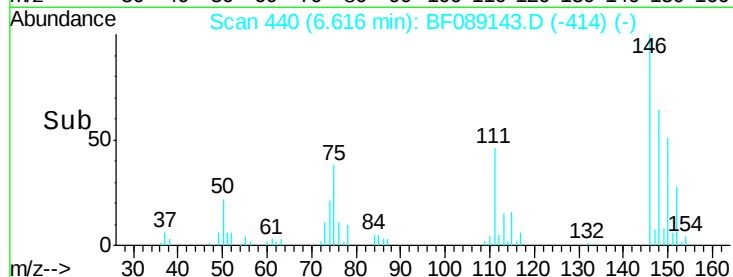
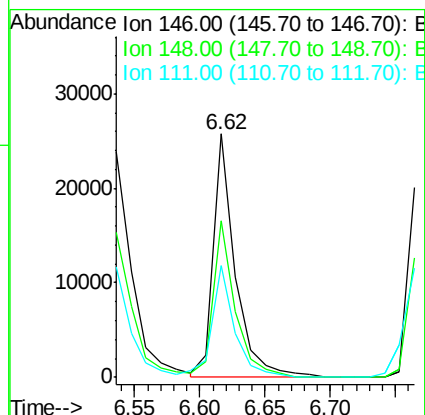
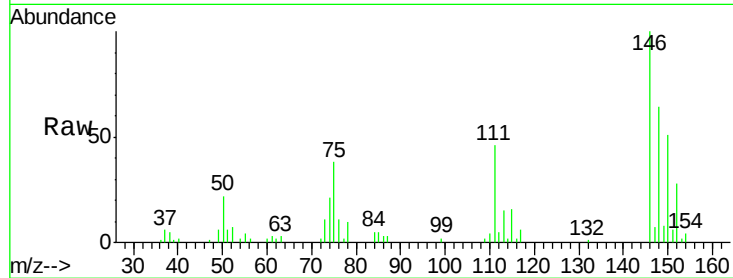




#13
 1,4-Dichlorobenzene
 Concen: 5.90 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

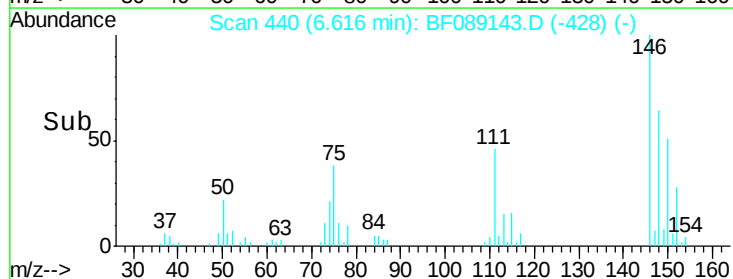
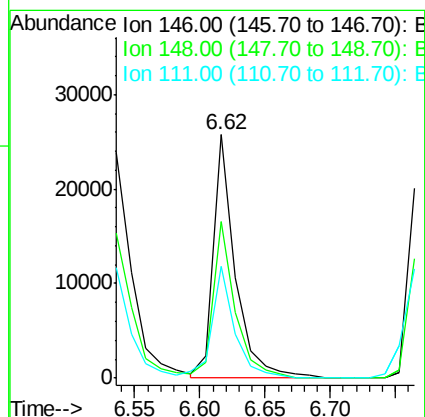
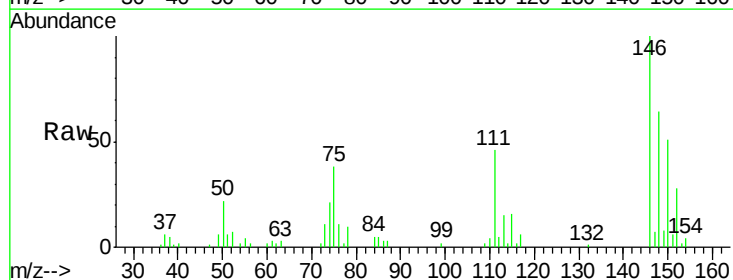
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

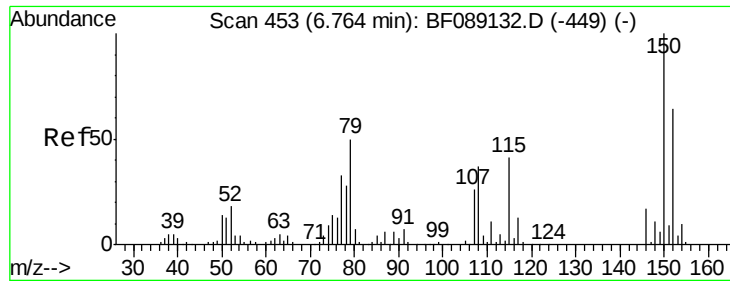
Tgt Ion:146 Resp: 30526
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.9 74.9
 111 45.9 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 6.26 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.16 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:146 Resp: 30526
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.0
 111 45.9 35.9 53.9

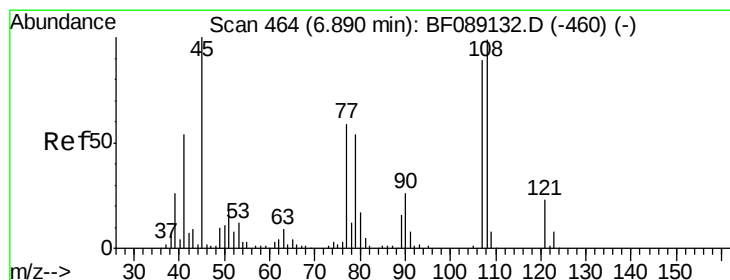
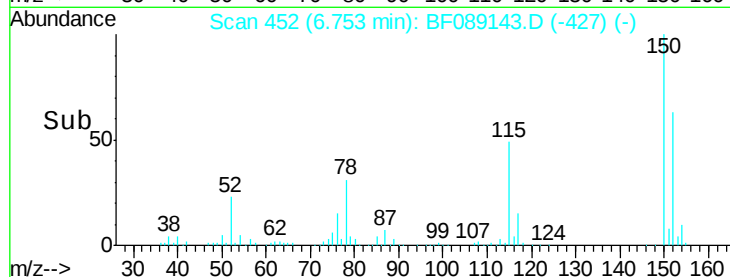
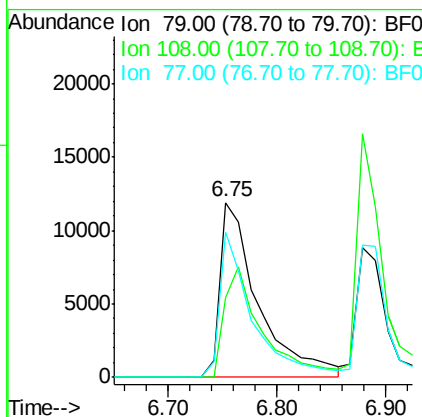
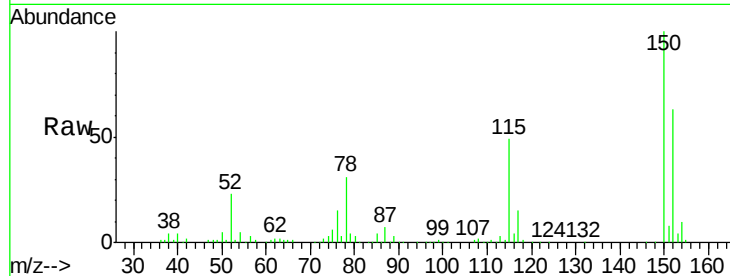




#15
Benzyl Alcohol
Concen: 7.37 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

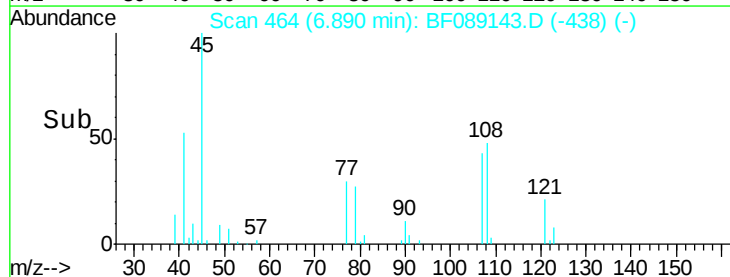
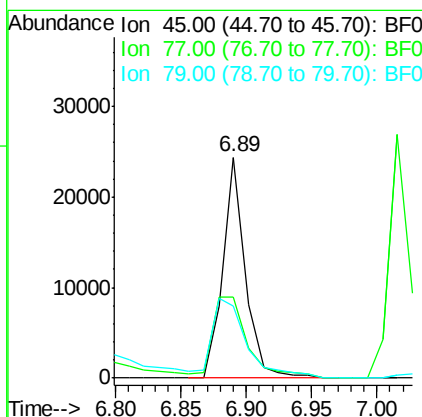
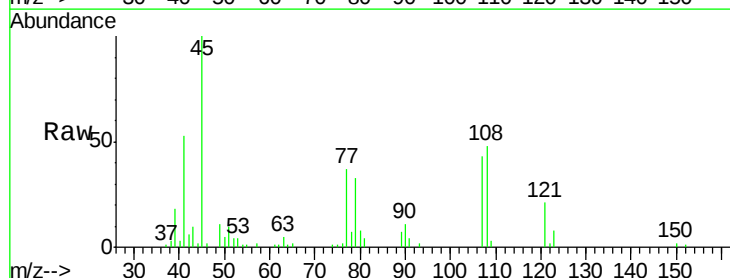
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

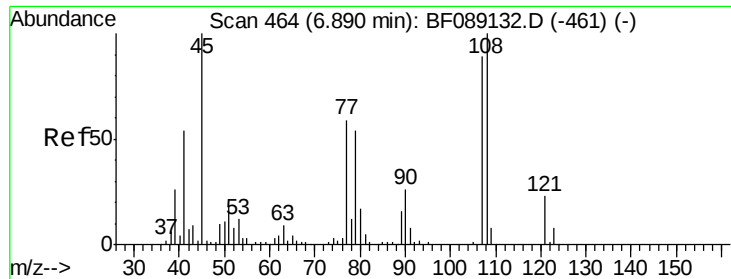
Tgt Ion: 79 Resp: 29158
Ion Ratio Lower Upper
79 100
108 45.5 58.2 87.4#
77 82.8 52.2 78.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.51 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion: 45 Resp: 29375
Ion Ratio Lower Upper
45 100
77 36.6 39.7 79.7#
79 32.7 34.7 74.7#

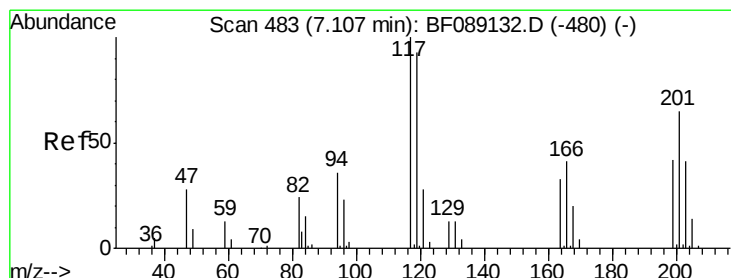
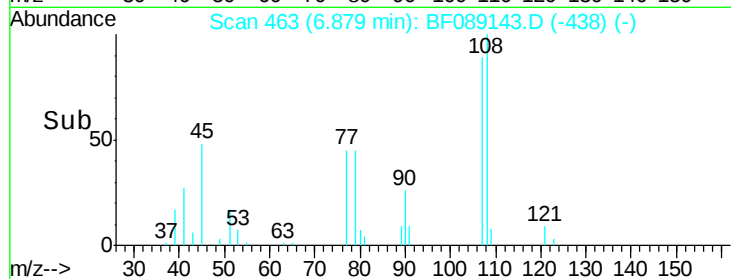
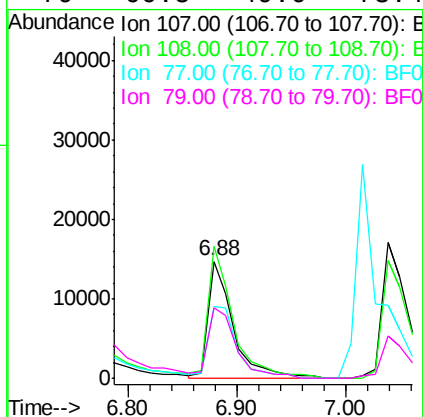
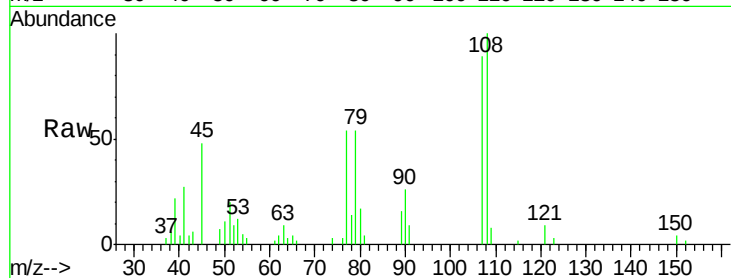




#17
2-Methylphenol
Concen: 6.49 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

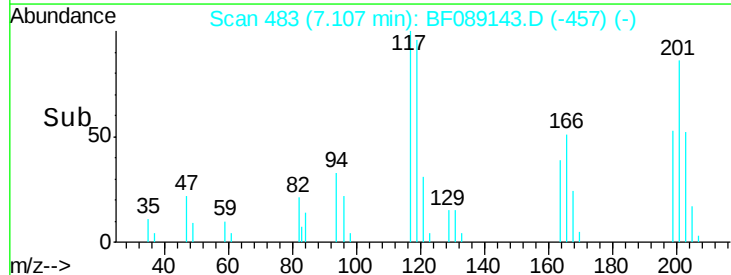
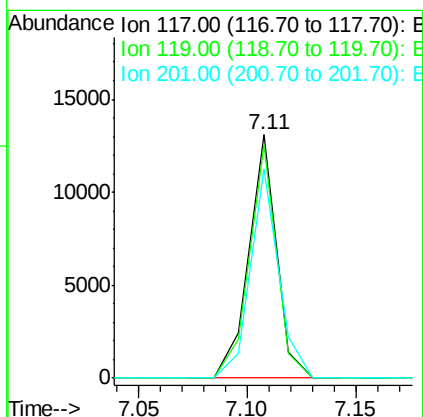
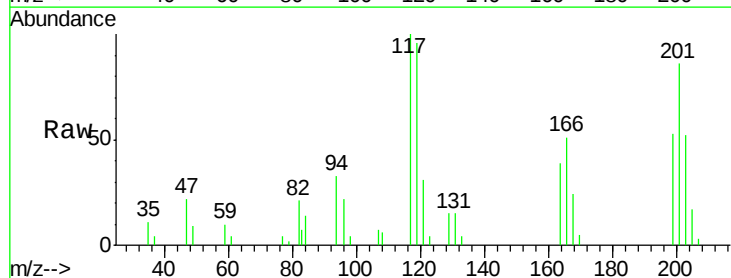
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

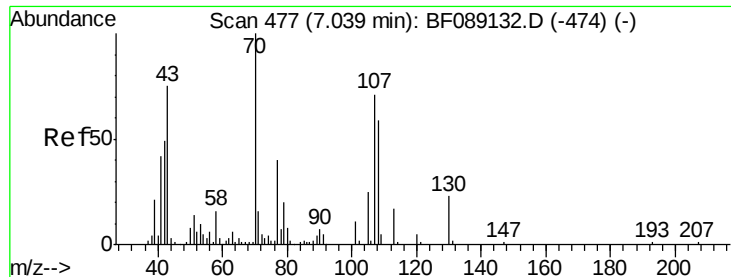
Tgt Ion:107 Resp: 23787
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.2
77 61.4 53.4 80.0
79 60.5 49.0 73.4



#18
Hexachloroethane
Concen: 5.97 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:117 Resp: 11610
Ion Ratio Lower Upper
117 100
119 95.7 74.5 111.7
201 85.8 51.8 77.6#

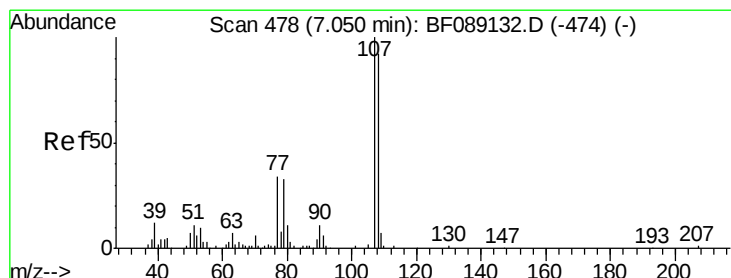
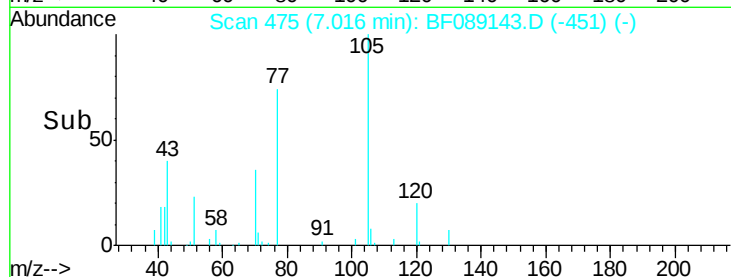
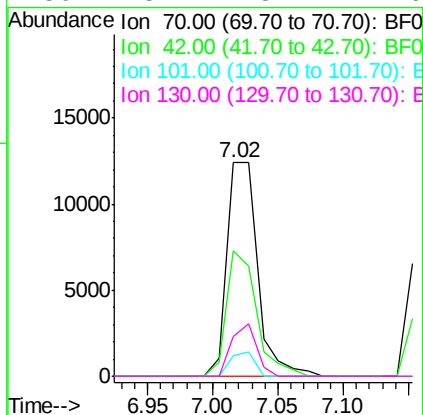
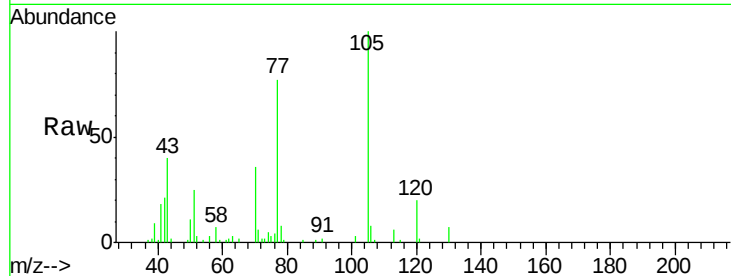




#19
 n-Nitroso-di-n-propylamine
 Concen: 5.77 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

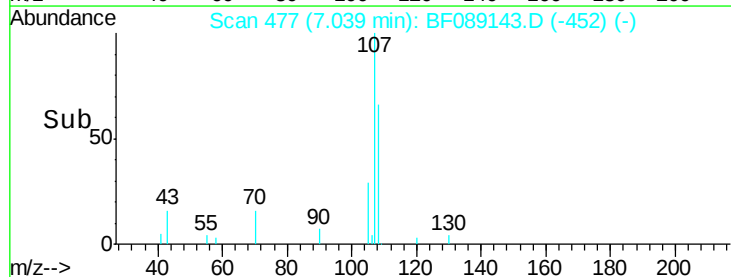
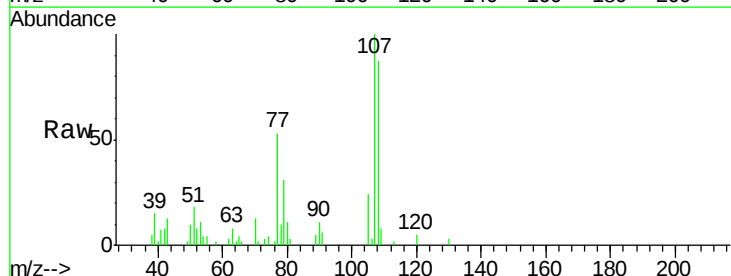
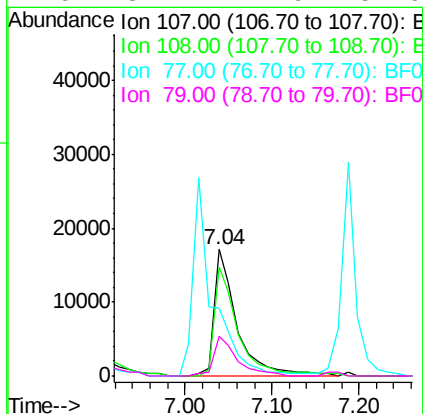
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

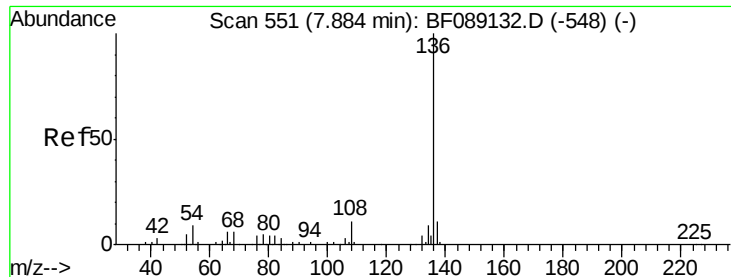
Tgt Ion: 70 Resp: 20387
 Ion Ratio Lower Upper
 70 100
 42 59.0 39.2 58.8#
 101 9.4 8.5 12.7
 130 18.7 18.4 27.6



#20
 3+4-Methylphenols
 Concen: 6.40 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion: 107 Resp: 31812
 Ion Ratio Lower Upper
 107 100
 108 86.5 72.5 112.5
 77 53.4 17.7 57.7
 79 31.4 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: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:136 Resp: 287963

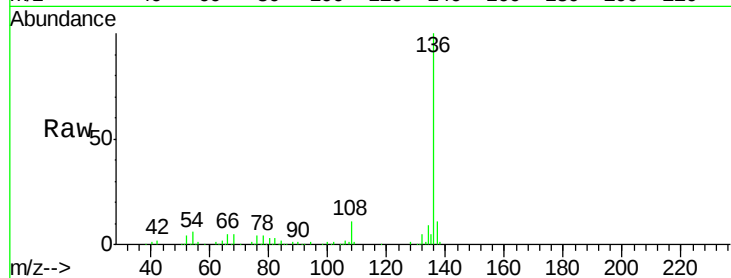
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 7.0 10.4#

68 5.2 5.0 7.6

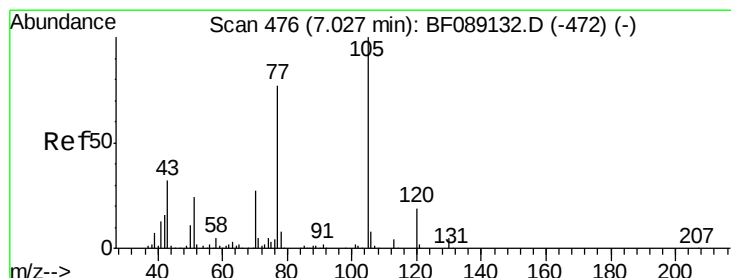
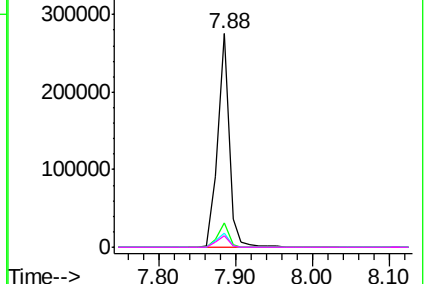
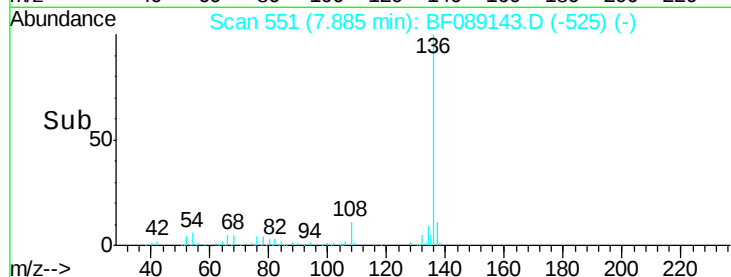


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 5.44 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Tgt Ion:105 Resp: 41838

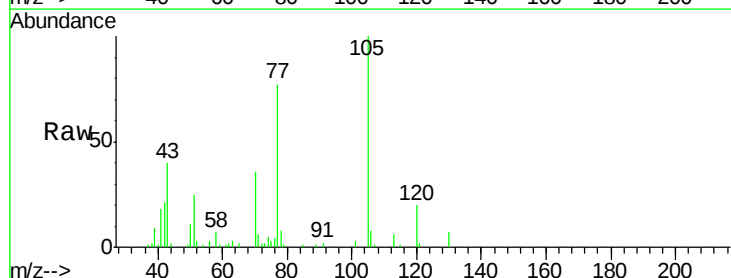
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 24.7 19.6 29.4

120 19.5 15.5 23.3

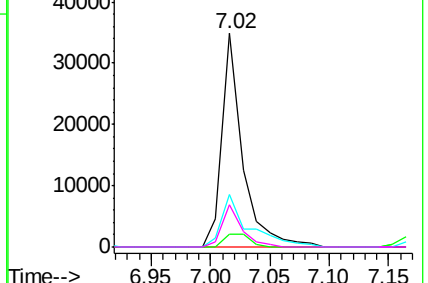
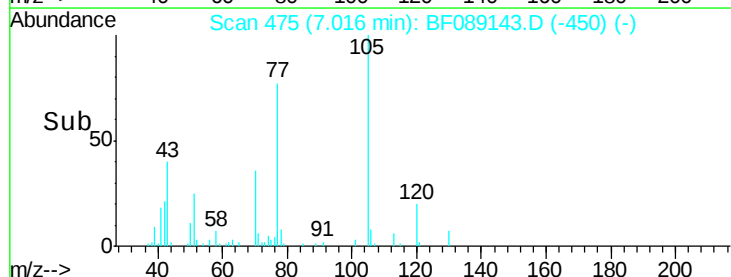


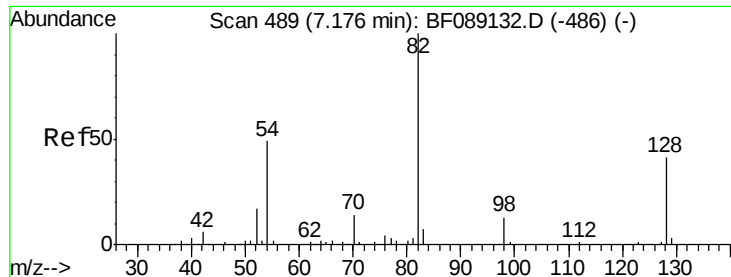
Abundance Ion 105.00 (104.70 to 105.70): E

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

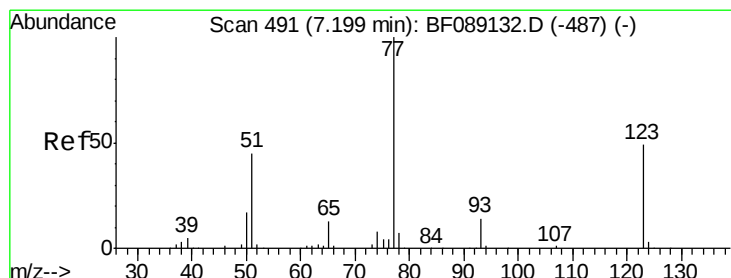
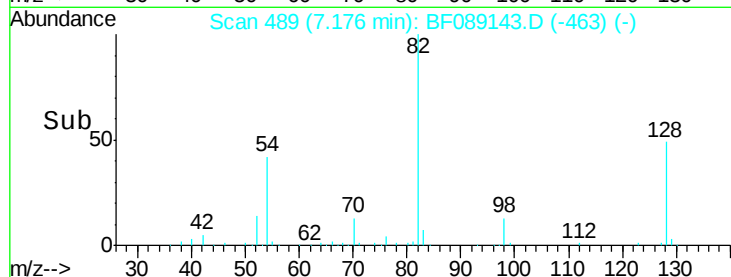
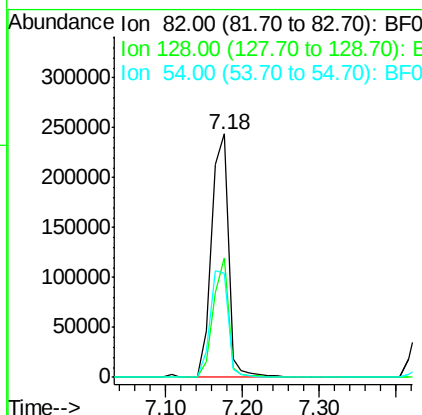
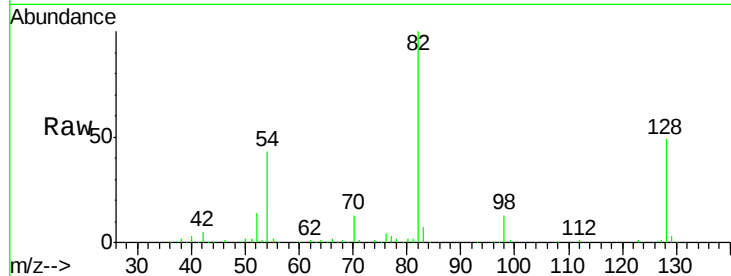




#23
 Nitrobenzene-d5
 Concen: 68.45 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

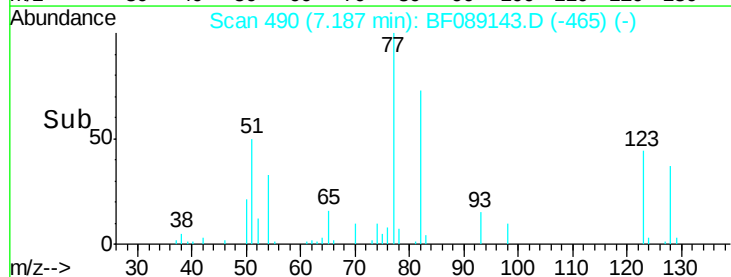
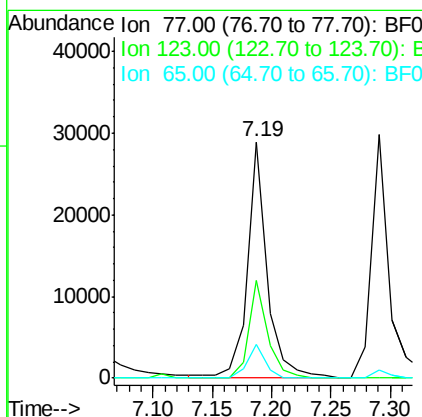
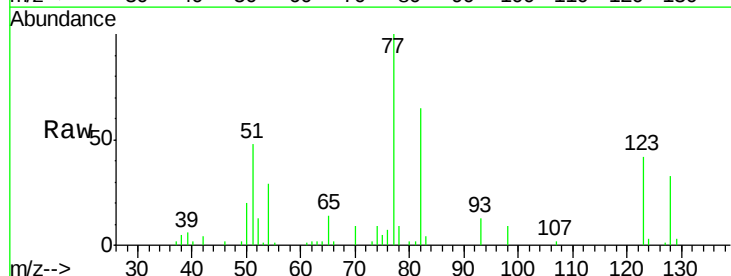
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 82 Resp: 370974
 Ion Ratio Lower Upper
 82 100
 128 49.1 33.0 49.6
 54 42.7 39.0 58.4



#24
 Nitrobenzene
 Concen: 5.89 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion: 77 Resp: 33640
 Ion Ratio Lower Upper
 77 100
 123 41.5 38.9 58.3
 65 14.0 10.6 15.8





#25

Isophorone

Concen: 5.59 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

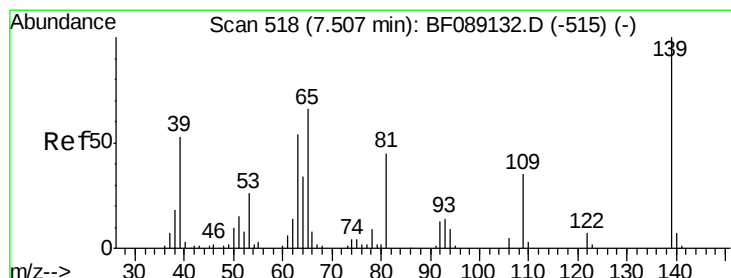
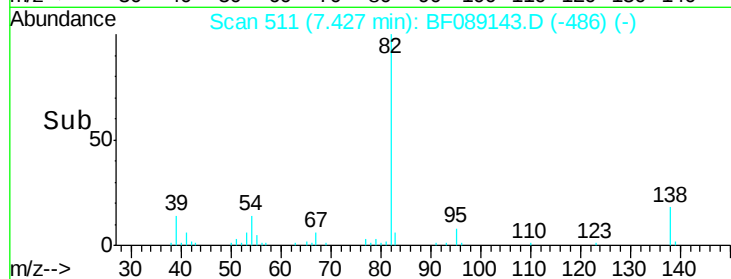
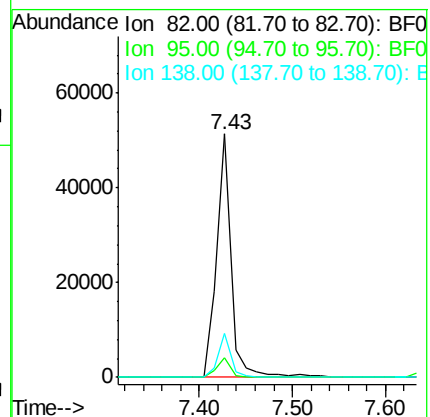
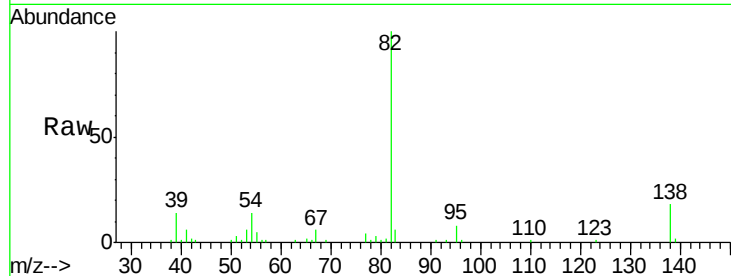
Tgt Ion: 82 Resp: 55823

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

138 18.0 13.6 20.4



#26

2-Nitrophenol

Concen: 5.33 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

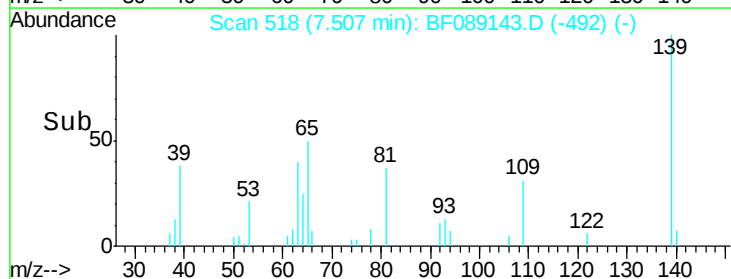
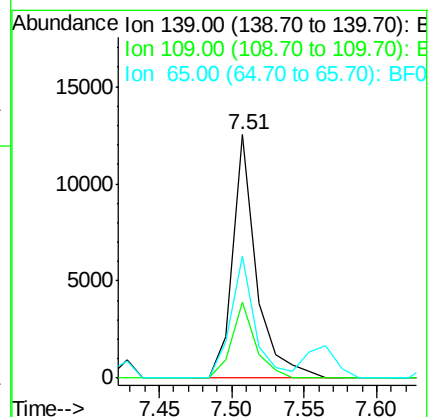
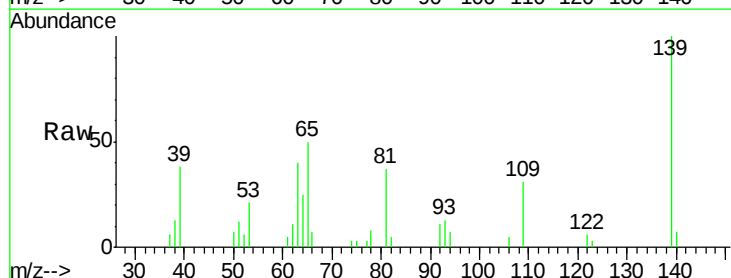
Tgt Ion: 139 Resp: 14220

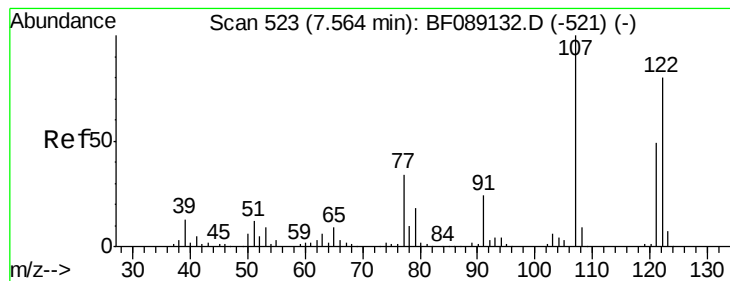
Ion Ratio Lower Upper

139 100

109 31.3 28.1 42.1

65 49.9 52.7 79.1#





#27

2,4-Dimethylphenol

Concen: 5.08 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

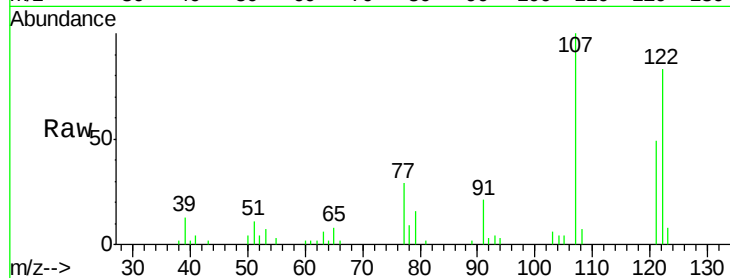
Tgt Ion:122 Resp: 22806

Ion Ratio Lower Upper

122 100

107 121.0 99.7 149.5

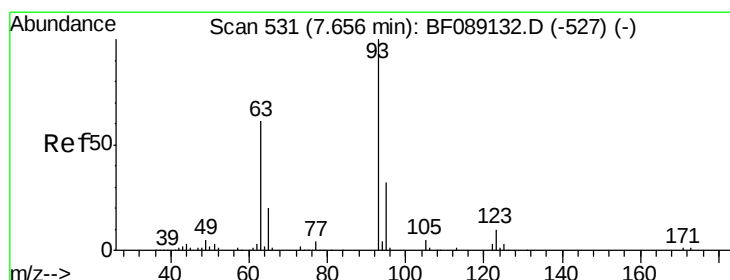
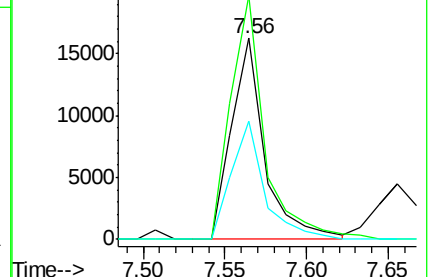
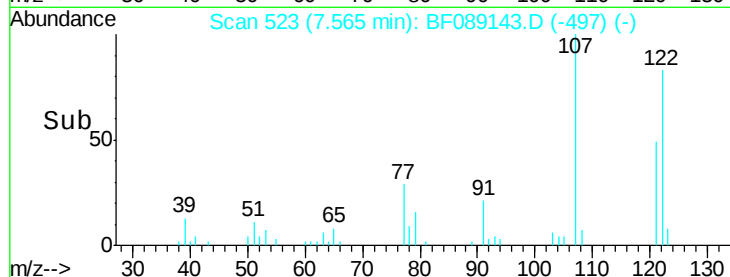
121 59.0 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.55 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

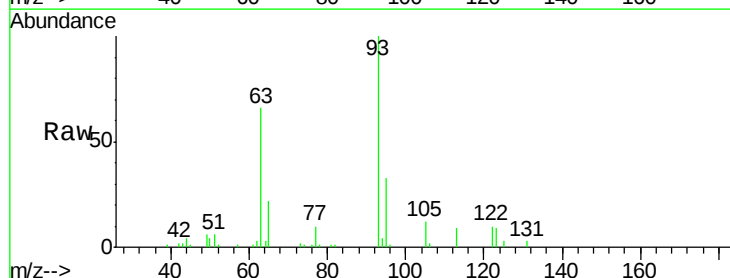
Tgt Ion: 93 Resp: 34686

Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

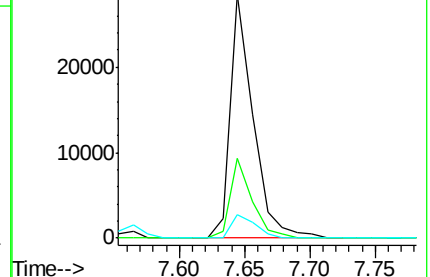
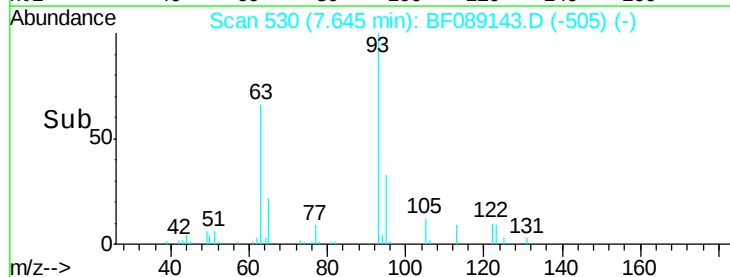
123 9.5 8.3 12.5

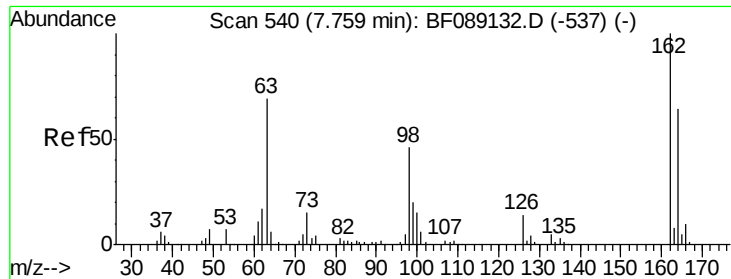


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

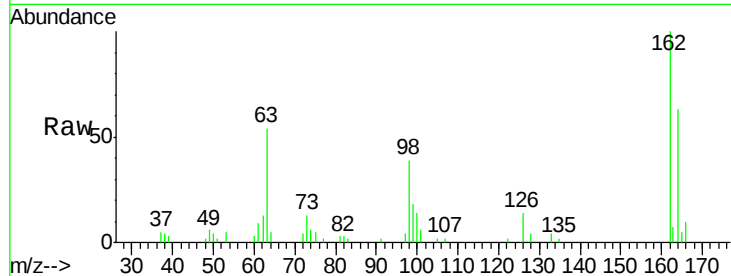




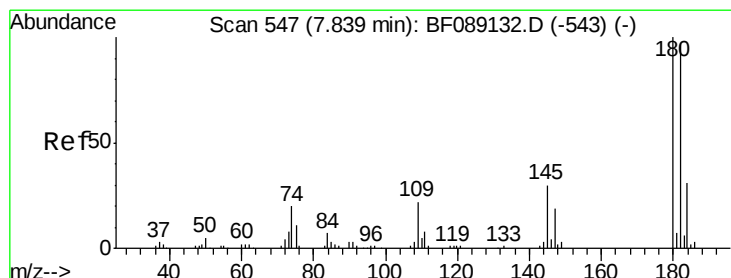
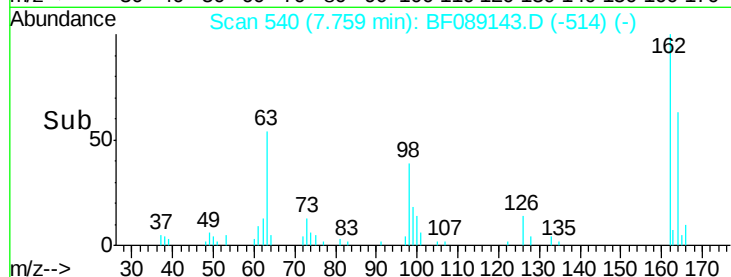
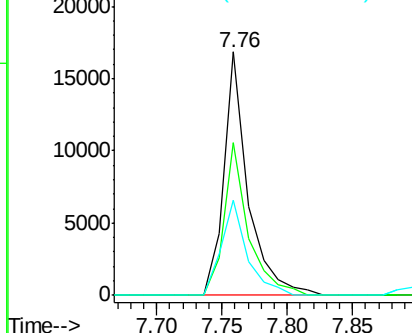
#29
 2,4-Dichlorophenol
 Concen: 5.37 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:162 Resp: 21743
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.0 84.0
 98 39.0 26.0 66.0

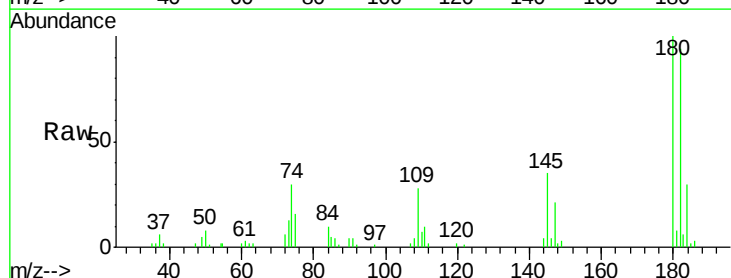


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

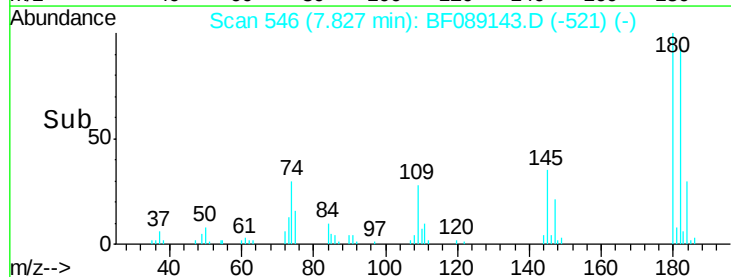
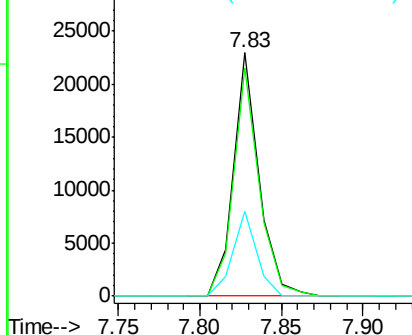


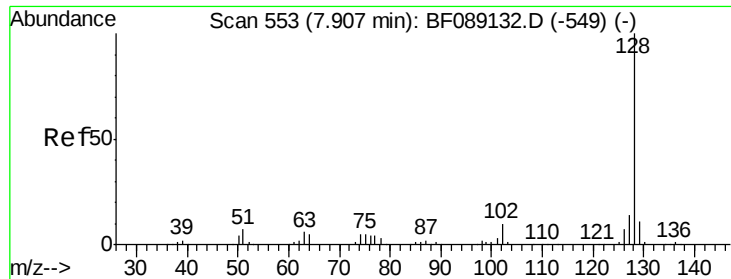
#30
 1,2,4-Trichlorobenzene
 Concen: 5.51 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:180 Resp: 24706
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.6 116.4
 145 34.7 24.0 36.0



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

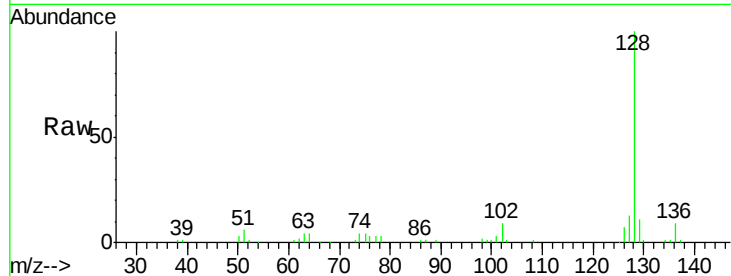




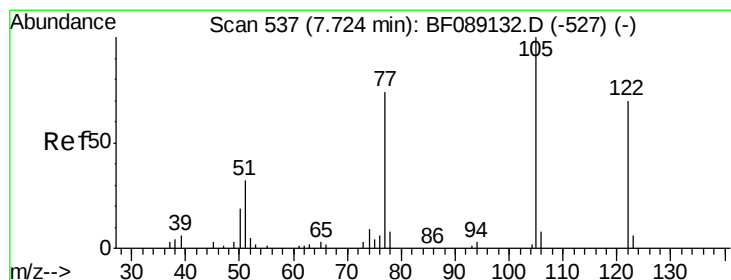
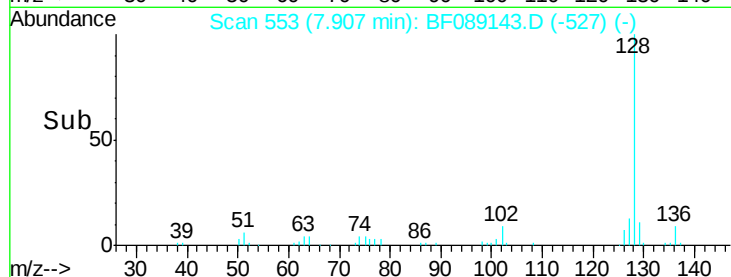
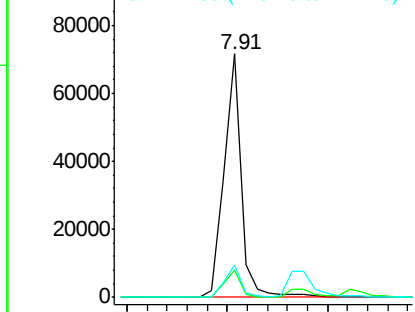
#31
Naphthalene
Concen: 5.47 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:128 Resp: 84979
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.8 16.2

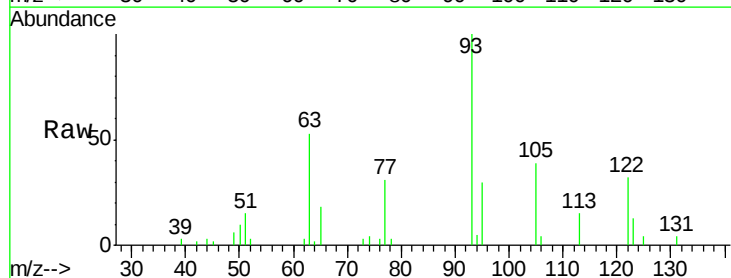


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

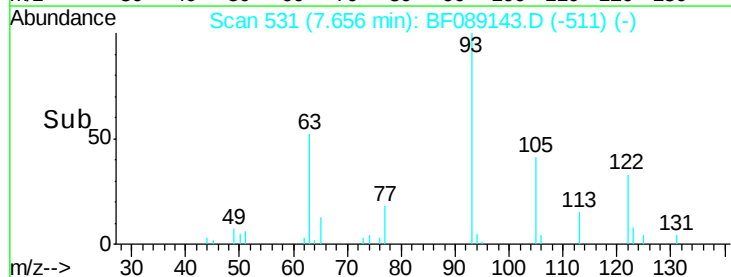
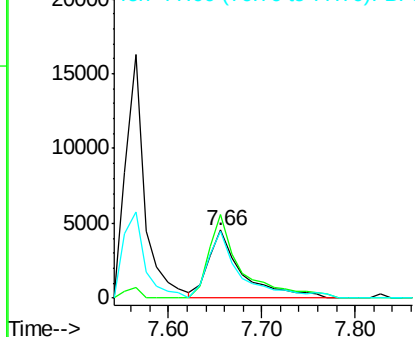


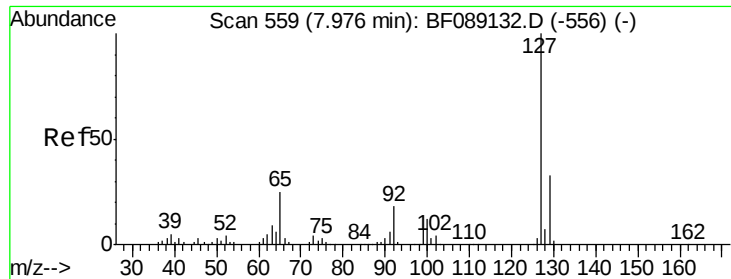
#32
Benzoic acid
Concen: 3.33 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:122 Resp: 11508
Ion Ratio Lower Upper
122 100
105 123.9 119.0 159.0
77 98.5 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

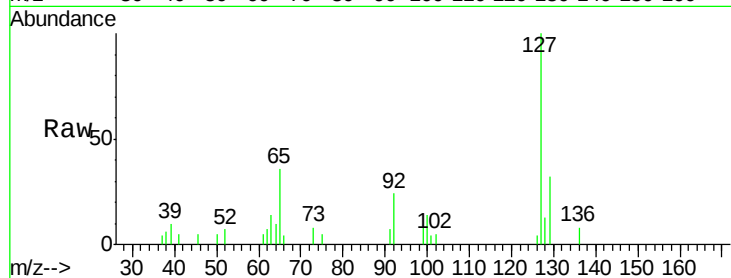




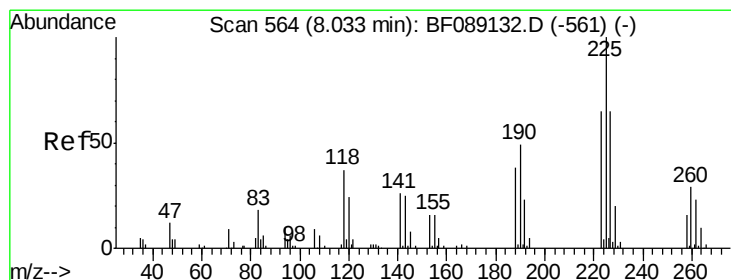
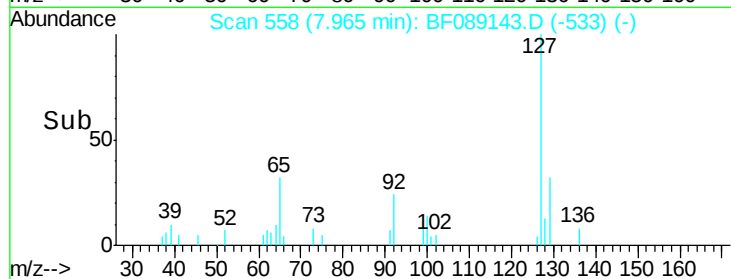
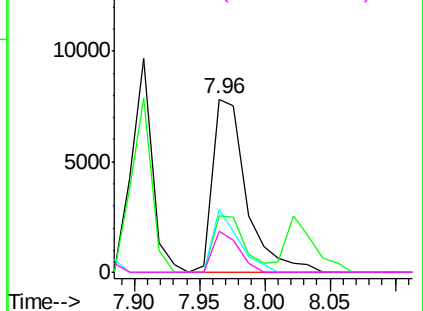
#33
4-Chloroaniline
Concen: 2.18 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:	127	Resp:	14279
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	36.3	19.7	29.5#
92	23.8	14.3	21.5#

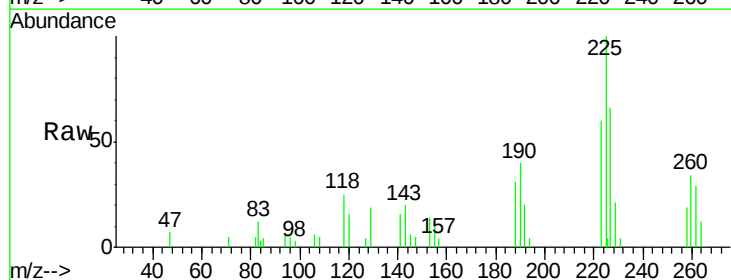


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

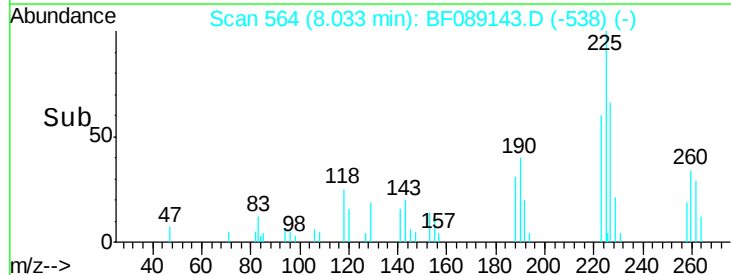
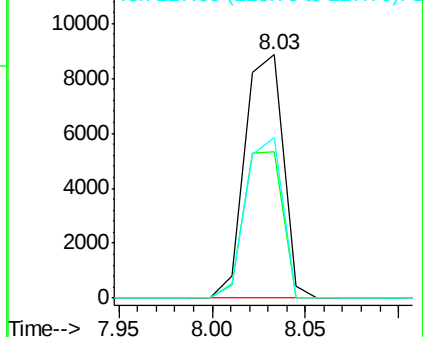


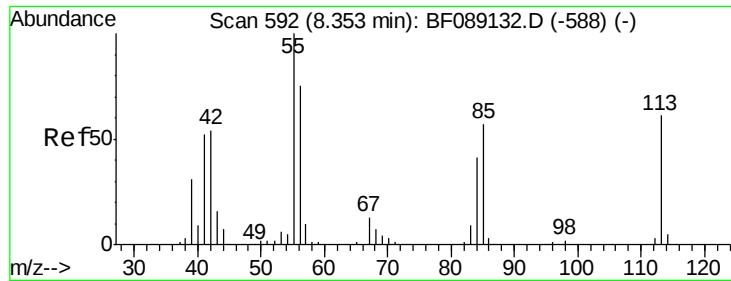
#34
Hexachlorobutadiene
Concen: 5.04 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:	225	Resp:	12581
Ion	Ratio	Lower	Upper
225	100		
223	60.0	51.6	77.4
227	66.0	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

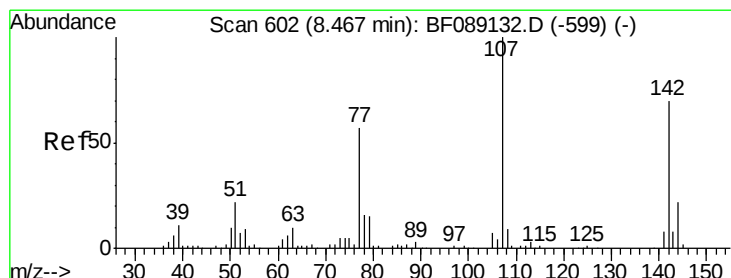
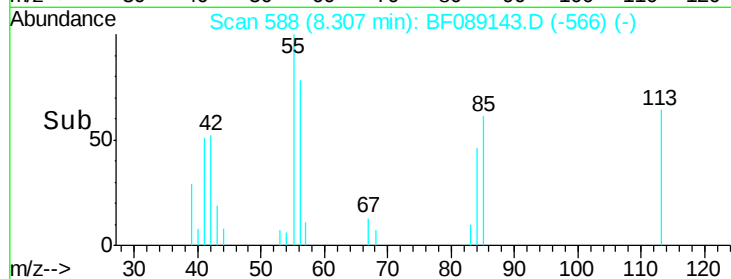
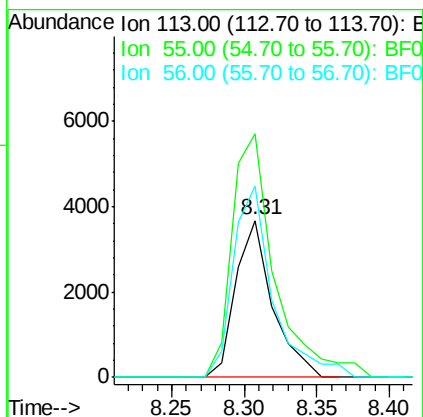
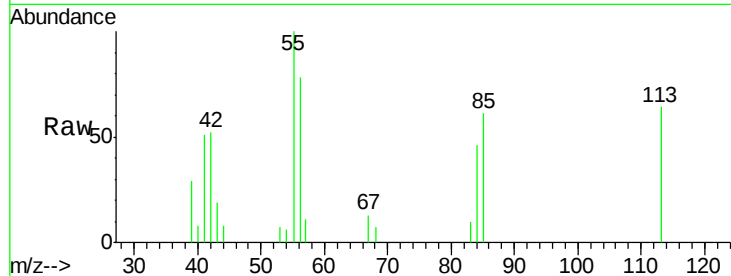




#35
 Caprolactam
 Concen: 5.17 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

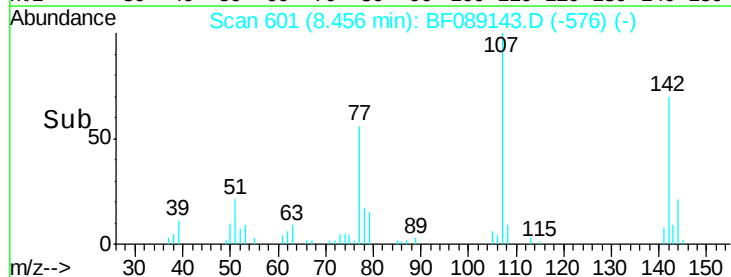
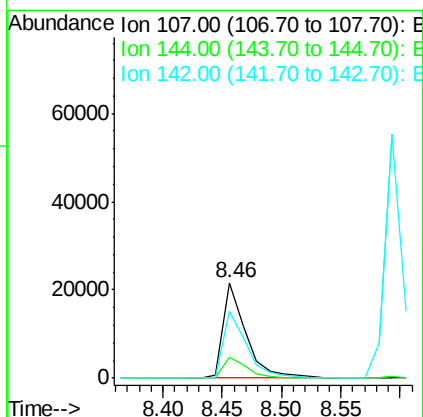
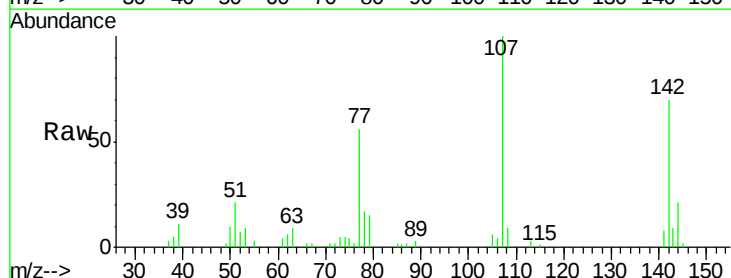
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

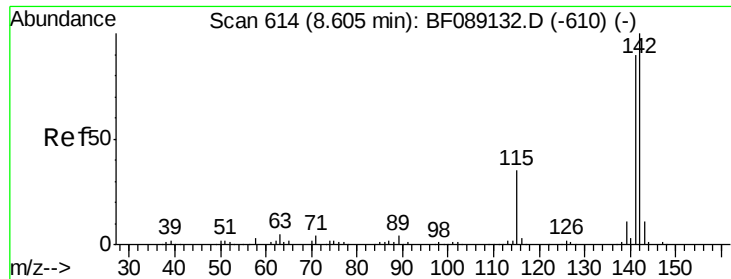
Tgt Ion:113 Resp: 6497
 Ion Ratio Lower Upper
 113 100
 55 155.2 145.3 185.3
 56 121.4 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 5.74 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:107 Resp: 28011
 Ion Ratio Lower Upper
 107 100
 144 21.4 17.8 26.6
 142 70.1 56.1 84.1

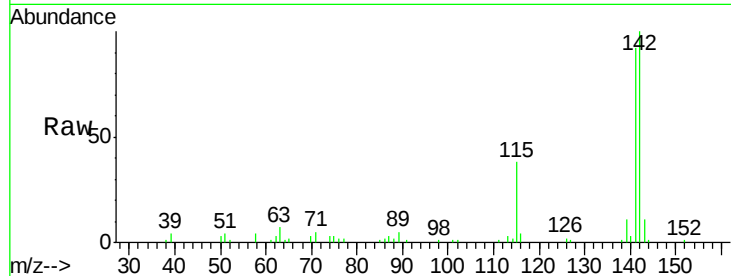




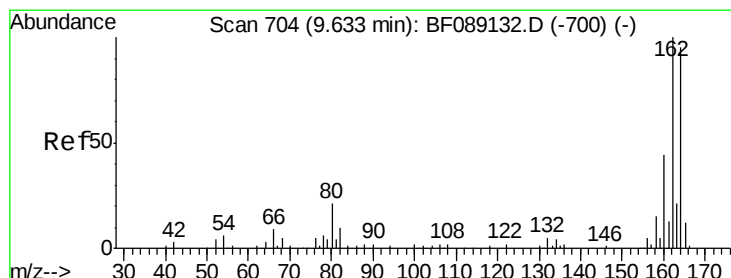
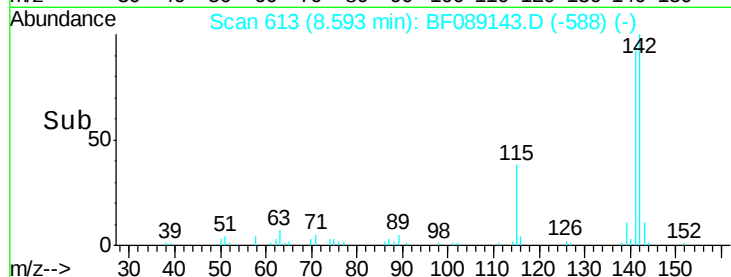
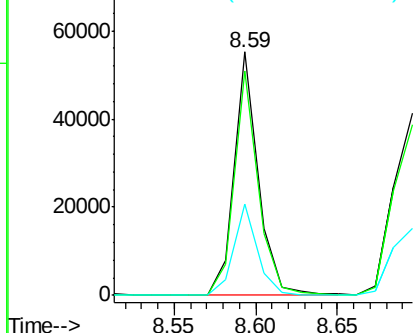
#37
 2-Methylnaphthalene
 Concen: 5.67 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:142 Resp: 56216
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.6 107.4
 115 37.7 27.6 41.4

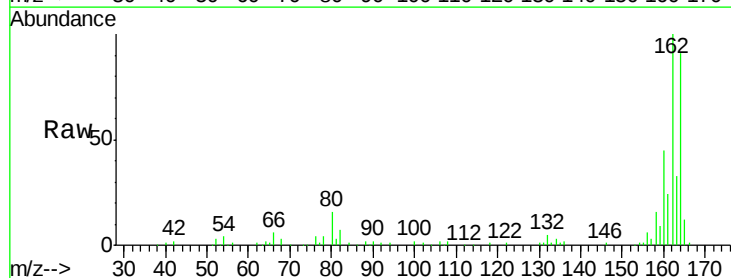


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

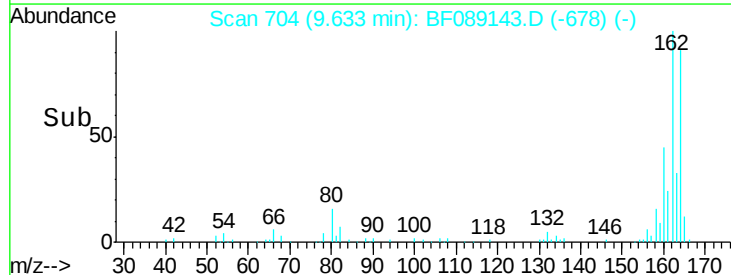
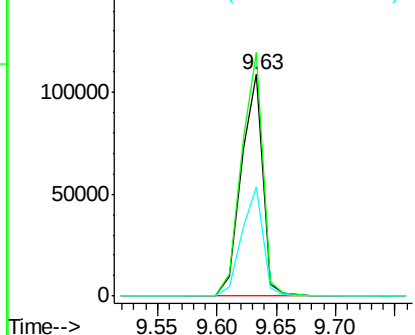


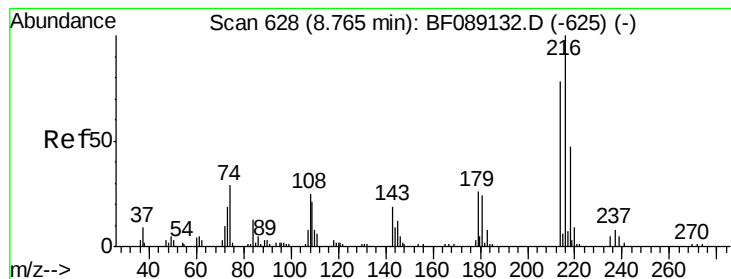
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:164 Resp: 136818
 Ion Ratio Lower Upper
 164 100
 162 109.8 84.1 126.1
 160 49.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.74 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:216 Resp: 24109

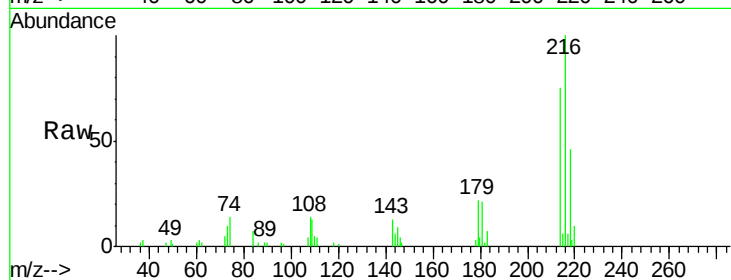
Ion Ratio Lower Upper

216 100

214 77.1 61.9 92.9

179 23.1 18.4 27.6

108 18.4 17.0 25.6

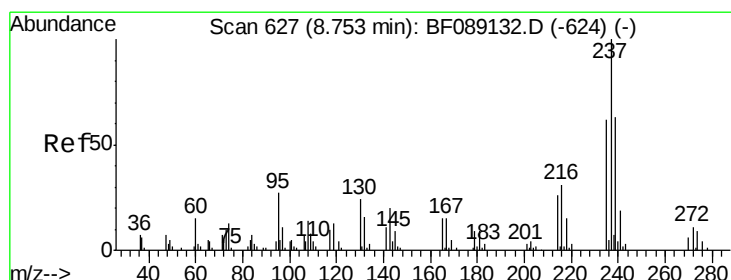
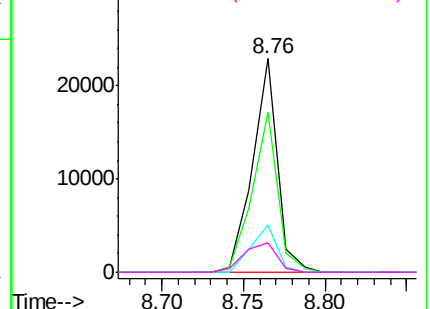
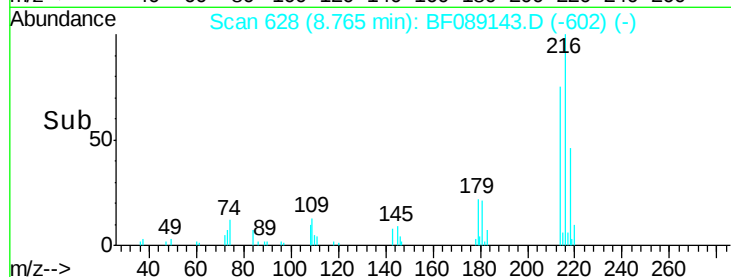


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.26 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

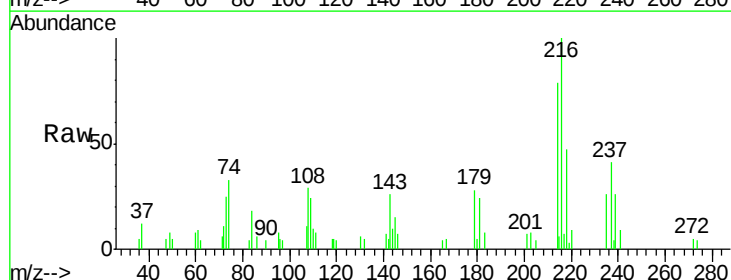
Tgt Ion:237 Resp: 3438

Ion Ratio Lower Upper

237 100

235 63.4 42.1 82.1

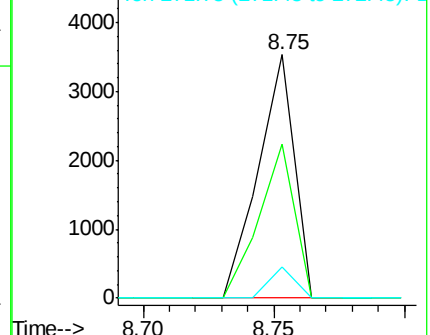
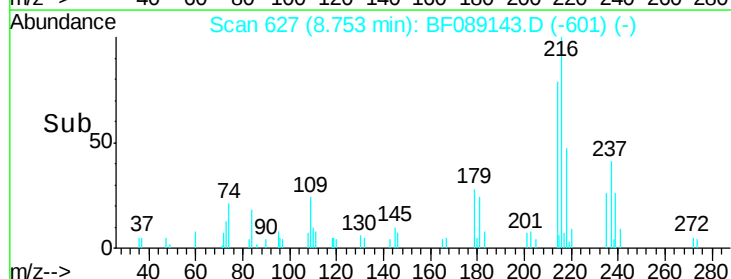
272 12.8 0.0 31.4

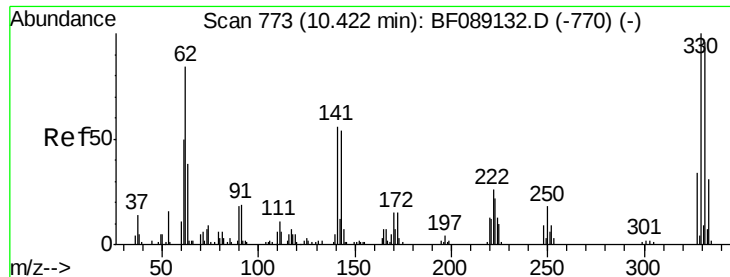


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

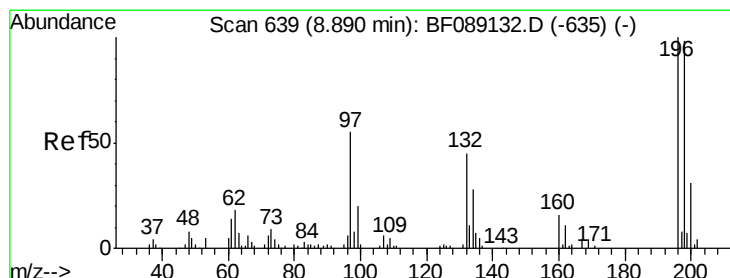
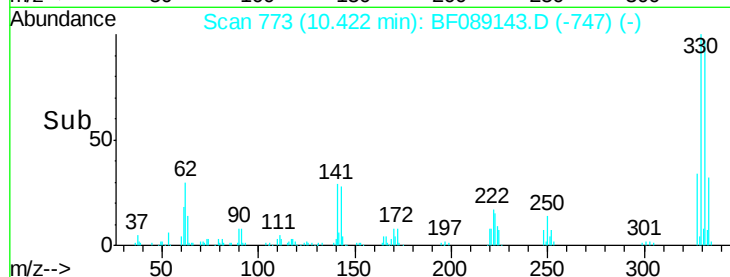
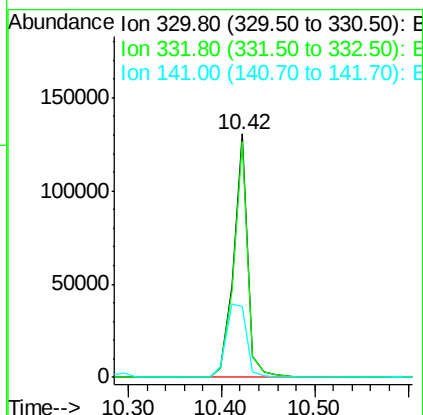
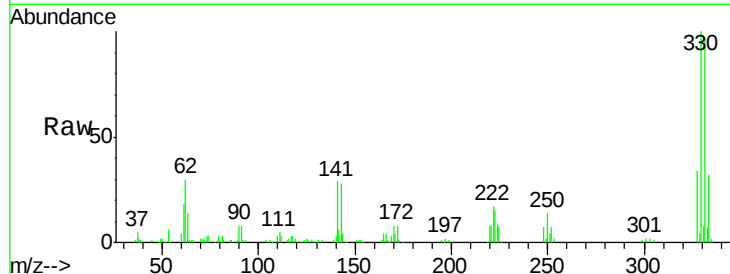




#41
 2,4,6-Tribromophenol
 Concen: 112.84 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

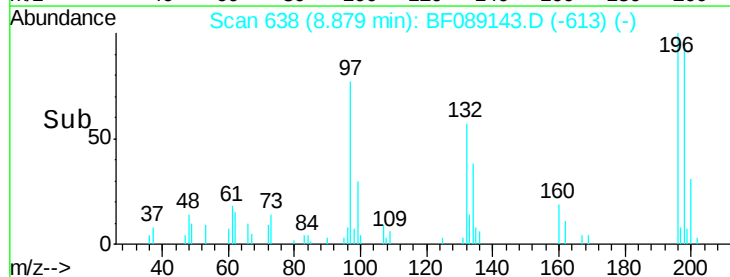
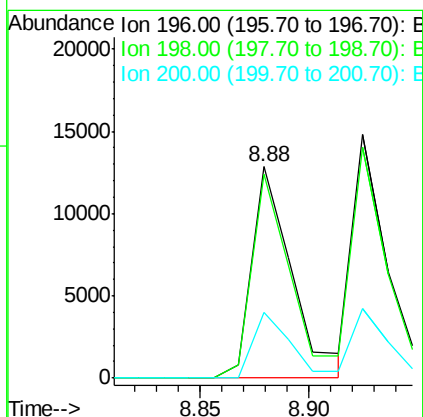
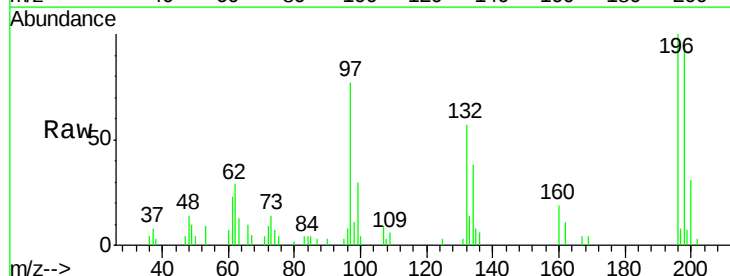
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

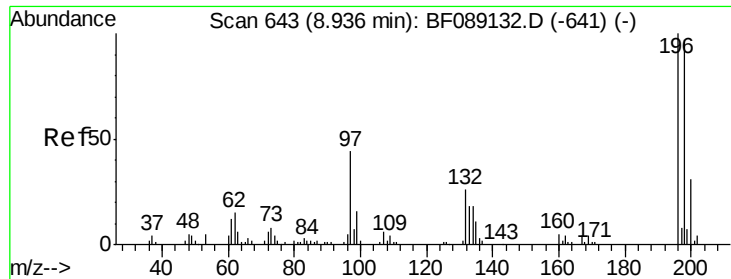
Tgt Ion:330 Resp: 138994
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 43.8 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 5.78 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:196 Resp: 16458
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.3 117.5
 200 30.8 25.0 37.4

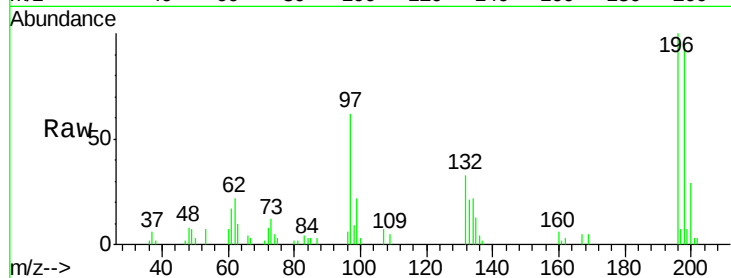




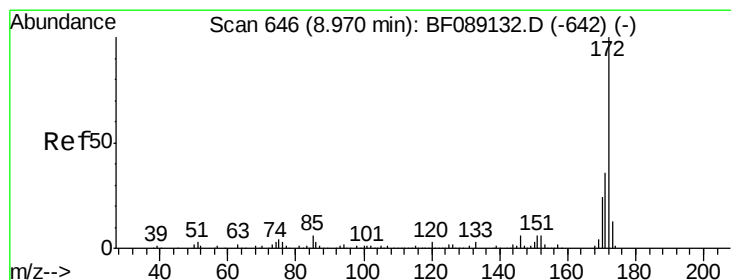
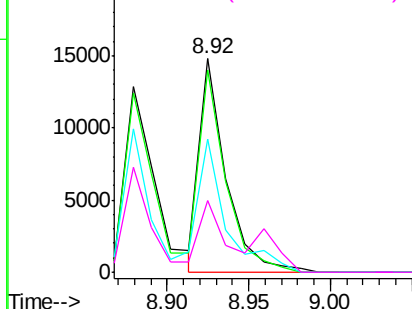
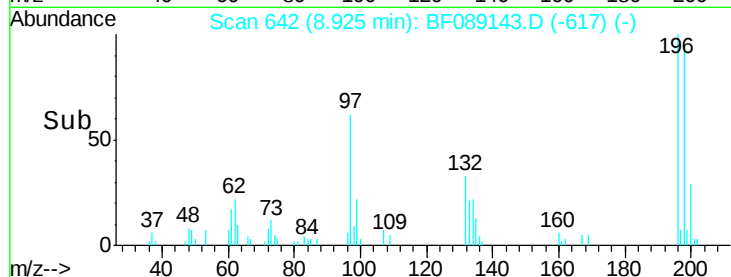
#43
 2,4,5-Trichlorophenol
 Concen: 5.93 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:196 Resp: 16945
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 97 62.1 36.5 54.7#
 132 33.4 21.2 31.8#

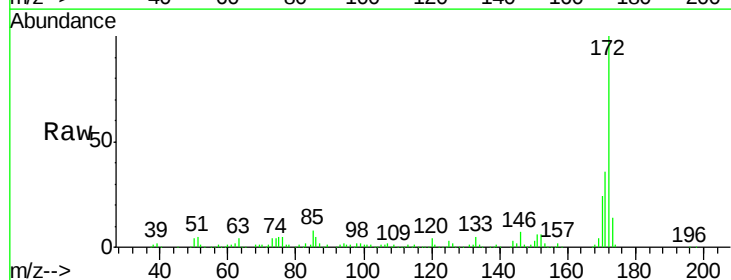


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

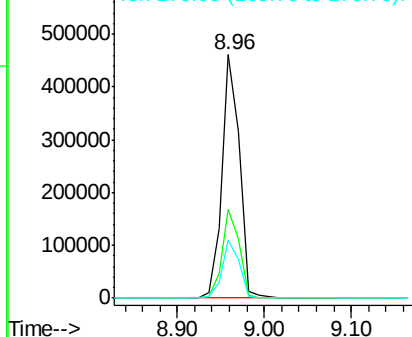
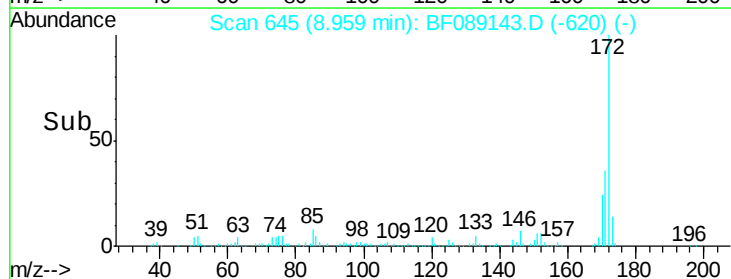


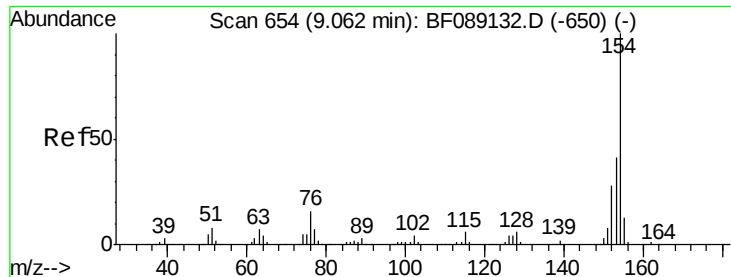
#44
 2-Fluorobiphenyl
 Concen: 65.12 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:172 Resp: 646628
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.8 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

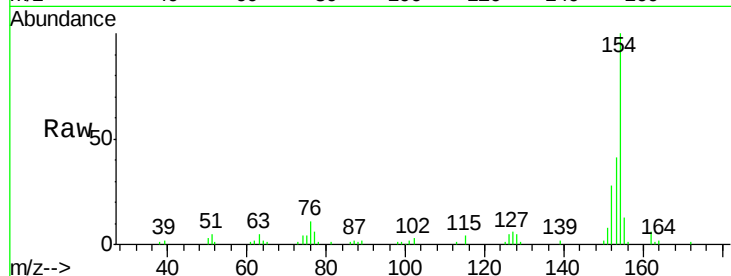




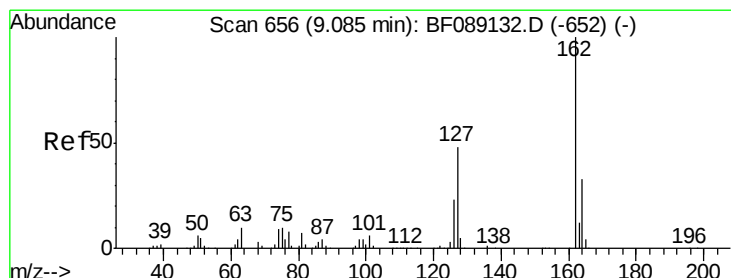
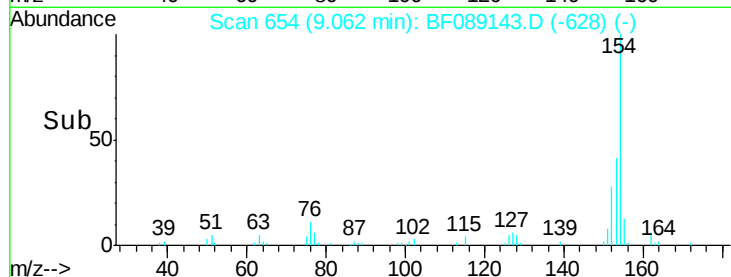
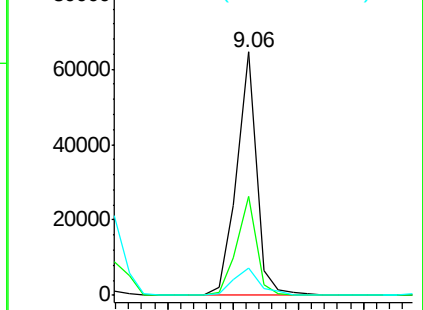
#45
 1,1'-Biphenyl
 Concen: 5.56 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:154 Resp: 68512
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.1 61.1
 76 11.0 0.0 35.8

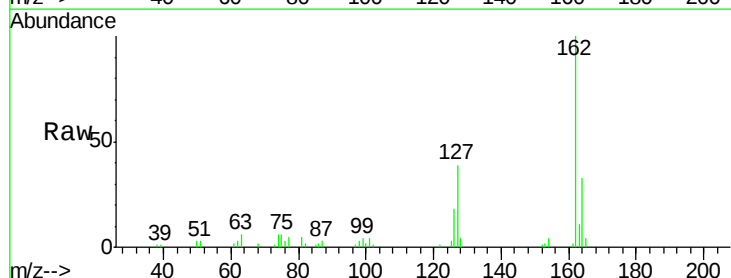


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

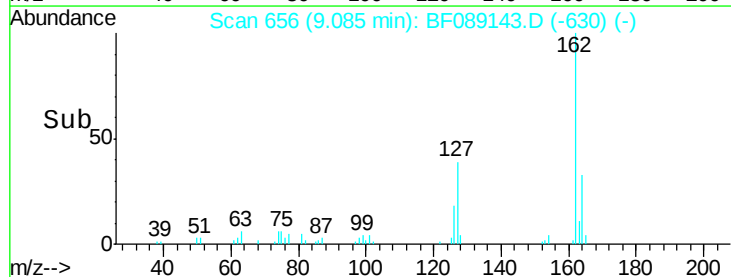
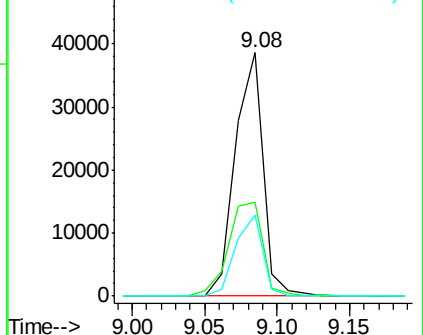


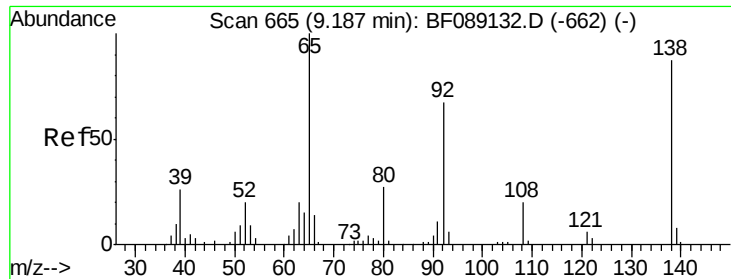
#46
 2-Chloronaphthalene
 Concen: 5.47 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:162 Resp: 51234
 Ion Ratio Lower Upper
 162 100
 127 38.8 38.1 57.1
 164 33.4 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

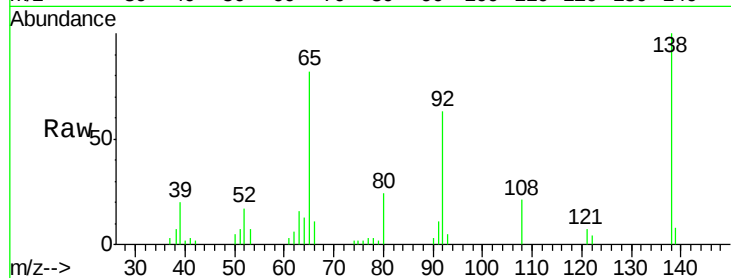




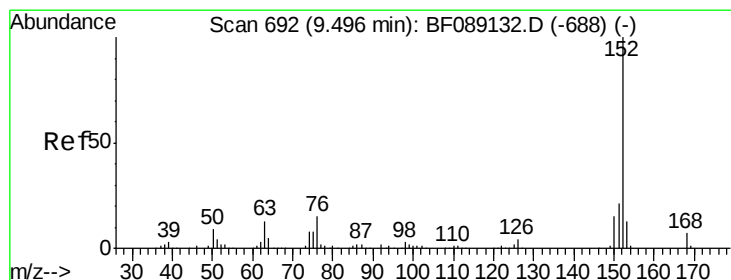
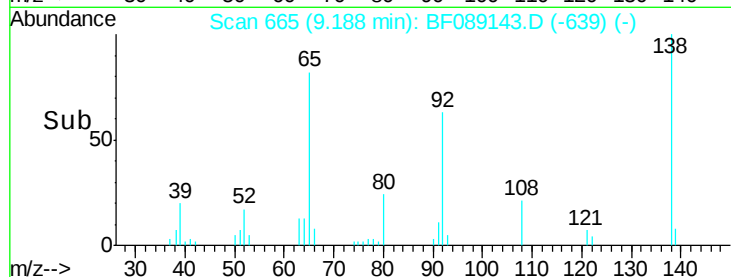
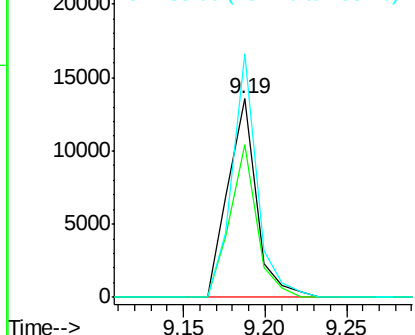
#47
2-Nitroaniline
Concen: 5.08 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 65 Resp: 16324
Ion Ratio Lower Upper
65 100
92 76.9 53.2 79.8
138 122.7 69.4 104.2#

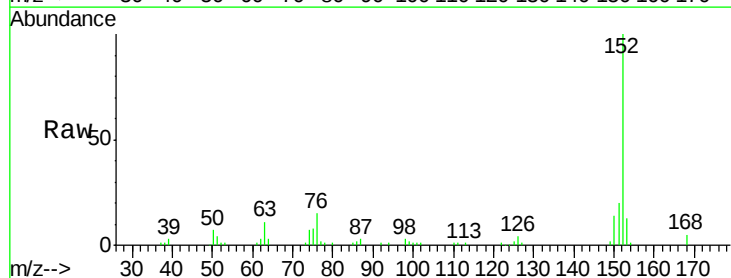


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

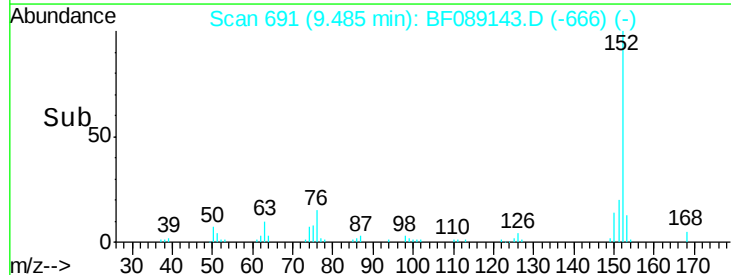
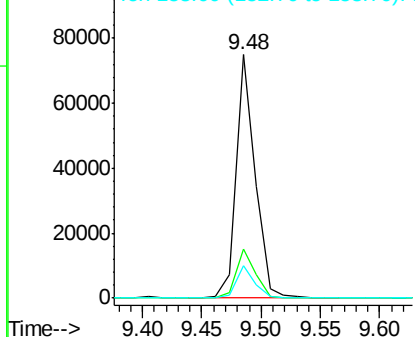


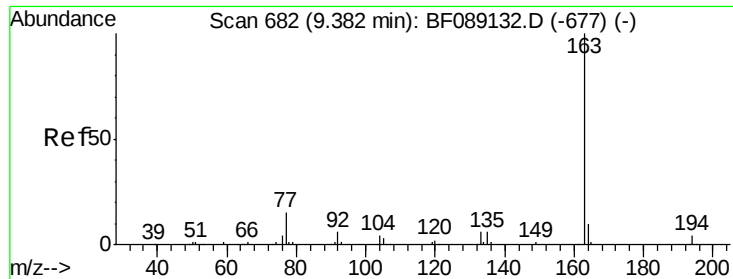
#48
Acenaphthylene
Concen: 5.67 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion: 152 Resp: 83537
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

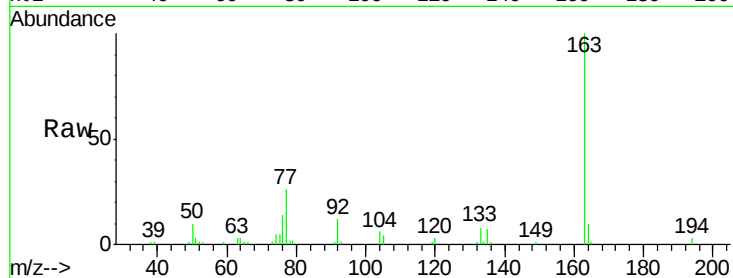




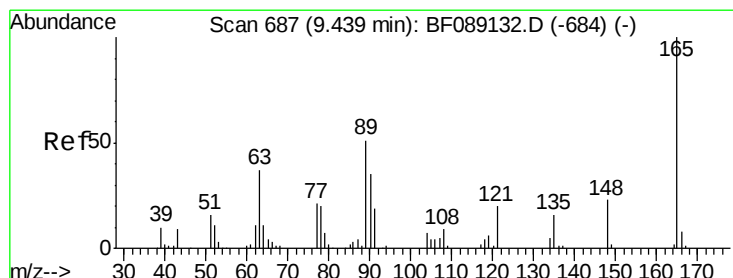
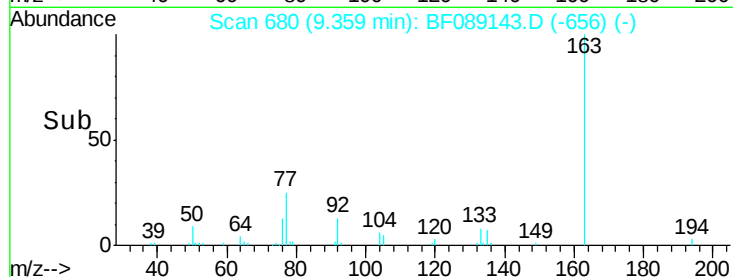
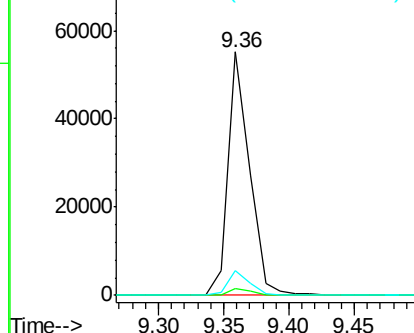
#49
Dimethylphthalate
Concen: 6.02 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:163 Resp: 63245
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.3 7.6 11.4

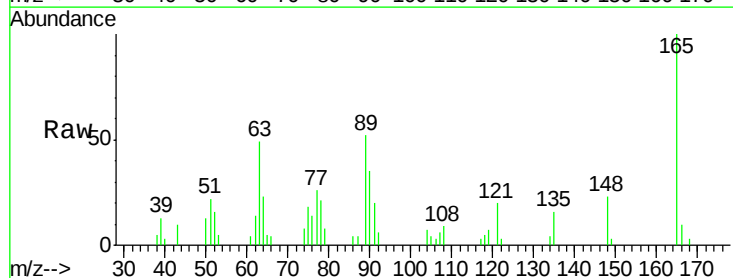


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

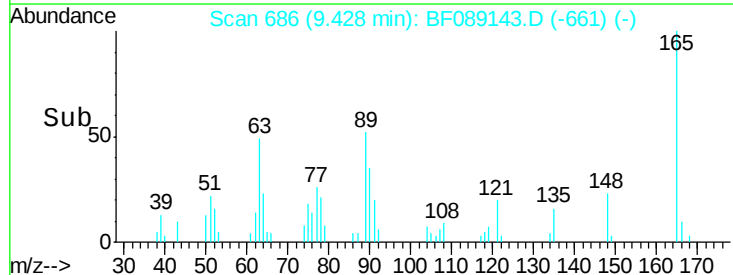
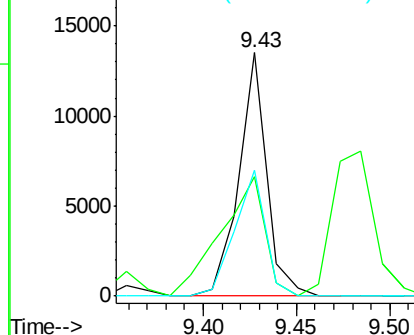


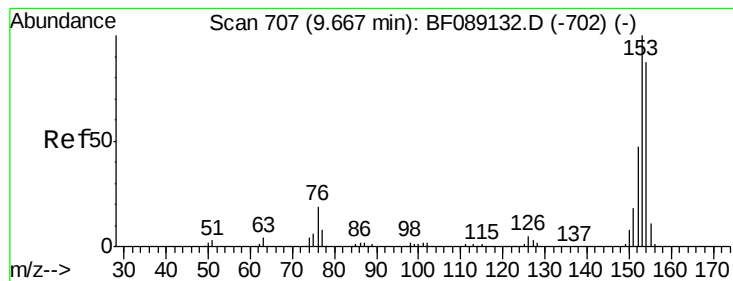
#50
2,6-Dinitrotoluene
Concen: 5.95 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:165 Resp: 14109
Ion Ratio Lower Upper
165 100
63 49.2 37.0 55.4
89 51.5 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: 5.68 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

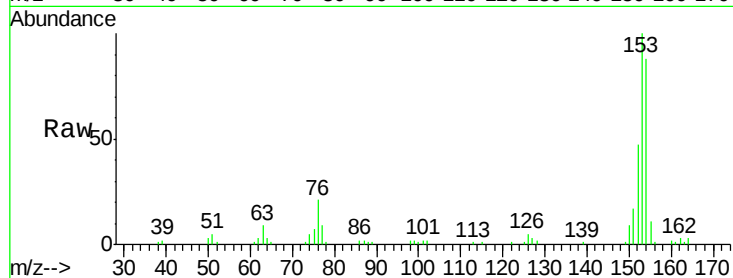
Tgt Ion:154 Resp: 49447

Ion Ratio Lower Upper

154 100

153 114.1 91.9 137.9

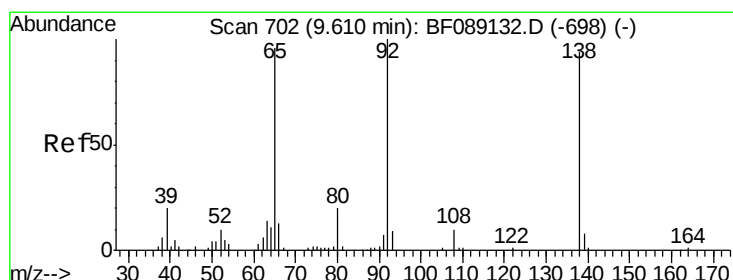
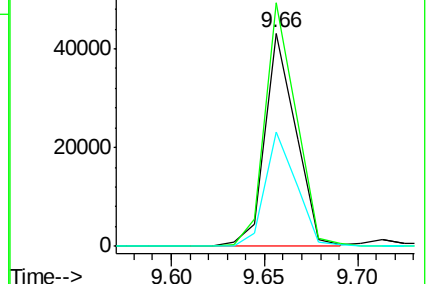
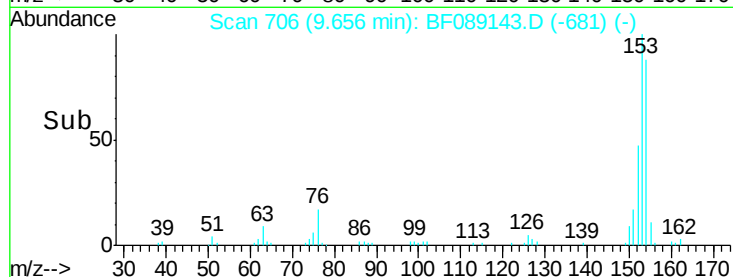
152 53.3 42.8 64.2



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: 3.59 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

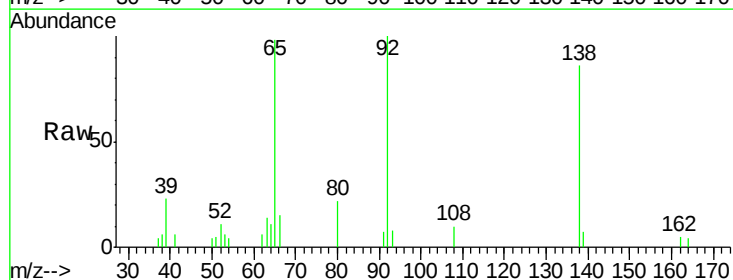
Tgt Ion:138 Resp: 10093

Ion Ratio Lower Upper

138 100

108 11.6 8.8 13.2

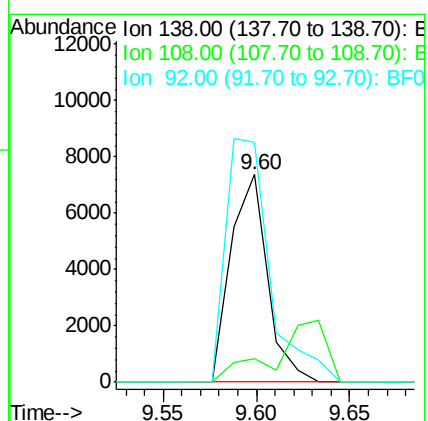
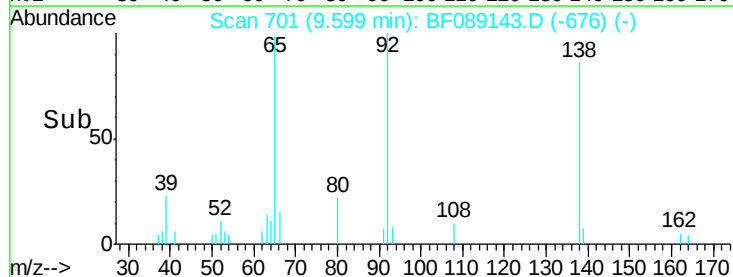
92 115.7 85.3 127.9

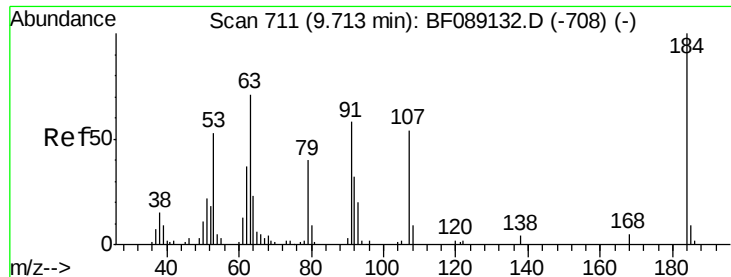


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

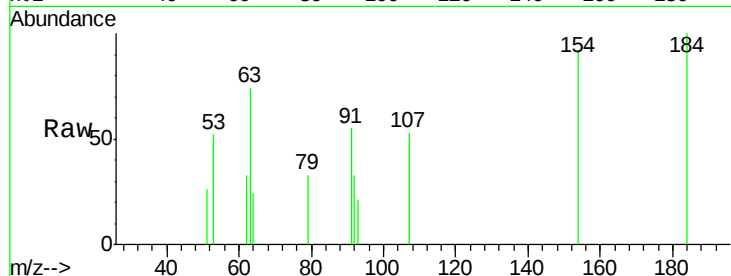




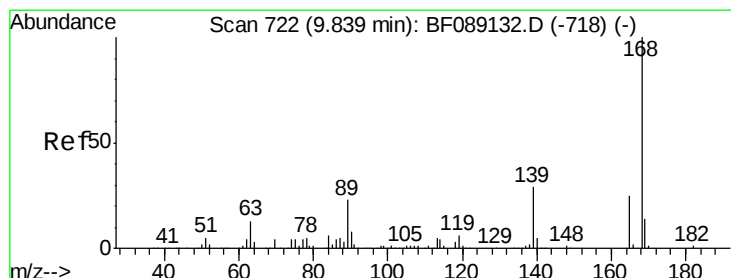
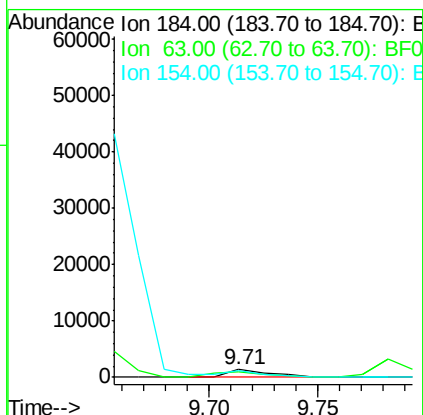
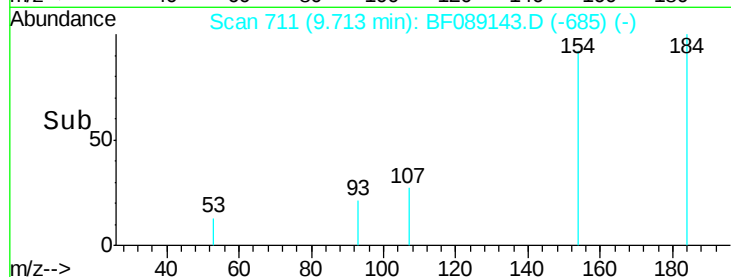
#53
 2,4-Dinitrophenol
 Concen: 9.86 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:184 Resp: 1792
 Ion Ratio Lower Upper
 184 100
 63 74.1 60.3 90.5
 154 92.3 60.7 91.1#

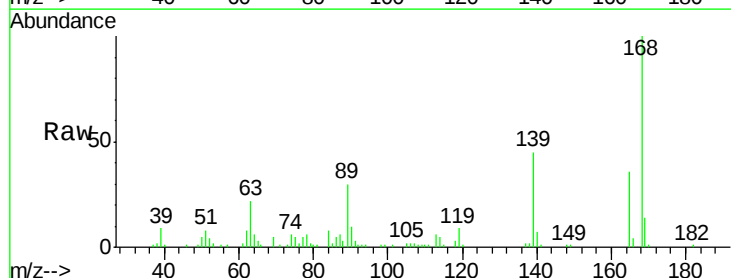


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

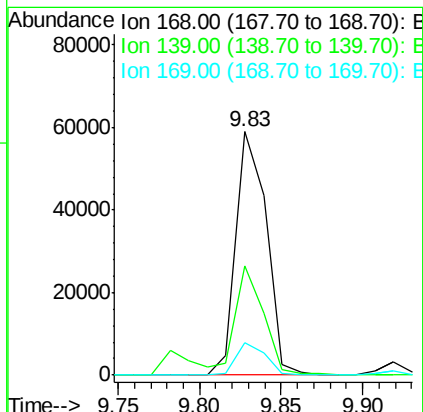
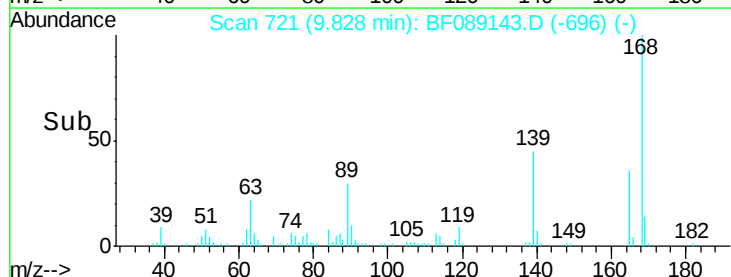


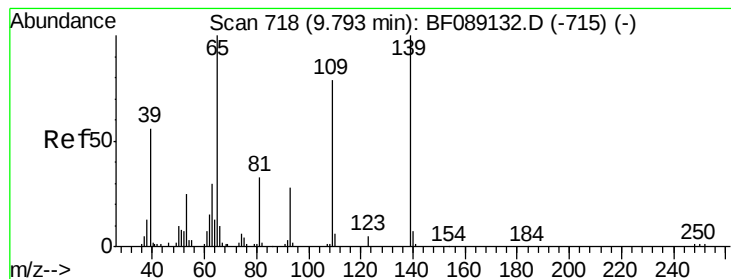
#54
 Dibenzofuran
 Concen: 6.44 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:168 Resp: 75831
 Ion Ratio Lower Upper
 168 100
 139 45.1 34.4 51.6
 169 13.5 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: 4.46 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

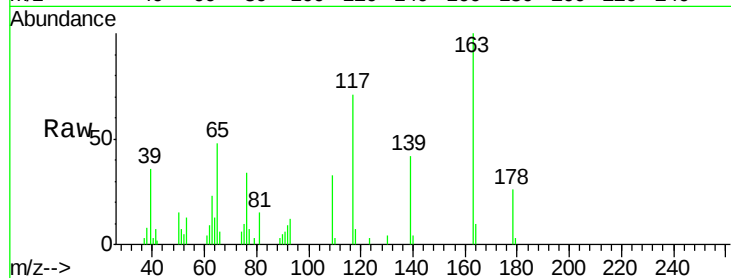
Tgt Ion:139 Resp: 7604

Ion Ratio Lower Upper

139 100

109 79.1 58.7 98.7

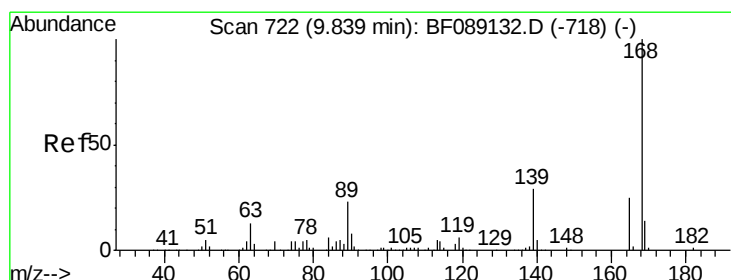
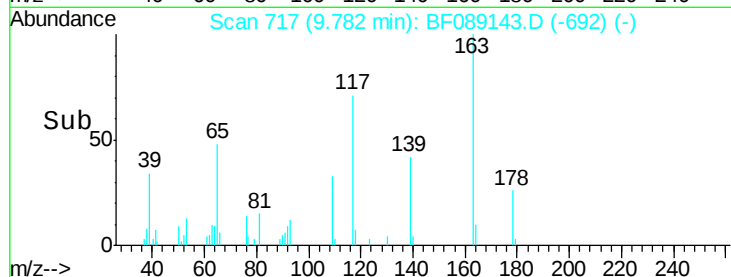
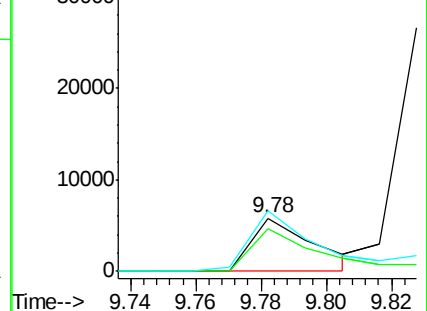
65 114.1 80.2 120.2



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: 6.25 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Tgt Ion:165 Resp: 19097

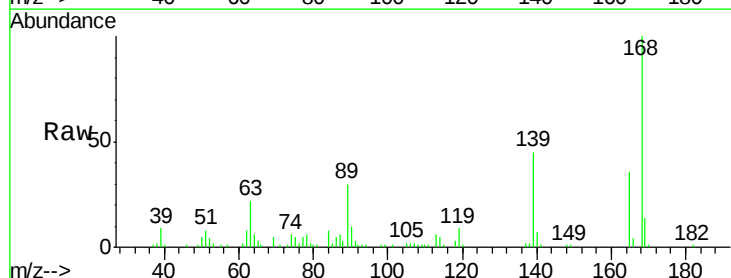
Ion Ratio Lower Upper

165 100

63 61.2 55.4 83.2

89 83.3 74.3 111.5

182 2.7 2.0 3.0

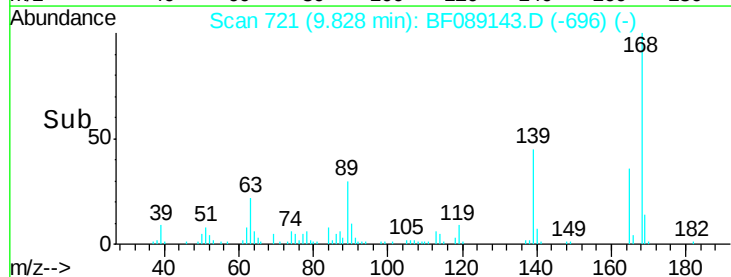
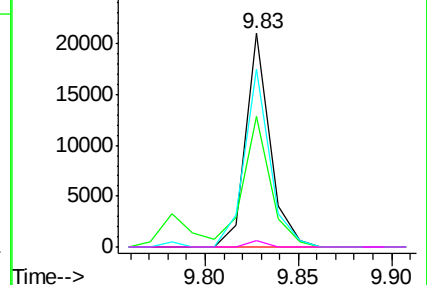


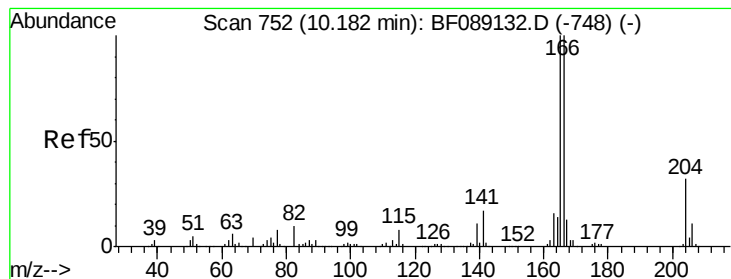
Abundance Ion 165.00 (164.70 to 165.70): E

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: 6.53 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

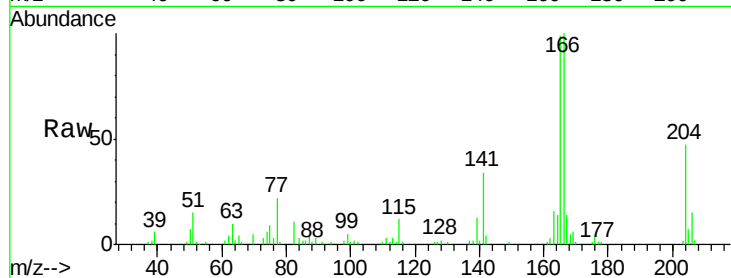
Tgt Ion:166 Resp: 65177

Ion Ratio Lower Upper

166 100

165 99.0 79.9 119.9

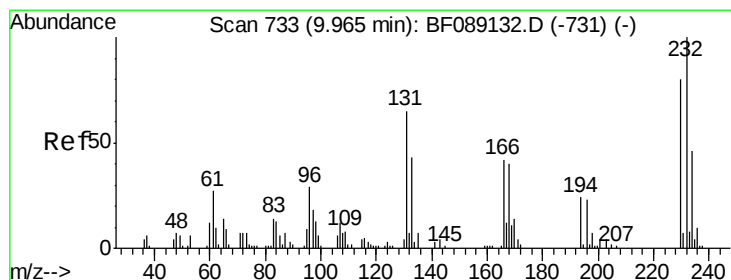
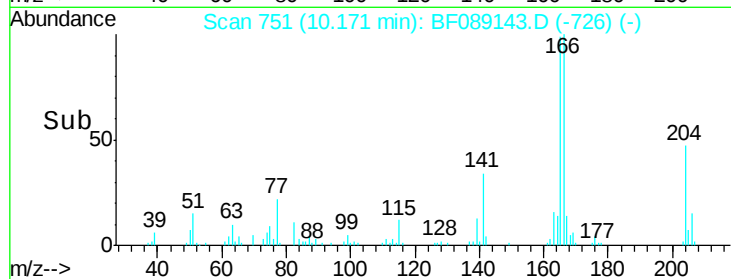
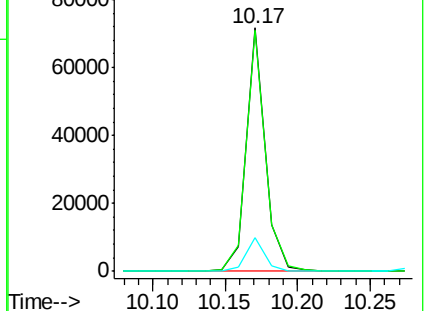
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.85 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Tgt Ion:232 Resp: 12012

Ion Ratio Lower Upper

232 100

131 59.8 46.2 69.2

130 1.7 2.3 3.5#

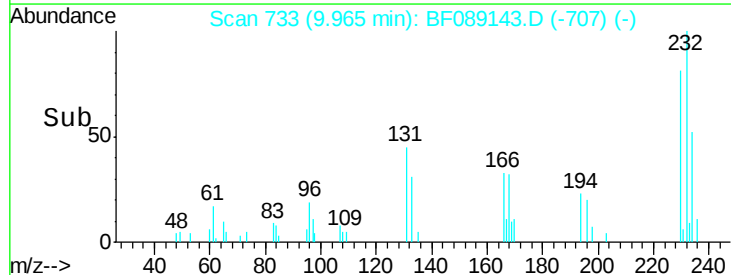
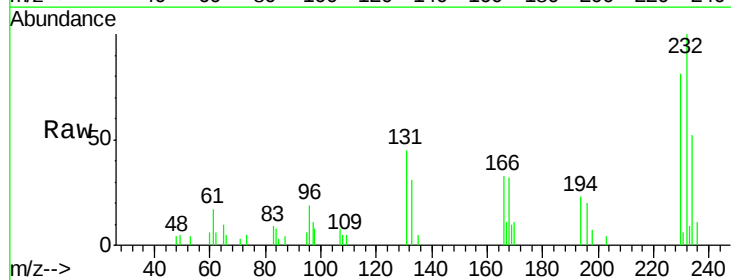
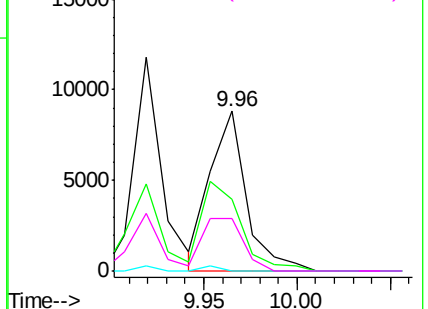
166 36.7 29.5 44.3

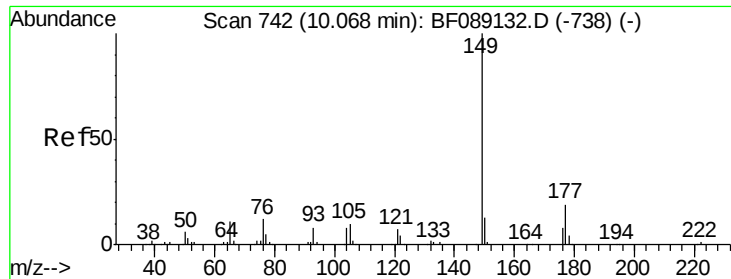
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

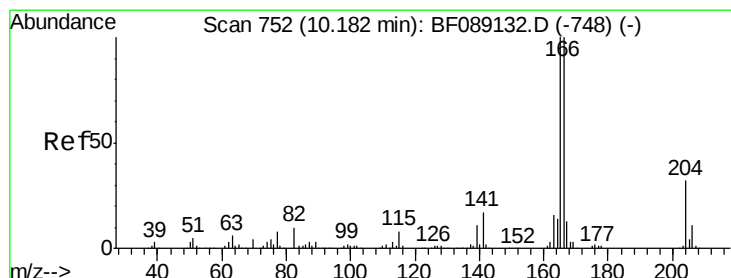
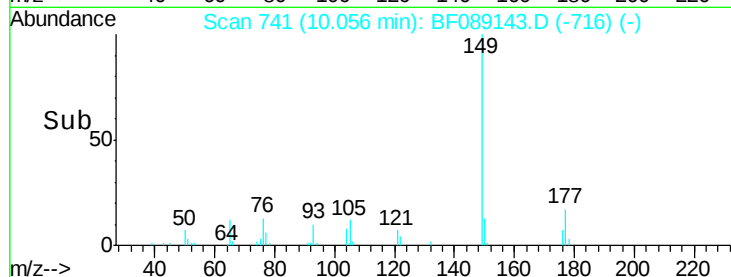
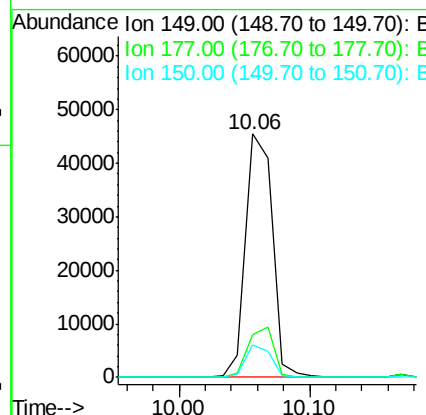
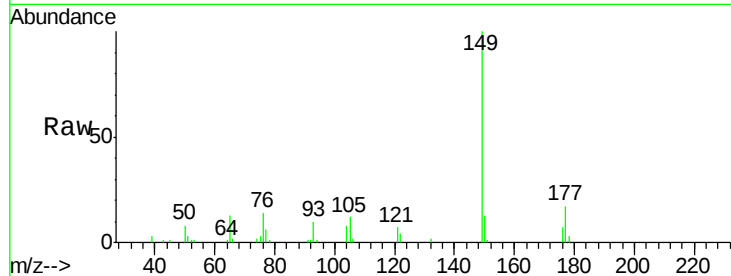




#59
Diethylphthalate
Concen: 6.23 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

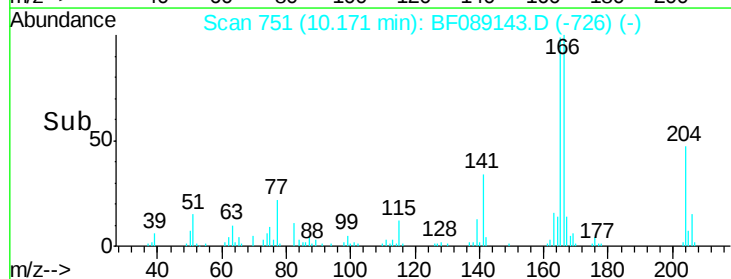
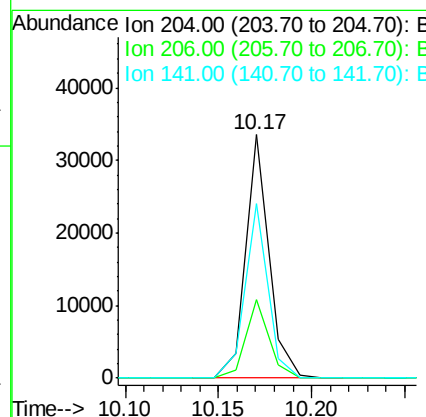
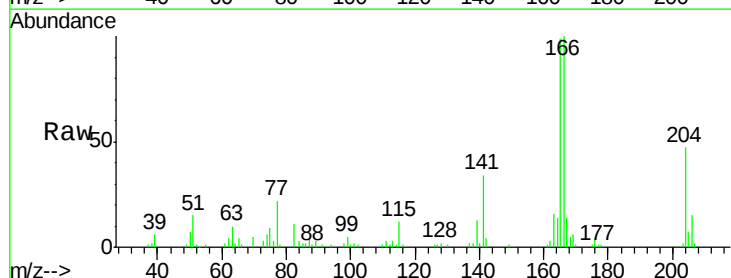
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

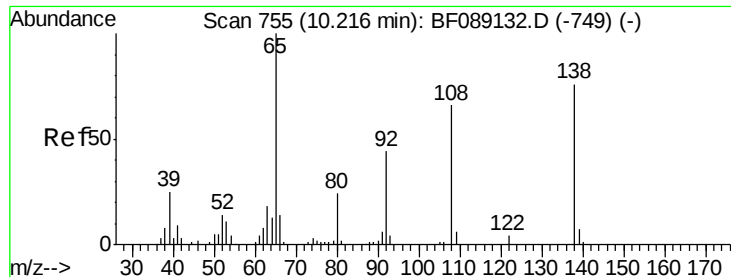
Tgt Ion:149 Resp: 64891
Ion Ratio Lower Upper
149 100
177 17.3 15.6 23.4
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 6.42 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:204 Resp: 29252
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 71.7 42.2 63.4#

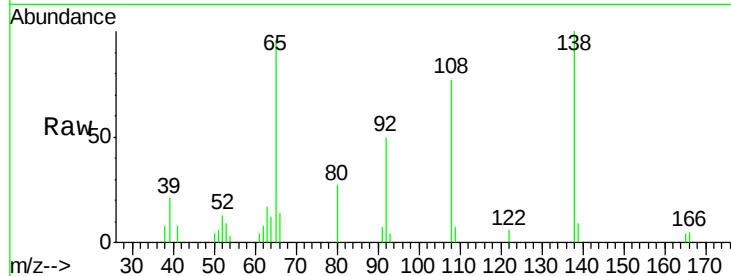




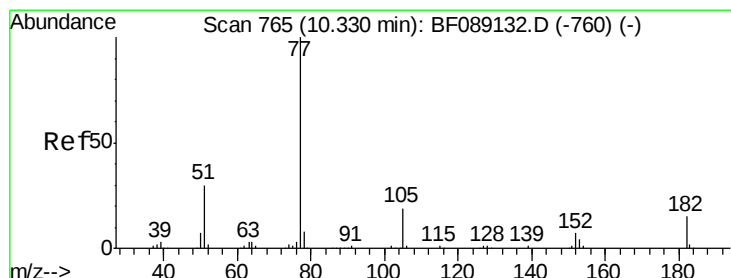
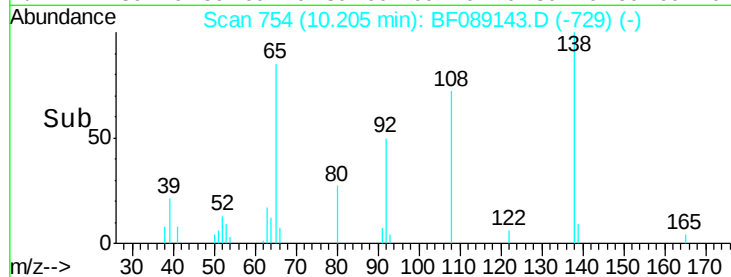
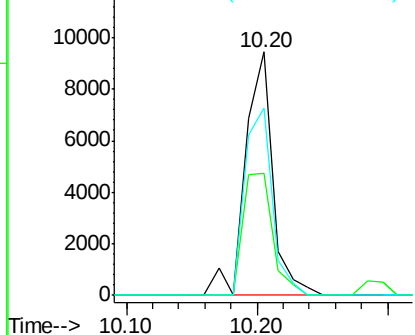
#61
4-Nitroaniline
Concen: 5.01 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:138 Resp: 13721
Ion Ratio Lower Upper
138 100
92 50.3 37.2 77.2
108 76.9 66.1 106.1

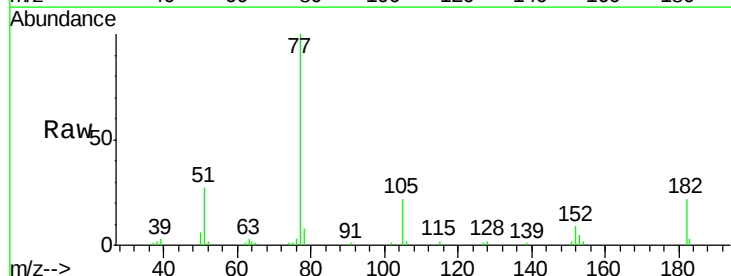


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

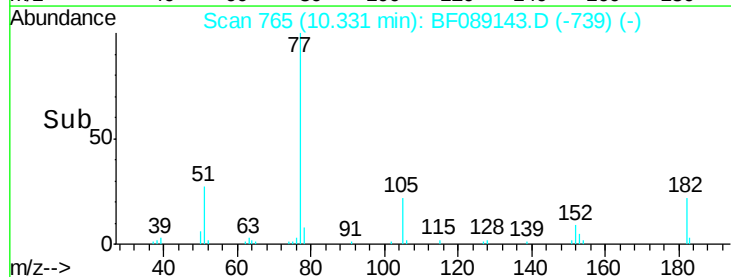
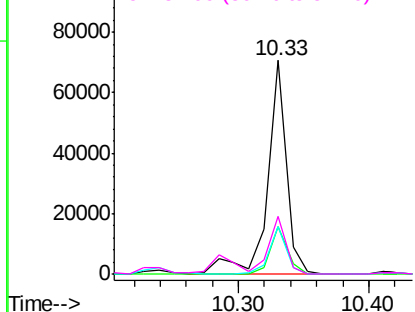


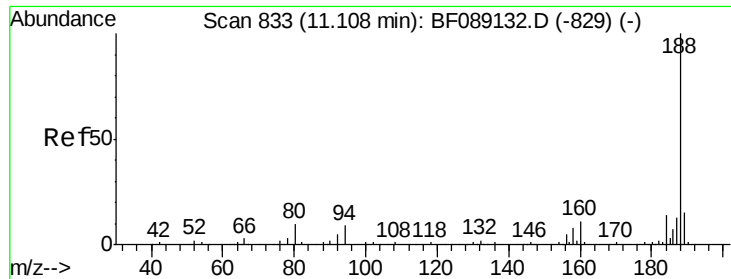
#62
Azobenzene
Concen: 6.45 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion: 77 Resp: 72978
Ion Ratio Lower Upper
77 100
182 22.0 0.0 35.0
105 22.0 0.0 39.4
51 27.0 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

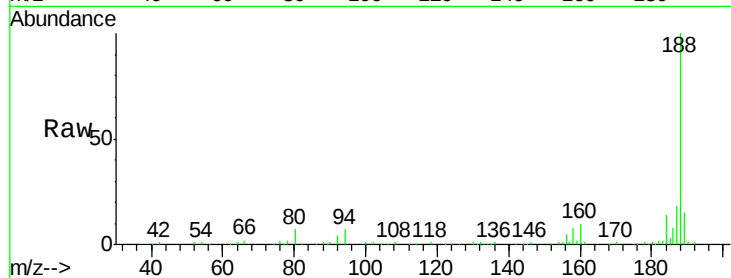




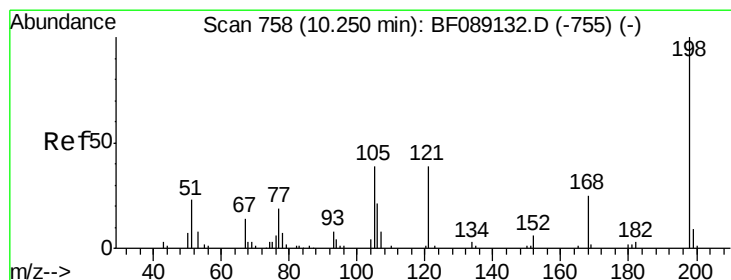
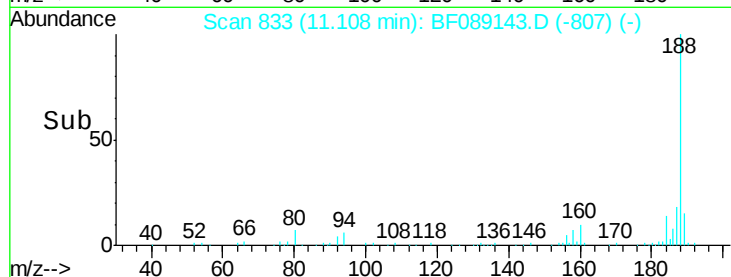
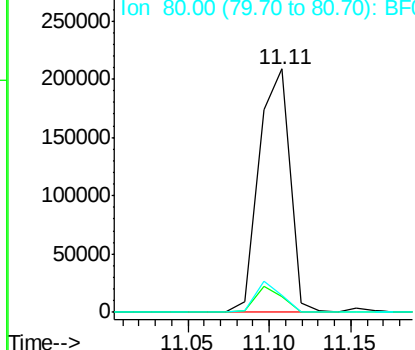
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:188 Resp: 275415
 Ion Ratio Lower Upper
 188 100
 94 6.6 7.0 10.4#
 80 7.0 7.7 11.5#

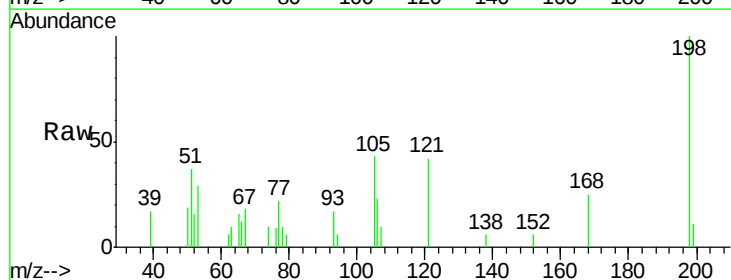


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

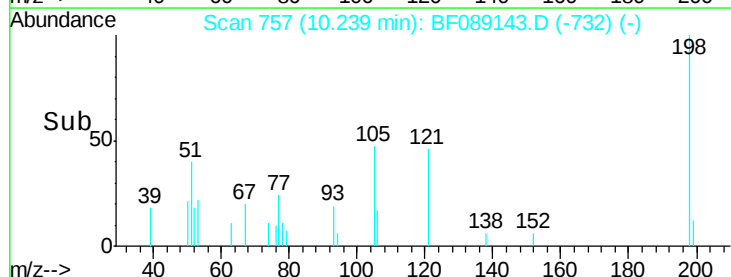
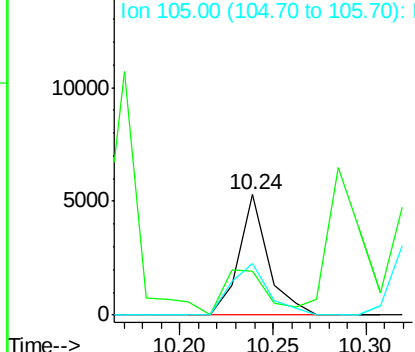


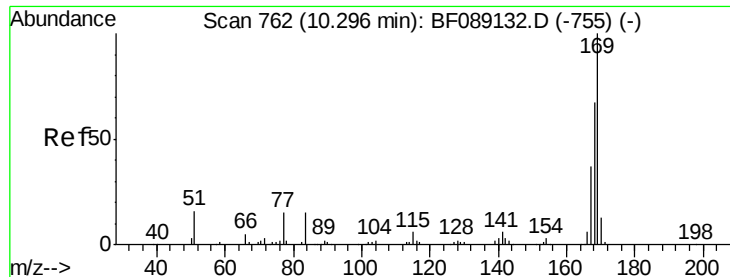
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.61 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:198 Resp: 5784
 Ion Ratio Lower Upper
 198 100
 51 36.5 11.7 51.7
 105 42.6 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

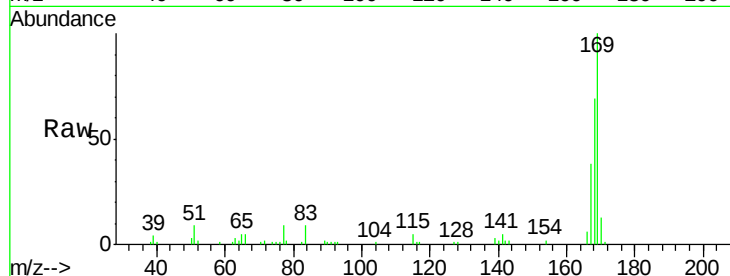




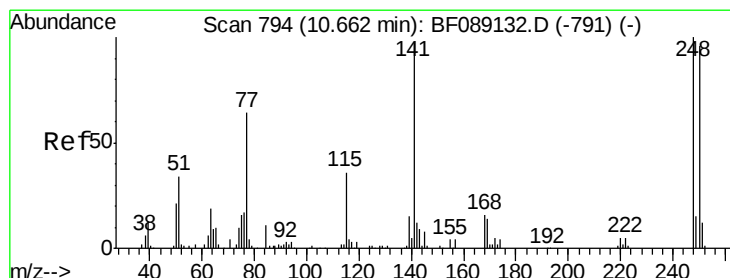
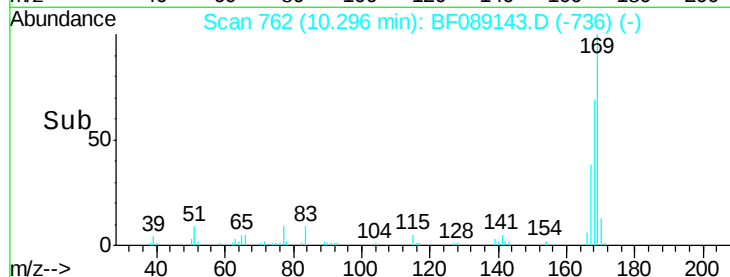
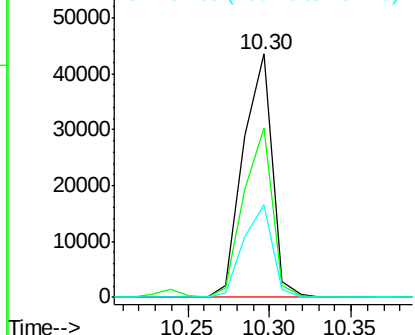
#65
 n-Nitrosodiphenylamine
 Concen: 5.82 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:169 Resp: 53582
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.4 80.0
 167 38.2 29.5 44.3

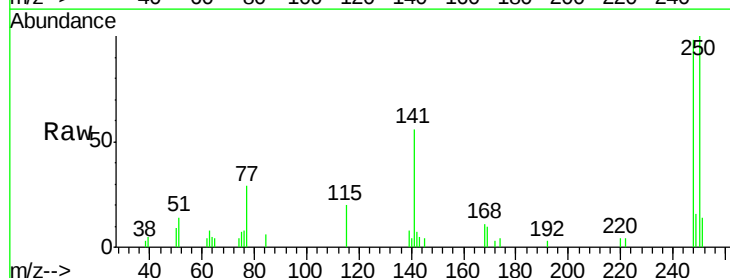


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

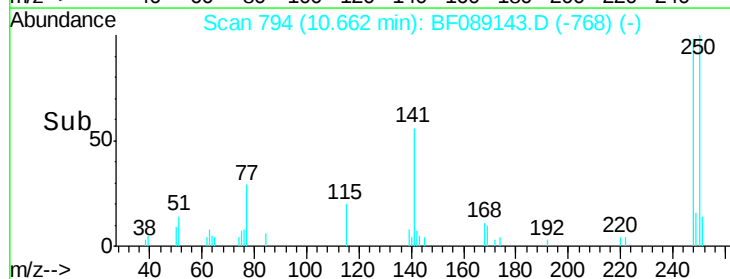
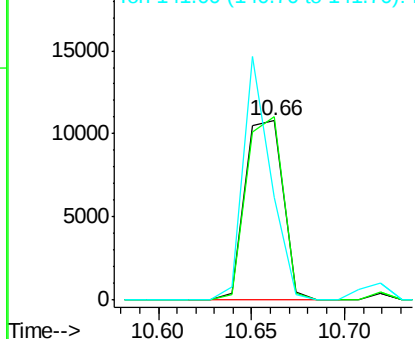


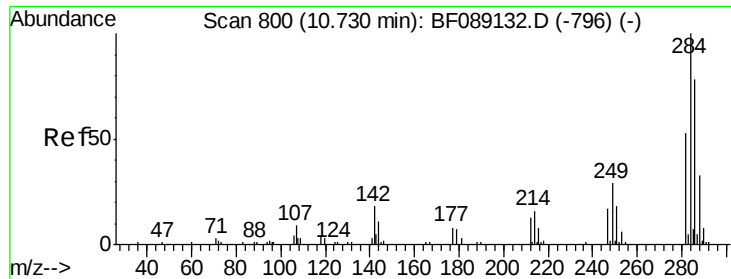
#66
 4-Bromophenyl-phenylether
 Concen: 5.60 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:248 Resp: 15251
 Ion Ratio Lower Upper
 248 100
 250 102.5 76.9 115.3
 141 57.0 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

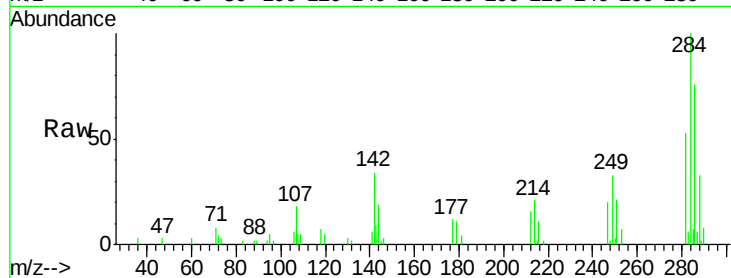




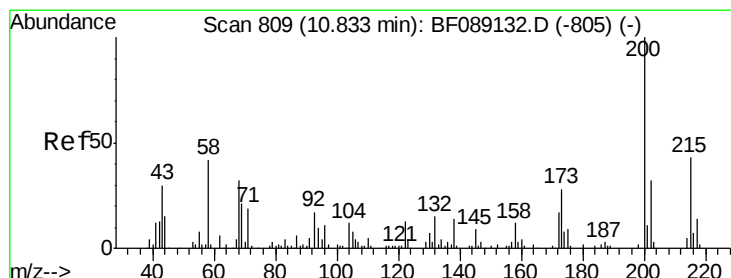
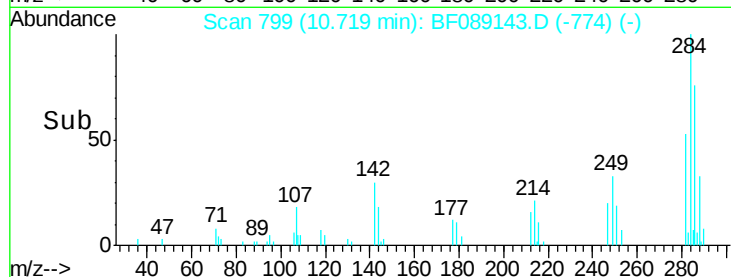
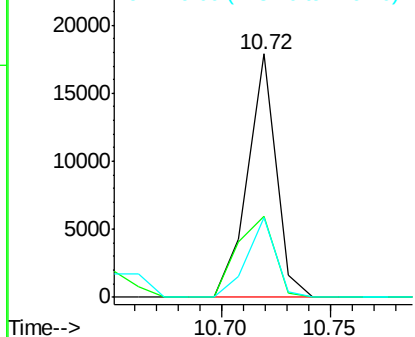
#67
Hexachlorobenzene
Concen: 5.56 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:284 Resp: 16293
Ion Ratio Lower Upper
284 100
142 33.5 14.1 21.1#
249 32.7 23.0 34.4

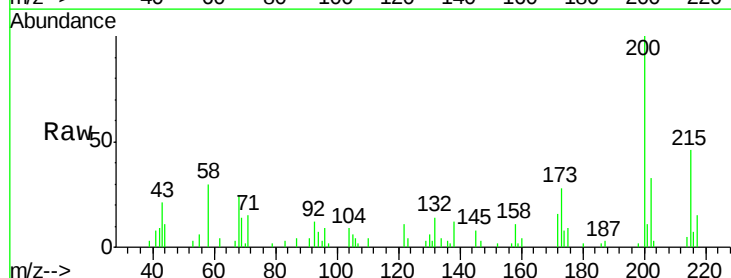


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

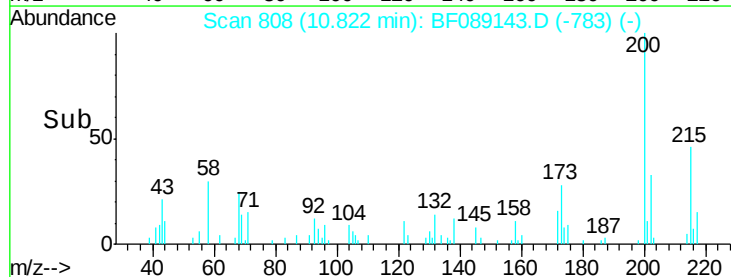
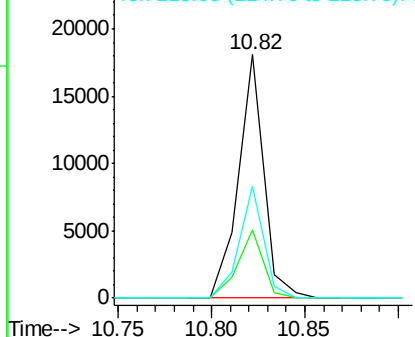


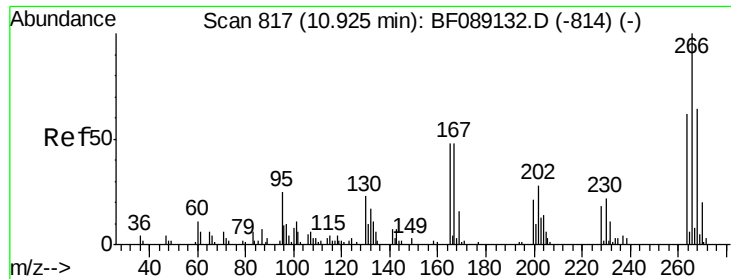
#68
Atrazine
Concen: 5.97 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:200 Resp: 17182
Ion Ratio Lower Upper
200 100
173 28.1 7.8 47.8
215 46.1 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

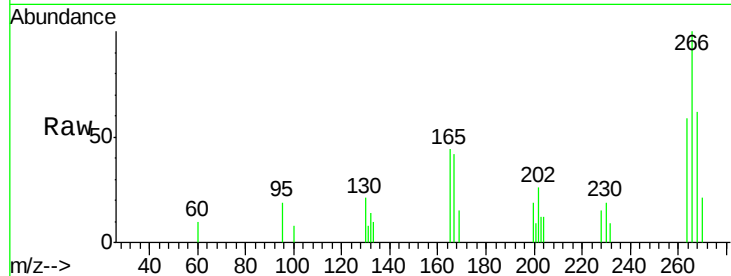




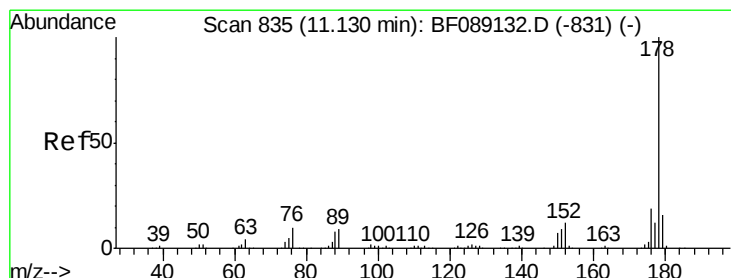
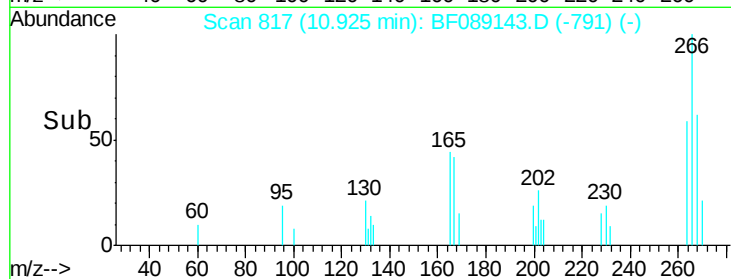
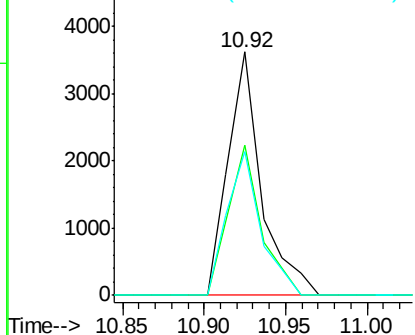
#69
 Pentachlorophenol
 Concen: 3.78 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:266 Resp: 5111
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.2 76.8
 264 59.0 49.7 74.5

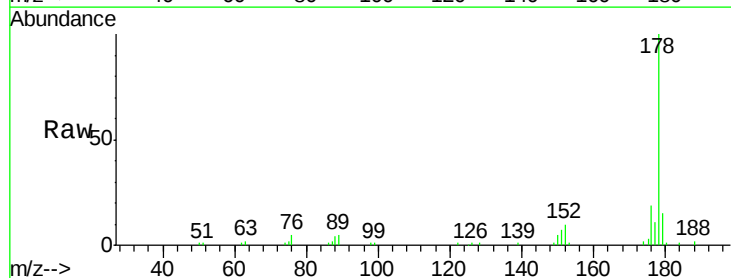


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

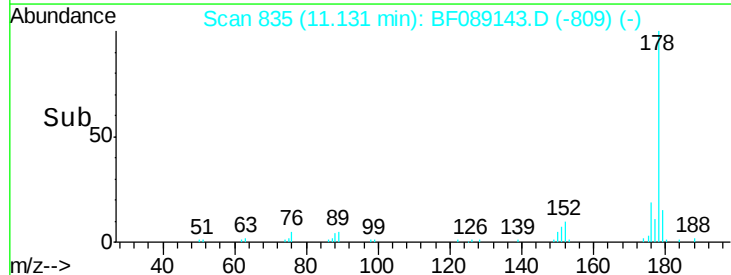
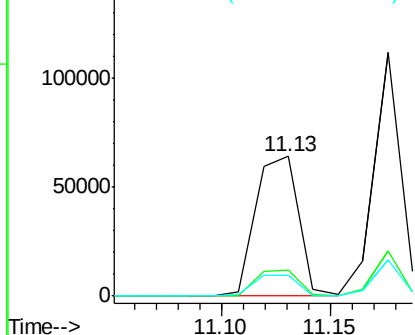


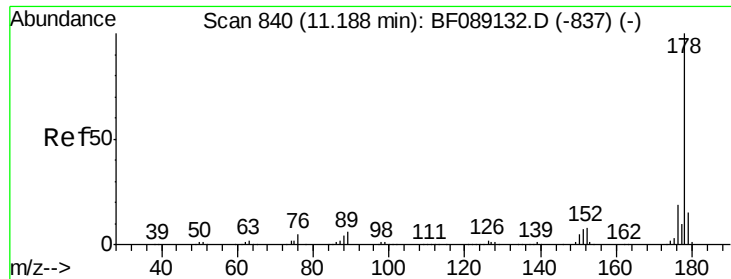
#70
 Phenanthrene
 Concen: 5.88 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:178 Resp: 88826
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.3 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

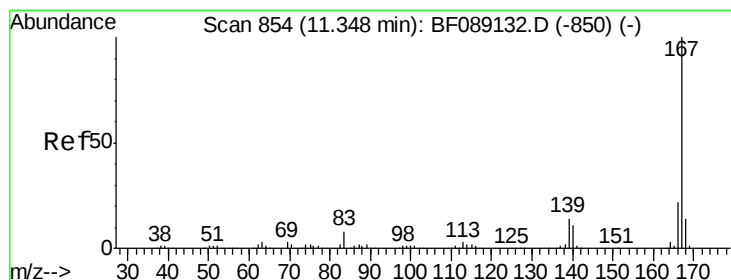
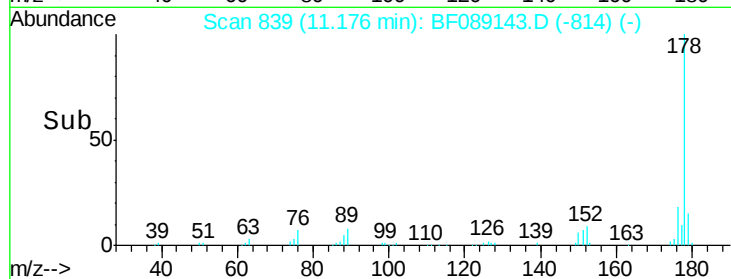
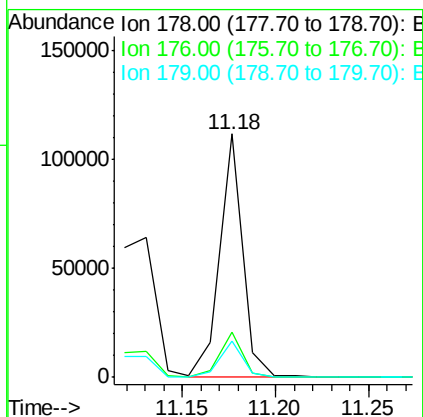
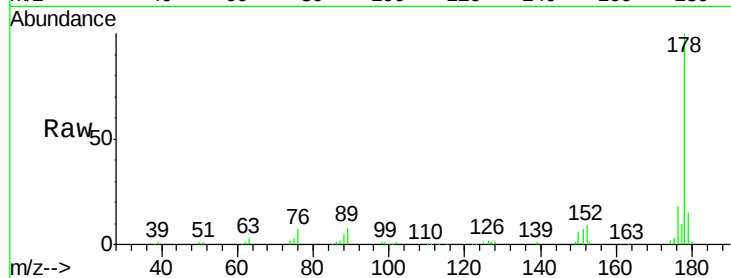




#71
 Anthracene
 Concen: 6.14 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

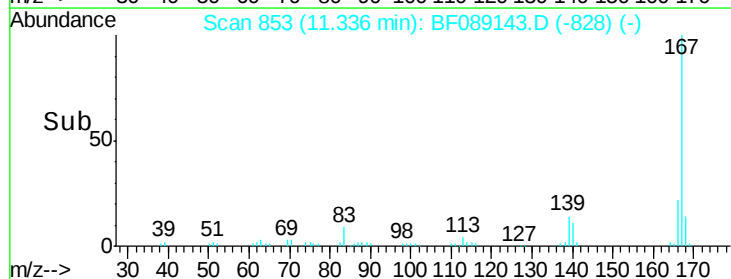
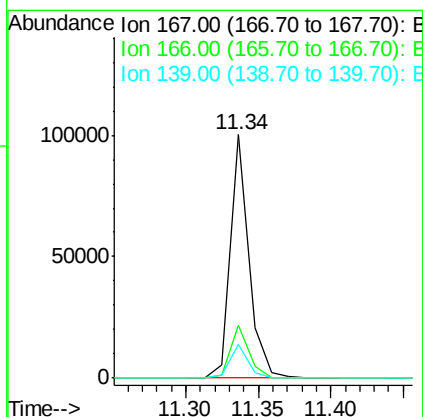
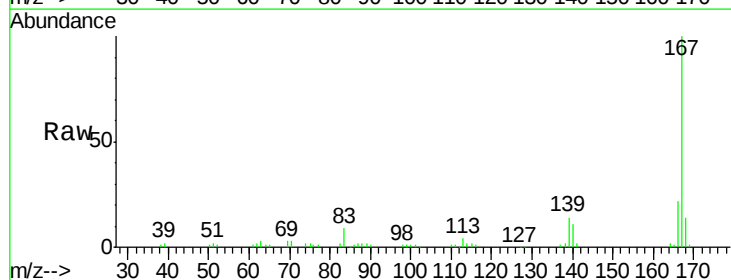
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

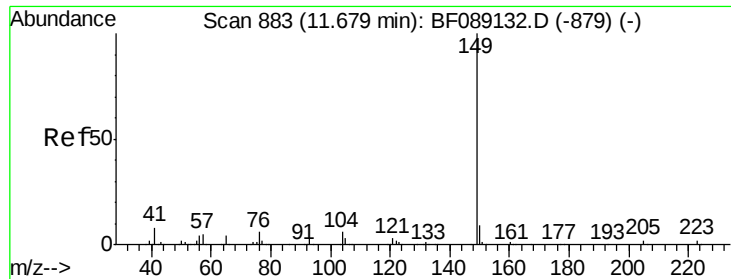
Tgt Ion:178 Resp: 96484
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 14.9 12.0 18.0



#72
 Carbazole
 Concen: 6.43 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:167 Resp: 88681
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 6.21 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

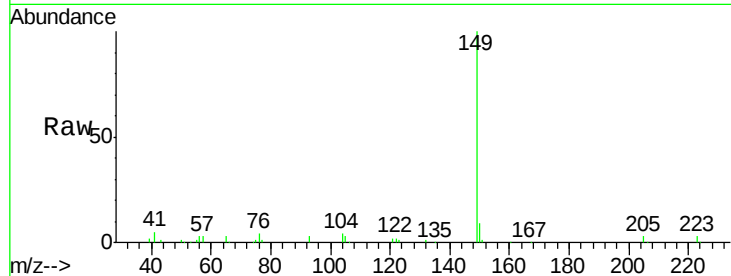
Tgt Ion:149 Resp: 106029

Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.2

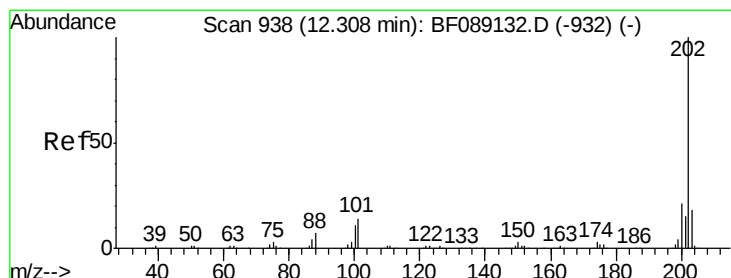
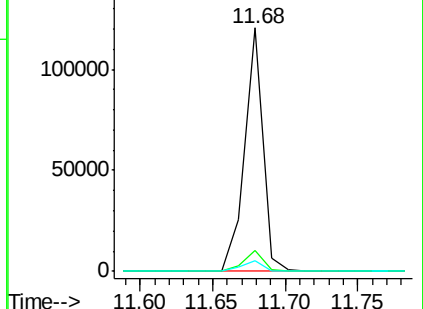
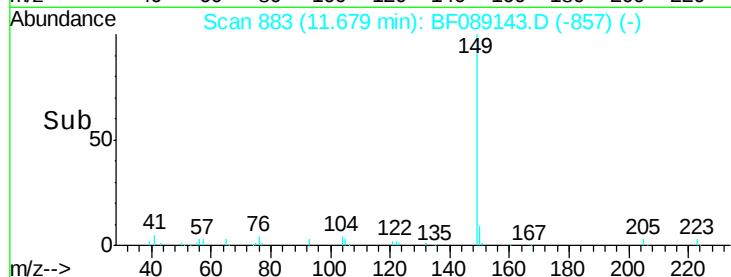
104 4.4 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.73 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

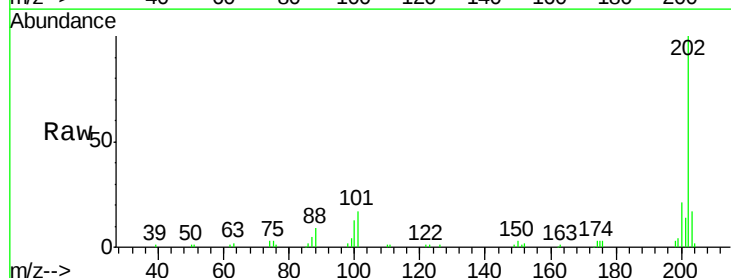
Tgt Ion:202 Resp: 90936

Ion Ratio Lower Upper

202 100

101 16.8 0.0 34.0

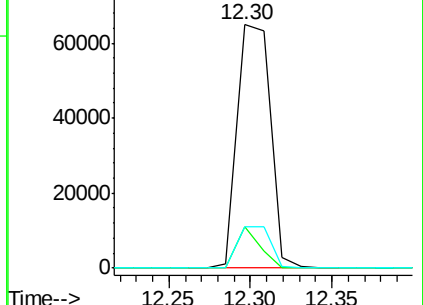
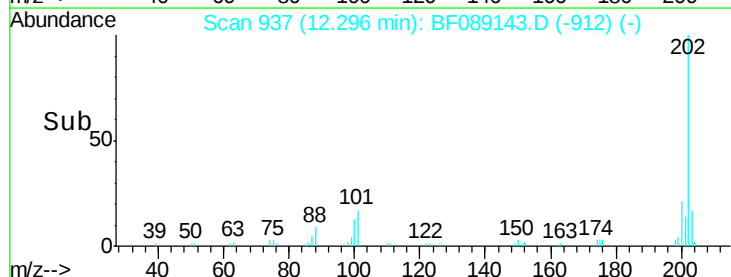
203 17.1 0.0 37.8

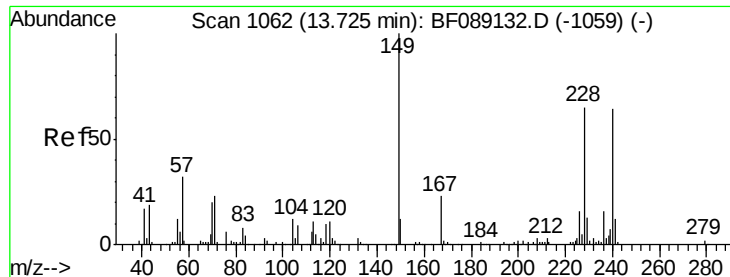


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

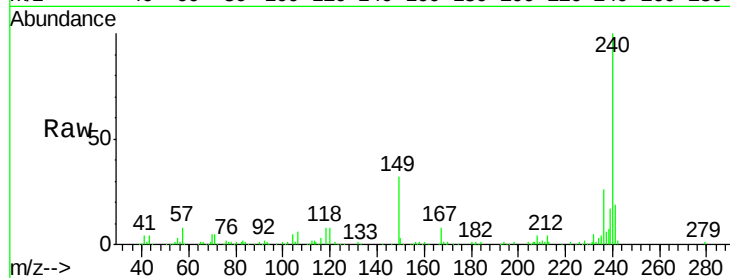
Tgt Ion:240 Resp: 221703

Ion Ratio Lower Upper

240 100

120 7.9 13.6 20.4#

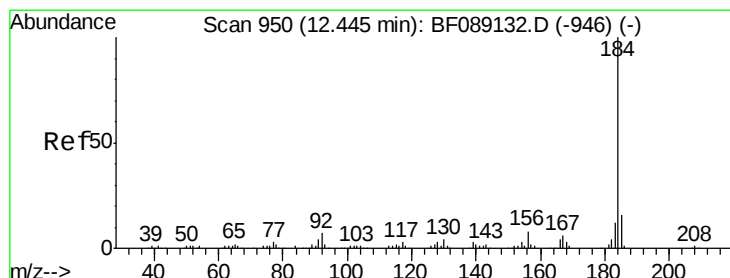
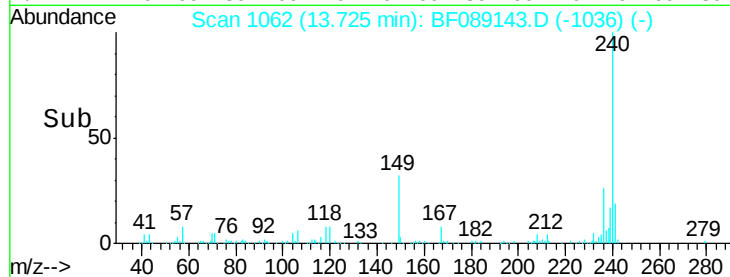
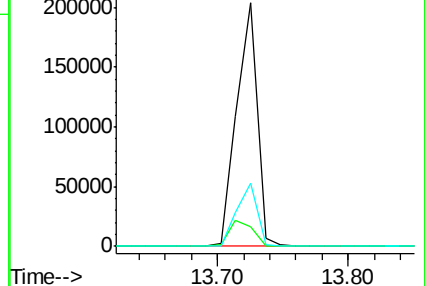
236 25.8 20.5 30.7



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: 1.36 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

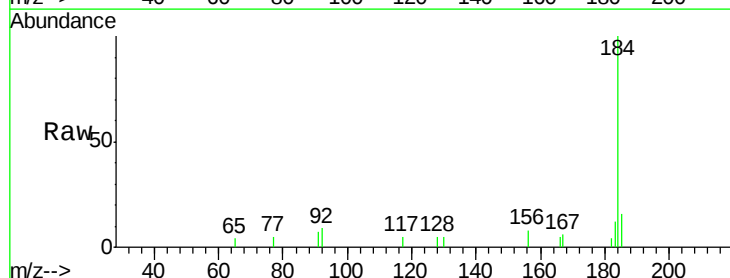
Tgt Ion:184 Resp: 10332

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

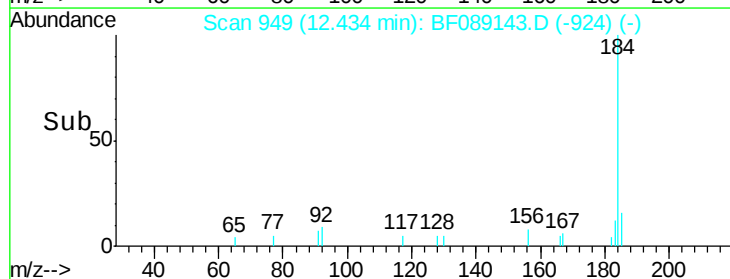
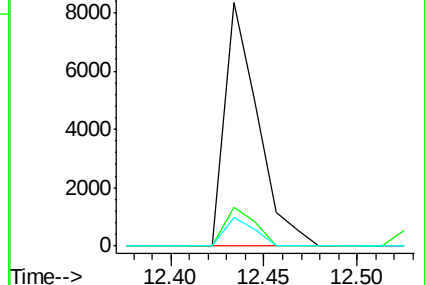
183 11.7 9.6 14.4

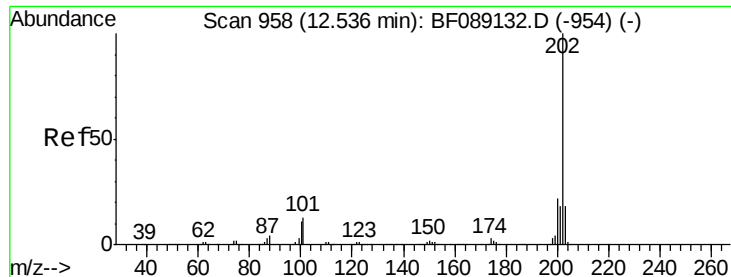


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

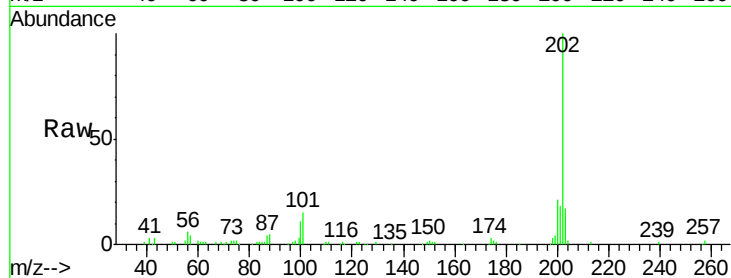




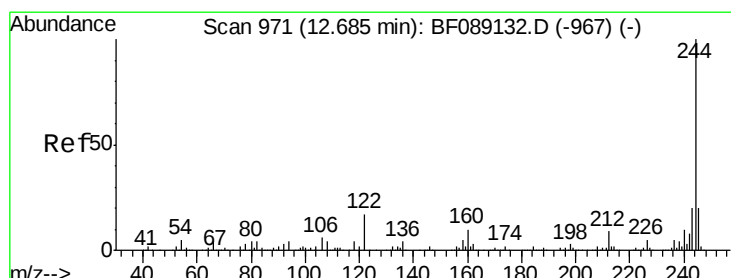
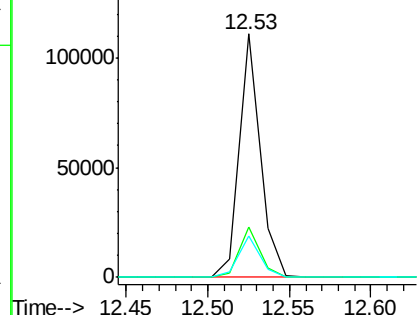
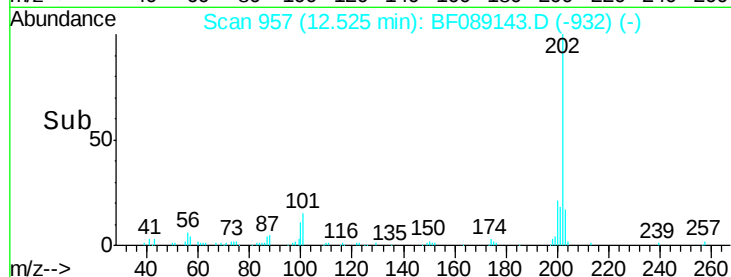
#77
 Pyrene
 Concen: 5.36 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.0
203	17.3	14.2	21.2

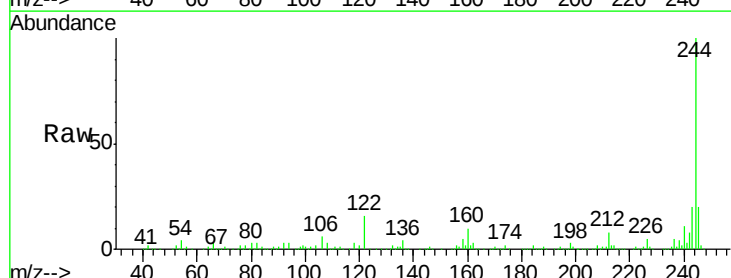


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

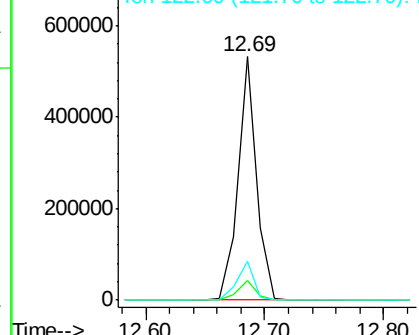
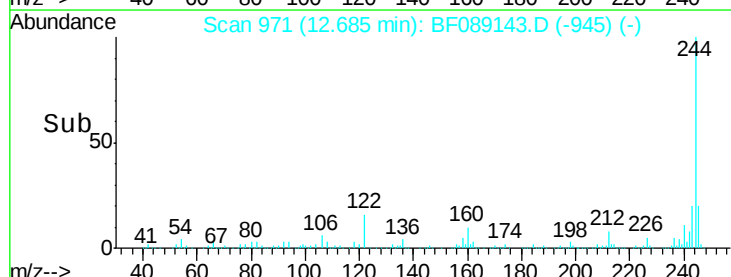


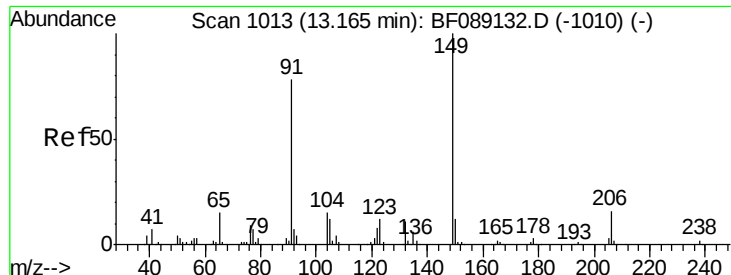
#78
 Terphenyl-d14
 Concen: 56.03 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	16.1	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

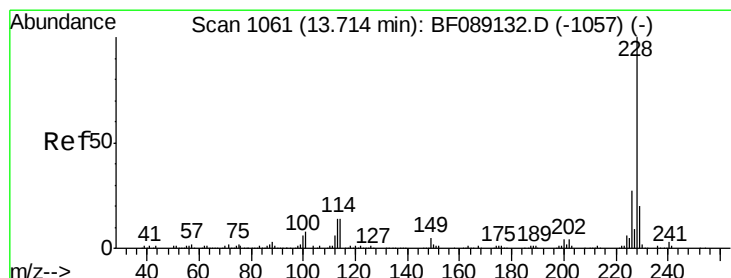
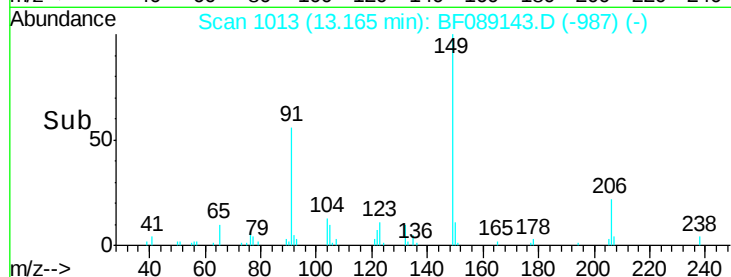
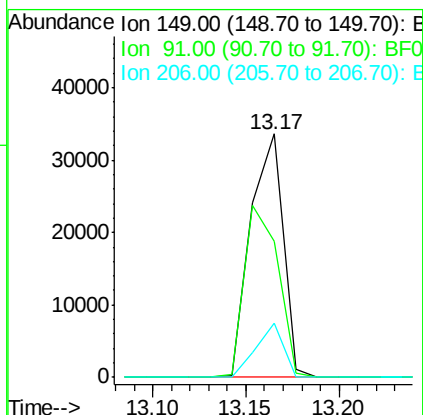
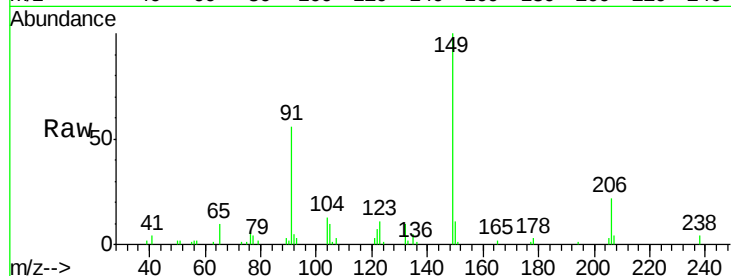




#79
Butylbenzylphthalate
Concen: 5.23 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

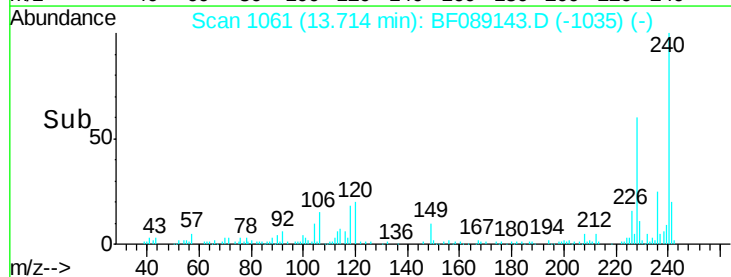
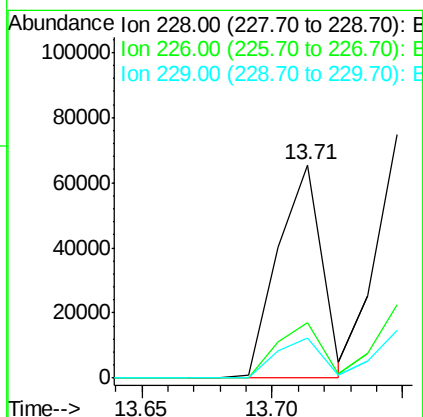
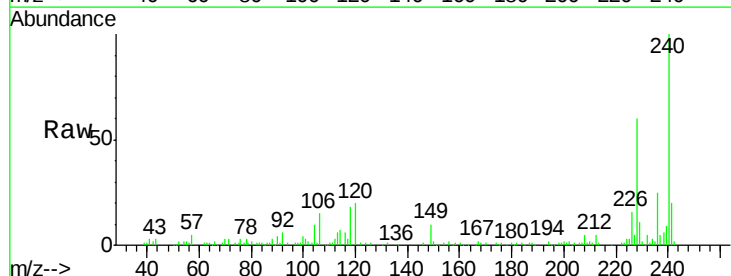
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:149 Resp: 40499
Ion Ratio Lower Upper
149 100
91 55.7 62.6 93.8#
206 22.5 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 5.41 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:228 Resp: 76330
Ion Ratio Lower Upper
228 100
226 26.3 21.8 32.8
229 18.8 15.8 23.8

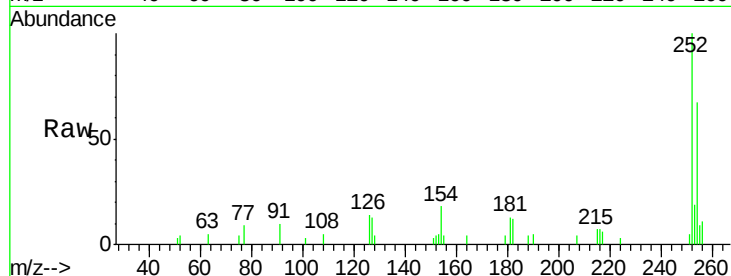




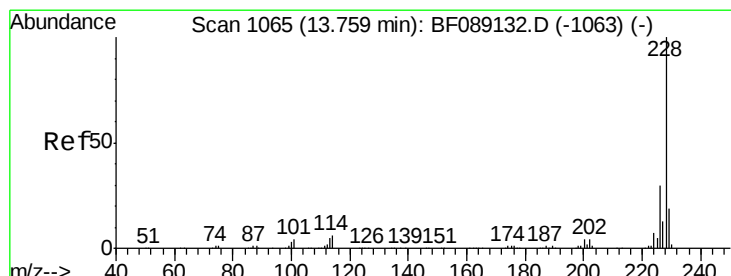
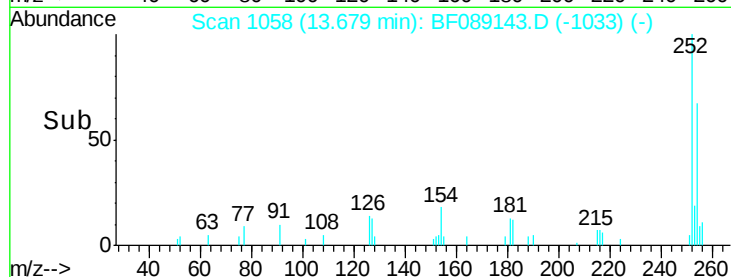
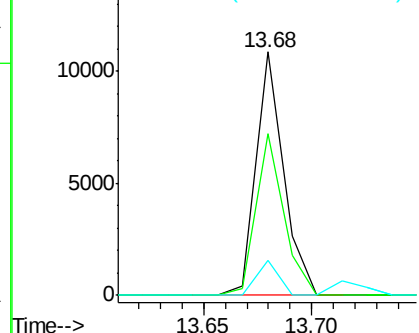
#81
 3,3'-Dichlorobenzidine
 Concen: 2.04 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:	252	Resp:	9569
Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	14.4	10.2	15.2

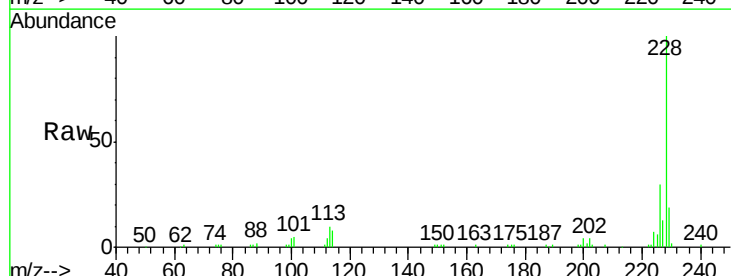


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

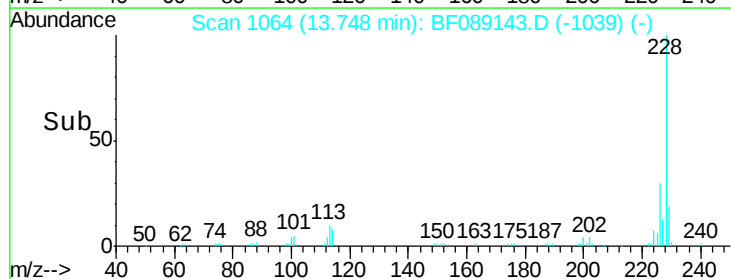
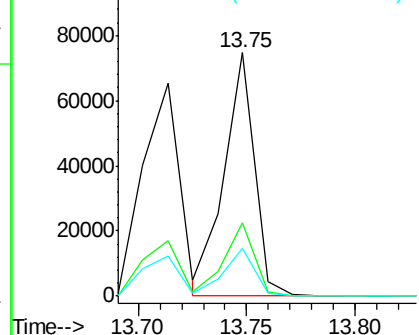


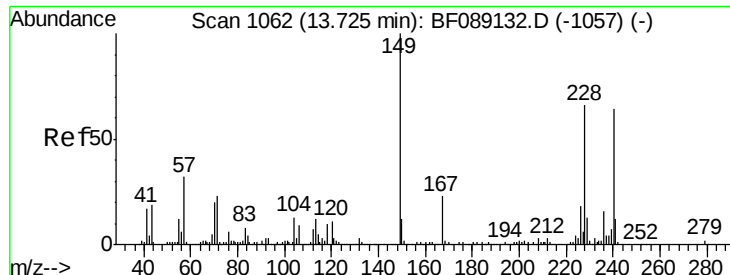
#82
 Chrysene
 Concen: 5.35 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion:	228	Resp:	72150
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.5	15.4	23.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.46 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

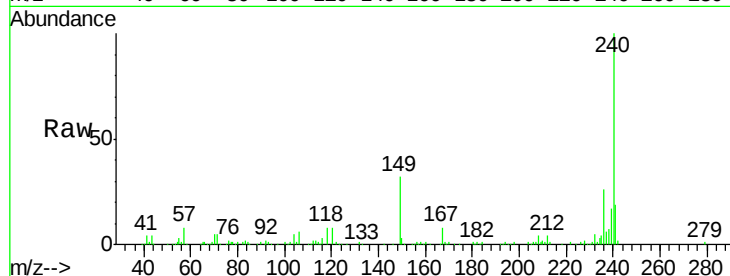
Tgt Ion:149 Resp: 56104

Ion Ratio Lower Upper

149 100

167 24.4 18.6 28.0

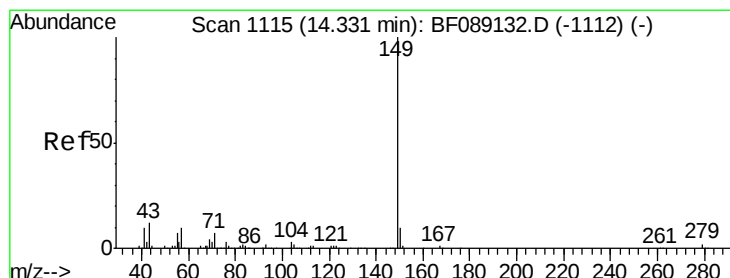
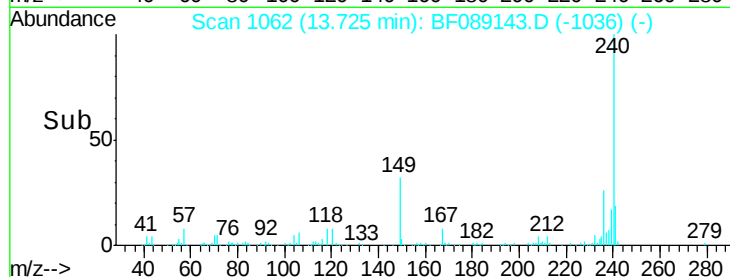
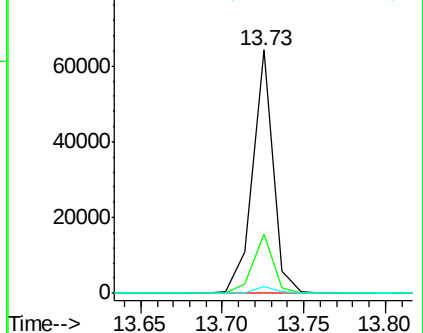
279 2.6 1.6 2.4#



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: 5.57 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

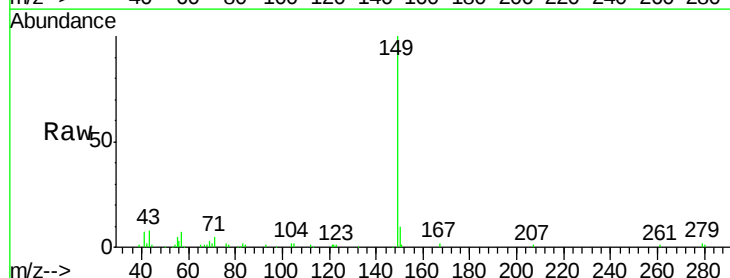
Tgt Ion:149 Resp: 94498

Ion Ratio Lower Upper

149 100

167 1.2 1.2 1.8

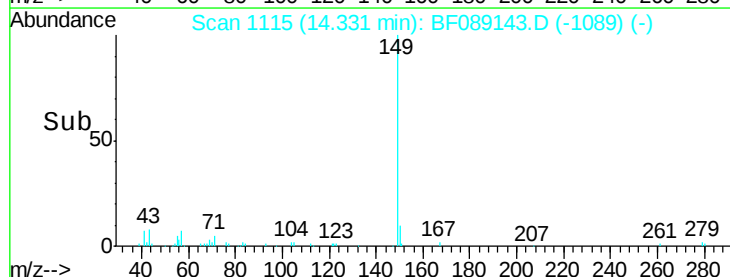
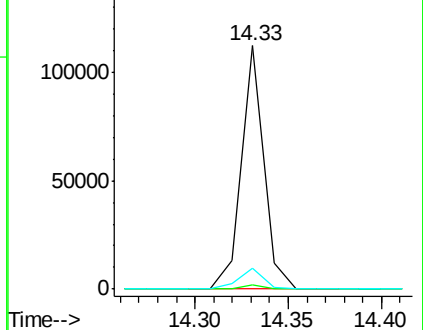
43 9.4 7.3 10.9

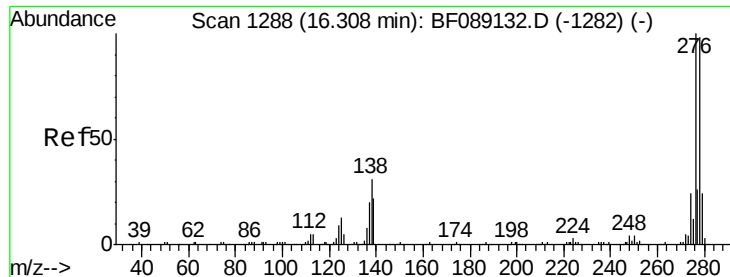


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

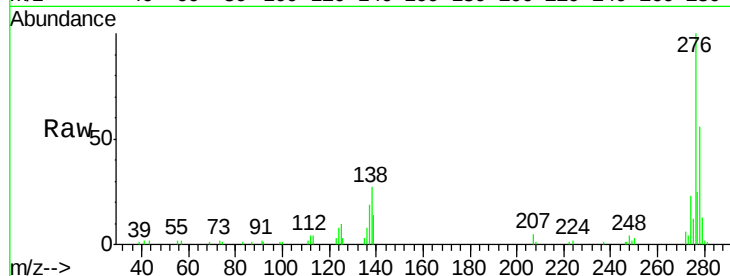




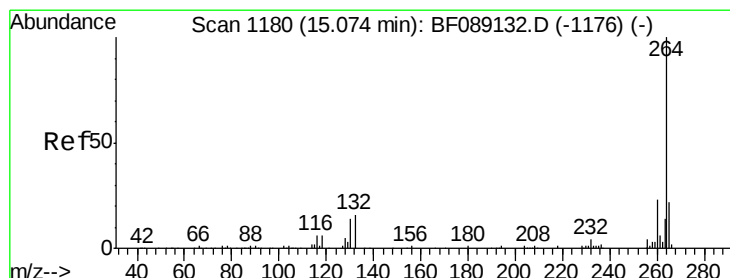
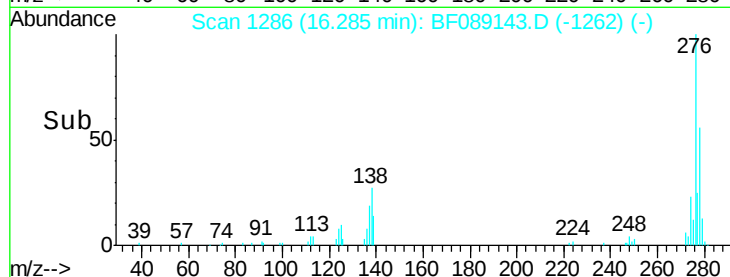
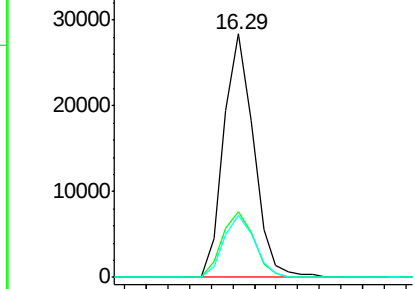
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.53 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 276 Resp: 54197
 Ion Ratio Lower Upper
 276 100
 138 28.7 23.7 35.5
 277 25.9 20.6 31.0

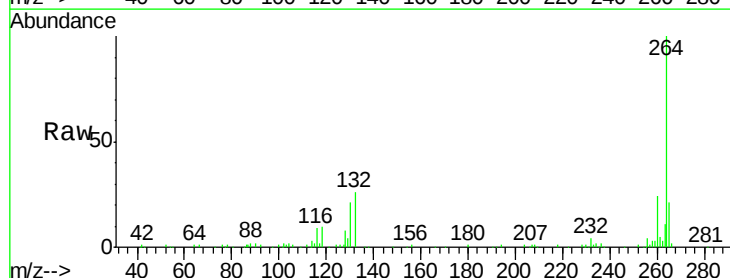


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

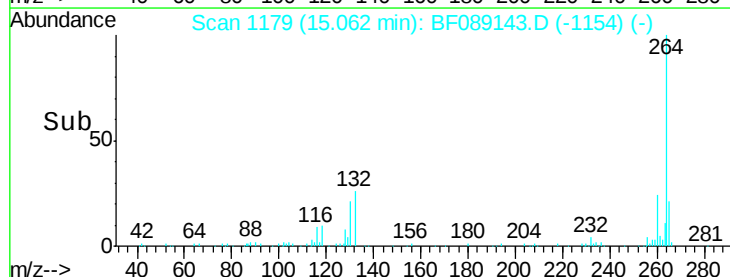
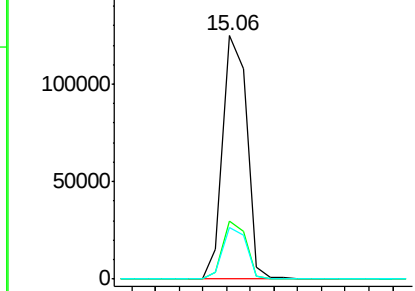


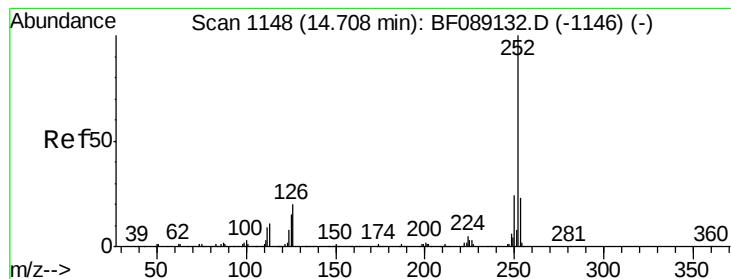
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089143.D
 Acq: 20 Jul 2016 20:53

Tgt Ion: 264 Resp: 176204
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 10.20 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

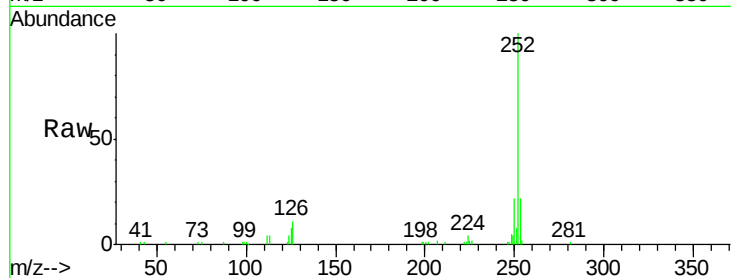
Tgt Ion:252 Resp: 130218

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

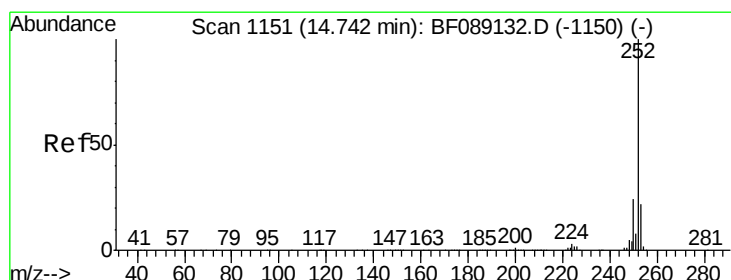
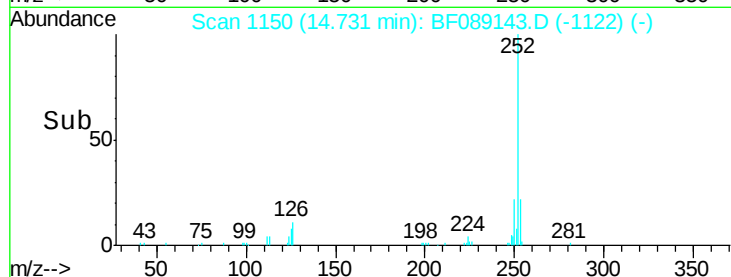
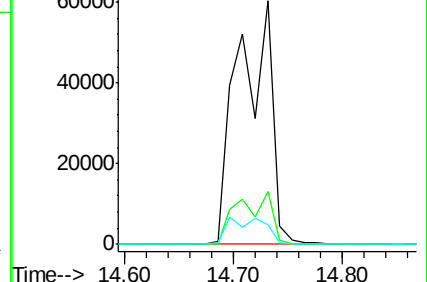
125 8.0 11.9 17.9#



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: 14.27 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

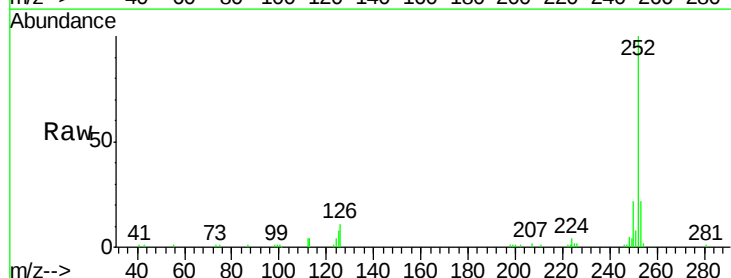
Tgt Ion:252 Resp: 130218

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

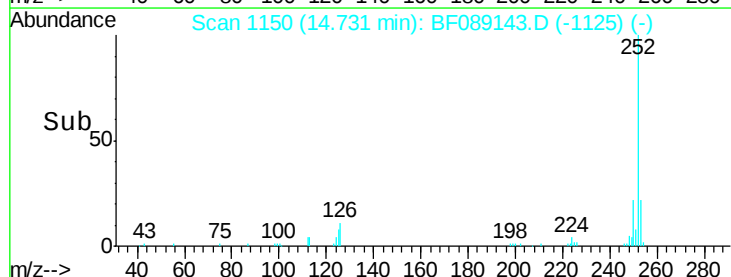
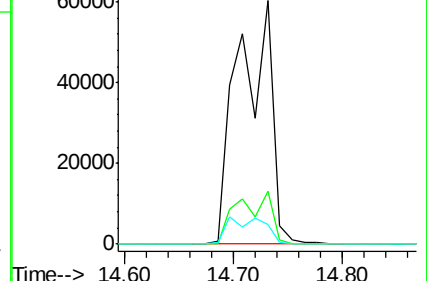
125 8.0 6.3 9.5

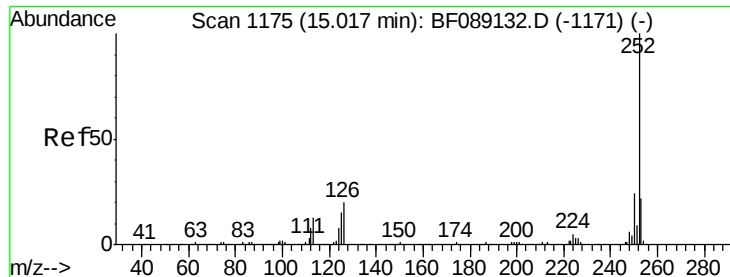


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.07 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

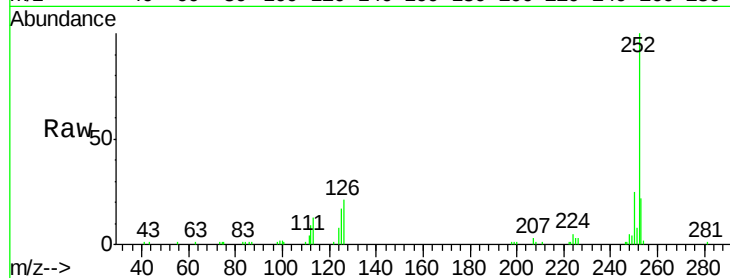
Tgt Ion:252 Resp: 60130

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

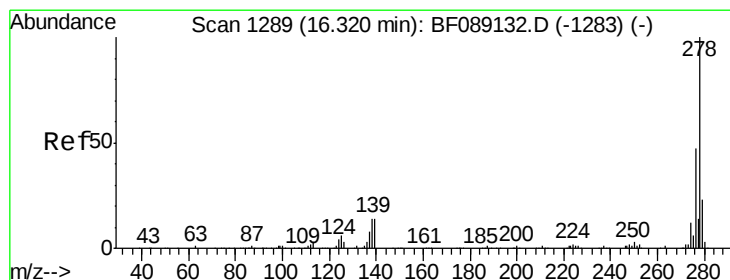
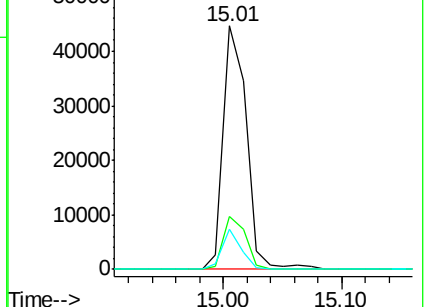
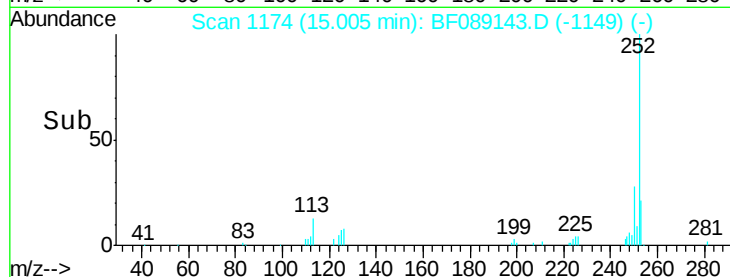
125 16.5 12.4 18.6



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: 5.63 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089143.D

Acq: 20 Jul 2016 20:53

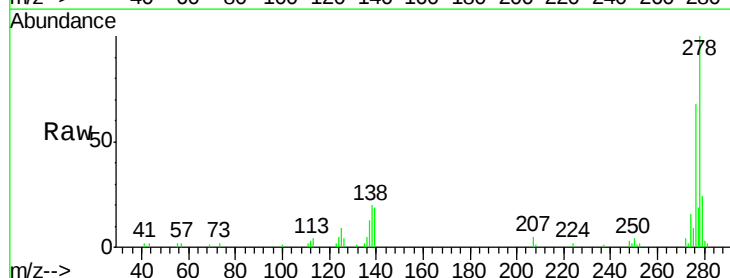
Tgt Ion:278 Resp: 44042

Ion Ratio Lower Upper

278 100

139 19.4 11.4 17.2#

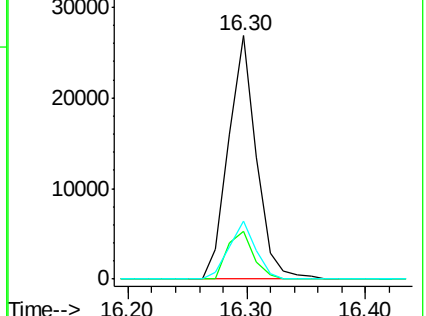
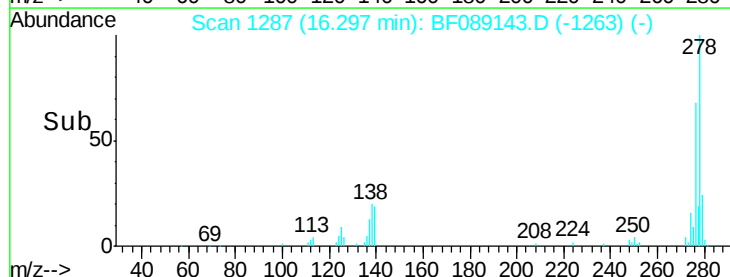
279 23.9 18.4 27.6

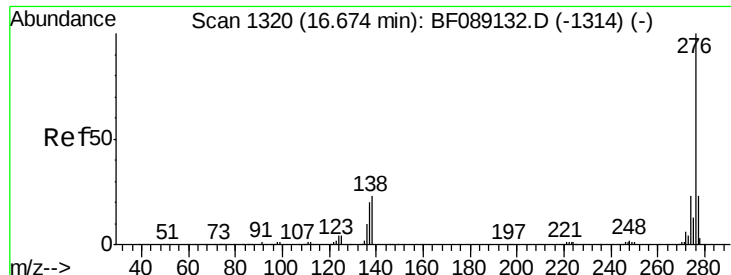


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.67 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089143.D

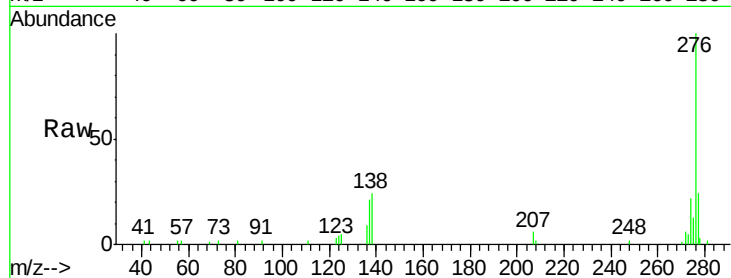
Acq: 20 Jul 2016 20:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01



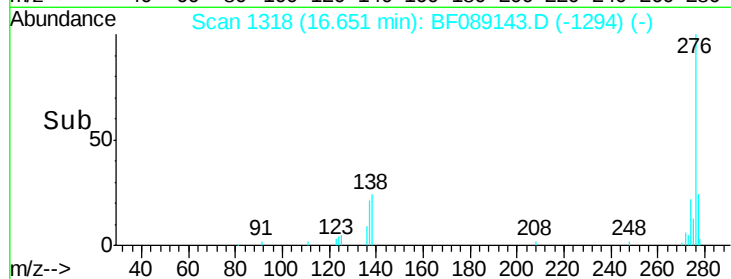
Tgt Ion: 276 Resp: 44749

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 24.2 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

