

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089141.D
 Acq On : 20 Jul 2016 19:53
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD 2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jul 21 01:36:54 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	60122	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	267027	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	125929	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	250031	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	203806	20.00	ng	0.00
86) Perylene-d12	15.06	264	161655	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	412078	104.24	ng	0.01
7) Phenol-d6	6.26	99	536210	105.18	ng	-0.01
23) Nitrobenzene-d5	7.16	82	337967	67.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	131317	115.82	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	605763	66.28	ng	-0.01
78) Terphenyl-d14	12.69	244	551338	58.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	2087	1.22	ng	# 1
4) n-Nitrosodimethylamine	2.82	42	220	0.12	ng	# 78
6) Aniline	6.27	93	3898	0.57	ng	# 1
8) 2-Chlorophenol	6.39	128	6676	1.52	ng	# 56
9) Benzaldehyde	6.15	77	5099	1.20	ng	# 87
10) Phenol	6.27	94	8116	1.38	ng	# 1
11) bis(2-Chloroethyl)ether	6.34	93	6709	1.52	ng	# 91
12) 1,3-Dichlorobenzene	6.54	146	6687	1.38	ng	# 99
13) 1,4-Dichlorobenzene	6.62	146	7252	1.49	ng	# 96
14) 1,2-Dichlorobenzene	6.62	146	7252	1.58	ng	# 100
15) Benzyl Alcohol	6.75	79	11382	3.05	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	6.89	45	7049	1.40	ng	# 77
17) 2-Methylphenol	6.89	107	5375	1.56	ng	# 89
18) Hexachloroethane	7.11	117	2891	1.58	ng	# 92
19) n-Nitroso-di-n-propylamine	7.02	70	4287	1.29	ng	# 86
20) 3+4-Methylphenols	7.05	107	6685	1.43	ng	# 90
22) Acetophenone	7.02	105	9762	1.37	ng	# 93
24) Nitrobenzene	7.19	77	8309	1.57	ng	# 92
25) Isophorone	7.43	82	12587	1.36	ng	# 95
26) 2-Nitrophenol	7.51	139	2788	1.13	ng	# 98
27) 2,4-Dimethylphenol	7.56	122	4935	1.18	ng	# 98
28) bis(2-Chloroethoxy)methane	7.64	93	7724	1.33	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	5110	1.36	ng	# 97
30) 1,2,4-Trichlorobenzene	7.83	180	5684	1.37	ng	# 93
31) Naphthalene	7.91	128	19790	1.37	ng	# 98
32) Benzoic acid	7.66	122	473	0.15	ng	# 98
33) 4-Chloroaniline	7.98	127	4277	0.71	ng	# 93
34) Hexachlorobutadiene	8.03	225	2848	1.23	ng	# 96
35) Caprolactam	8.30	113	1001	0.86	ng	# 90
36) 4-Chloro-3-methylphenol	8.47	107	5960	1.32	ng	# 94
37) 2-Methylnaphthalene	8.70	142	12185	1.33	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	5529	1.18	ng	# 98
40) Hexachlorocyclopentadiene	8.75	237	219	8.58	ng	# 27
42) 2,4,6-Trichlorophenol	8.88	196	3360	1.28	ng	# 98

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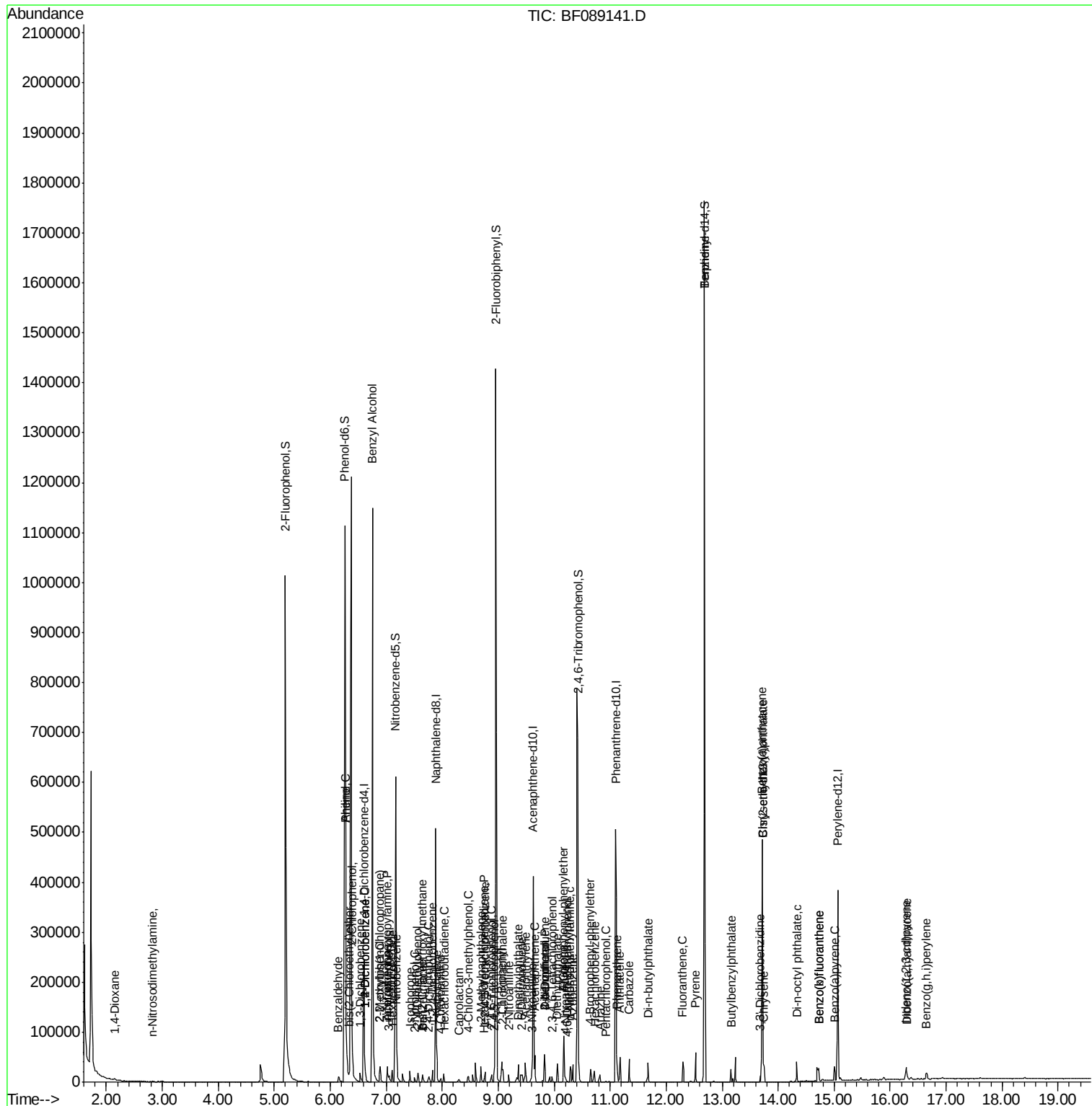
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	3709	1.41	ng	# 81
45) 1,1'-Biphenyl	9.06	154	16633	1.47	ng	96
46) 2-Chloronaphthalene	9.08	162	12006	1.39	ng	92
47) 2-Nitroaniline	9.19	65	3688	1.25	ng	# 83
48) Acenaphthylene	9.48	152	19335	1.43	ng	99
49) Dimethylphthalate	9.36	163	15467	1.60	ng	98
50) 2,6-Dinitrotoluene	9.43	165	2946	1.35	ng	96
51) Acenaphthene	9.66	154	12026	1.50	ng	94
52) 3-Nitroaniline	9.60	138	3012	1.16	ng	# 85
54) Dibenzofuran	9.83	168	17928	1.66	ng	97
55) 4-Nitrophenol	9.83	139	9083	5.79	ng	# 9
56) 2,4-Dinitrotoluene	9.83	165	4017	1.43	ng	# 97
57) Fluorene	10.17	166	15625	1.70	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.96	232	2764	1.46	ng	# 96
59) Diethylphthalate	10.06	149	15669	1.64	ng	98
60) 4-Chlorophenyl-phenylether	10.17	204	7182	1.71	ng	# 87
61) 4-Nitroaniline	10.20	138	2734	1.08	ng	92
62) Azobenzene	10.33	77	17023	1.63	ng	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	512	0.35	ng	75
65) n-Nitrosodiphenylamine	10.28	169	12392	1.48	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	3431	1.39	ng	# 72
67) Hexachlorobenzene	10.72	284	3712	1.39	ng	# 79
68) Atrazine	10.82	200	3710	1.42	ng	94
69) Pentachlorophenol	10.92	266	367	0.30	ng	91
70) Phenanthrene	11.12	178	21356	1.56	ng	98
71) Anthracene	11.18	178	22008	1.54	ng	99
72) Carbazole	11.34	167	20776	1.66	ng	98
73) Di-n-butylphthalate	11.68	149	23971	1.55	ng	98
74) Fluoranthene	12.30	202	22117	1.53	ng	98
76) Benzidine	12.69	184	9076	1.30	ng	98
77) Pyrene	12.53	202	23486	1.40	ng	99
79) Butylbenzylphthalate	13.17	149	9354	1.31	ng	# 78
80) Benzo(a)anthracene	13.71	228	18165	1.40	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	3456	0.80	ng	98
82) Chrysene	13.75	228	17385	1.40	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	13221	1.40	ng	# 96
84) Di-n-octyl phthalate	14.33	149	20085	1.29	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.29	276	12114	1.35	ng	98
87) Benzo(b)fluoranthene	14.73	252	29469	2.52	ng	# 92
88) Benzo(k)fluoranthene	14.73	252	29469	3.52	ng	100
89) Benzo(a)pyrene	15.01	252	13310	1.46	ng	99
90) Dibenzo(a,h)anthracene	16.30	278	9578	1.33	ng	# 92
91) Benzo(g,h,i)perylene	16.65	276	10077	1.39	ng	99

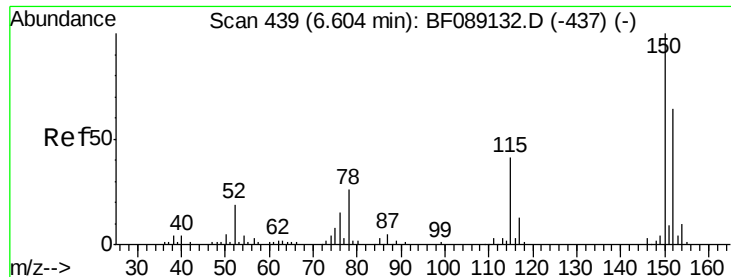
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

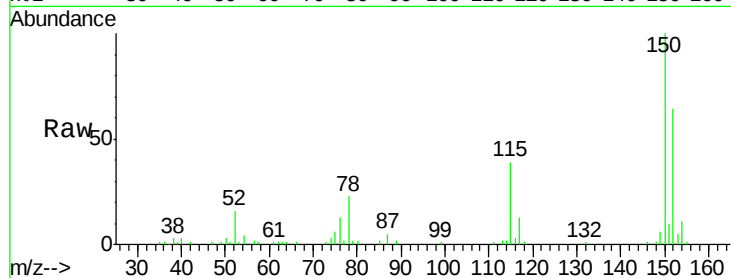
Tgt Ion:152 Resp: 60122

Ion Ratio Lower Upper

152 100

150 155.3 125.1 187.7

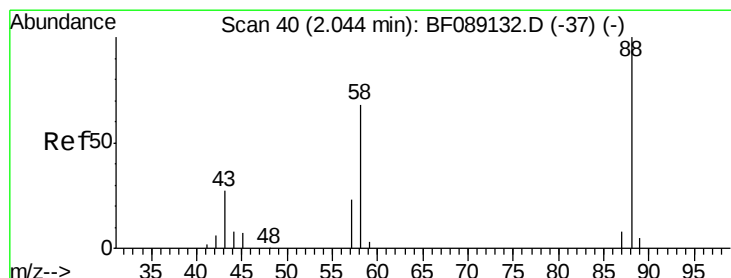
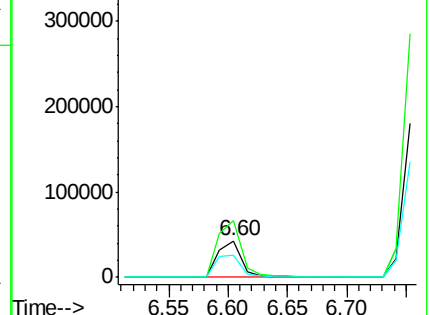
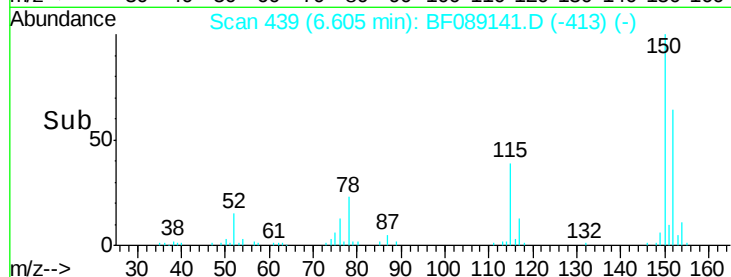
115 60.2 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.22 ng

RT: 2.15 min Scan# 49

Delta R.T. 0.10 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

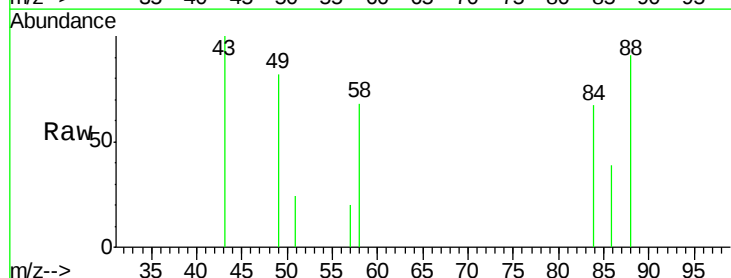
Tgt Ion: 88 Resp: 2087

Ion Ratio Lower Upper

88 100

58 171.4 49.2 73.8#

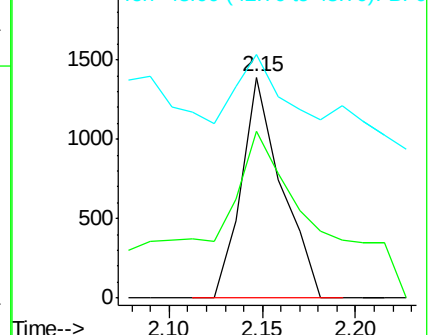
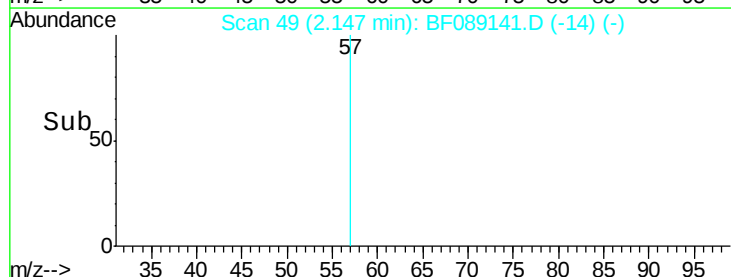
43 106.7 20.6 30.8#

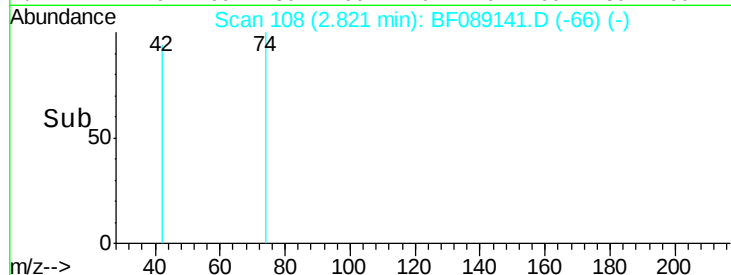
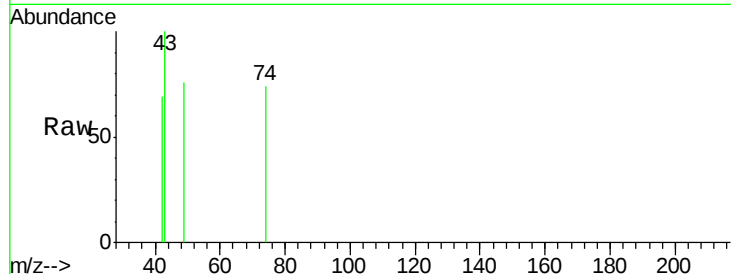
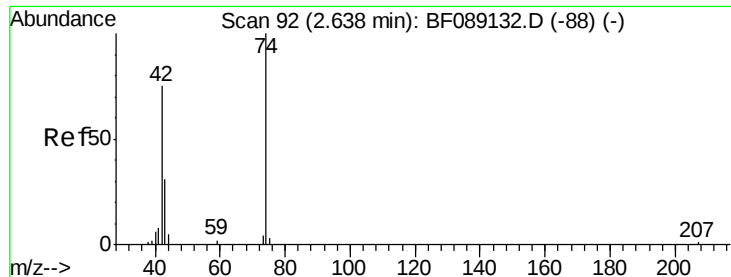


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.18 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

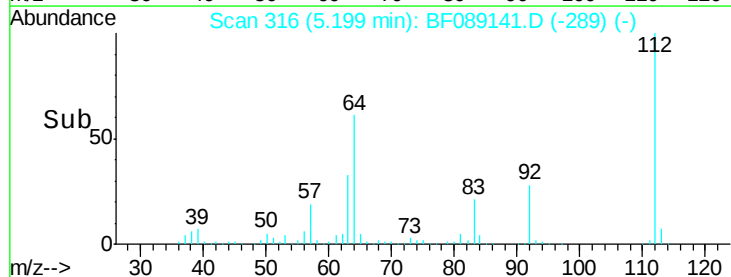
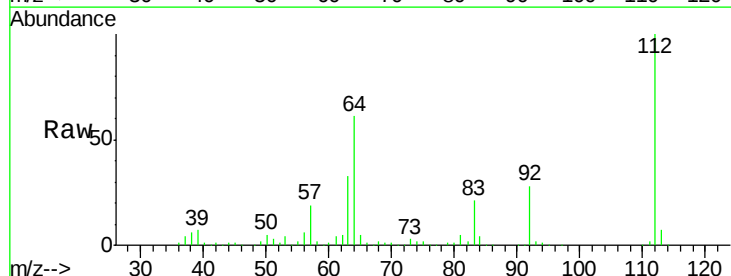
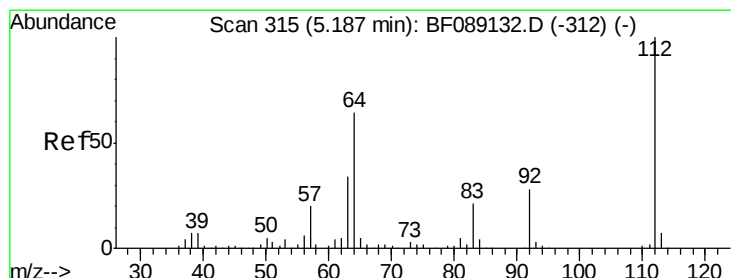
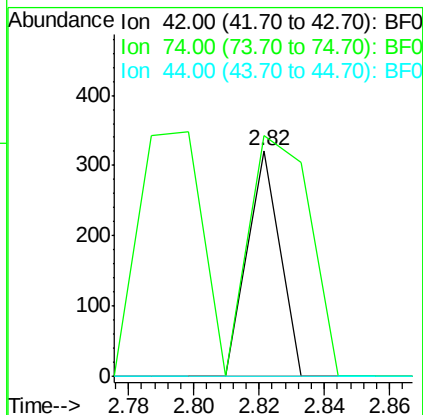
Tgt Ion: 42 Resp: 220

Ion Ratio Lower Upper

42 100

74 106.5 106.4 159.6

44 0.0 5.2 7.8#



#5

2-Fluorophenol

Concen: 104.24 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

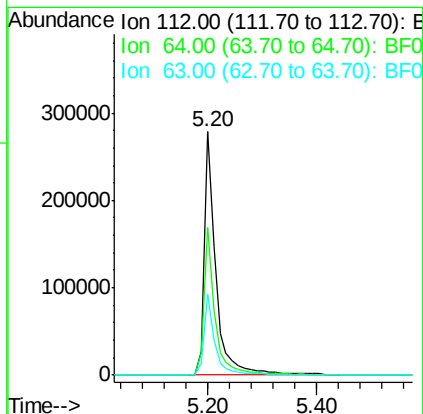
Tgt Ion: 112 Resp: 412078

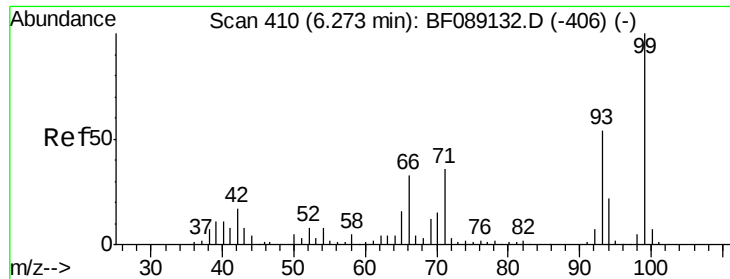
Ion Ratio Lower Upper

112 100

64 60.5 51.0 76.4

63 33.2 27.3 40.9





#6

Aniline

Concen: 0.57 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

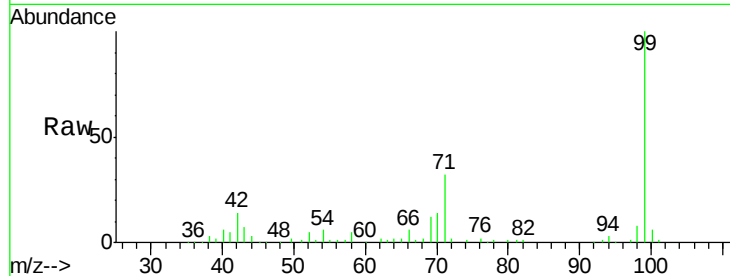
Tgt Ion: 93 Resp: 3898

Ion Ratio Lower Upper

93 100

66 418.0 48.9 73.3#

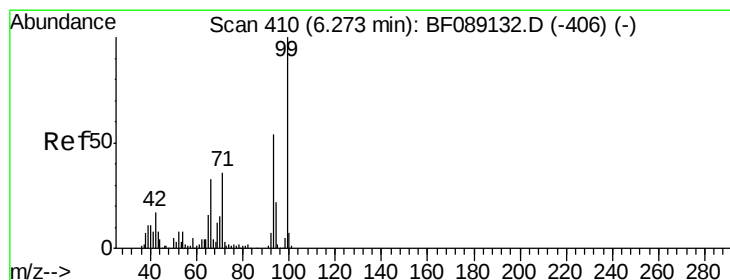
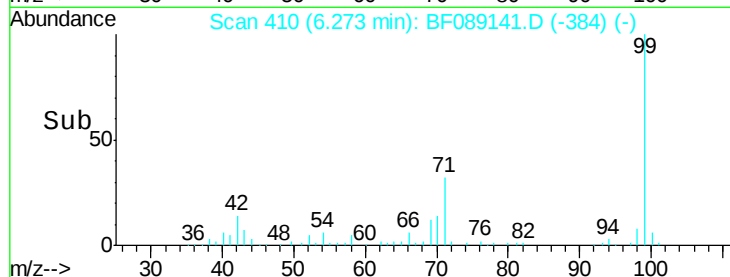
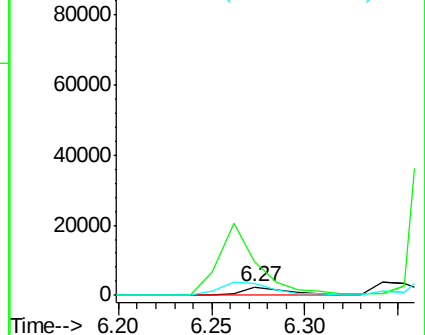
65 151.4 23.9 35.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 105.18 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

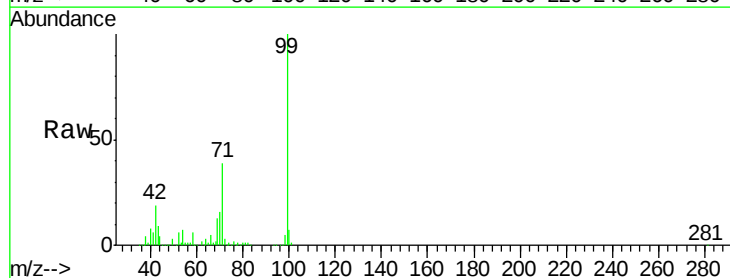
Tgt Ion: 99 Resp: 536210

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

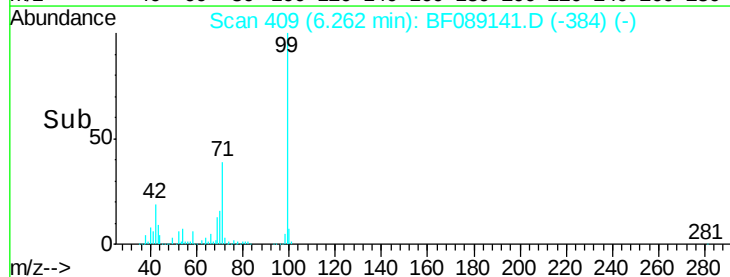
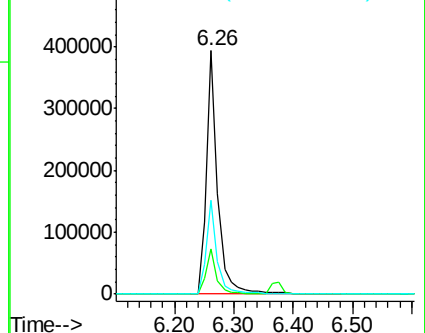
71 38.7 28.9 43.3

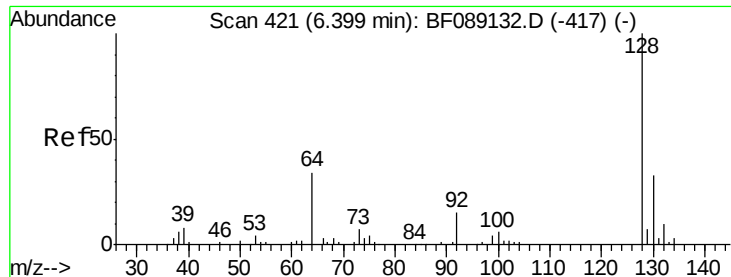


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 1.52 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089141.D

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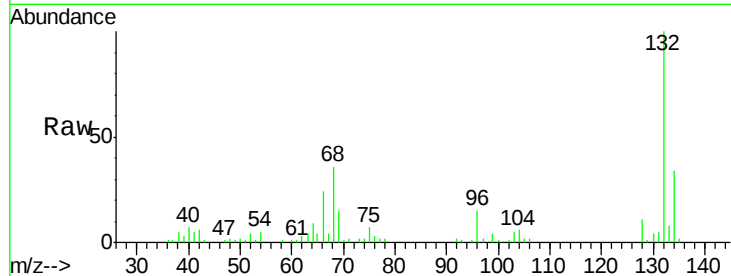
Tgt Ion: 128 Resp: 6676

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

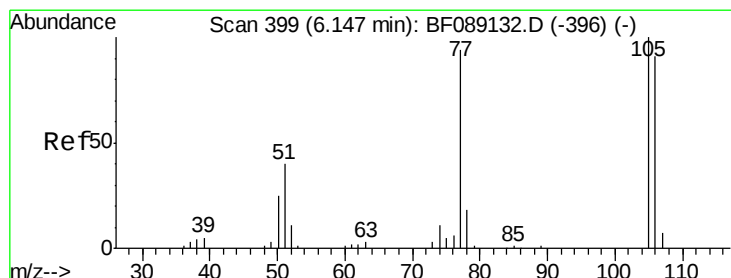
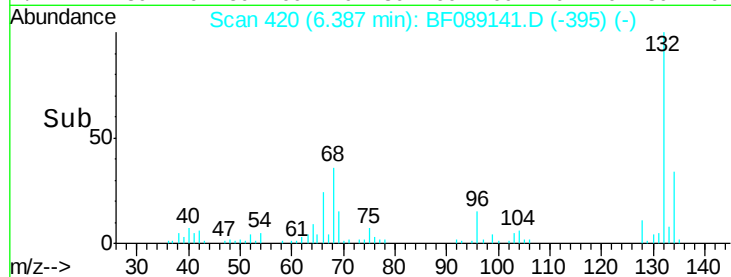
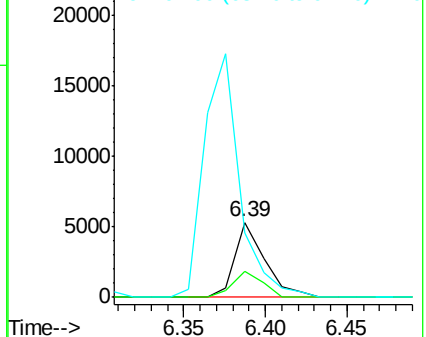
64 85.8 17.5 57.5#



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 1.20 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

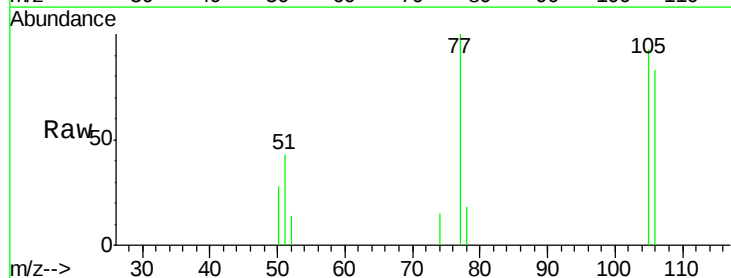
Tgt Ion: 77 Resp: 5099

Ion Ratio Lower Upper

77 100

105 92.8 86.2 126.2

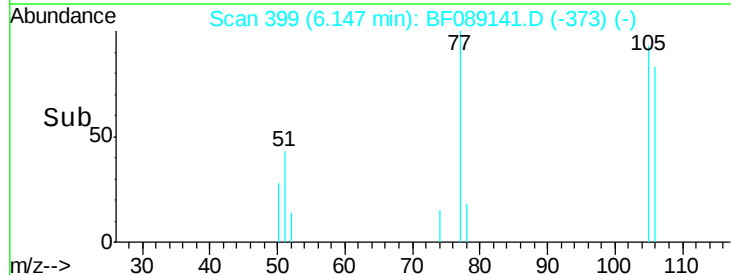
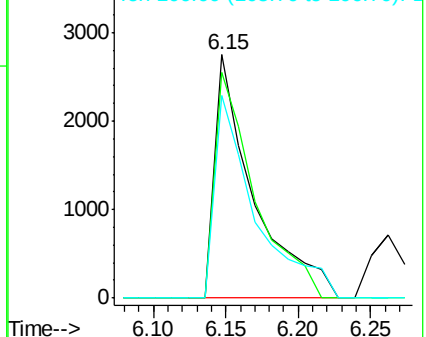
106 83.0 76.3 116.3

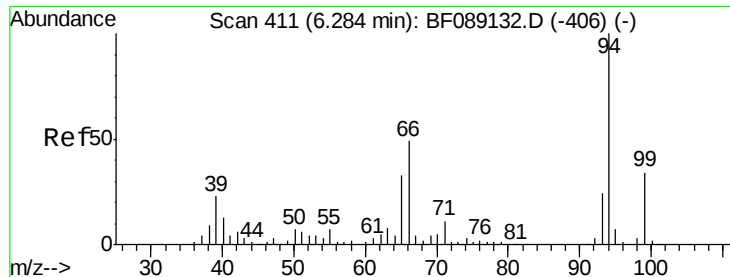


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 1.38 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

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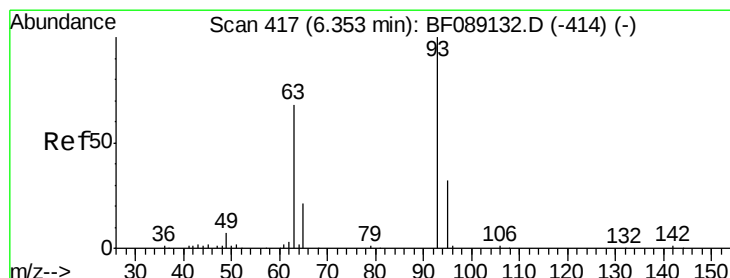
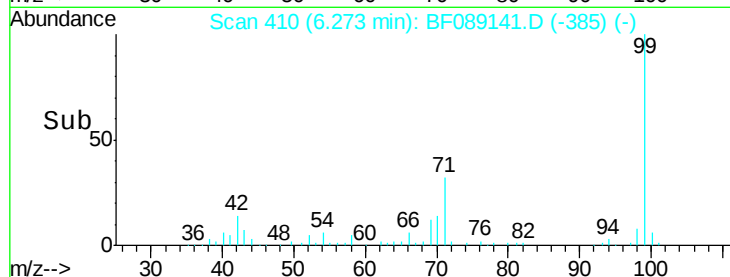
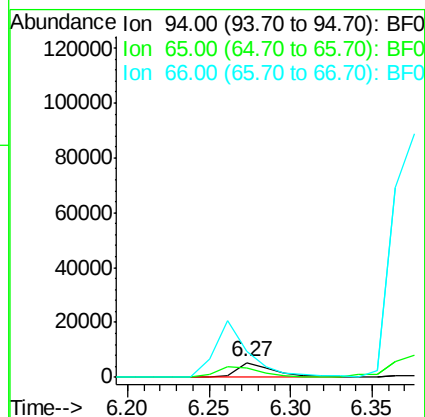
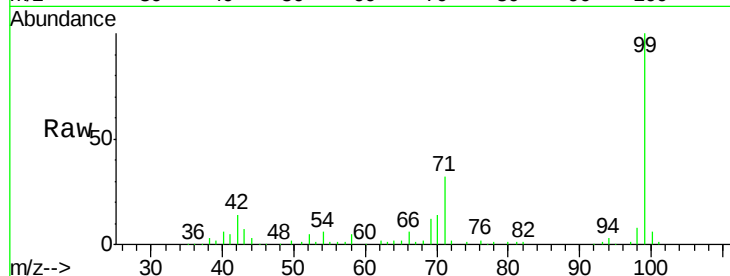
Tgt Ion: 94 Resp: 8116

Ion Ratio Lower Upper

94 100

65 65.3 13.3 53.3#

66 180.2 29.3 69.3#



#11

bis(2-Chloroethyl)ether

Concen: 1.52 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

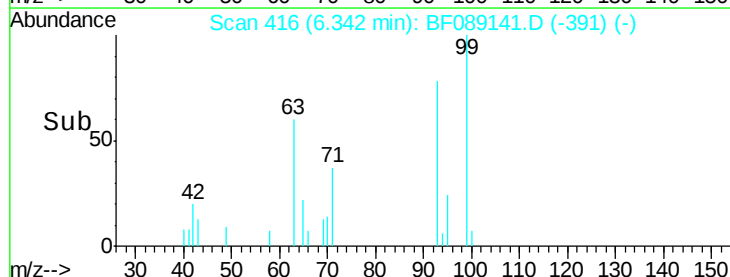
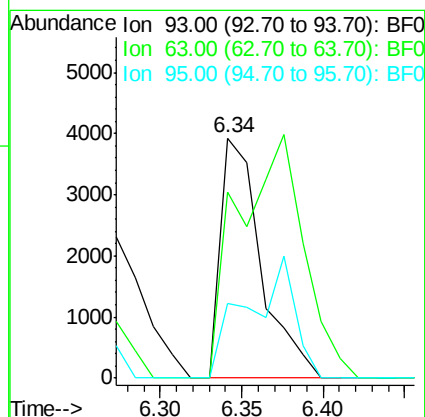
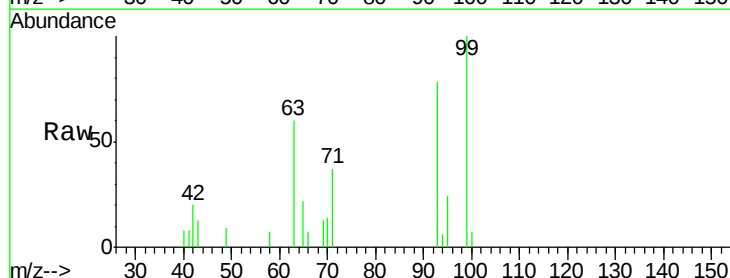
Tgt Ion: 93 Resp: 6709

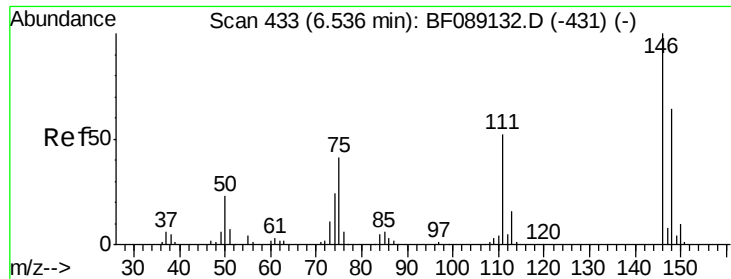
Ion Ratio Lower Upper

93 100

63 77.3 47.3 87.3

95 30.8 11.8 51.8

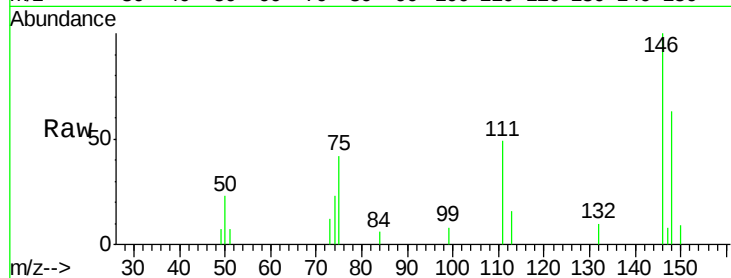




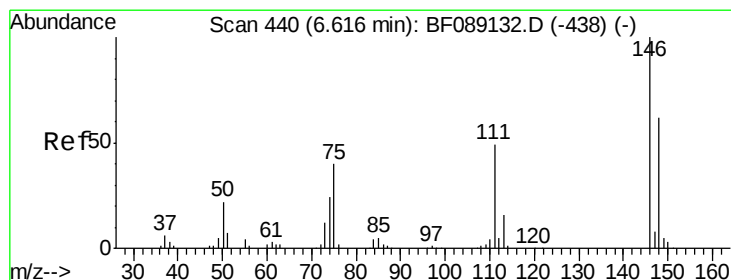
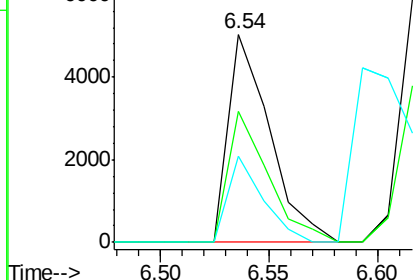
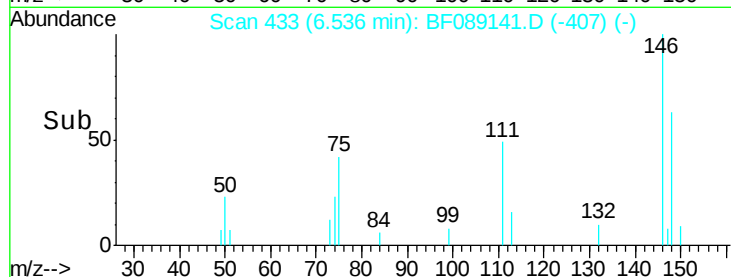
#12
 1,3-Dichlorobenzene
 Concen: 1.38 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:146 Resp: 6687
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 75 41.6 32.5 48.7

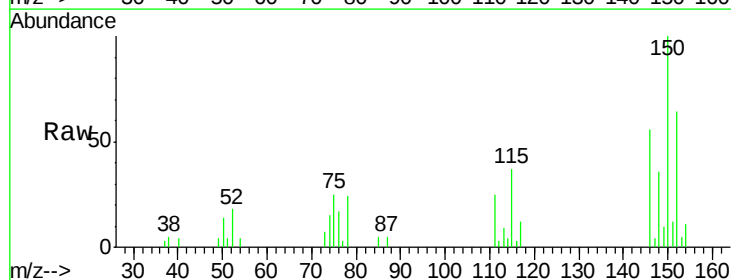


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

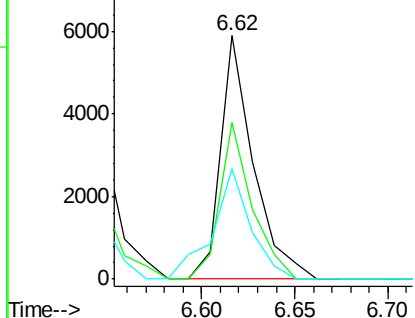
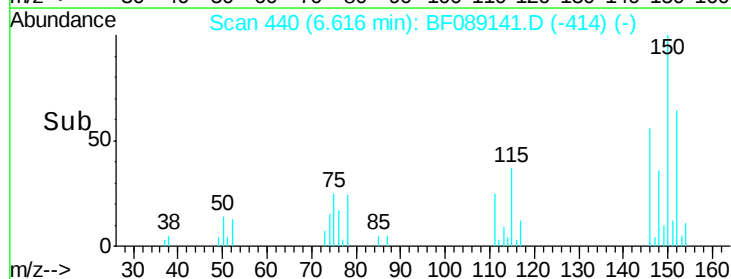


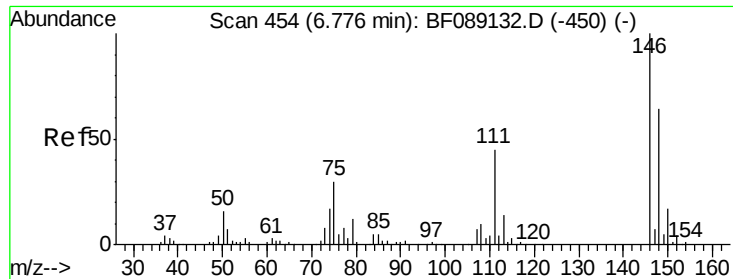
#13
 1,4-Dichlorobenzene
 Concen: 1.49 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:146 Resp: 7252
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.9 74.9
 111 45.3 39.8 59.6



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

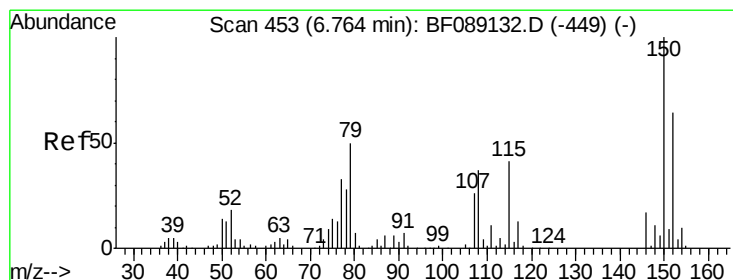
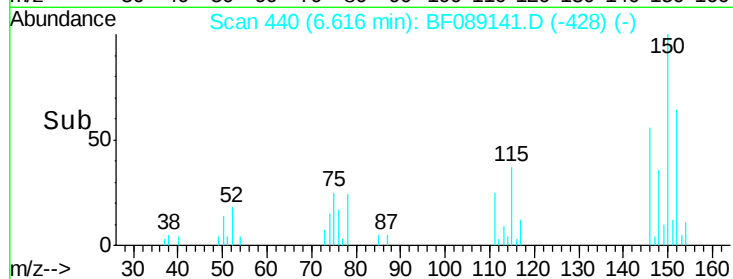
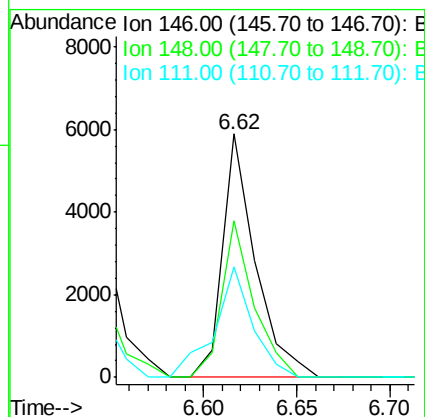
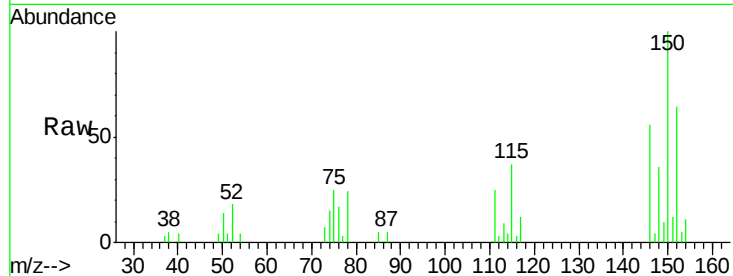




#14
1,2-Dichlorobenzene
Concen: 1.58 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.16 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

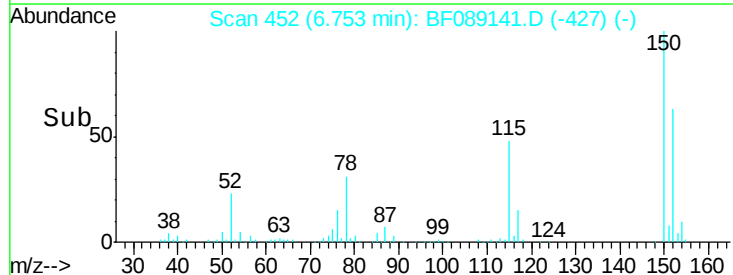
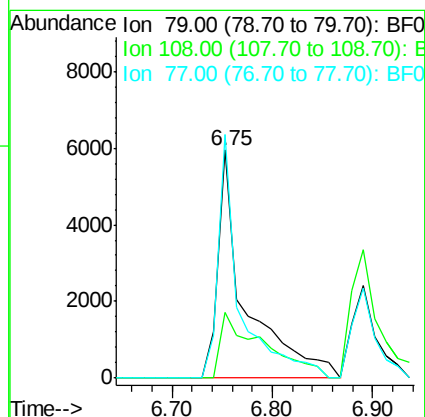
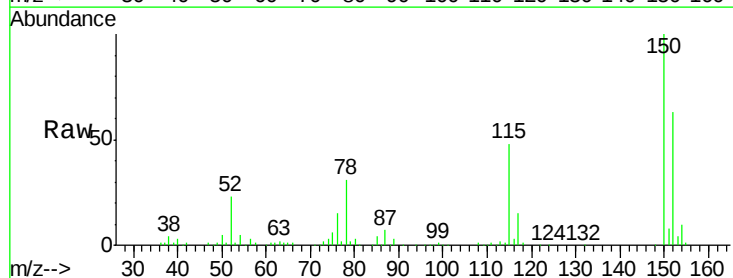
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

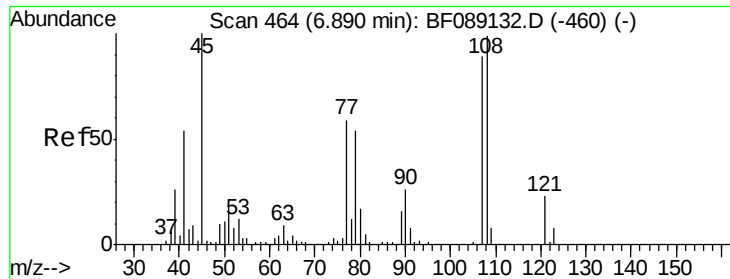
Tgt Ion: 146 Resp: 7252
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 45.3 35.9 53.9



#15
Benzyl Alcohol
Concen: 3.05 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 79 Resp: 11382
Ion Ratio Lower Upper
79 100
108 28.9 58.2 87.4#
77 106.7 52.2 78.4#

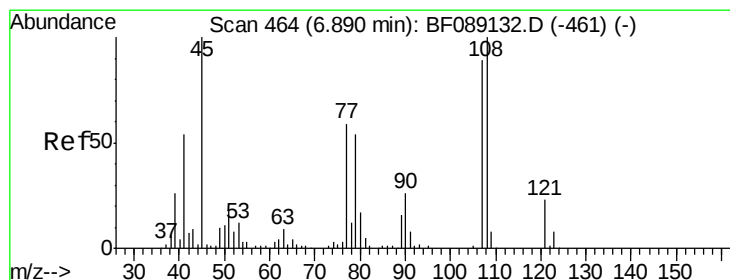
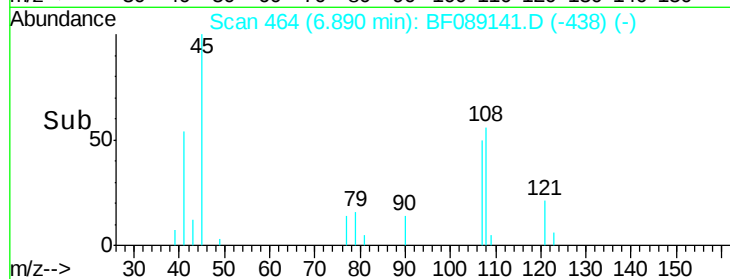
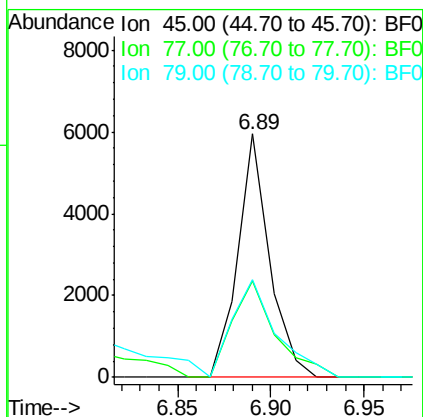
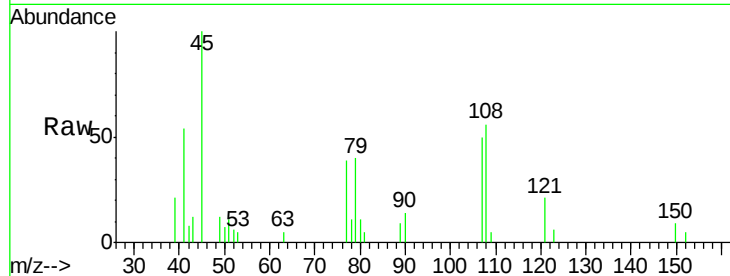




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 1.40 ng
 RT: 6.89 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

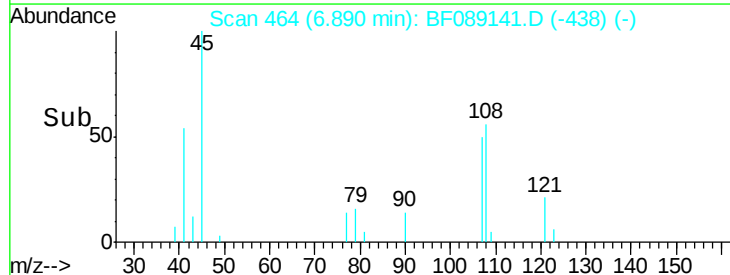
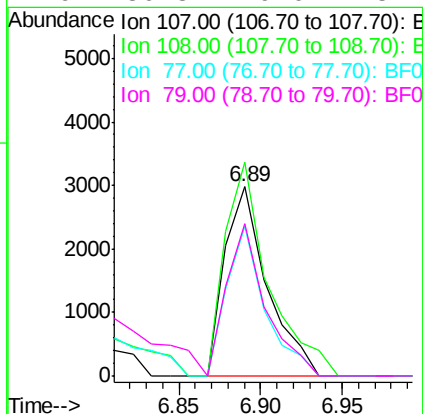
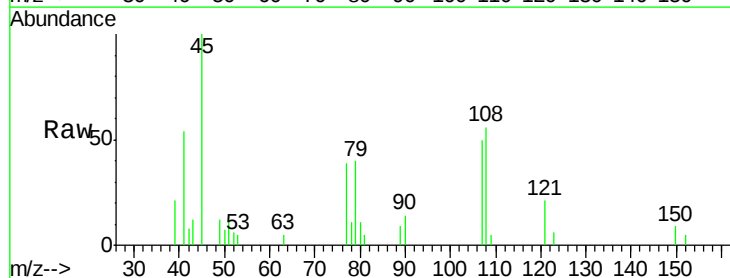
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

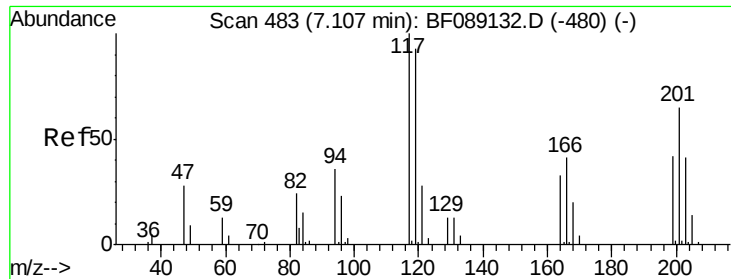
Tgt Ion: 45 Resp: 7049
 Ion Ratio Lower Upper
 45 100
 77 39.5 39.7 79.7#
 79 40.4 34.7 74.7



#17
 2-Methylphenol
 Concen: 1.56 ng
 RT: 6.89 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 107 Resp: 5375
 Ion Ratio Lower Upper
 107 100
 108 113.1 89.4 134.2
 77 79.1 53.4 80.0
 79 80.8 49.0 73.4#

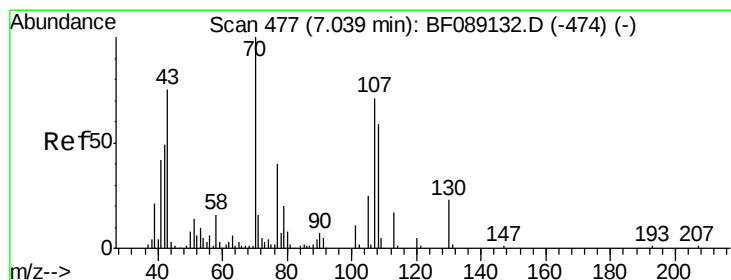
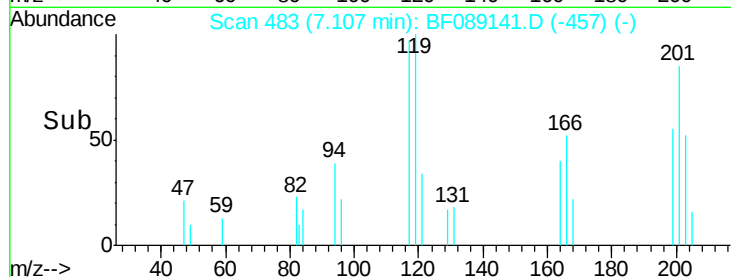
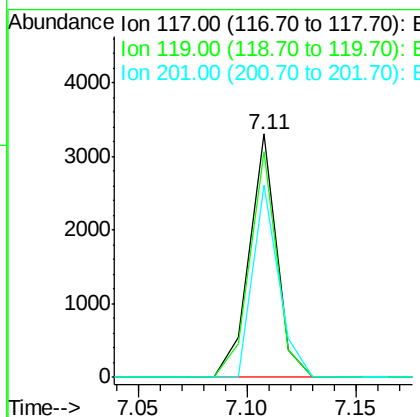
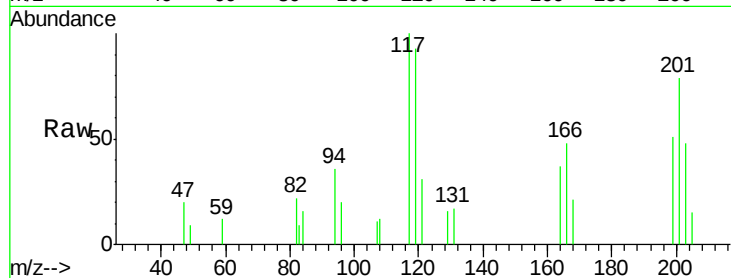




#18
Hexachloroethane
Concen: 1.58 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

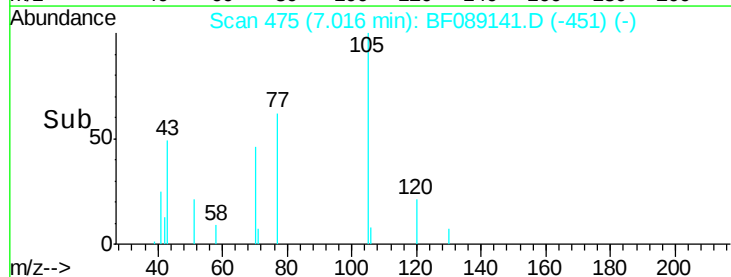
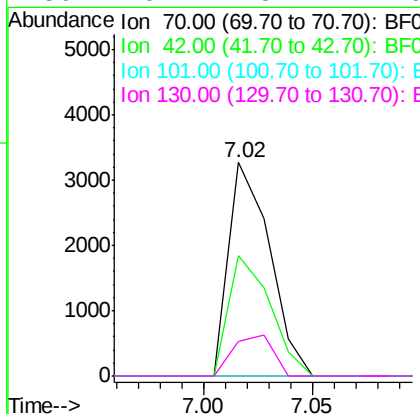
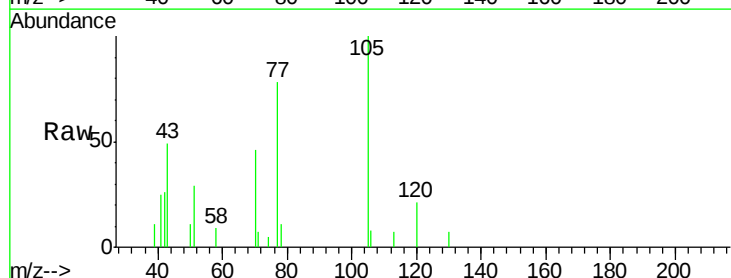
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

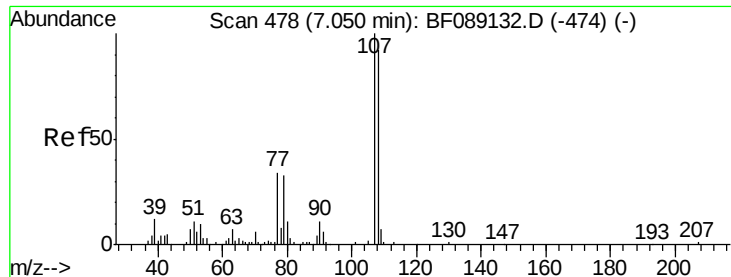
Tgt Ion: 117 Resp: 2891
Ion Ratio Lower Upper
117 100
119 92.8 74.5 111.7
201 78.9 51.8 77.6#



#19
n-Nitroso-di-n-propylamine
Concen: 1.29 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 70 Resp: 4287
Ion Ratio Lower Upper
70 100
42 56.5 39.2 58.8
101 0.0 8.5 12.7#
130 16.2 18.4 27.6#

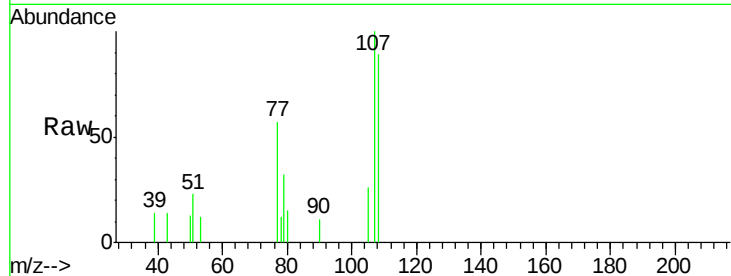




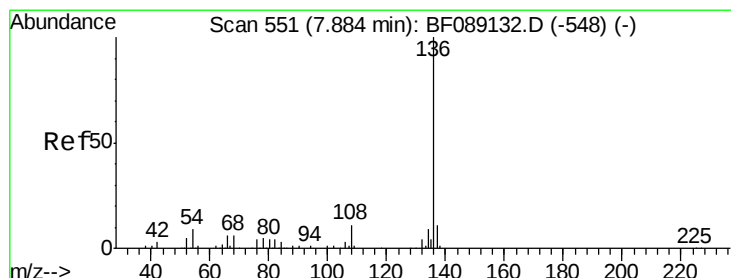
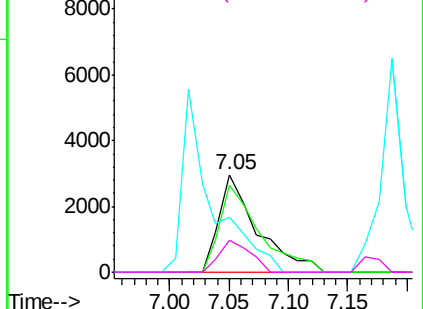
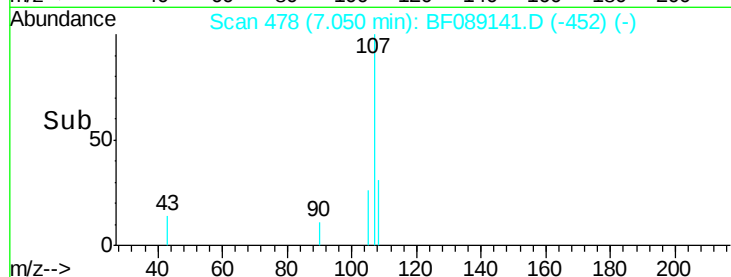
#20
3+4-Methylphenols
Concen: 1.43 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:	107	Resp:	6685
Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.5	112.5
77	56.9	17.7	57.7
79	32.4	12.9	52.9

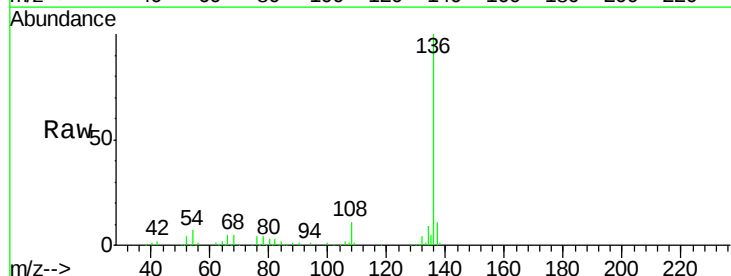


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

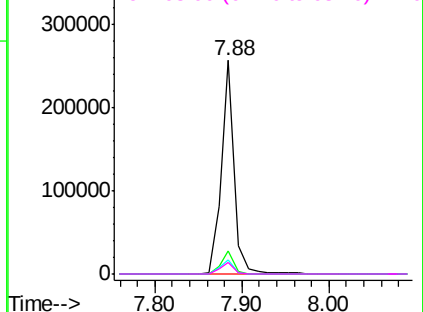
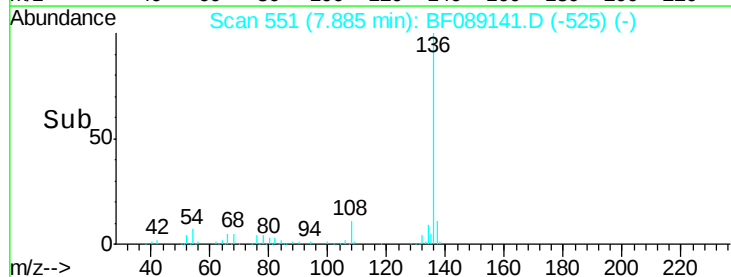


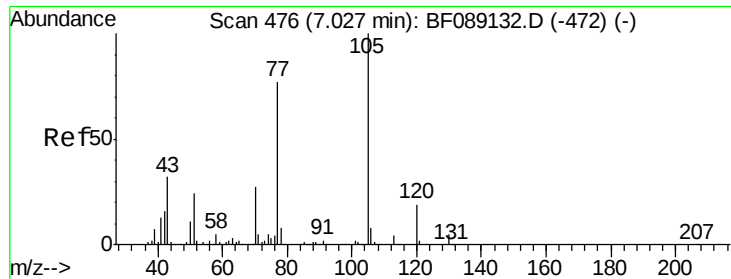
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:	136	Resp:	267027
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	7.0	10.4#
68	5.3	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

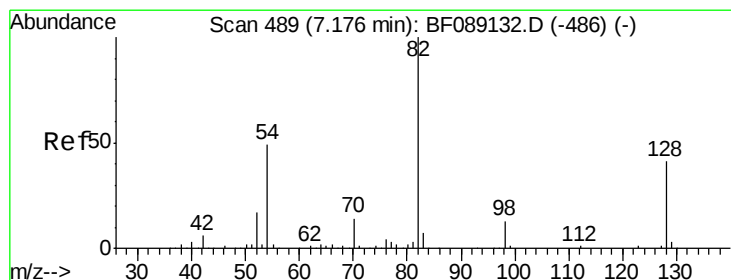
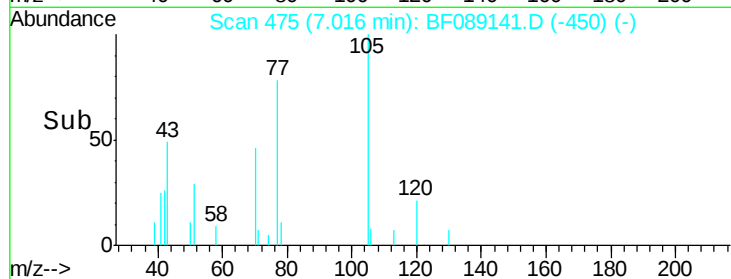
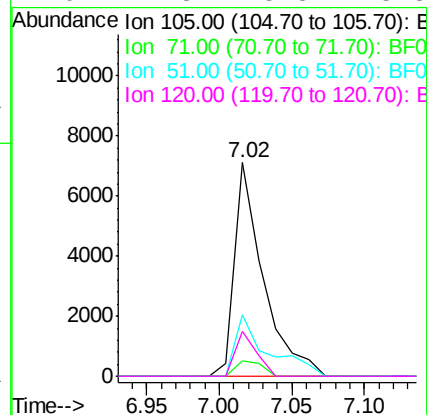
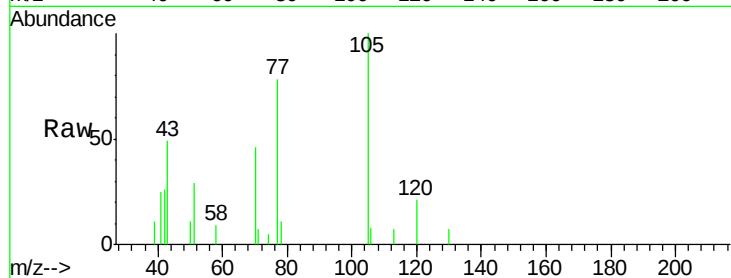




#22
Acetophenone
Concen: 1.37 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

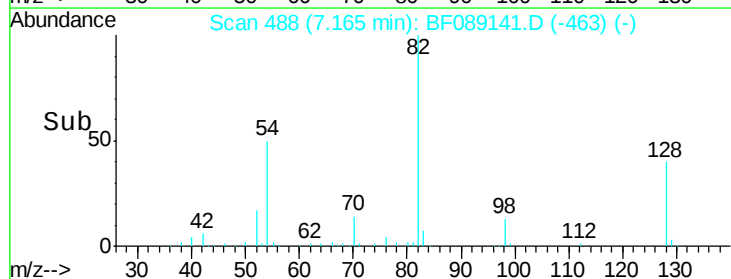
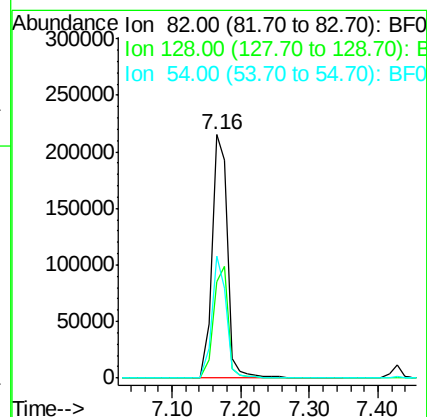
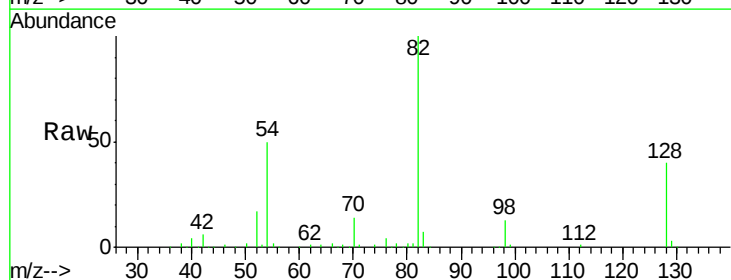
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

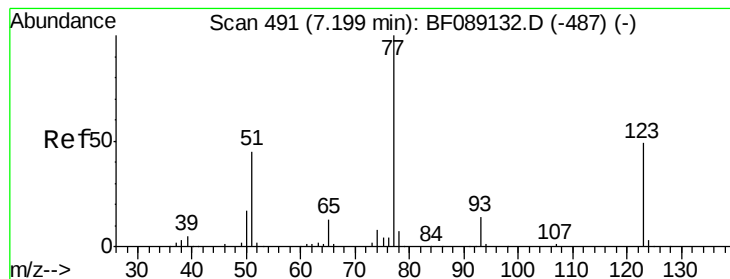
Tgt Ion: 105 Resp: 9762
Ion Ratio Lower Upper
105 100
71 7.2 3.8 5.6#
51 28.9 19.6 29.4
120 21.3 15.5 23.3



#23
Nitrobenzene-d5
Concen: 67.25 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 82 Resp: 337967
Ion Ratio Lower Upper
82 100
128 39.8 33.0 49.6
54 50.0 39.0 58.4





#24

Nitrobenzene

Concen: 1.57 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

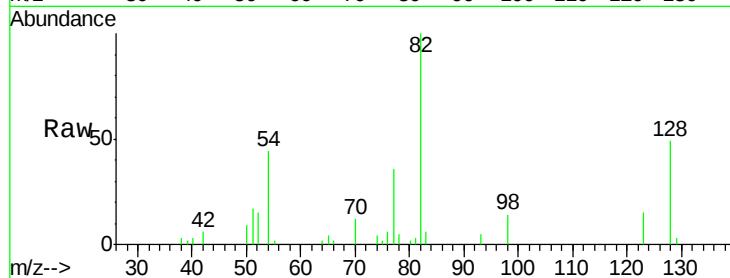
Tgt Ion: 77 Resp: 8309

Ion Ratio Lower Upper

77 100

123 42.6 38.9 58.3

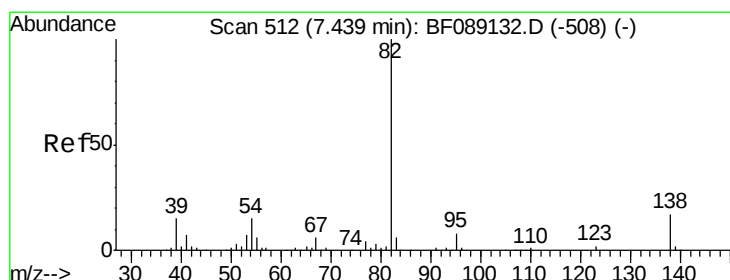
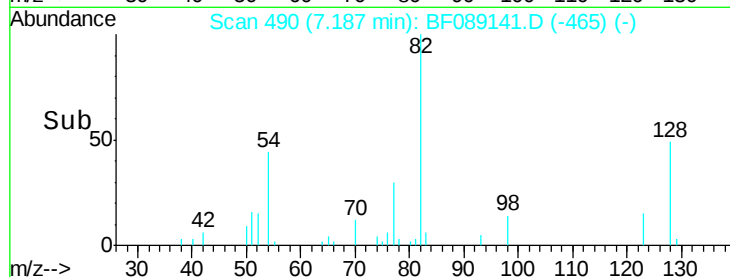
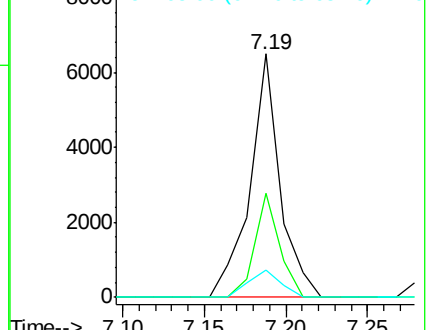
65 11.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 1.36 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

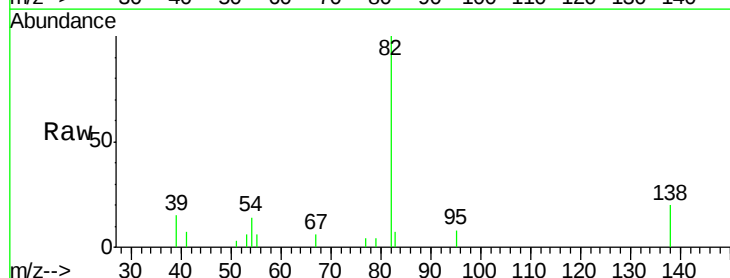
Tgt Ion: 82 Resp: 12587

Ion Ratio Lower Upper

82 100

95 8.4 6.1 9.1

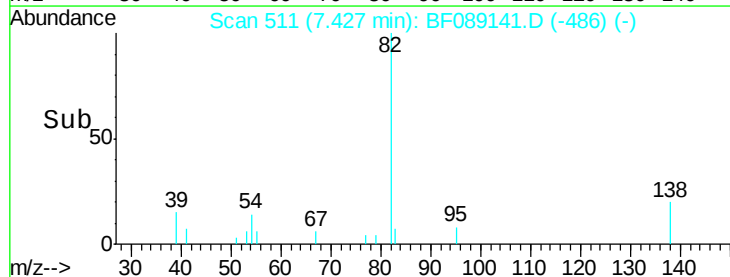
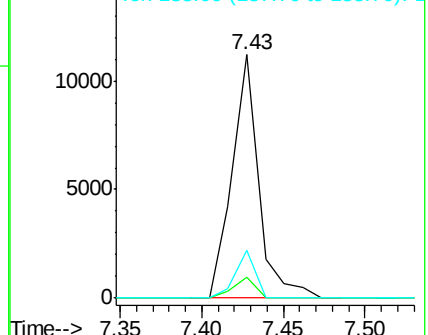
138 19.8 13.6 20.4

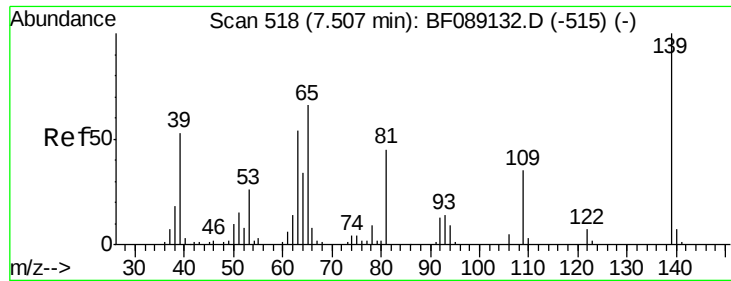


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

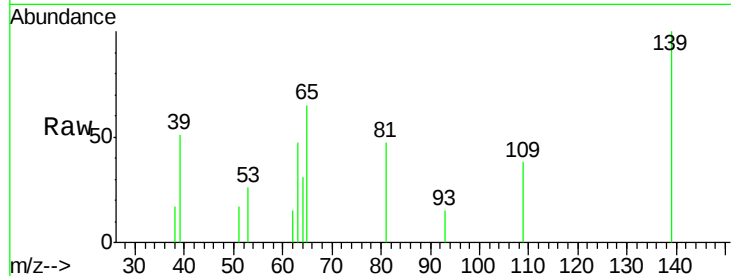




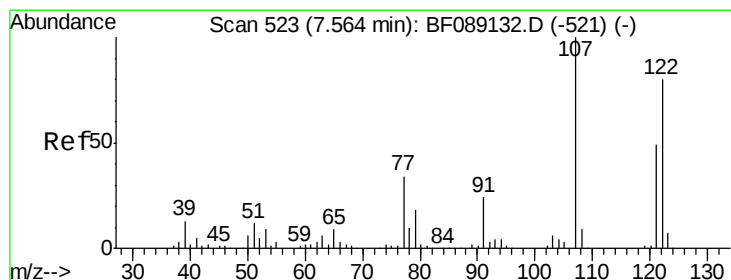
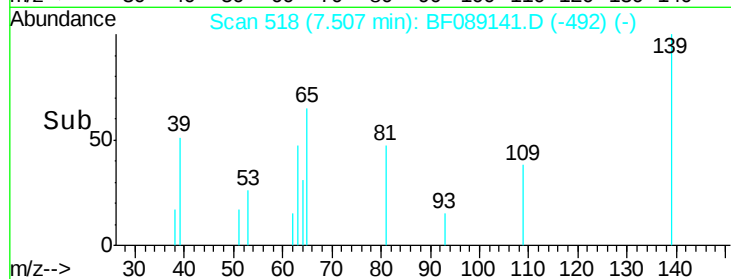
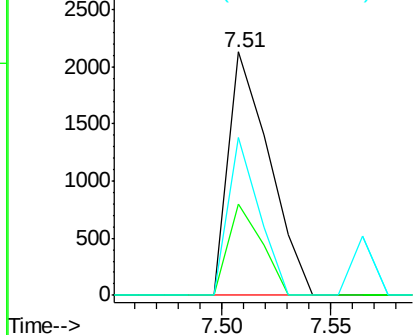
#26
 2-Nitrophenol
 Concen: 1.13 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:139 Resp: 2788
 Ion Ratio Lower Upper
 139 100
 109 37.5 28.1 42.1
 65 64.9 52.7 79.1

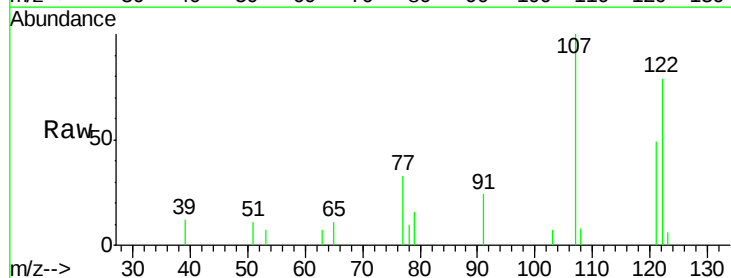


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

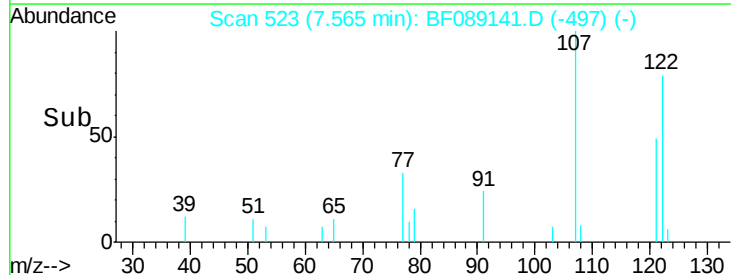
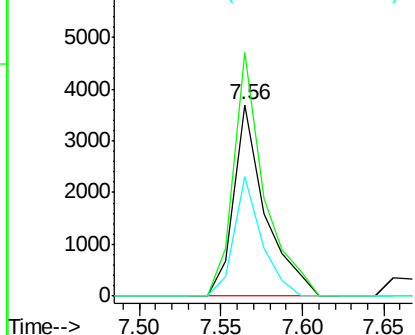


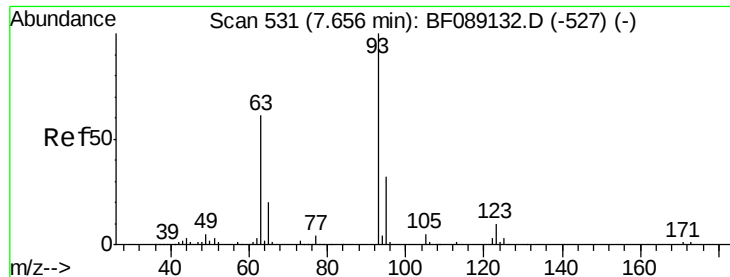
#27
 2,4-Dimethylphenol
 Concen: 1.18 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:122 Resp: 4935
 Ion Ratio Lower Upper
 122 100
 107 127.1 99.7 149.5
 121 62.1 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

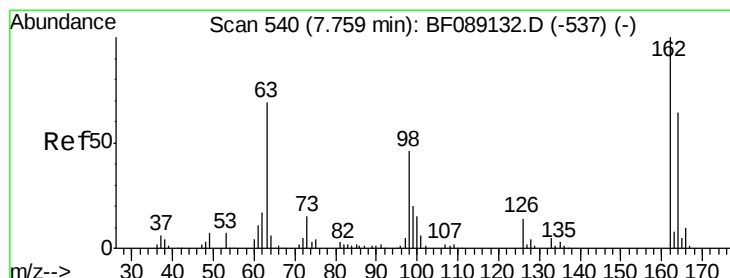
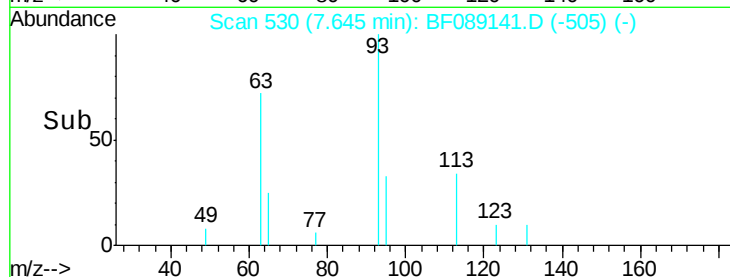
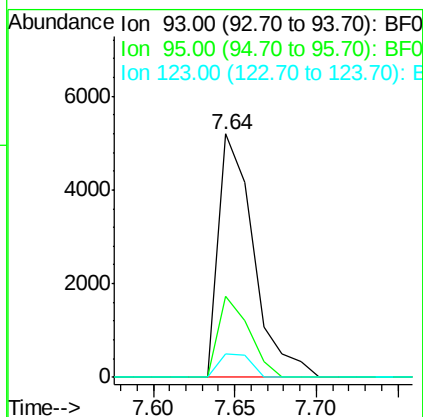
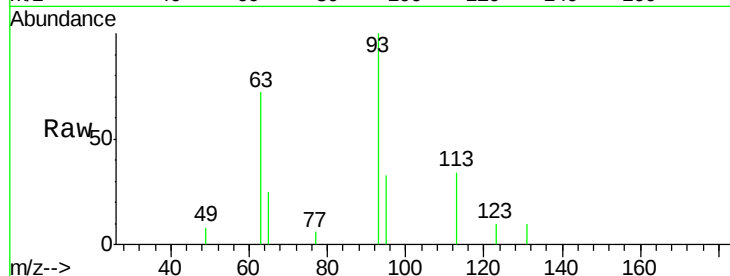




#28
bis(2-Chloroethoxy)methane
Concen: 1.33 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

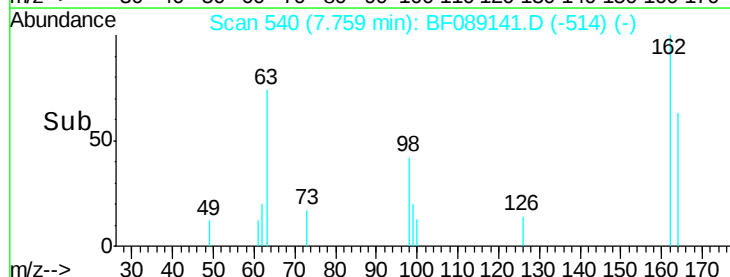
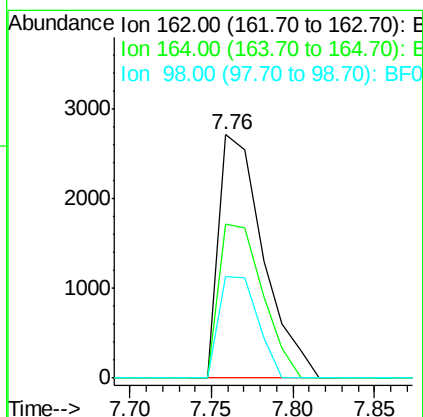
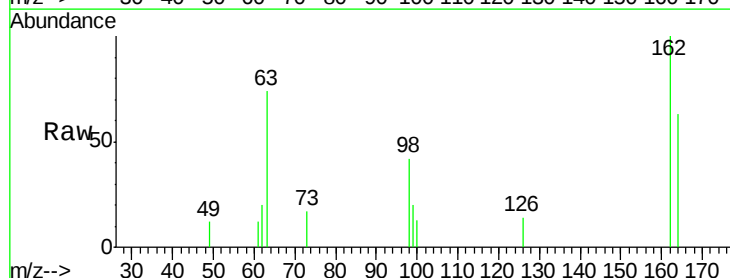
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

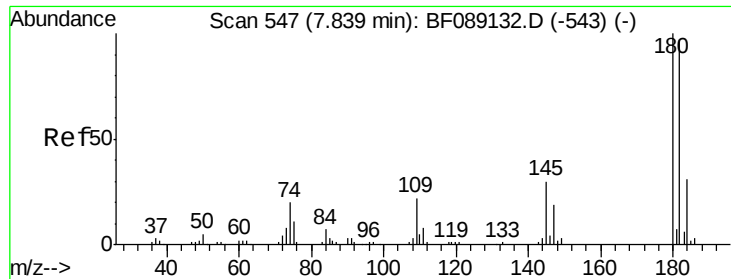
Tgt Ion: 93 Resp: 7724
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.0
123 9.8 8.3 12.5



#29
2,4-Dichlorophenol
Concen: 1.36 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 162 Resp: 5110
Ion Ratio Lower Upper
162 100
164 63.5 44.0 84.0
98 42.0 26.0 66.0

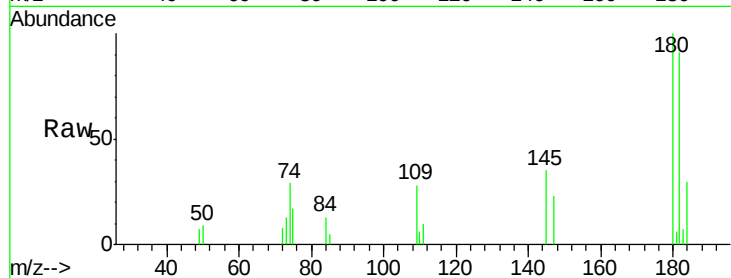




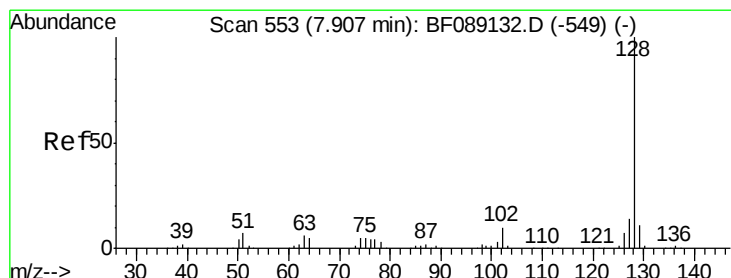
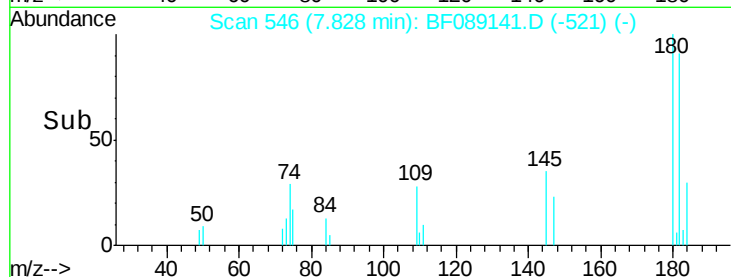
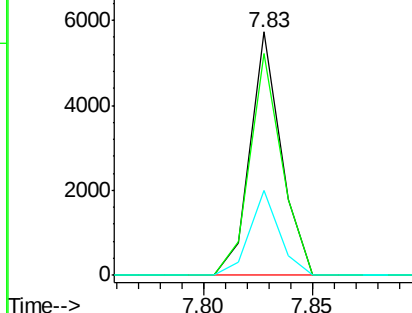
#30
 1,2,4-Trichlorobenzene
 Concen: 1.37 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:180 Resp: 5684
 Ion Ratio Lower Upper
 180 100
 182 91.2 77.6 116.4
 145 35.0 24.0 36.0

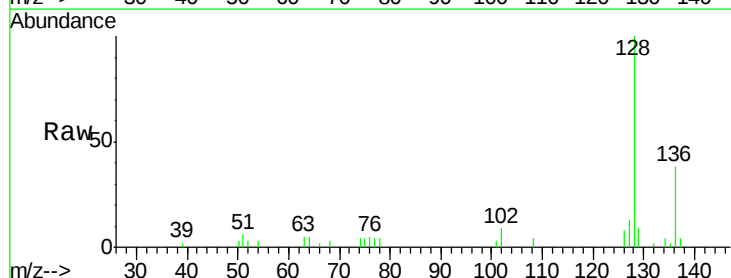


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

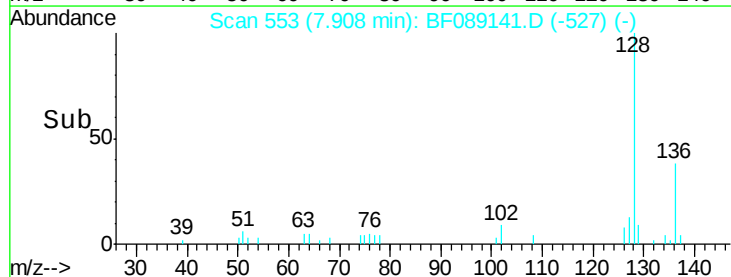
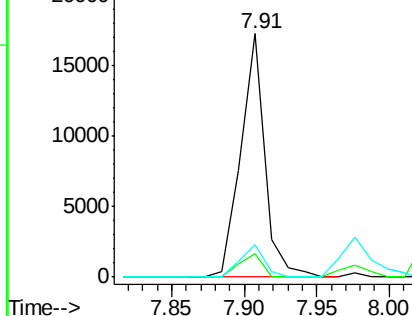


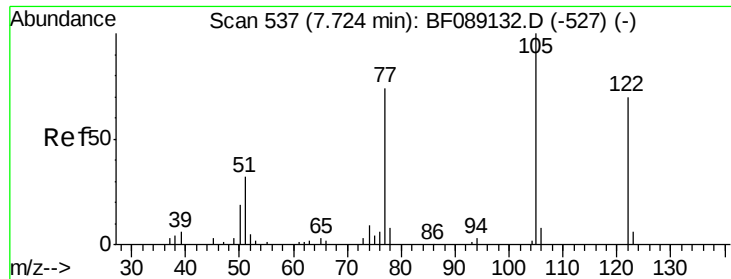
#31
 Naphthalene
 Concen: 1.37 ng
 RT: 7.91 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:128 Resp: 19790
 Ion Ratio Lower Upper
 128 100
 129 9.4 8.9 13.3
 127 13.3 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

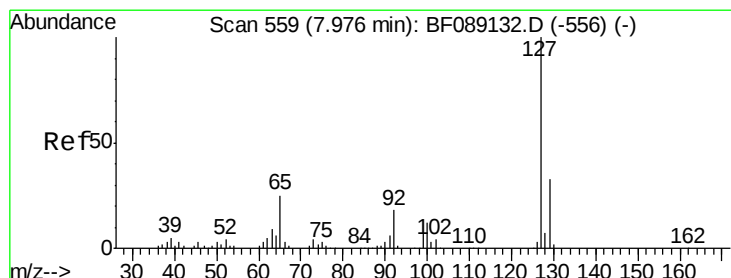
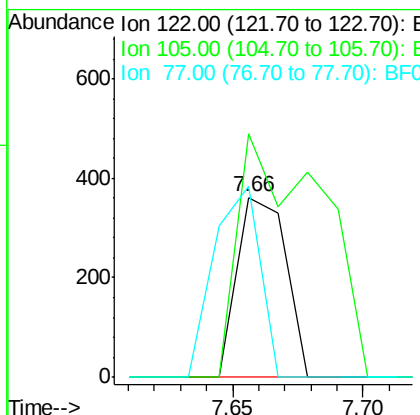
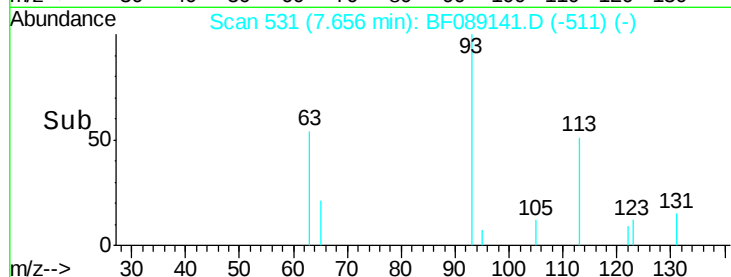
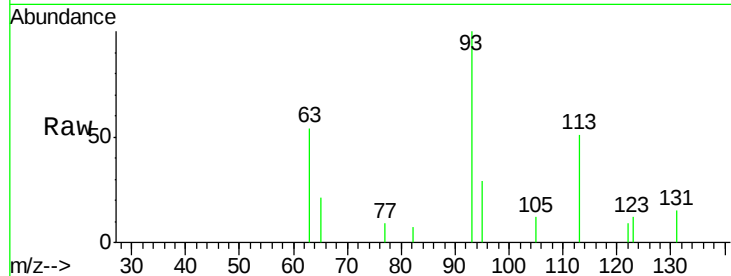




#32
Benzoic acid
Concen: 0.15 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

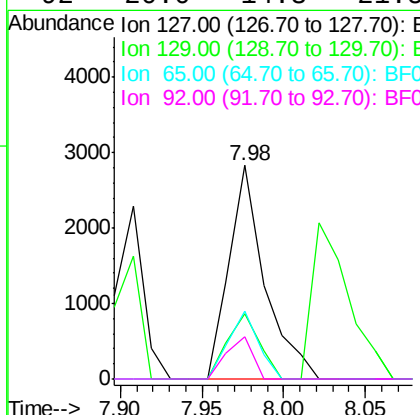
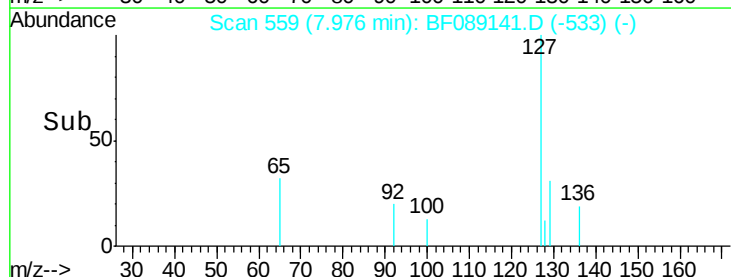
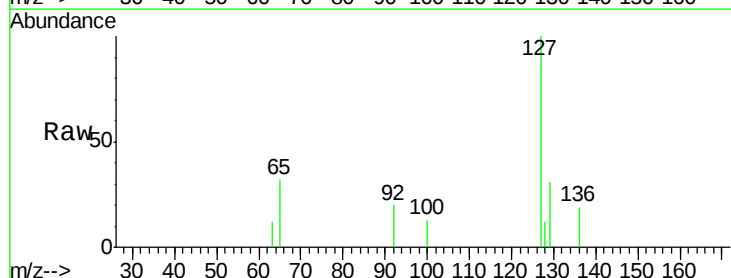
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

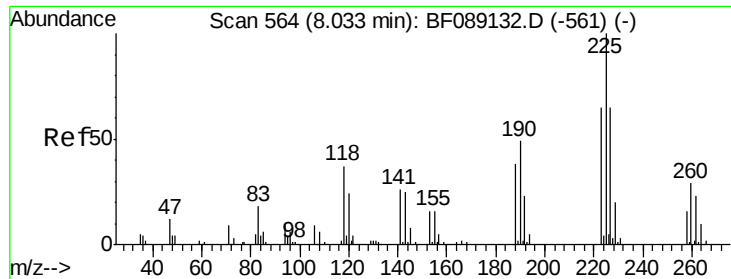
Tgt Ion:122 Resp: 473
Ion Ratio Lower Upper
122 100
105 135.5 119.0 159.0
77 106.6 84.7 124.7



#33
4-Chloroaniline
Concen: 0.71 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:127 Resp: 4277
Ion Ratio Lower Upper
127 100
129 30.6 25.9 38.9
65 31.7 19.7 29.5#
92 20.0 14.3 21.5





#34

Hexachlorobutadiene

Concen: 1.23 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

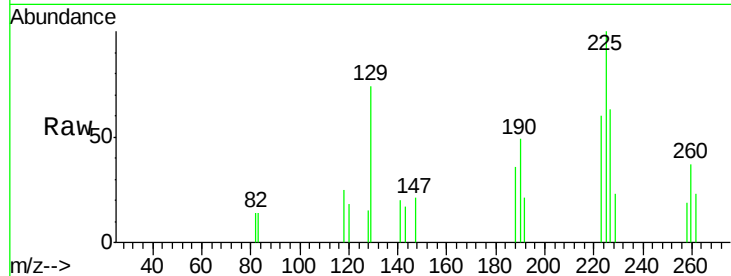
Tgt Ion:225 Resp: 2848

Ion Ratio Lower Upper

225 100

223 59.5 51.6 77.4

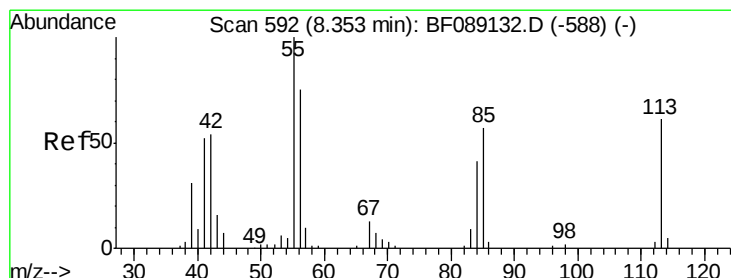
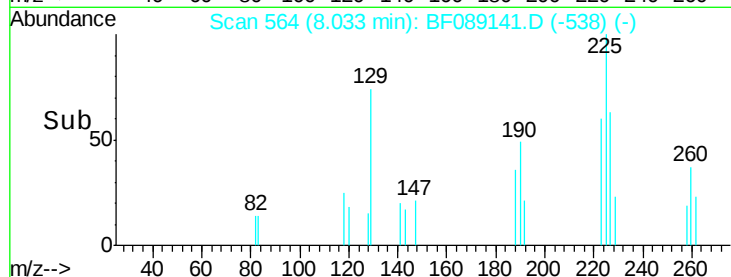
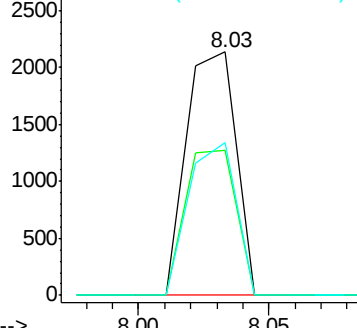
227 62.6 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.86 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.06 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

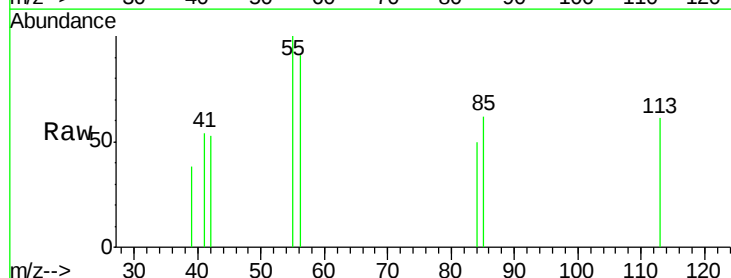
Tgt Ion:113 Resp: 1001

Ion Ratio Lower Upper

113 100

55 162.9 145.3 185.3

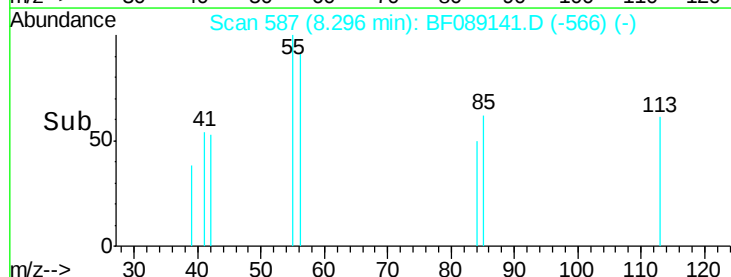
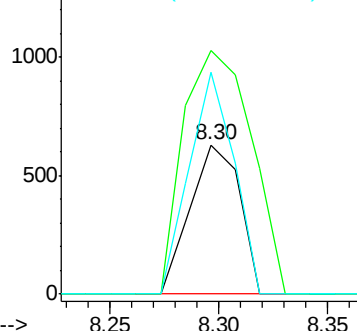
56 148.2 104.3 144.3#

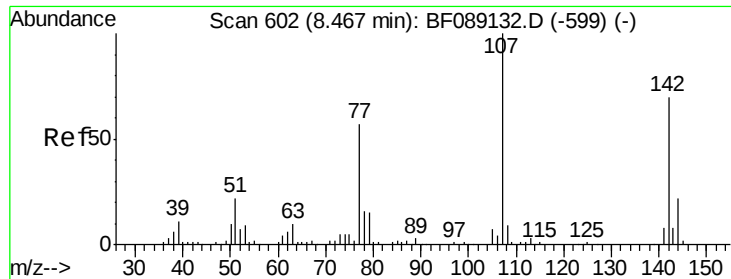


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

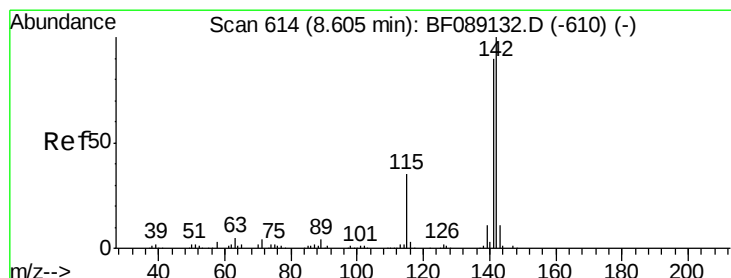
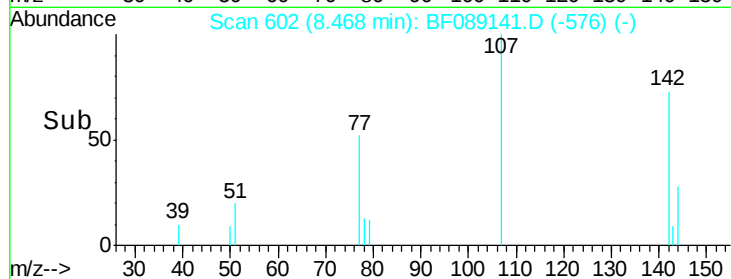
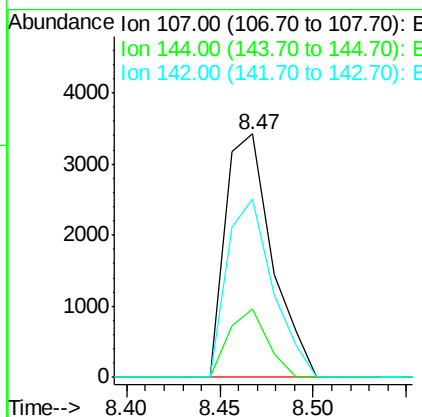
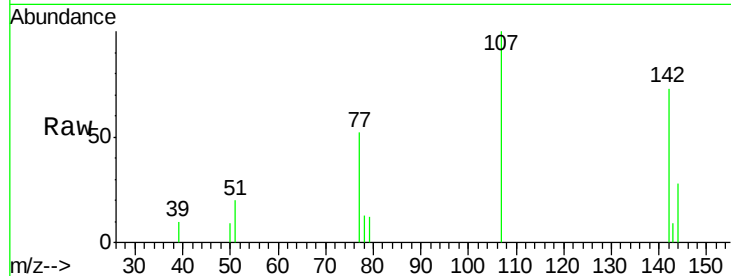




#36
 4-Chloro-3-methylphenol
 Concen: 1.32 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

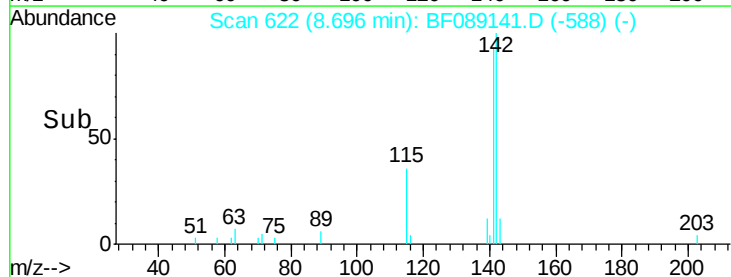
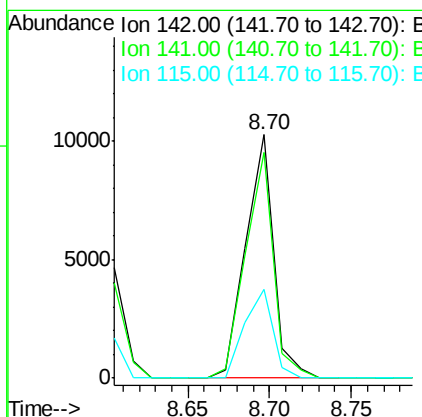
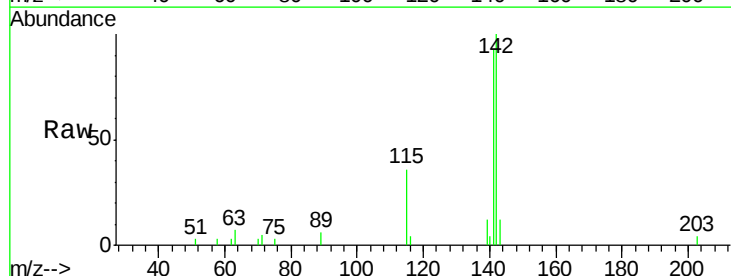
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

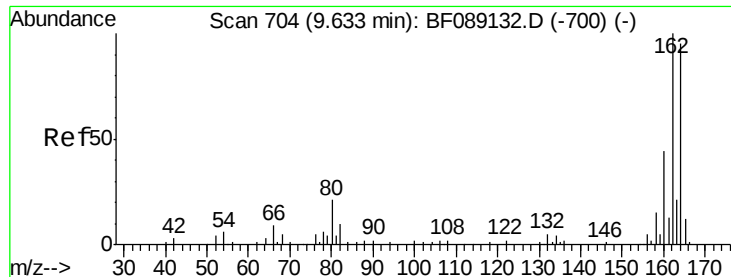
Tgt Ion:107 Resp: 5960
 Ion Ratio Lower Upper
 107 100
 144 28.1 17.8 26.6#
 142 73.1 56.1 84.1



#37
 2-Methylnaphthalene
 Concen: 1.33 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.09 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:142 Resp: 12185
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.6 107.4
 115 36.5 27.6 41.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

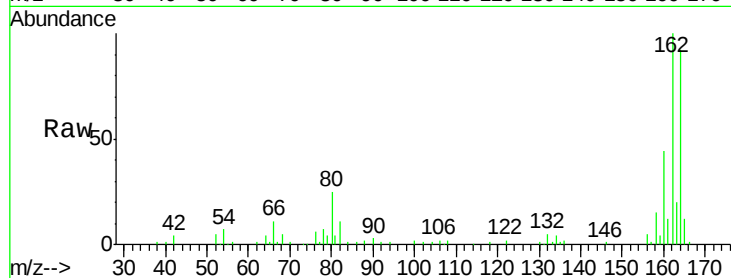
Tgt Ion:164 Resp: 125929

Ion Ratio Lower Upper

164 100

162 108.6 84.1 126.1

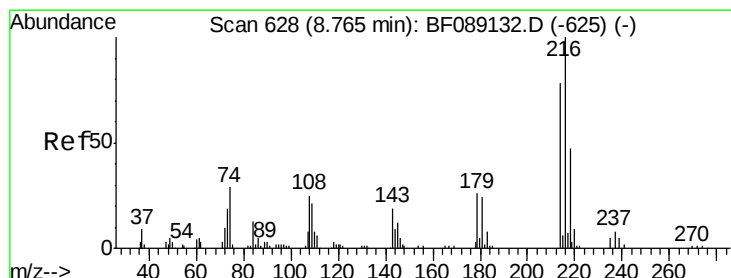
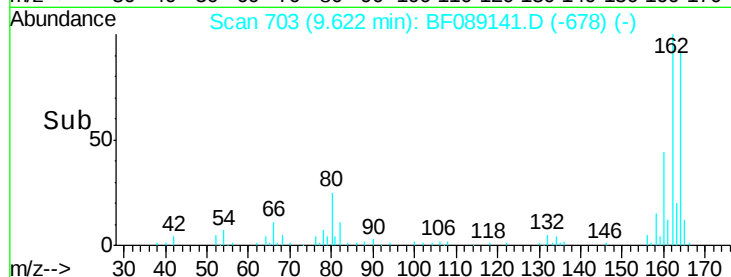
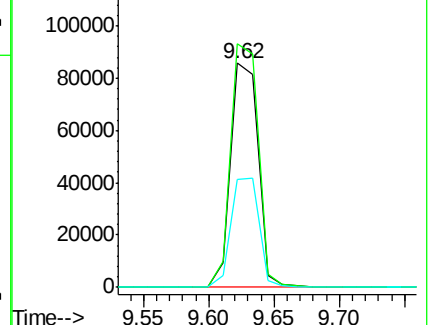
160 47.9 37.1 55.7



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: 1.18 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Tgt Ion:216 Resp: 5529

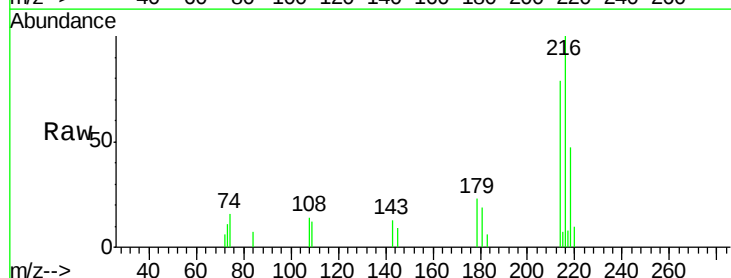
Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

179 22.0 18.4 27.6

108 17.3 17.0 25.6

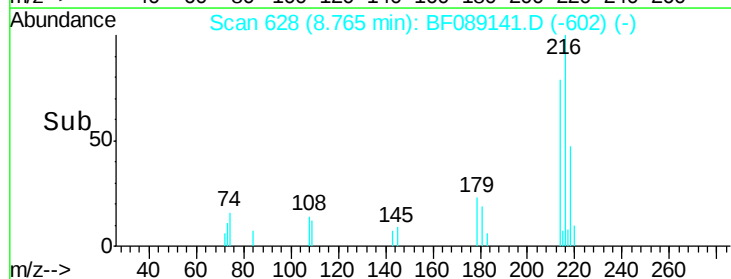
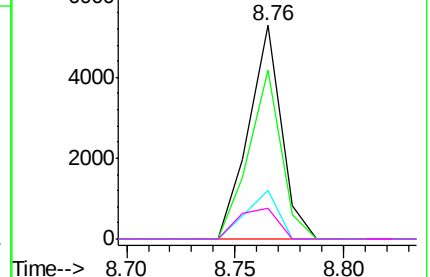


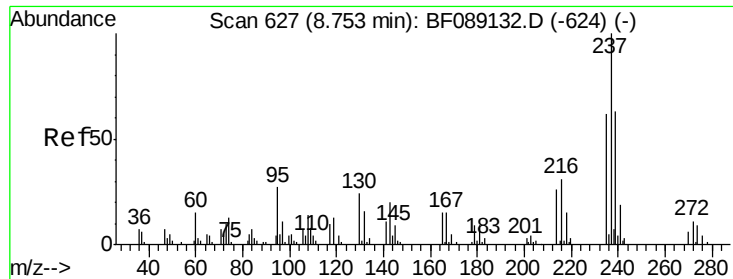
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

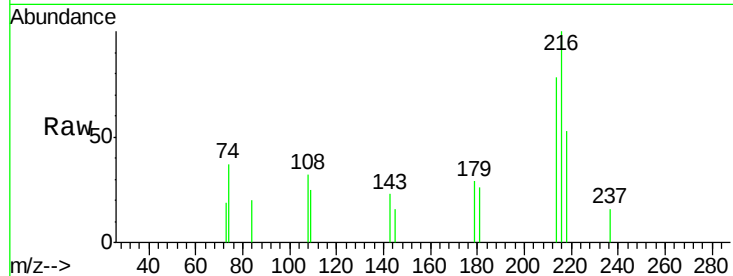




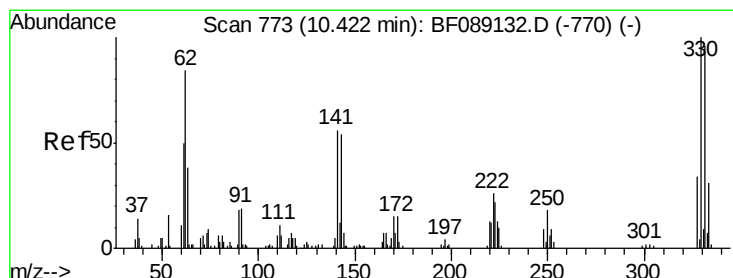
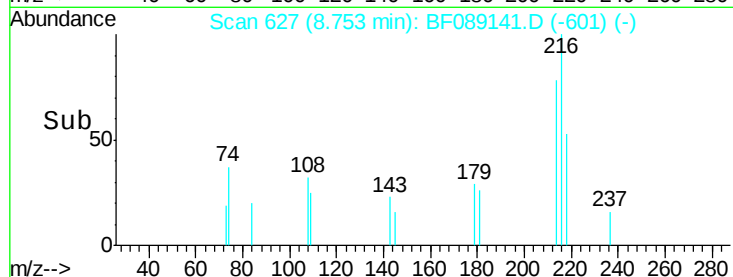
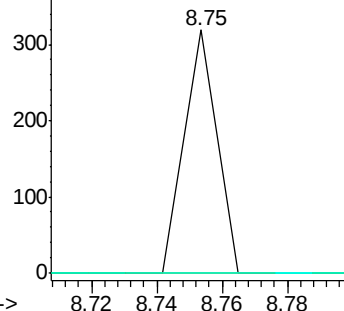
#40
Hexachlorocyclopentadiene
Concen: 8.58 ng
RT: 8.75 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 237 Resp: 219
Ion Ratio Lower Upper
237 100
235 0.0 42.1 82.1#
272 0.0 0.0 31.4

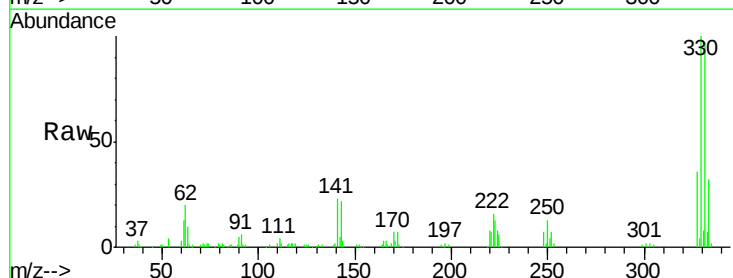


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

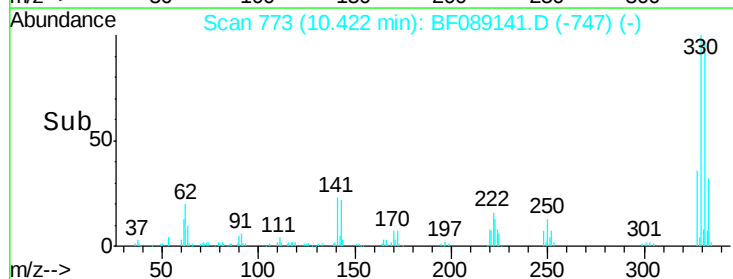
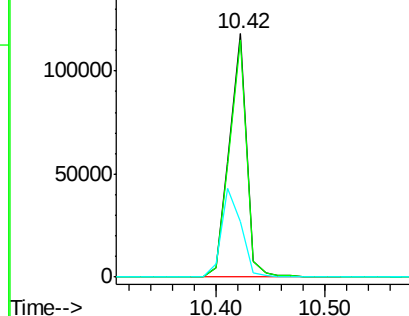


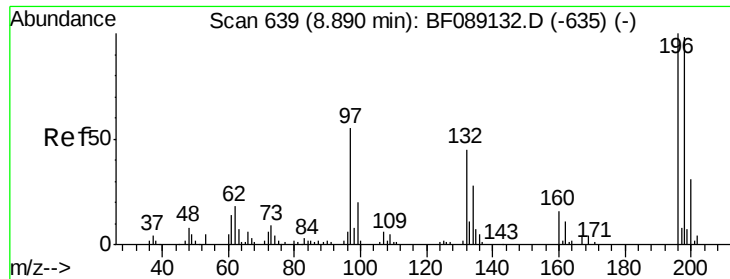
#41
2,4,6-Tribromophenol
Concen: 115.82 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 330 Resp: 131317
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 41.9 42.2 63.2#



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

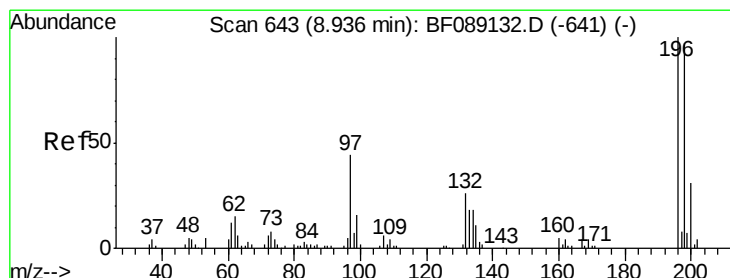
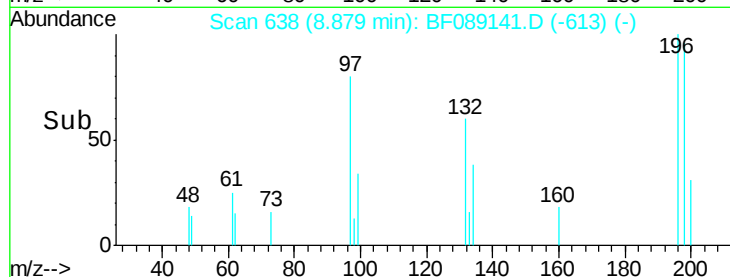
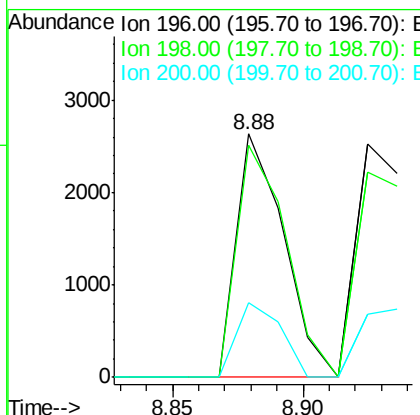
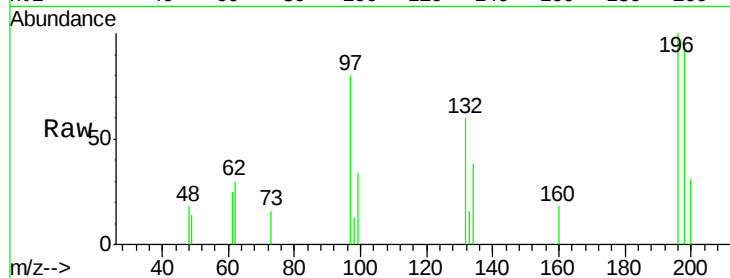




#42
 2,4,6-Trichlorophenol
 Concen: 1.28 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

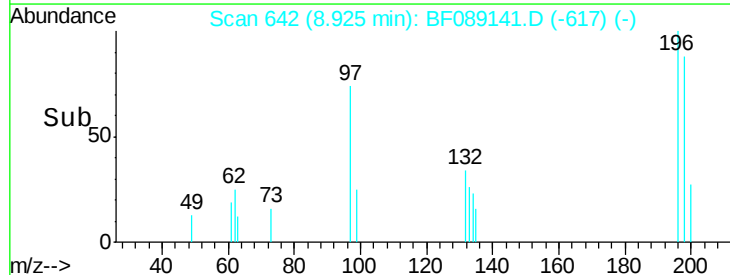
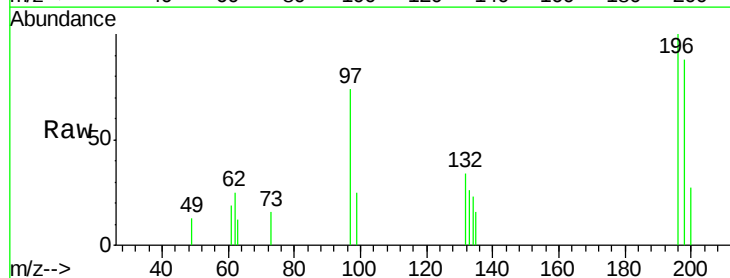
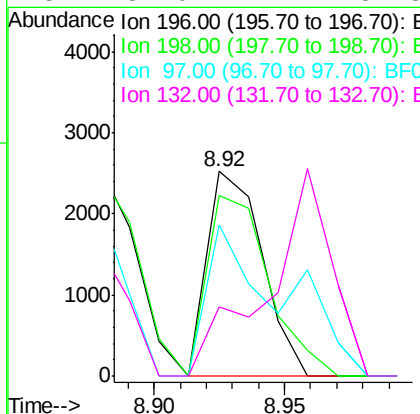
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

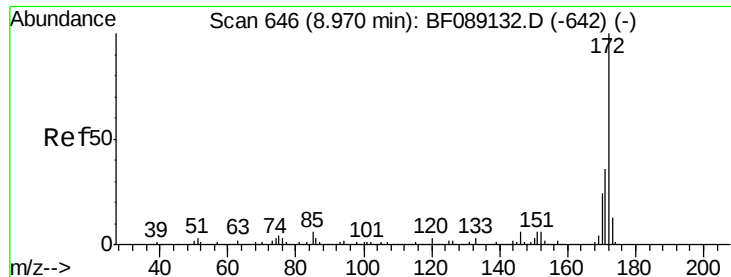
Tgt Ion:196 Resp: 3360
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.3 117.5
 200 30.9 25.0 37.4



#43
 2,4,5-Trichlorophenol
 Concen: 1.41 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:196 Resp: 3709
 Ion Ratio Lower Upper
 196 100
 198 88.3 77.6 116.4
 97 73.9 36.5 54.7#
 132 34.0 21.2 31.8#





#44

2-Fluorobiphenyl

Concen: 66.28 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

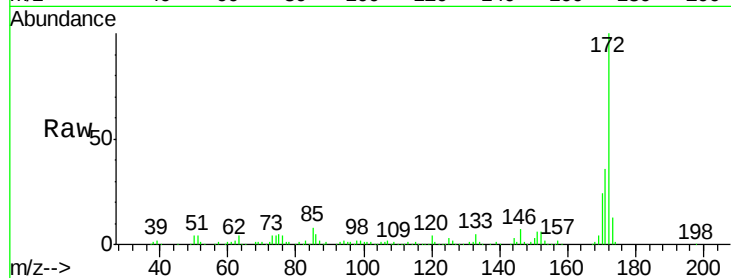
Tgt Ion:172 Resp: 605763

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

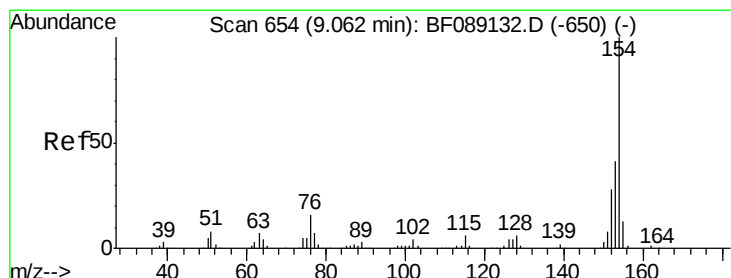
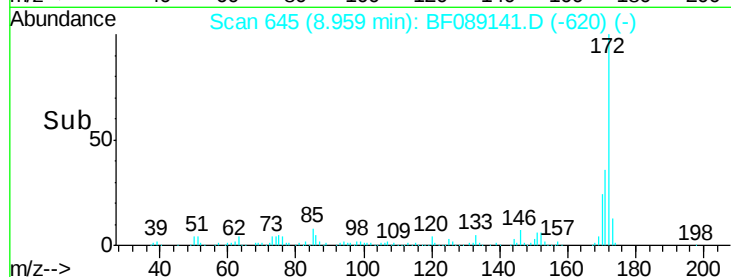
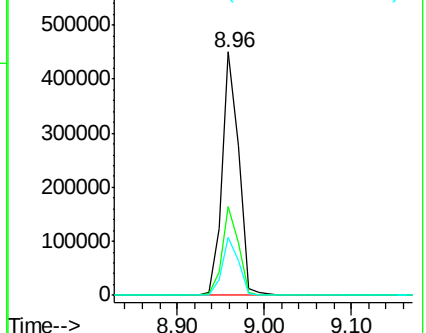
170 23.7 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 1.47 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

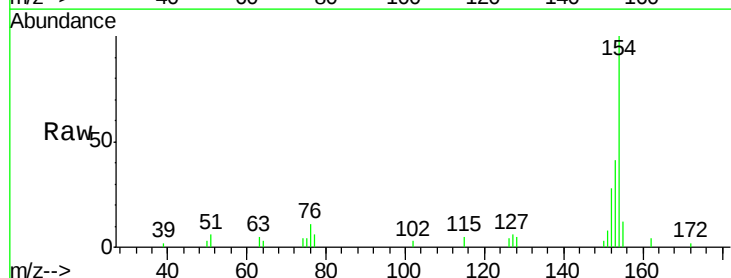
Tgt Ion:154 Resp: 16633

Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

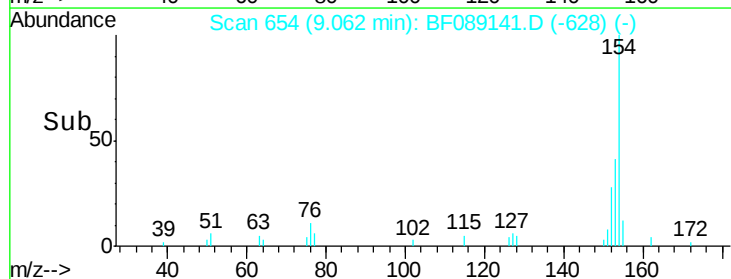
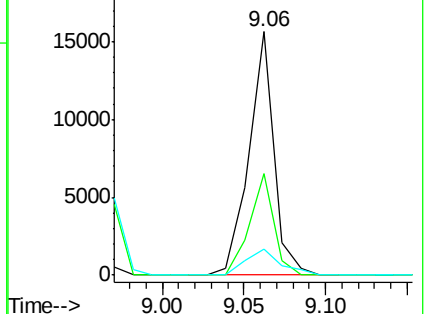
76 10.9 0.0 35.8

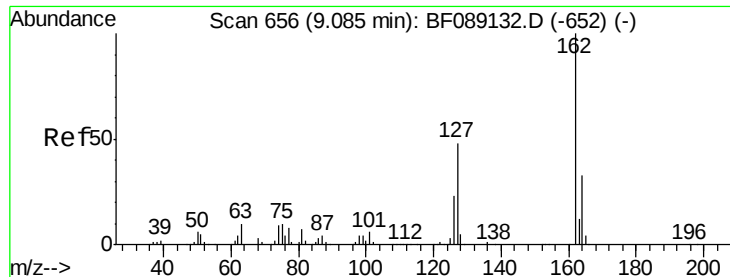


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

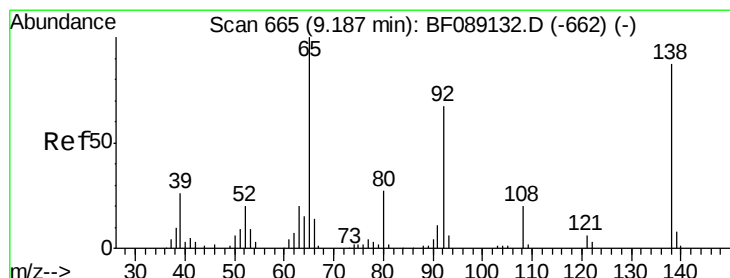
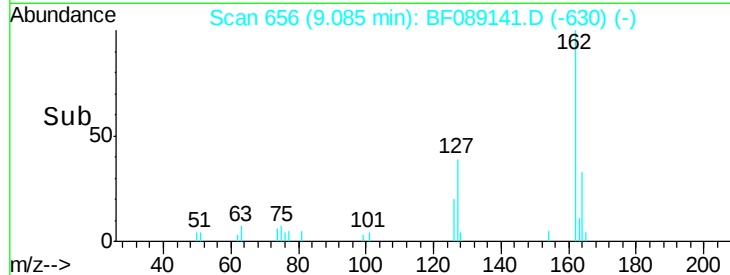
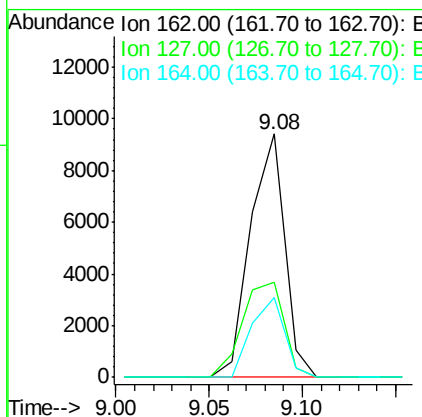
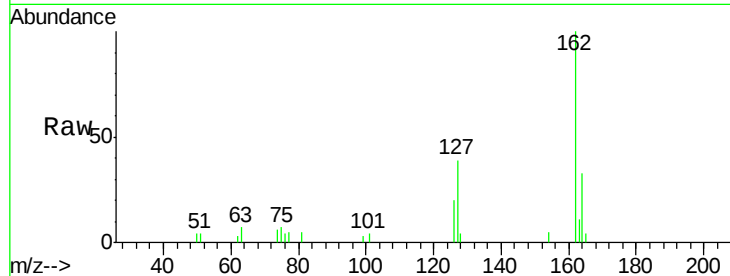




#46
 2-Chloronaphthalene
 Concen: 1.39 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

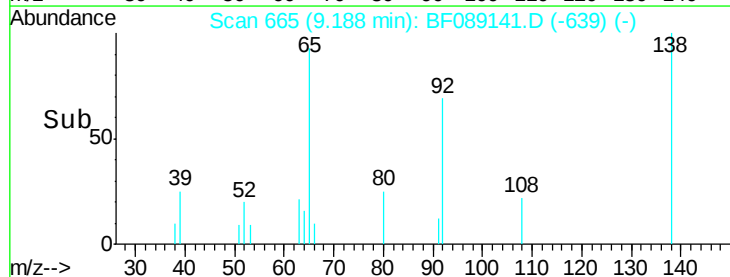
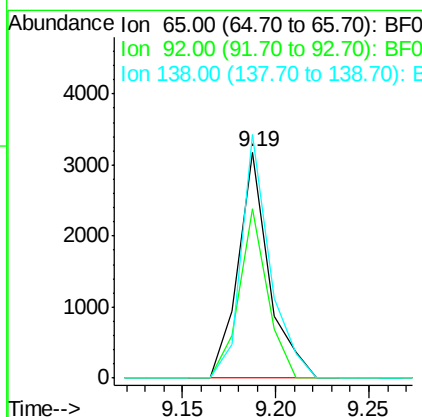
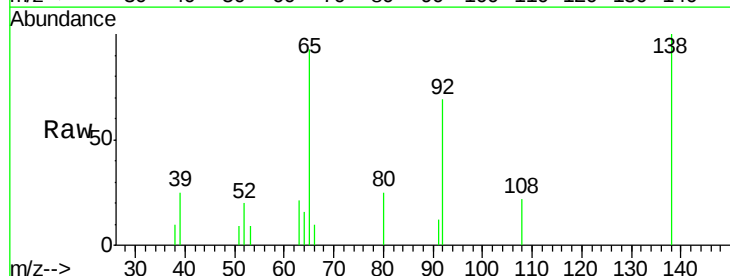
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

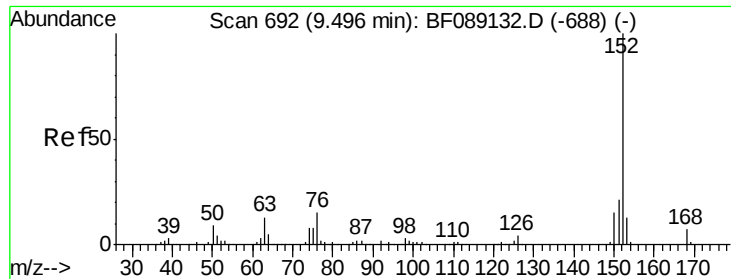
Tgt Ion: 162 Resp: 12006
 Ion Ratio Lower Upper
 162 100
 127 39.0 38.1 57.1
 164 32.7 26.1 39.1



#47
 2-Nitroaniline
 Concen: 1.25 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 65 Resp: 3688
 Ion Ratio Lower Upper
 65 100
 92 74.7 53.2 79.8
 138 107.7 69.4 104.2#





#48

Acenaphthylene

Concen: 1.43 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

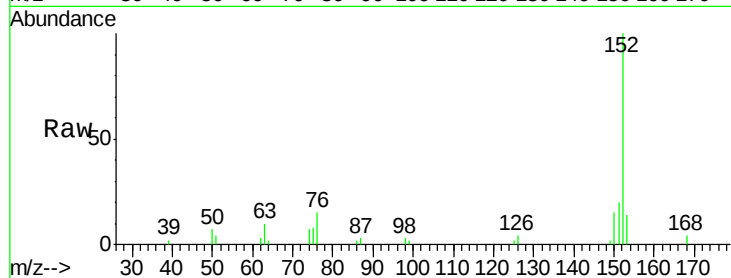
Tgt Ion:152 Resp: 19335

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7

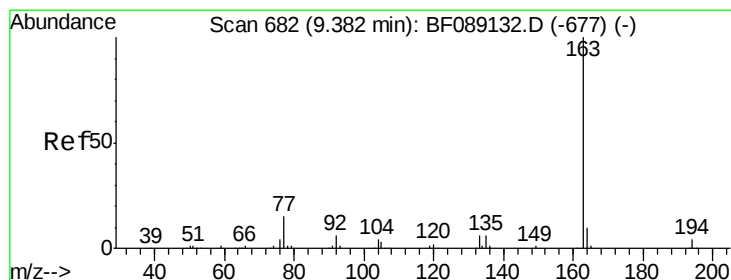
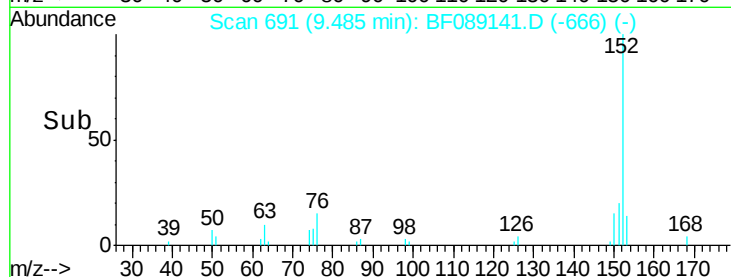
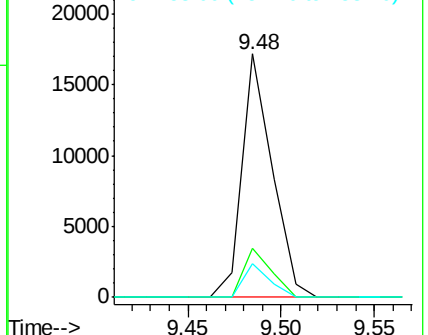
153 13.7 10.7 16.1



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: 1.60 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

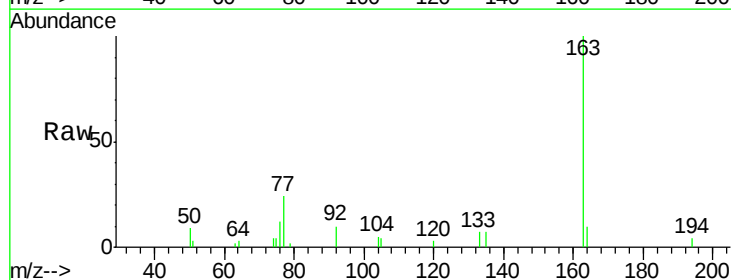
Tgt Ion:163 Resp: 15467

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

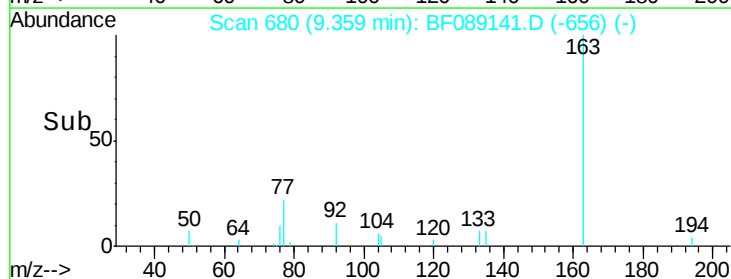
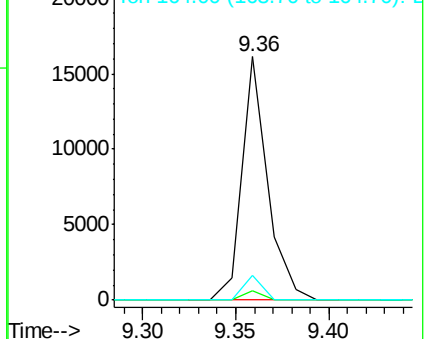
164 10.3 7.6 11.4

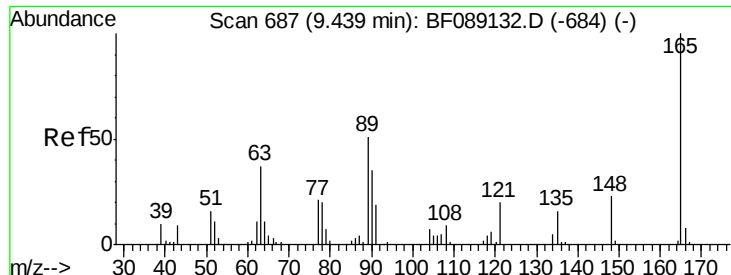


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

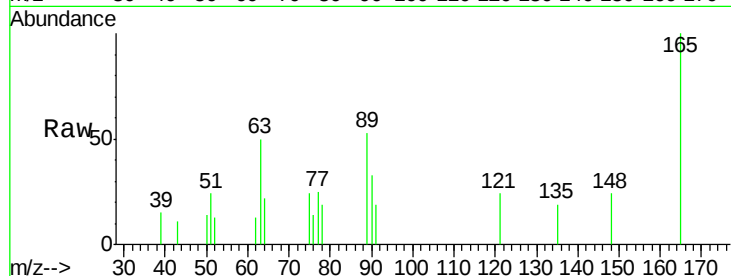




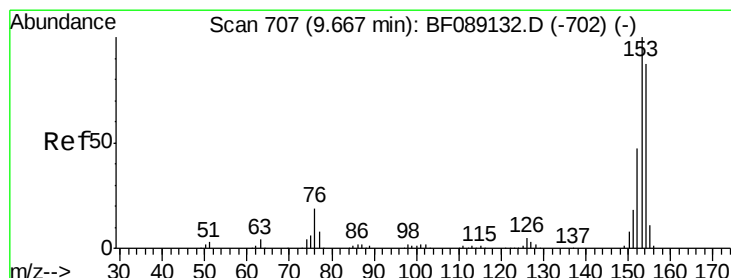
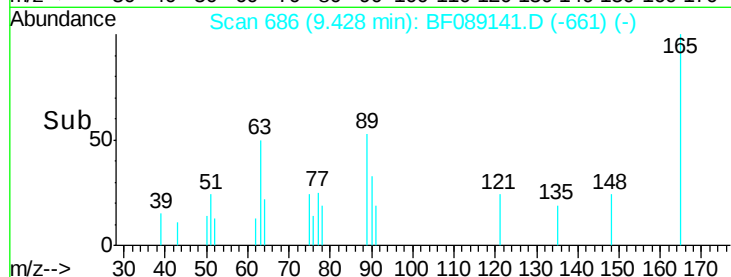
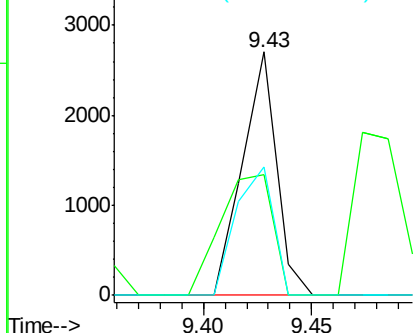
#50
2,6-Dinitrotoluene
Concen: 1.35 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:165 Resp: 2946
Ion Ratio Lower Upper
165 100
63 49.7 37.0 55.4
89 53.0 40.9 61.3

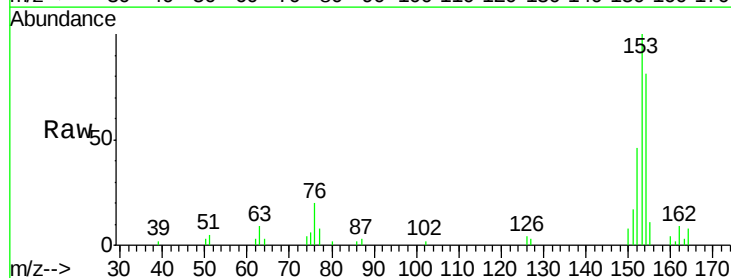


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

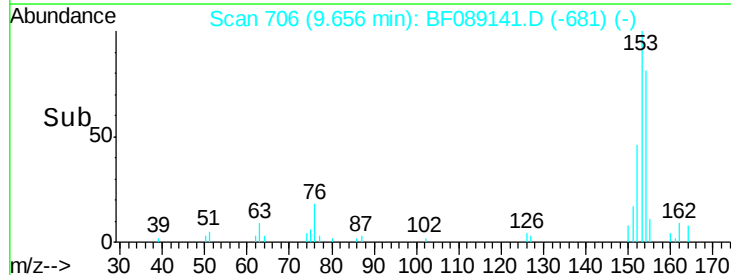
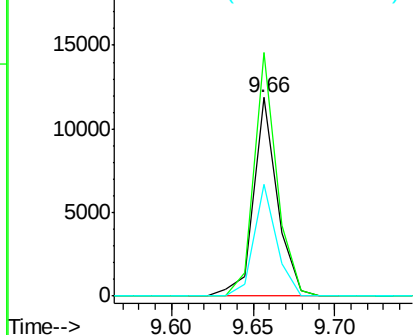


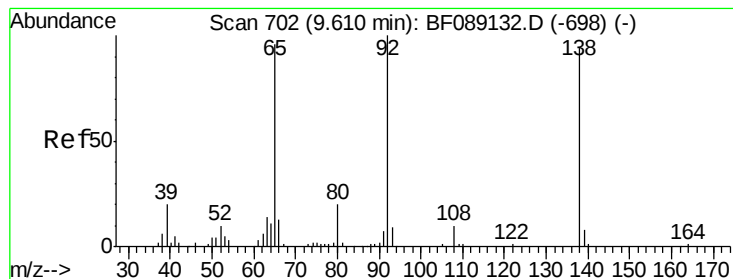
#51
Acenaphthene
Concen: 1.50 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:154 Resp: 12026
Ion Ratio Lower Upper
154 100
153 122.7 91.9 137.9
152 56.4 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: 1.16 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

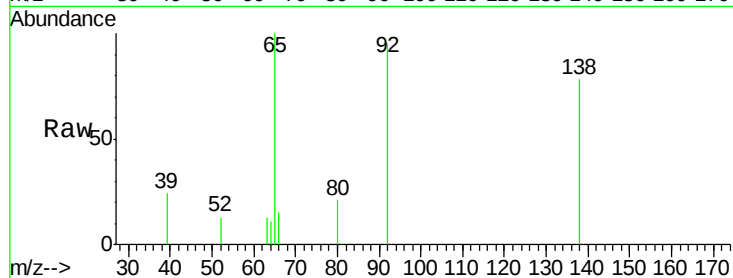
Tgt Ion:138 Resp: 3012

Ion Ratio Lower Upper

138 100

108 0.0 8.8 13.2#

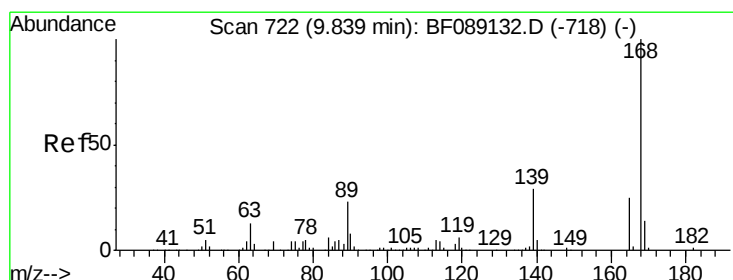
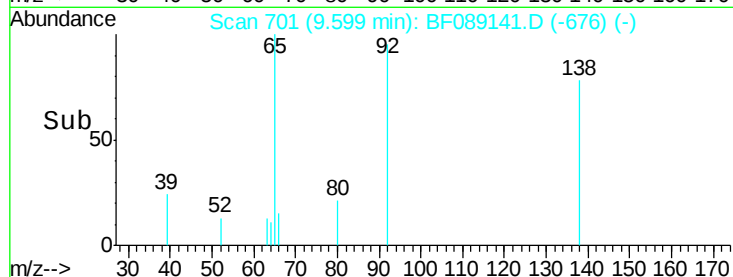
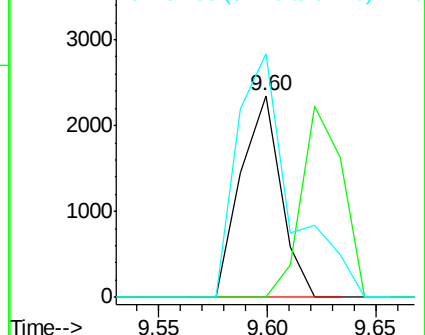
92 120.6 85.3 127.9



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



#54

Dibenzofuran

Concen: 1.66 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

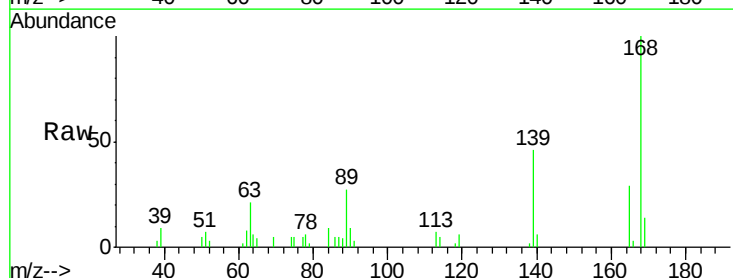
Tgt Ion:168 Resp: 17928

Ion Ratio Lower Upper

168 100

139 45.6 34.4 51.6

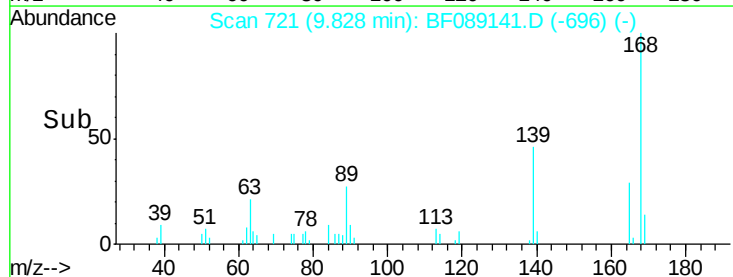
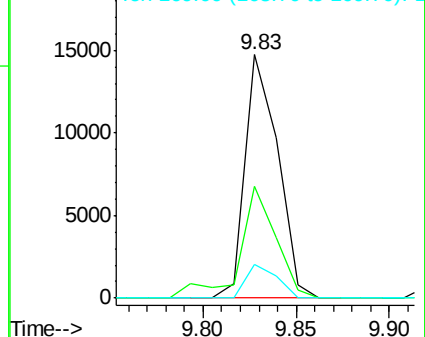
169 13.9 10.8 16.2

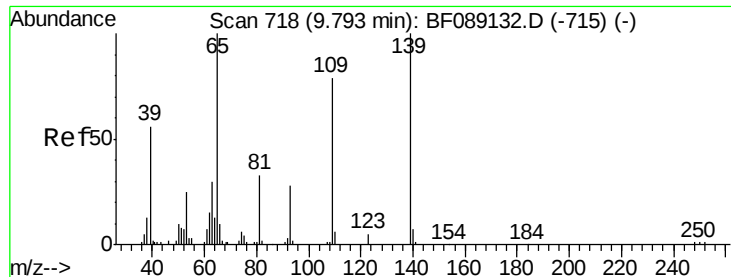


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

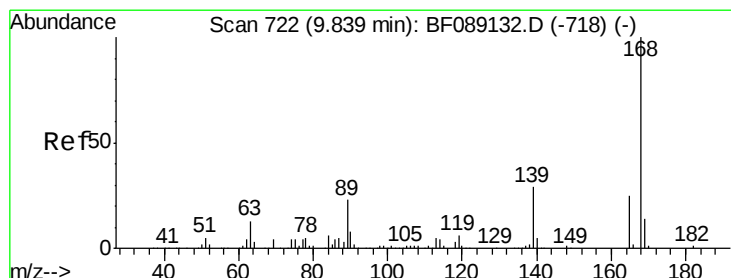
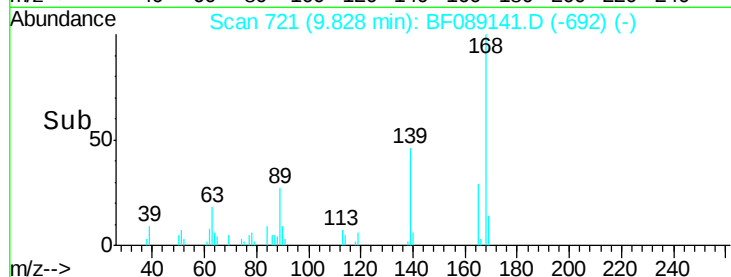
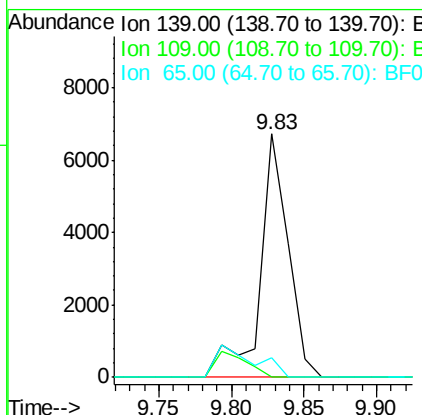
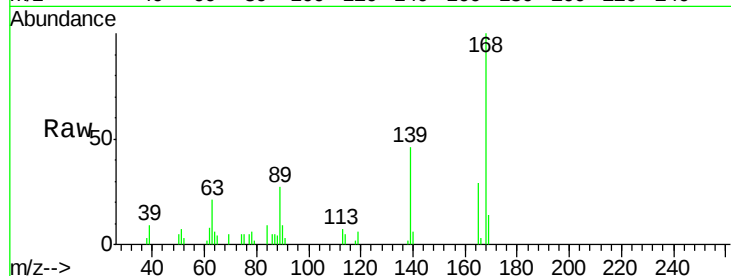




#55
4-Nitrophenol
Concen: 5.79 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.03 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

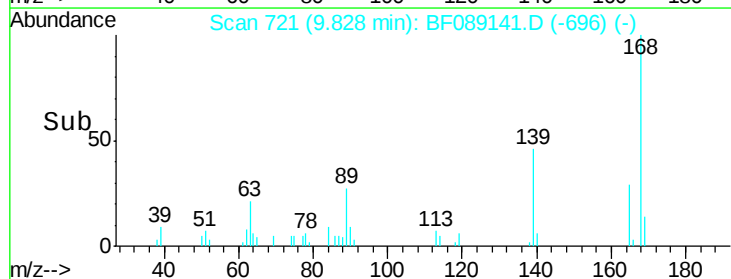
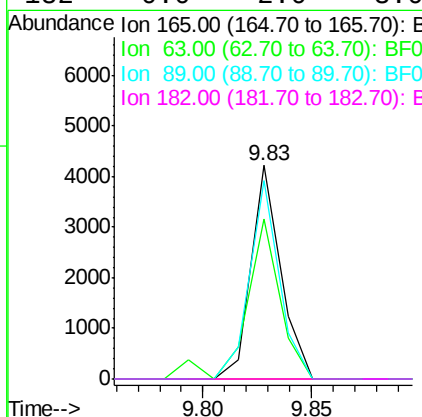
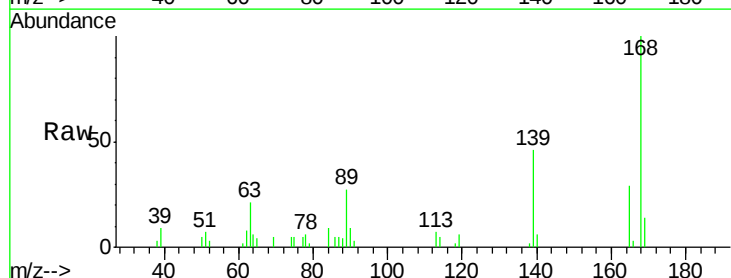
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

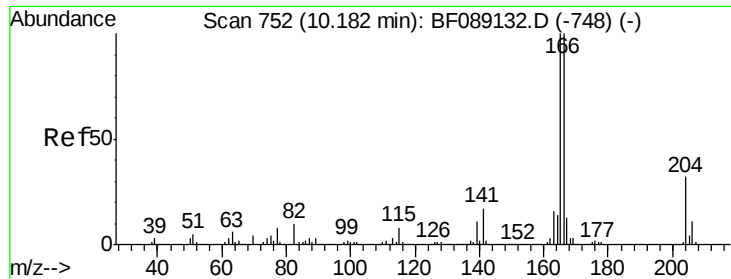
Tgt Ion:139 Resp: 9083
Ion Ratio Lower Upper
139 100
109 0.0 58.7 98.7#
65 8.2 80.2 120.2#



#56
2,4-Dinitrotoluene
Concen: 1.43 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:165 Resp: 4017
Ion Ratio Lower Upper
165 100
63 75.0 55.4 83.2
89 93.0 74.3 111.5
182 0.0 2.0 3.0#

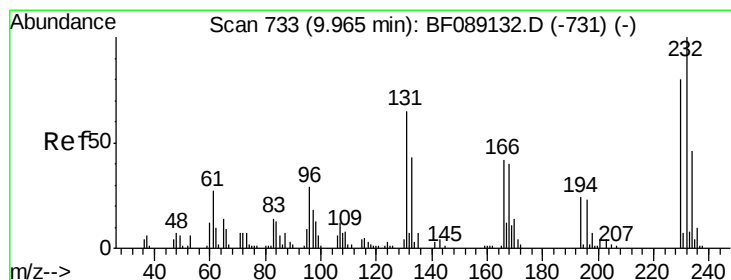
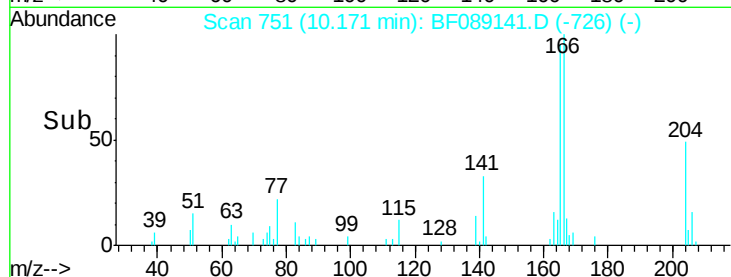
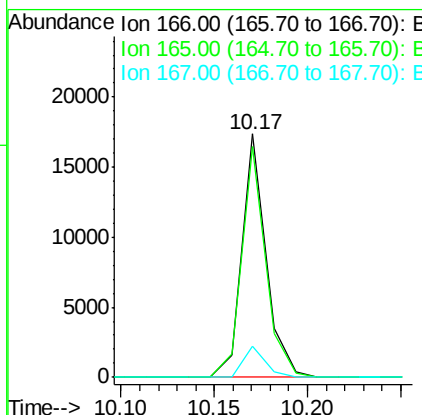
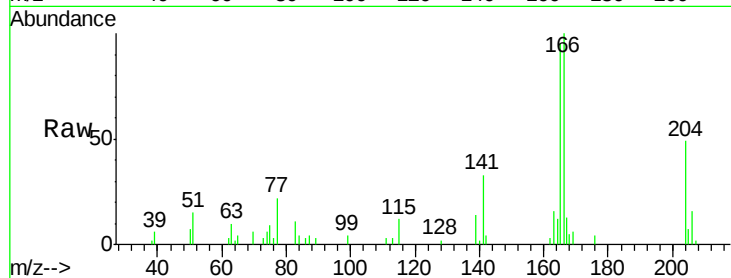




#57
Fluorene
 Concen: 1.70 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

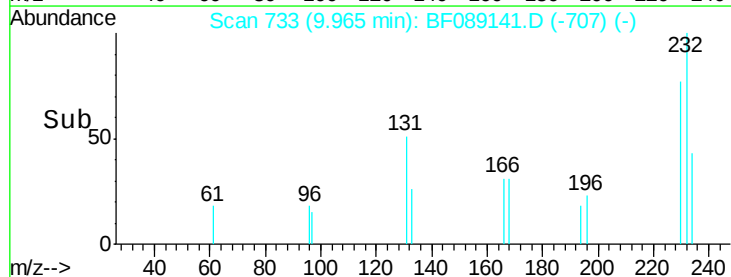
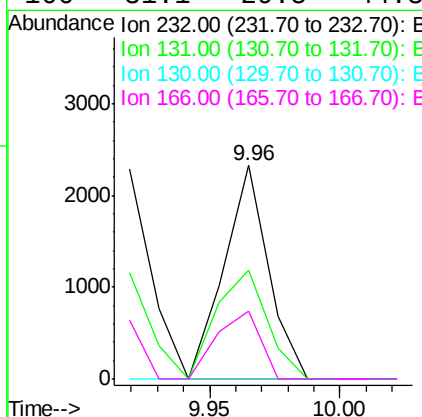
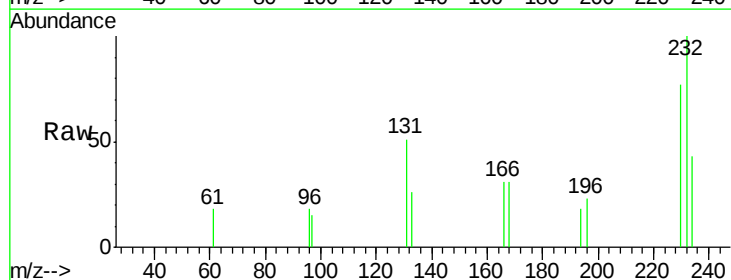
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

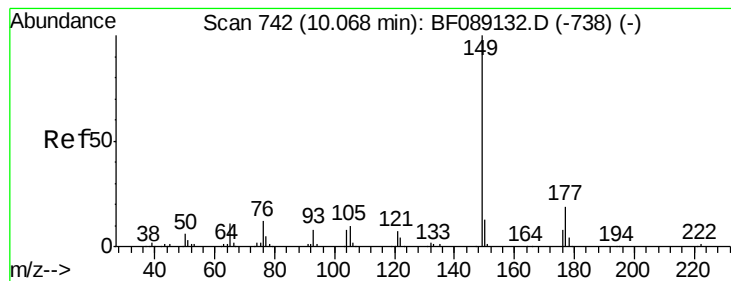
Tgt Ion:166 Resp: 15625
 Ion Ratio Lower Upper
 166 100
 165 94.7 79.9 119.9
 167 13.0 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 1.46 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:232 Resp: 2764
 Ion Ratio Lower Upper
 232 100
 131 58.2 46.2 69.2
 130 0.0 2.3 3.5#
 166 31.1 29.5 44.3





#59

Diethylphthalate

Concen: 1.64 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

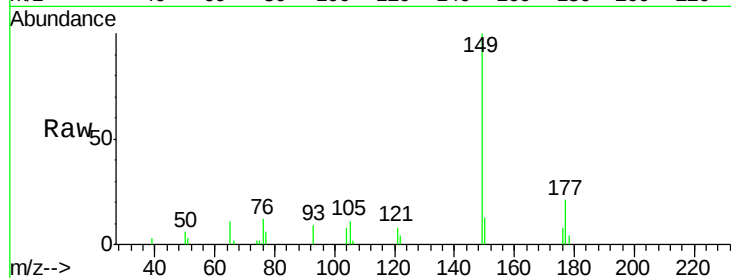
Tgt Ion:149 Resp: 15669

Ion Ratio Lower Upper

149 100

177 20.6 15.6 23.4

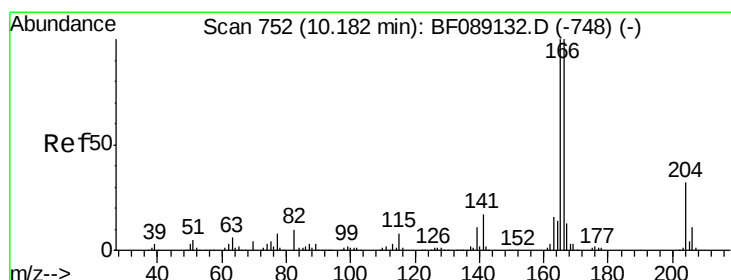
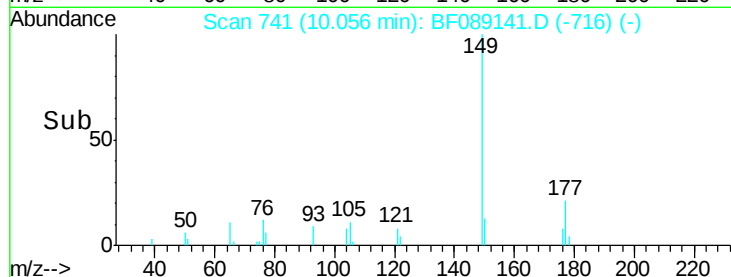
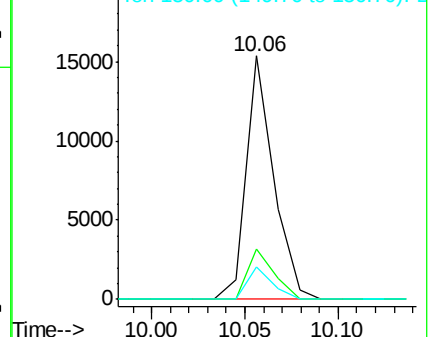
150 13.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 1.71 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

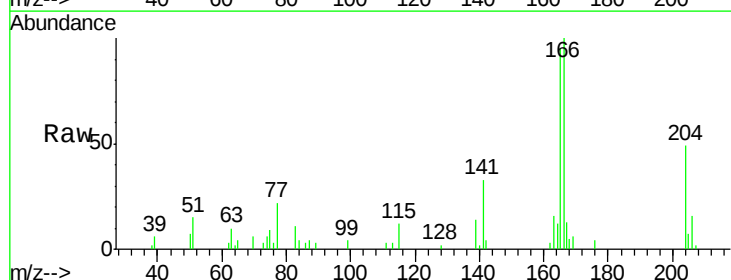
Tgt Ion:204 Resp: 7182

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

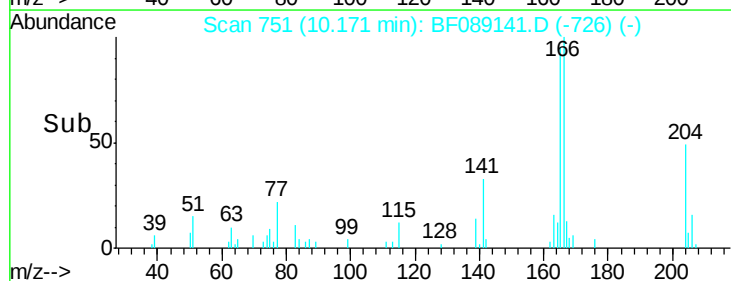
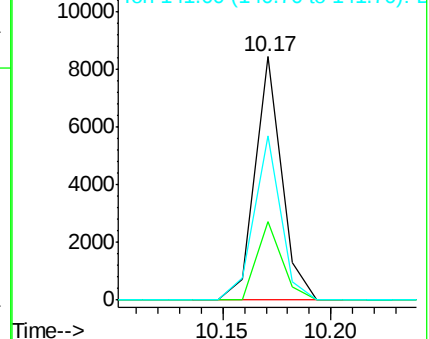
141 67.7 42.2 63.4#

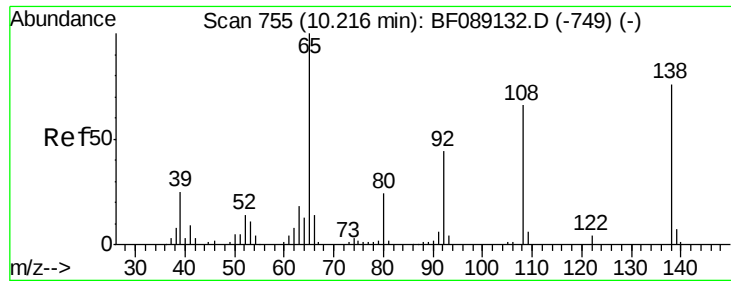


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

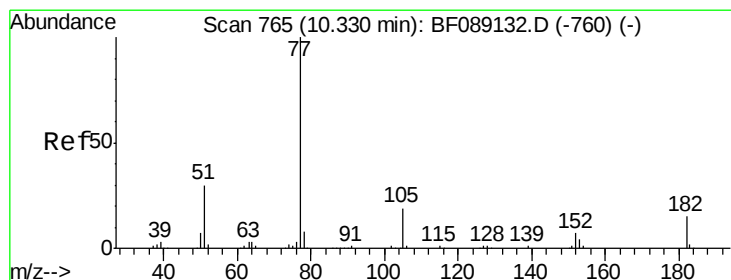
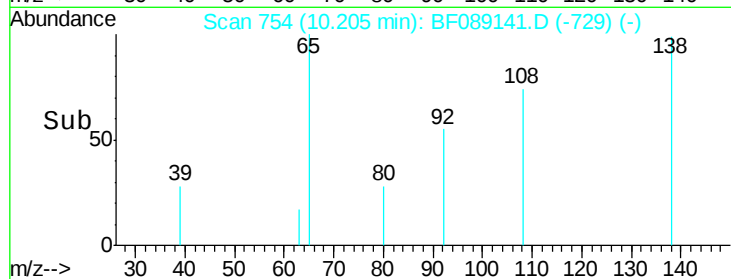
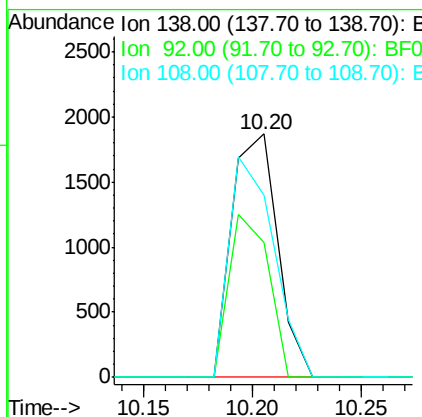
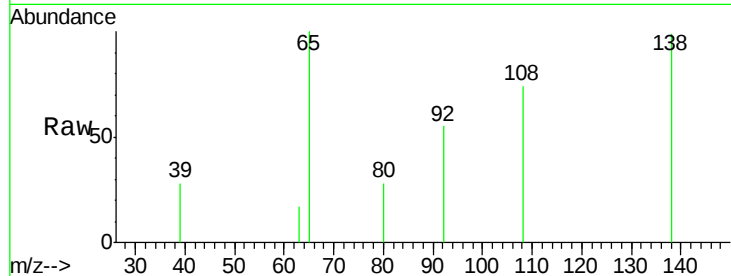




#61
4-Nitroaniline
Concen: 1.08 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

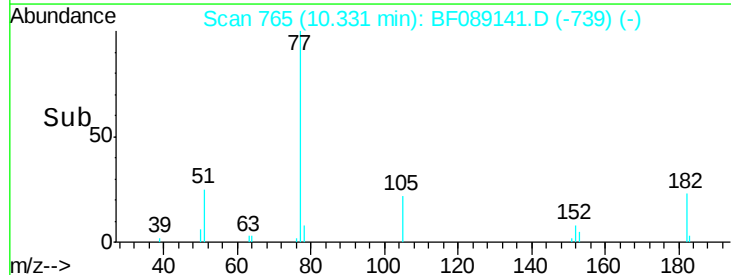
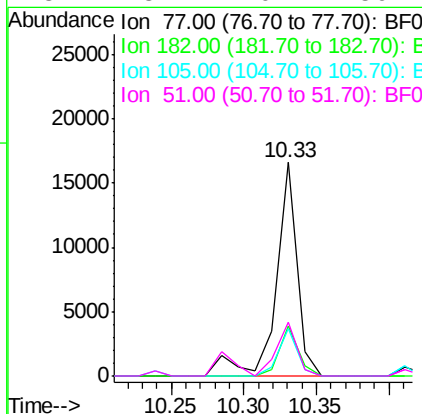
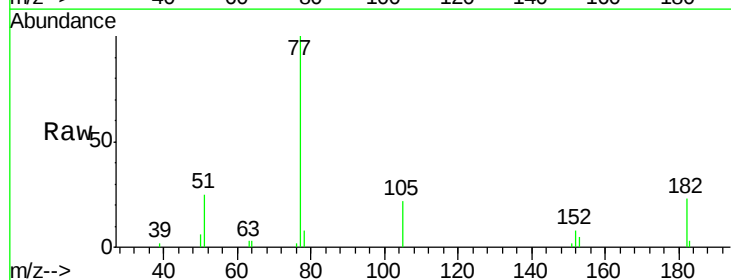
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

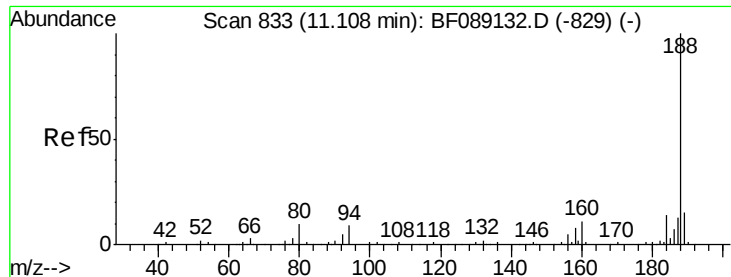
Tgt Ion: 138 Resp: 2734
Ion Ratio Lower Upper
138 100
92 55.3 37.2 77.2
108 74.7 66.1 106.1



#62
Azobenzene
Concen: 1.63 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 77 Resp: 17023
Ion Ratio Lower Upper
77 100
182 23.2 0.0 35.0
105 22.4 0.0 39.4
51 25.4 10.7 50.7

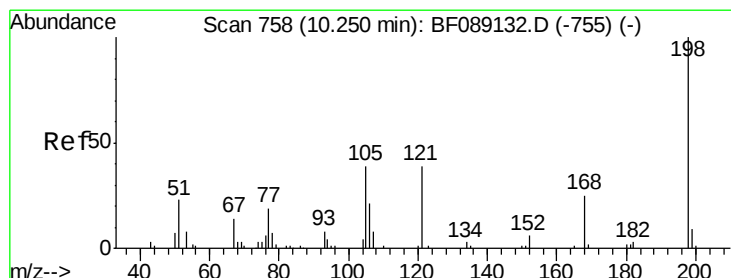
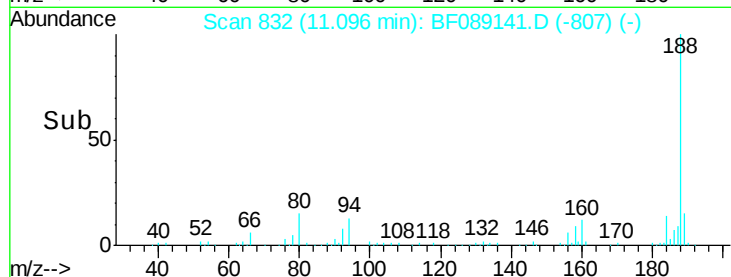
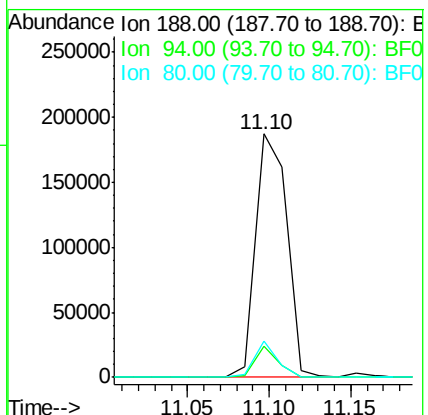
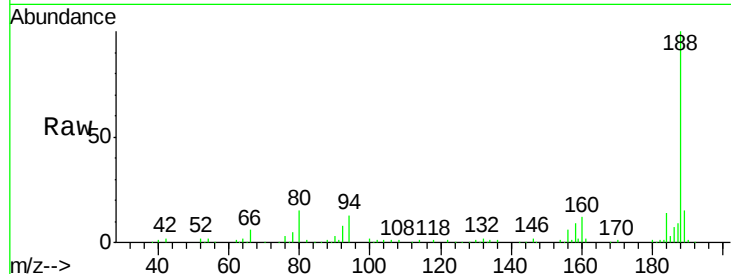




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

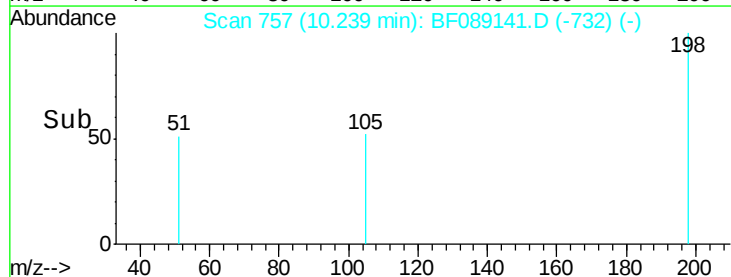
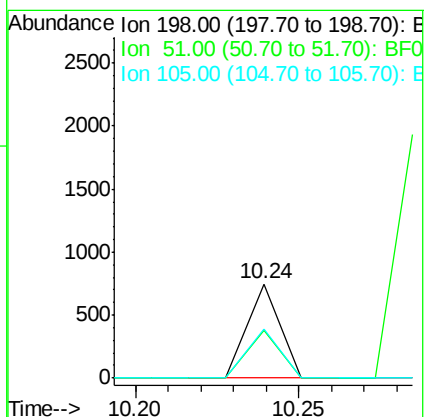
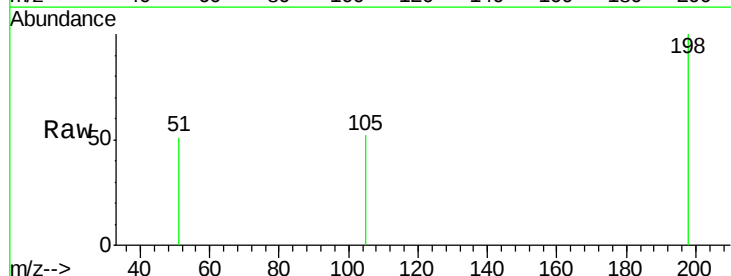
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

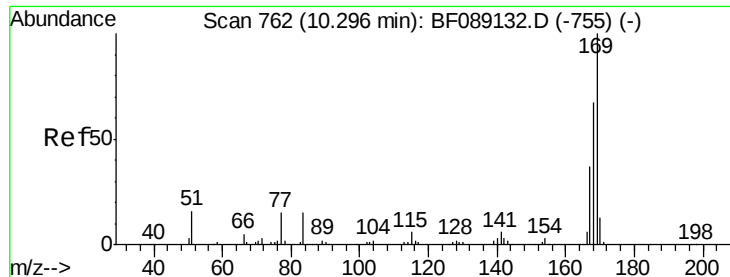
Tgt Ion:188 Resp: 250031
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 15.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:198 Resp: 512
Ion Ratio Lower Upper
198 100
51 50.7 11.7 51.7
105 51.6 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 1.48 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

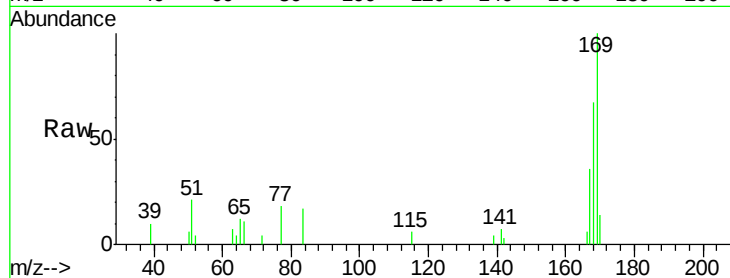
Tgt Ion:169 Resp: 12392

Ion Ratio Lower Upper

169 100

168 67.4 53.4 80.0

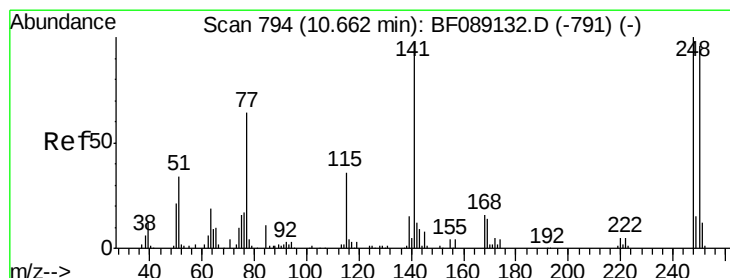
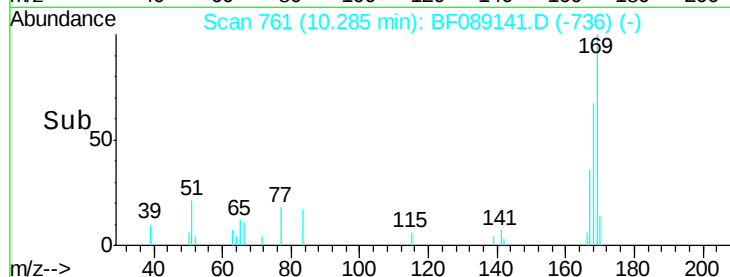
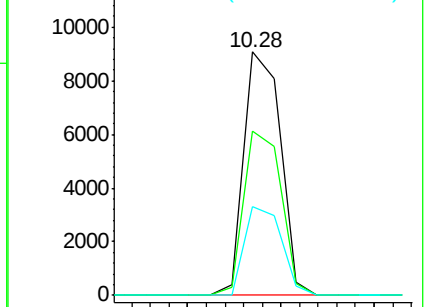
167 36.4 29.5 44.3



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: 1.39 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

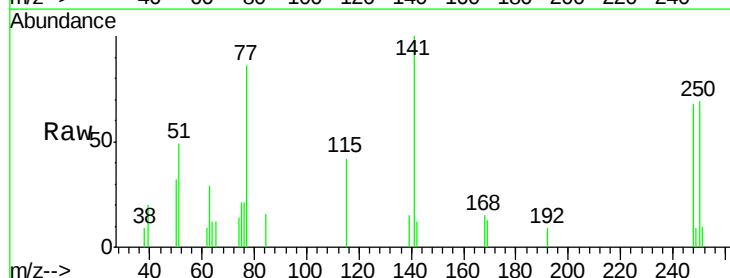
Tgt Ion:248 Resp: 3431

Ion Ratio Lower Upper

248 100

250 101.4 76.9 115.3

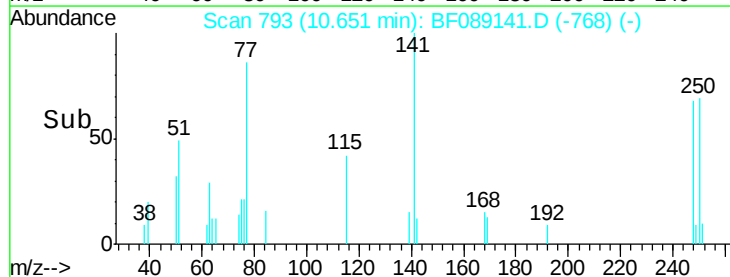
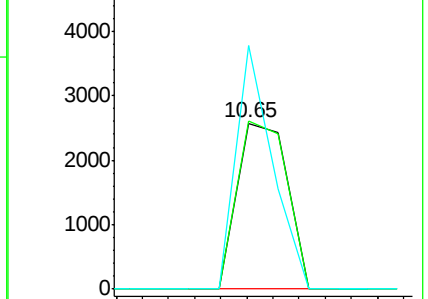
141 146.6 77.4 116.2#

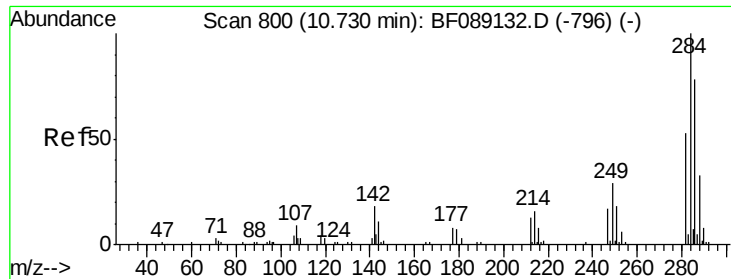


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

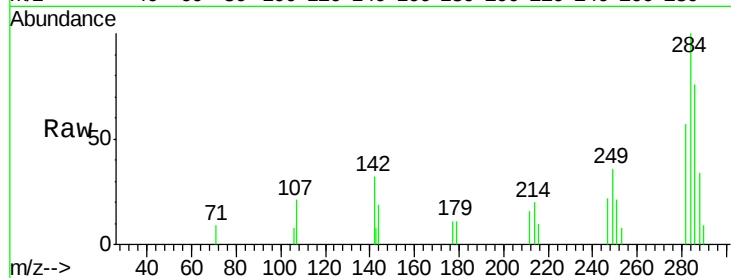




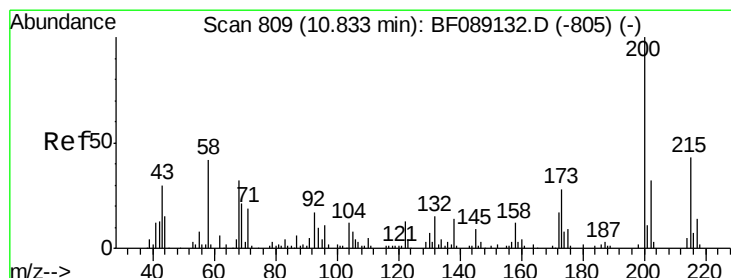
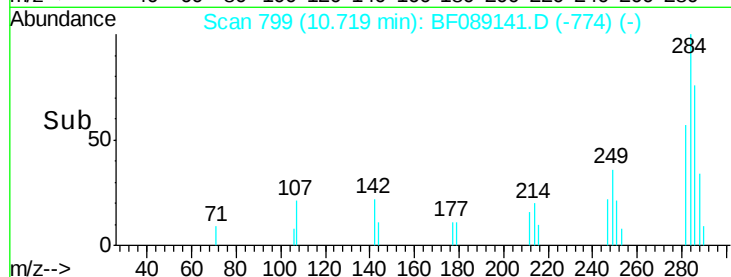
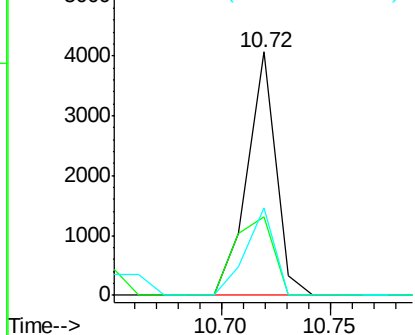
#67
Hexachlorobenzene
Concen: 1.39 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 284 Resp: 3712
Ion Ratio Lower Upper
284 100
142 32.3 14.1 21.1#
249 36.1 23.0 34.4#

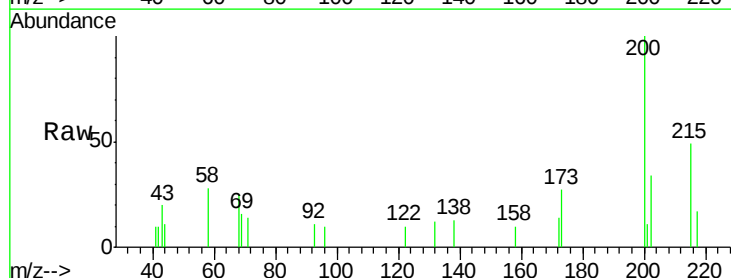


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

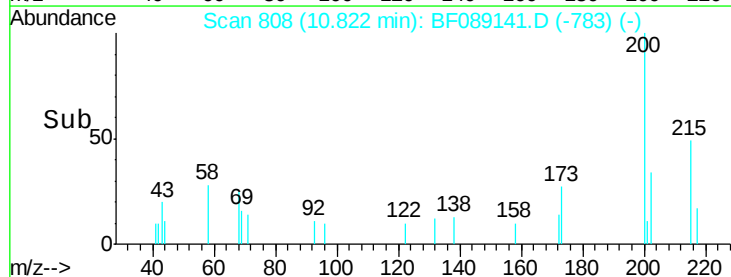
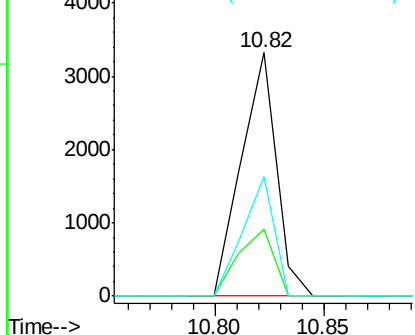


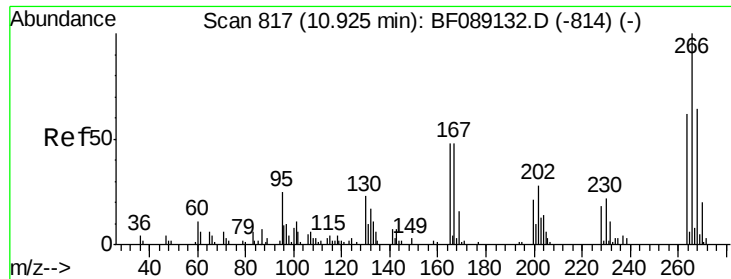
#68
Atrazine
Concen: 1.42 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 200 Resp: 3710
Ion Ratio Lower Upper
200 100
173 27.3 7.8 47.8
215 48.9 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

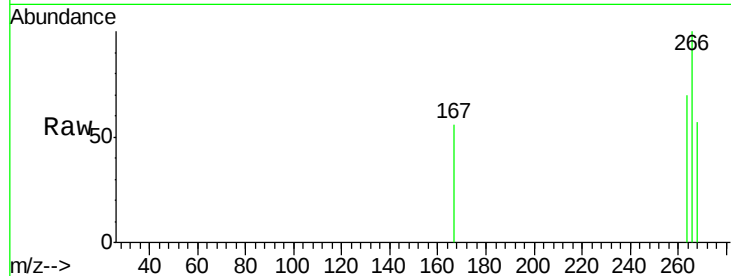




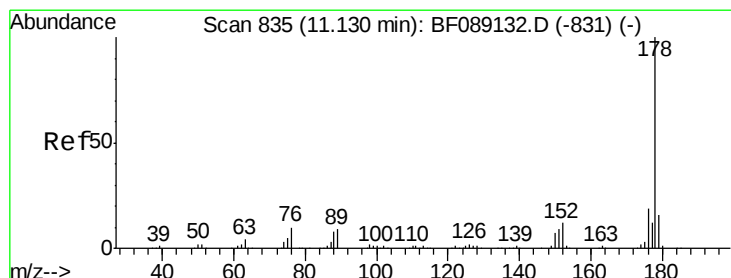
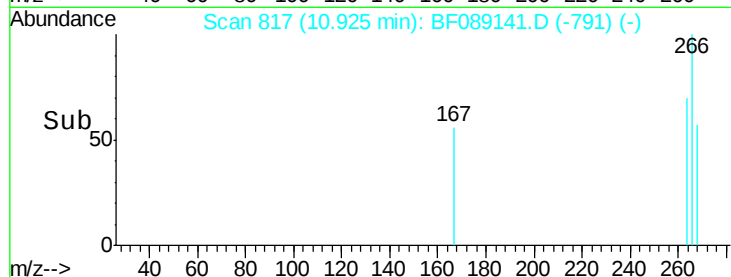
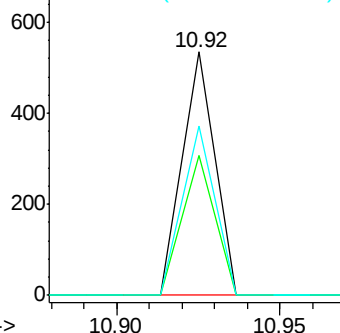
#69
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 266 Resp: 367
 Ion Ratio Lower Upper
 266 100
 268 57.4 51.2 76.8
 264 69.7 49.7 74.5

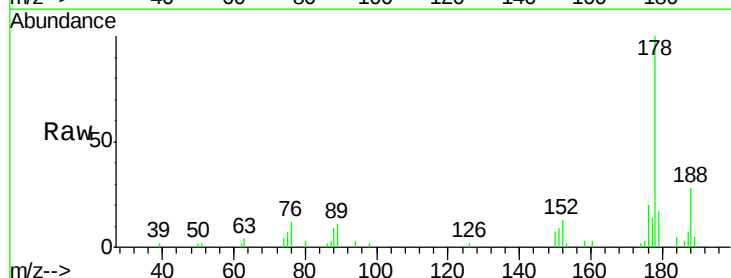


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

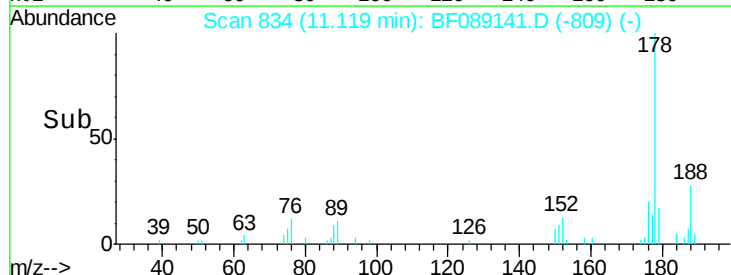
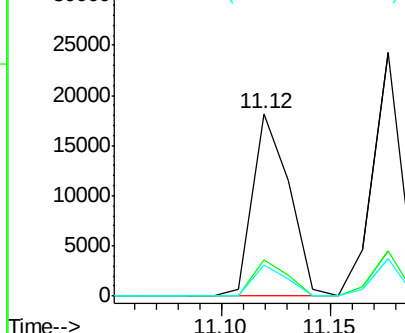


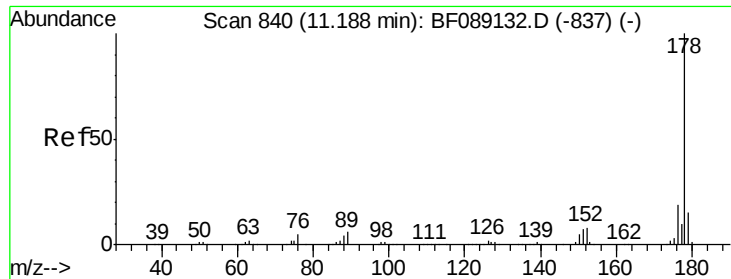
#70
 Phenanthrene
 Concen: 1.56 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 178 Resp: 21356
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 16.9 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

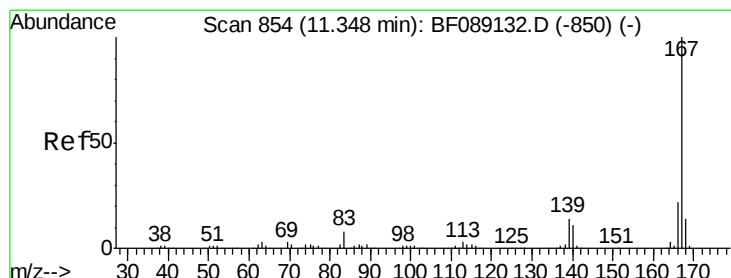
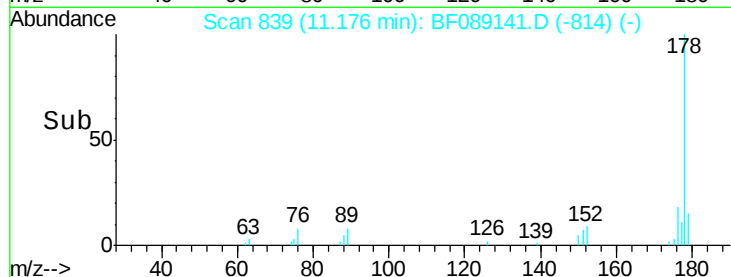
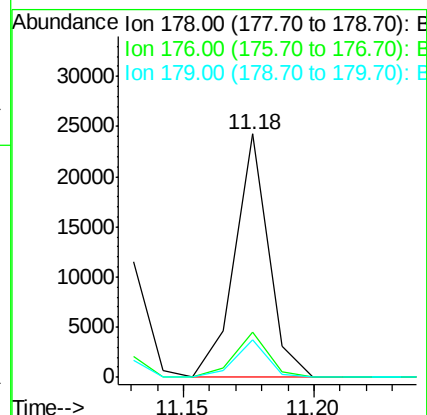
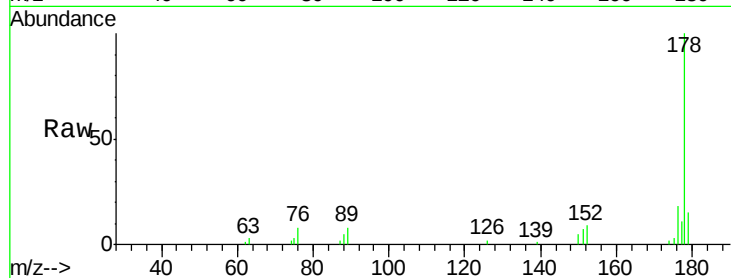




#71
 Anthracene
 Concen: 1.54 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

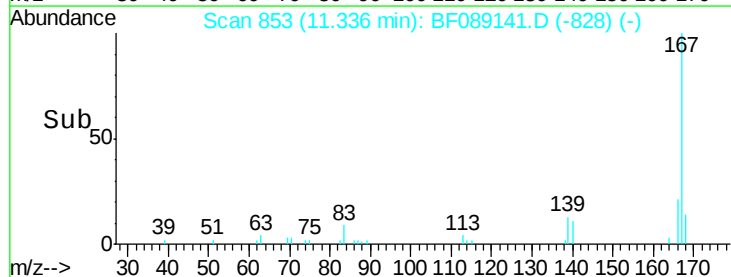
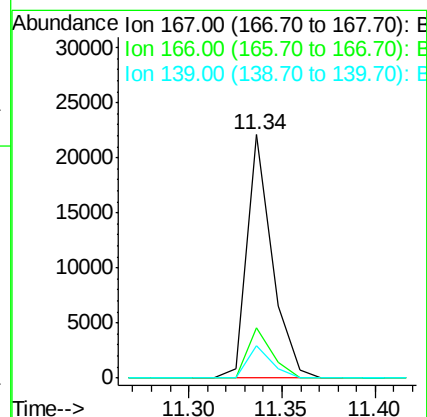
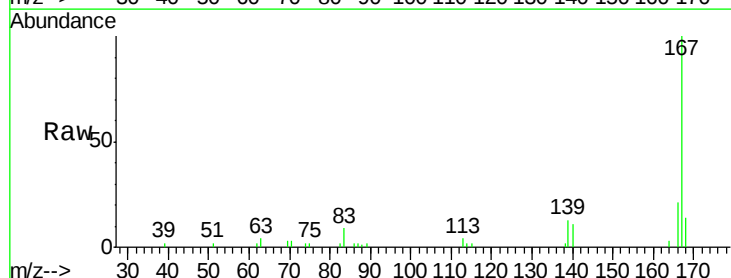
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

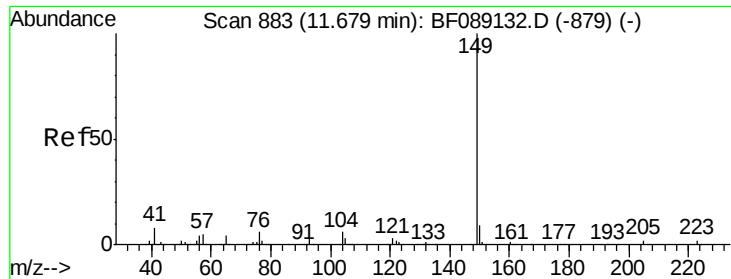
Tgt Ion:178 Resp: 22008
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.5 12.0 18.0



#72
 Carbazole
 Concen: 1.66 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion:167 Resp: 20776
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.7 26.5
 139 13.5 11.0 16.4

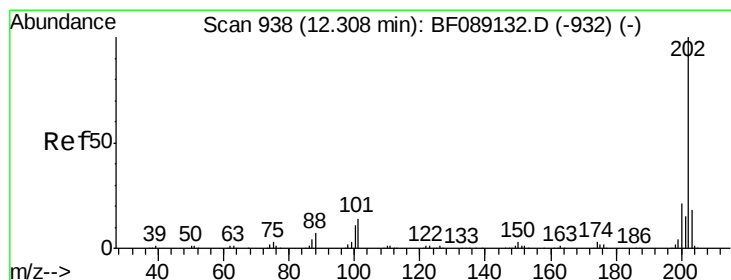
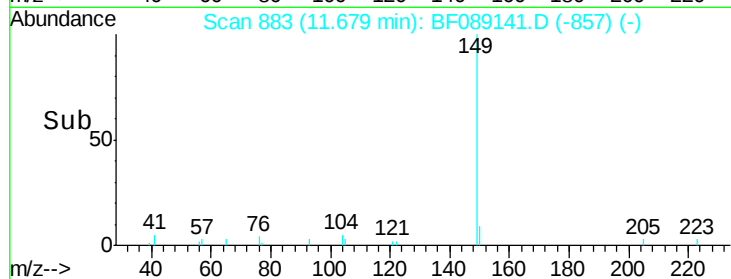
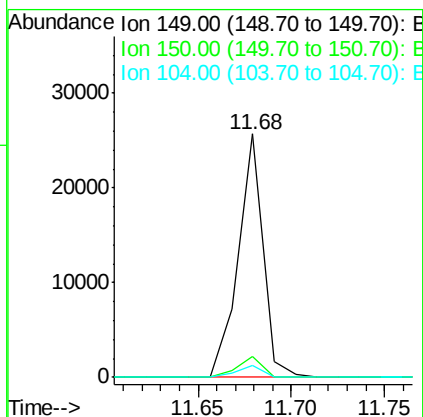
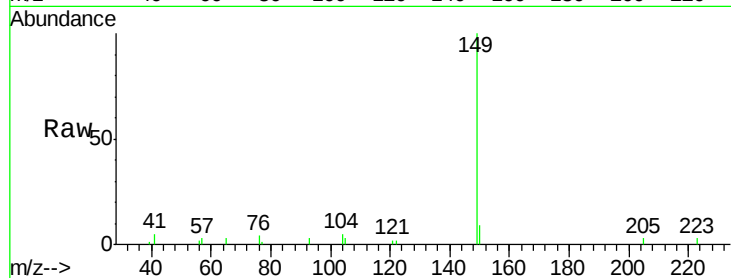




#73
Di-n-butylphthalate
Concen: 1.55 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

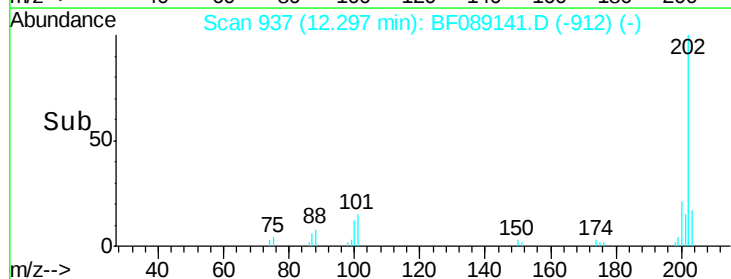
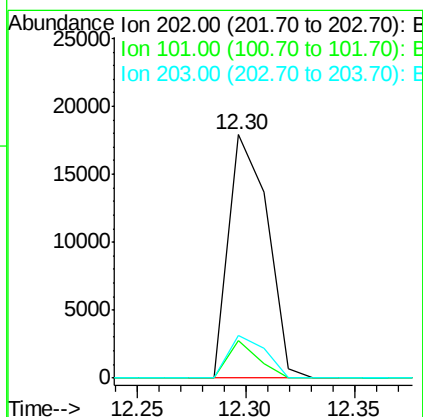
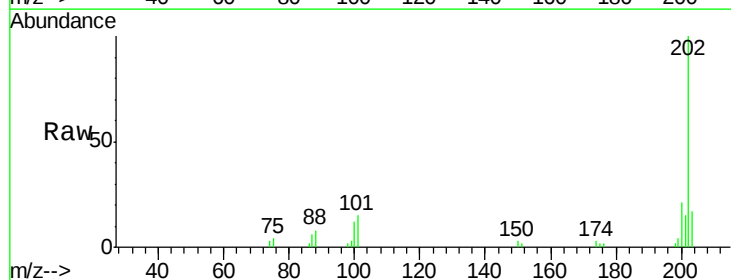
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

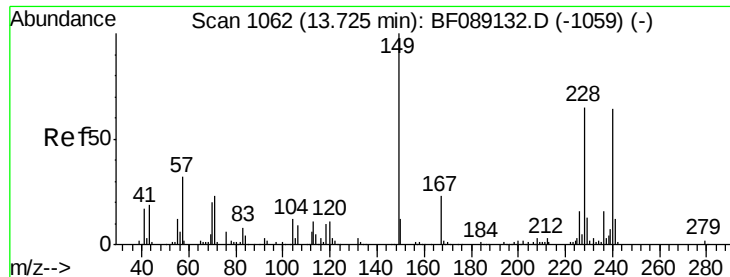
Tgt Ion:149 Resp: 23971
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.0 4.6 6.8



#74
Fluoranthene
Concen: 1.53 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion:202 Resp: 22117
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.0
203 17.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

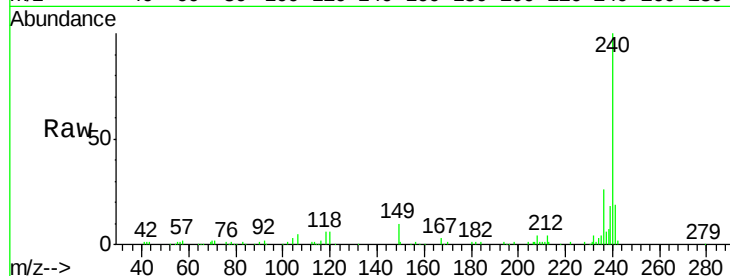
Tgt Ion:240 Resp: 203806

Ion Ratio Lower Upper

240 100

120 6.4 13.6 20.4#

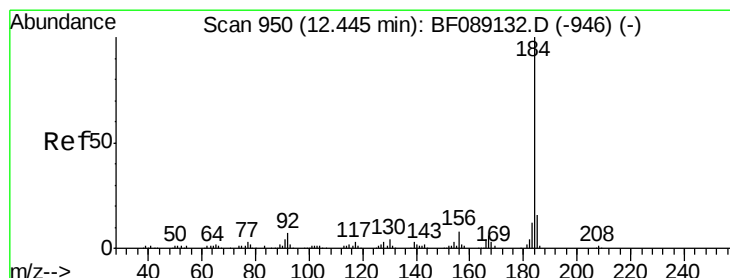
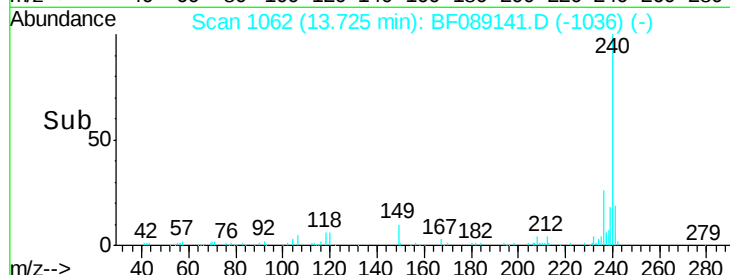
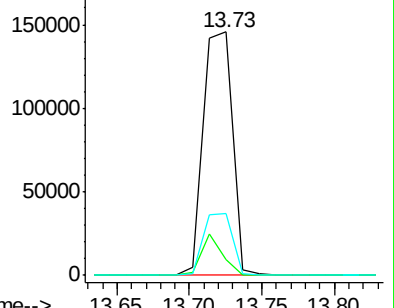
236 25.6 20.5 30.7



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: 1.30 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.24 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

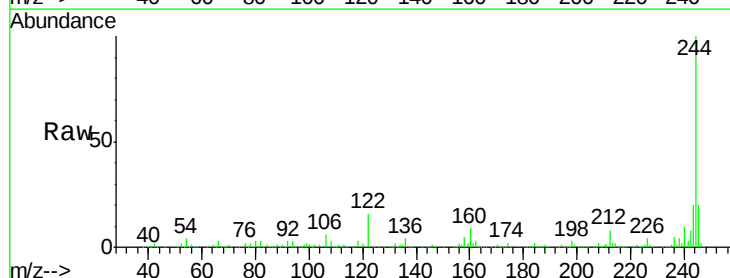
Tgt Ion:184 Resp: 9076

Ion Ratio Lower Upper

184 100

185 16.6 12.5 18.7

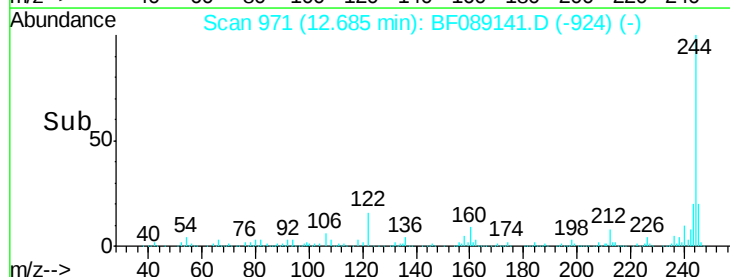
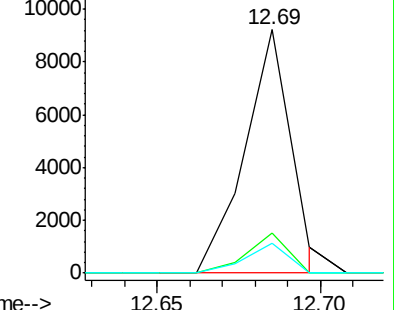
183 12.3 9.6 14.4

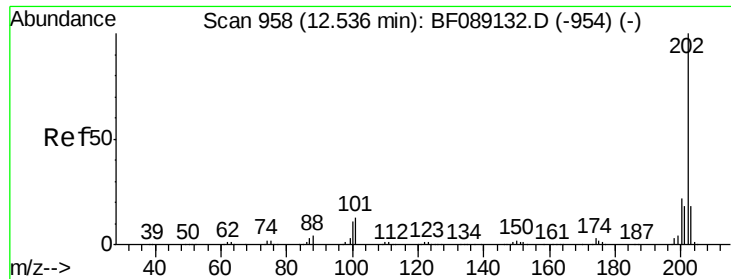


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

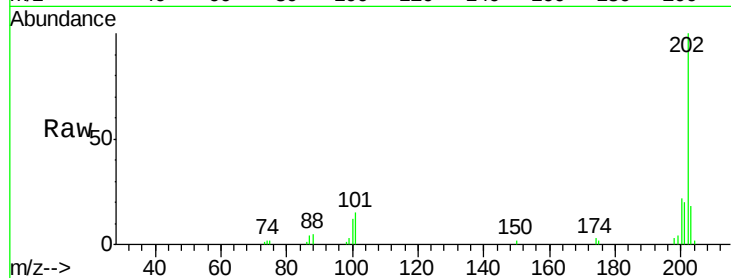




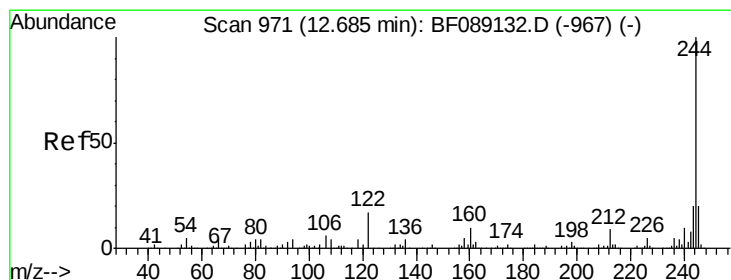
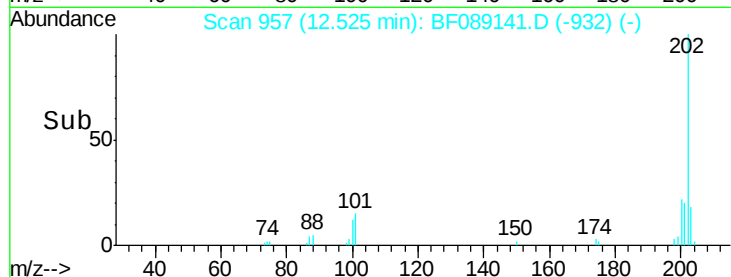
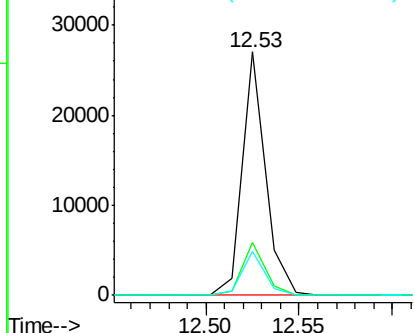
#77
 Pyrene
 Concen: 1.40 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 202 Resp: 23486
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.0
 203 18.2 14.2 21.2

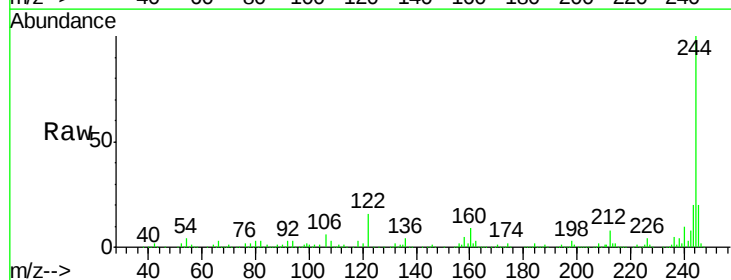


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

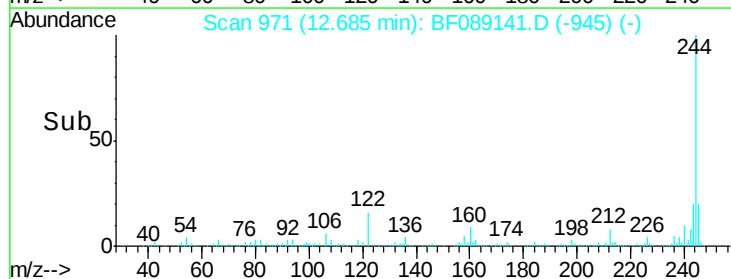
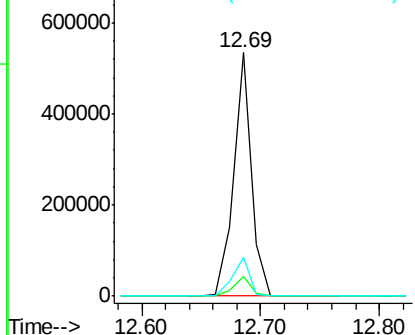


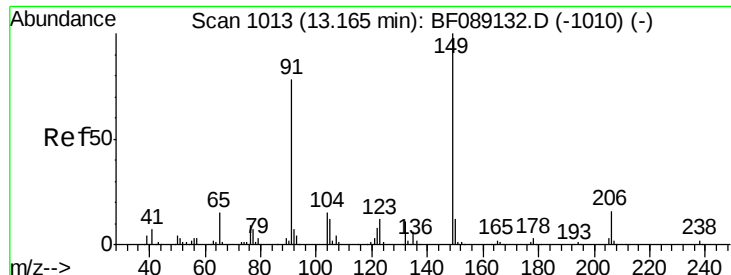
#78
 Terphenyl-d14
 Concen: 58.68 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 244 Resp: 551338
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 15.8 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: 1.31 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

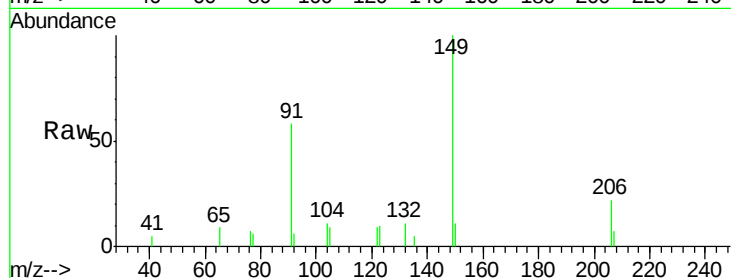
Tgt Ion:149 Resp: 9354

Ion Ratio Lower Upper

149 100

91 57.7 62.6 93.8#

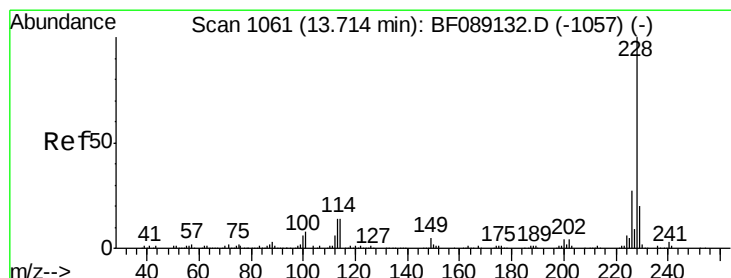
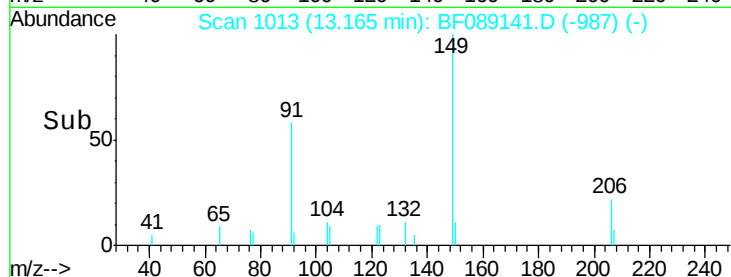
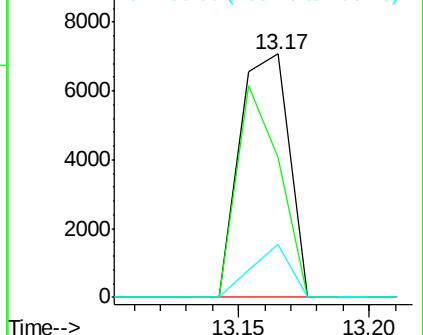
206 21.8 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.40 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

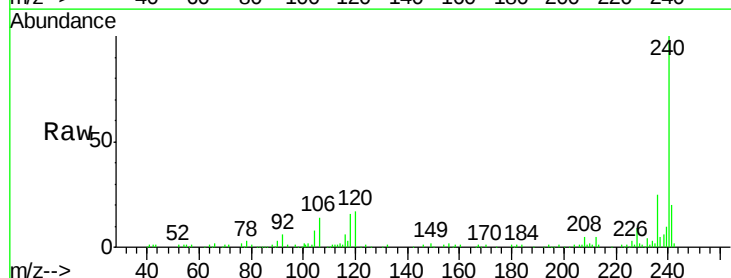
Tgt Ion:228 Resp: 18165

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

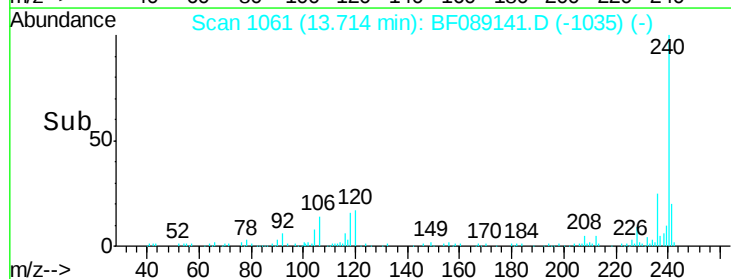
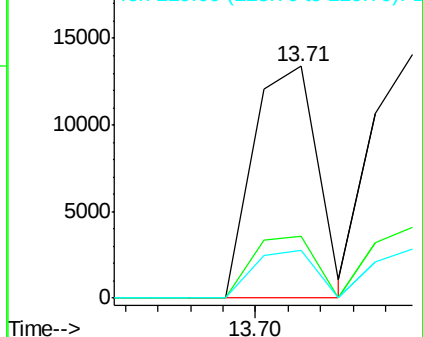
229 20.4 15.8 23.8

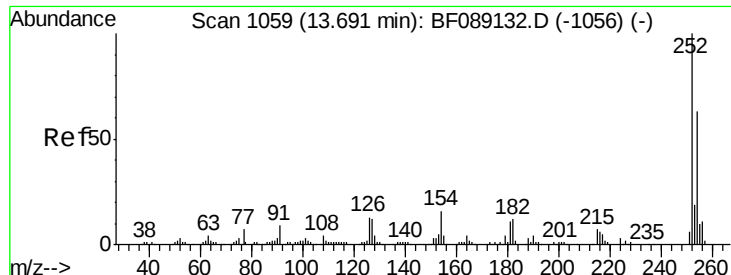


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

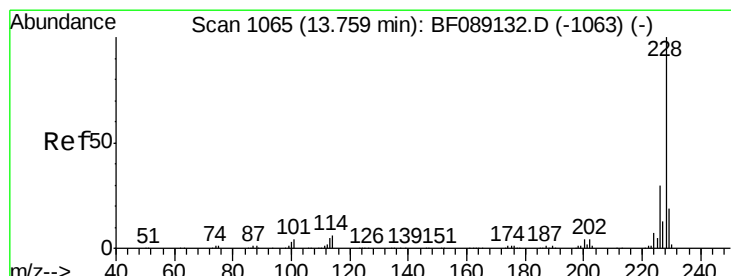
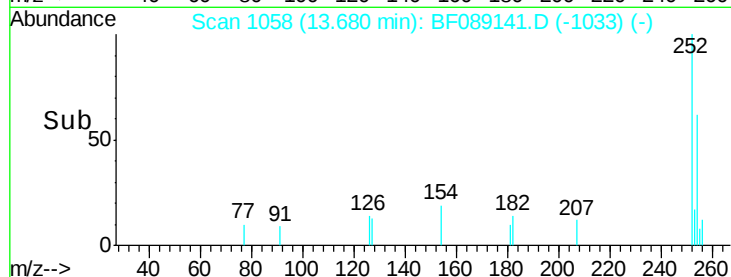
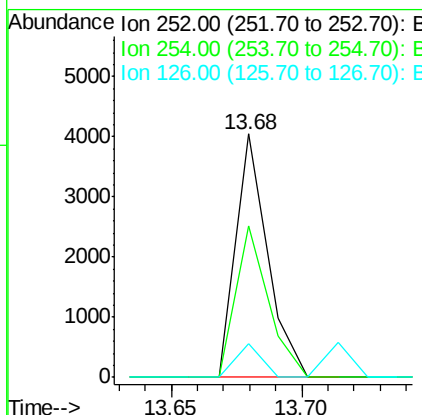
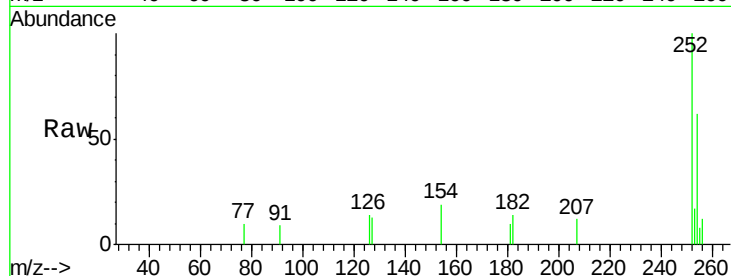




#81
 3,3'-Dichlorobenzidine
 Concen: 0.80 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

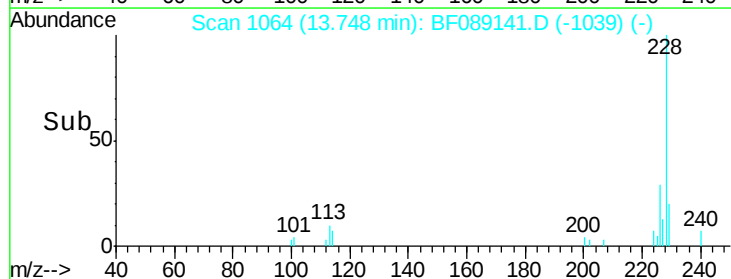
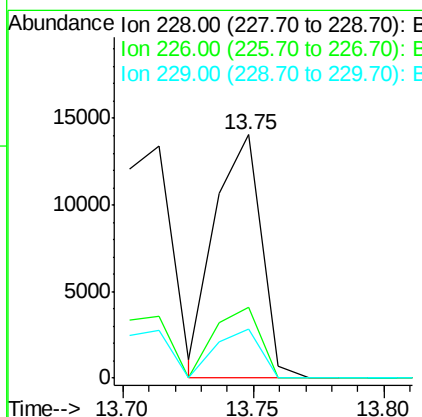
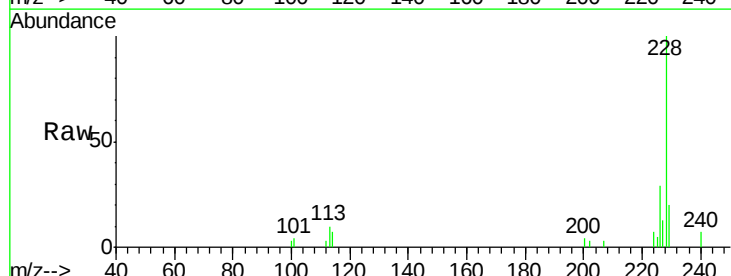
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

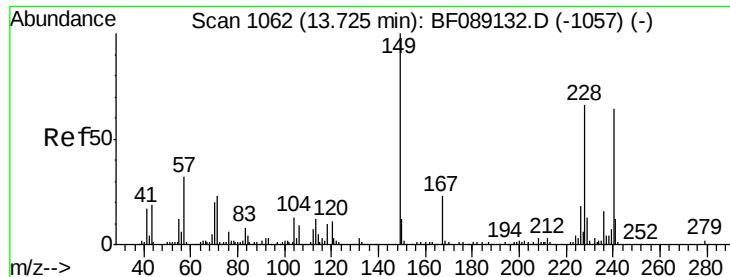
Tgt Ion: 252 Resp: 3456
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.4 75.6
 126 14.1 10.2 15.2



#82
 Chrysene
 Concen: 1.40 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 228 Resp: 17385
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.8 35.8
 229 20.4 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.40 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

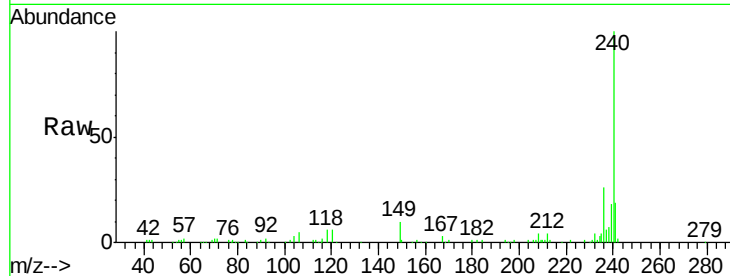
Instrument :

BNA_F

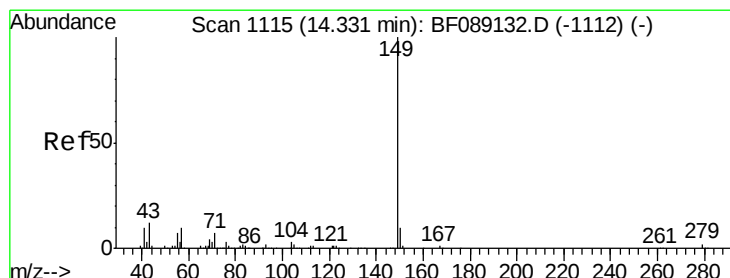
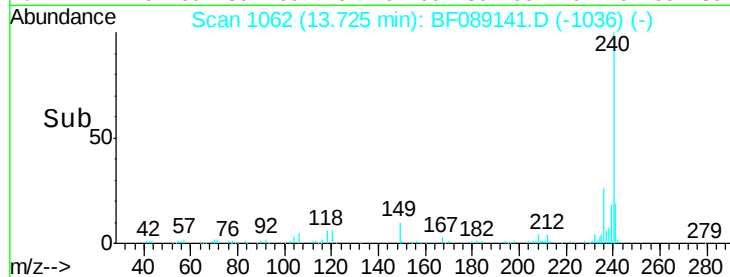
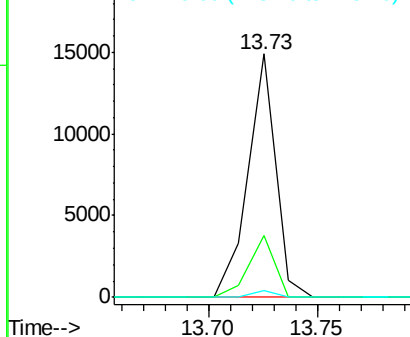
ClientSampleId :

LOD-WATER2016-01

Tgt Ion:	149	Resp:	13221
Ion	Ratio	Lower	Upper
149	100		
167	25.2	18.6	28.0
279	3.0	1.6	2.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 1.29 ng

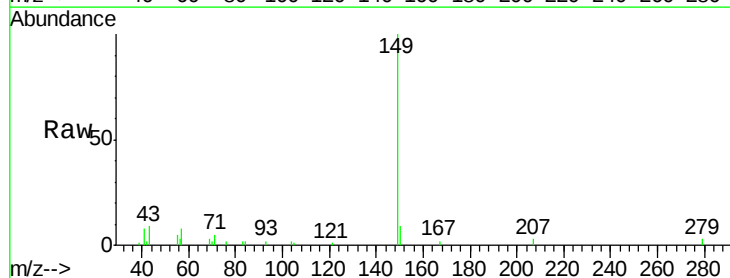
RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

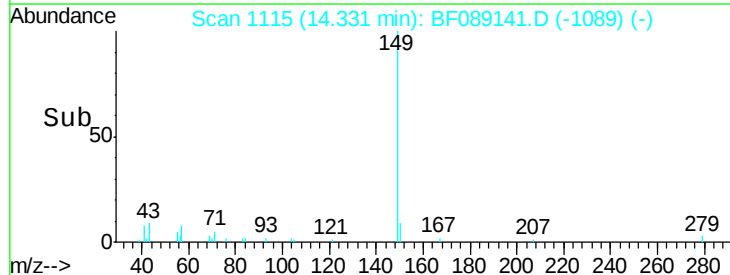
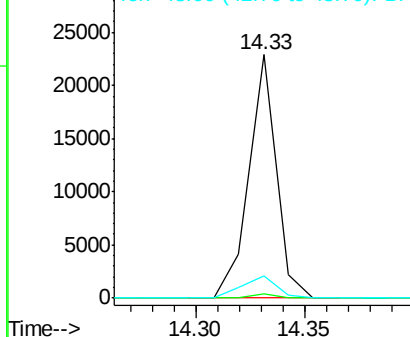
Lab File: BF089141.D

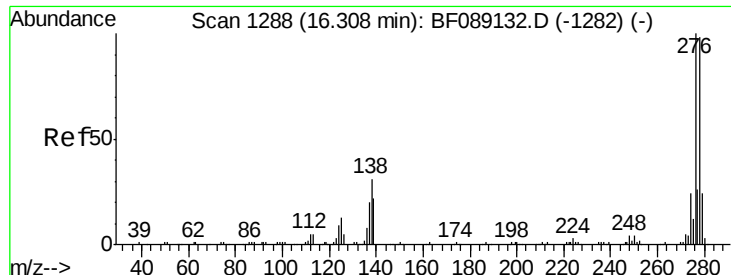
Acq: 20 Jul 2016 19:53

Tgt Ion:	149	Resp:	20085
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	11.6	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

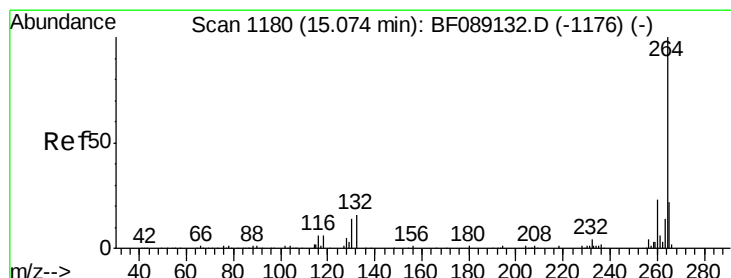
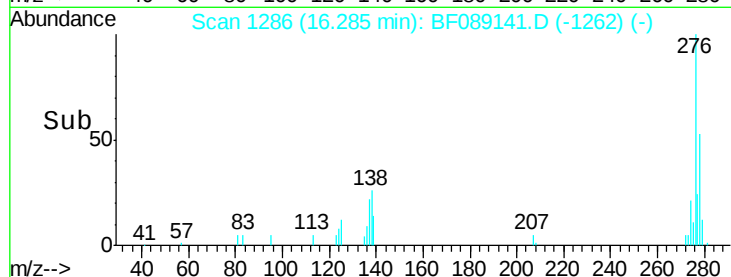
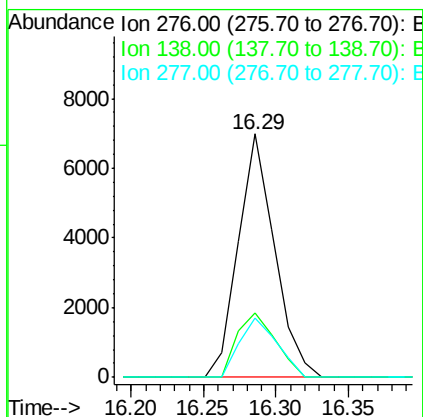
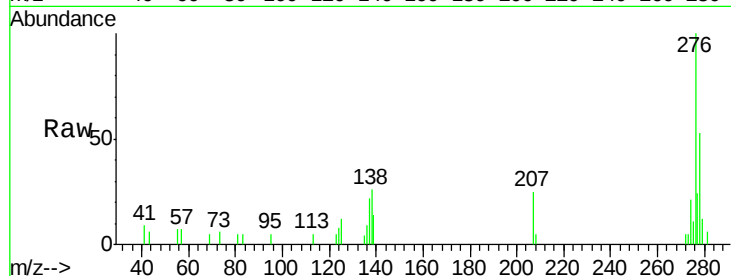




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.35 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

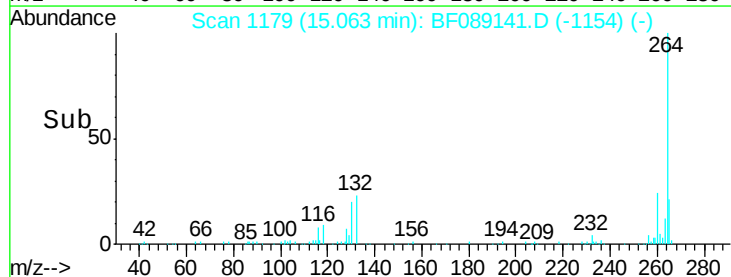
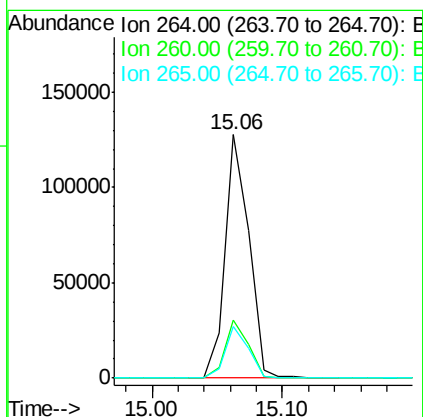
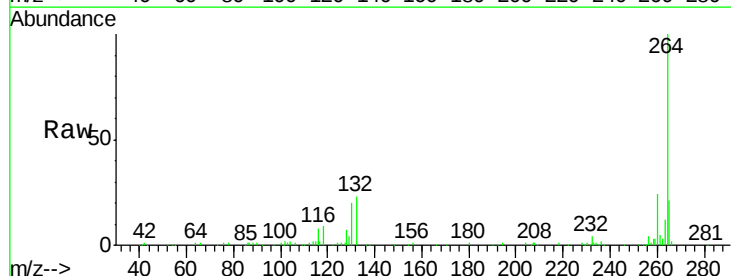
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

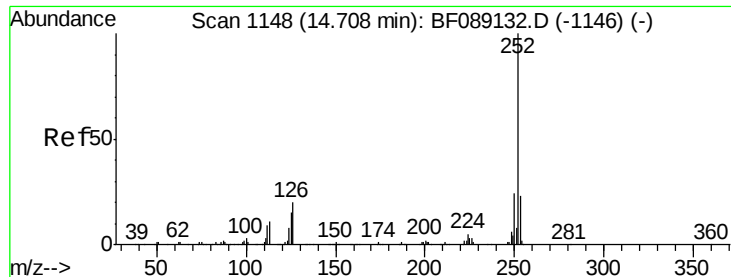
Tgt Ion: 276 Resp: 12114
 Ion Ratio Lower Upper
 276 100
 138 27.9 23.7 35.5
 277 25.0 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089141.D
 Acq: 20 Jul 2016 19:53

Tgt Ion: 264 Resp: 161655
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 21.3 17.3 25.9

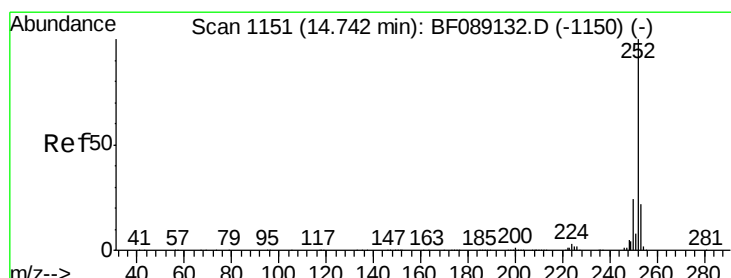
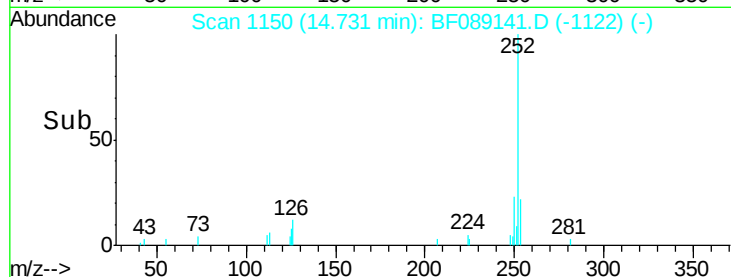
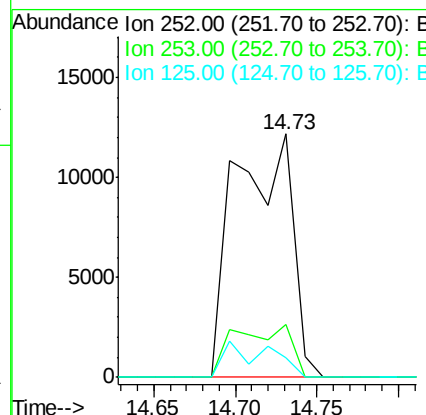
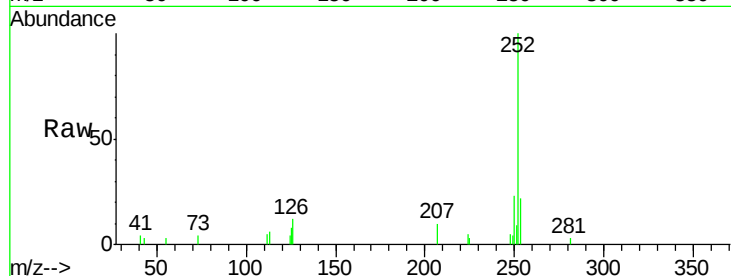




#87
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

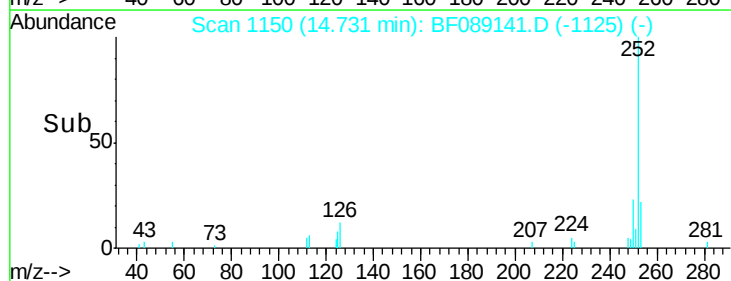
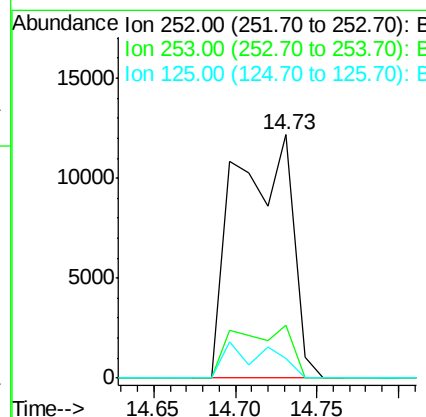
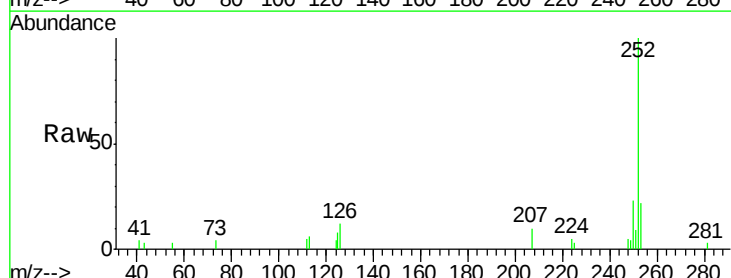
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

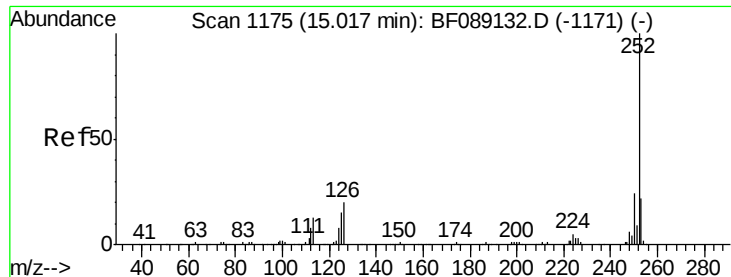
Tgt Ion: 252 Resp: 29469
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 7.8 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 3.52 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF089141.D
Acq: 20 Jul 2016 19:53

Tgt Ion: 252 Resp: 29469
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 7.8 6.3 9.5





#89

Benzo(a)pyrene

Concen: 1.46 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

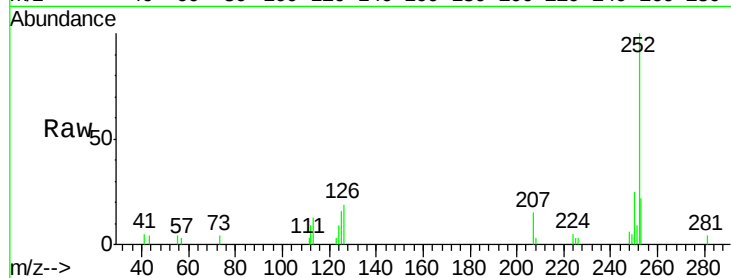
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

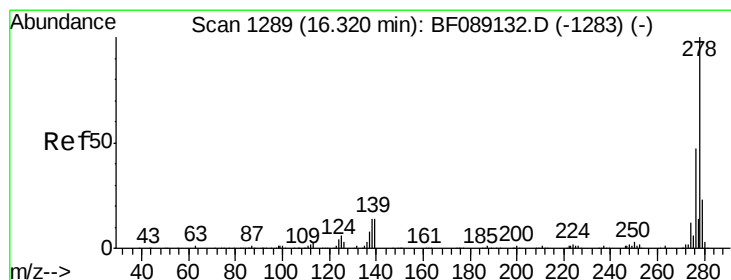
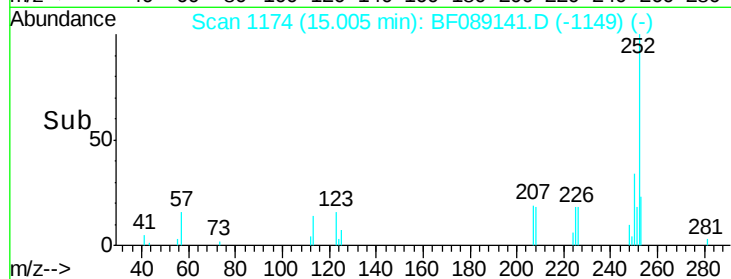
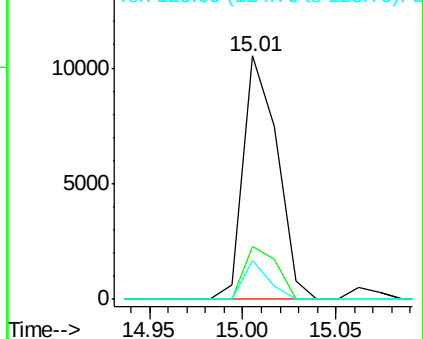
Tgt Ion:	252	Resp:	13310
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	16.0	12.4	18.6



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: 1.33 ng

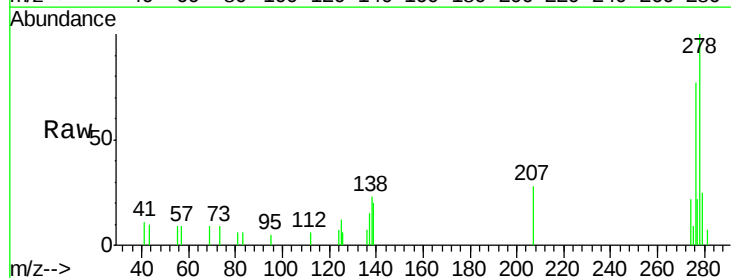
RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089141.D

Acq: 20 Jul 2016 19:53

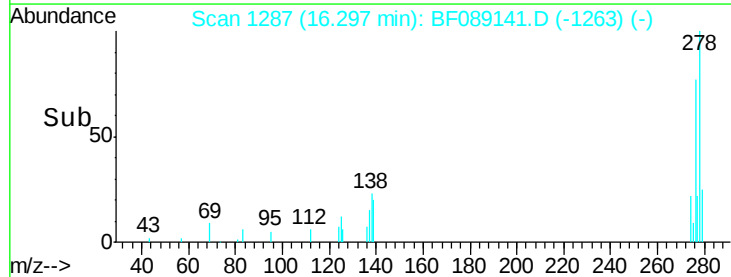
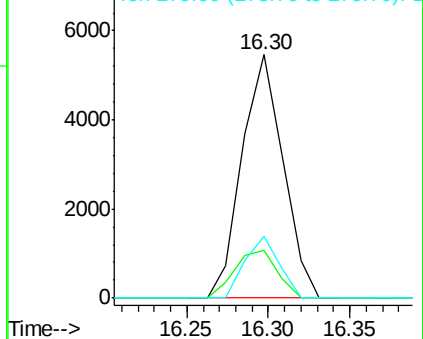
Tgt Ion:	278	Resp:	9578
Ion	Ratio	Lower	Upper
278	100		
139	19.7	11.4	17.2#
279	25.4	18.4	27.6

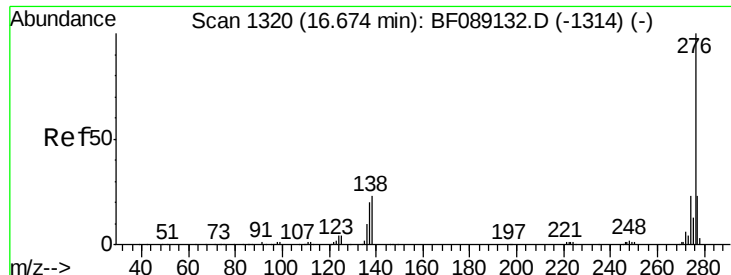


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.39 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089141.D

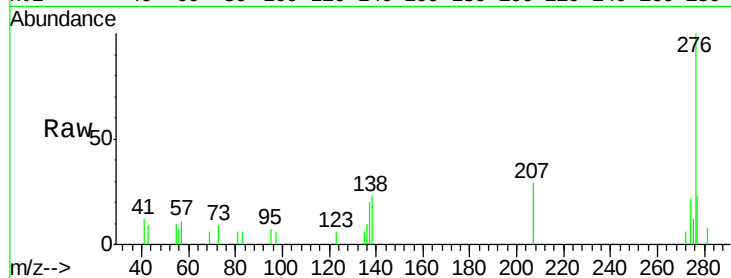
Acq: 20 Jul 2016 19:53

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01



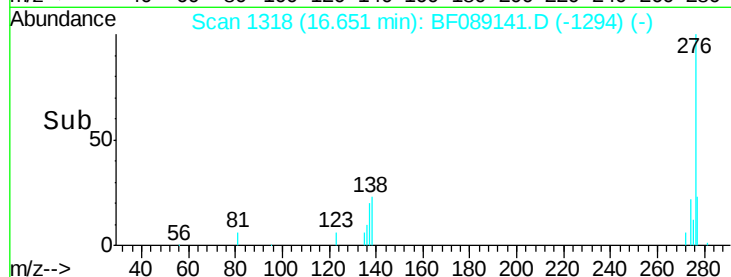
Tgt Ion: 276 Resp: 10077

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 22.7 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

