

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090389.D
 Acq On : 5 Oct 2016 19:39
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 1PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:09:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	243866	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1017043	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	529728	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	802846	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	682445	20.00	ng	-0.01
86) Perylene-d12	15.70	264	467598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2141765	131.08	ng	0.01
7) Phenol-d6	6.62	99	2403588	112.31	ng	0.00
23) Nitrobenzene-d5	7.56	82	1677304	80.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	557446	129.42	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2670524	84.00	ng	-0.01
78) Terphenyl-d14	13.14	244	2696954	88.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	7875	0.98	ng	92
4) n-Nitrosodimethylamine	3.45	42	460	0.05	ng	# 1
6) Aniline	6.66	93	25101	0.85	ng	97
8) 2-Chlorophenol	6.78	128	20447	1.14	ng	89
9) Benzaldehyde	6.54	77	10653	0.98	ng	95
10) Phenol	6.63	94	32374	1.30	ng	# 57
11) bis(2-Chloroethyl)ether	6.73	93	16171	0.85	ng	# 78
12) 1,3-Dichlorobenzene	6.94	146	17242	0.96	ng	97
13) 1,4-Dichlorobenzene	7.01	146	16865	0.93	ng	93
14) 1,2-Dichlorobenzene	7.17	146	18619	1.06	ng	98
15) Benzyl Alcohol	7.16	79	46818	2.88	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.27	45	32013	0.99	ng	95
17) 2-Methylphenol	7.24	107	13358	0.90	ng	94
18) Hexachloroethane	7.51	117	5871	0.82	ng	87
19) n-Nitroso-di-n-propylamine	7.40	70	14638	0.93	ng	# 92
20) 3+4-Methylphenols	7.40	107	18482	0.97	ng	# 40
22) Acetophenone	7.40	105	24590	1.02	ng	# 97
24) Nitrobenzene	7.57	77	25673	1.24	ng	# 88
25) Isophorone	7.81	82	36477	0.95	ng	# 91
26) 2-Nitrophenol	7.90	139	6423	0.72	ng	# 89
27) 2,4-Dimethylphenol	7.93	122	22579	1.30	ng	91
28) bis(2-Chloroethoxy)methane	8.03	93	22522	1.00	ng	# 95
29) 2,4-Dichlorophenol	8.14	162	11638	0.88	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	12286	0.90	ng	95
31) Naphthalene	8.31	128	48830	1.00	ng	96
32) Benzoic acid	7.93	122	22578	1.87	ng	# 17
33) 4-Chloroaniline	8.35	127	17260	0.85	ng	96
34) Hexachlorobutadiene	8.43	225	6412	0.84	ng	97
35) Caprolactam	8.67	113	3879	0.87	ng	98
36) 4-Chloro-3-methylphenol	8.83	107	15408	0.93	ng	99
37) 2-Methylnaphthalene	9.00	142	28108	0.95	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	11968	0.86	ng	# 96
40) Hexachlorocyclopentadiene	9.16	237	5139	0.67	ng	95
42) 2,4,6-Trichlorophenol	9.27	196	7663	0.80	ng	94

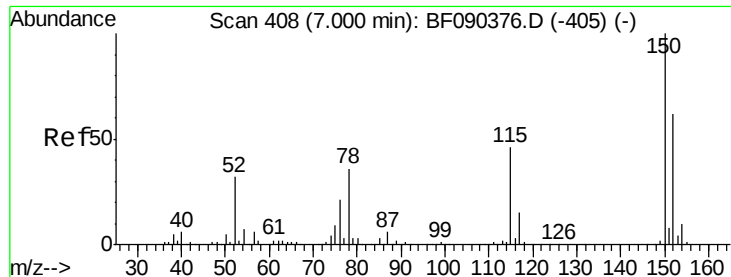
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090389.D
 Acq On : 5 Oct 2016 19:39
 Operator : UM/SJ
 Sample : H4818-05
 Misc : LOD 1PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Oct 06 01:09:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.32	196	6801	0.75	ng	# 88
45) 1,1'-Biphenyl	9.47	154	41456	1.06	ng	93
46) 2-Chloronaphthalene	9.49	162	28236	0.97	ng	98
47) 2-Nitroaniline	9.58	65	10061	0.88	ng	95
48) Acenaphthylene	9.91	152	43550	0.91	ng	96
49) Dimethylphthalate	9.75	163	30835	0.91	ng	# 97
50) 2,6-Dinitrotoluene	9.82	165	5794	0.77	ng	93
51) Acenaphthene	10.09	154	27803	0.93	ng	95
52) 3-Nitroaniline	9.99	138	6453	0.73	ng	89
53) 2,4-Dinitrophenol	10.10	184	693	0.21	ng	# 80
54) Dibenzofuran	10.26	168	37365	0.97	ng	99
55) 4-Nitrophenol	10.14	139	4585	0.60	ng	95
56) 2,4-Dinitrotoluene	10.22	165	7277	0.73	ng	# 31
57) Fluorene	10.60	166	30015	0.92	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.37	232	4707	0.69	ng	# 78
59) Diethylphthalate	10.46	149	34141	0.97	ng	# 90
60) 4-Chlorophenyl-phenylether	10.59	204	13363	0.91	ng	# 88
61) 4-Nitroaniline	10.60	138	6415	0.72	ng	95
62) Azobenzene	10.75	77	38731	0.96	ng	86
64) 4,6-Dinitro-2-methylphenol	10.63	198	1596	5.70	ng	# 63
65) n-Nitrosodiphenylamine	10.70	169	26019	0.97	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	7503	0.95	ng	# 77
67) Hexachlorobenzene	11.15	284	8183	0.93	ng	# 82
68) Atrazine	11.23	200	6260	0.94	ng	98
69) Pentachlorophenol	11.34	266	3168	0.61	ng	95
70) Phenanthrene	11.56	178	44624	1.09	ng	96
71) Anthracene	11.62	178	44805	1.07	ng	94
72) Carbazole	11.77	167	44377	1.14	ng	96
73) Di-n-butylphthalate	12.10	149	47523	1.00	ng	98
74) Fluoranthene	12.76	202	37959	0.94	ng	90
76) Benzidine	12.88	184	50892	2.84	ng	98
77) Pyrene	12.99	202	40522	0.89	ng	96
79) Butylbenzylphthalate	13.61	149	20044	0.86	ng	# 83
80) Benzo(a)anthracene	14.18	228	39527	1.03	ng	96
81) 3,3'-Dichlorobenzidine	14.14	252	10749	0.77	ng	# 97
82) Chrysene	14.21	228	35198	1.00	ng	96
83) Bis(2-ethylhexyl)phthalate	14.17	149	26366	0.79	ng	# 95
84) Di-n-octyl phthalate	14.78	149	40491	0.82	ng	95
85) Indeno(1,2,3-cd)pyrene	17.20	276	19837	0.79	ng	95
87) Benzo(b)fluoranthene	15.24	252	30116	1.01	ng	# 91
88) Benzo(k)fluoranthene	15.24	252	30116	1.08	ng	# 96
89) Benzo(a)pyrene	15.63	252	22243	0.87	ng	96
90) Dibenzo(a,h)anthracene	17.22	278	16686	0.76	ng	# 89
91) Benzo(g,h,i)perylene	17.65	276	16048	0.77	ng	# 92

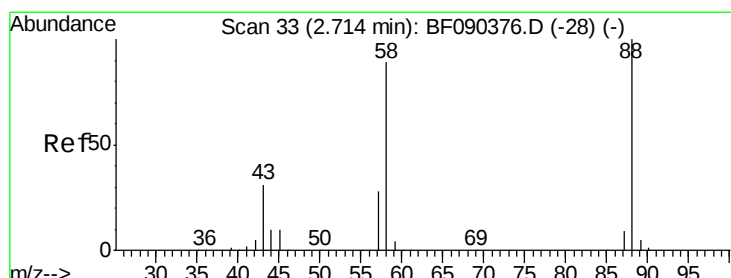
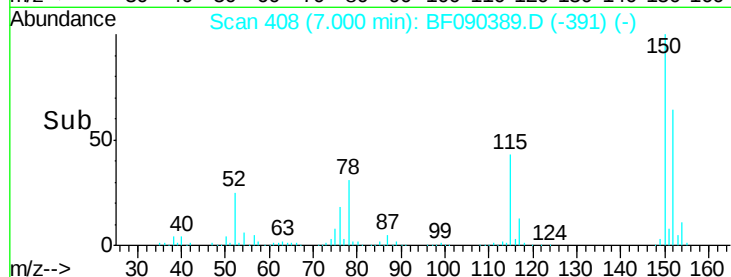
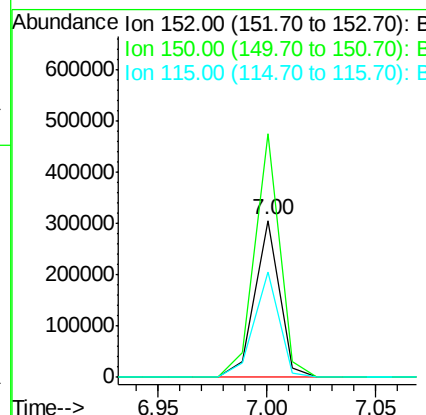
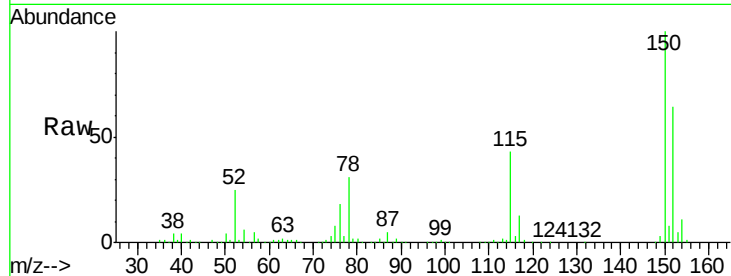
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

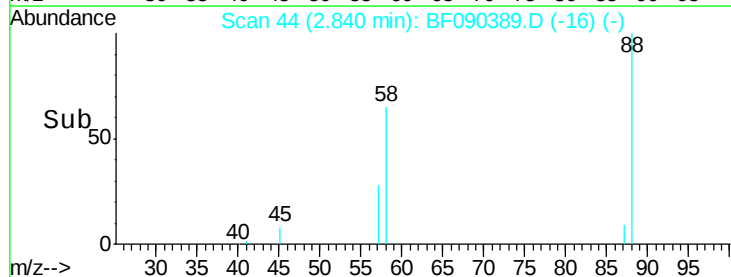
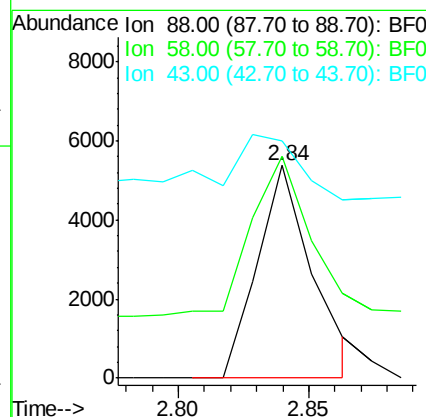
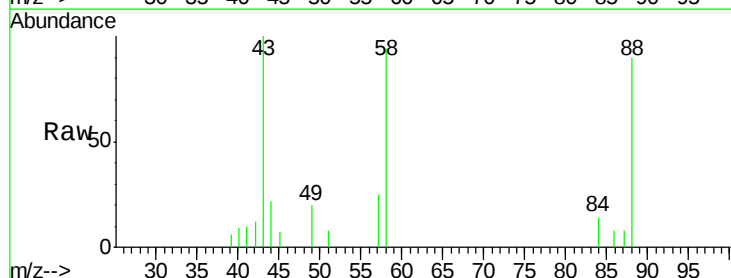
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

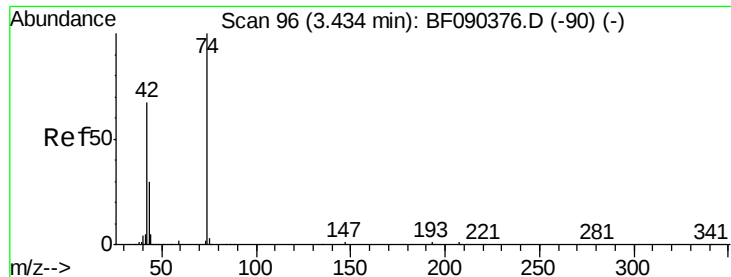
Tgt Ion:152 Resp: 243866
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 66.8 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.98 ng
 RT: 2.84 min Scan# 44
 Delta R.T. 0.13 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion: 88 Resp: 7875
 Ion Ratio Lower Upper
 88 100
 58 81.2 71.2 106.8
 43 41.0 29.8 44.6





#4

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.45 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

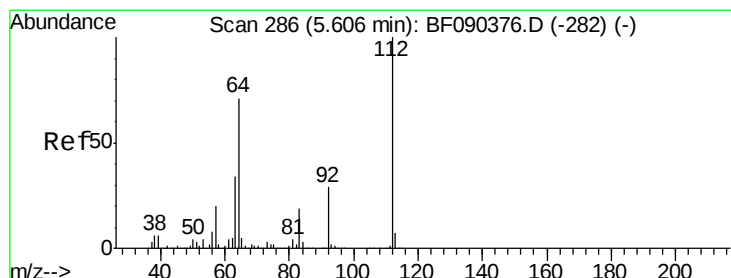
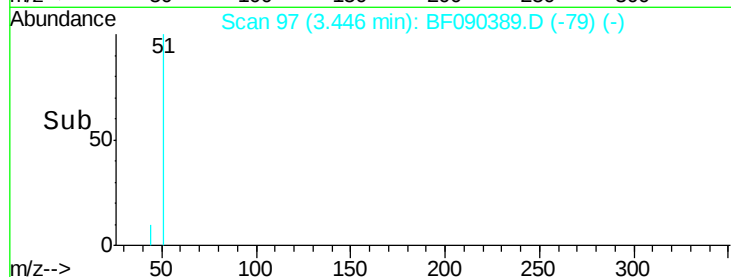
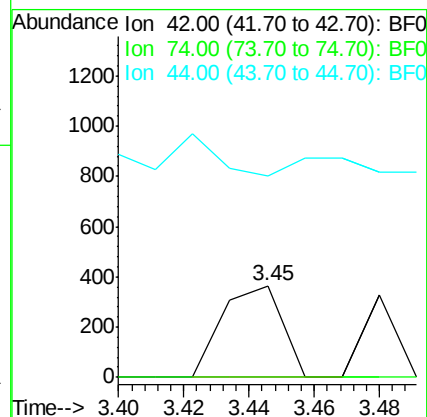
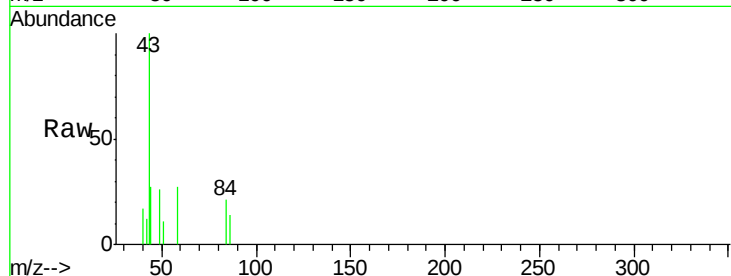
Tgt Ion: 42 Resp: 460

Ion Ratio Lower Upper

42 100

74 0.0 88.9 133.3#

44 220.9 6.5 9.7#



#5

2-Fluorophenol

Concen: 131.08 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

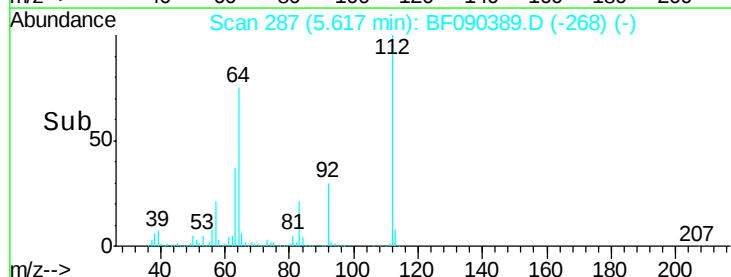
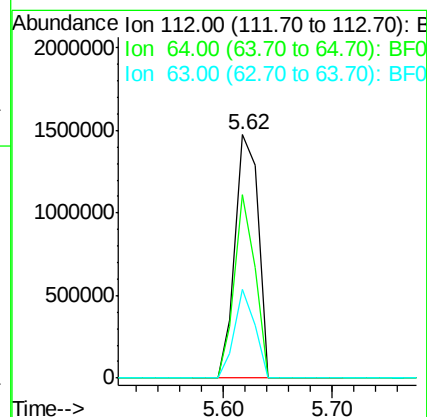
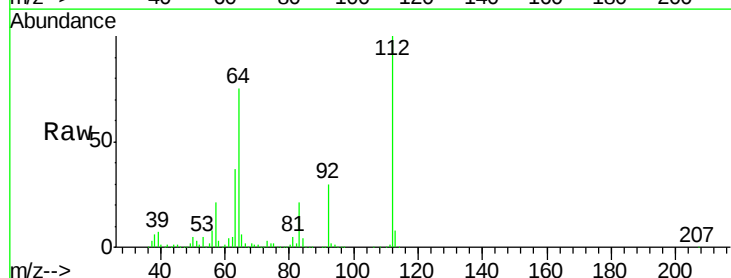
Tgt Ion: 112 Resp: 2141765

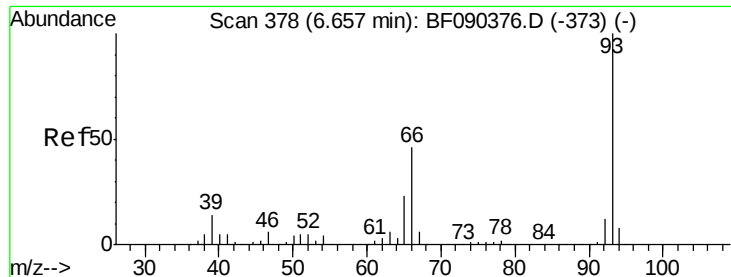
Ion Ratio Lower Upper

112 100

64 75.4 57.9 86.9

63 36.5 29.6 44.4





#6

Aniline

Concen: 0.85 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

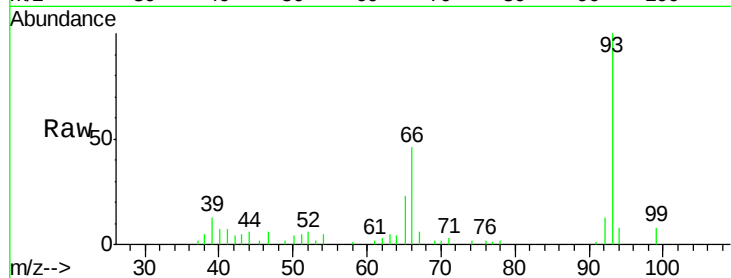
Tgt Ion: 93 Resp: 25101

Ion Ratio Lower Upper

93 100

66 45.9 34.5 51.7

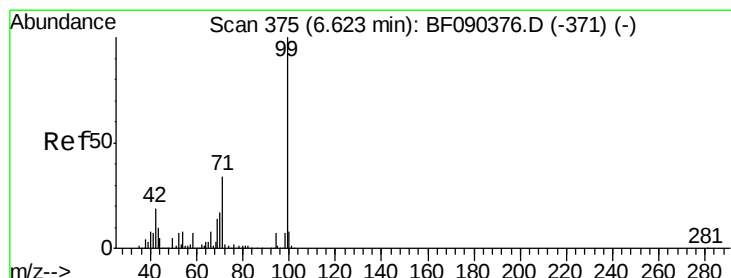
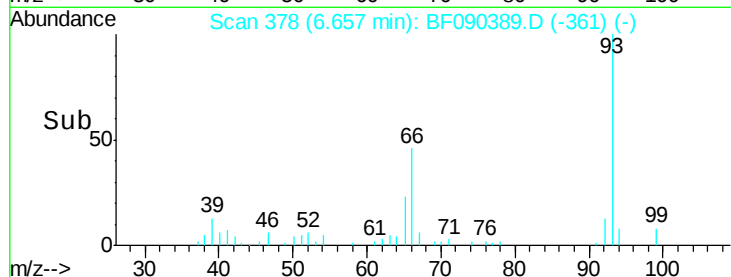
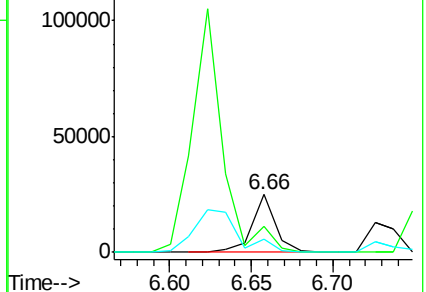
65 22.6 18.2 27.2



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: 112.31 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

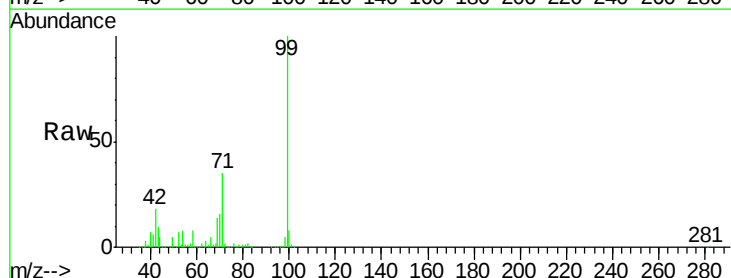
Tgt Ion: 99 Resp: 2403588

Ion Ratio Lower Upper

99 100

42 18.4 20.0 30.0#

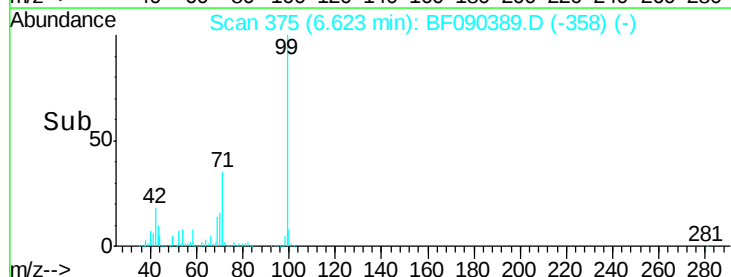
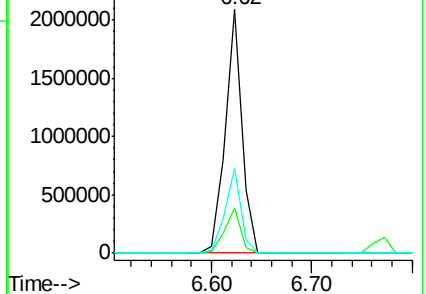
71 34.7 27.9 41.9

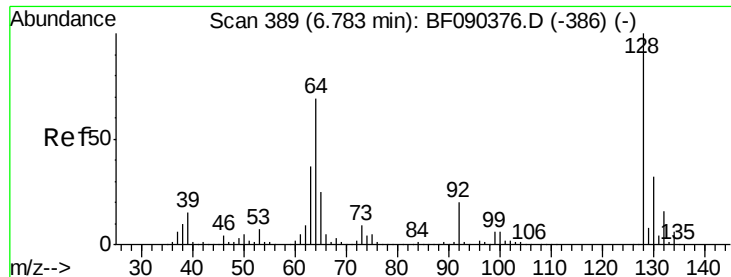


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 1.14 ng

RT: 6.78 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

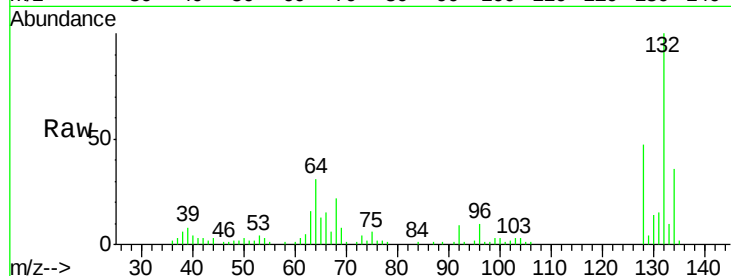
Tgt Ion:128 Resp: 20447

Ion Ratio Lower Upper

128 100

130 30.7 13.3 53.3

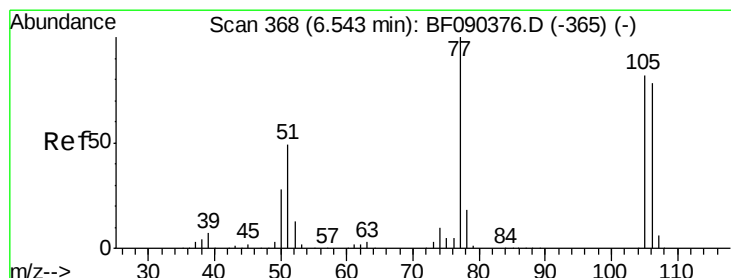
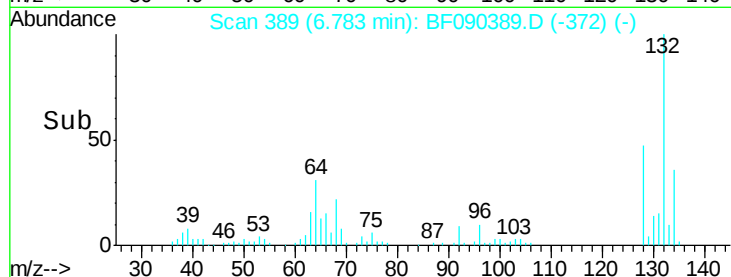
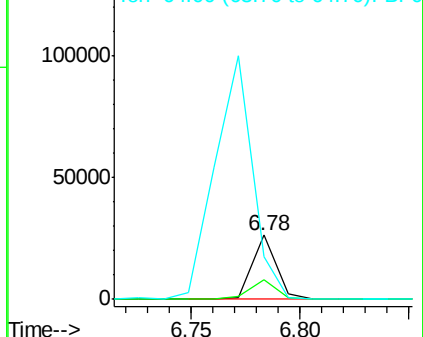
64 66.4 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.98 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

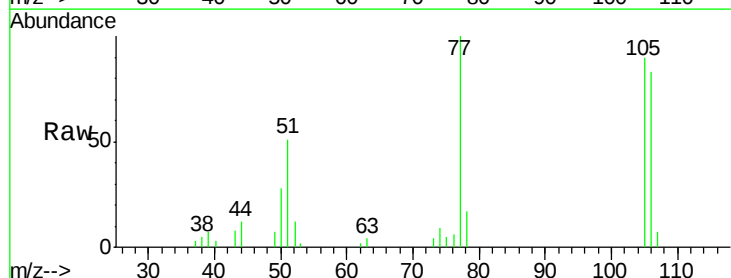
Tgt Ion: 77 Resp: 10653

Ion Ratio Lower Upper

77 100

105 90.4 73.1 113.1

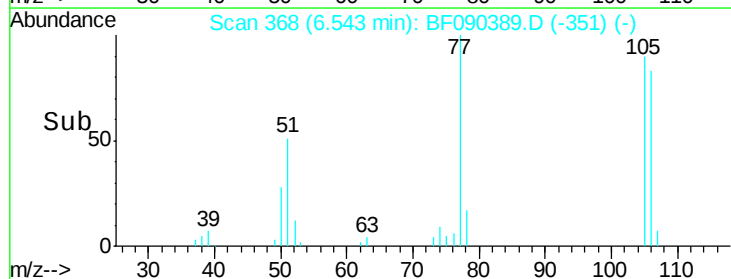
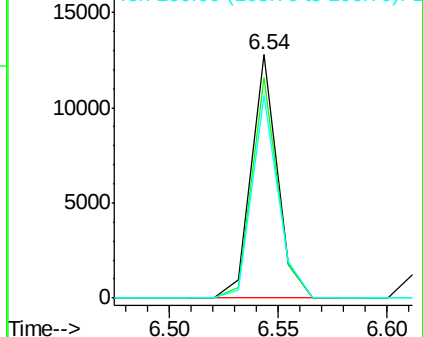
106 83.1 70.2 110.2

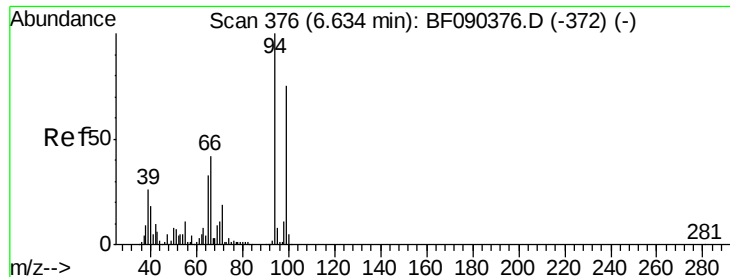


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.30 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

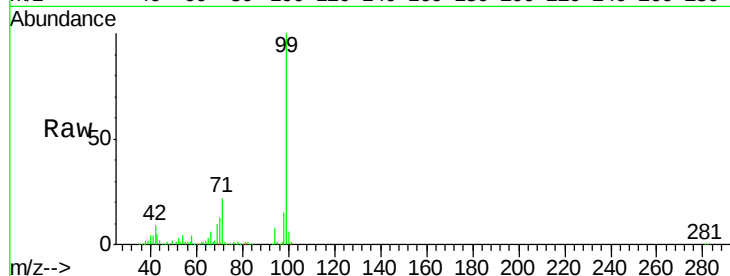
Tgt Ion: 94 Resp: 32374

Ion Ratio Lower Upper

94 100

65 41.4 13.3 53.3

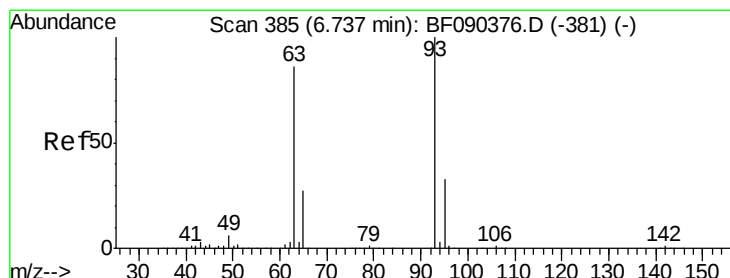
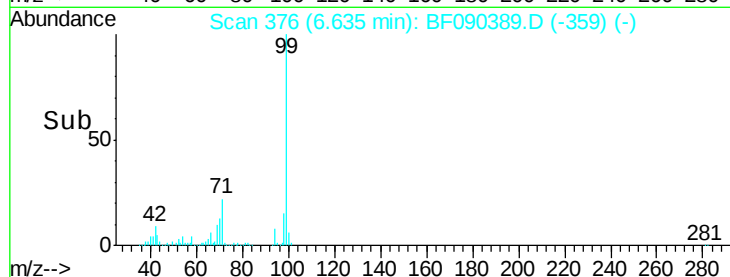
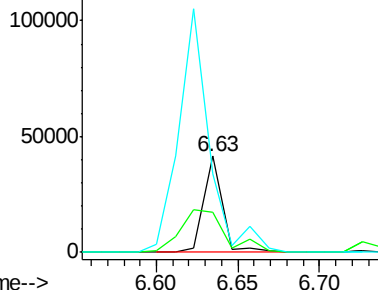
66 81.8 20.4 60.4#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.85 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

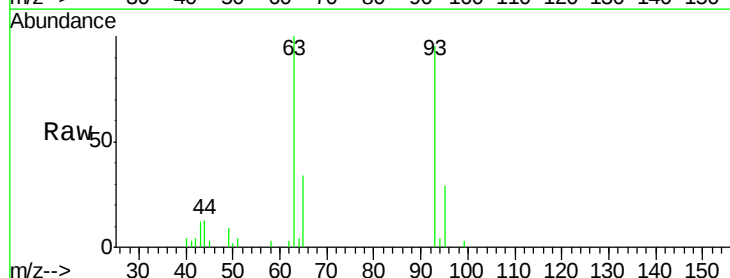
Tgt Ion: 93 Resp: 16171

Ion Ratio Lower Upper

93 100

63 105.0 59.7 99.7#

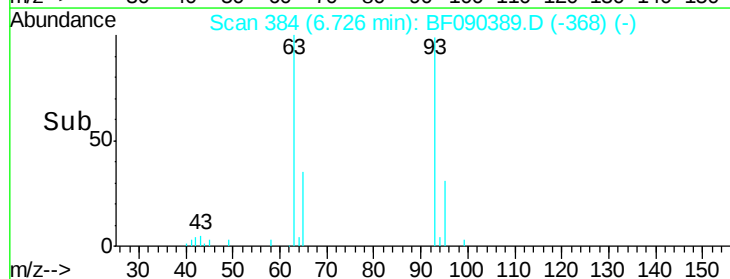
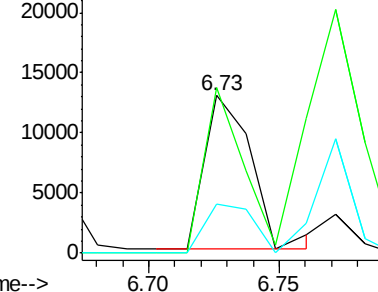
95 30.9 14.0 54.0

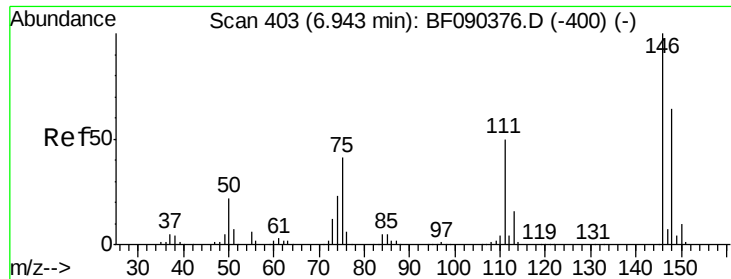


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

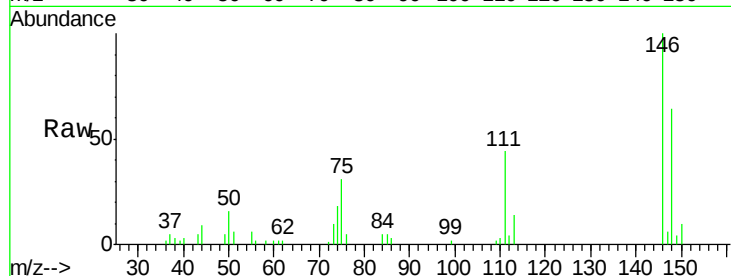




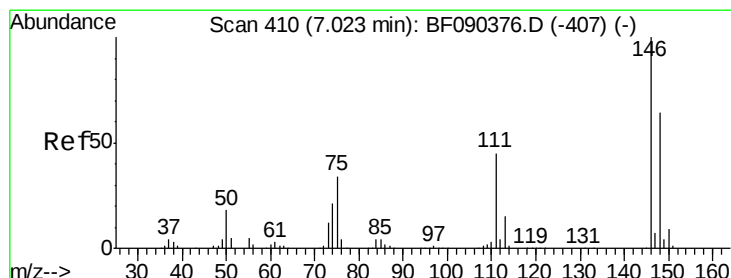
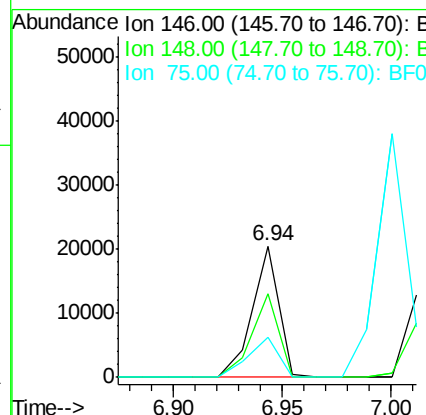
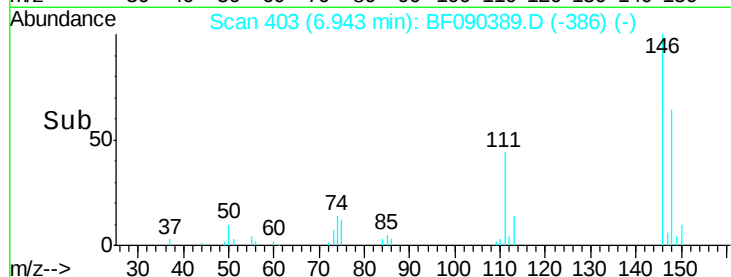
#12
 1,3-Dichlorobenzene
 Concen: 0.96 ng
 RT: 6.94 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:146 Resp: 17242
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 75 30.8 21.4 32.2

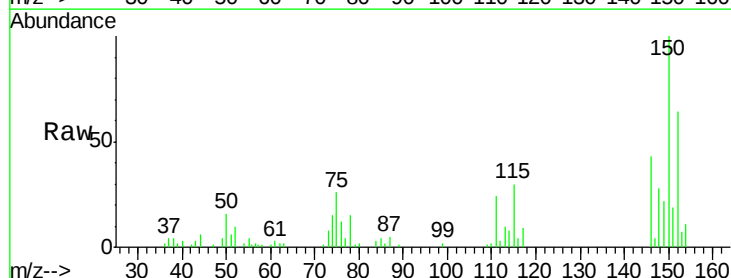


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

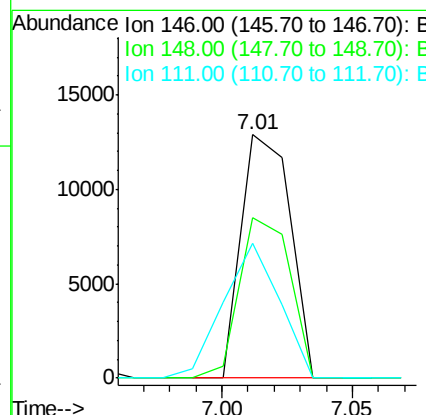
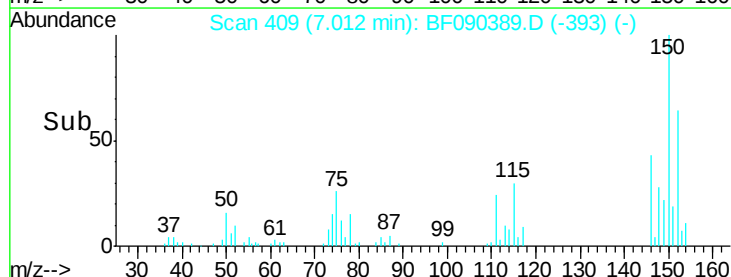


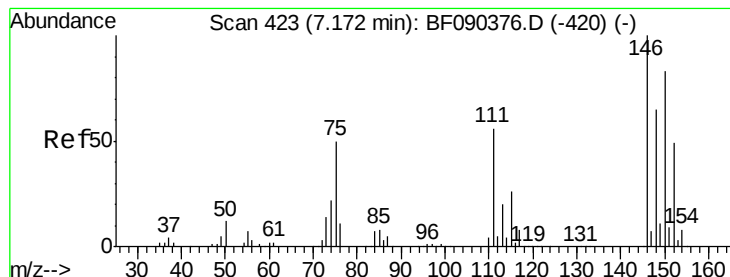
#13
 1,4-Dichlorobenzene
 Concen: 0.93 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:146 Resp: 16865
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 55.3 37.8 56.6



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

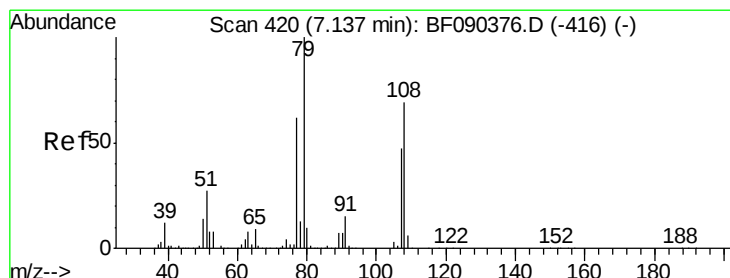
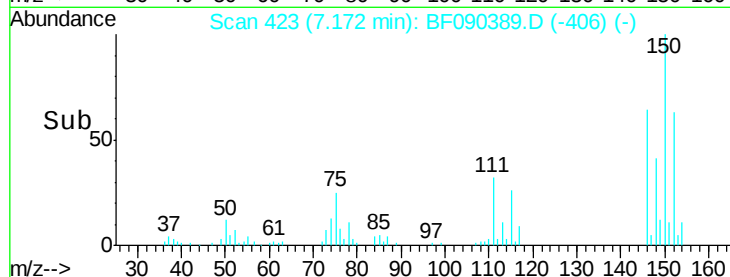
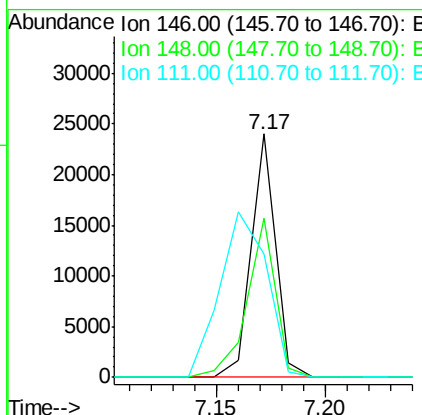
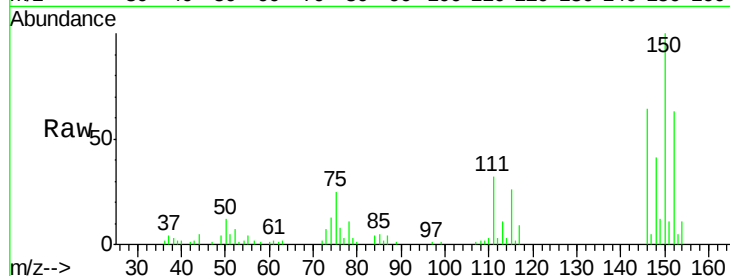




#14
 1,2-Dichlorobenzene
 Concen: 1.06 ng
 RT: 7.17 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

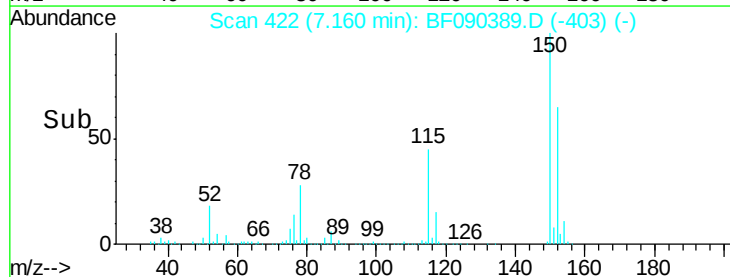
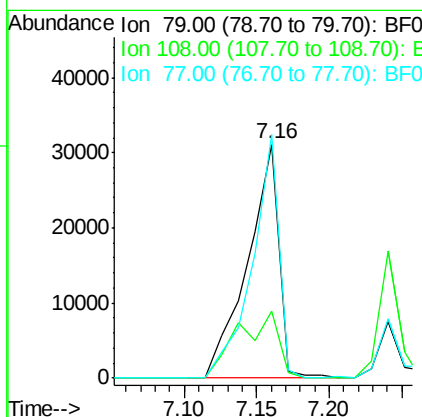
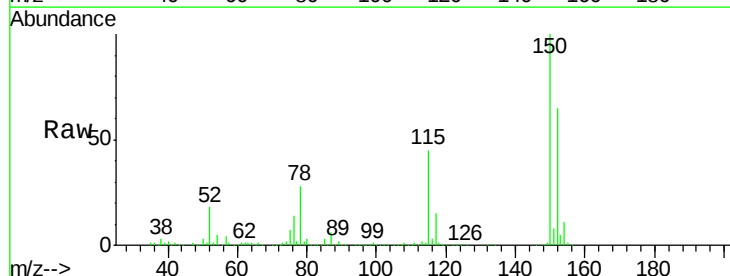
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

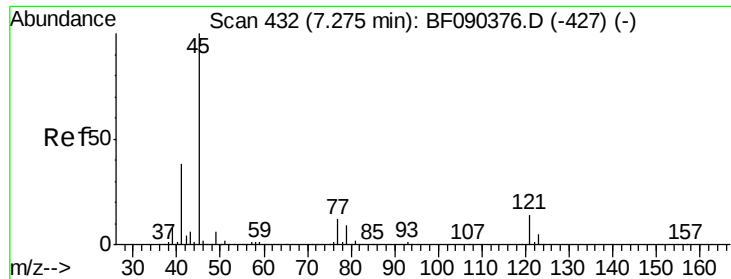
Tgt Ion: 146 Resp: 18619
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 50.5 38.2 57.4



#15
 Benzyl Alcohol
 Concen: 2.88 ng
 RT: 7.16 min Scan# 422
 Delta R.T. 0.02 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion: 79 Resp: 46818
 Ion Ratio Lower Upper
 79 100
 108 28.9 60.9 91.3#
 77 104.2 51.5 77.3#

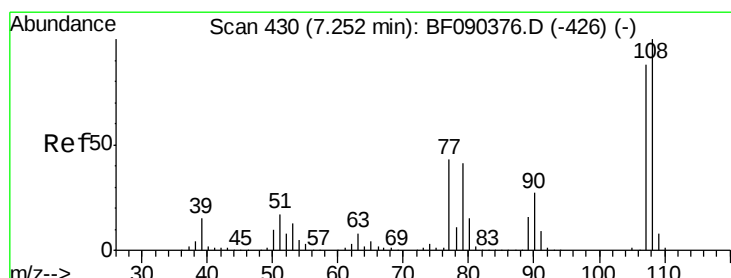
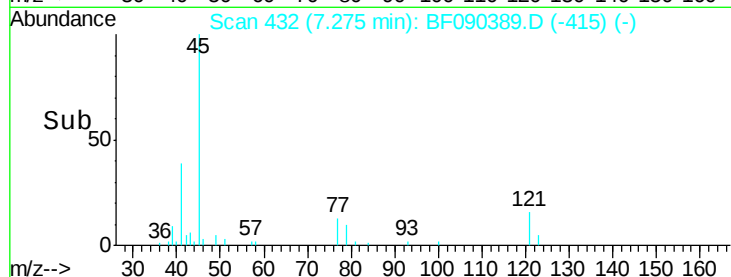
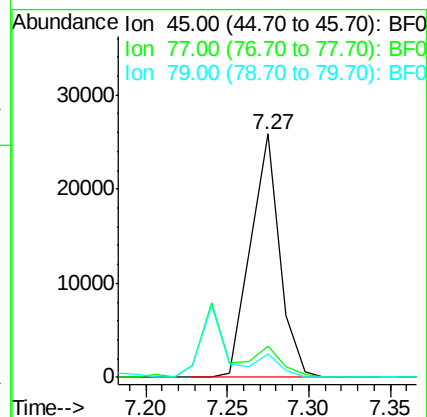
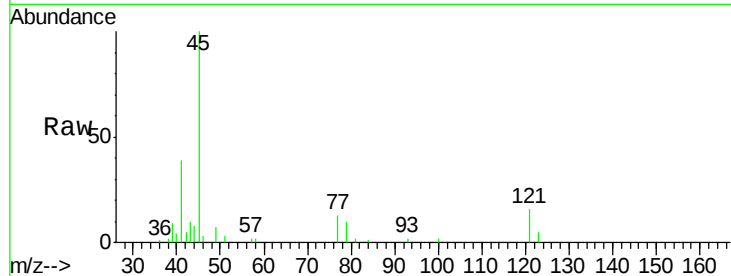




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.99 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

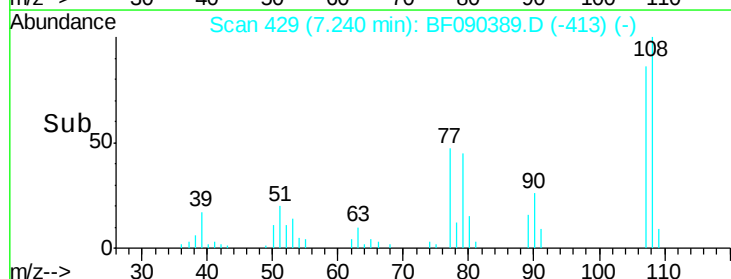
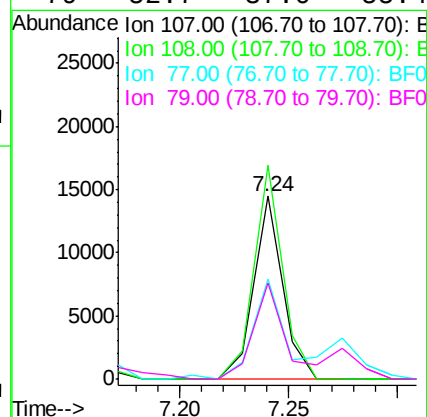
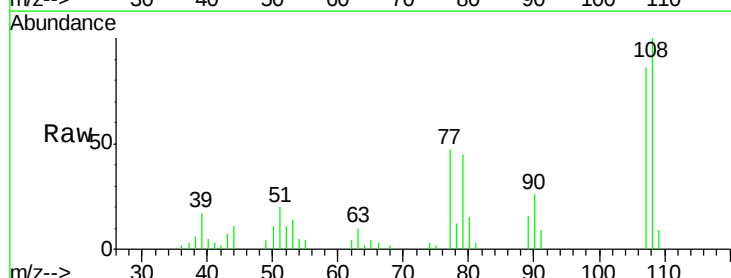
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

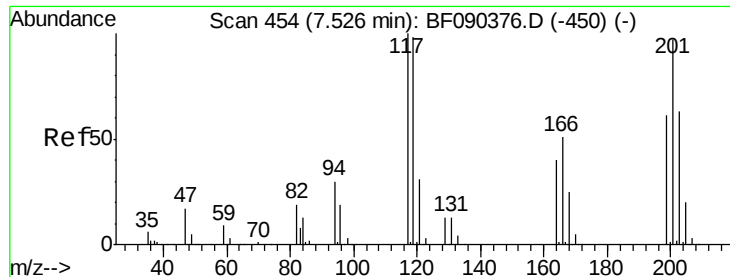
Tgt Ion: 45 Resp: 32013
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.8
79 9.6 0.0 28.2



#17
2-Methylphenol
Concen: 0.90 ng
RT: 7.24 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 107 Resp: 13358
Ion Ratio Lower Upper
107 100
108 116.9 90.9 136.3
77 54.6 38.2 57.4
79 52.7 37.0 55.4

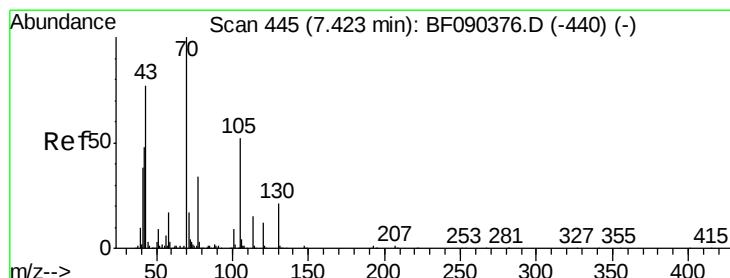
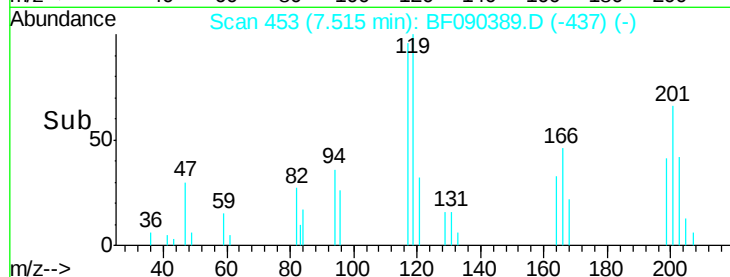
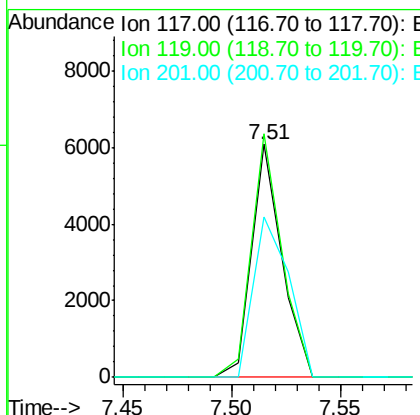
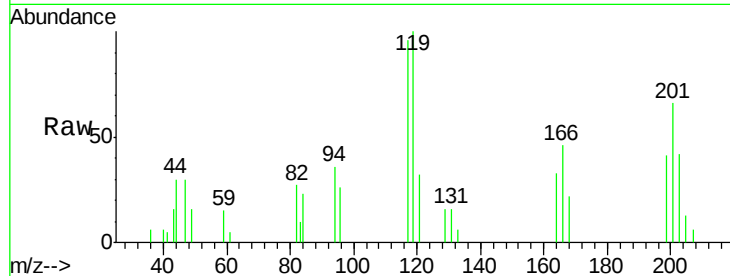




#18
Hexachloroethane
Concen: 0.82 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

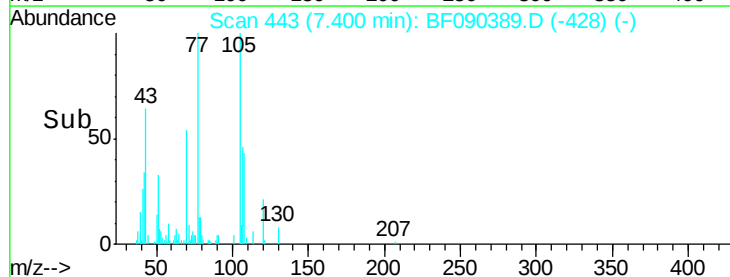
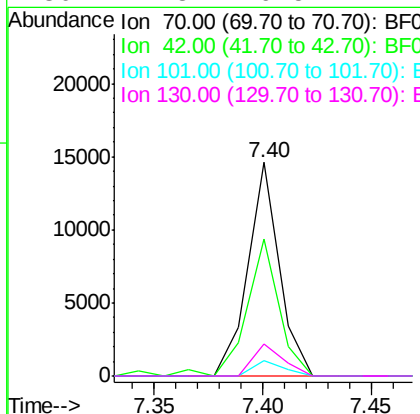
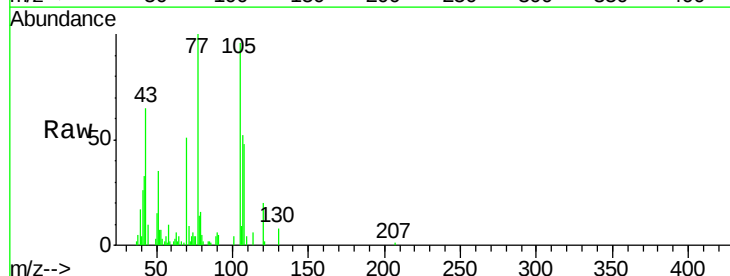
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

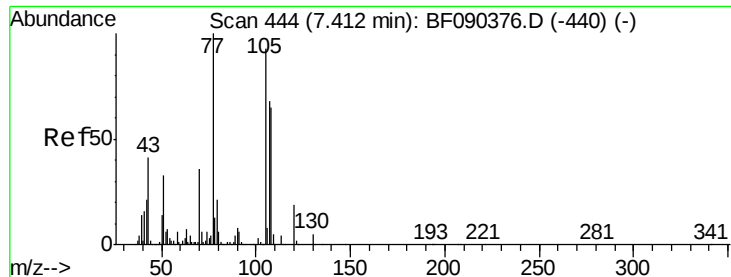
Tgt Ion: 117 Resp: 5871
Ion Ratio Lower Upper
117 100
119 104.4 75.9 113.9
201 68.7 66.5 99.7



#19
n-Nitroso-di-n-propylamine
Concen: 0.93 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 70 Resp: 14638
Ion Ratio Lower Upper
70 100
42 63.9 55.4 83.2
101 7.1 7.6 11.4#
130 14.8 16.5 24.7#





#20

3+4-Methylphenols

Concen: 0.97 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

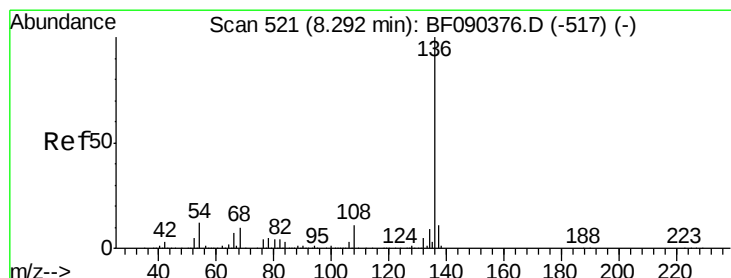
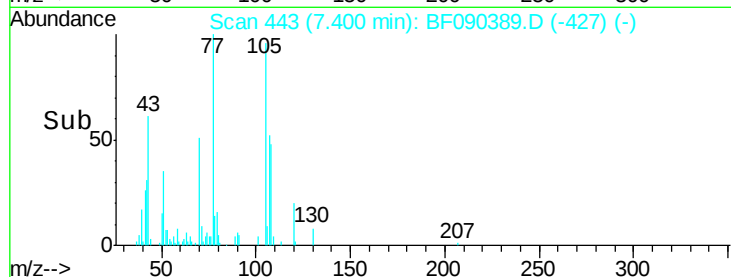
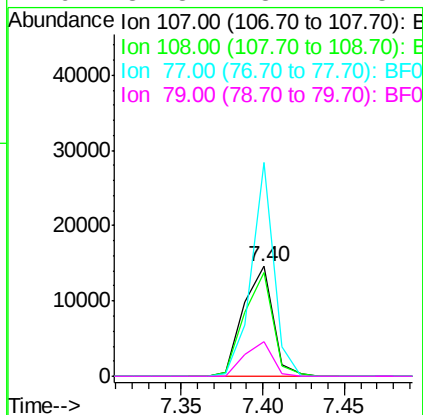
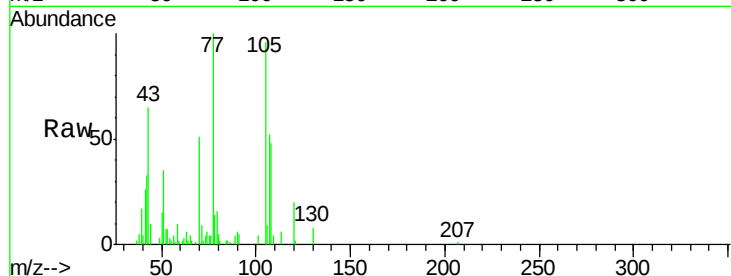
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:	107	Resp:	18482
Ion	Ratio	Lower	Upper
107	100		
108	94.0	66.7	106.7
77	194.1	53.7	93.7#
79	31.8	8.4	48.4



#21

Naphthalene-d8

Concen: 20.00 ng

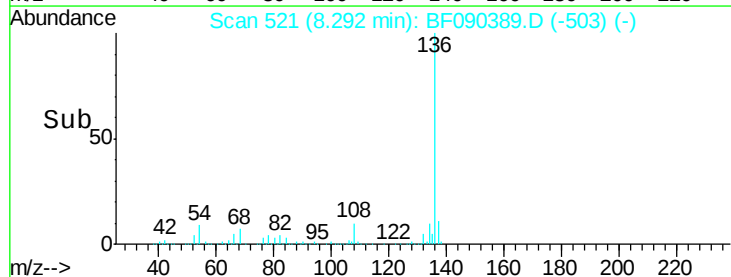
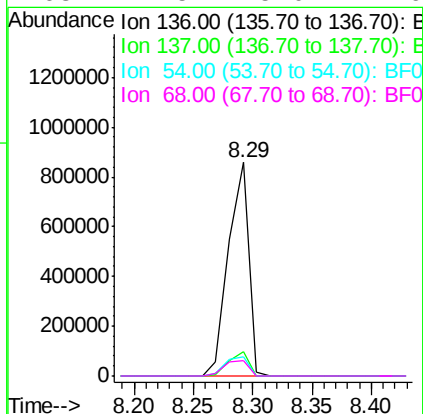
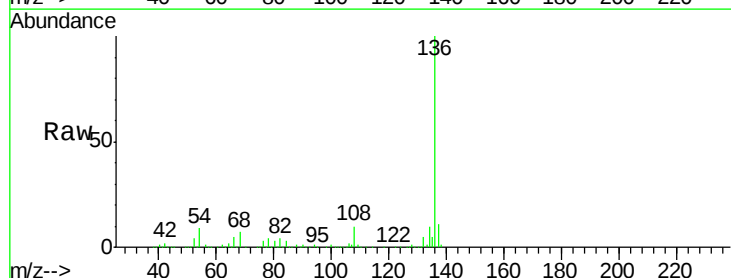
RT: 8.29 min Scan# 521

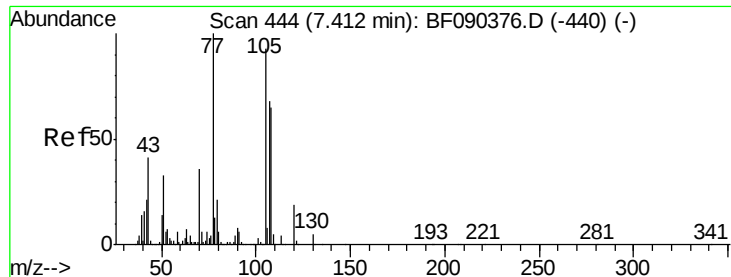
Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Tgt Ion:	136	Resp:	1017043
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.7	6.6	10.0
68	7.5	5.0	7.6





#22

Acetophenone

Concen: 1.02 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090389.D

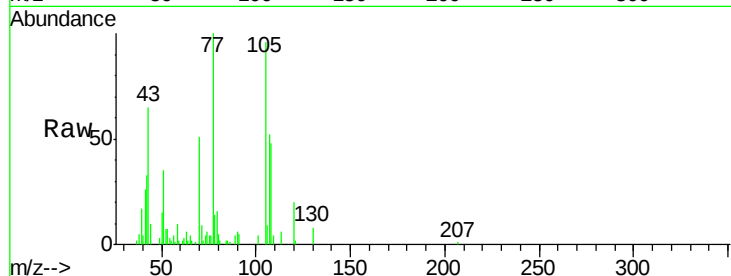
Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4



Tgt Ion: 105 Resp: 24590

Ion Ratio Lower Upper

105 100

71 9.4 3.8 5.6#

51 36.2 28.2 42.4

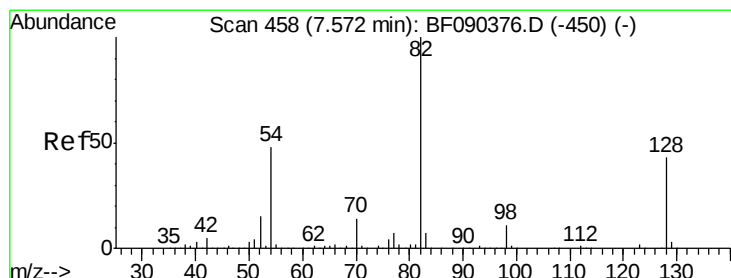
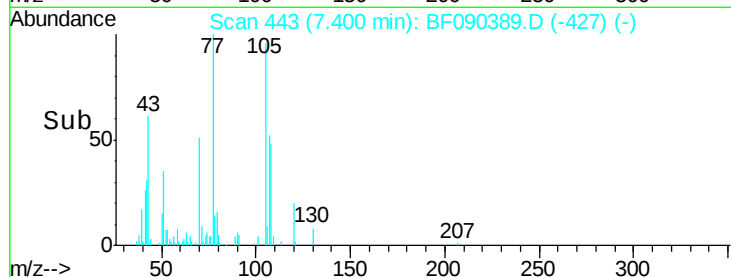
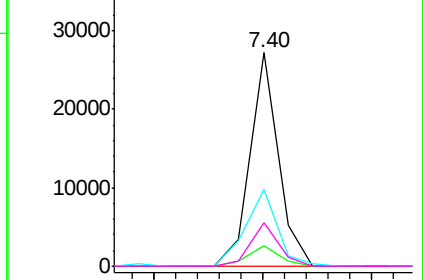
120 20.7 17.4 26.2

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.22 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Tgt Ion: 82 Resp: 1677304

Ion Ratio Lower Upper

82 100

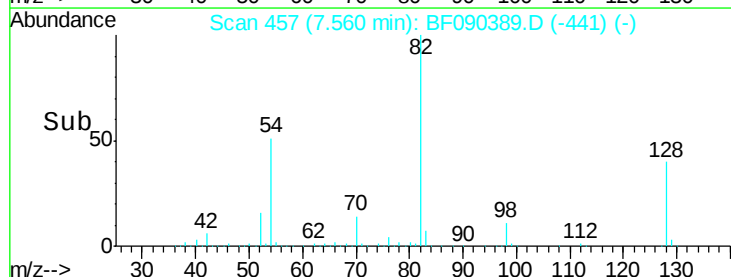
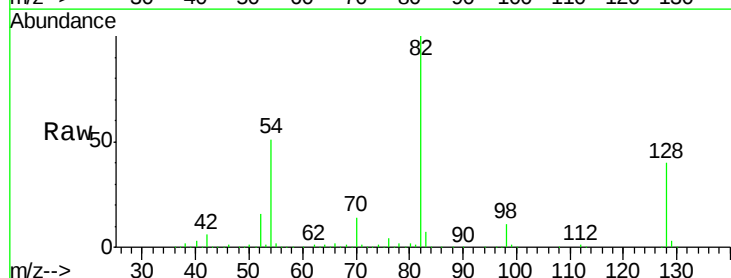
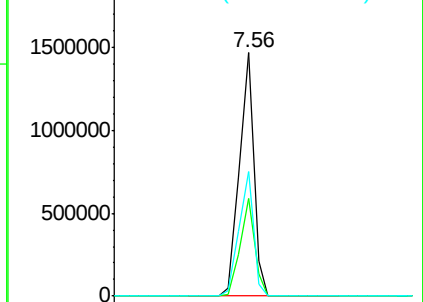
128 39.9 40.0 60.0#

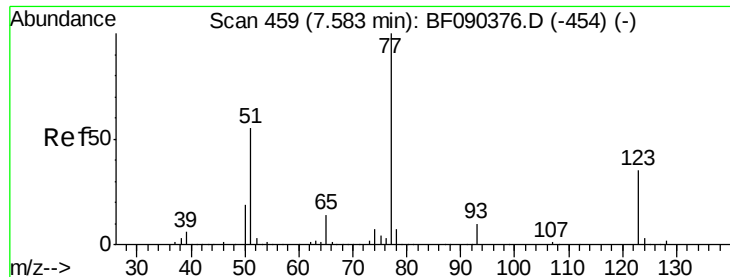
54 51.2 42.6 64.0

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

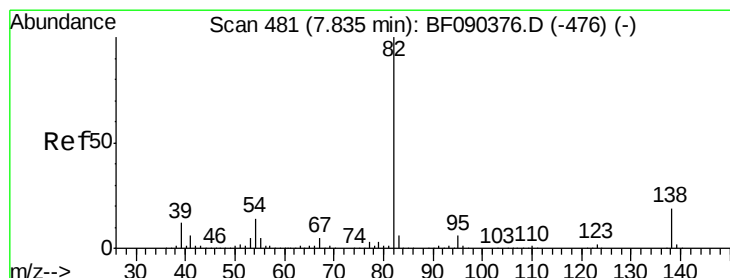
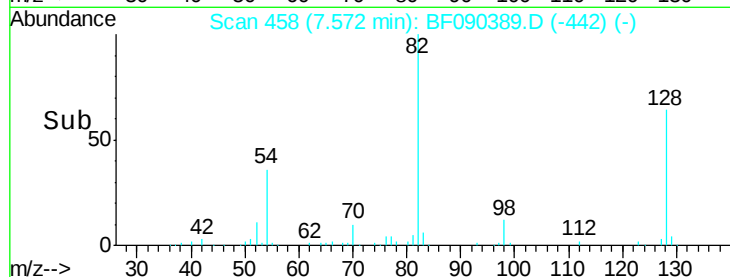
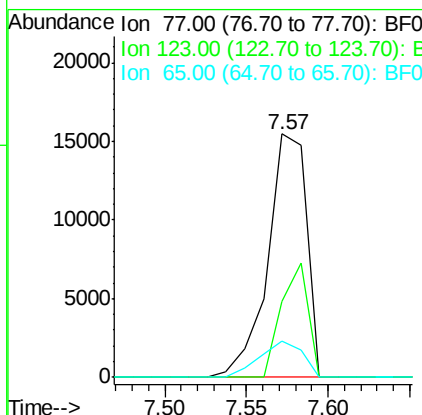
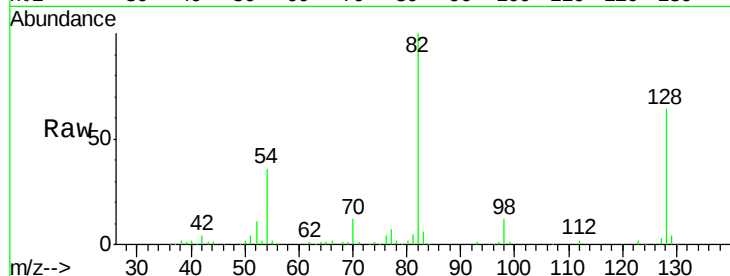




#24
Nitrobenzene
Concen: 1.24 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

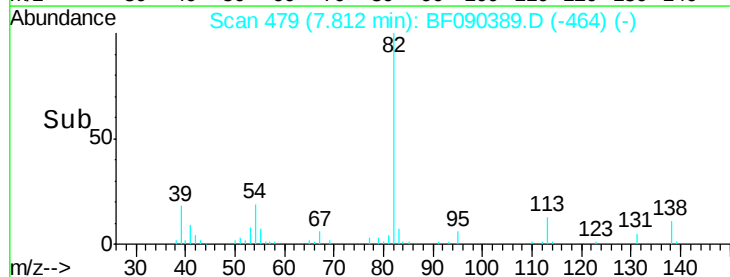
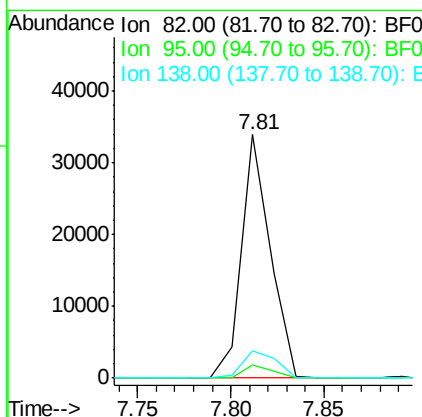
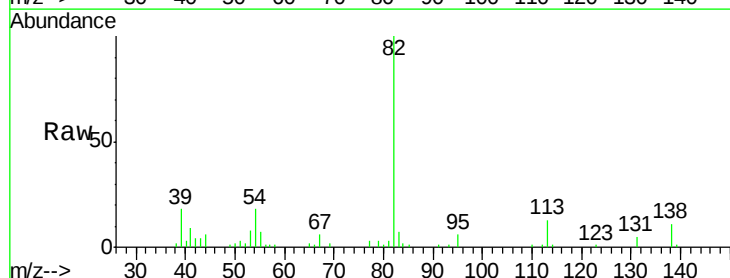
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

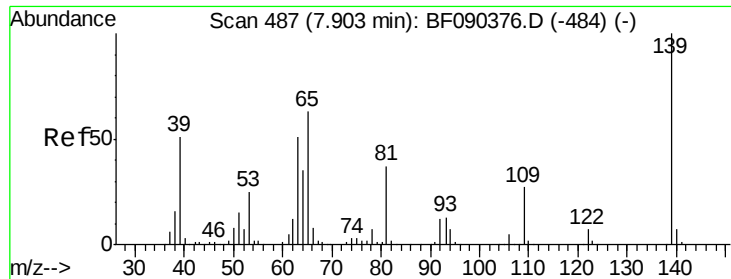
Tgt Ion: 77 Resp: 25673
Ion Ratio Lower Upper
77 100
123 31.1 33.0 49.4#
65 14.7 12.0 18.0



#25
Isophorone
Concen: 0.95 ng
RT: 7.81 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 82 Resp: 36477
Ion Ratio Lower Upper
82 100
95 5.7 5.2 7.8
138 11.0 13.0 19.4#

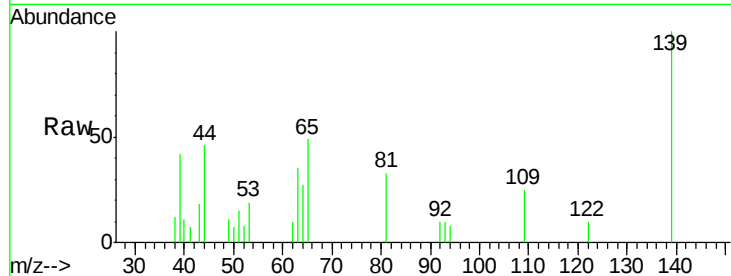




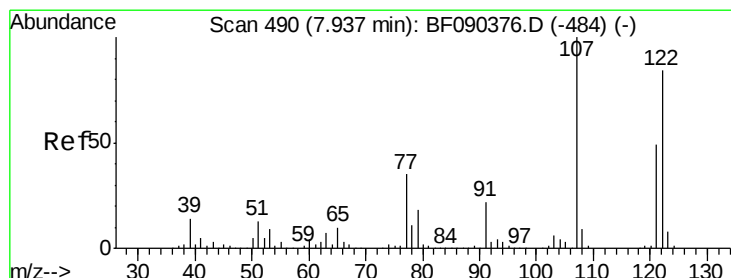
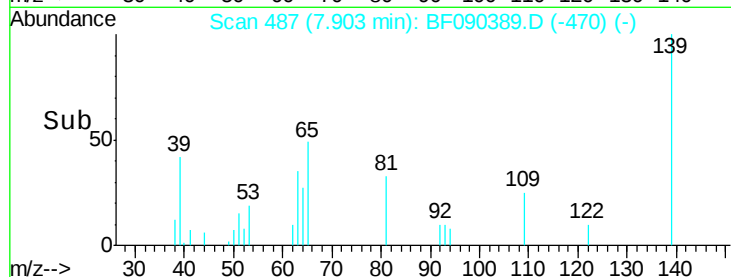
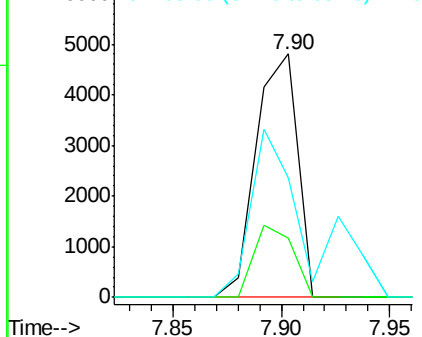
#26
2-Nitrophenol
Concen: 0.72 ng
RT: 7.90 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:139 Resp: 6423
Ion Ratio Lower Upper
139 100
109 24.6 18.9 28.3
65 49.2 31.6 47.4#

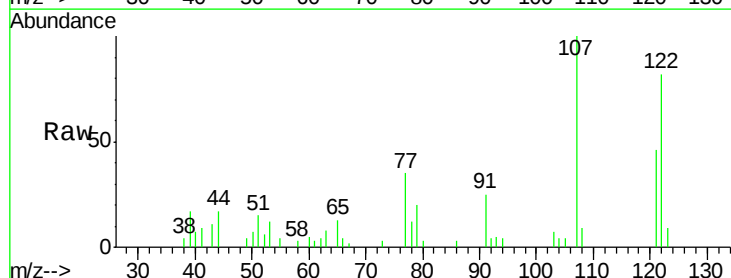


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

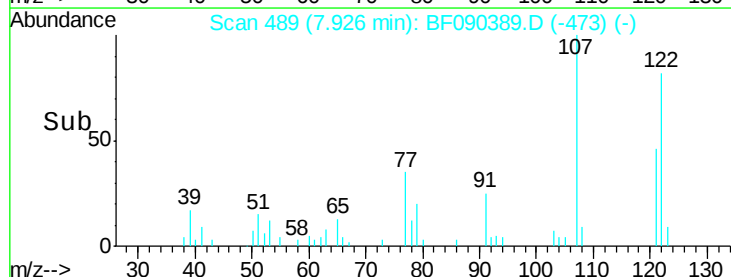
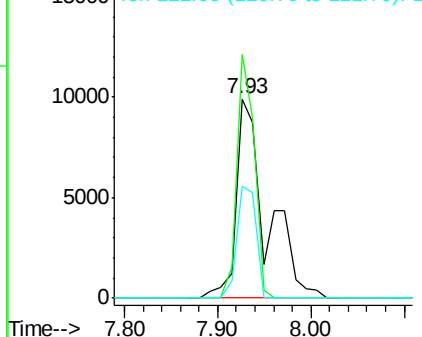


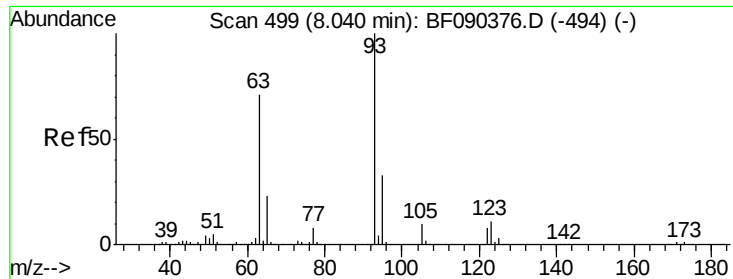
#27
2,4-Dimethylphenol
Concen: 1.30 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:122 Resp: 22579
Ion Ratio Lower Upper
122 100
107 122.4 88.6 132.8
121 55.9 47.5 71.3



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

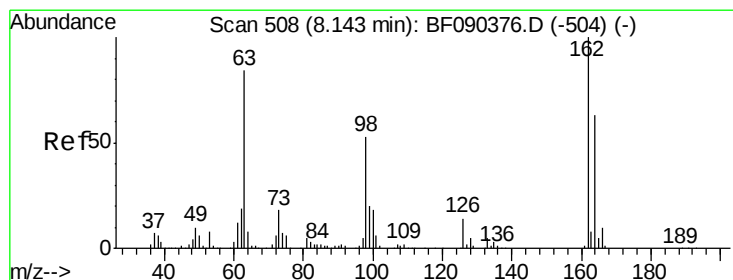
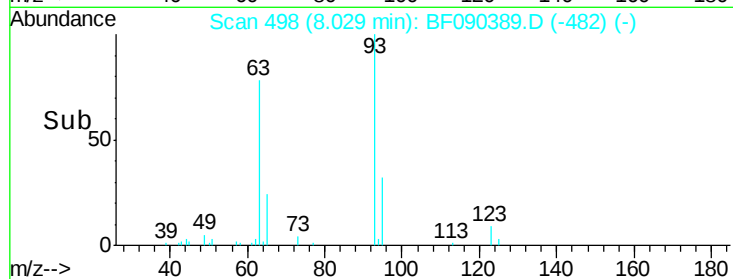
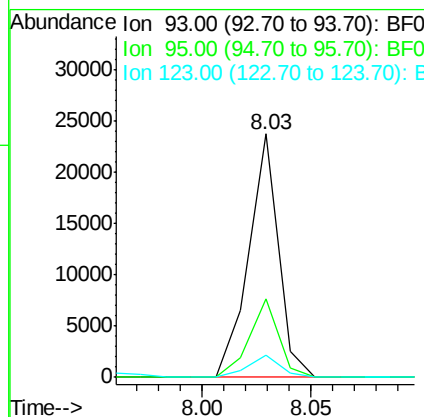
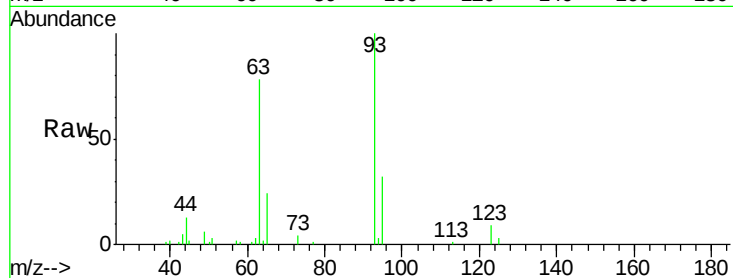




#28
bis(2-Chloroethoxy)methane
Concen: 1.00 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

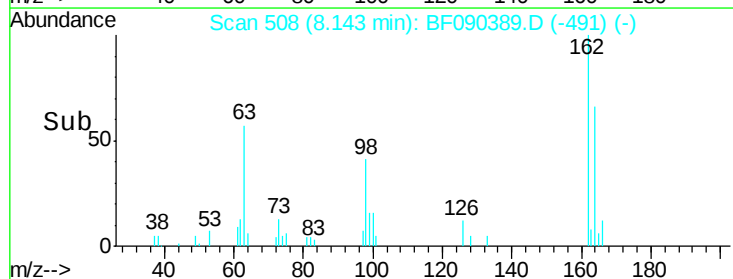
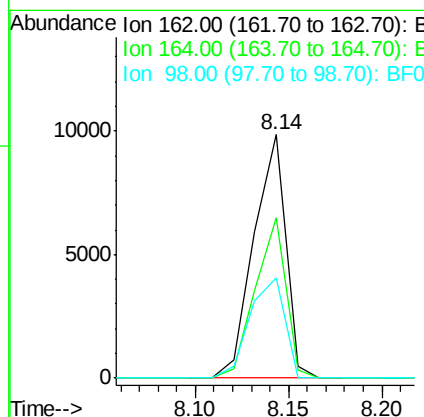
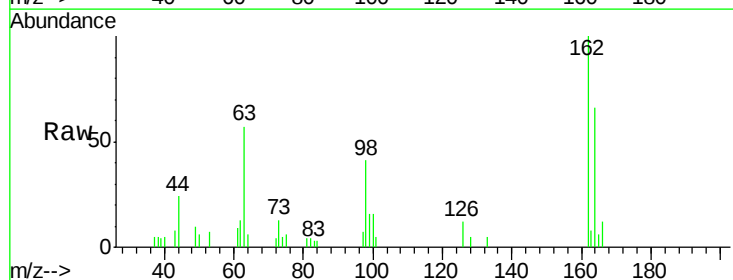
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

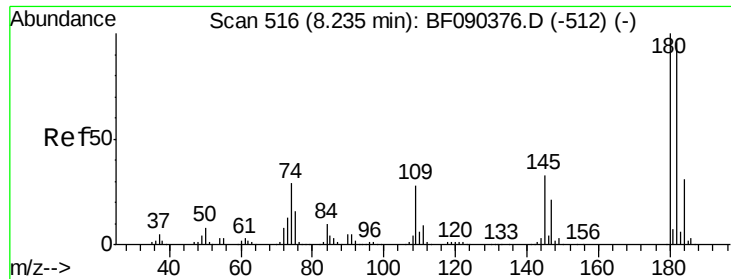
Tgt Ion: 93 Resp: 22522
Ion Ratio Lower Upper
93 100
95 32.2 27.0 40.4
123 9.2 11.1 16.7#



#29
2,4-Dichlorophenol
Concen: 0.88 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 162 Resp: 11638
Ion Ratio Lower Upper
162 100
164 65.8 45.7 85.7
98 41.0 13.3 53.3

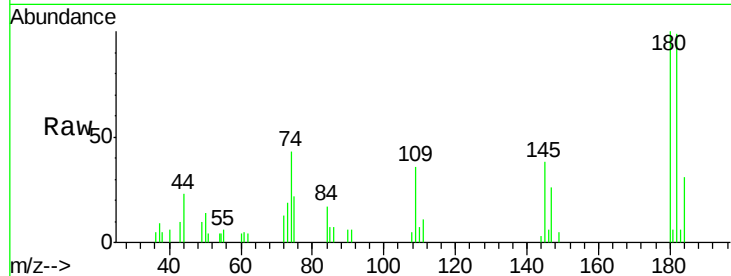




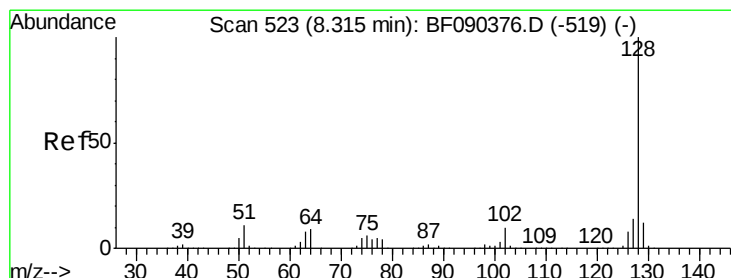
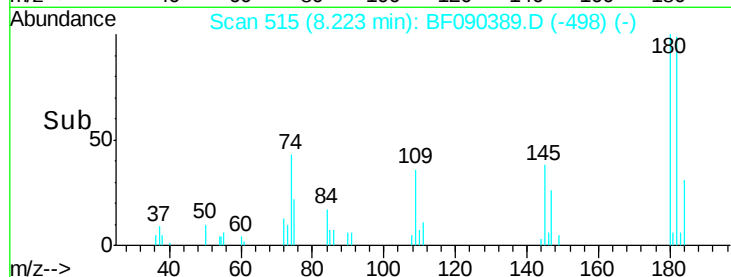
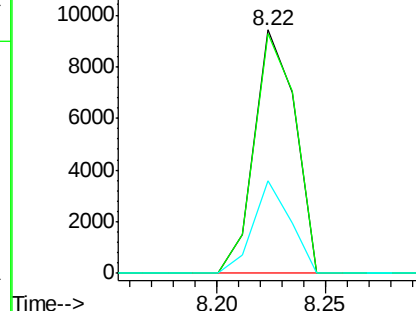
#30
 1,2,4-Trichlorobenzene
 Concen: 0.90 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:180 Resp: 12286
 Ion Ratio Lower Upper
 180 100
 182 98.7 75.3 112.9
 145 38.2 27.7 41.5

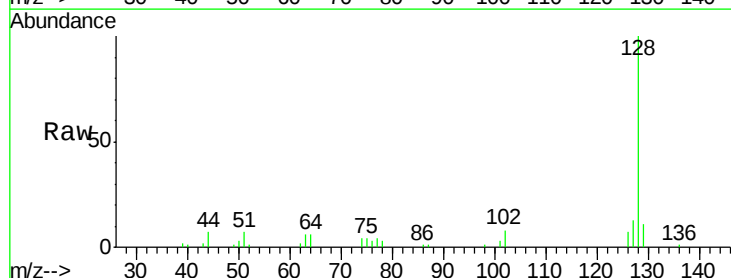


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

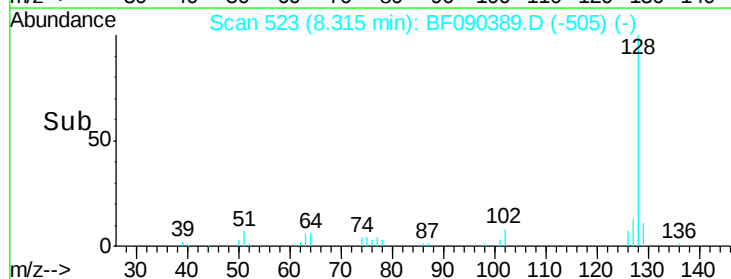
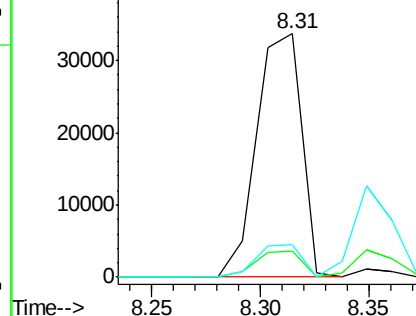


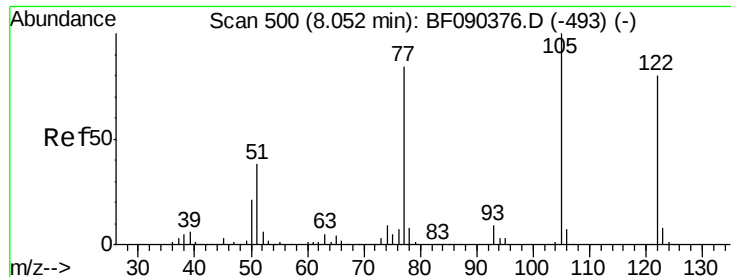
#31
 Naphthalene
 Concen: 1.00 ng
 RT: 8.31 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:128 Resp: 48830
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.7 14.5
 127 13.2 11.7 17.5



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

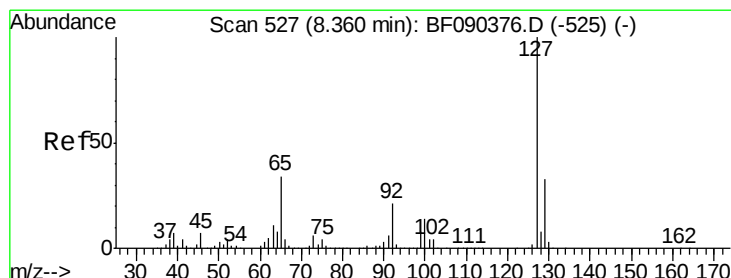
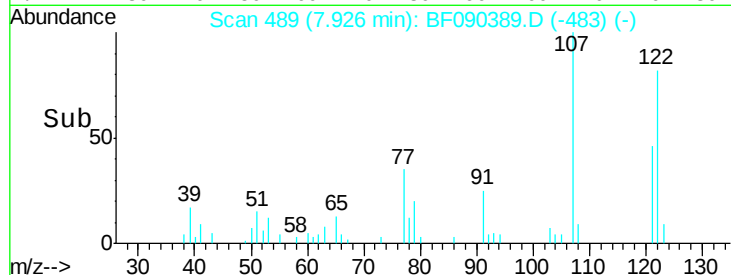
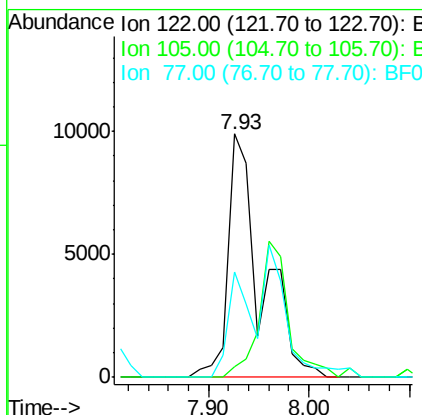
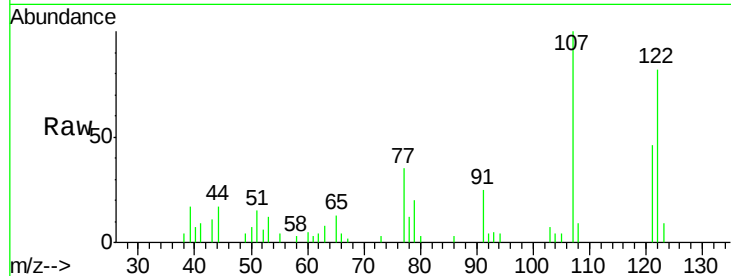




#32
Benzoic acid
Concen: 1.87 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.13 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

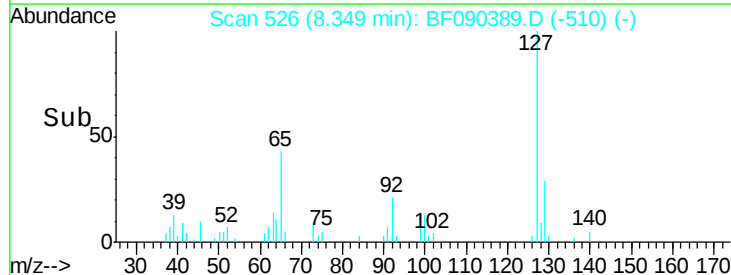
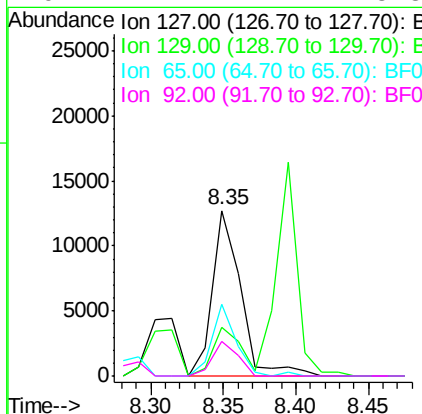
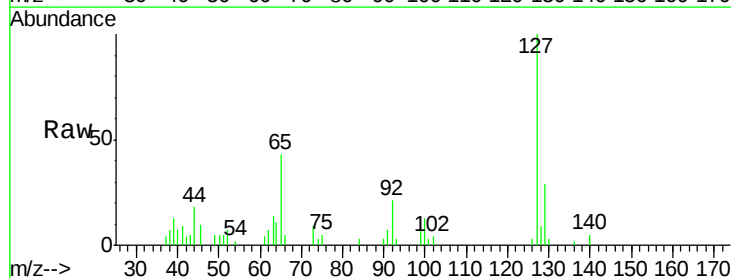
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

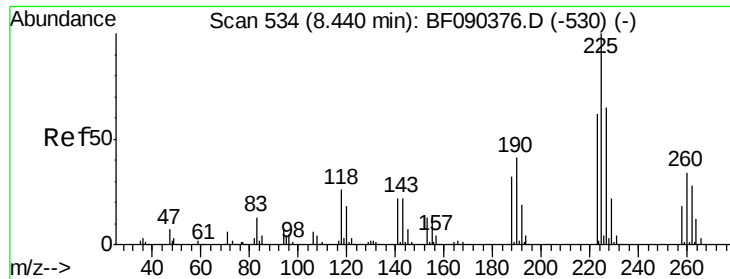
Tgt Ion:122 Resp: 22578
Ion Ratio Lower Upper
122 100
105 4.4 103.9 143.9#
77 43.3 74.6 114.6#



#33
4-Chloroaniline
Concen: 0.85 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:127 Resp: 17260
Ion Ratio Lower Upper
127 100
129 29.3 26.2 39.4
65 43.3 32.5 48.7
92 21.2 17.2 25.8

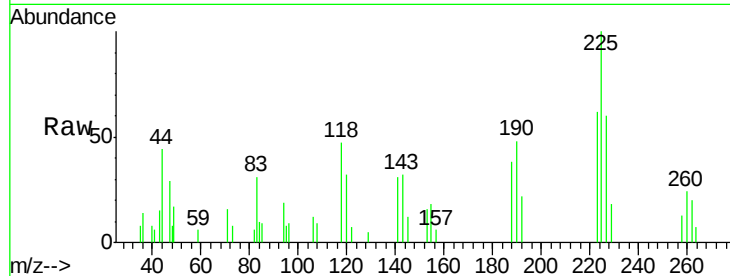




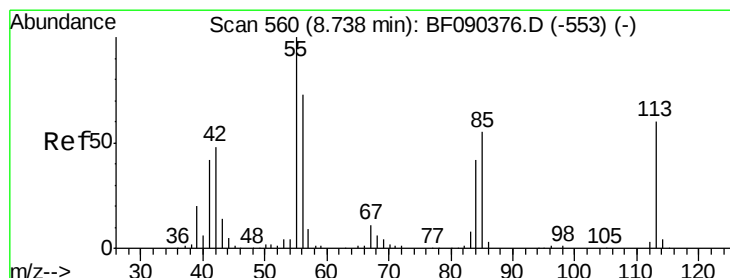
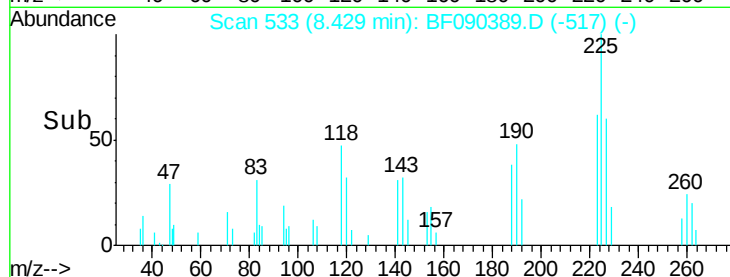
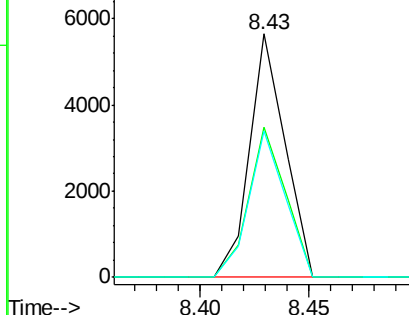
#34
Hexachlorobutadiene
Concen: 0.84 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:225 Resp: 6412
Ion Ratio Lower Upper
225 100
223 61.7 51.0 76.4
227 60.2 50.8 76.2

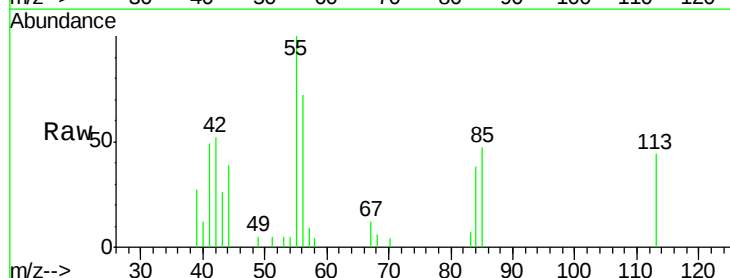


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

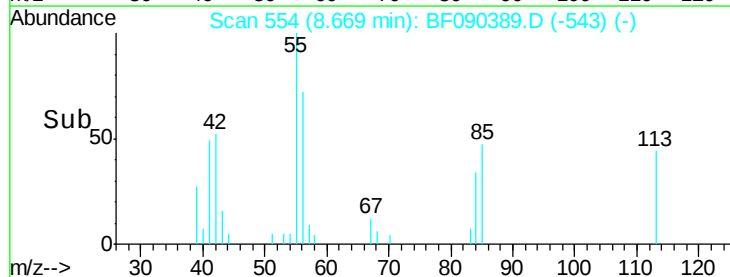
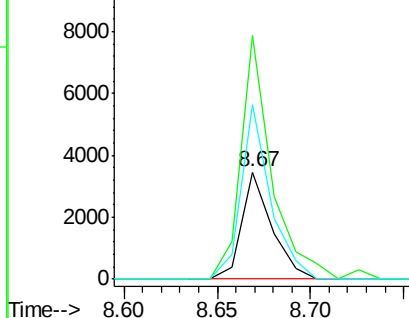


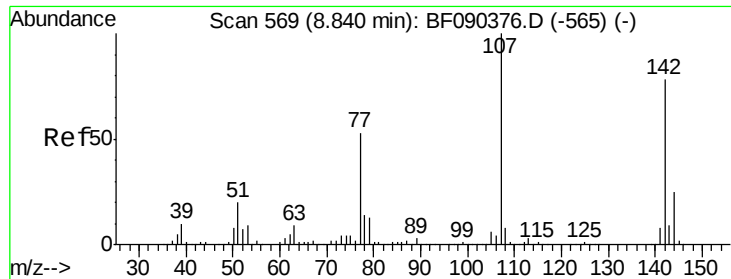
#35
Caprolactam
Concen: 0.87 ng
RT: 8.67 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:113 Resp: 3879
Ion Ratio Lower Upper
113 100
55 227.4 203.3 243.3
56 162.8 140.5 180.5



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

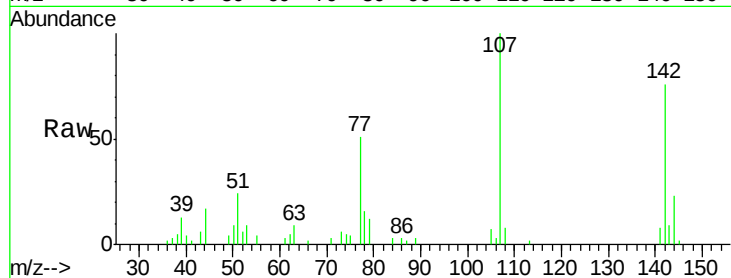




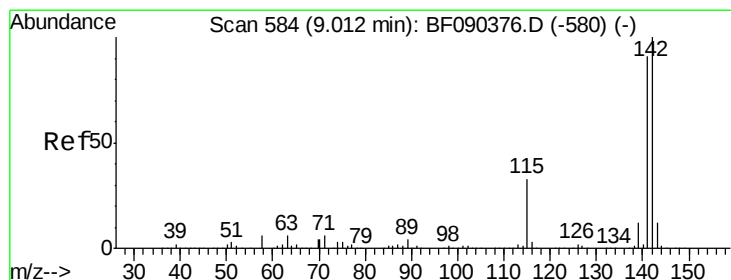
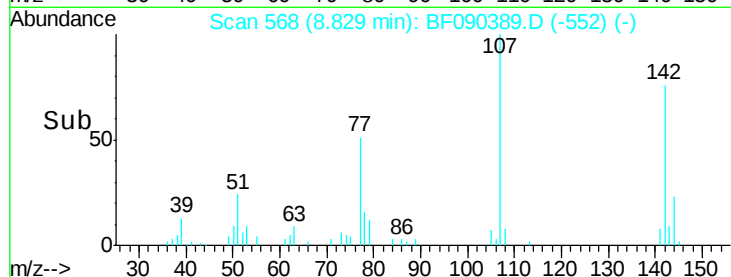
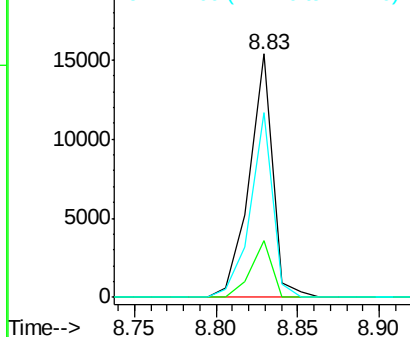
#36
4-Chloro-3-methylphenol
Concen: 0.93 ng
RT: 8.83 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:107 Resp: 15408
Ion Ratio Lower Upper
107 100
144 23.2 19.8 29.8
142 75.8 60.7 91.1

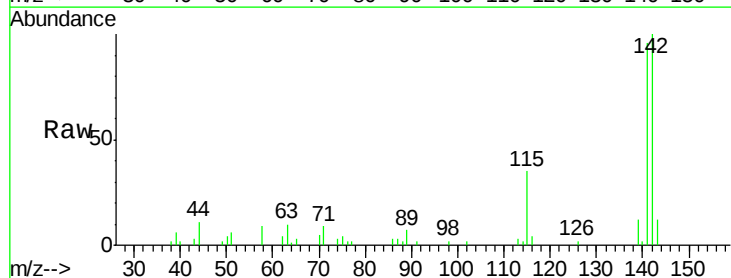


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

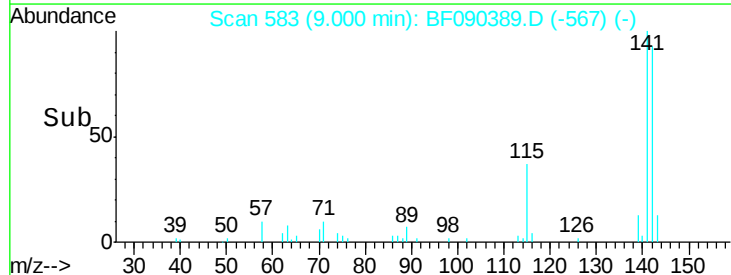
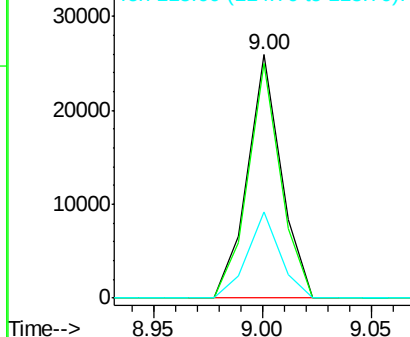


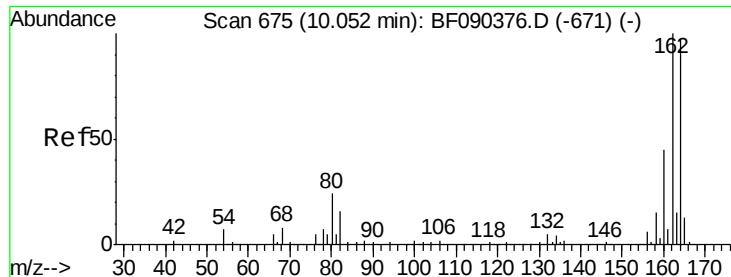
#37
2-Methylnaphthalene
Concen: 0.95 ng
RT: 9.00 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:142 Resp: 28108
Ion Ratio Lower Upper
142 100
141 96.2 71.8 107.8
115 35.4 28.8 43.2



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

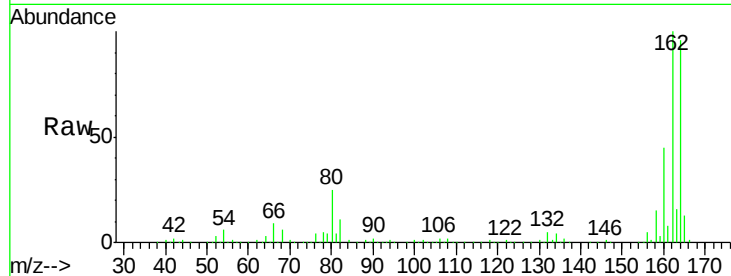




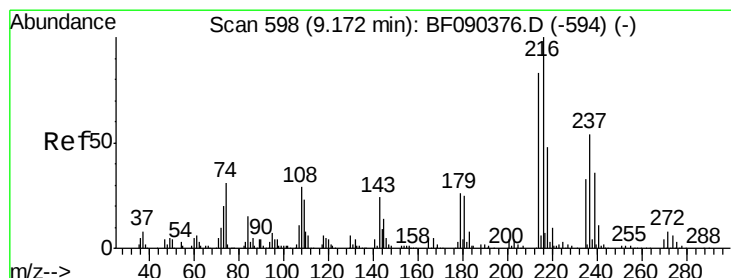
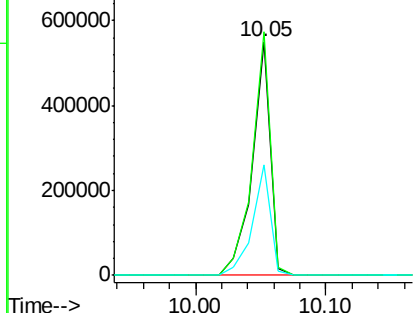
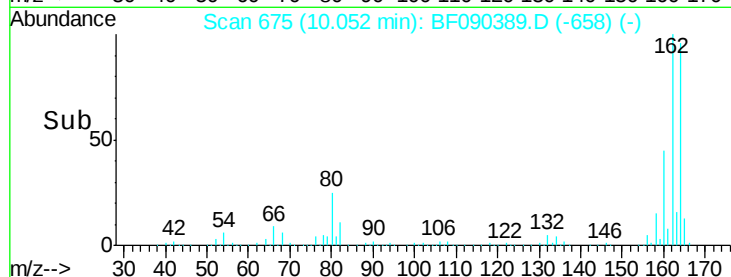
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:164 Resp: 529728
Ion Ratio Lower Upper
164 100
162 104.3 80.1 120.1
160 47.1 36.3 54.5

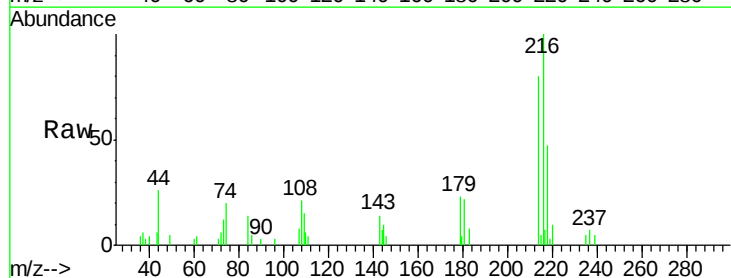


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

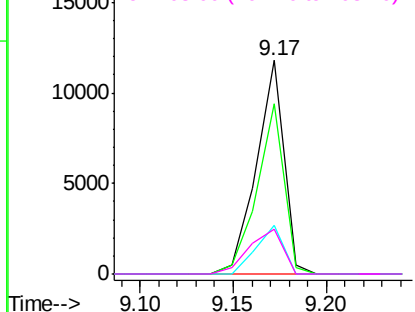
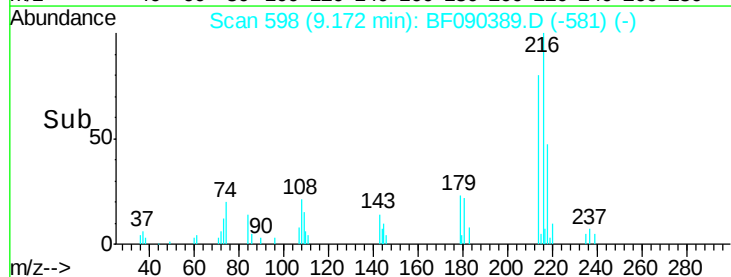


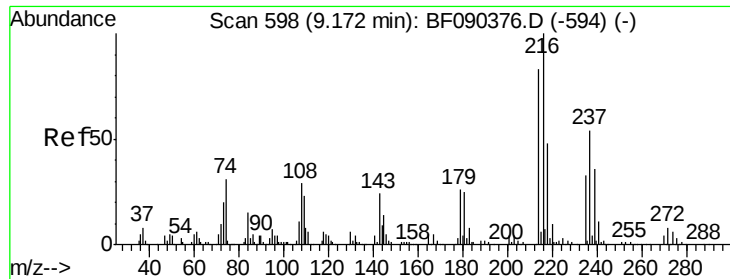
#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.86 ng
RT: 9.17 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:216 Resp: 11968
Ion Ratio Lower Upper
216 100
214 78.5 64.2 96.2
179 22.3 18.0 27.0
108 25.9 15.2 22.8#



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

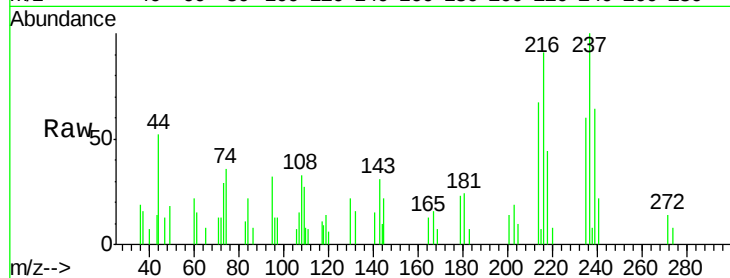




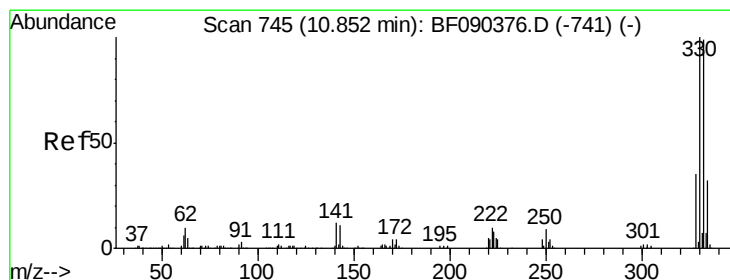
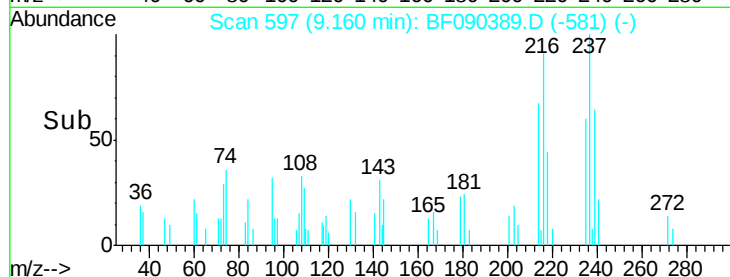
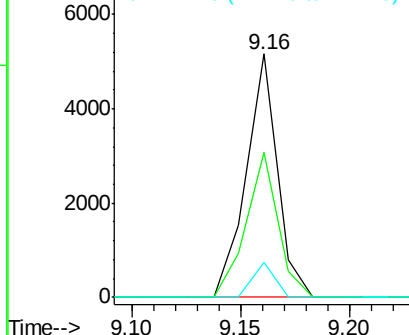
#40
Hexachlorocyclopentadiene
Concen: 0.67 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 237 Resp: 5139
Ion Ratio Lower Upper
237 100
235 59.6 43.6 83.6
272 14.1 0.0 32.7

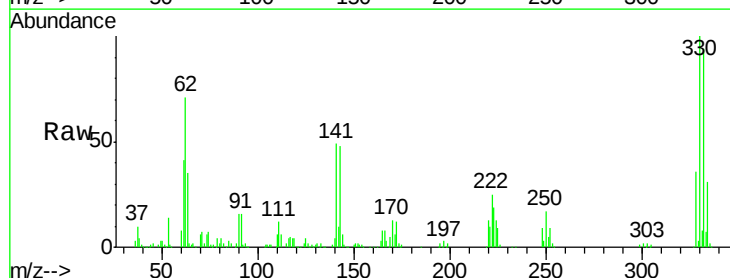


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

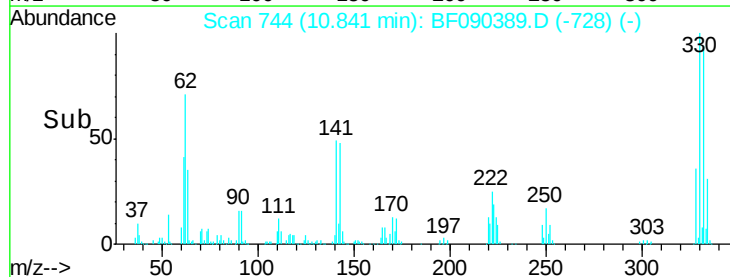
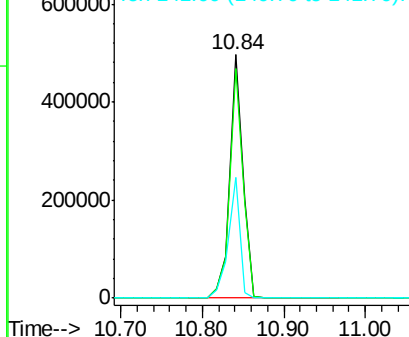


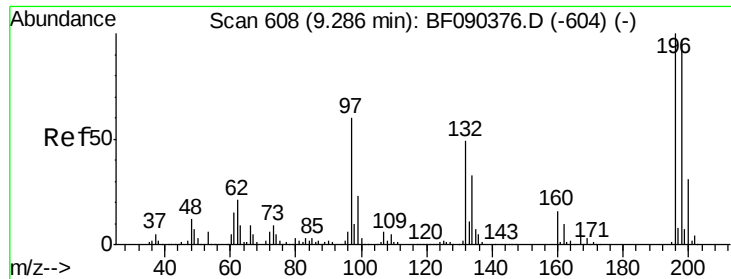
#41
2,4,6-Tribromophenol
Concen: 129.42 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 330 Resp: 557446
Ion Ratio Lower Upper
330 100
332 95.2 75.4 113.0
141 43.7 26.9 40.3#



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

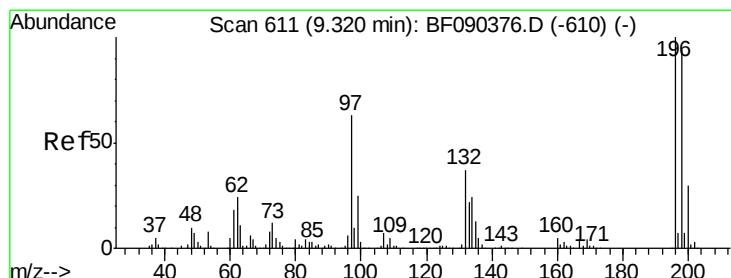
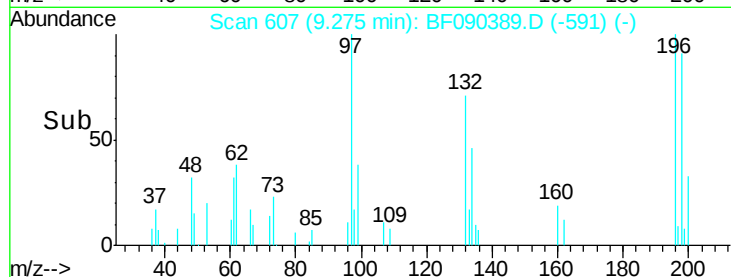
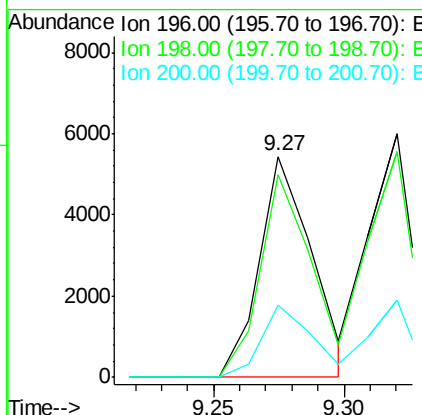
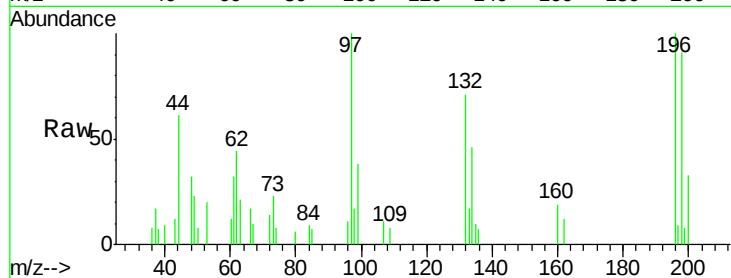




#42
 2,4,6-Trichlorophenol
 Concen: 0.80 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

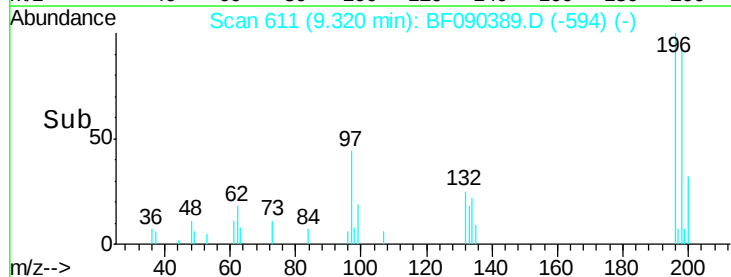
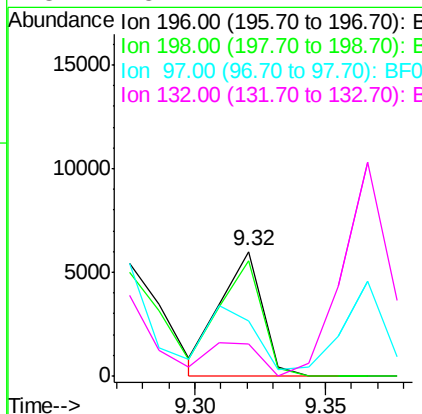
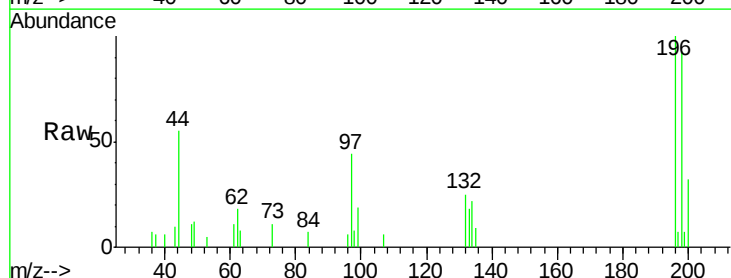
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

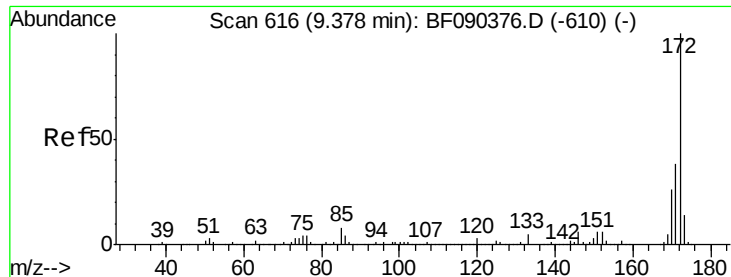
Tgt Ion:196 Resp: 7663
 Ion Ratio Lower Upper
 196 100
 198 91.4 78.9 118.3
 200 32.6 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 0.75 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:196 Resp: 6801
 Ion Ratio Lower Upper
 196 100
 198 92.7 78.1 117.1
 97 44.2 48.1 72.1#
 132 25.4 27.4 41.2#

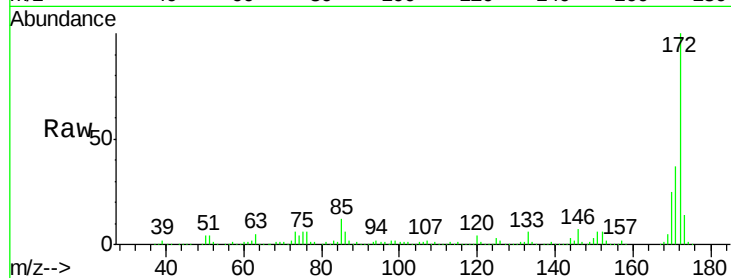




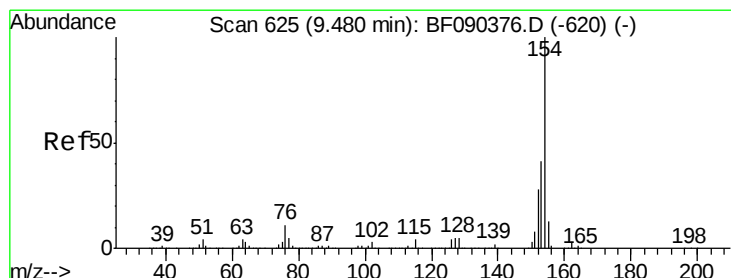
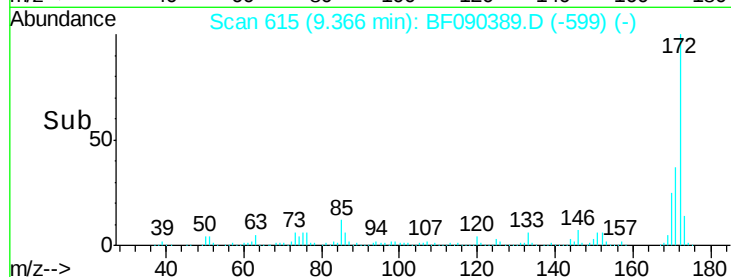
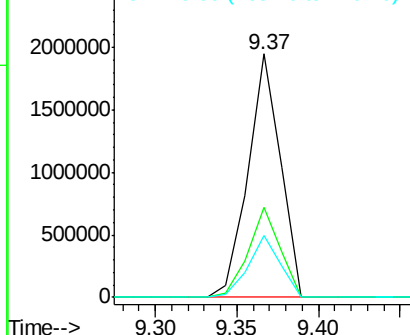
#44
 2-Fluorobiphenyl
 Concen: 84.00 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:172 Resp: 2670524
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.8 47.8
 170 25.4 21.7 32.5

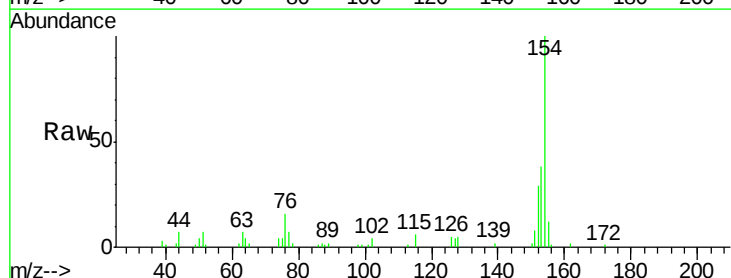


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

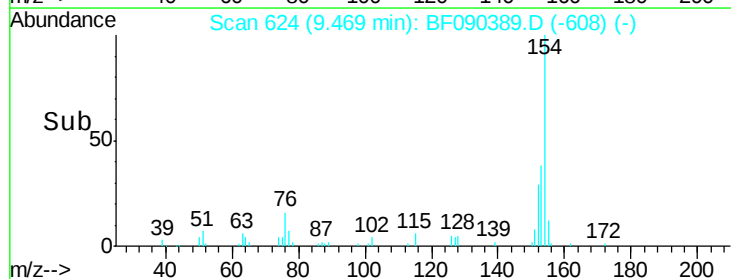
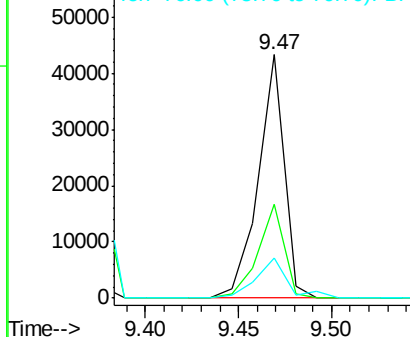


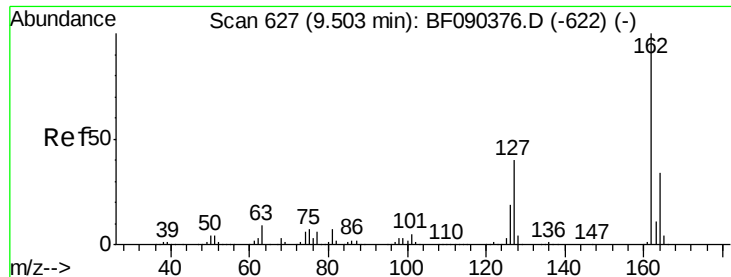
#45
 1,1'-Biphenyl
 Concen: 1.06 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:154 Resp: 41456
 Ion Ratio Lower Upper
 154 100
 153 38.4 23.8 63.8
 76 16.5 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

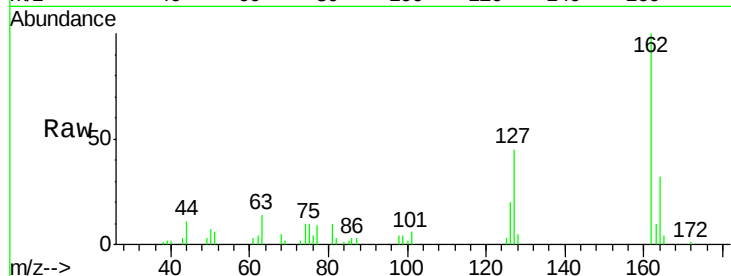




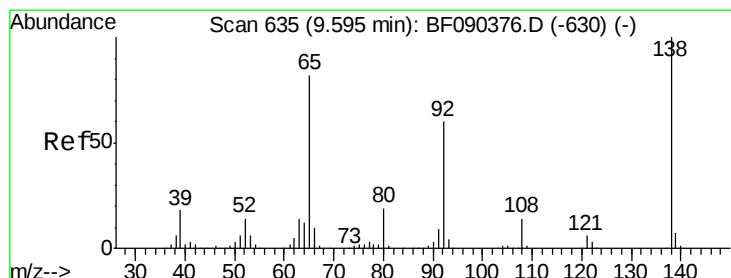
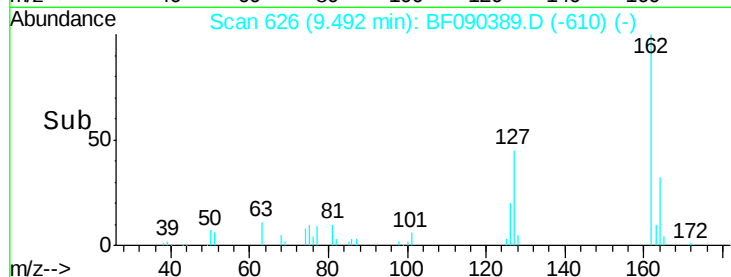
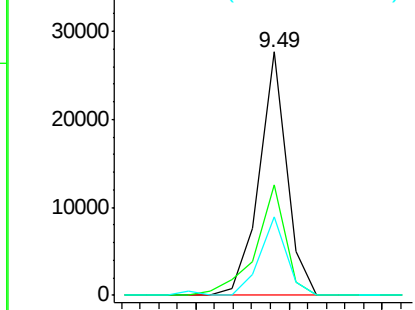
#46
2-Chloronaphthalene
Concen: 0.97 ng
RT: 9.49 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 162 Resp: 28236
Ion Ratio Lower Upper
162 100
127 45.3 35.6 53.4
164 32.3 27.5 41.3

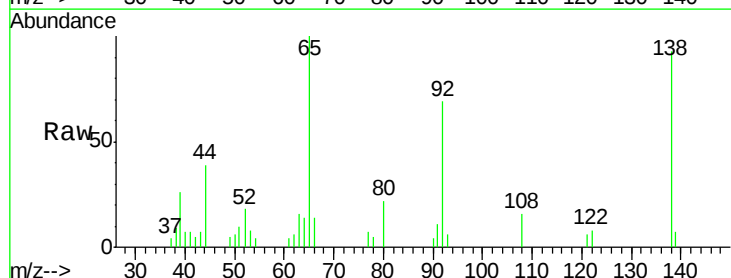


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

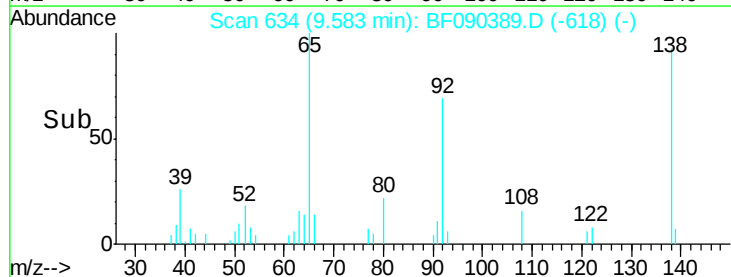
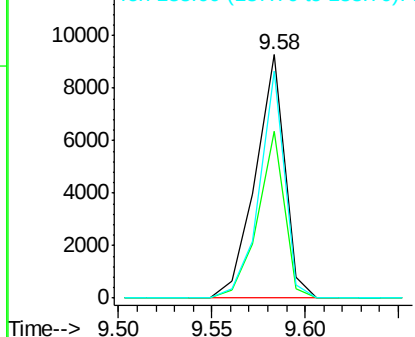


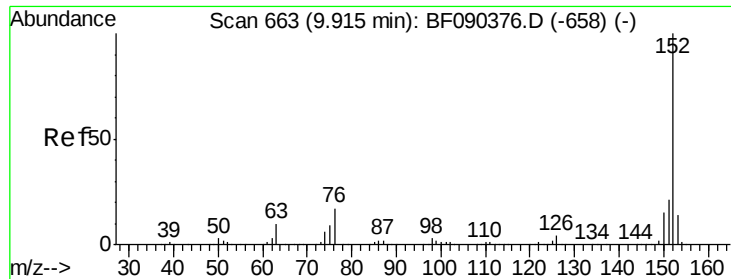
#47
2-Nitroaniline
Concen: 0.88 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 65 Resp: 10061
Ion Ratio Lower Upper
65 100
92 68.8 51.7 77.5
138 93.3 79.0 118.4



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





#48

Acenaphthylene

Concen: 0.91 ng

RT: 9.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

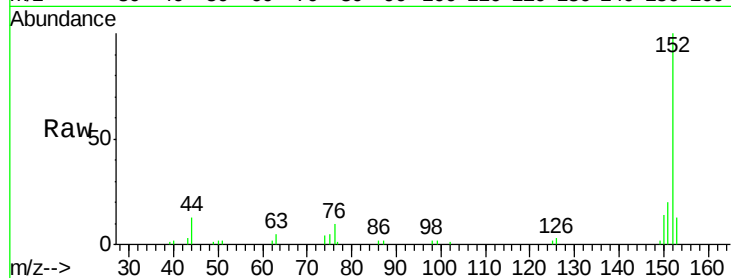
Tgt Ion:152 Resp: 43550

Ion Ratio Lower Upper

152 100

151 20.0 17.4 26.0

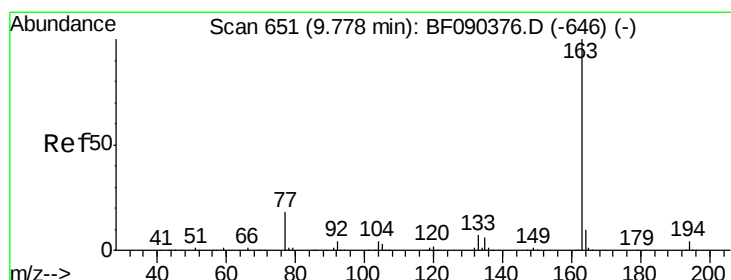
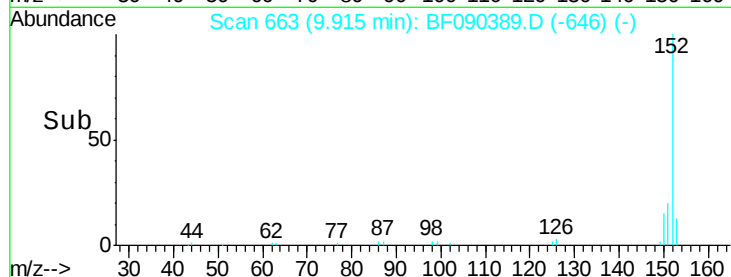
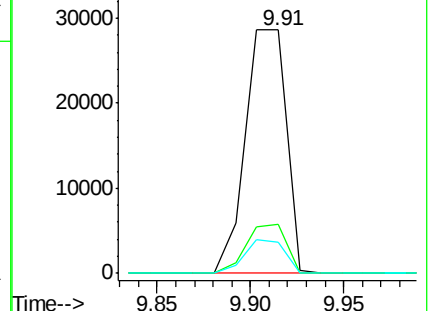
153 13.0 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.91 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

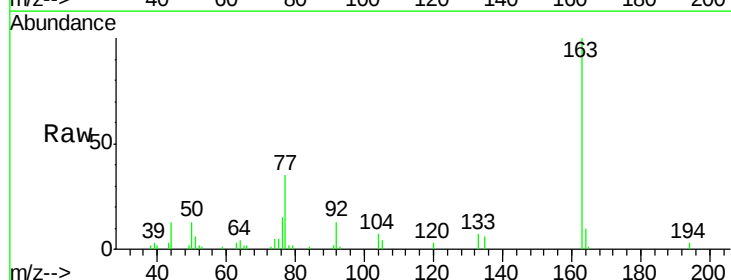
Tgt Ion:163 Resp: 30835

Ion Ratio Lower Upper

163 100

194 2.6 2.8 4.2#

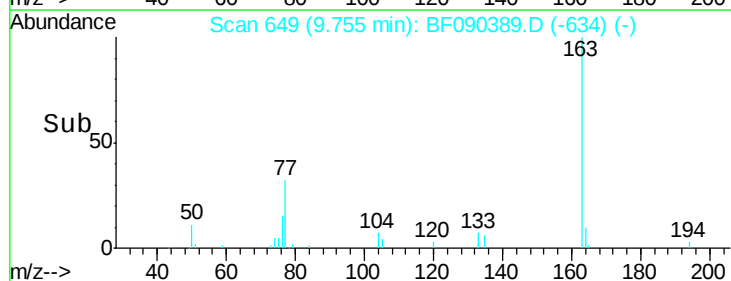
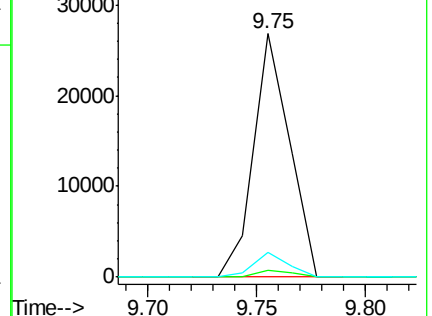
164 10.3 9.0 13.4

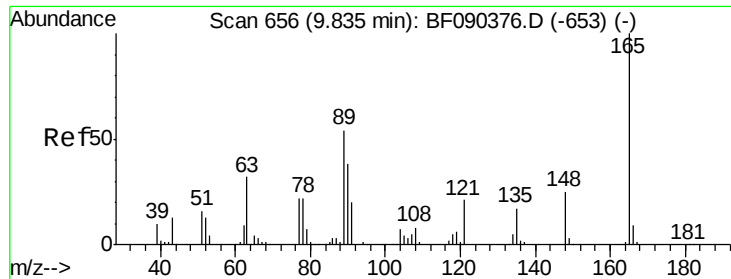


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

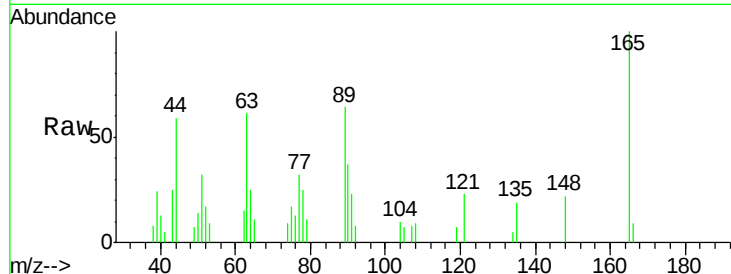




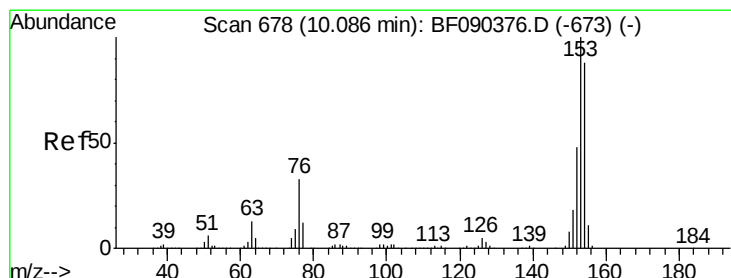
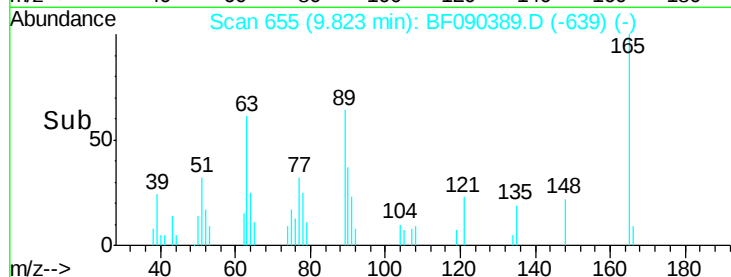
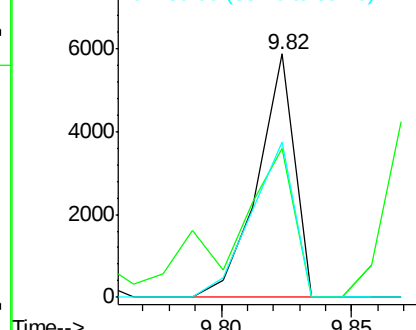
#50
2,6-Dinitrotoluene
Concen: 0.77 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:165 Resp: 5794
Ion Ratio Lower Upper
165 100
63 61.3 58.0 87.0
89 63.6 51.2 76.8

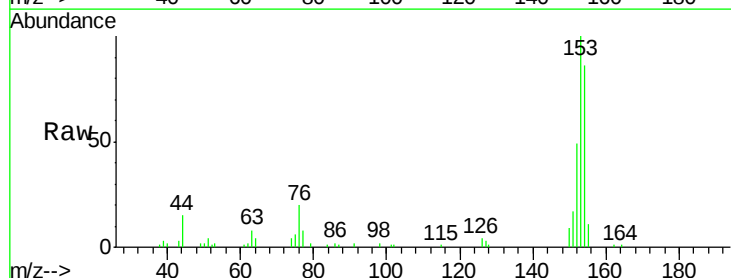


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

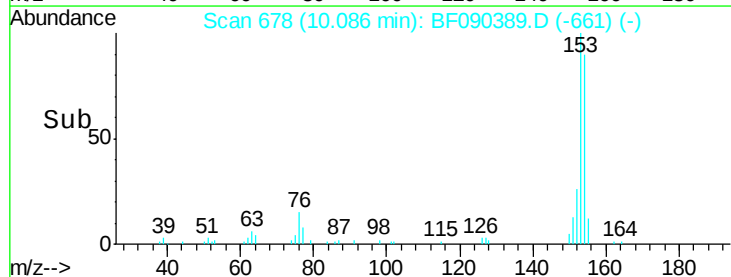
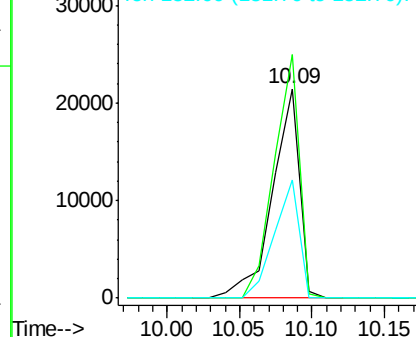


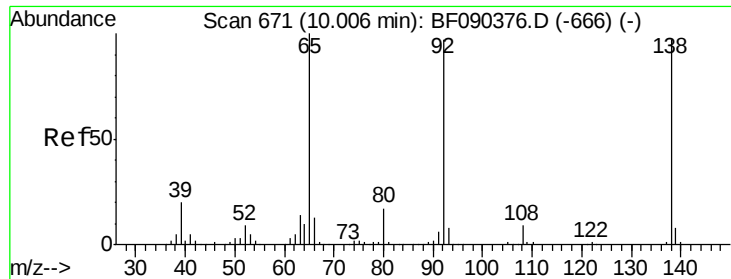
#51
Acenaphthene
Concen: 0.93 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:154 Resp: 27803
Ion Ratio Lower Upper
154 100
153 116.1 88.6 133.0
152 56.3 42.6 64.0



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

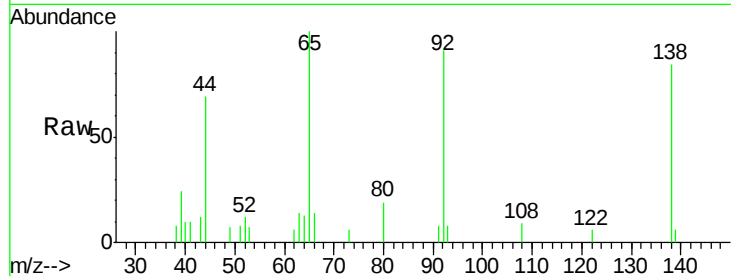




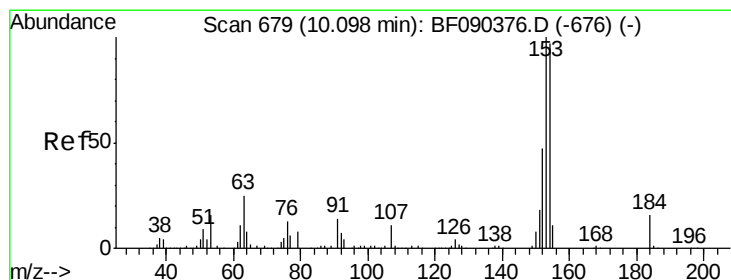
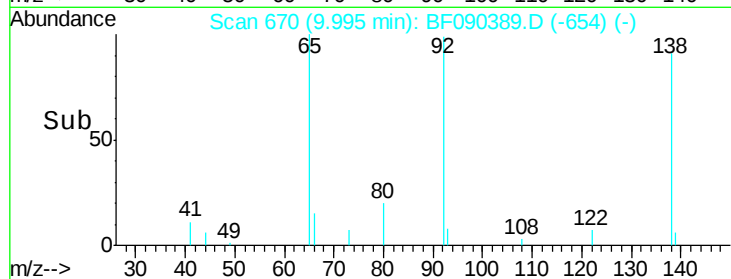
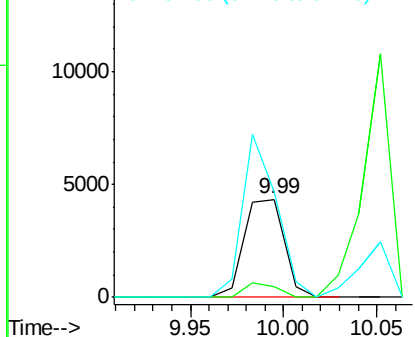
#52
3-Nitroaniline
Concen: 0.73 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:138 Resp: 6453
Ion Ratio Lower Upper
138 100
108 10.6 9.7 14.5
92 108.1 97.1 145.7

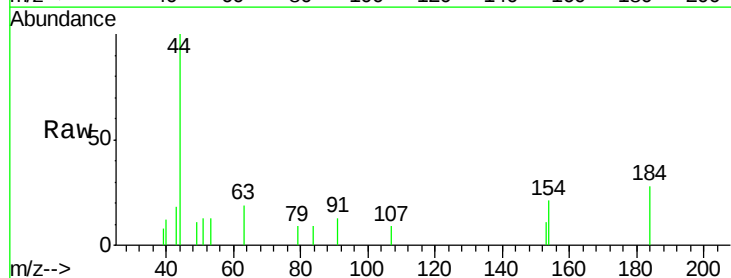


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

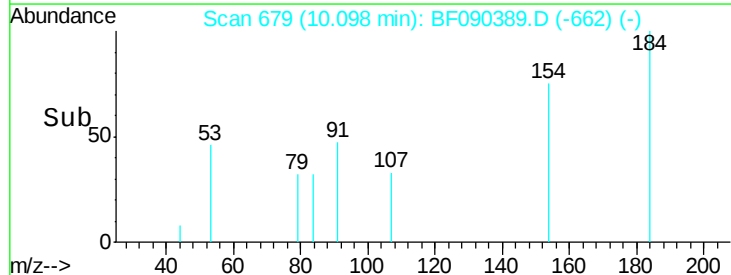
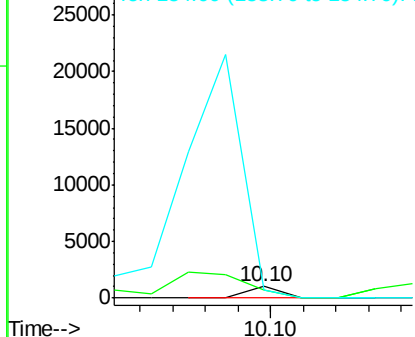


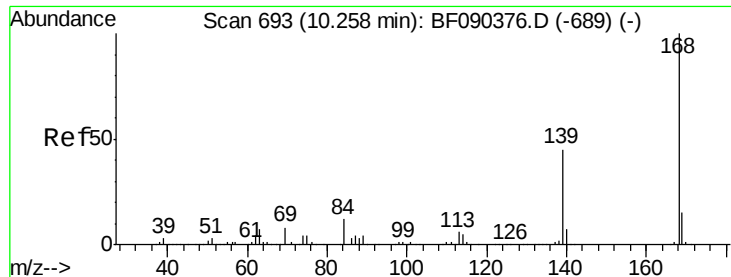
#53
2,4-Dinitrophenol
Concen: 0.21 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:184 Resp: 693
Ion Ratio Lower Upper
184 100
63 67.0 41.9 62.9#
154 75.4 48.9 73.3#



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





#54

Dibenzenofuran

Concen: 0.97 ng

RT: 10.26 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

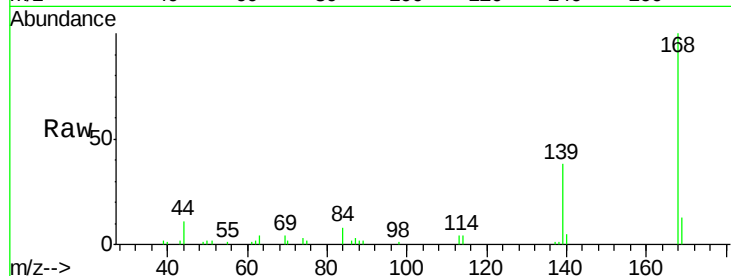
Tgt Ion:168 Resp: 37365

Ion Ratio Lower Upper

168 100

139 37.7 29.6 44.4

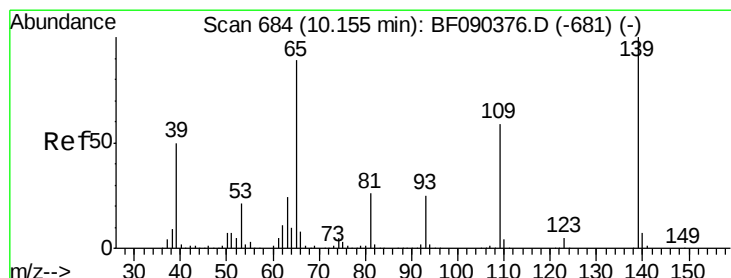
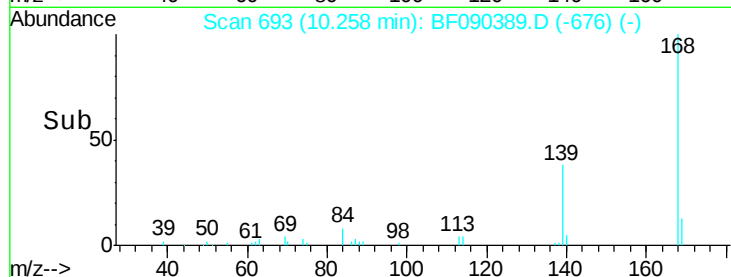
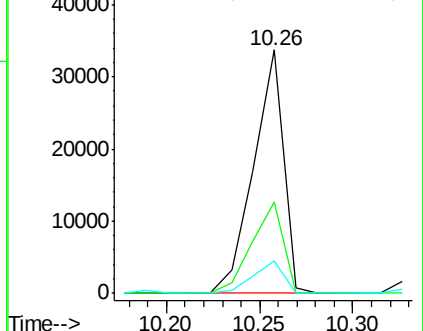
169 13.4 11.3 16.9



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: 0.60 ng

RT: 10.14 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

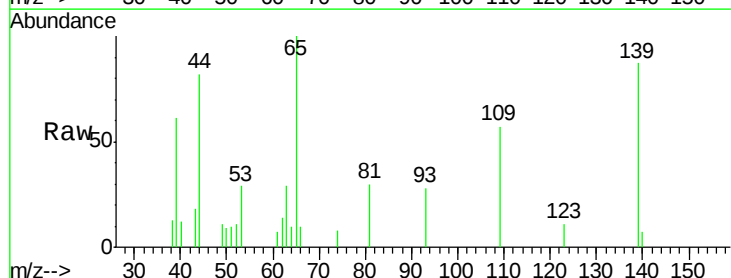
Tgt Ion:139 Resp: 4585

Ion Ratio Lower Upper

139 100

109 65.6 43.6 83.6

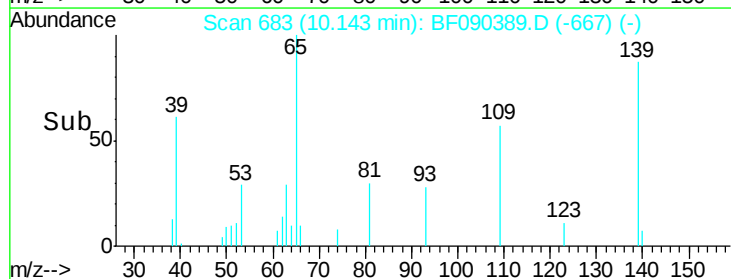
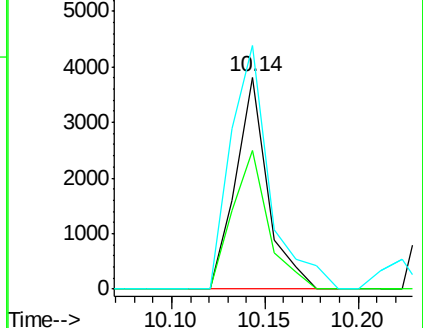
65 114.8 87.5 127.5

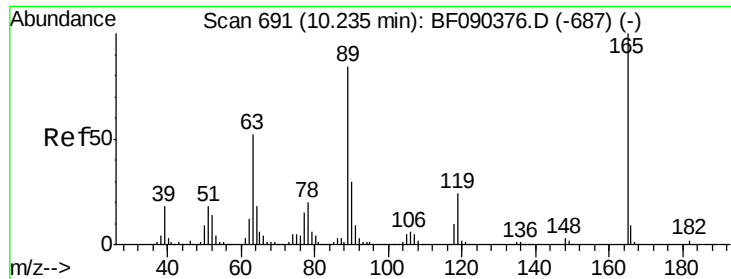


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

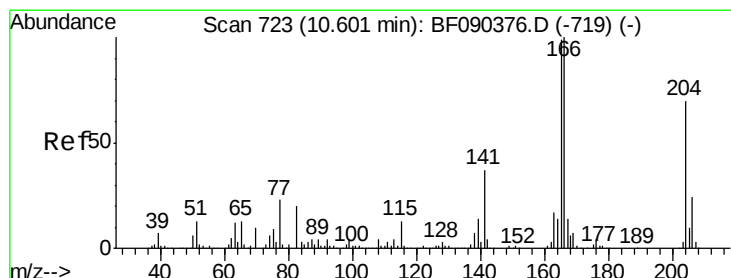
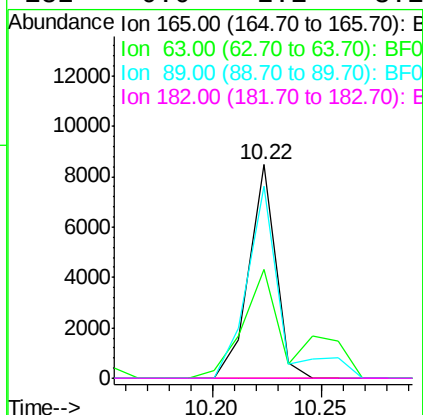
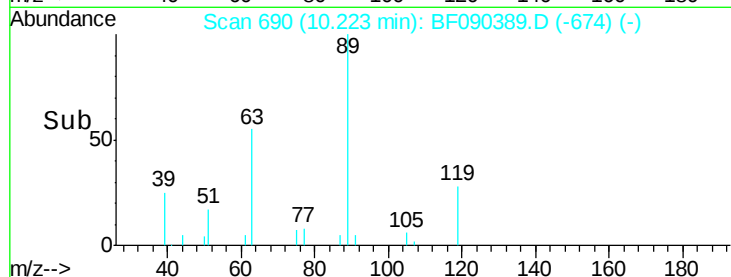
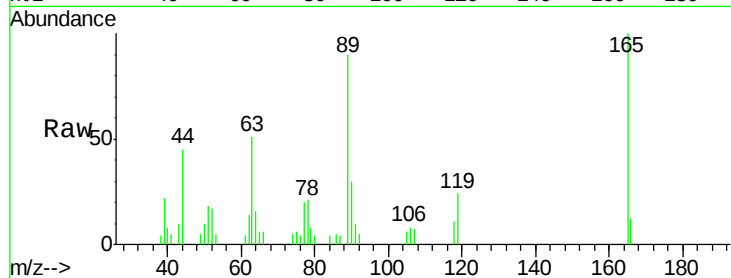




#56
2,4-Dinitrotoluene
Concen: 0.73 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

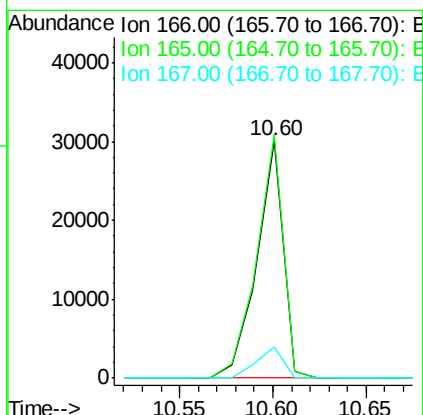
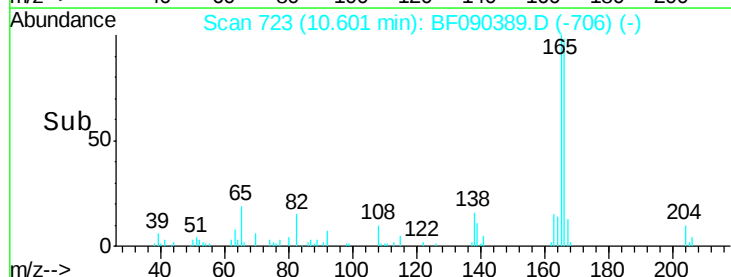
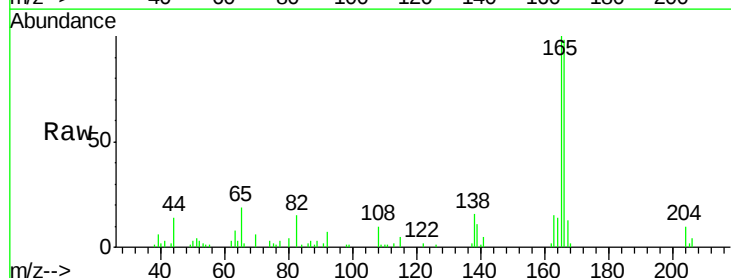
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

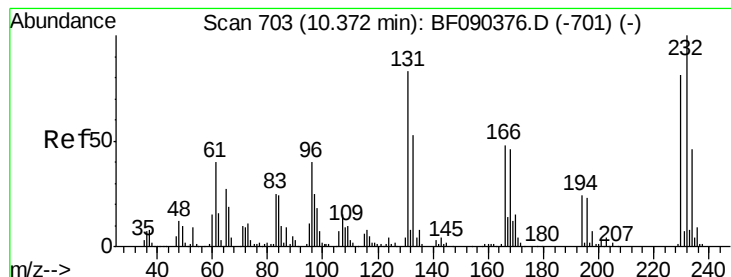
Tgt Ion:165 Resp: 7277
Ion Ratio Lower Upper
165 100
63 51.2 17.8 26.6#
89 89.9 33.2 49.8#
182 0.0 2.1 3.1#



#57
Fluorene
Concen: 0.92 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:166 Resp: 30015
Ion Ratio Lower Upper
166 100
165 102.4 79.2 118.8
167 13.2 11.1 16.7





#58

2,3,4,6-Tetrachlorophenol

Concen: 0.69 ng

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion:232 Resp: 4707

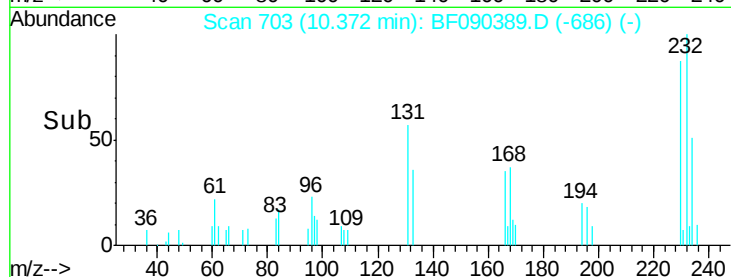
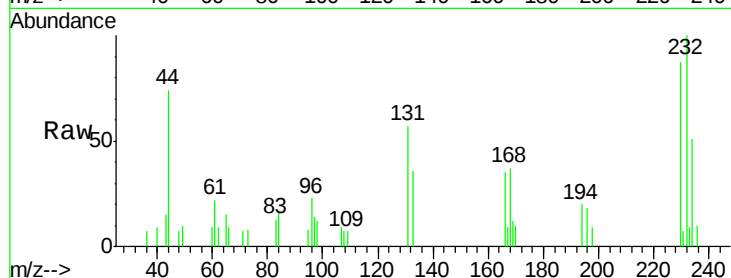
Ion Ratio Lower Upper

232 100

131 61.6 34.5 51.7#

130 0.0 1.6 2.4#

166 36.5 23.8 35.8#

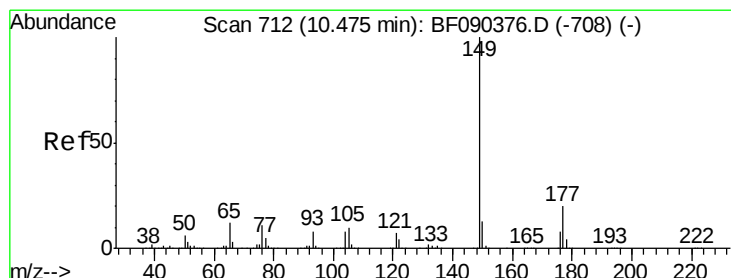
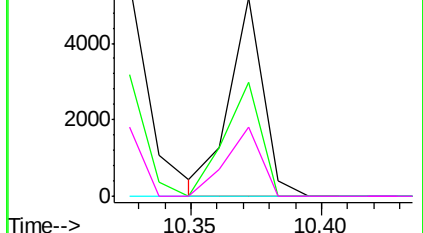


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 0.97 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

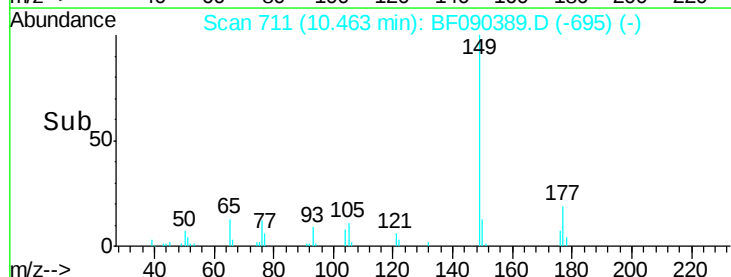
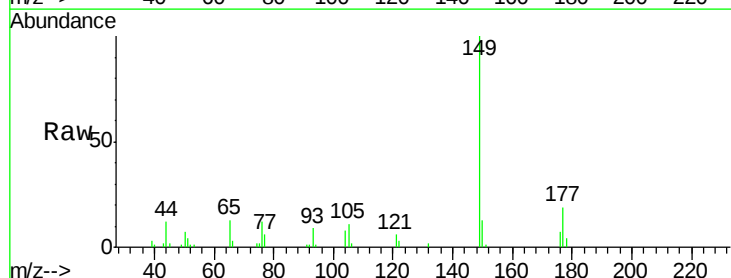
Tgt Ion:149 Resp: 34141

Ion Ratio Lower Upper

149 100

177 18.8 21.1 31.7#

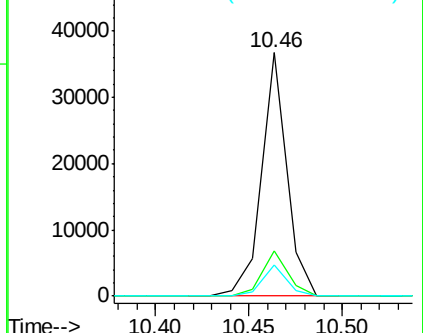
150 12.8 10.2 15.2

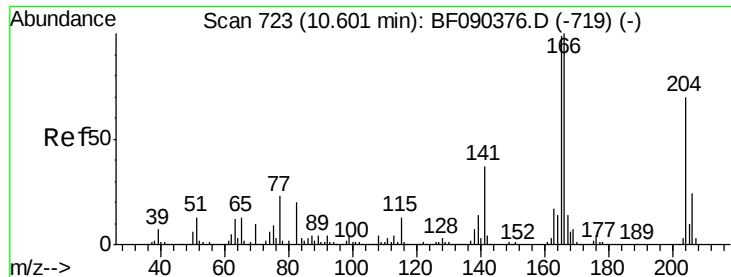


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

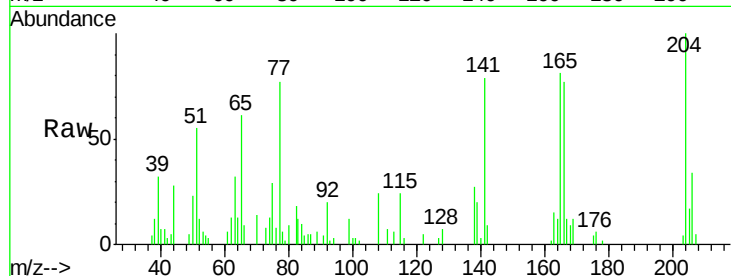




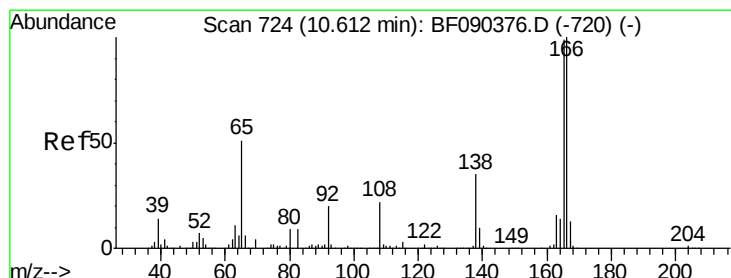
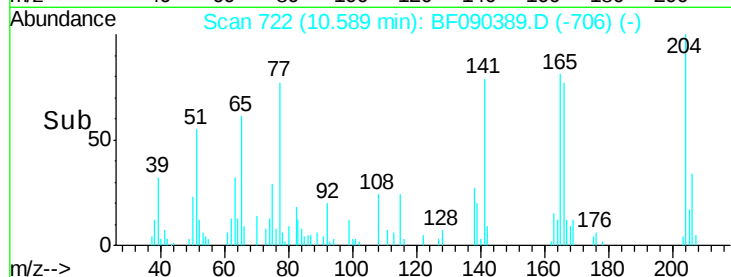
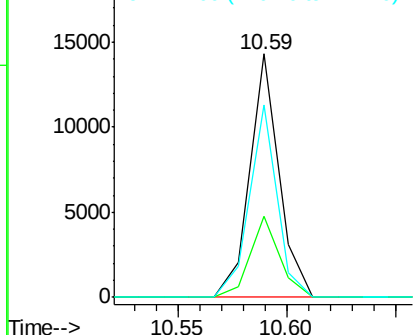
#60
 4-Chlorophenyl-phenylether
 Concen: 0.91 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:204 Resp: 13363
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.7 40.1
 141 79.3 51.7 77.5#

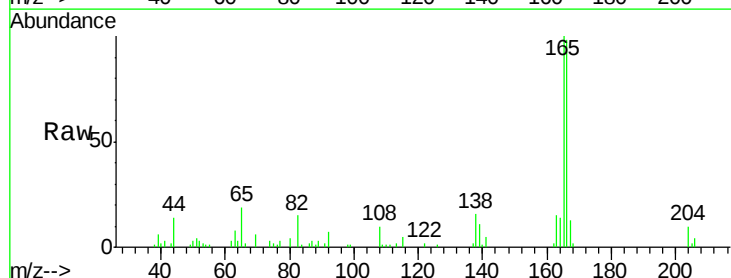


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

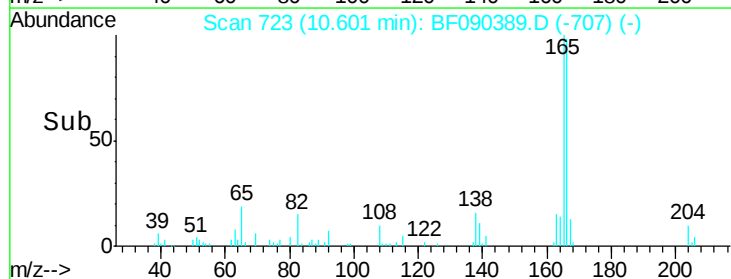
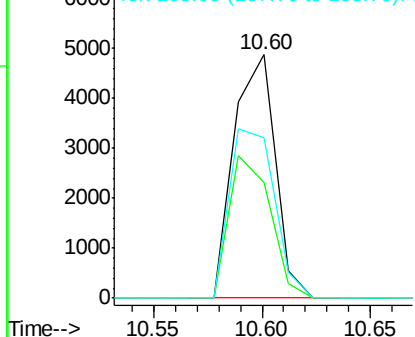


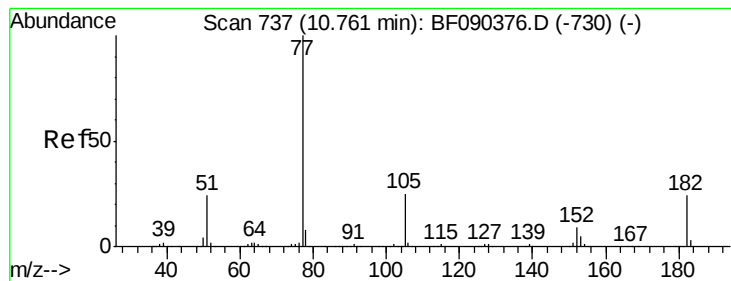
#61
 4-Nitroaniline
 Concen: 0.72 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:138 Resp: 6415
 Ion Ratio Lower Upper
 138 100
 92 47.3 33.2 73.2
 108 66.0 48.5 88.5



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





#62

Azobenzene

Concen: 0.96 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion: 77 Resp: 38731

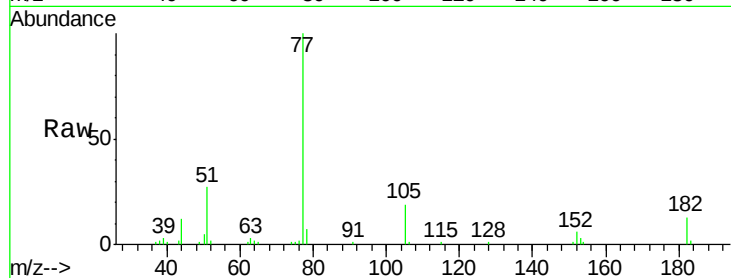
Ion Ratio Lower Upper

77 100

182 12.6 3.2 43.2

105 18.6 2.9 42.9

51 26.8 14.2 54.2

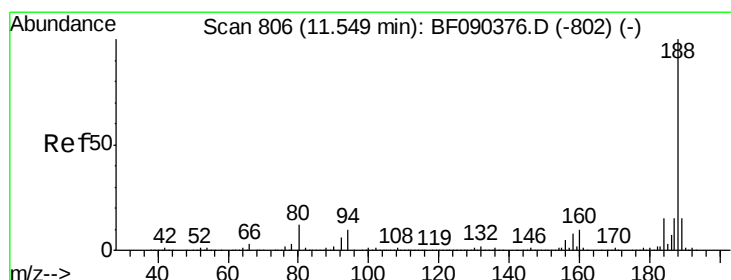
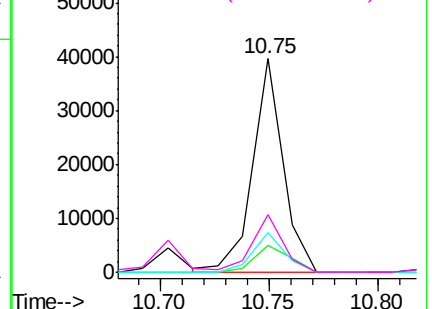
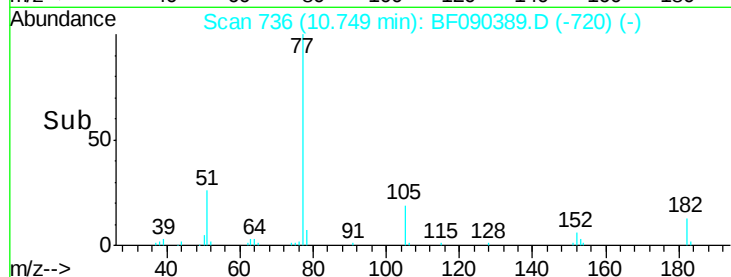


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

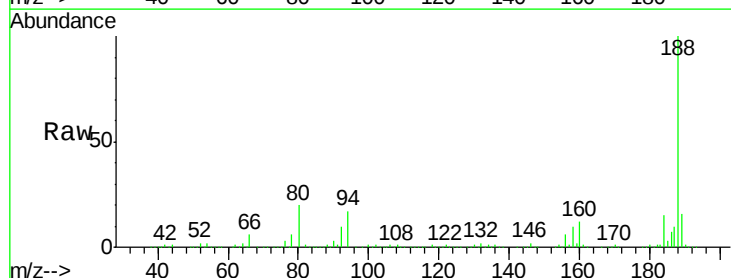
Tgt Ion: 188 Resp: 802846

Ion Ratio Lower Upper

188 100

94 17.0 8.2 12.2#

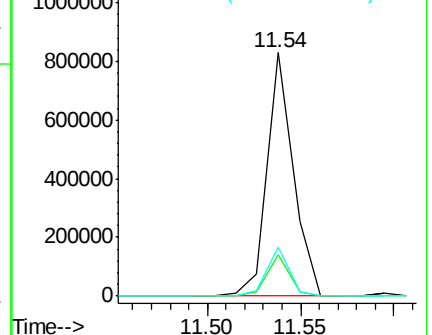
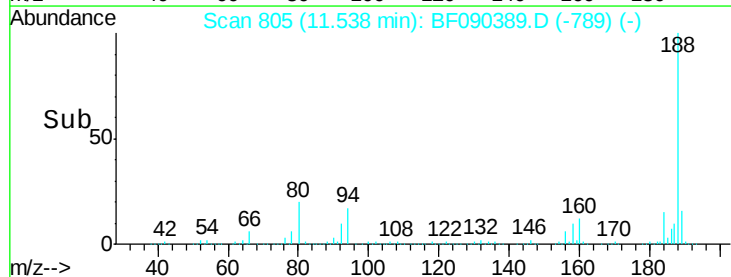
80 19.9 8.8 13.2#

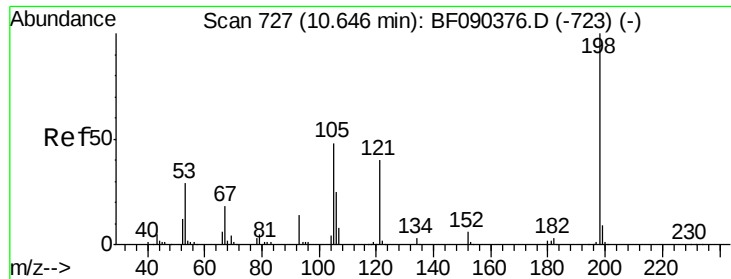


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

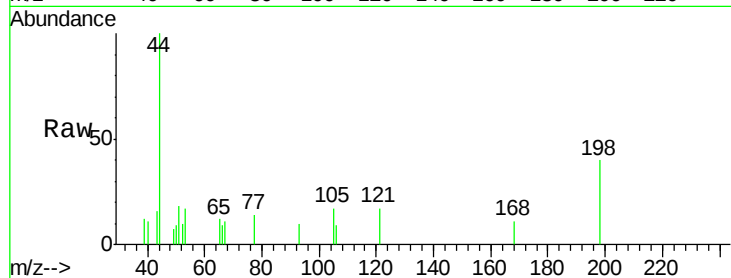




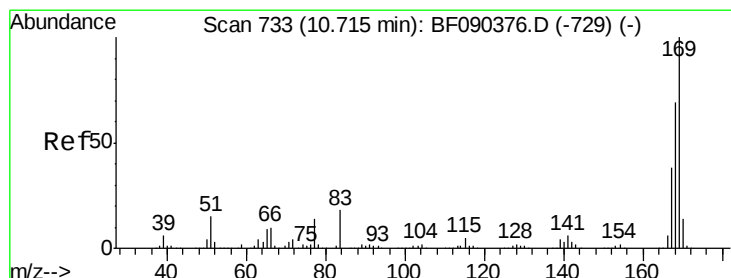
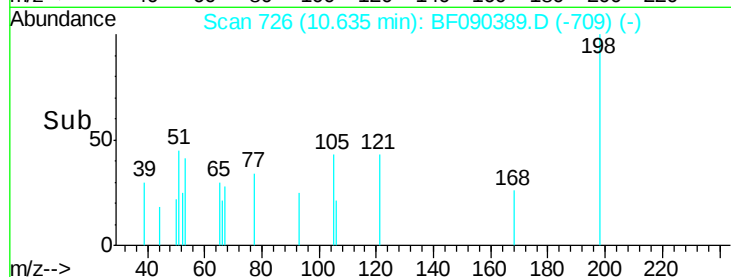
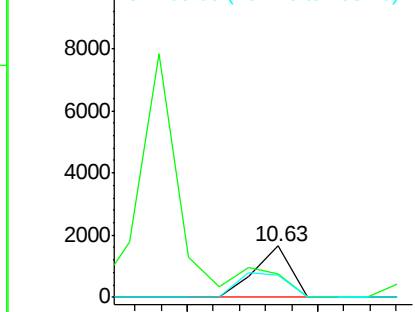
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.70 ng
 RT: 10.63 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:198 Resp: 1596
 Ion Ratio Lower Upper
 198 100
 51 44.8 67.3 107.3#
 105 43.0 42.6 82.6

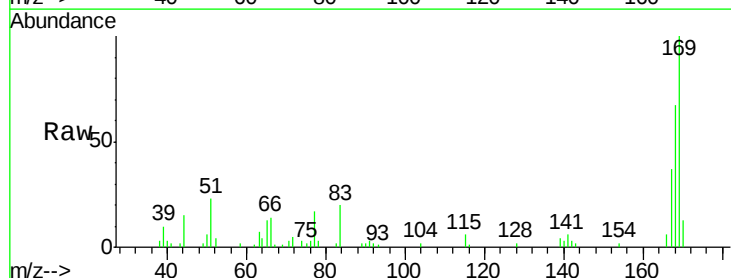


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

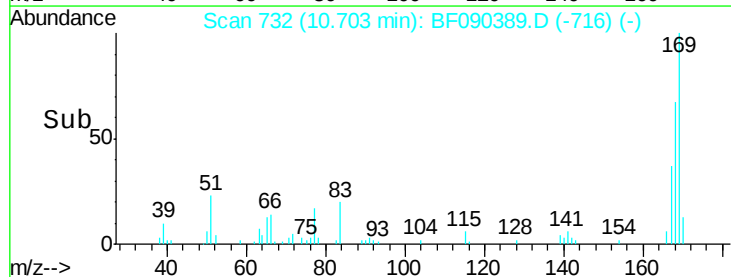
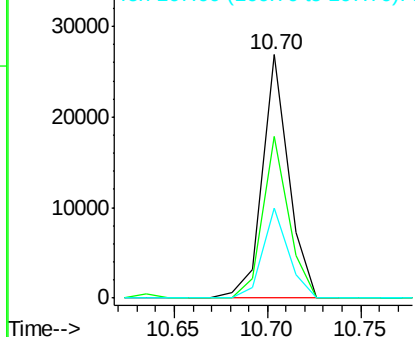


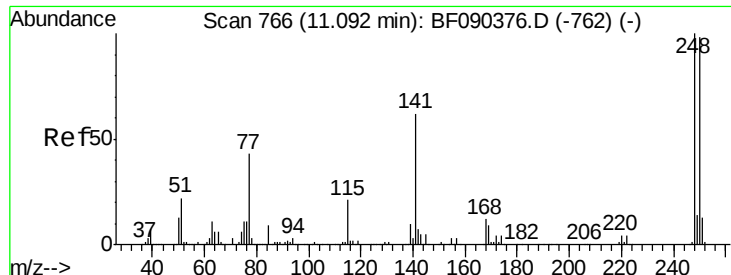
#65
 n-Nitrosodiphenylamine
 Concen: 0.97 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:169 Resp: 26019
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.6
 167 36.9 29.8 44.8



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

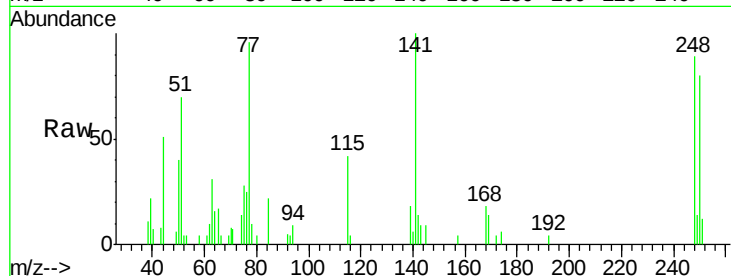




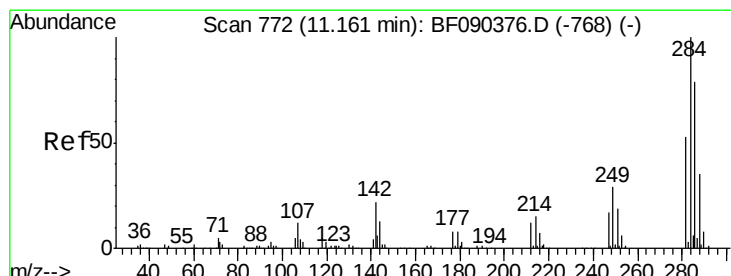
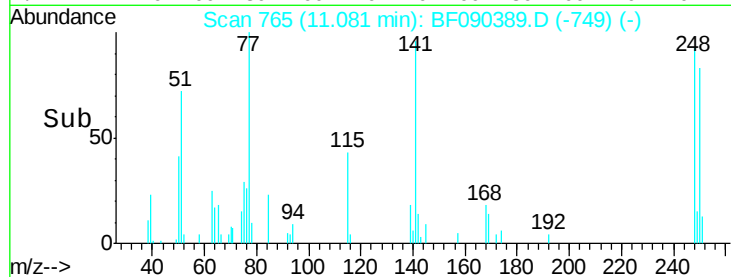
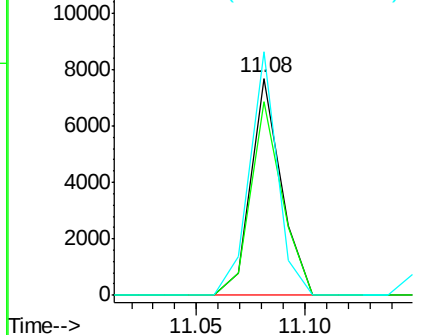
#66
 4-Bromophenyl-phenylether
 Concen: 0.95 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

Tgt Ion:248 Resp: 7503
 Ion Ratio Lower Upper
 248 100
 250 89.3 76.5 114.7
 141 112.0 59.8 89.6#

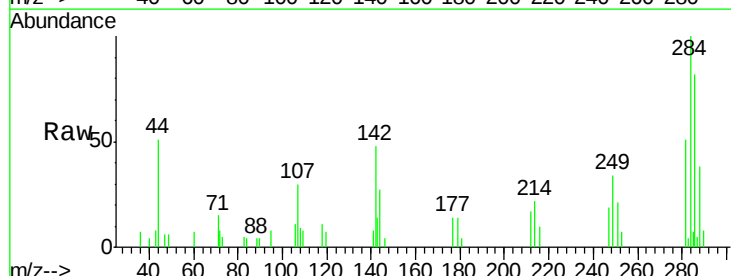


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

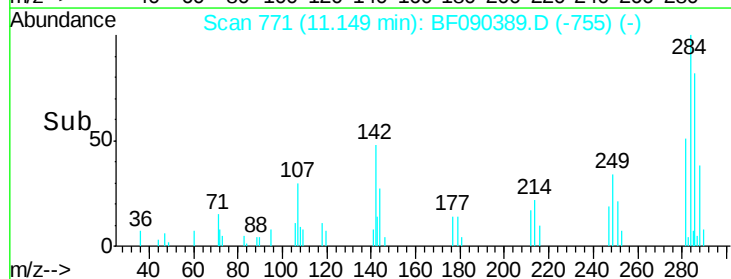
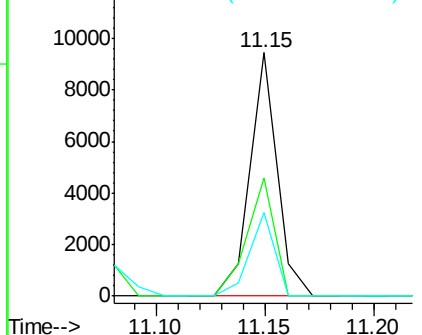


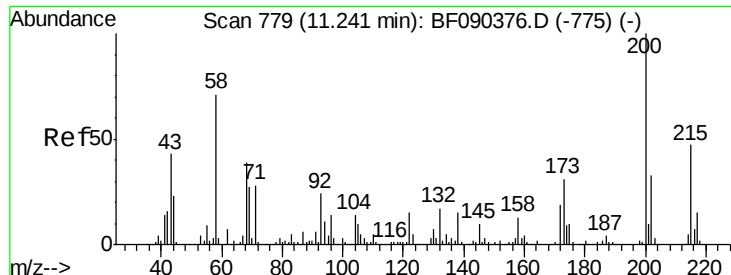
#67
 Hexachlorobenzene
 Concen: 0.93 ng
 RT: 11.15 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion:284 Resp: 8183
 Ion Ratio Lower Upper
 284 100
 142 48.3 23.1 34.7#
 249 34.1 26.3 39.5



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

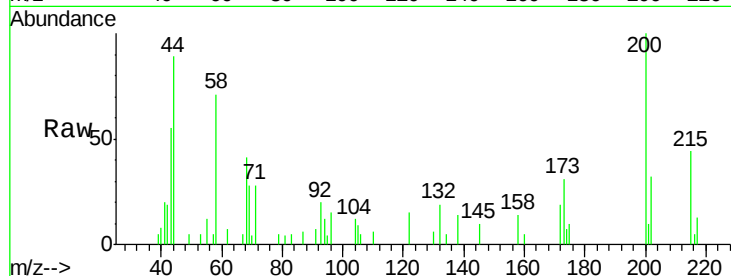




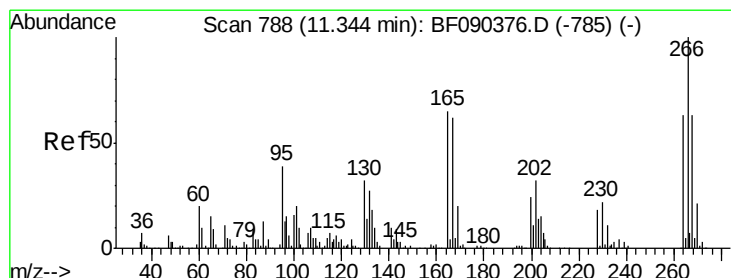
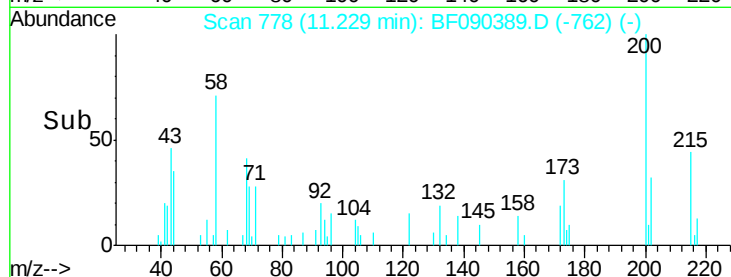
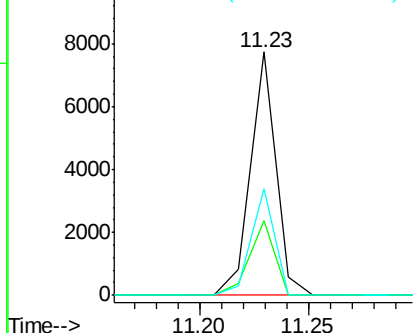
#68
Atrazine
Concen: 0.94 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:200 Resp: 6260
Ion Ratio Lower Upper
200 100
173 30.8 9.0 49.0
215 43.7 24.8 64.8

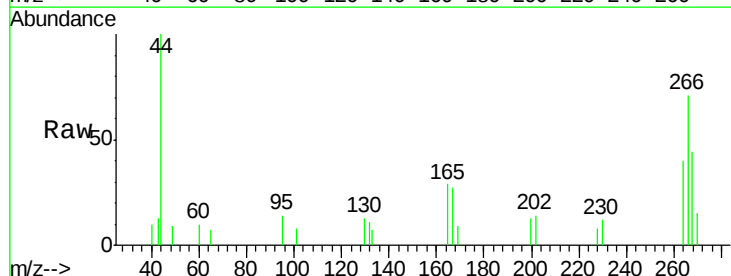


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

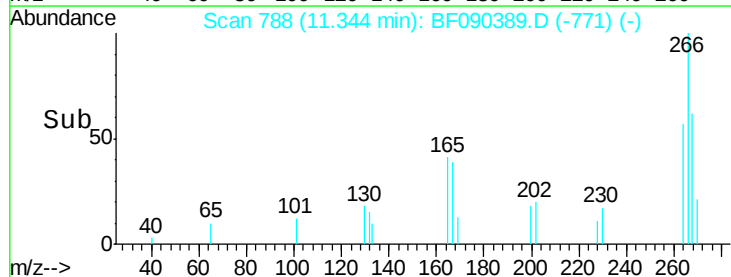
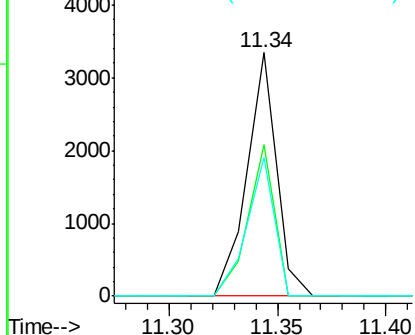


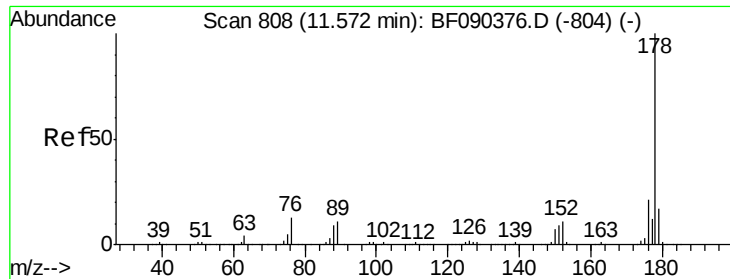
#69
Pentachlorophenol
Concen: 0.61 ng
RT: 11.34 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:266 Resp: 3168
Ion Ratio Lower Upper
266 100
268 62.4 50.9 76.3
264 57.0 51.5 77.3



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

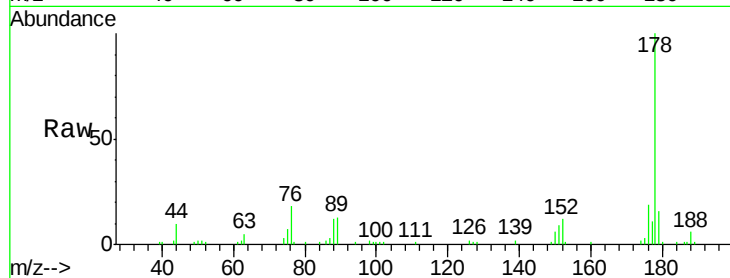




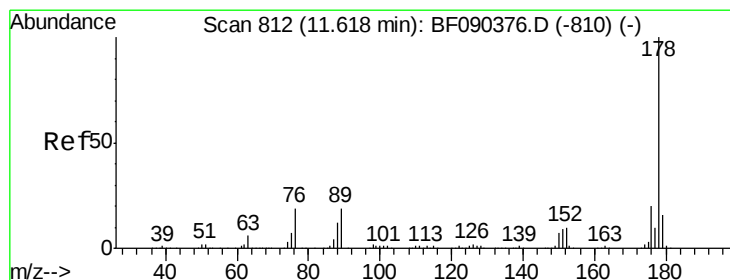
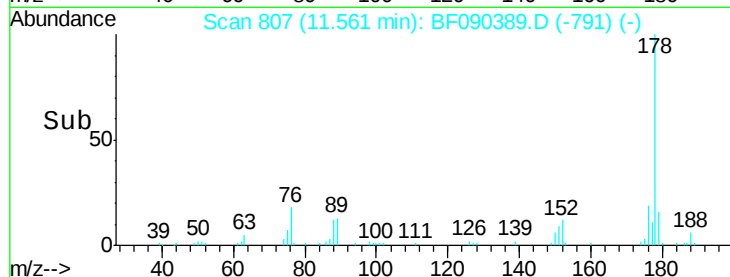
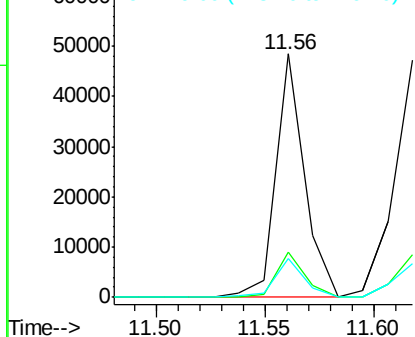
#70
Phenanthrene
Concen: 1.09 ng
RT: 11.56 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:178 Resp: 44624
Ion Ratio Lower Upper
178 100
176 18.8 17.3 25.9
179 16.0 13.8 20.6

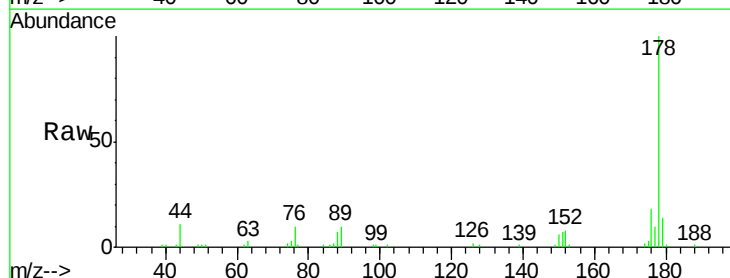


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

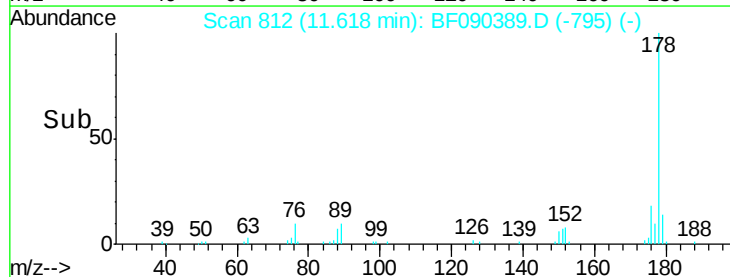
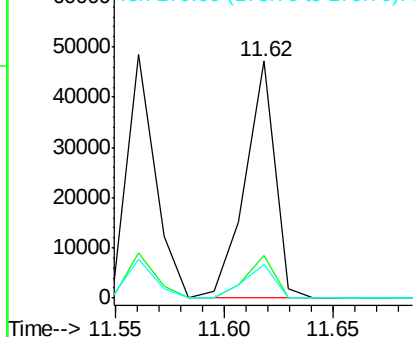


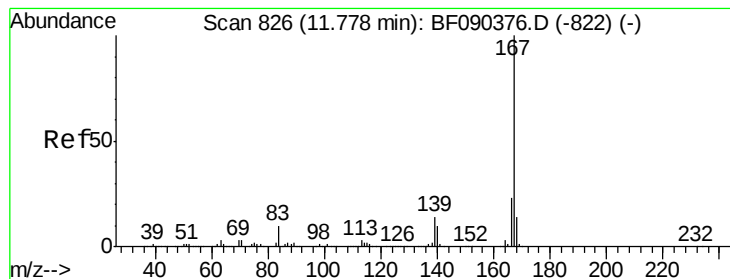
#71
Anthracene
Concen: 1.07 ng
RT: 11.62 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:178 Resp: 44805
Ion Ratio Lower Upper
178 100
176 18.0 16.8 25.2
179 14.1 13.4 20.2



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





#72

Carbazole

Concen: 1.14 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

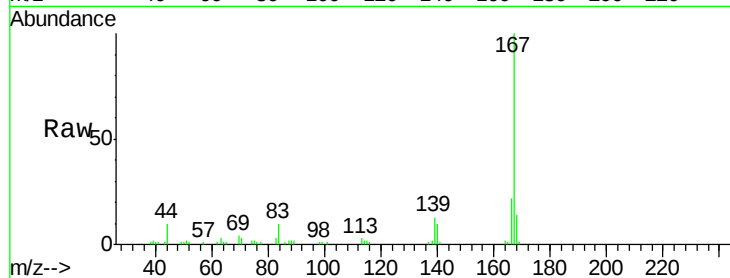
Tgt Ion:167 Resp: 44377

Ion Ratio Lower Upper

167 100

166 22.3 19.1 28.7

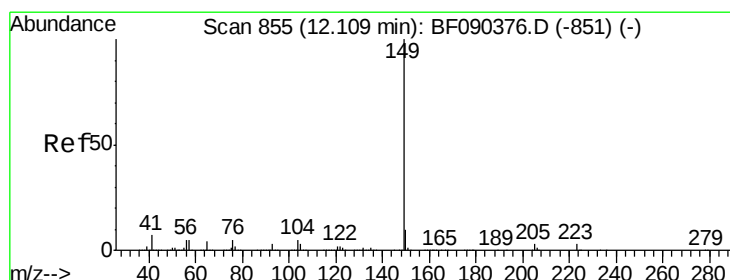
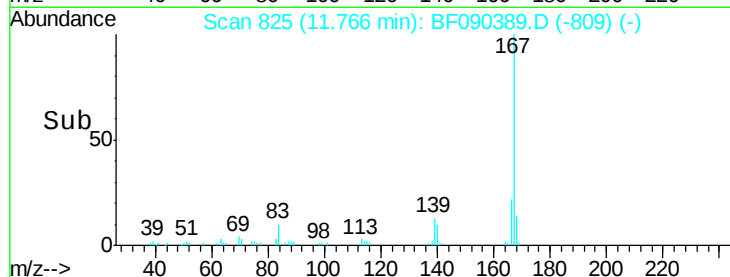
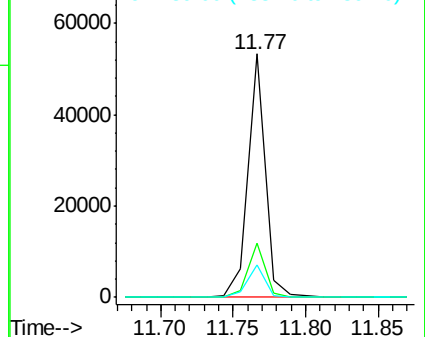
139 13.2 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 1.00 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

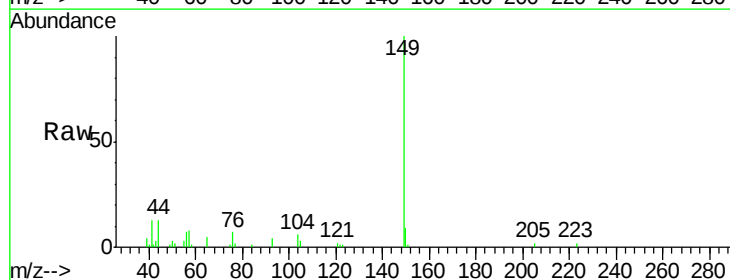
Tgt Ion:149 Resp: 47523

Ion Ratio Lower Upper

149 100

150 9.4 8.6 12.8

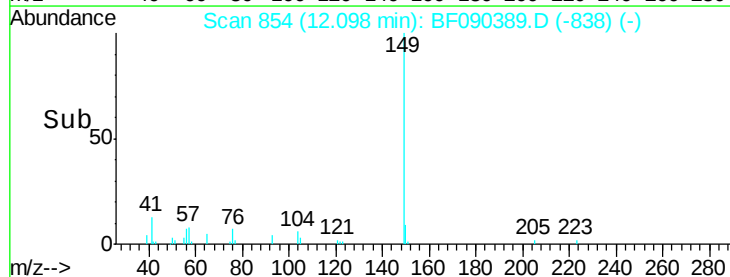
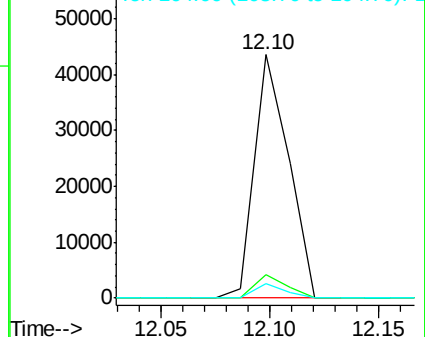
104 5.9 4.7 7.1

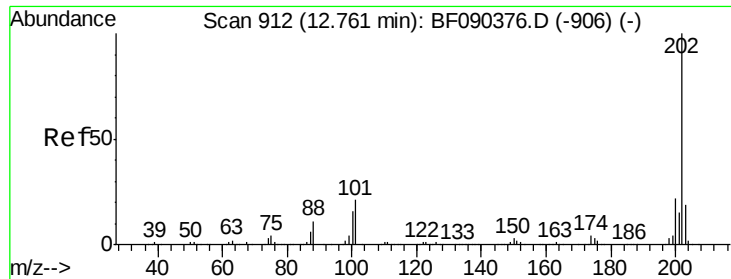


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

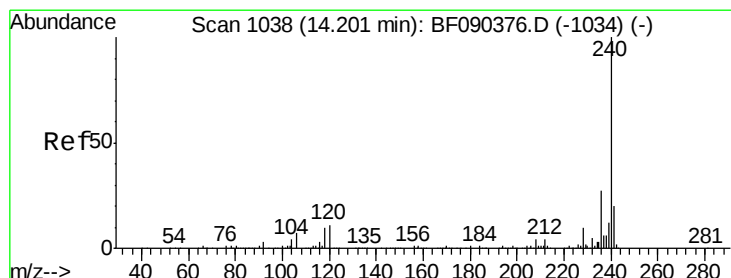
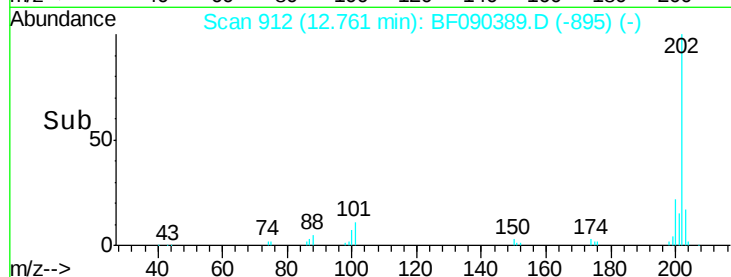
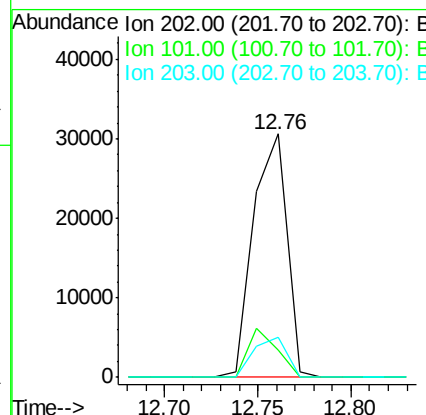
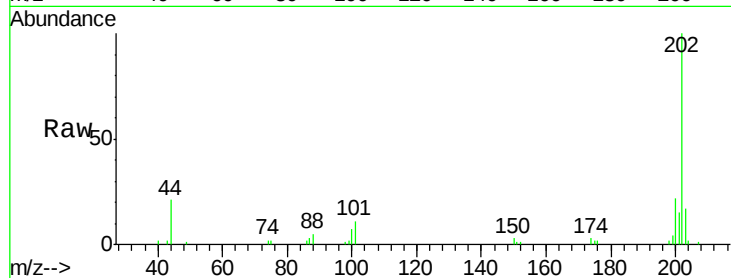




#74
 Fluoranthene
 Concen: 0.94 ng
 RT: 12.76 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

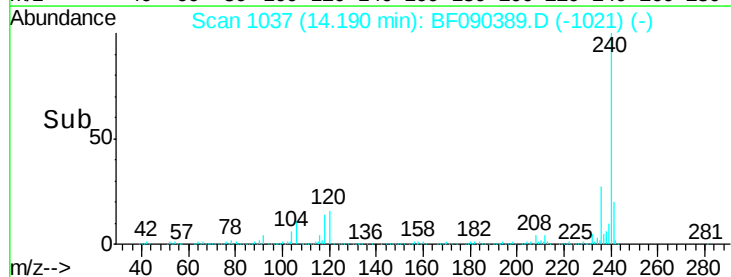
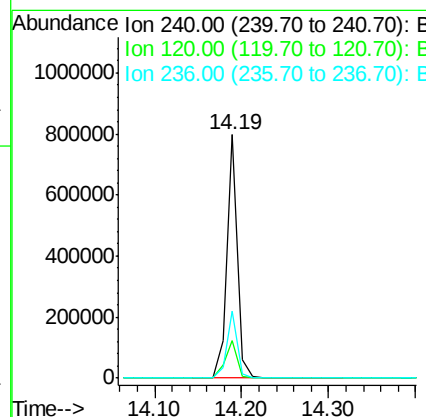
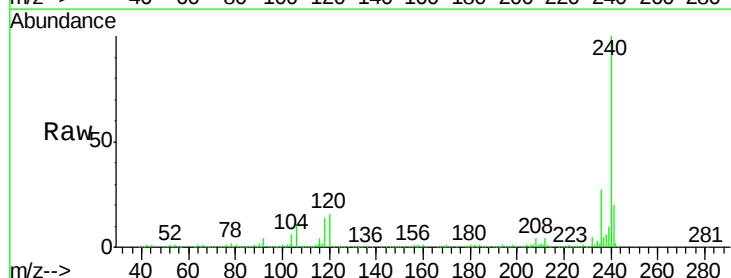
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

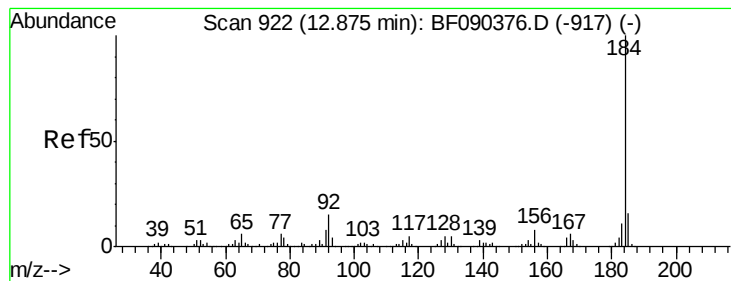
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	37.2
203	16.5	0.0	39.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	8.6	13.0#
236	27.5	21.6	32.4





#76

Benzidine

Concen: 2.84 ng

RT: 12.88 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

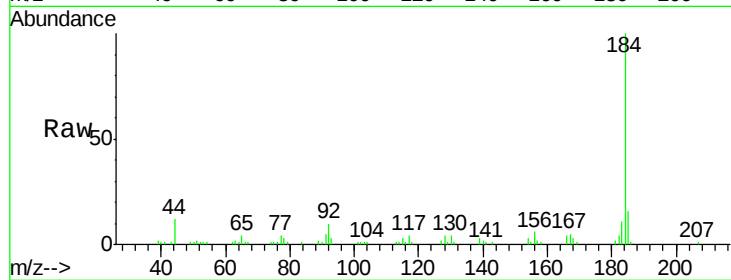
Tgt Ion:184 Resp: 50892

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

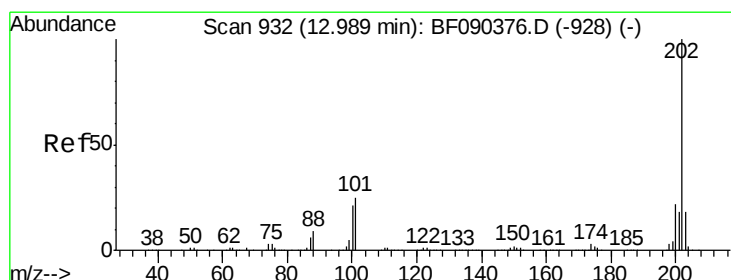
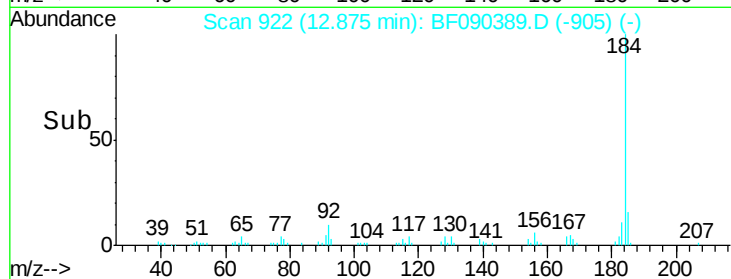
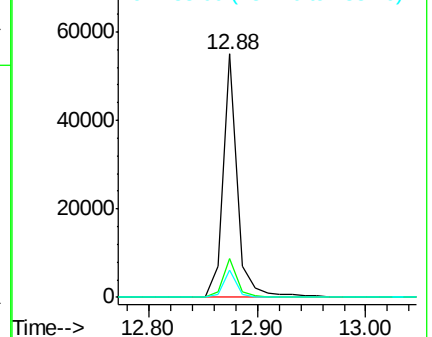
183 11.3 9.6 14.4



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: 0.89 ng

RT: 12.99 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

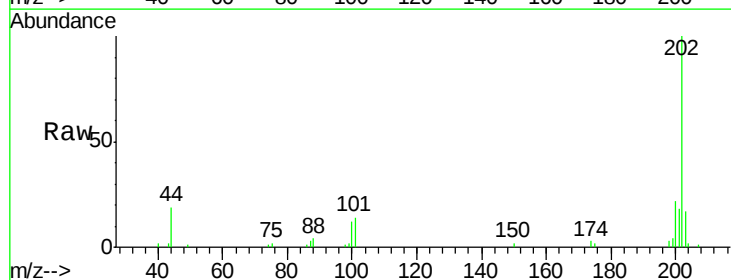
Tgt Ion:202 Resp: 40522

Ion Ratio Lower Upper

202 100

200 21.8 18.5 27.7

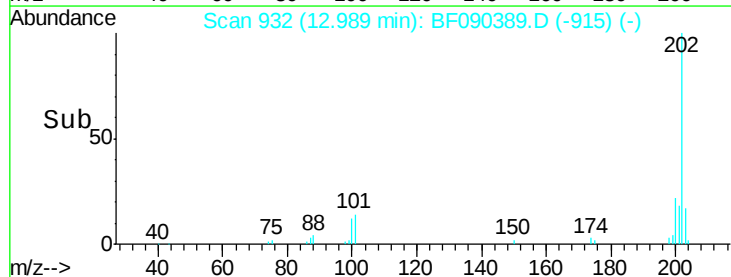
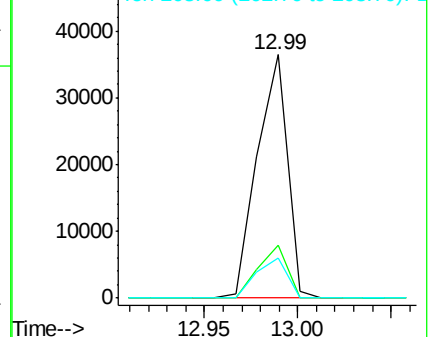
203 16.7 15.0 22.6

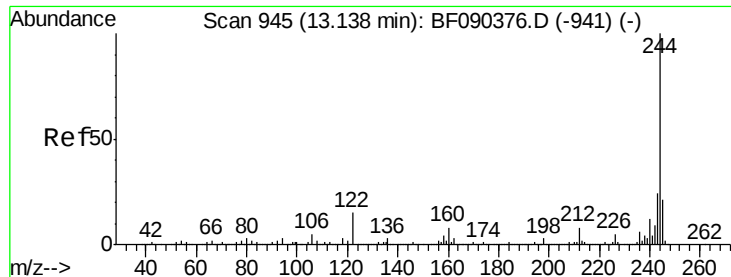


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

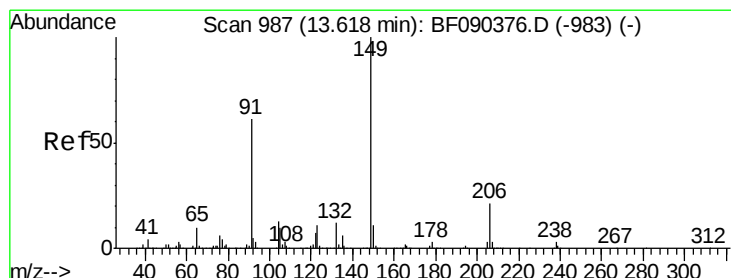
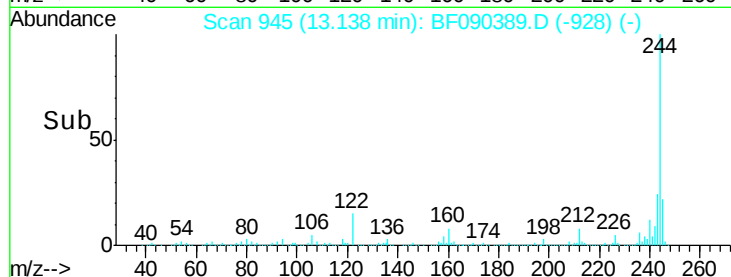
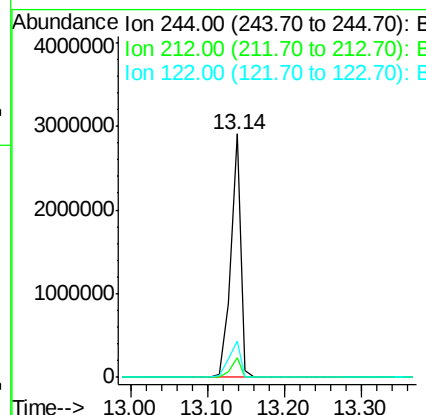
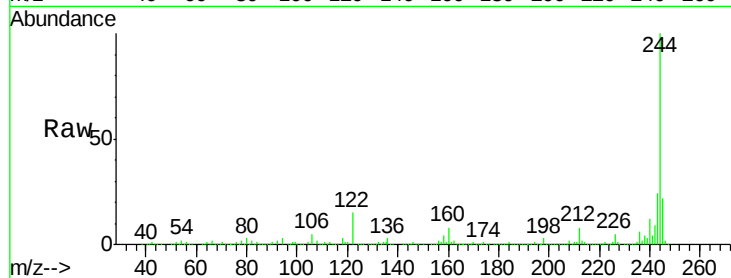




#78
 Terphenyl-d14
 Concen: 88.85 ng
 RT: 13.14 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

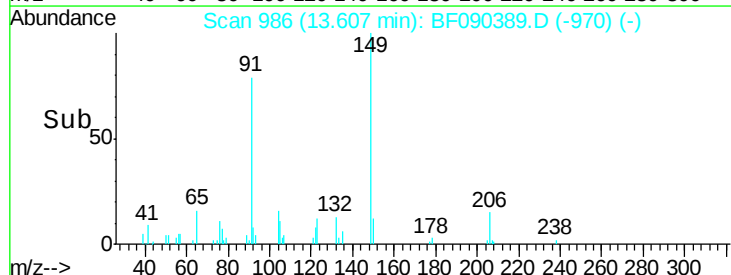
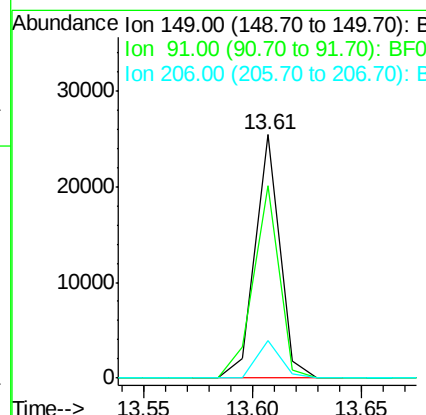
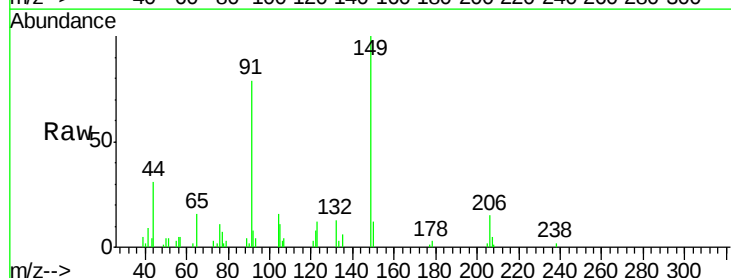
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-05-QT4

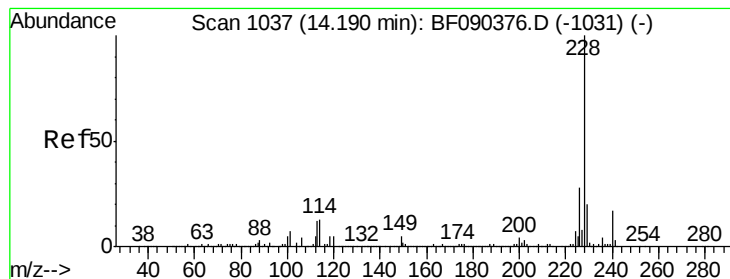
Tgt Ion: 244 Resp: 2696954
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.8 10.2
 122 14.9 13.3 19.9



#79
 Butylbenzylphthalate
 Concen: 0.86 ng
 RT: 13.61 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF090389.D
 Acq: 5 Oct 2016 19:39

Tgt Ion: 149 Resp: 20044
 Ion Ratio Lower Upper
 149 100
 91 78.8 51.8 77.8#
 206 15.2 18.0 27.0#





#80

Benzo(a)anthracene

Concen: 1.03 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

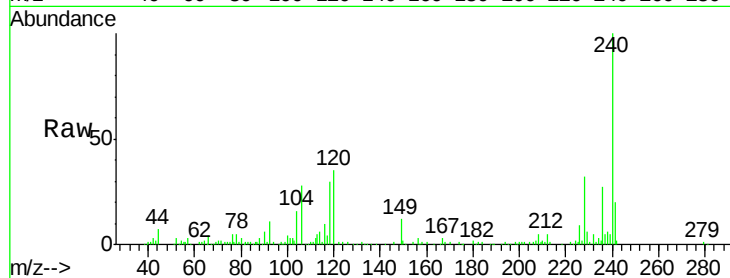
Tgt Ion:228 Resp: 39527

Ion Ratio Lower Upper

228 100

226 27.6 23.6 35.4

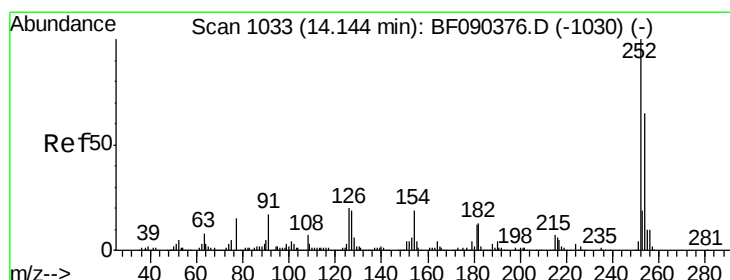
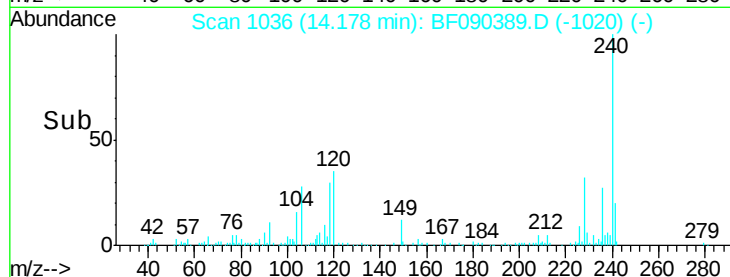
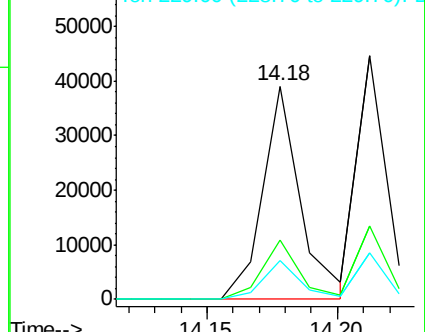
229 18.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.77 ng

RT: 14.14 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

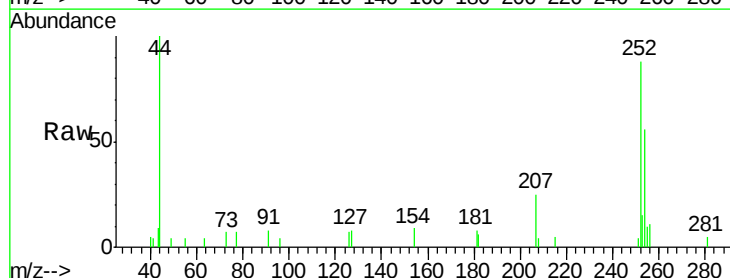
Tgt Ion:252 Resp: 10749

Ion Ratio Lower Upper

252 100

254 63.3 52.1 78.1

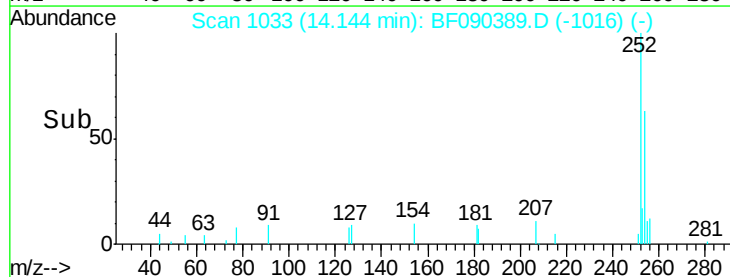
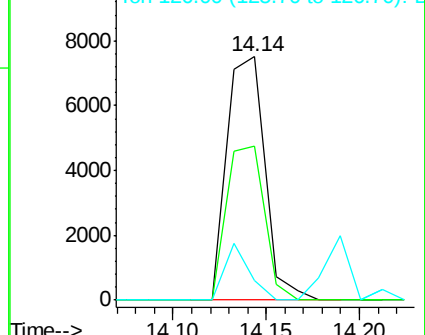
126 7.9 4.2 6.4#

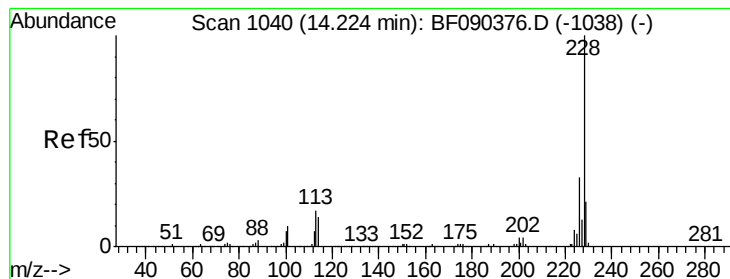


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.00 ng

RT: 14.21 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

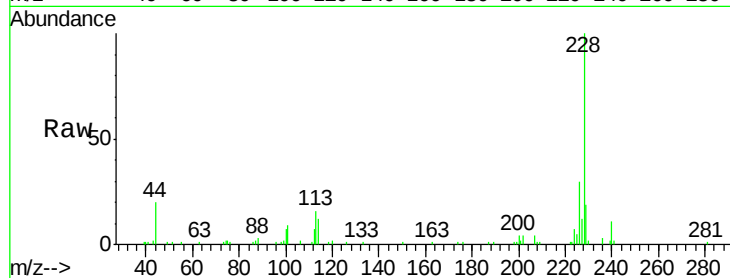
Tgt Ion:228 Resp: 35198

Ion Ratio Lower Upper

228 100

226 30.0 25.8 38.6

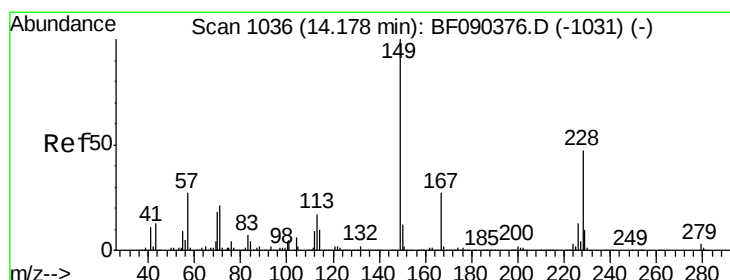
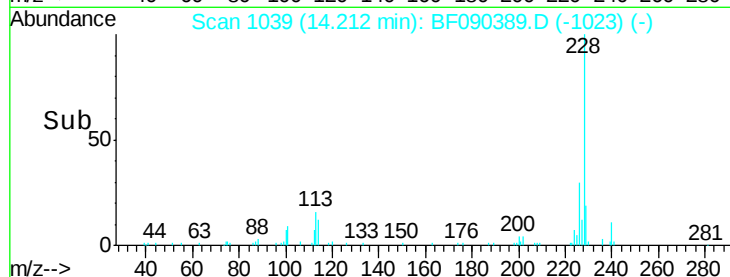
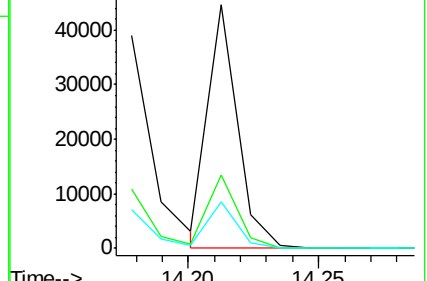
229 19.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.79 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

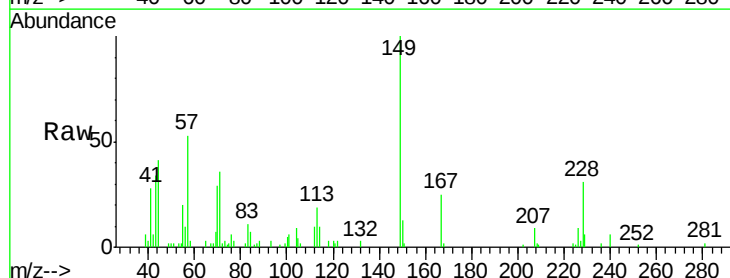
Tgt Ion:149 Resp: 26366

Ion Ratio Lower Upper

149 100

167 24.6 21.5 32.3

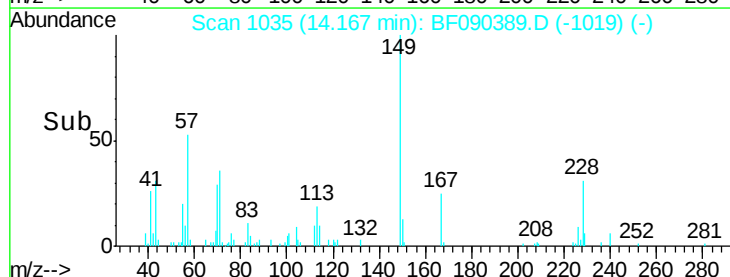
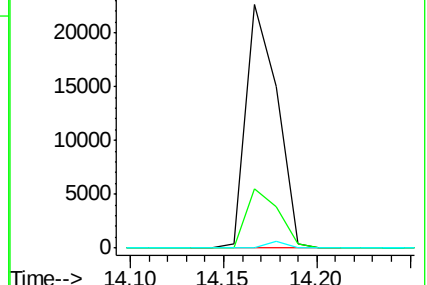
279 0.0 2.6 3.8#

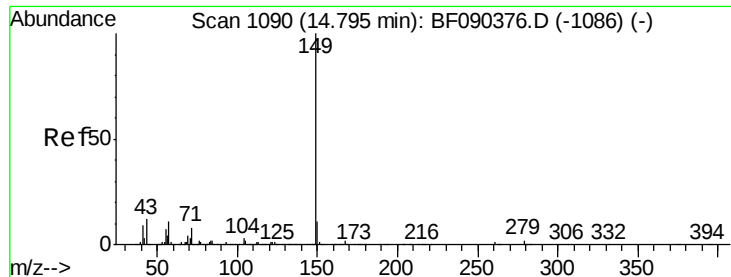


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.82 ng

RT: 14.78 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-05-QT4

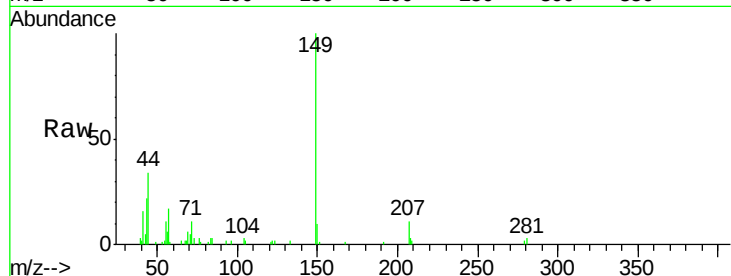
Tgt Ion:149 Resp: 40491

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

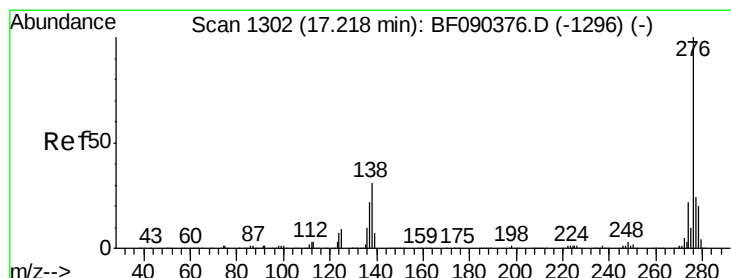
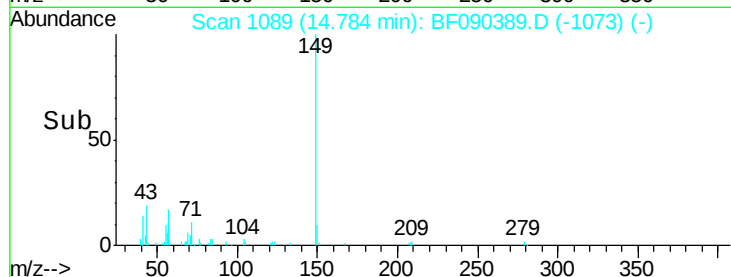
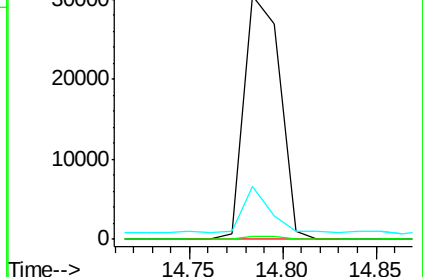
43 17.0 11.8 17.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng

RT: 17.20 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF090389.D

Acq: 5 Oct 2016 19:39

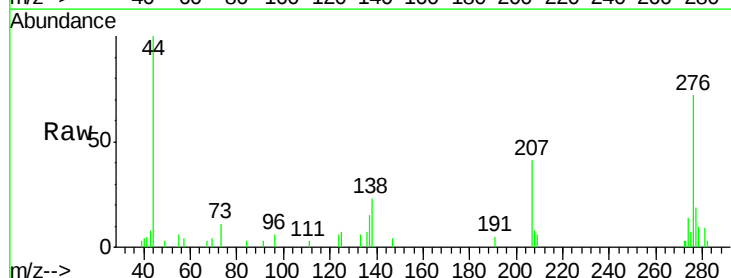
Tgt Ion:276 Resp: 19837

Ion Ratio Lower Upper

276 100

138 34.7 23.8 35.8

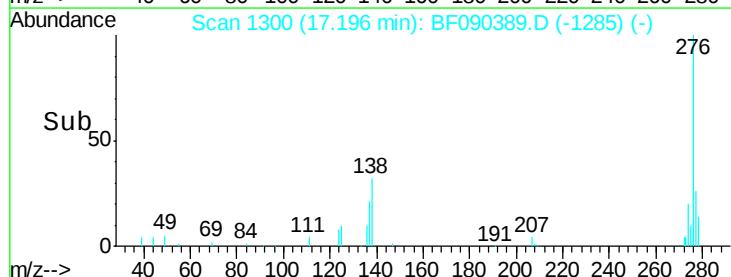
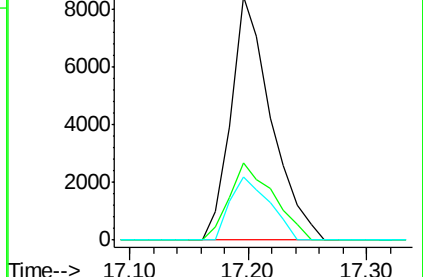
277 25.2 20.4 30.6

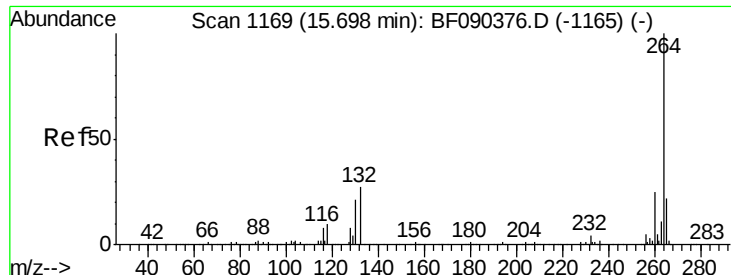


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

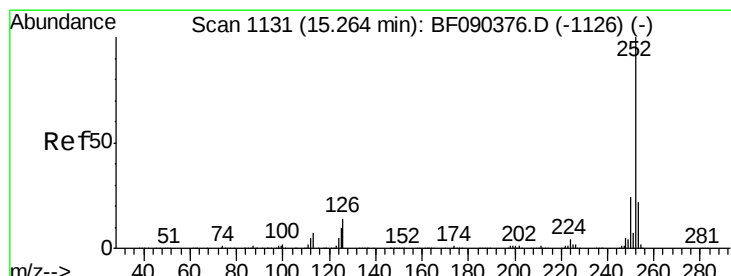
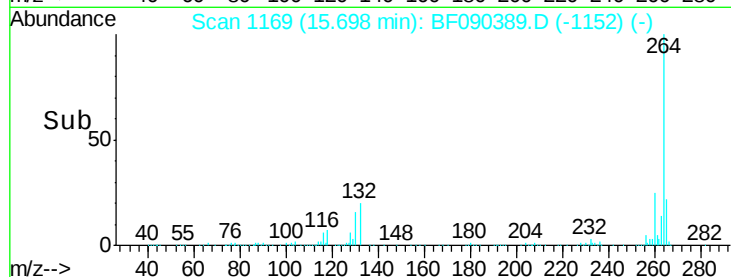
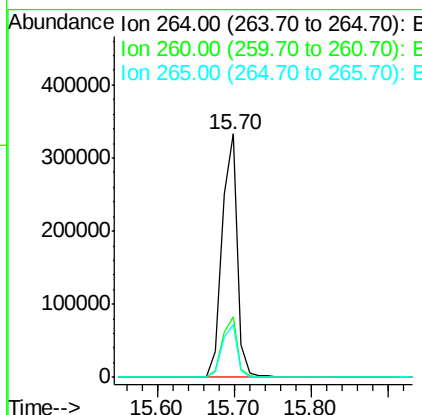
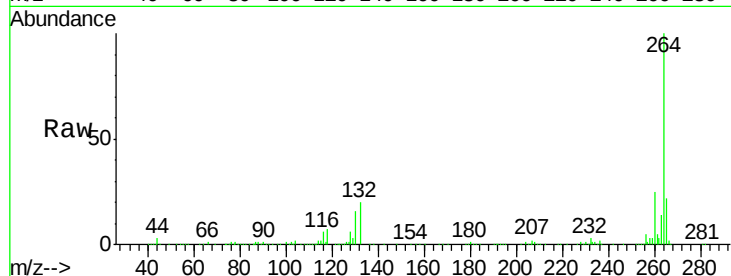




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

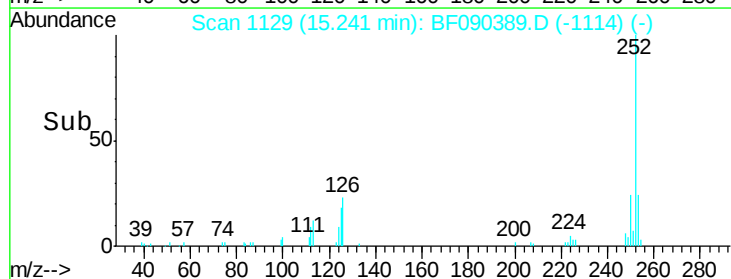
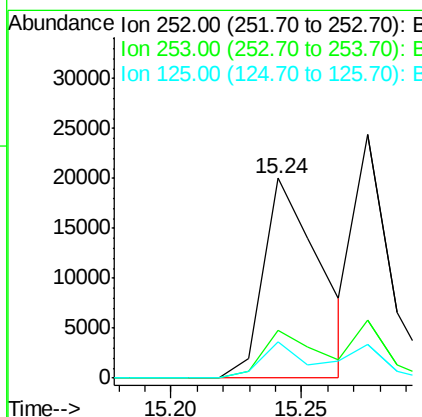
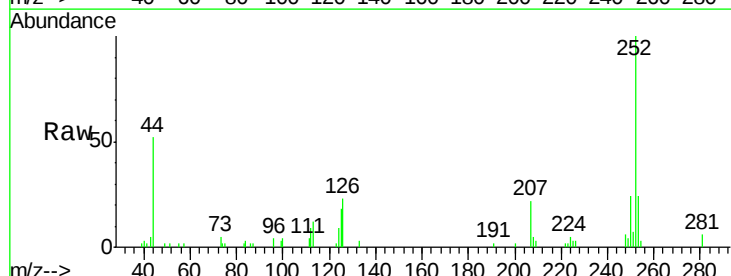
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

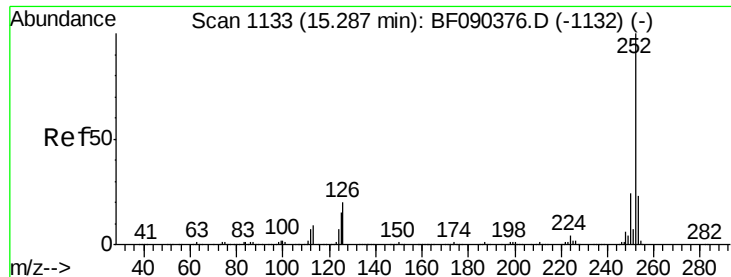
Tgt Ion: 264 Resp: 467598
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.6 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 252 Resp: 30116
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 18.4 7.0 10.4#

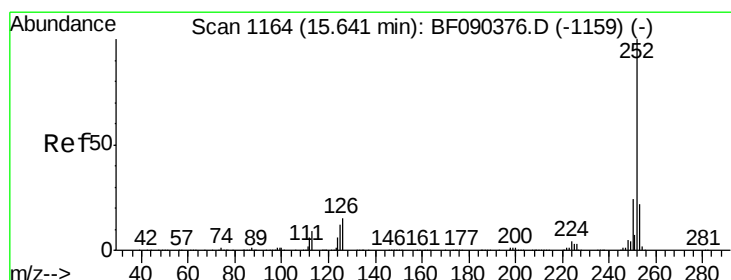
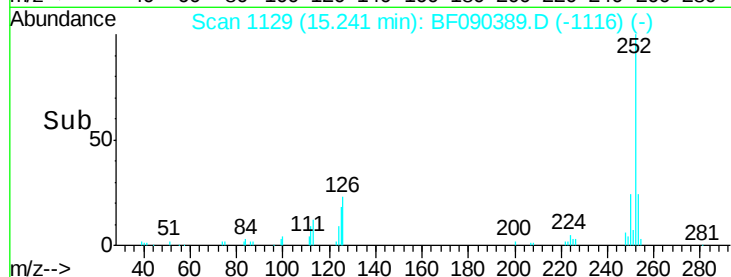
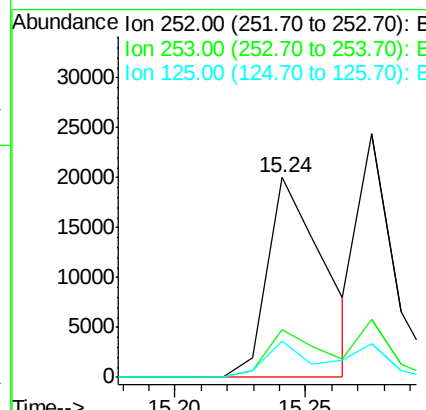
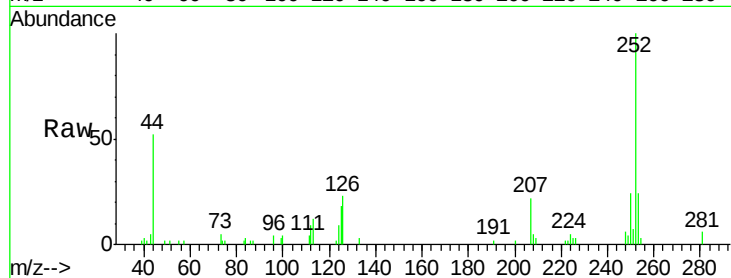




#88
Benzo(k)fluoranthene
Concen: 1.08 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

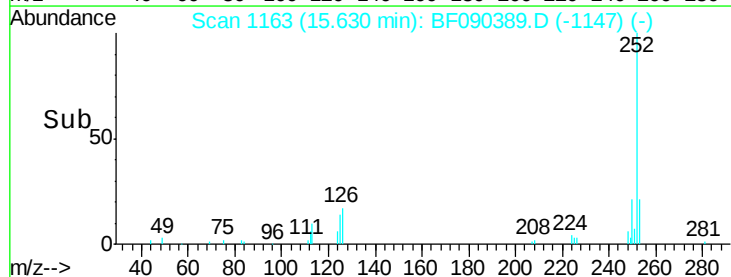
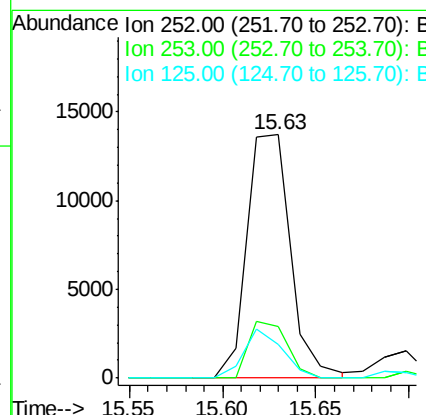
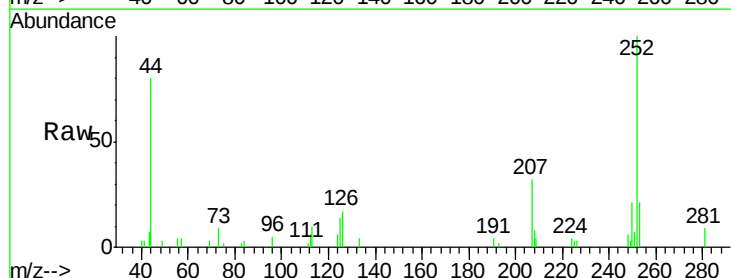
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

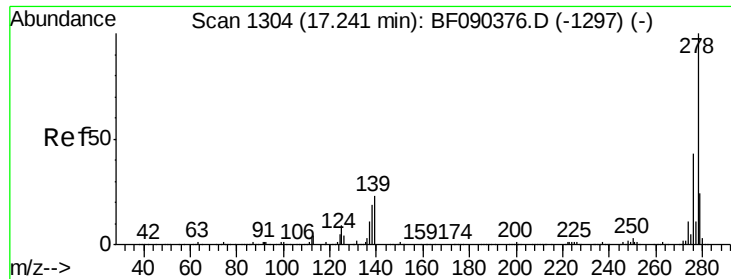
Tgt Ion:252 Resp: 30116
Ion Ratio Lower Upper
252 100
253 23.7 18.6 27.8
125 18.4 11.7 17.5#



#89
Benzo(a)pyrene
Concen: 0.87 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion:252 Resp: 22243
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 13.9 9.8 14.8

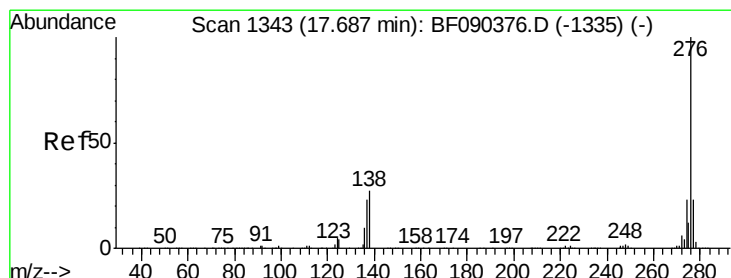
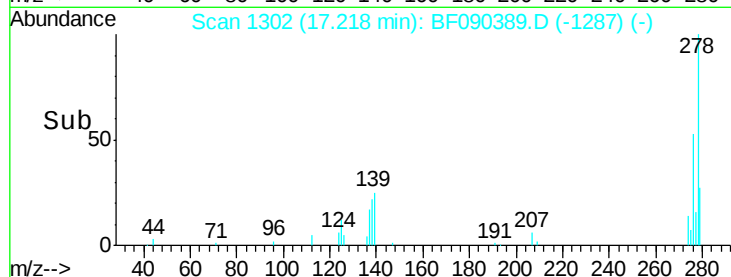
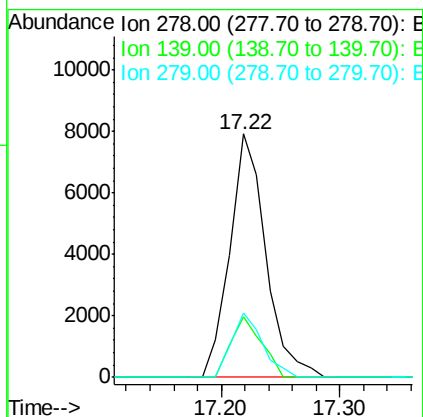
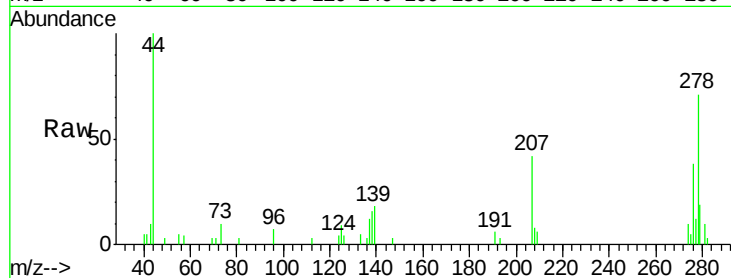




#90
Dibenzo(a,h)anthracene
Concen: 0.76 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 278 Resp: 16686
Ion Ratio Lower Upper
278 100
139 24.9 12.8 19.2#
279 26.5 19.6 29.4



#91
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 17.65 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF090389.D
Acq: 5 Oct 2016 19:39

Tgt Ion: 276 Resp: 16048
Ion Ratio Lower Upper
276 100
277 25.3 19.4 29.0
138 33.1 20.8 31.2#

