

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084201.D
 Acq On : 31 Dec 2015 18:12
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 01 23:21:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	292022	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1174552	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	549708	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1051573	20.00	ng	0.00
75) Chrysene-d12	14.05	240	754454	20.00	ng	-0.01
86) Perylene-d12	15.49	264	563042	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1885268	104.42	ng	0.01
7) Phenol-d6	6.53	99	2704054	119.25	ng	0.00
23) Nitrobenzene-d5	7.46	82	1564207	74.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	615079	110.83	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2561388	81.73	ng	0.00
78) Terphenyl-d14	13.01	244	2467034	72.99	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.40	79	71888	3.01	ng	# 70
4) n-Nitrosodimethylamine	3.28	42	46499	3.80	ng	# 66
6) Aniline	6.56	93	104056	3.14	ng	# 79
8) 2-Chlorophenol	6.68	128	98589	4.81	ng	95
9) Benzaldehyde	6.44	77	74544	5.05	ng	99
10) Phenol	6.53	94	72845	2.83	ng	# 1
11) bis(2-Chloroethyl)ether	6.64	93	92696	4.64	ng	91
12) 1,3-Dichlorobenzene	6.84	146	94375	4.47	ng	97
13) 1,4-Dichlorobenzene	7.07	146	97020	4.58	ng	95
14) 1,2-Dichlorobenzene	7.07	146	97020	4.78	ng	98
15) Benzyl Alcohol	7.04	79	104900	5.50	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	157597	4.33	ng	83
17) 2-Methylphenol	7.15	107	71006	4.14	ng	93
18) Hexachloroethane	7.41	117	33592	3.96	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	66423	4.33	ng	# 74
20) 3+4-Methylphenols	7.30	107	94655	4.69	ng	# 76
22) Acetophenone	7.30	105	128823	4.56	ng	# 77
24) Nitrobenzene	7.48	77	96497	4.51	ng	92
25) Isophorone	7.72	82	167823	4.16	ng	95
26) 2-Nitrophenol	7.80	139	34408	3.53	ng	95
27) 2,4-Dimethylphenol	7.84	122	84281	4.27	ng	90
28) bis(2-Chloroethoxy)methane	7.93	93	101551	4.12	ng	97
29) 2,4-Dichlorophenol	8.03	162	65914	4.01	ng	92
30) 1,2,4-Trichlorobenzene	8.12	180	70834	4.18	ng	97
31) Naphthalene	8.20	128	250427	4.70	ng	97
32) Benzoic acid	7.87	122	11770	7.06	ng	# 80
33) 4-Chloroaniline	8.25	127	89664	3.67	ng	96
34) Hexachlorobutadiene	8.33	225	41437	4.25	ng	96
35) Caprolactam	8.58	113	21455	3.87	ng	# 59
36) 4-Chloro-3-methylphenol	8.73	107	85732	4.66	ng	99
37) 2-Methylnaphthalene	8.90	142	182637	4.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	67937	4.30	ng	98
40) Hexachlorocyclopentadiene	9.06	237	35597	3.73	ng	99
42) 2,4,6-Trichlorophenol	9.17	196	52631	4.45	ng	94

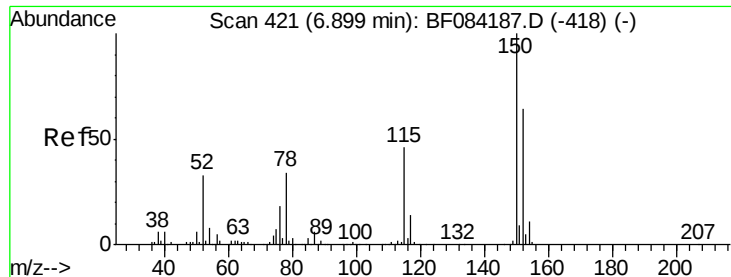
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084201.D
 Acq On : 31 Dec 2015 18:12
 Operator : UM/SJ
 Sample : G4825-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 01 23:21:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	47023	4.15	ng	# 90
45) 1,1'-Biphenyl	9.37	154	203644	4.66	ng	97
46) 2-Chloronaphthalene	9.39	162	152761	4.45	ng	# 86
47) 2-Nitroaniline	9.47	65	40675	3.59	ng	# 80
48) Acenaphthylene	9.80	152	250763	4.95	ng	99
49) Dimethylphthalate	9.65	163	171983	4.38	ng	# 90
50) 2,6-Dinitrotoluene	9.72	165	34410	3.99	ng	96
51) Acenaphthene	9.97	154	162199	4.77	ng	96
52) 3-Nitroaniline	9.88	138	41759	3.91	ng	95
53) 2,4-Dinitrophenol	9.98	184	1983	4.07	ng	# 1
54) Dibenzofuran	10.14	168	232019	2.46	ng	98
55) 4-Nitrophenol	10.03	139	24020	3.10	ng	# 73
56) 2,4-Dinitrotoluene	10.12	165	39789	3.65	ng	# 67
57) Fluorene	10.49	166	184646	3.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	41572	4.30	ng	91
59) Diethylphthalate	10.36	149	198686	5.13	ng	98
60) 4-Chlorophenyl-phenylether	10.49	204	80803	Below Cal	ng	# 84
61) 4-Nitroaniline	10.49	138	37446	3.93	ng	90
62) Azobenzene	10.64	77	178370	4.20	ng	83
64) 4,6-Dinitro-2-methylphenol	10.52	198	9695	7.52	ng	78
65) n-Nitrosodiphenylamine	10.60	169	143499	4.27	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	51559	4.56	ng	# 71
67) Hexachlorobenzene	11.04	284	54720	4.30	ng	# 92
68) Atrazine	11.12	200	46820	4.26	ng	97
70) Phenanthrene	11.45	178	288689	5.25	ng	99
71) Anthracene	11.49	178	263897	4.89	ng	98
72) Carbazole	11.65	167	235613	4.47	ng	96
74) Fluoranthene	12.64	202	258260	4.49	ng	94
76) Benzidine	12.75	184	60238	2.23	ng	94
77) Pyrene	12.87	202	267447	4.52	ng	96
79) Butylbenzylphthalate	13.48	149	95346	3.72	ng	# 71
80) Benzo(a)anthracene	14.04	228	195716	4.42	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	38121	2.47	ng	# 90
82) Chrysene	14.09	228	179583	4.22	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	140769	4.35	ng	# 97
84) Di-n-octyl phthalate	14.66	149	194913	3.57	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.91	276	133081	3.94	ng	99
87) Benzo(b)fluoranthene	15.08	252	152558	4.14	ng	98
88) Benzo(k)fluoranthene	15.08	252	152558	5.06	ng	# 94
89) Benzo(a)pyrene	15.44	252	128982	4.13	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	107604	4.00	ng	99
91) Benzo(g,h,i)perylene	17.33	276	111731	4.01	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

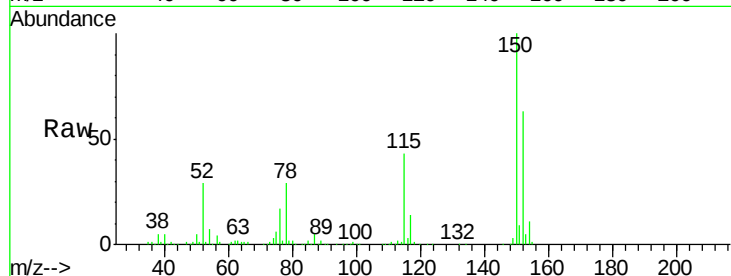
Tgt Ion:152 Resp: 292022

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

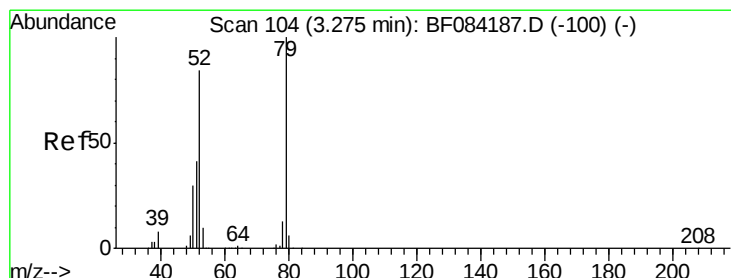
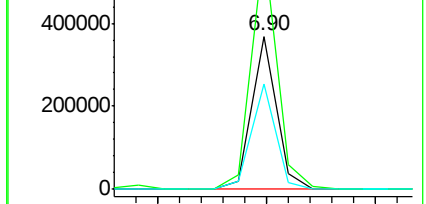
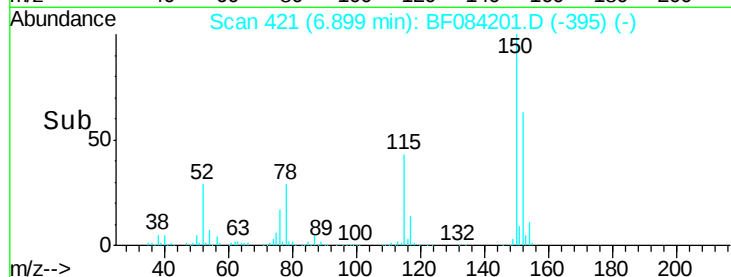
115 69.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 3.01 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.13 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

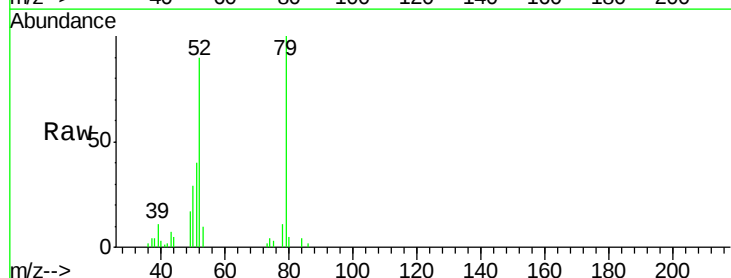
Tgt Ion: 79 Resp: 71888

Ion Ratio Lower Upper

79 100

52 90.2 49.0 73.4#

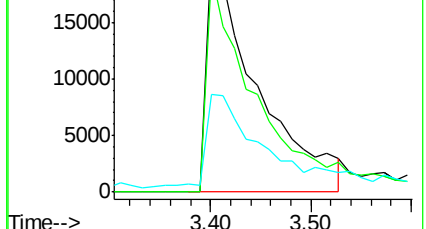
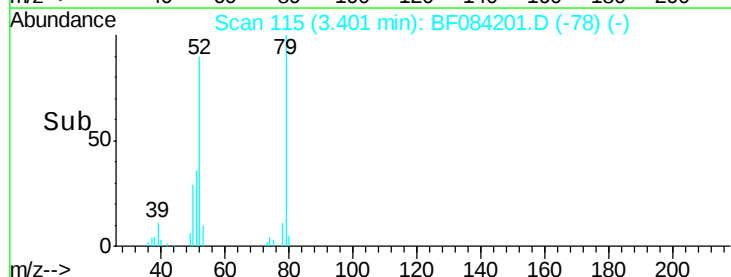
51 40.1 25.2 37.8#

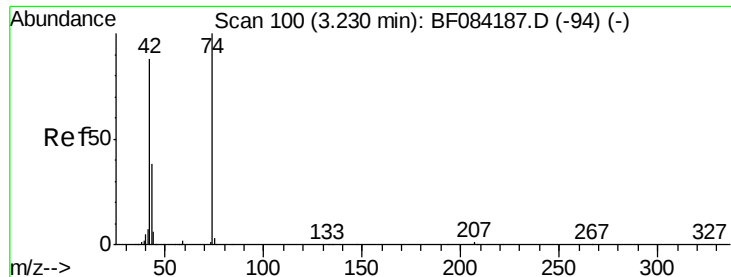


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 3.80 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.05 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

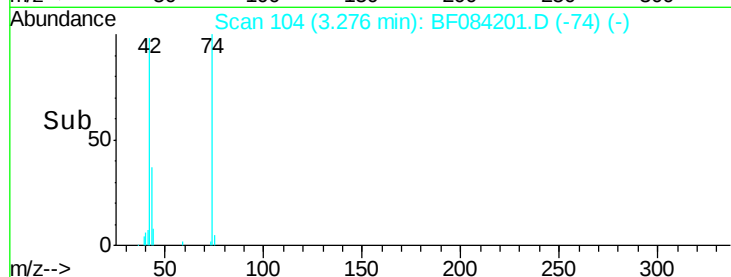
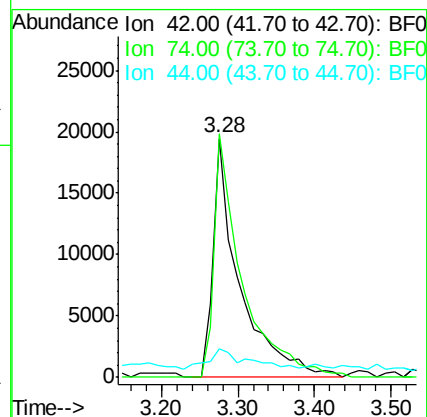
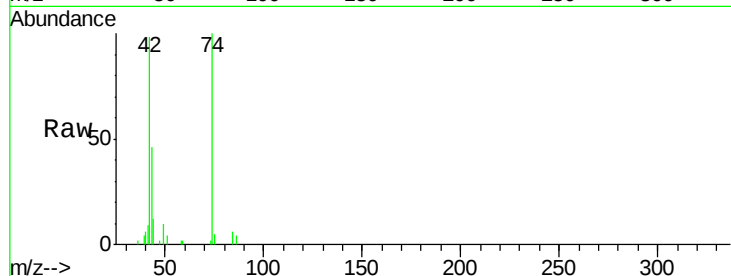
Tgt Ion: 42 Resp: 46499

Ion Ratio Lower Upper

42 100

74 102.0 115.7 173.5#

44 11.9 5.1 7.7#



#5

2-Fluorophenol

Concen: 104.42 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

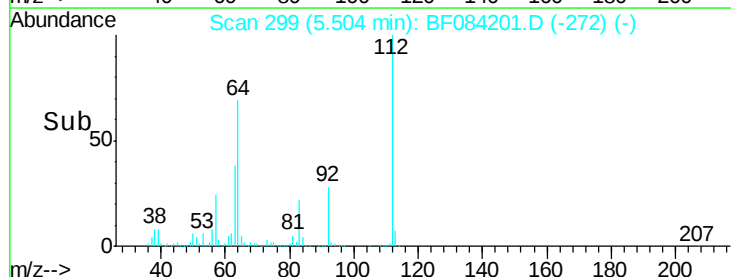
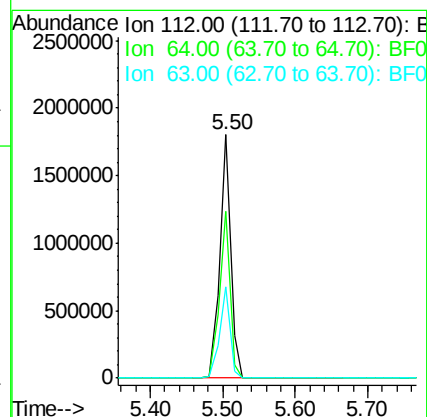
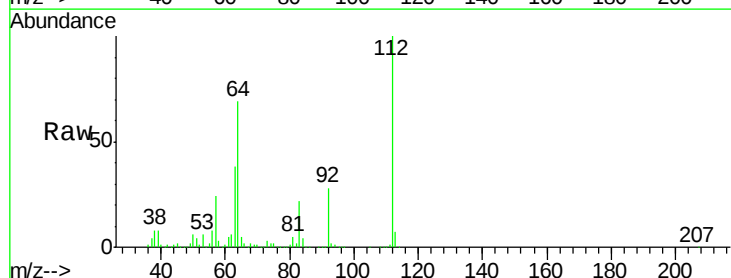
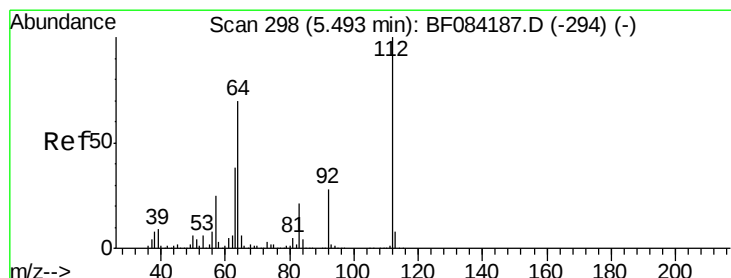
Tgt Ion: 112 Resp: 1885268

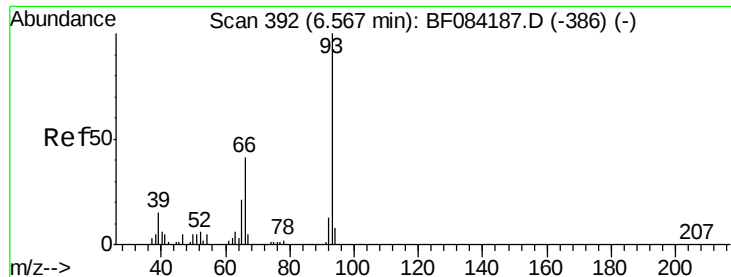
Ion Ratio Lower Upper

112 100

64 68.6 36.6 55.0#

63 37.5 19.4 29.0#





#6

Aniline

Concen: 3.14 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

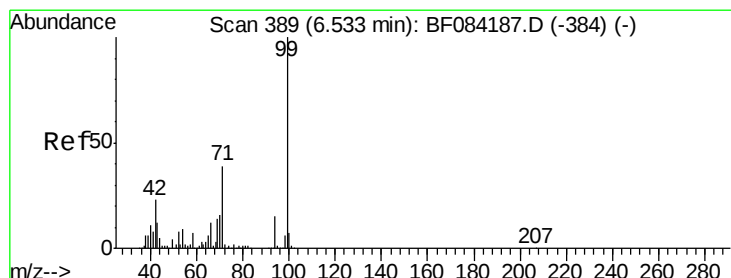
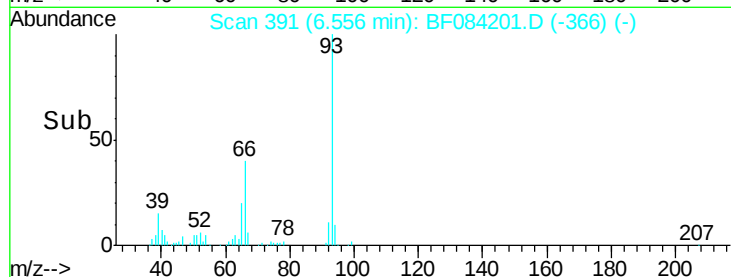
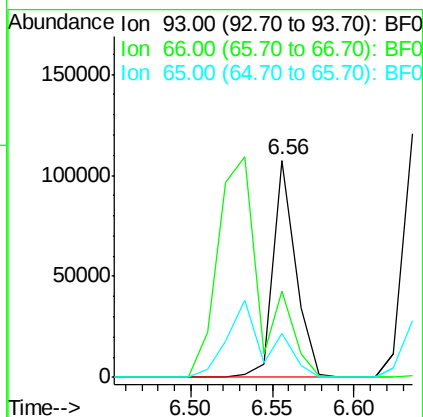
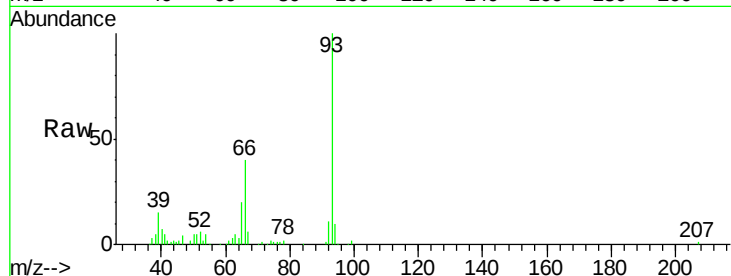
Tgt Ion: 93 Resp: 104056

Ion Ratio Lower Upper

93 100

66 39.6 44.9 67.3#

65 20.2 23.7 35.5#



#7

Phenol-d6

Concen: 119.25 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

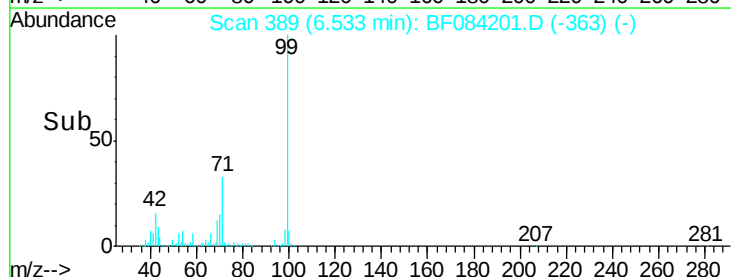
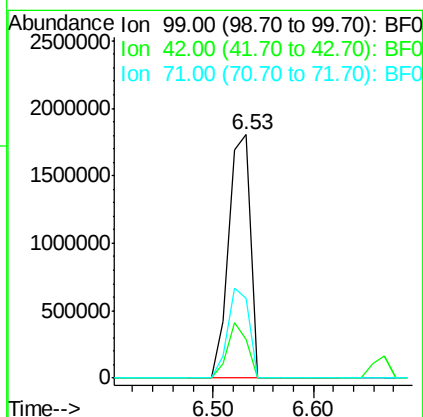
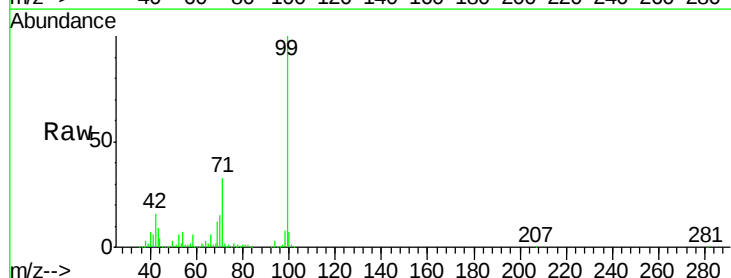
Tgt Ion: 99 Resp: 2704054

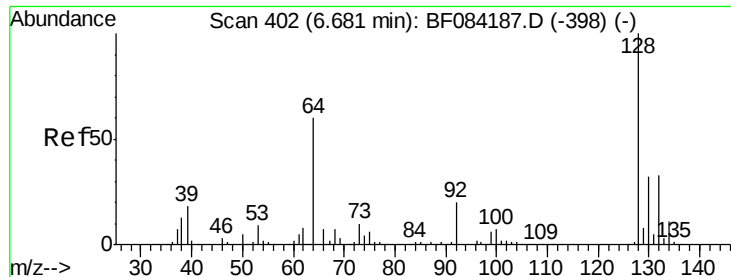
Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 32.8 30.9 46.3





#8

2-Chlorophenol

Concen: 4.81 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

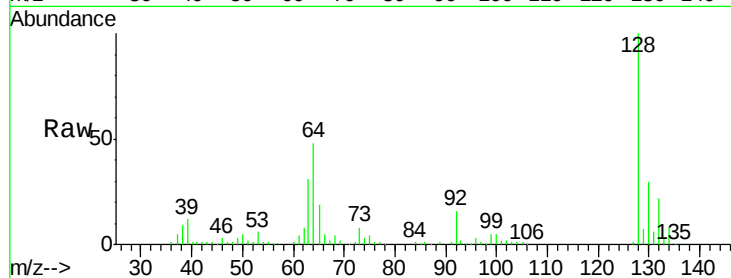
Tgt Ion:128 Resp: 98589

Ion Ratio Lower Upper

128 100

130 29.7 11.6 51.6

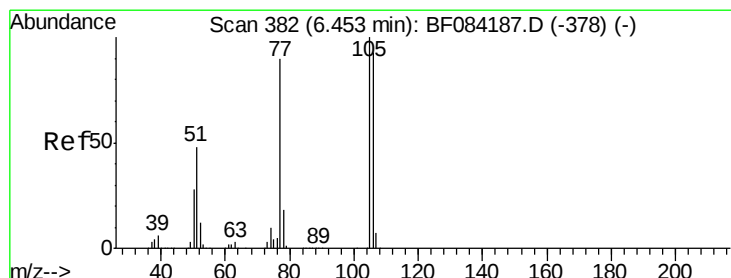
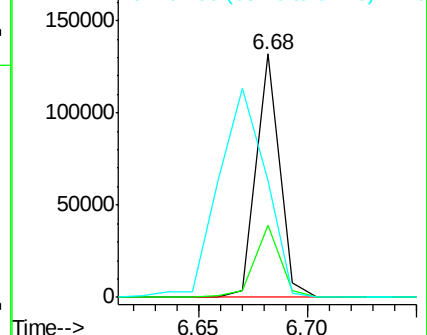
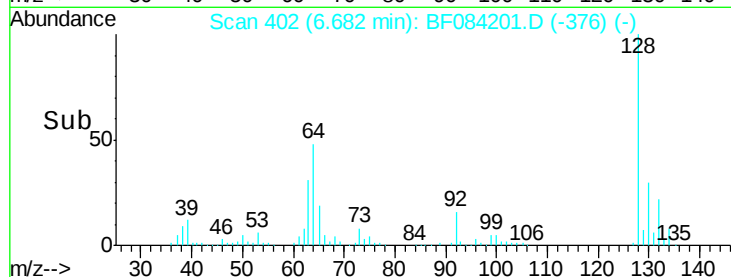
64 48.1 23.8 63.8



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: 5.05 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

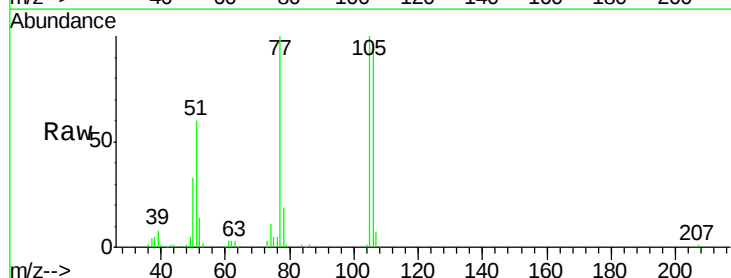
Tgt Ion: 77 Resp: 74544

Ion Ratio Lower Upper

77 100

105 100.4 83.0 123.0

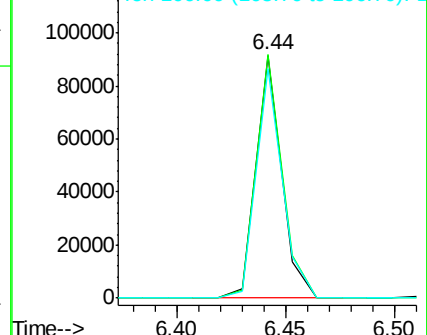
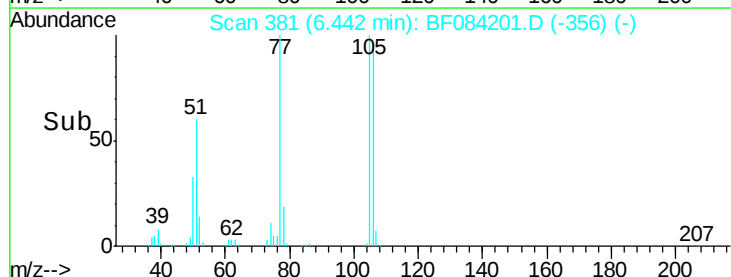
106 94.5 74.6 114.6

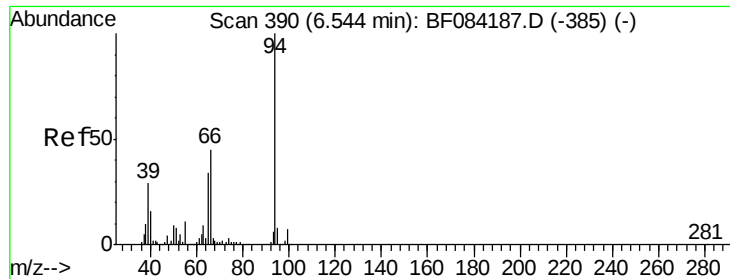


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.83 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

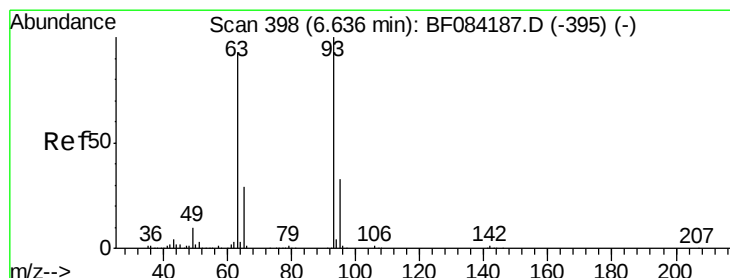
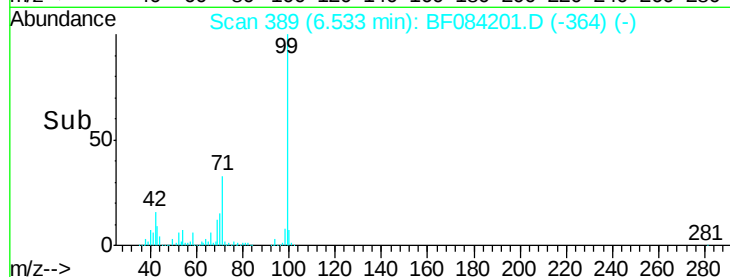
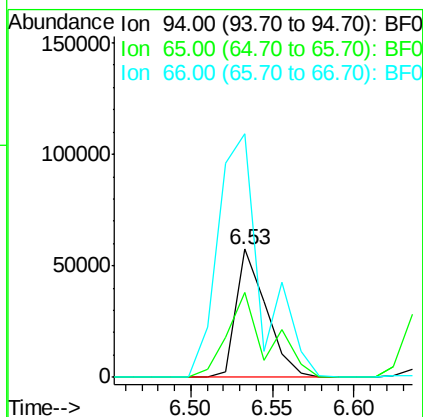
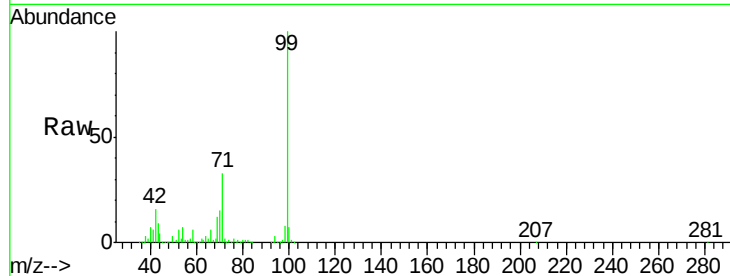
Tgt Ion: 94 Resp: 72845

Ion Ratio Lower Upper

94 100

65 66.6 12.9 52.9#

66 190.1 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 4.64 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

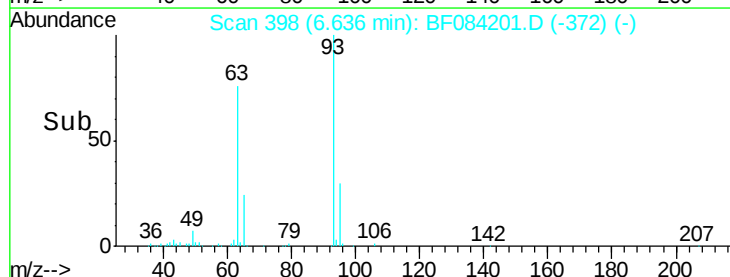
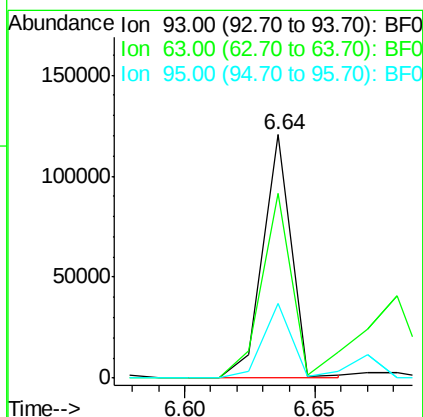
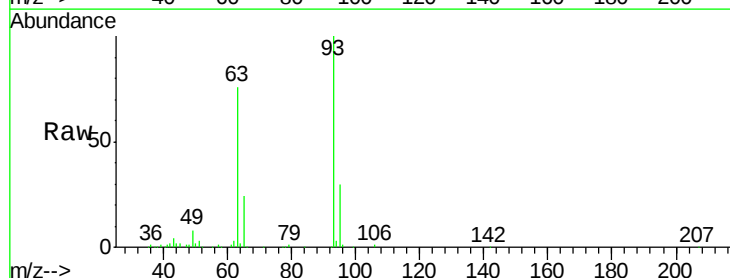
Tgt Ion: 93 Resp: 92696

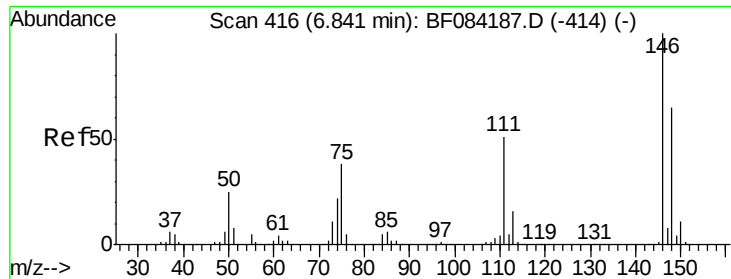
Ion Ratio Lower Upper

93 100

63 75.9 45.9 85.9

95 30.5 12.3 52.3

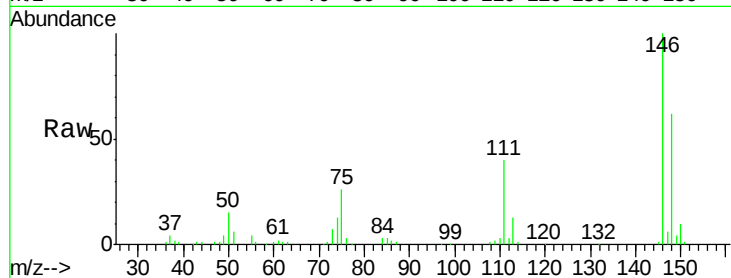




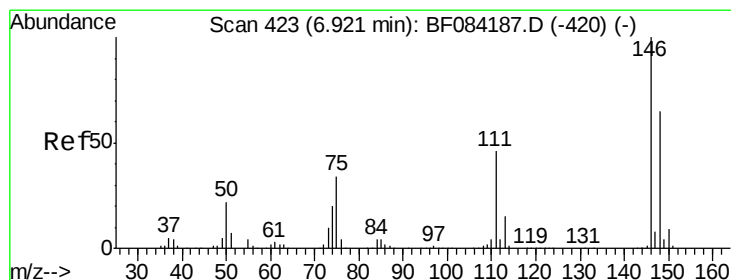
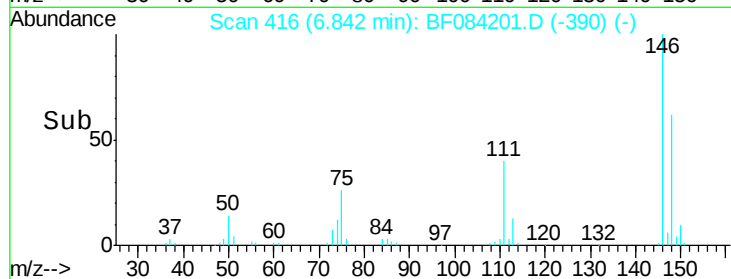
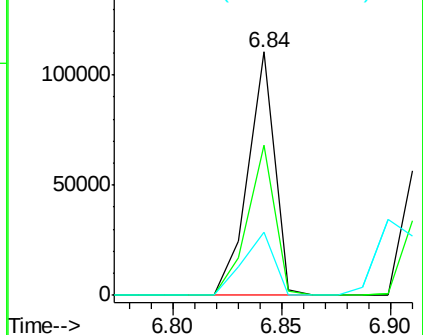
#12
 1,3-Dichlorobenzene
 Concen: 4.47 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:146 Resp: 94375
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.9 77.9
 75 25.7 20.5 30.7

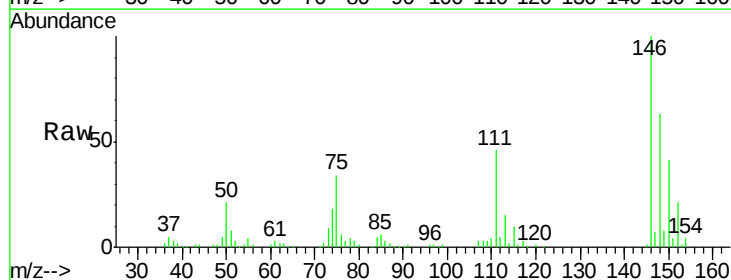


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

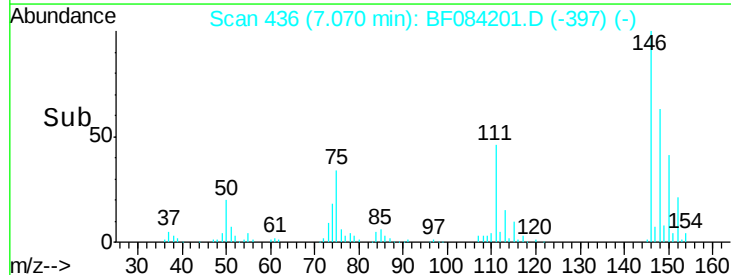
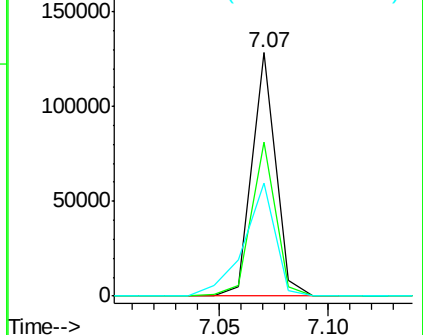


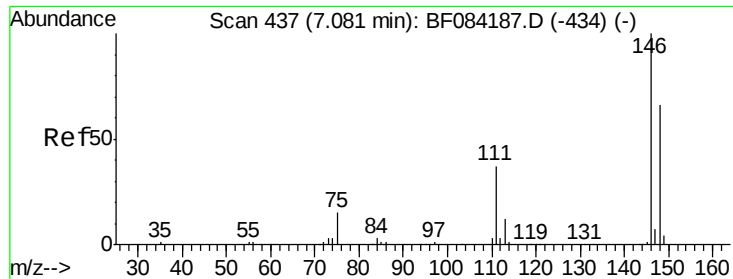
#13
 1,4-Dichlorobenzene
 Concen: 4.58 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.15 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion:146 Resp: 97020
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 46.5 41.6 62.4



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

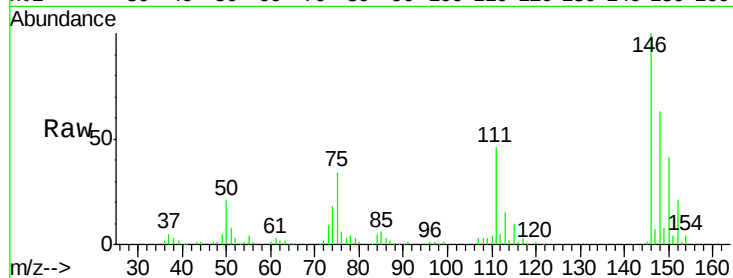




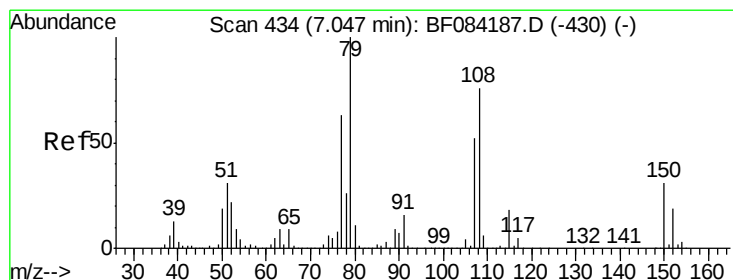
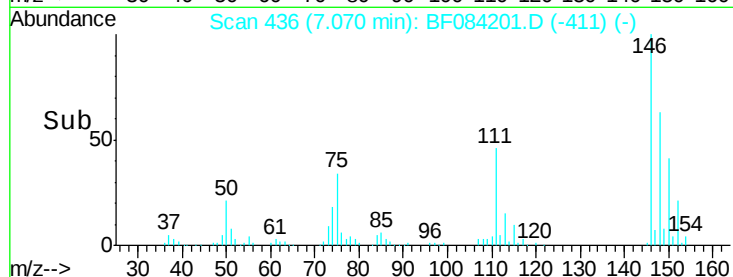
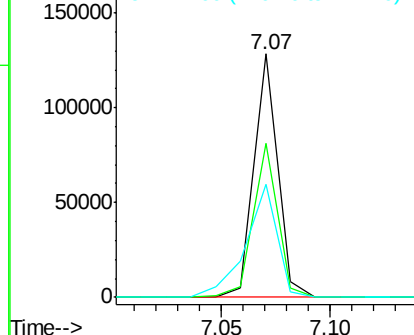
#14
1,2-Dichlorobenzene
Concen: 4.78 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:146 Resp: 97020
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 46.5 38.0 57.0

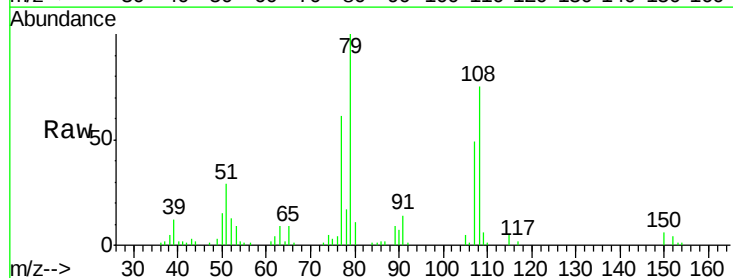


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

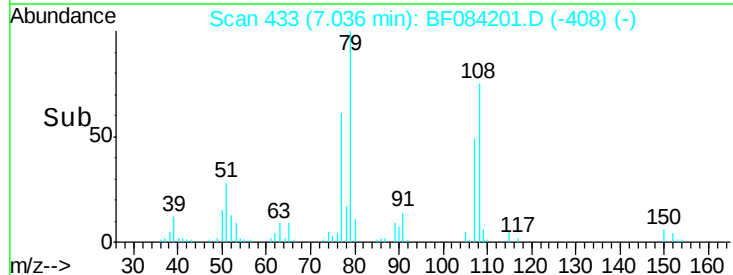
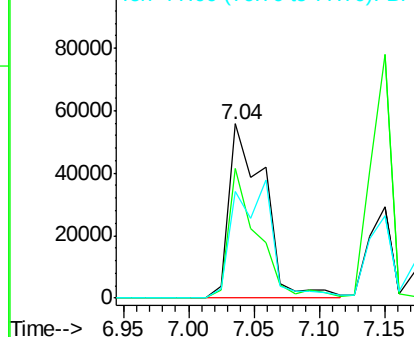


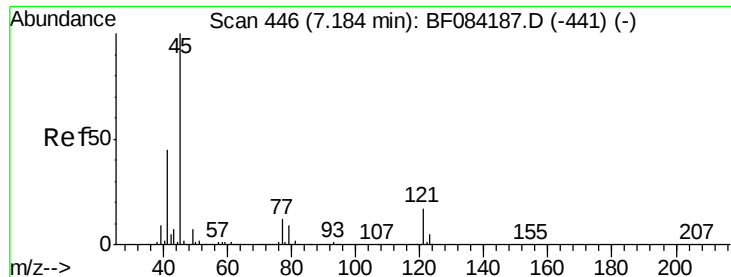
#15
Benzyl Alcohol
Concen: 5.50 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 79 Resp: 104900
Ion Ratio Lower Upper
79 100
108 74.6 69.0 103.4
77 61.0 50.0 75.0



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

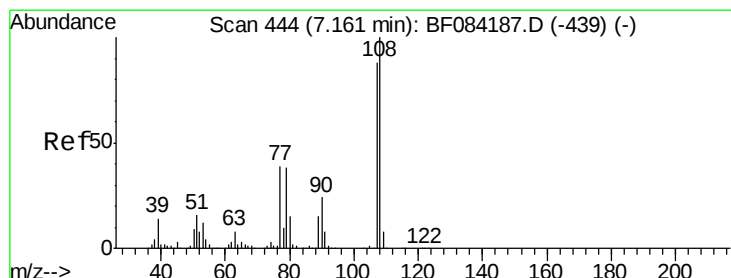
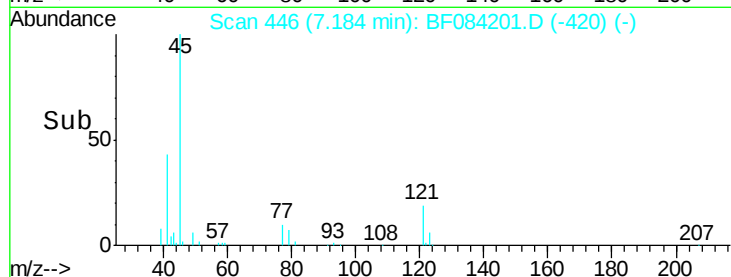
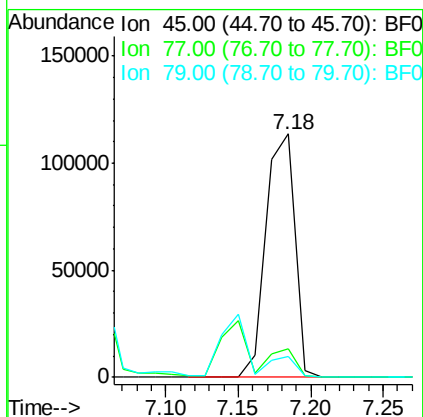
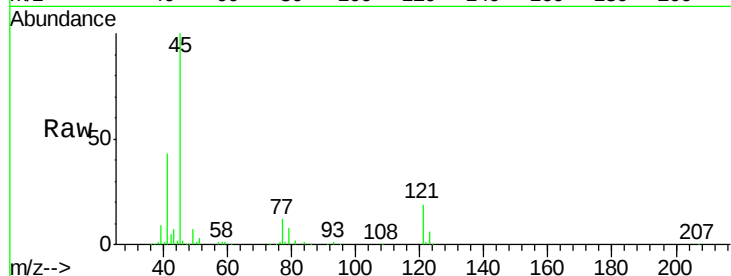




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.33 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

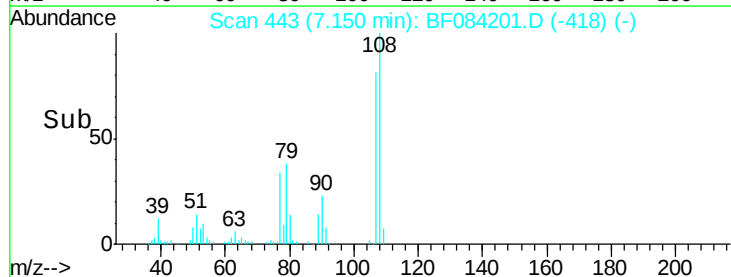
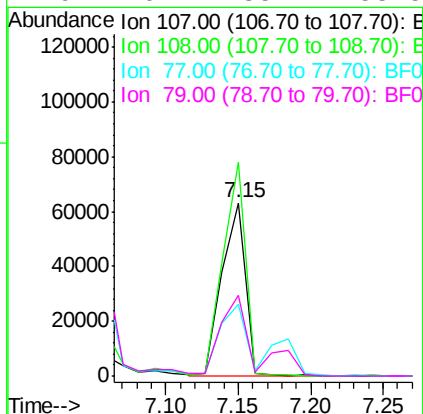
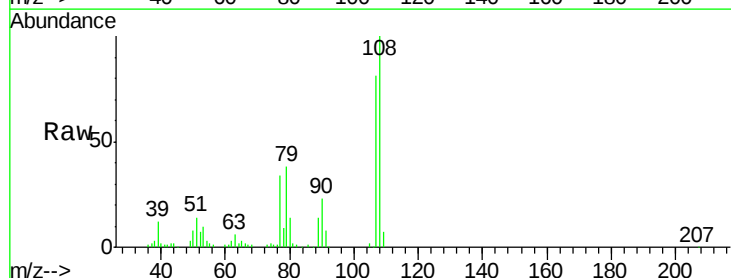
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

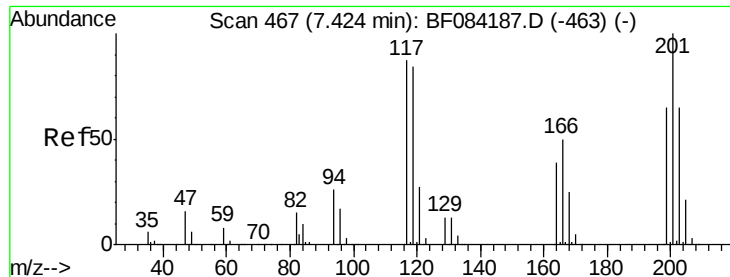
Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	39.6
79	8.4	0.0	35.0



#17
2-Methylphenol
Concen: 4.14 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	123.3	89.8	134.6
77	41.7	35.7	53.5
79	46.4	35.7	53.5

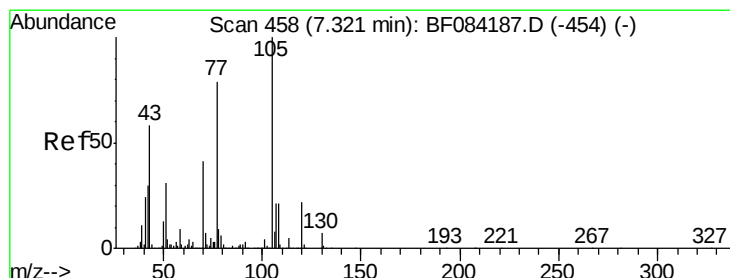
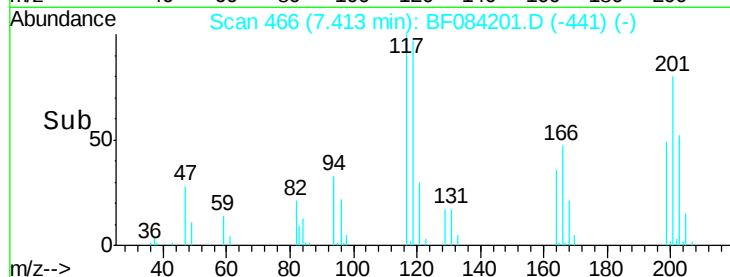
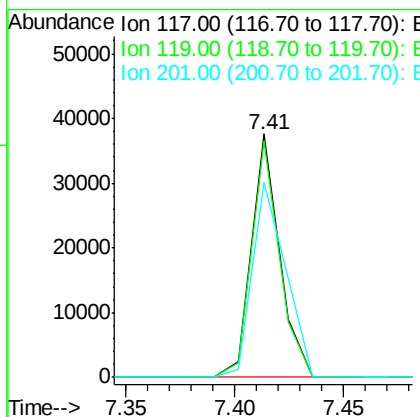
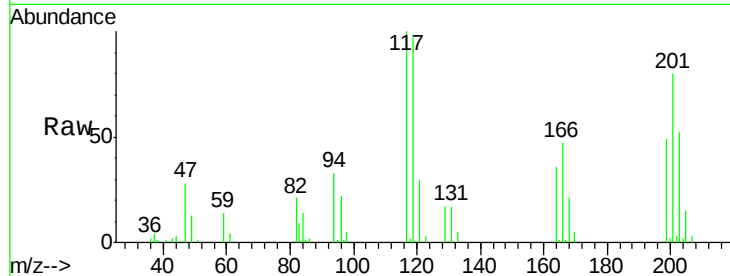




#18
Hexachloroethane
Concen: 3.96 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

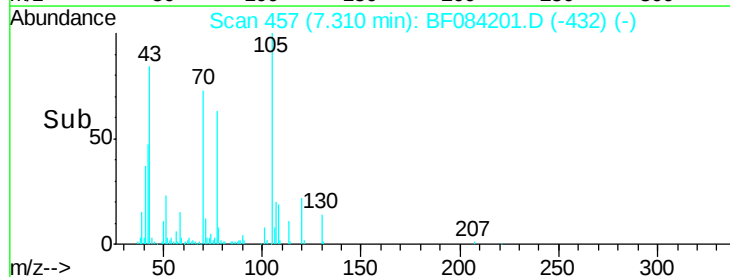
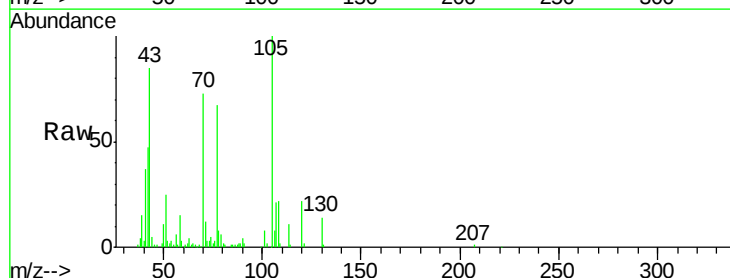
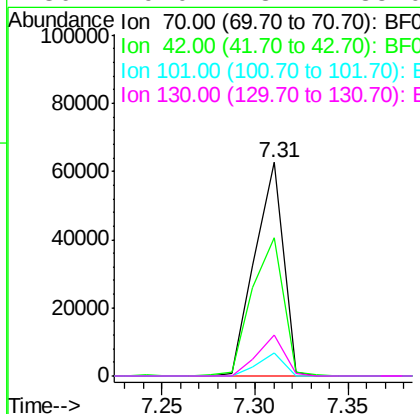
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

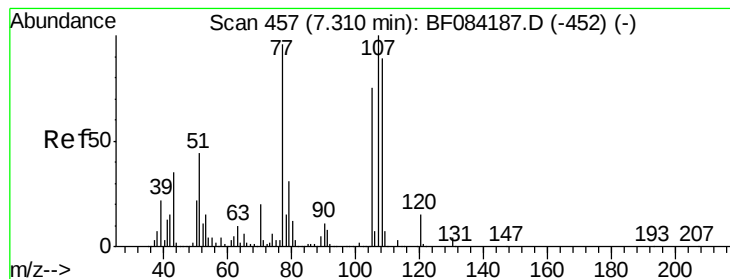
Tgt Ion: 117 Resp: 33592
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 80.2 68.6 103.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.33 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 70 Resp: 66423
Ion Ratio Lower Upper
70 100
42 65.0 33.3 49.9#
101 10.5 9.3 13.9
130 19.0 23.4 35.0#





#20

3+4-Methylphenols

Concen: 4.69 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:107 Resp: 94655

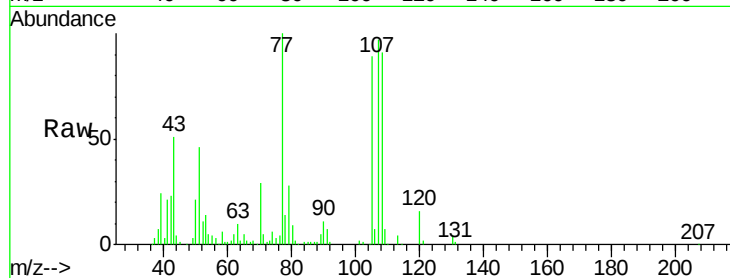
Ion Ratio Lower Upper

107 100

108 94.0 64.1 104.1

77 102.9 128.9 168.9#

79 29.2 9.6 49.6

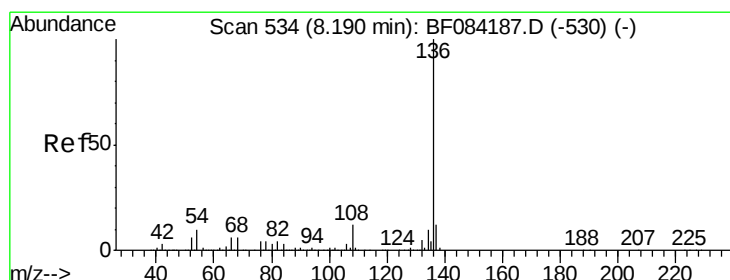
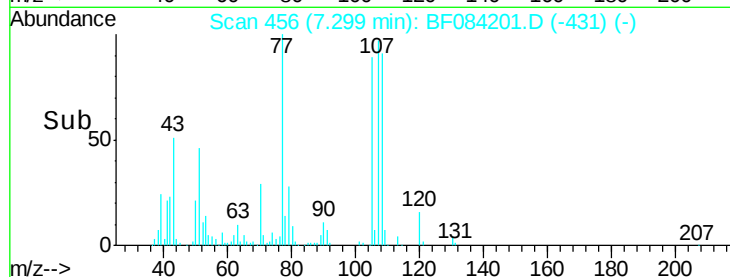
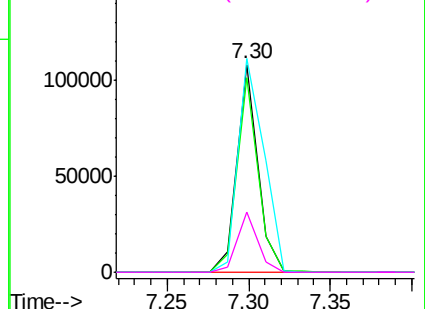


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Tgt Ion:136 Resp: 1174552

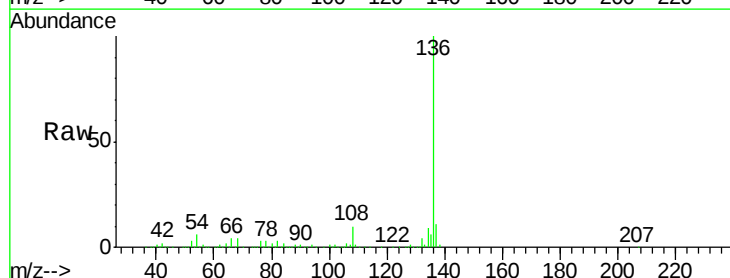
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.4 5.8 8.8

68 3.9 4.2 6.2#

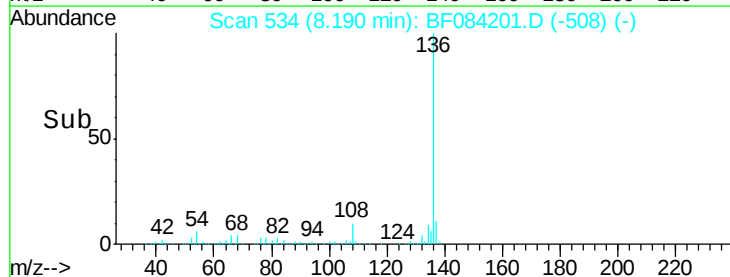
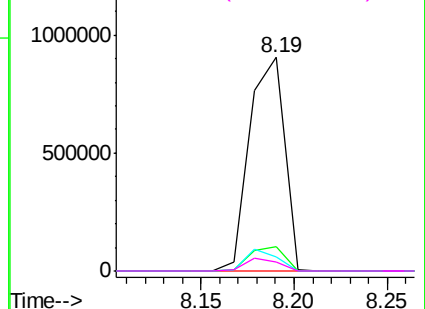


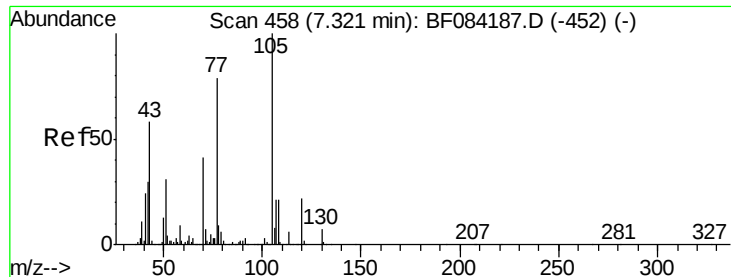
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 4.56 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

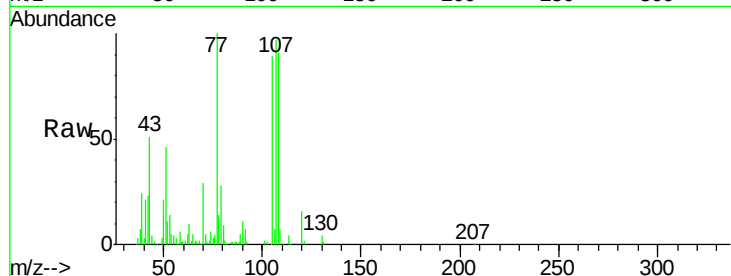
Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:	105	Resp:	128823
Ion Ratio	Lower	Upper	
105	100		
71	5.5	3.7	5.5
51	51.7	25.1	37.7#
120	18.2	16.6	25.0

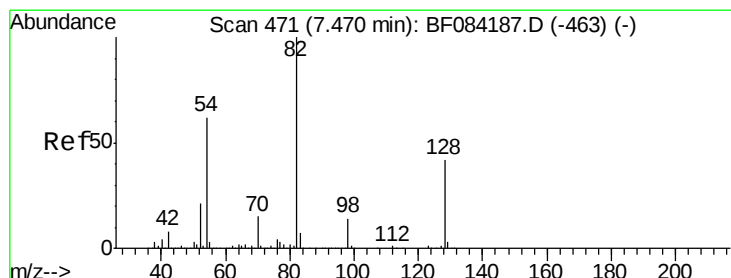
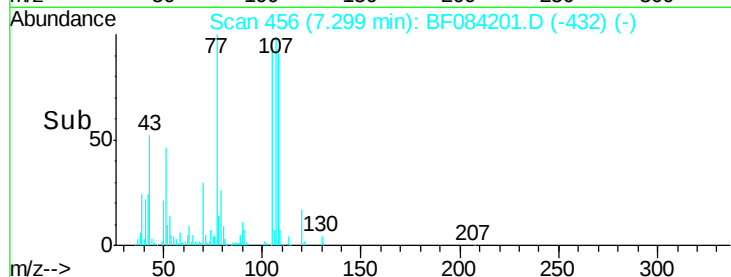
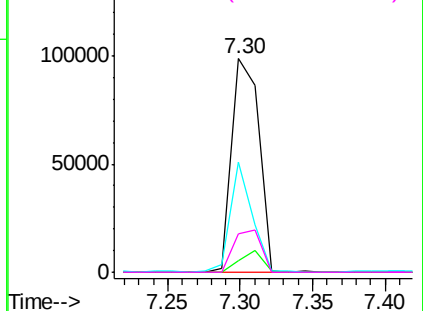


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.12 ng

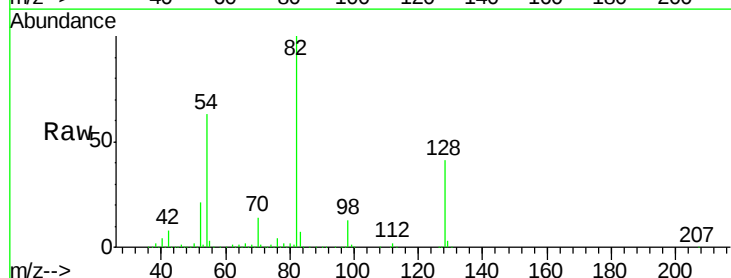
RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

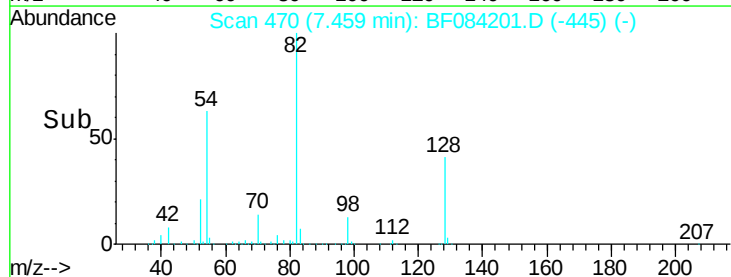
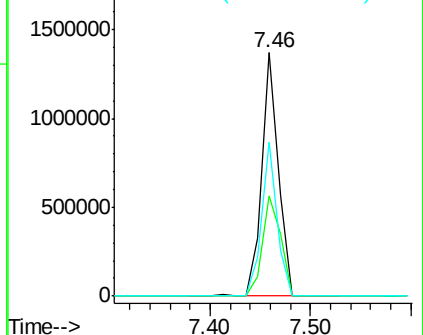
Tgt Ion:	82	Resp:	1564207
Ion Ratio	Lower	Upper	
82	100		
128	41.1	34.6	51.8
54	63.1	38.4	57.6#

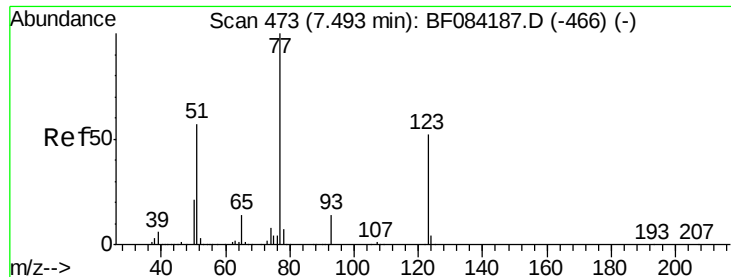


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

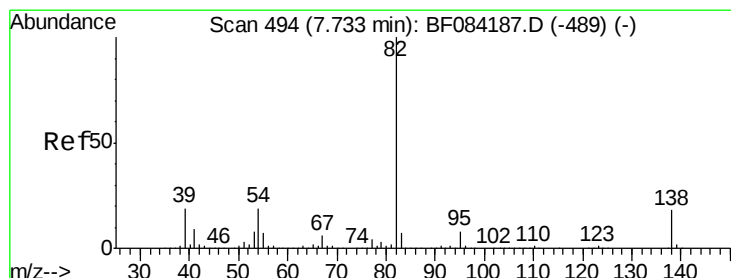
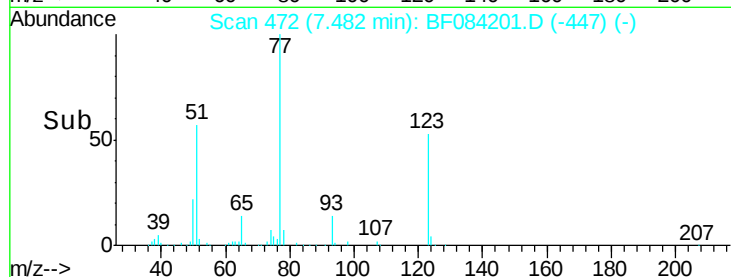
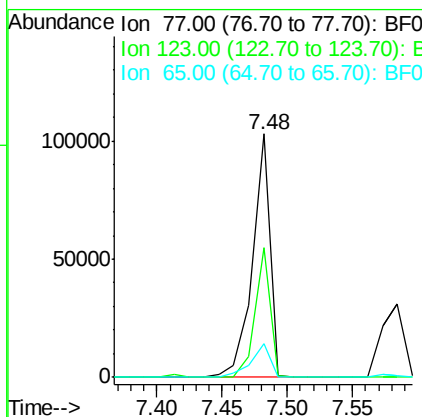
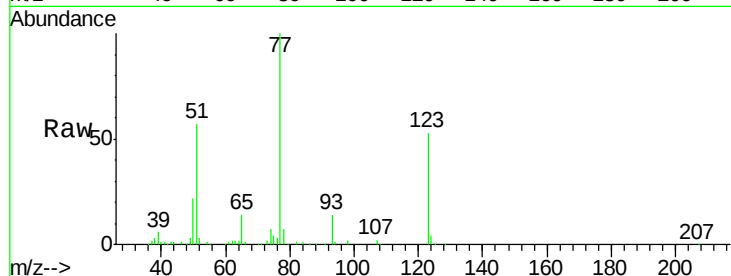




#24
 Nitrobenzene
 Concen: 4.51 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

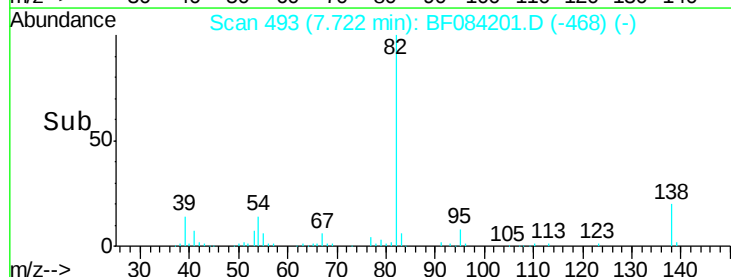
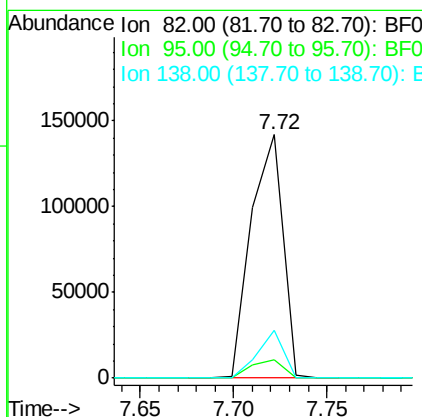
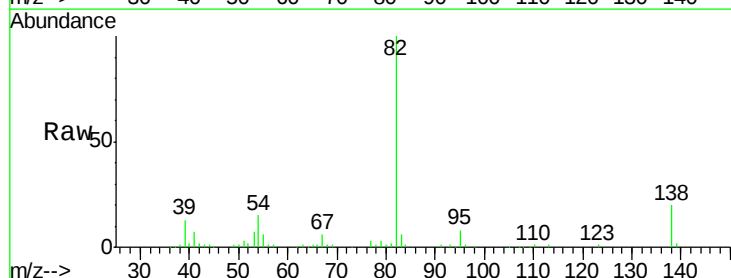
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

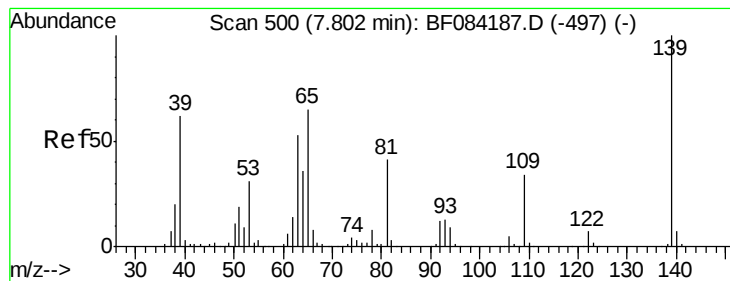
Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	37.4	56.2
65	13.8	10.9	16.3



#25
 Isophorone
 Concen: 4.16 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	10.0
138	19.7	13.6	20.4





#26

2-Nitrophenol

Concen: 3.53 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

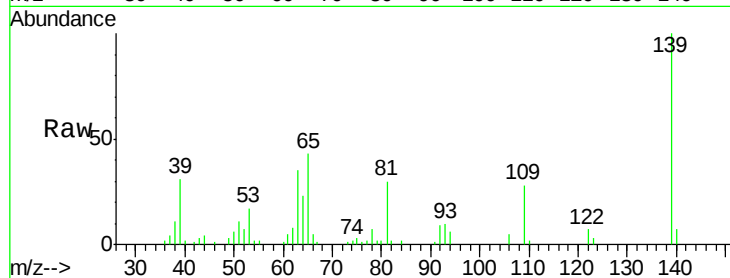
Tgt Ion:139 Resp: 34408

Ion Ratio Lower Upper

139 100

109 28.4 25.4 38.2

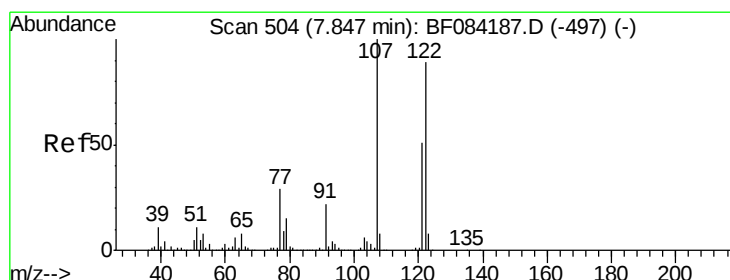
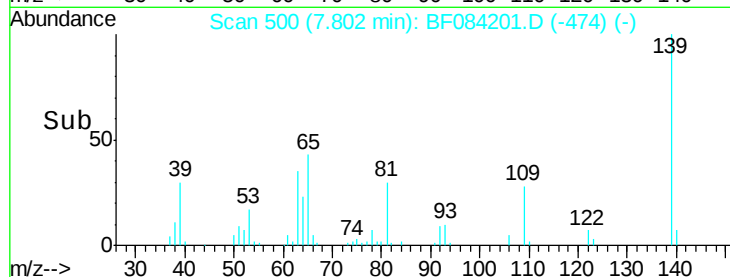
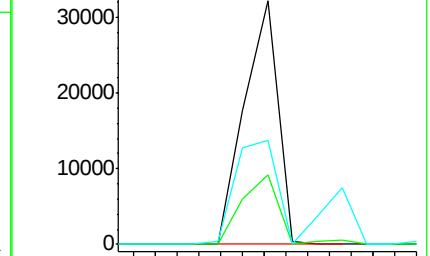
65 42.6 32.3 48.5



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



#27

2,4-Dimethylphenol

Concen: 4.27 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

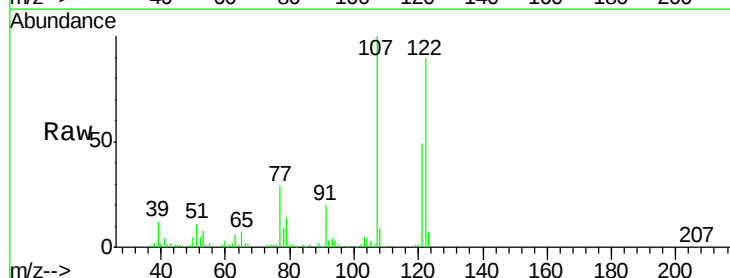
Tgt Ion:122 Resp: 84281

Ion Ratio Lower Upper

122 100

107 110.7 99.1 148.7

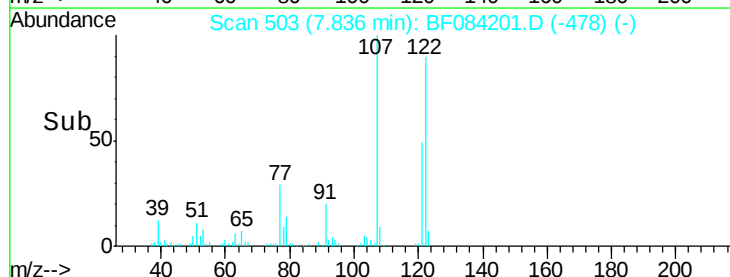
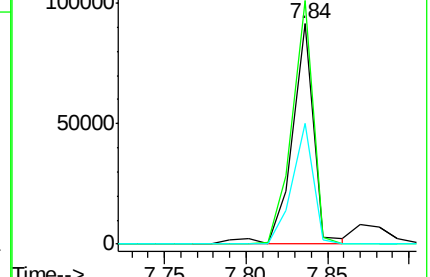
121 54.8 47.9 71.9

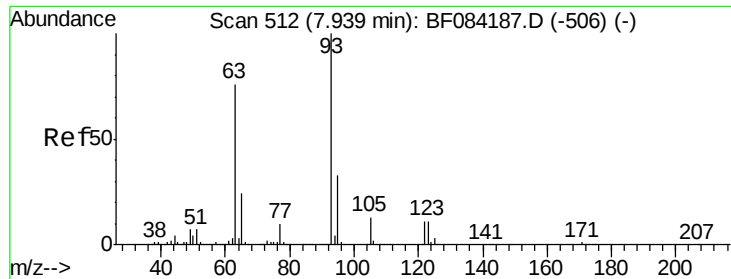


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

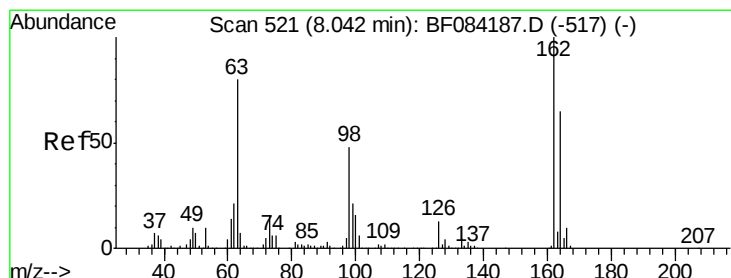
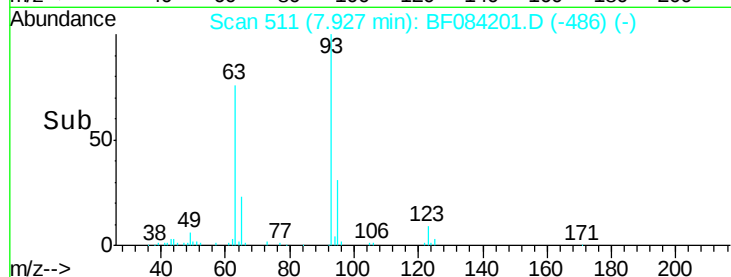
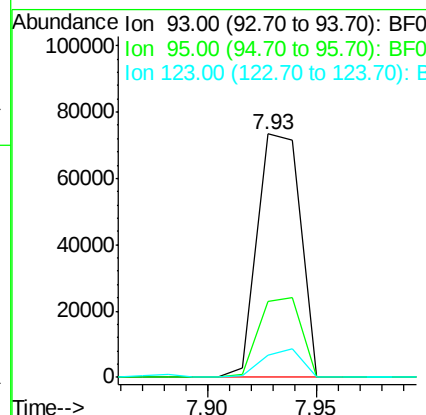
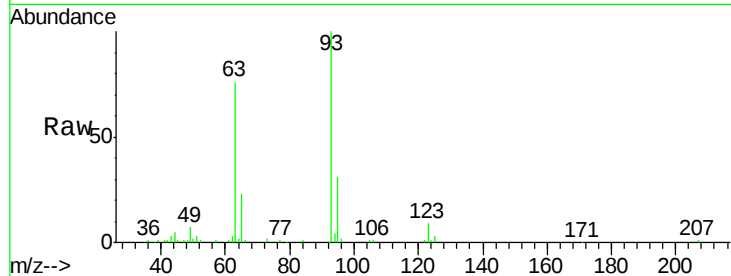




#28
 bis(2-Chloroethoxy)methane
 Concen: 4.12 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

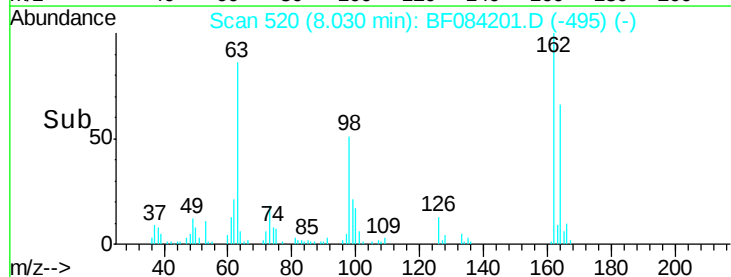
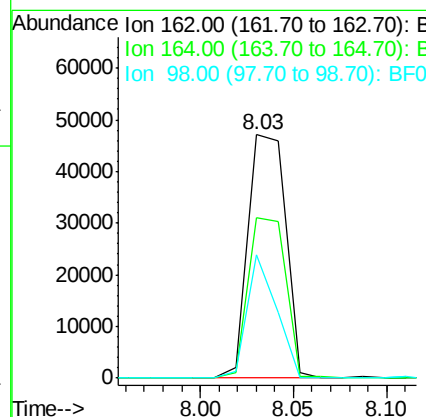
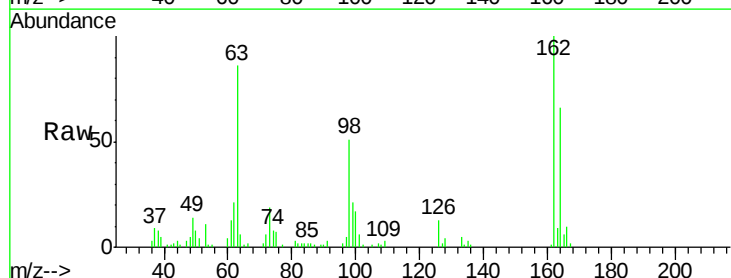
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

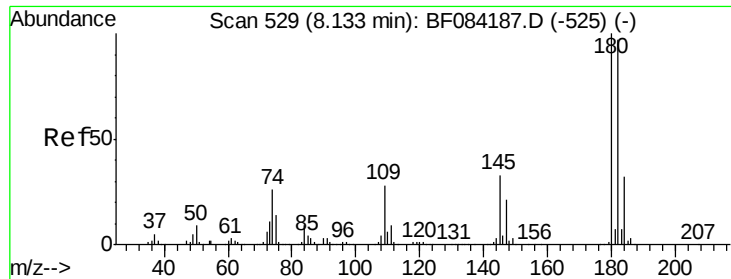
Tgt Ion: 93 Resp: 101551
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.8 38.6
 123 8.9 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 4.01 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion: 162 Resp: 65914
 Ion Ratio Lower Upper
 162 100
 164 65.7 44.1 84.1
 98 50.8 20.2 60.2

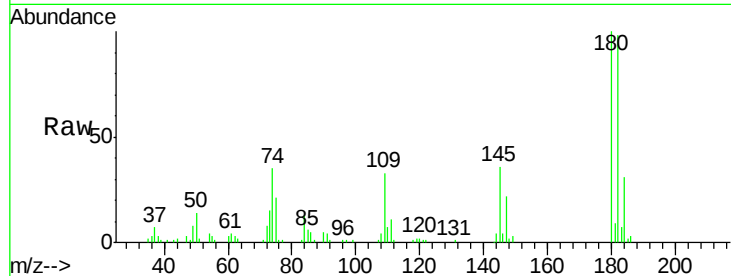




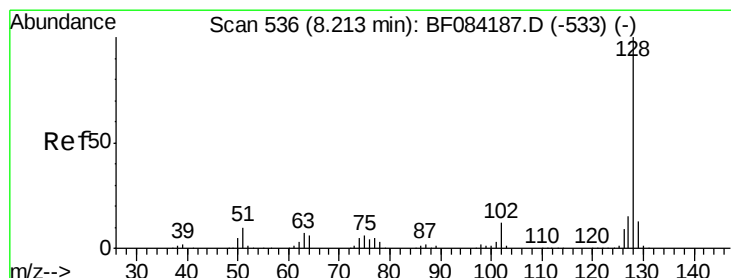
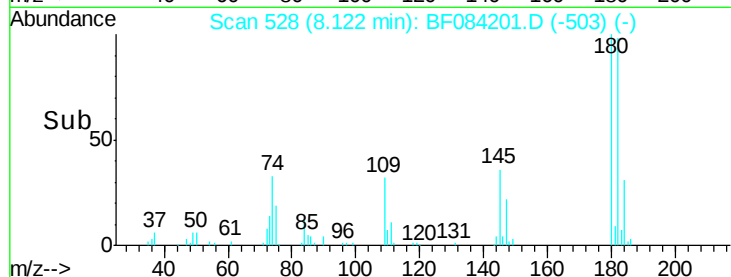
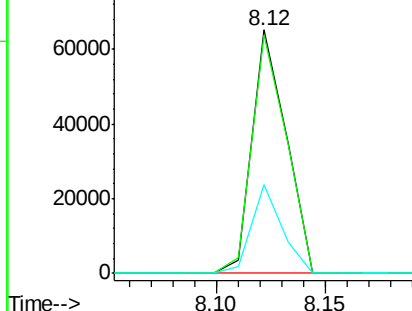
#30
1,2,4-Trichlorobenzene
Concen: 4.18 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:180 Resp: 70834
Ion Ratio Lower Upper
180 100
182 98.0 76.4 114.6
145 36.4 31.6 47.4

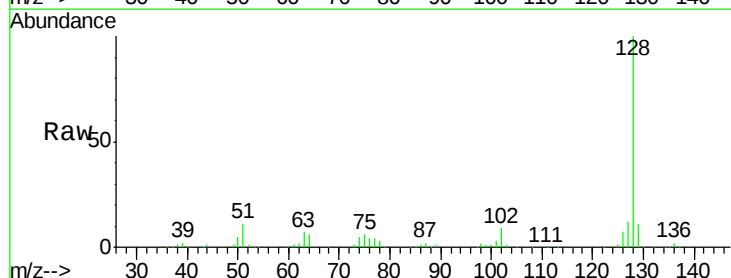


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

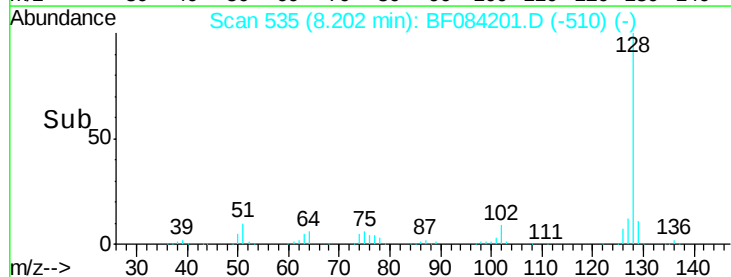
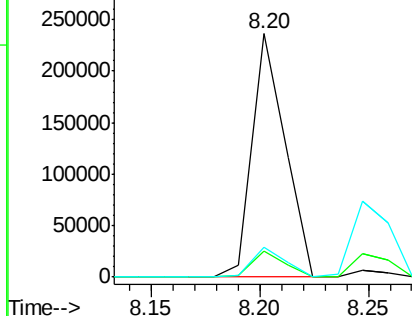


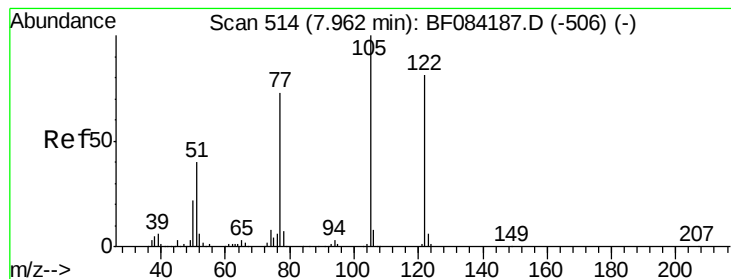
#31
Naphthalene
Concen: 4.70 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:128 Resp: 250427
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.1 11.1 16.7



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: 7.06 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.09 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

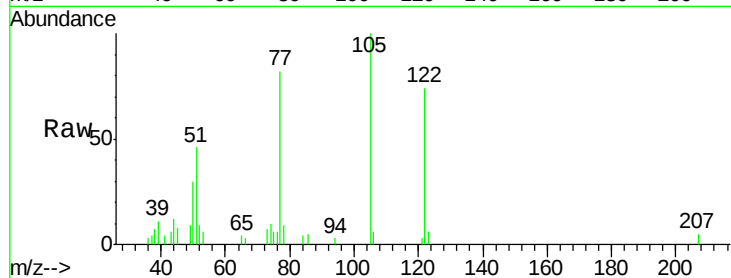
Tgt Ion:122 Resp: 11770

Ion Ratio Lower Upper

122 100

105 134.3 100.3 140.3

77 110.4 63.5 103.5#

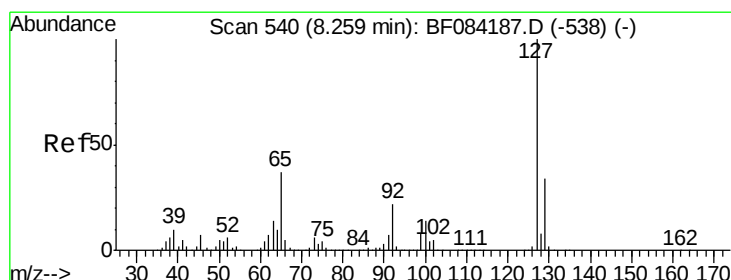
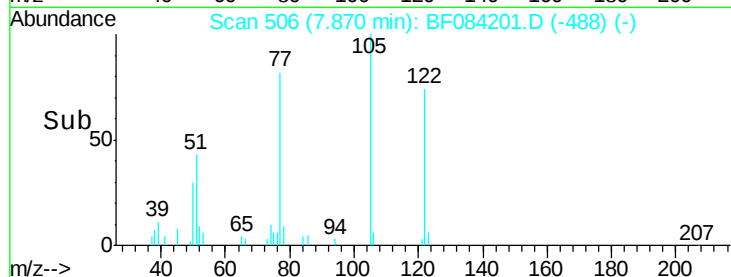
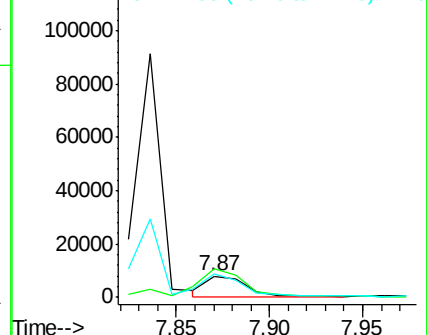


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 3.67 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Tgt Ion:127 Resp: 89664

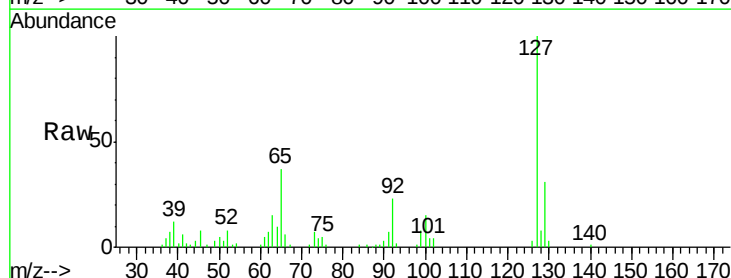
Ion Ratio Lower Upper

127 100

129 30.7 26.5 39.7

65 37.0 27.2 40.8

92 23.1 17.7 26.5



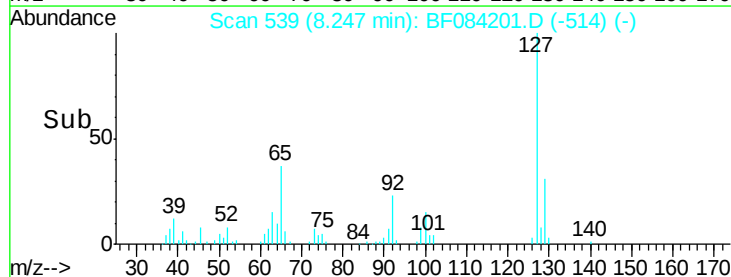
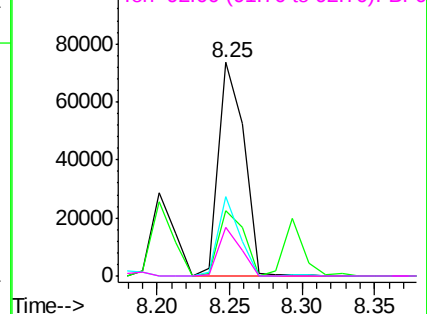
Abundance

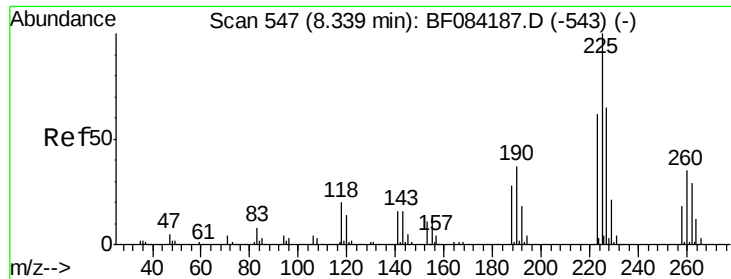
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

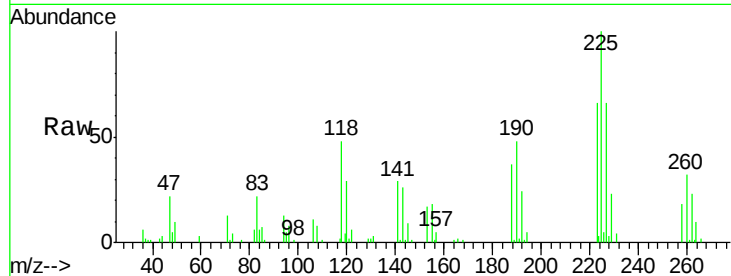




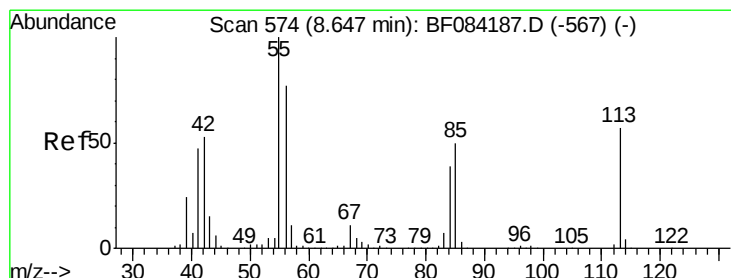
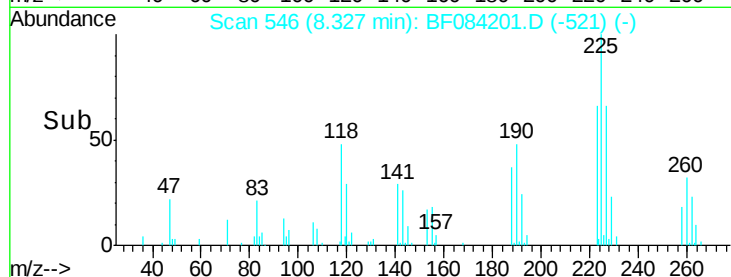
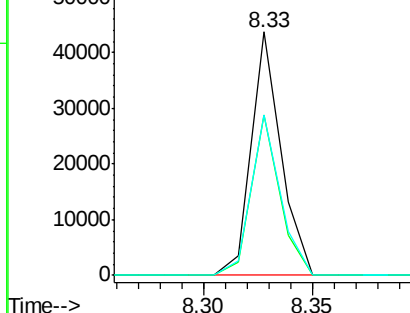
#34
Hexachlorobutadiene
Concen: 4.25 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 225 Resp: 41437
Ion Ratio Lower Upper
225 100
223 65.7 49.4 74.0
227 65.7 50.8 76.2

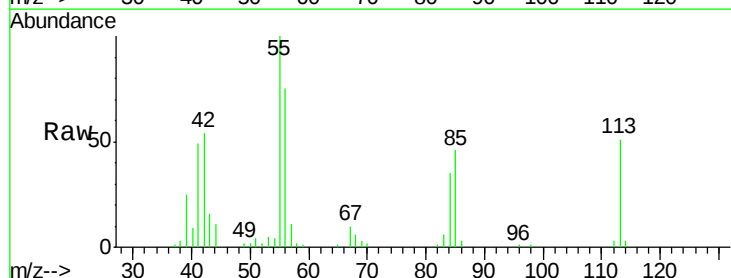


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

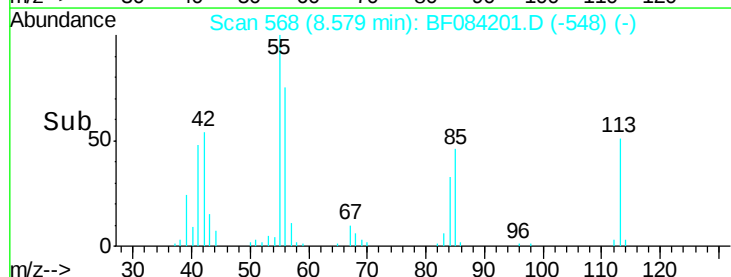
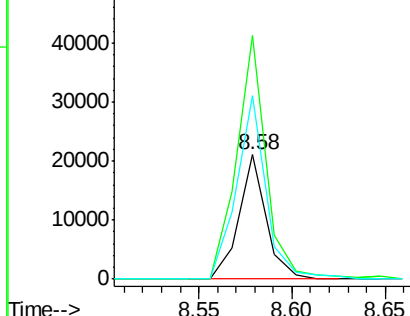


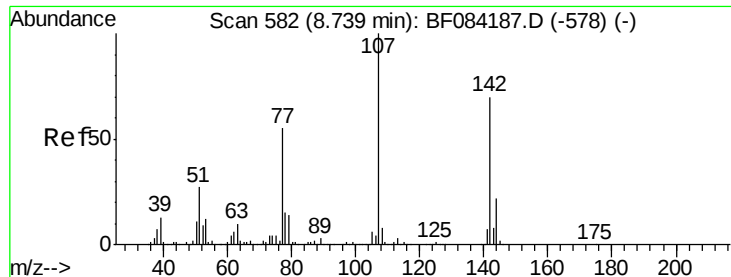
#35
Caprolactam
Concen: 3.87 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.07 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 113 Resp: 21455
Ion Ratio Lower Upper
113 100
55 196.4 116.9 156.9#
56 147.8 93.8 133.8#



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

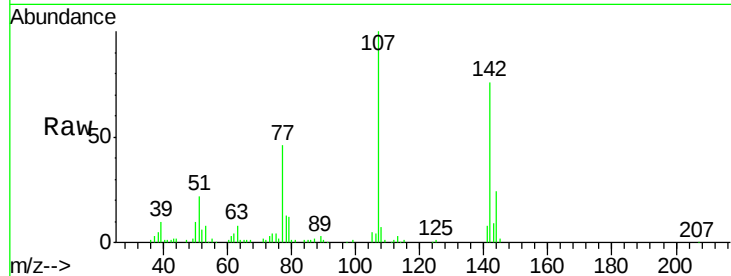




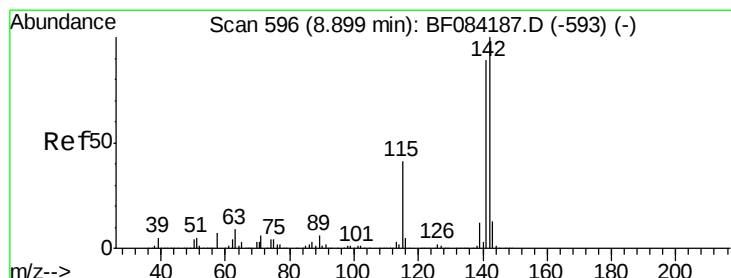
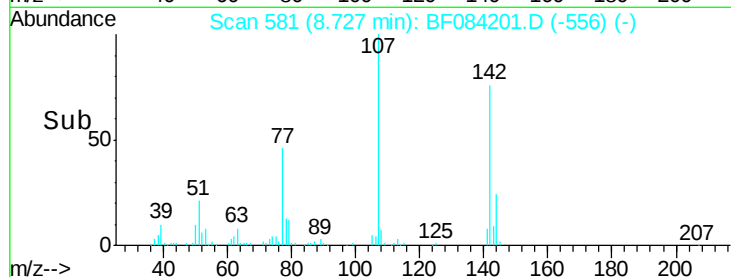
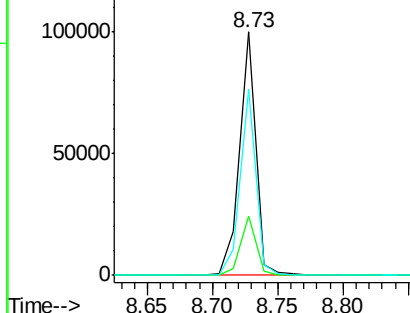
#36
 4-Chloro-3-methylphenol
 Concen: 4.66 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:107 Resp: 85732
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.7 29.5
 142 76.3 61.8 92.6

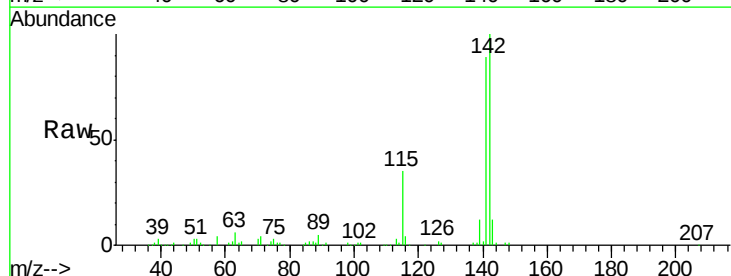


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

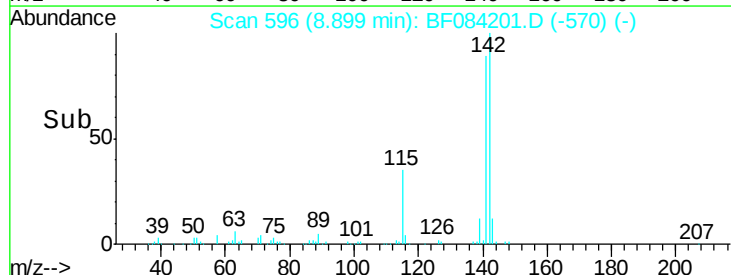
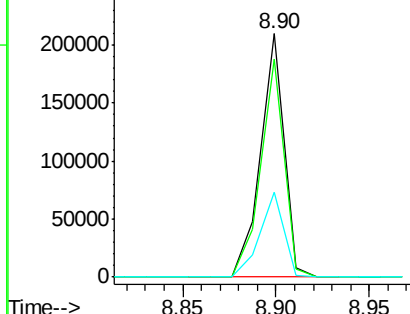


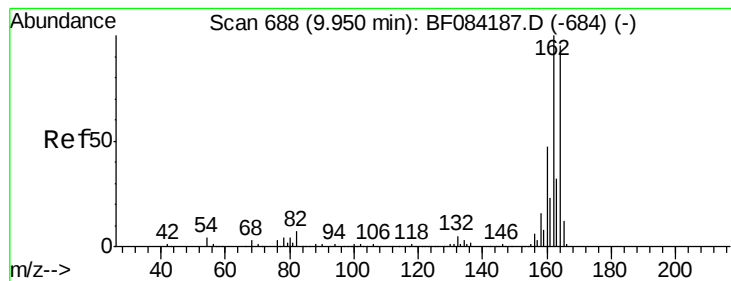
#37
 2-Methylnaphthalene
 Concen: 4.77 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion:142 Resp: 182637
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.4 108.6
 115 34.7 27.9 41.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

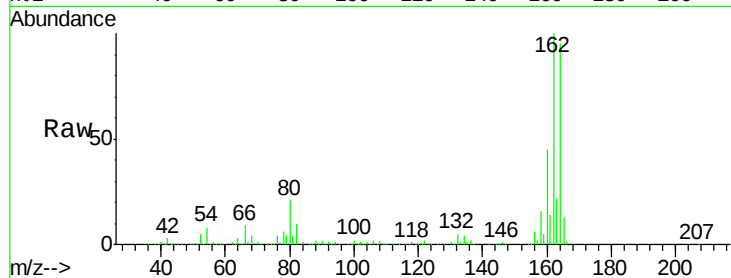
Tgt Ion:164 Resp: 549708

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

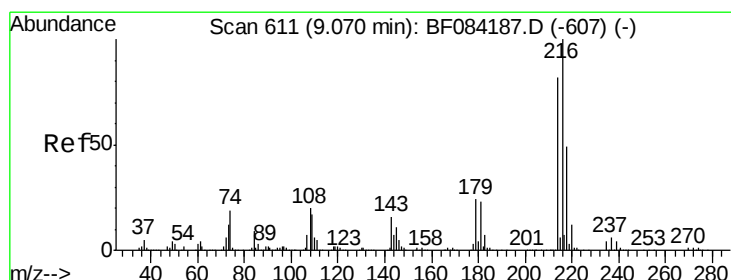
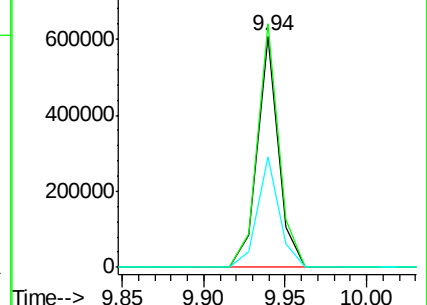
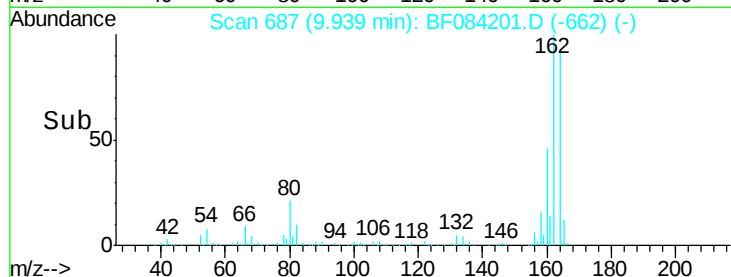
160 47.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.30 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Tgt Ion:216 Resp: 67937

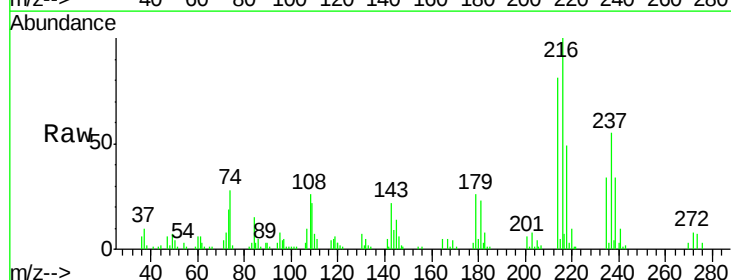
Ion Ratio Lower Upper

216 100

214 78.4 64.2 96.2

179 24.1 18.7 28.1

108 21.6 16.8 25.2

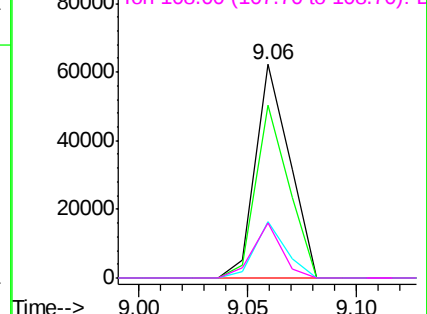
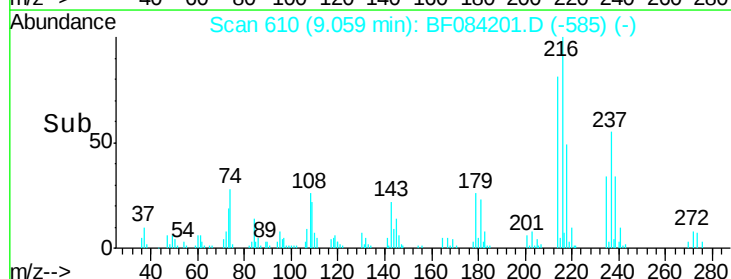


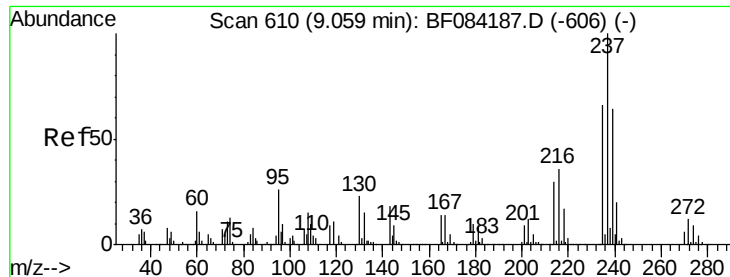
Abundance Ion 216.00 (215.70 to 216.70): E

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

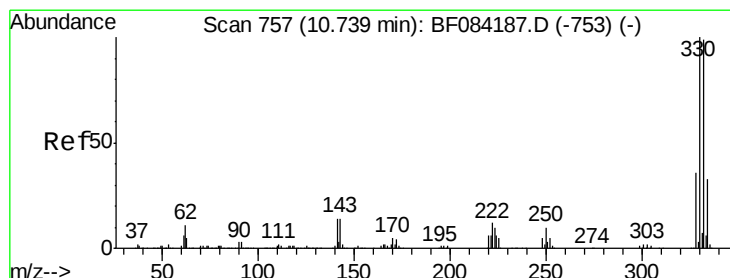
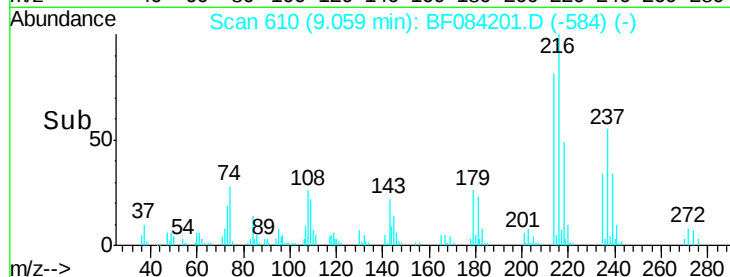
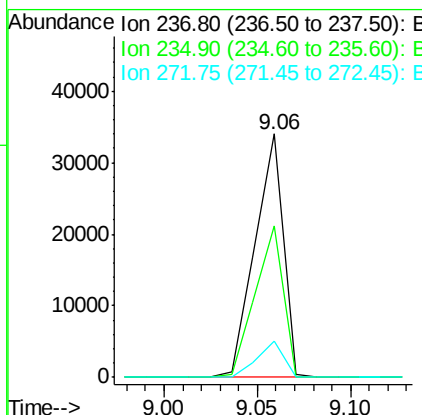
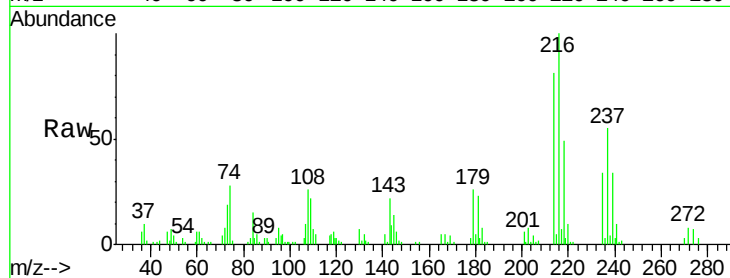




#40
Hexachlorocyclopentadiene
Concen: 3.73 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

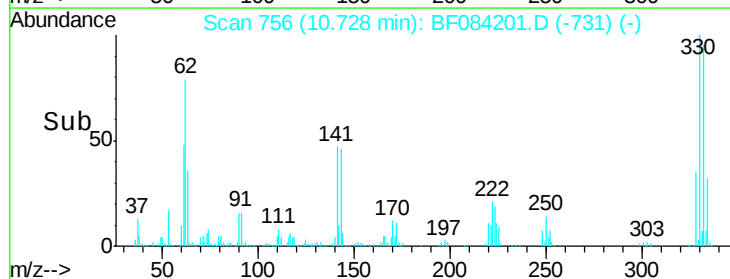
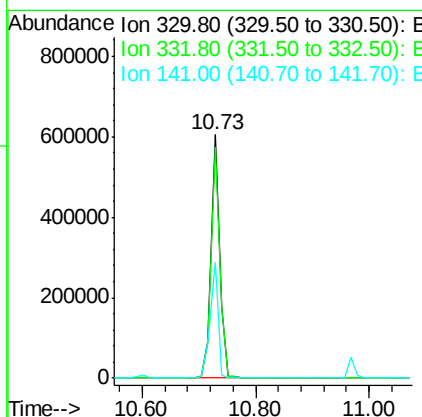
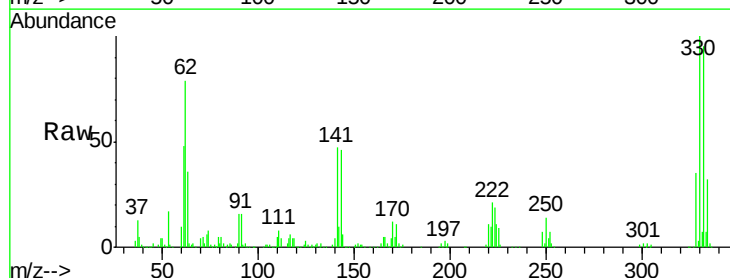
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

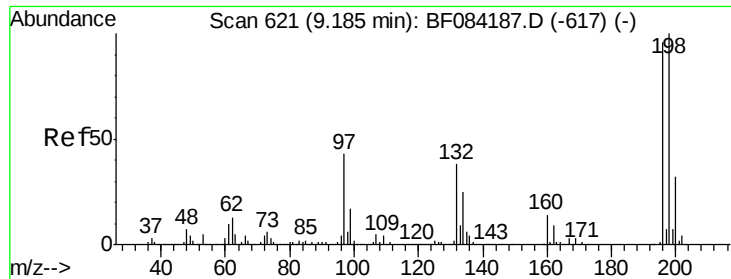
Tgt Ion: 237 Resp: 35597
Ion Ratio Lower Upper
237 100
235 62.0 43.1 83.1
272 14.6 0.0 35.1



#41
2,4,6-Tribromophenol
Concen: 110.83 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 330 Resp: 615079
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 43.9 27.8 41.6#

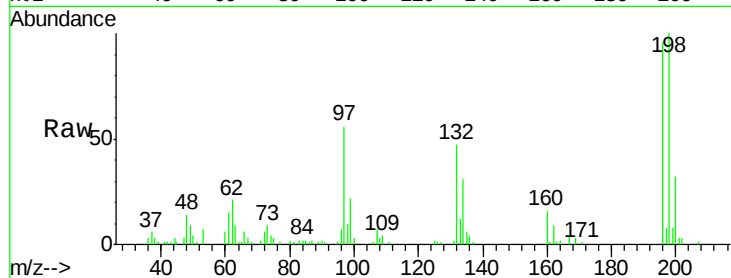




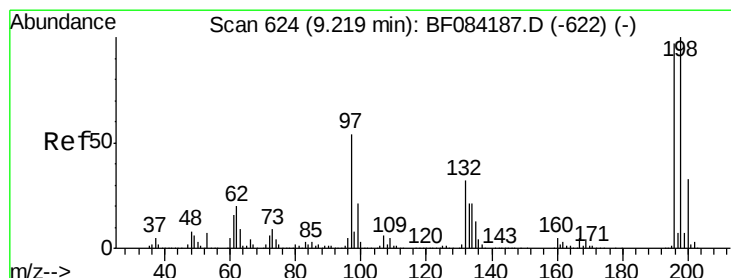
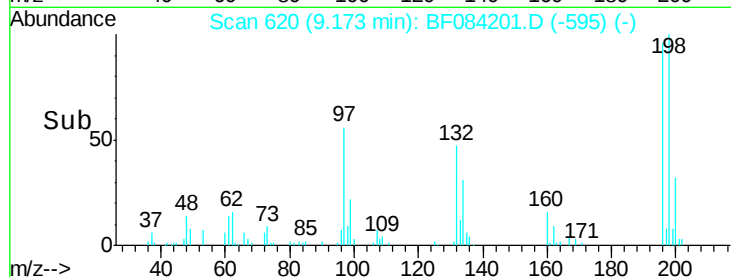
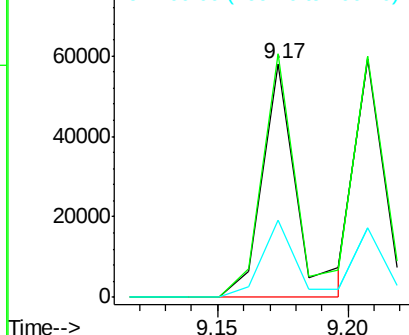
#42
 2,4,6-Trichlorophenol
 Concen: 4.45 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:196 Resp: 52631
 Ion Ratio Lower Upper
 196 100
 198 104.1 77.7 116.5
 200 33.2 24.6 37.0

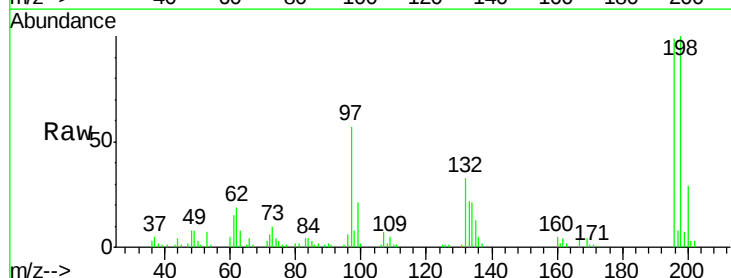


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

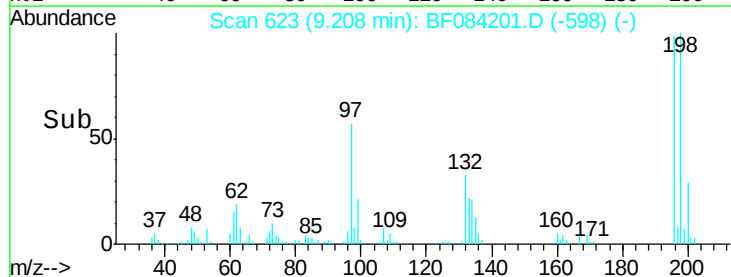
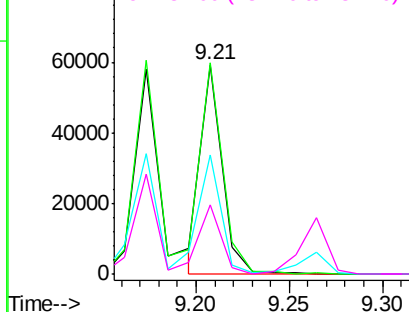


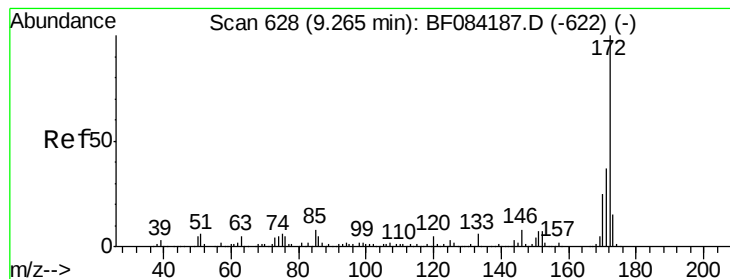
#43
 2,4,5-Trichlorophenol
 Concen: 4.15 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion:196 Resp: 47023
 Ion Ratio Lower Upper
 196 100
 198 101.2 79.0 118.6
 97 57.3 33.0 49.6#
 132 33.3 21.1 31.7#



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





#44

2-Fluorobiphenyl

Concen: 81.73 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

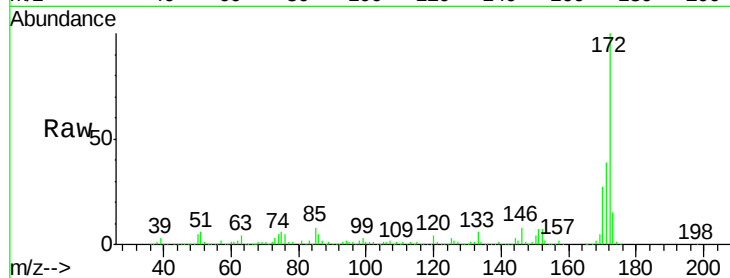
Tgt Ion:172 Resp: 2561388

Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

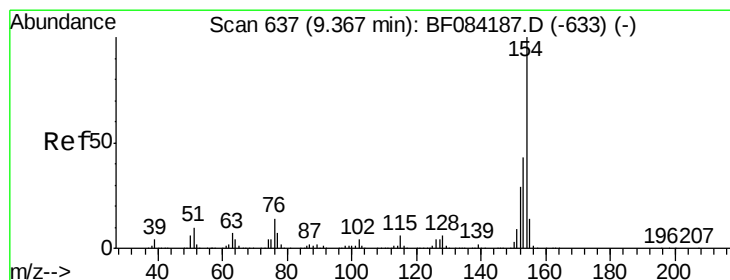
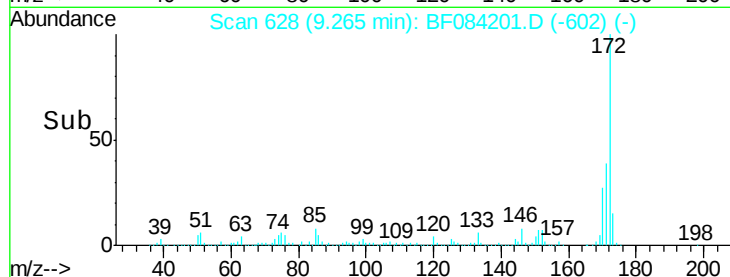
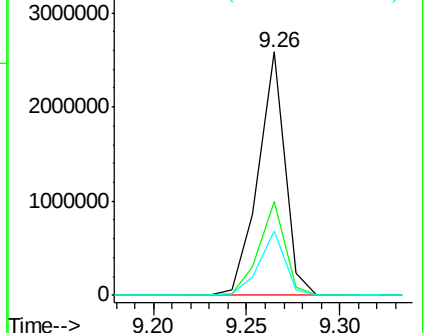
170 26.7 18.6 27.8



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: 4.66 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

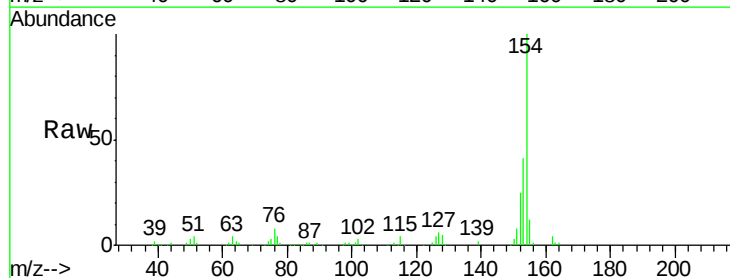
Tgt Ion:154 Resp: 203644

Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

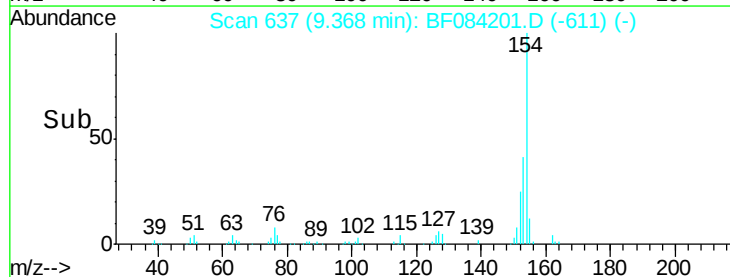
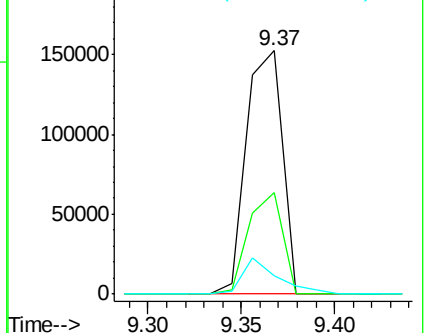
76 7.7 0.0 32.7

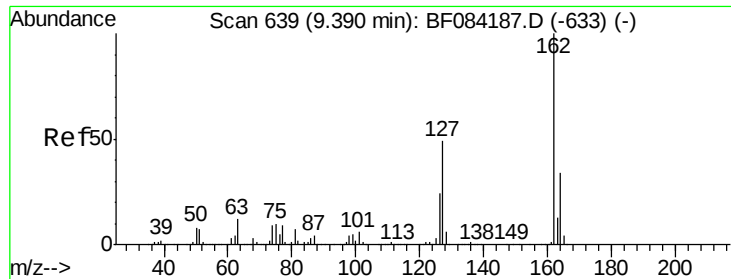


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

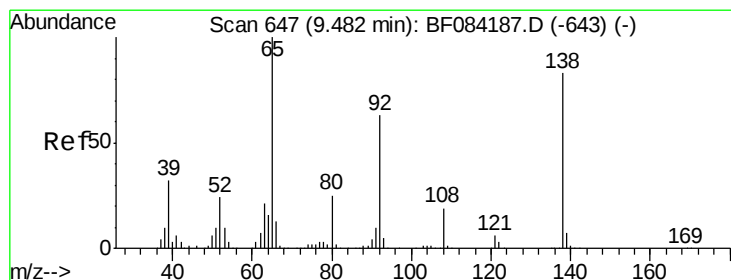
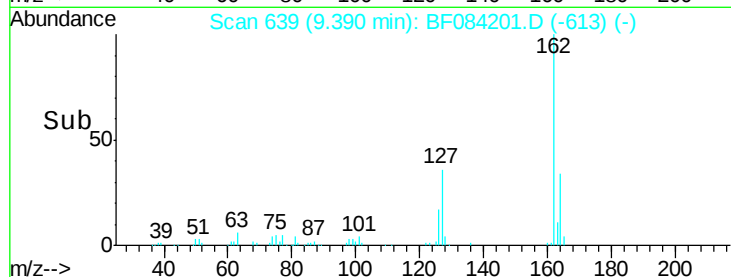
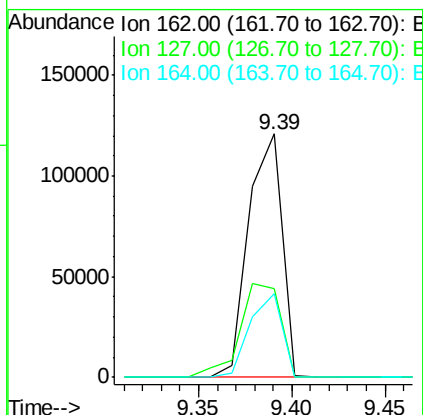
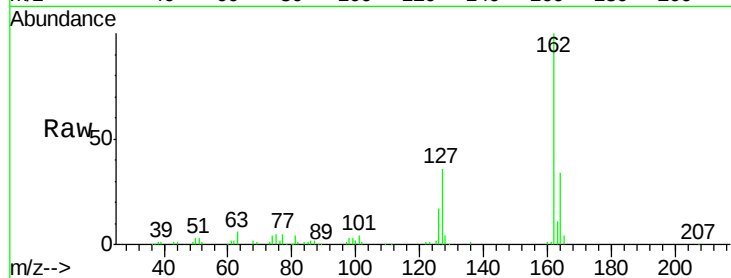




#46
2-Chloronaphthalene
Concen: 4.45 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

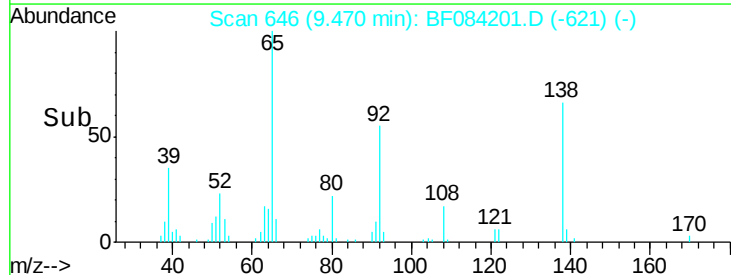
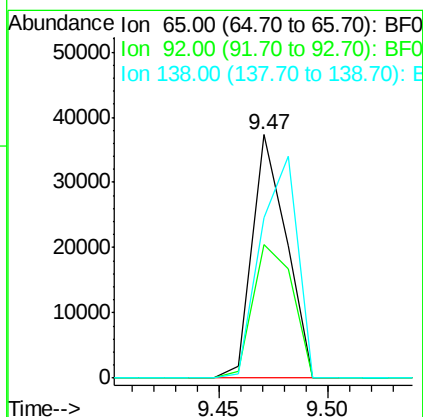
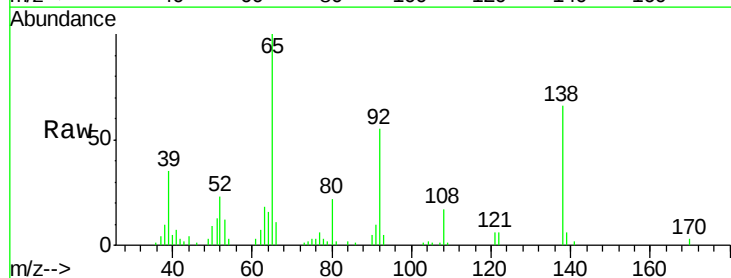
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

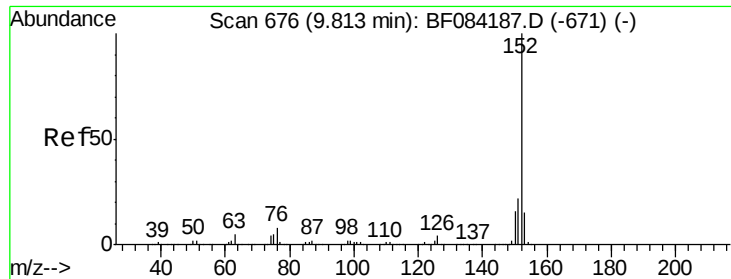
Tgt Ion: 162 Resp: 152761
Ion Ratio Lower Upper
162 100
127 36.2 40.2 60.4#
164 34.2 25.7 38.5



#47
2-Nitroaniline
Concen: 3.59 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 65 Resp: 40675
Ion Ratio Lower Upper
65 100
92 55.0 53.4 80.2
138 66.1 71.1 106.7#

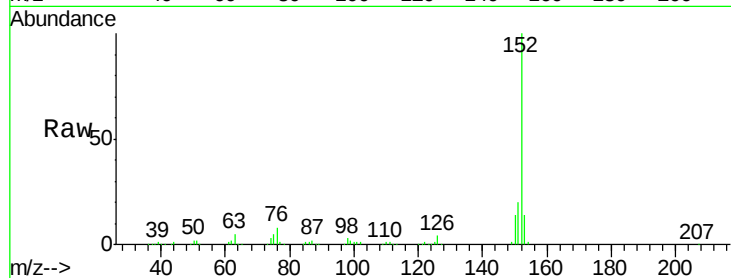




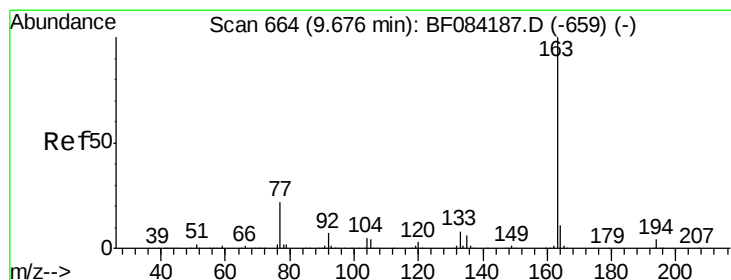
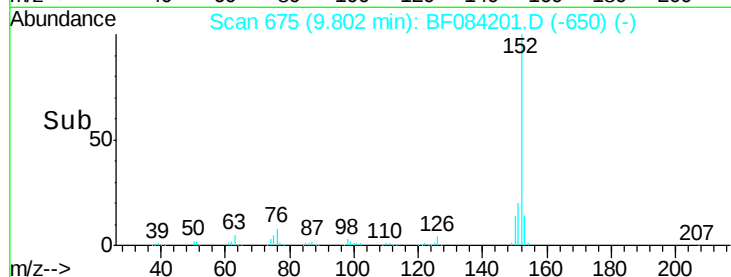
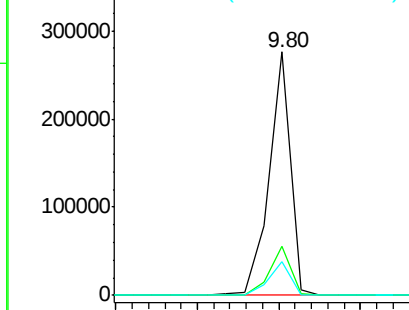
#48
Acenaphthylene
Concen: 4.95 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 250763
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.7 10.4 15.6

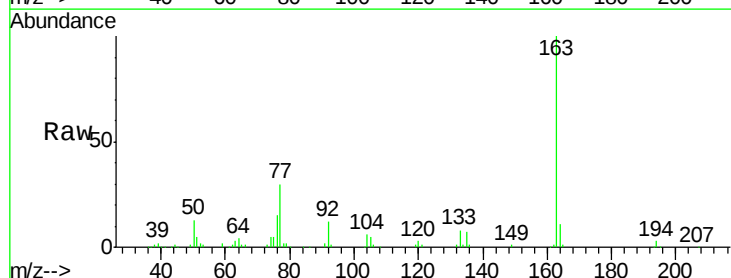


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

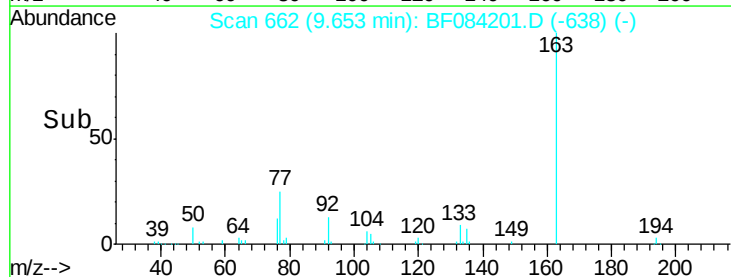
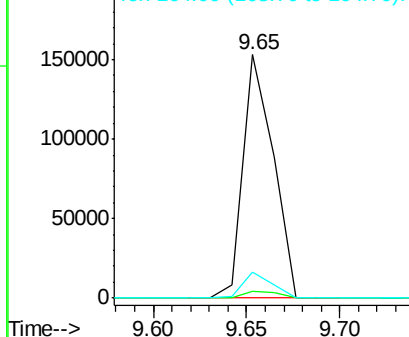


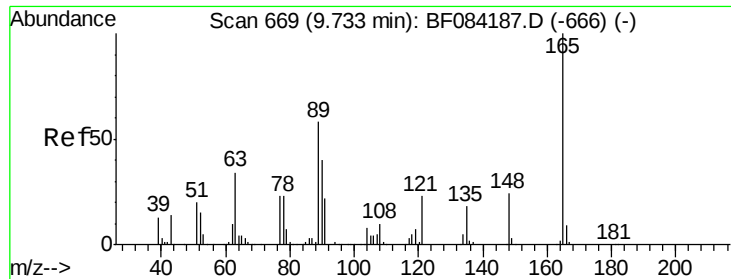
#49
Dimethylphthalate
Concen: 4.38 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:163 Resp: 171983
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.8 8.0 12.0



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

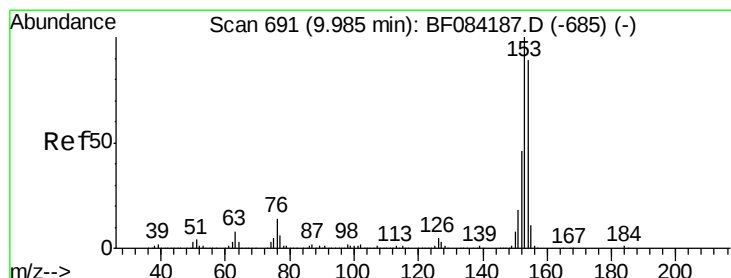
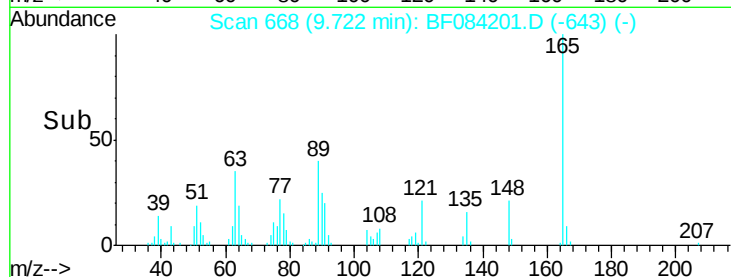
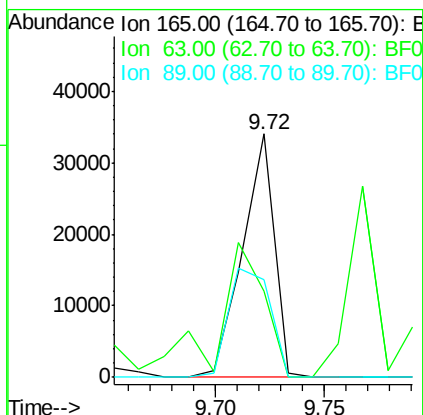
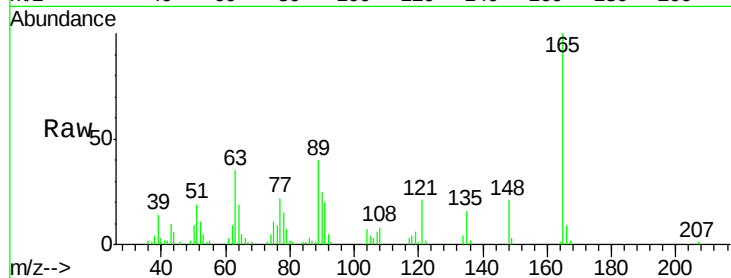




#50
2,6-Dinitrotoluene
Concen: 3.99 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

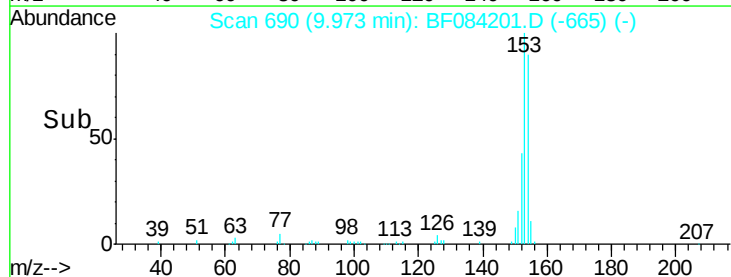
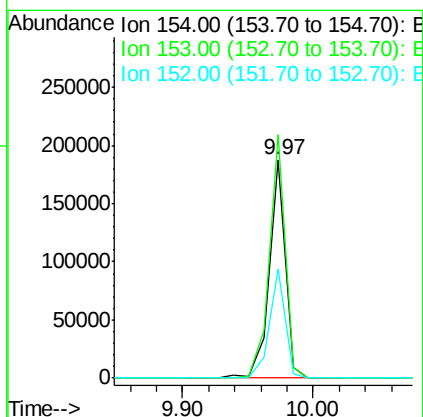
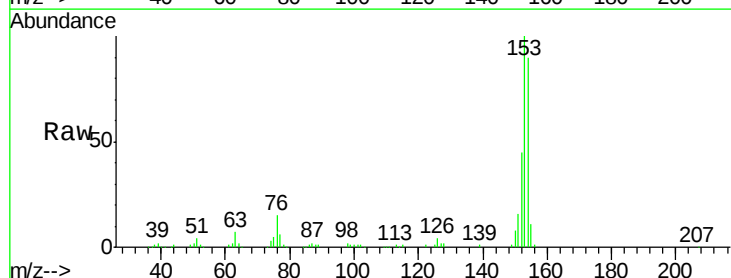
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

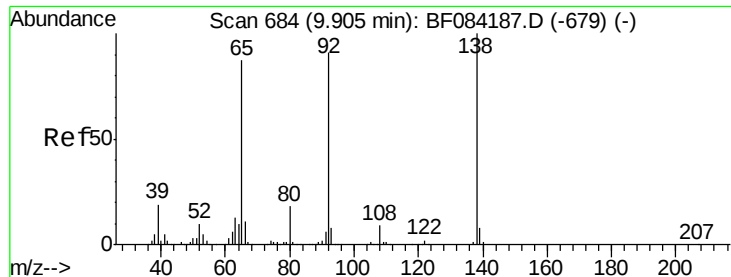
Tgt Ion:165 Resp: 34410
Ion Ratio Lower Upper
165 100
63 35.3 28.8 43.2
89 40.2 35.1 52.7



#51
Acenaphthene
Concen: 4.77 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:154 Resp: 162199
Ion Ratio Lower Upper
154 100
153 111.4 91.5 137.3
152 49.8 43.0 64.6





#52

3-Nitroaniline

Concen: 3.91 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

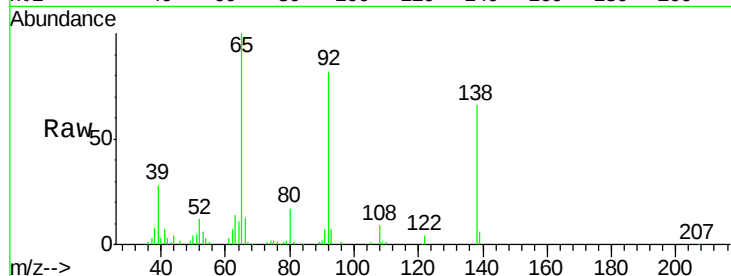
Tgt Ion:138 Resp: 41759

Ion Ratio Lower Upper

138 100

108 12.9 10.5 15.7

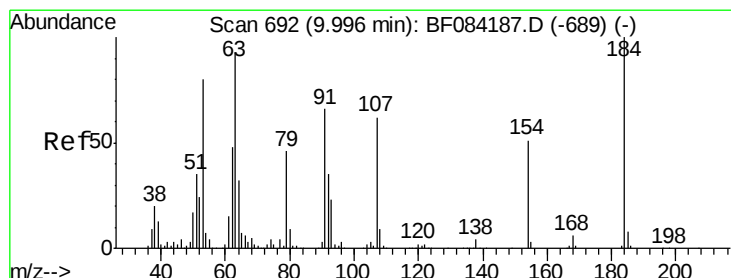
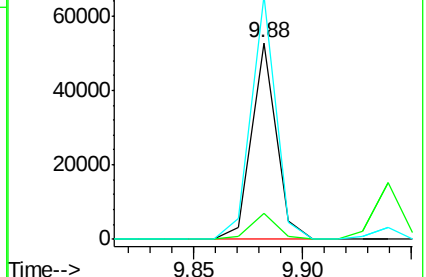
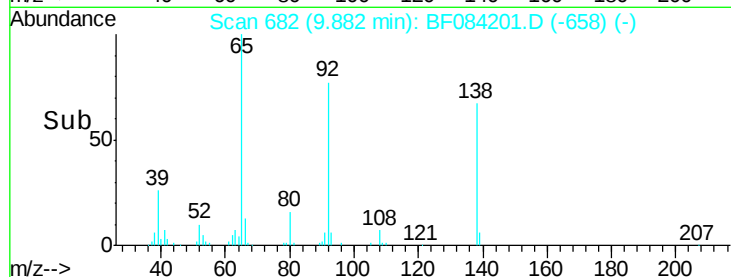
92 123.8 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 4.07 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

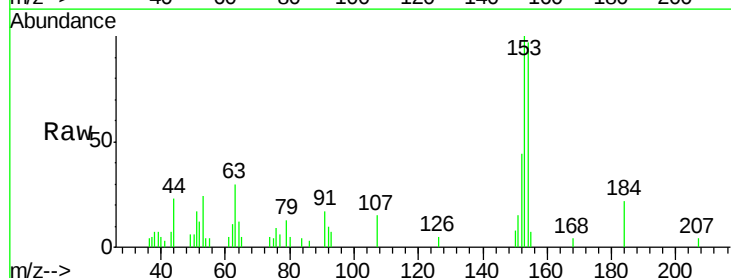
Tgt Ion:184 Resp: 1983

Ion Ratio Lower Upper

184 100

63 135.0 43.1 64.7#

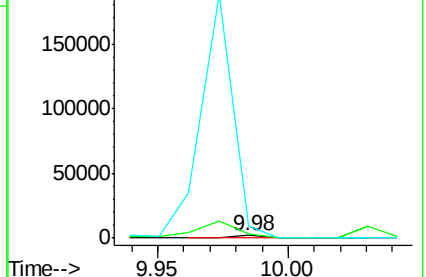
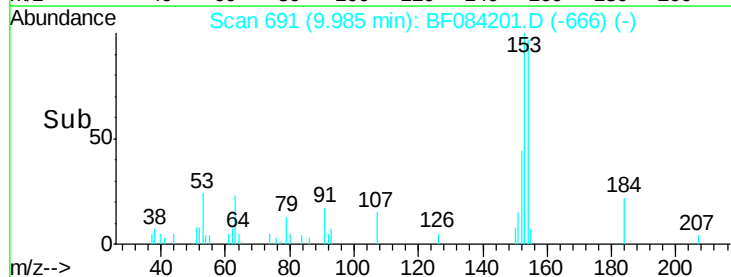
154 431.6 60.5 90.7#

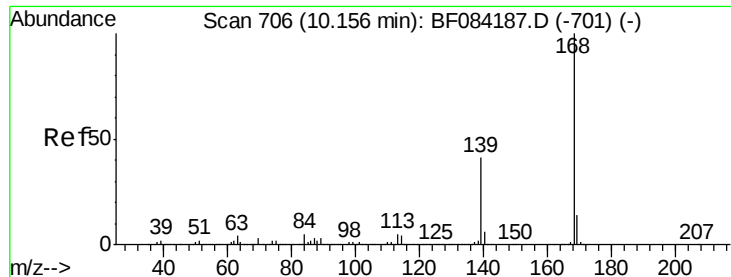


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

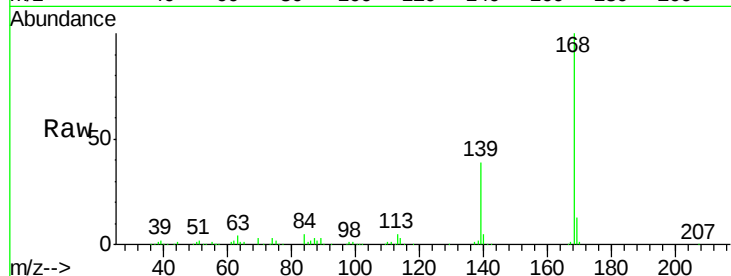




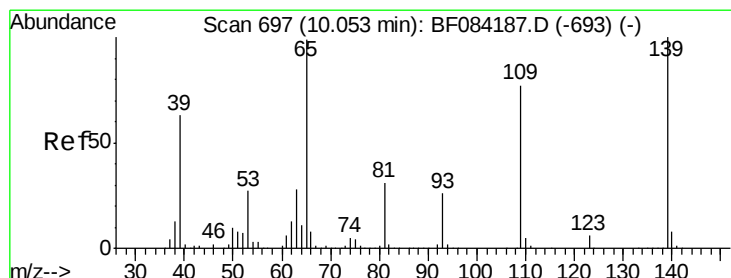
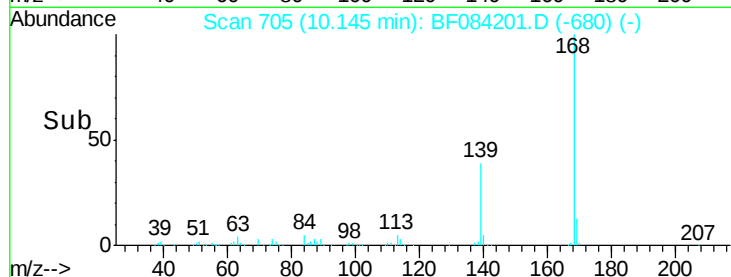
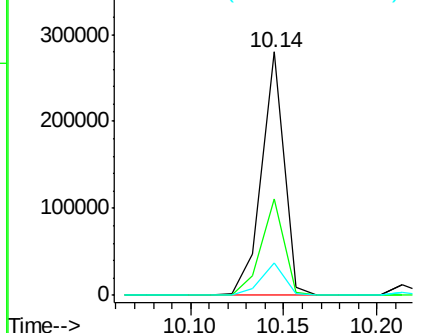
#54
Dibenzofuran
Concen: 2.46 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:168 Resp: 232019
Ion Ratio Lower Upper
168 100
139 39.5 30.5 45.7
169 13.5 10.4 15.6

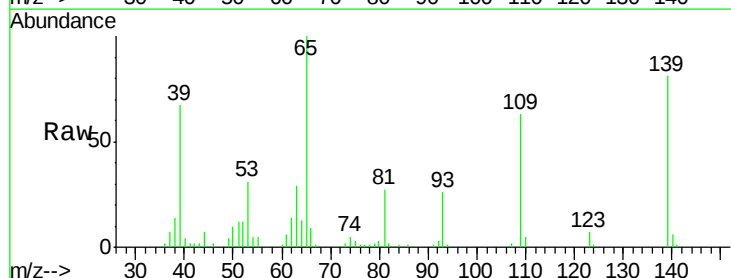


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

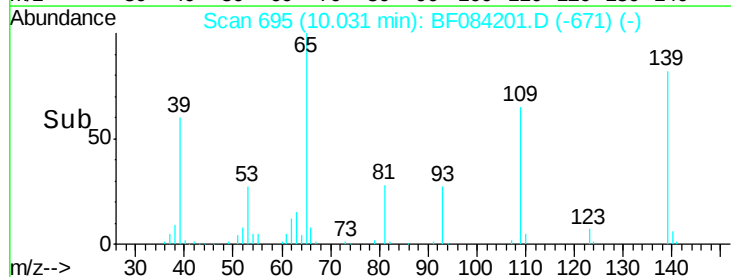
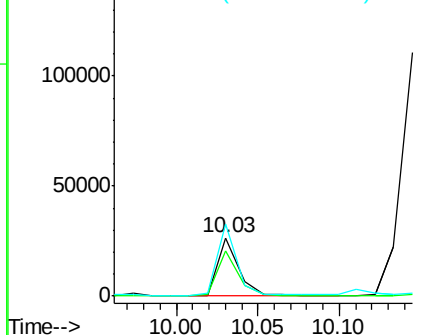


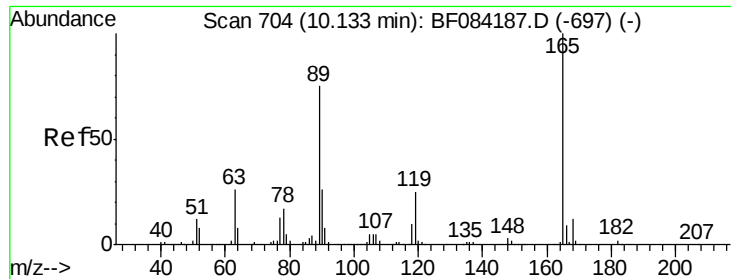
#55
4-Nitrophenol
Concen: 3.10 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:139 Resp: 24020
Ion Ratio Lower Upper
139 100
109 78.6 58.5 98.5
65 124.1 57.6 97.6#



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

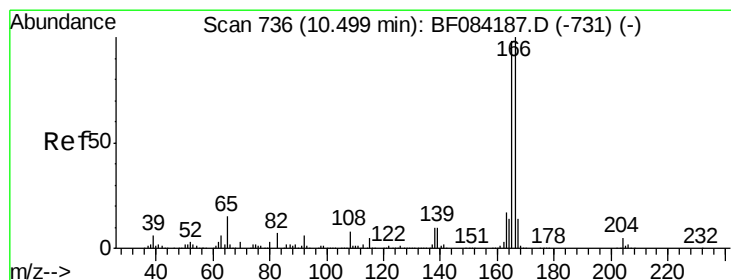
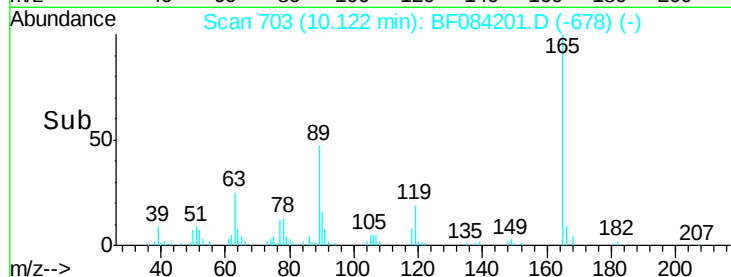
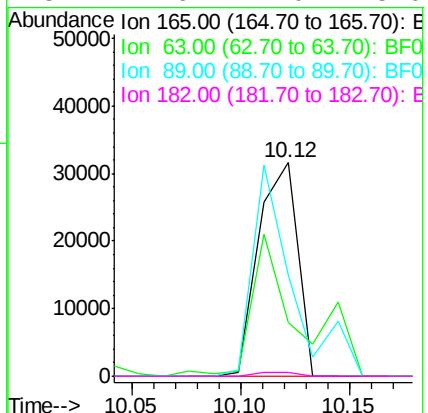
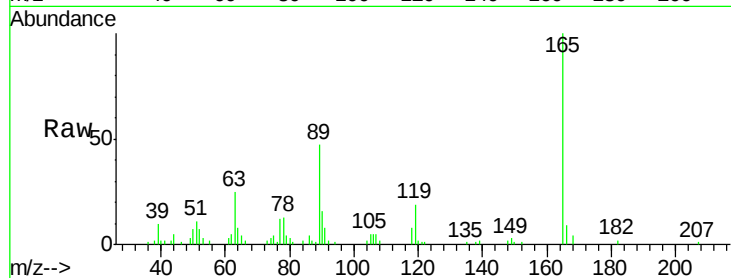




#56
2,4-Dinitrotoluene
Concen: 3.65 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

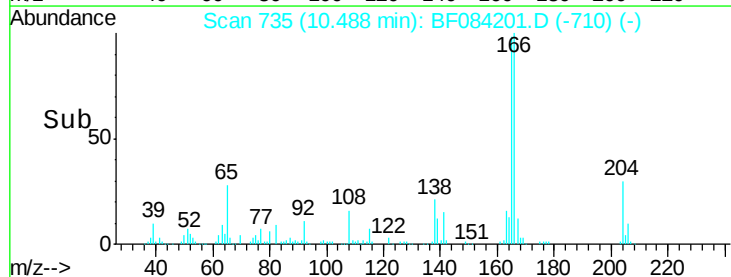
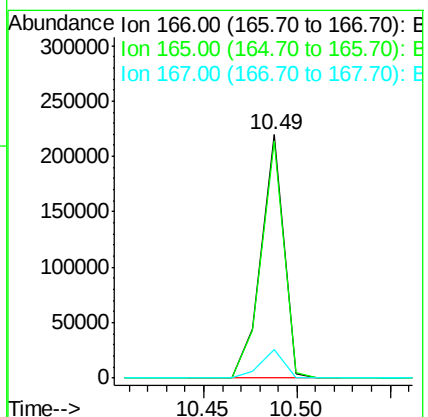
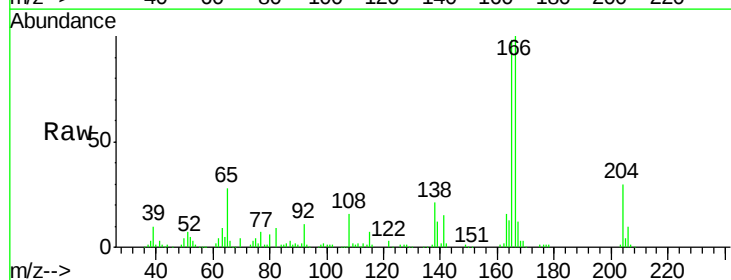
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

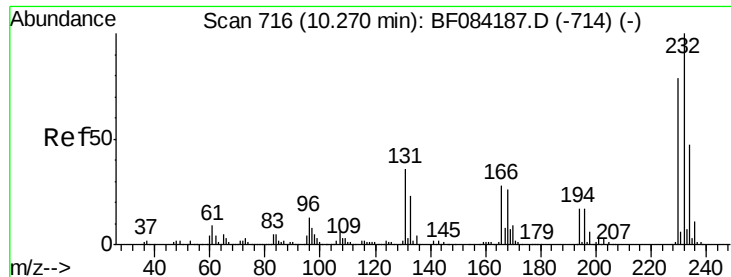
Tgt Ion:165 Resp: 39789
Ion Ratio Lower Upper
165 100
63 25.4 36.7 55.1#
89 47.4 61.9 92.9#
182 1.6 2.0 3.0#



#57
Fluorene
Concen: 3.21 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:166 Resp: 184646
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 11.9 10.4 15.6

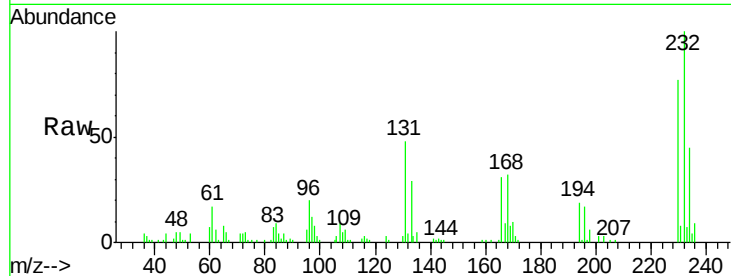




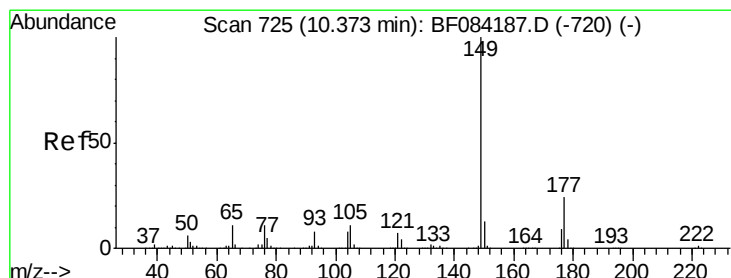
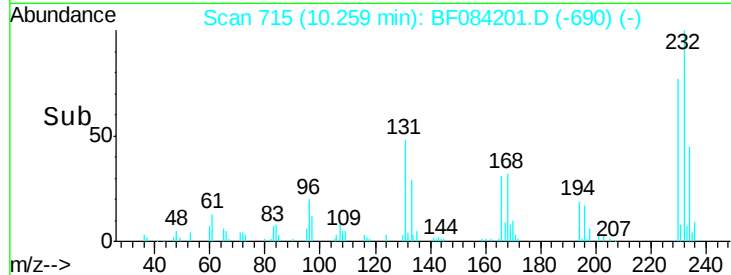
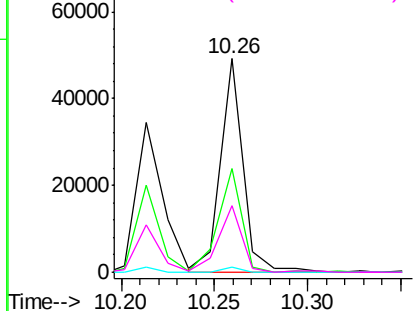
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.30 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 232 Resp: 41572
 Ion Ratio Lower Upper
 232 100
 131 51.2 47.0 70.6
 130 2.2 2.0 3.0
 166 33.1 30.5 45.7

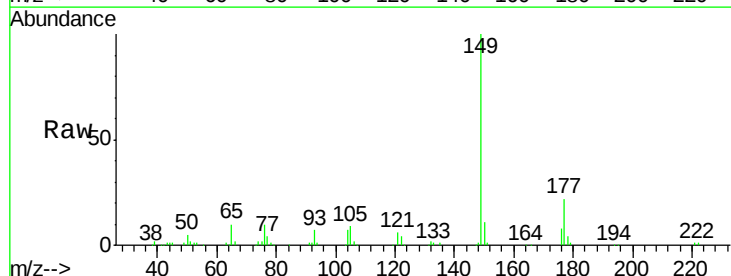


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

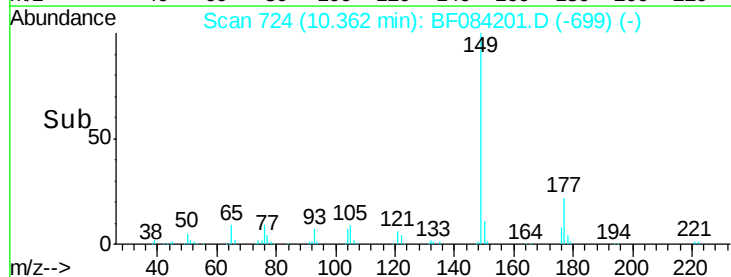
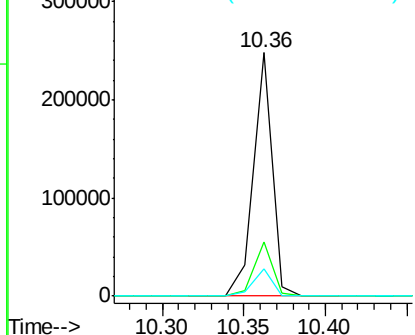


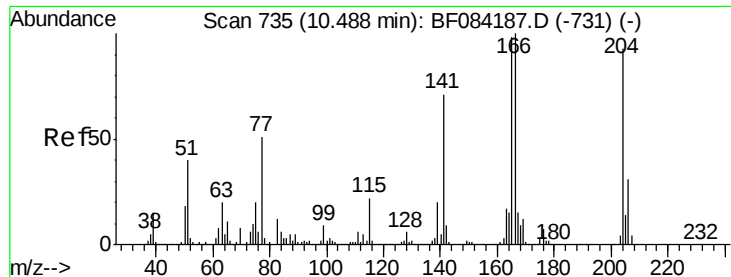
#59
 Diethylphthalate
 Concen: 5.13 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion: 149 Resp: 198686
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.3 25.9
 150 11.3 9.8 14.8



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: Below Cal

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

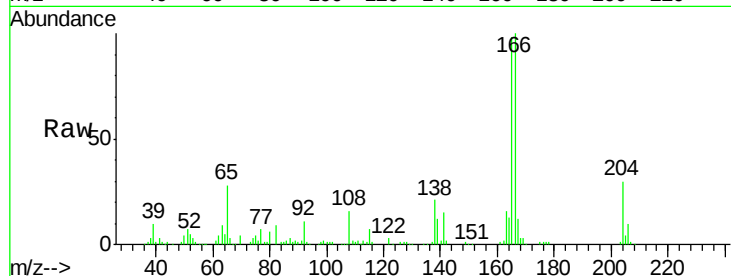
Tgt Ion:204 Resp: 80803

Ion Ratio Lower Upper

204 100

206 34.0 25.7 38.5

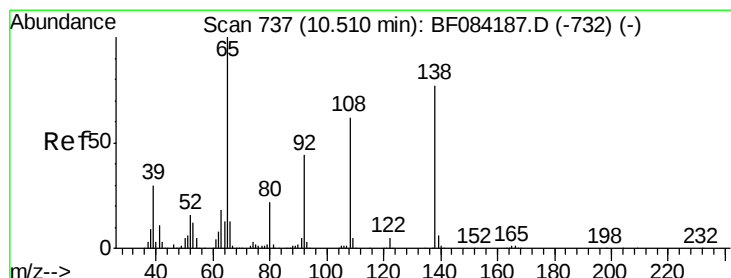
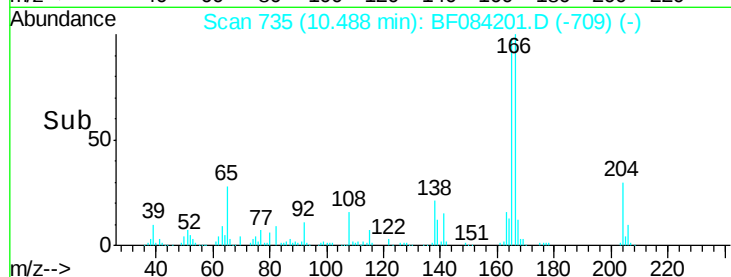
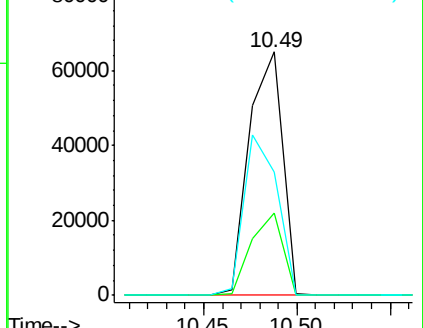
141 50.9 55.1 82.7#



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: 3.93 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

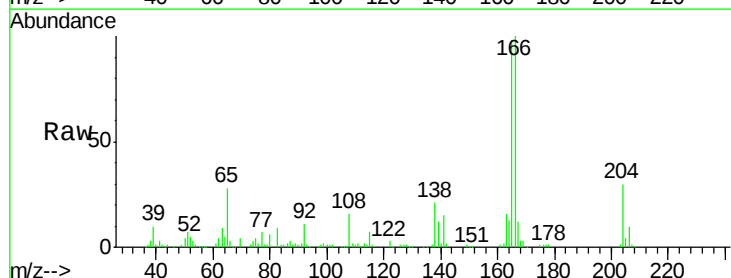
Tgt Ion:138 Resp: 37446

Ion Ratio Lower Upper

138 100

92 52.9 32.6 72.6

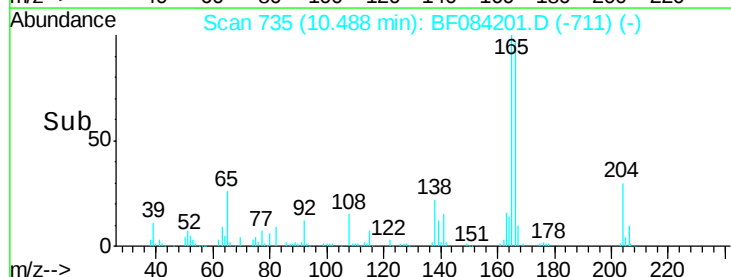
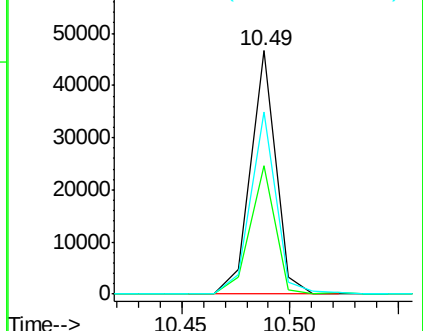
108 74.6 68.6 108.6

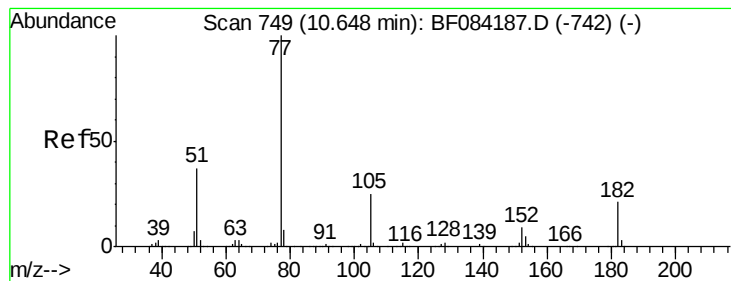


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 4.20 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

Tgt Ion: 77 Resp: 178370

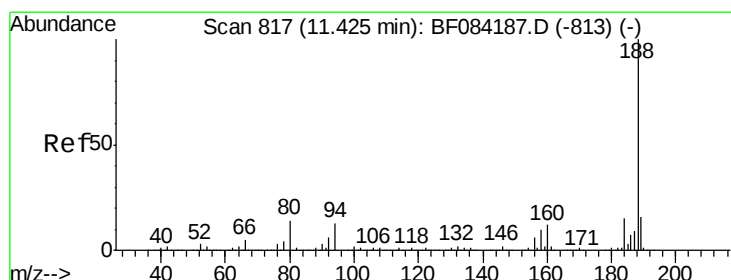
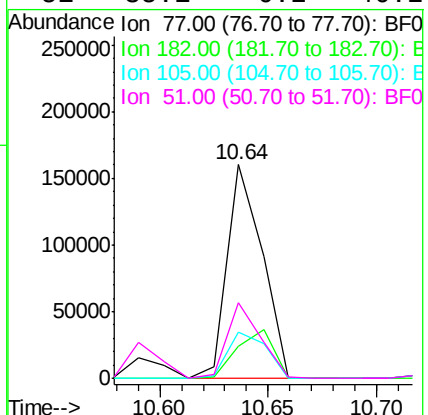
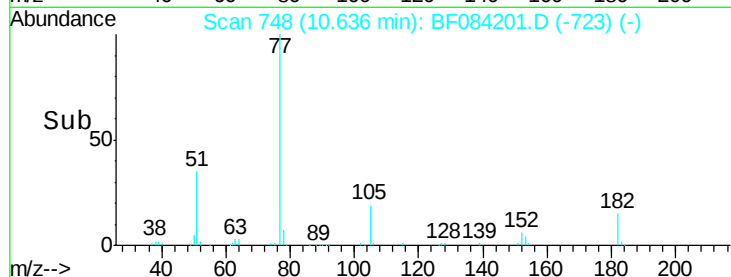
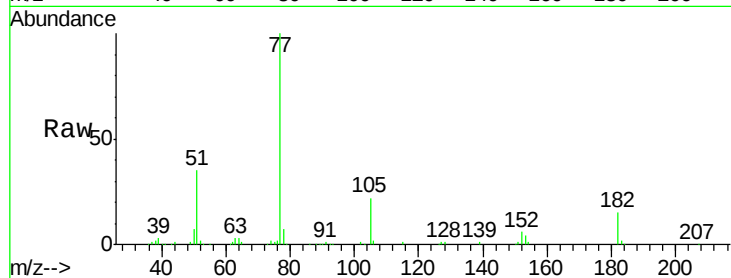
Ion Ratio Lower Upper

77 100

182 15.0 8.3 48.3

105 21.6 4.6 44.6

51 35.1 6.2 46.2



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

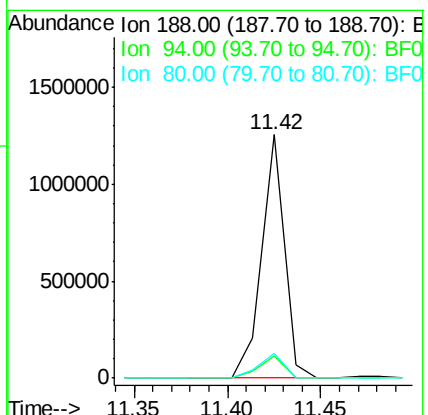
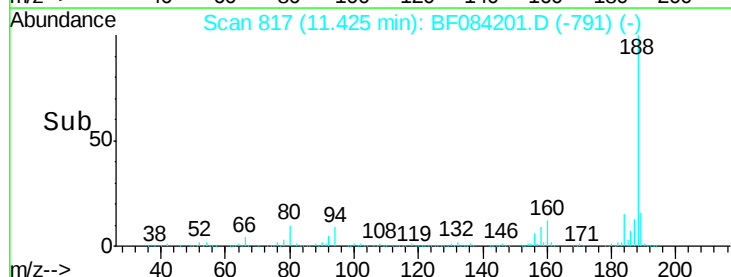
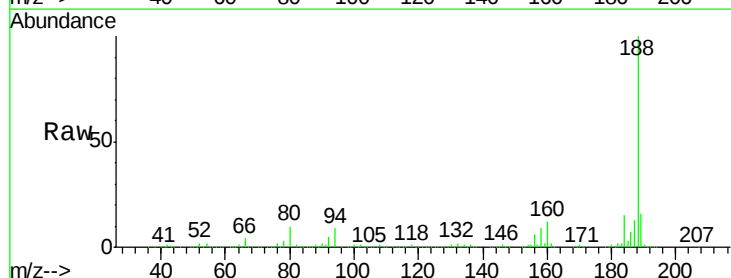
Tgt Ion: 188 Resp: 1051573

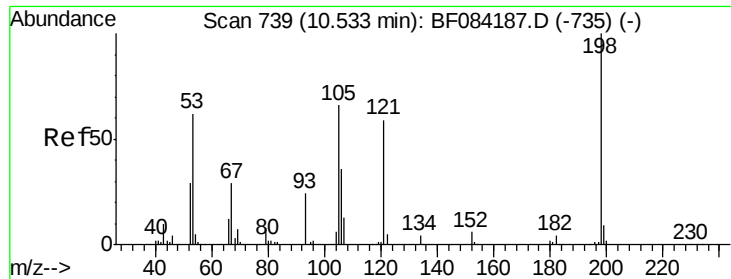
Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

80 10.0 9.6 14.4

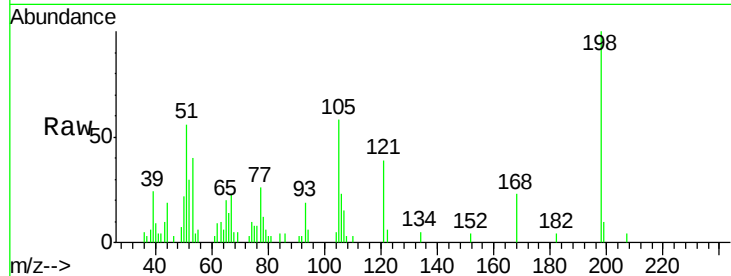




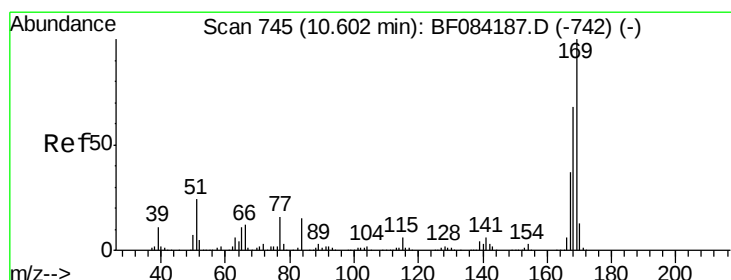
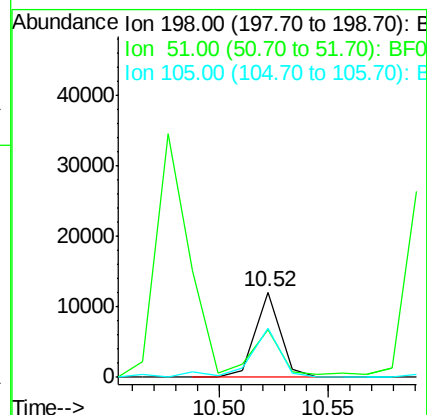
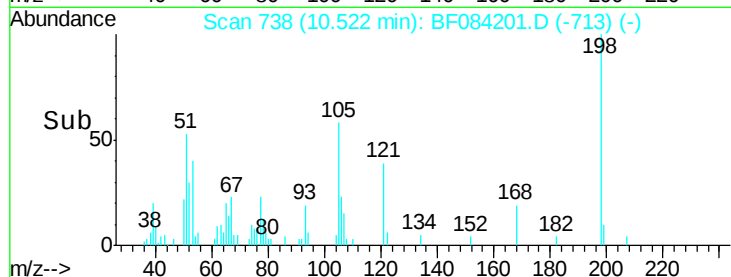
#64
4,6-Dinitro-2-methylphenol
Concen: 7.52 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:198 Resp: 9695
Ion Ratio Lower Upper
198 100
51 55.9 18.9 58.9
105 58.0 26.4 66.4

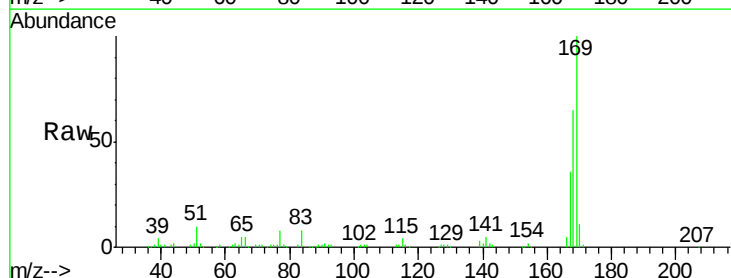


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

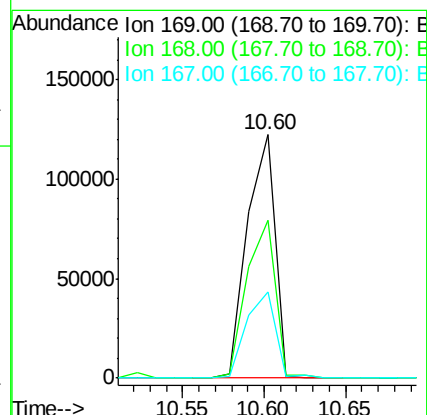
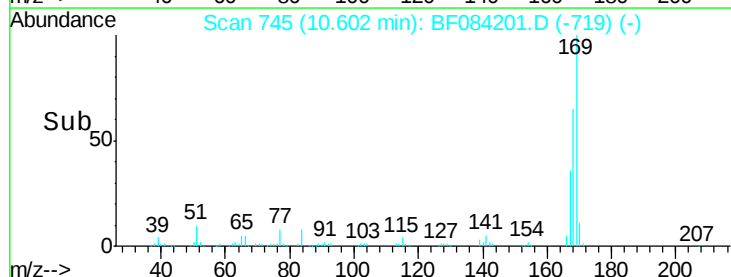


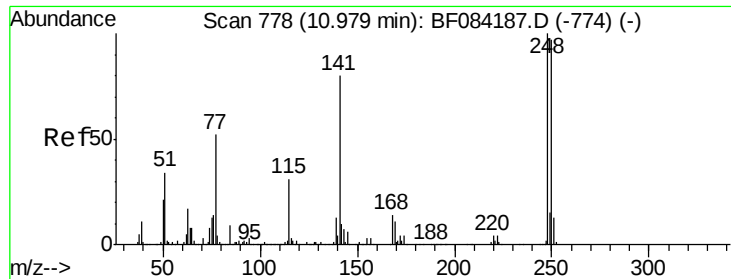
#65
n-Nitrosodiphenylamine
Concen: 4.27 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion:169 Resp: 143499
Ion Ratio Lower Upper
169 100
168 64.7 55.1 82.7
167 35.6 30.0 45.0



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: 4.56 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

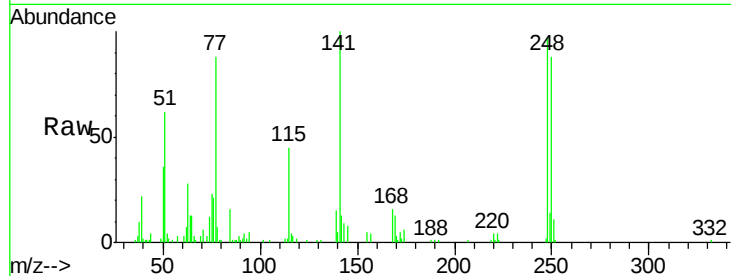
Tgt Ion:248 Resp: 51559

Ion Ratio Lower Upper

248 100

250 90.9 78.4 117.6

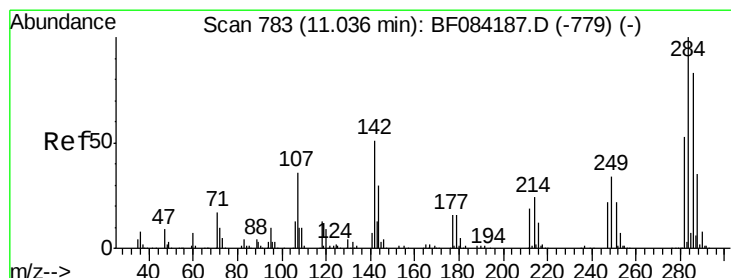
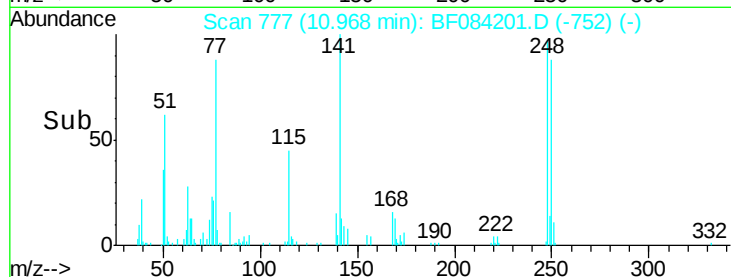
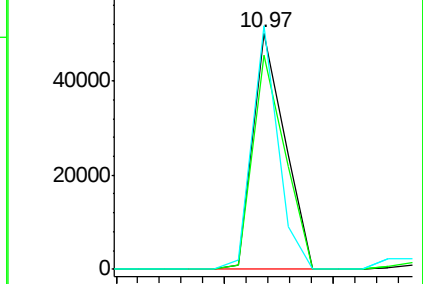
141 103.2 44.0 66.0#



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: 4.30 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

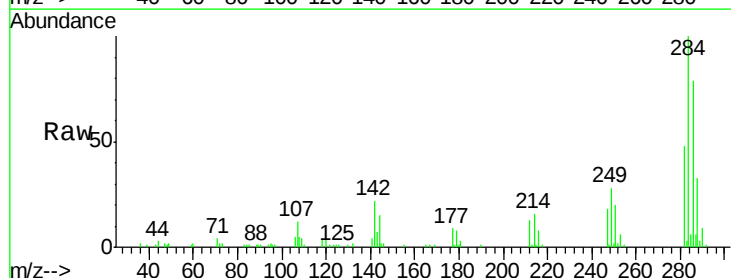
Tgt Ion:284 Resp: 54720

Ion Ratio Lower Upper

284 100

142 21.8 22.2 33.4#

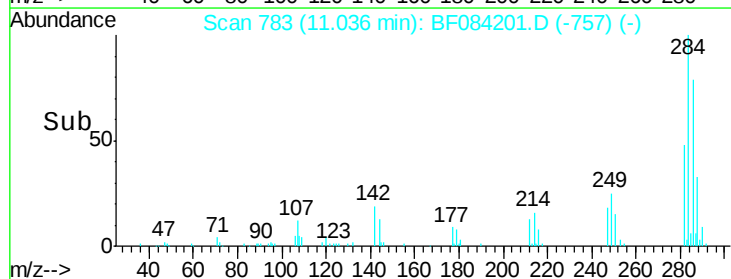
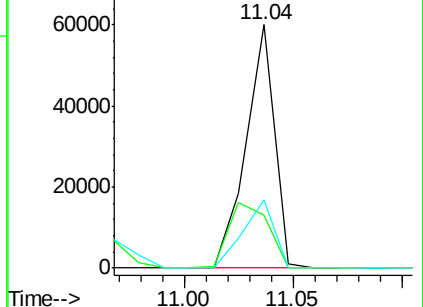
249 27.8 24.6 37.0

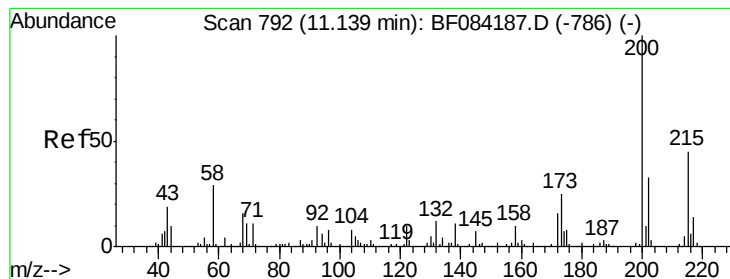


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 4.26 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

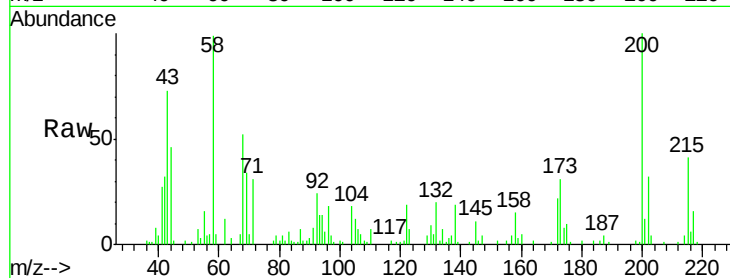
Tgt Ion:200 Resp: 46820

Ion Ratio Lower Upper

200 100

173 31.1 9.5 49.5

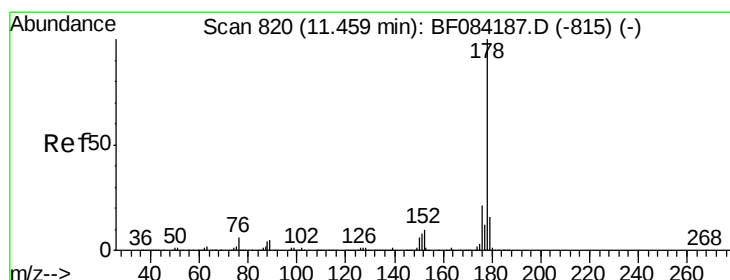
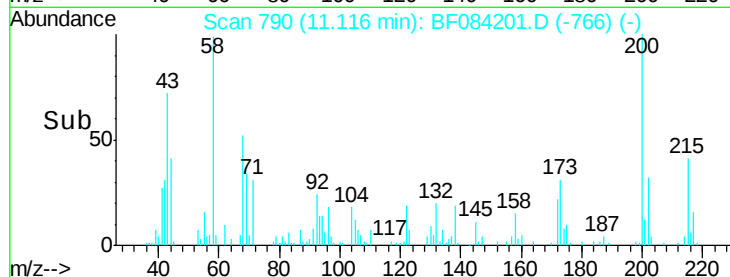
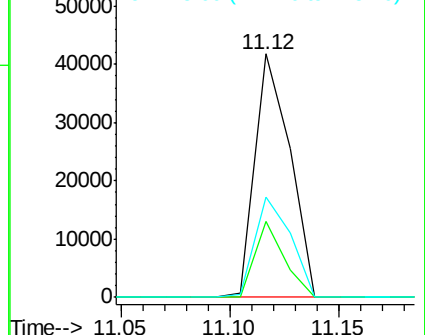
215 41.4 23.8 63.8



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



#70

Phenanthrene

Concen: 5.25 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

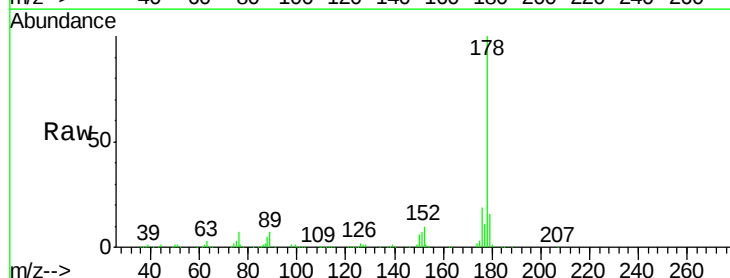
Tgt Ion:178 Resp: 288689

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

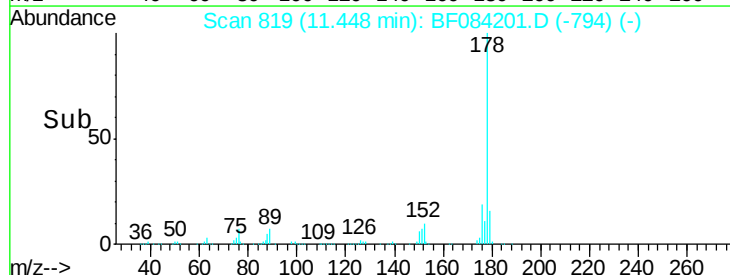
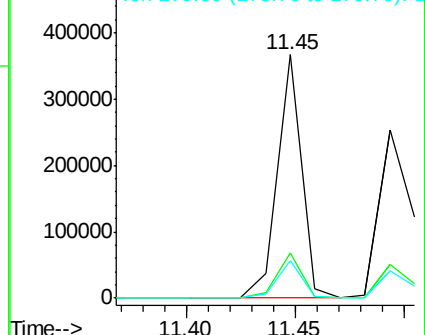
179 15.5 12.0 18.0

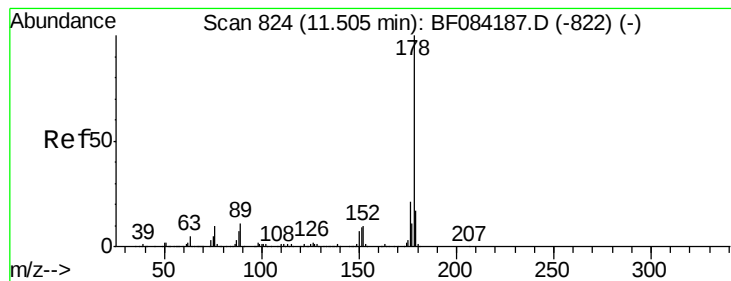


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.89 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

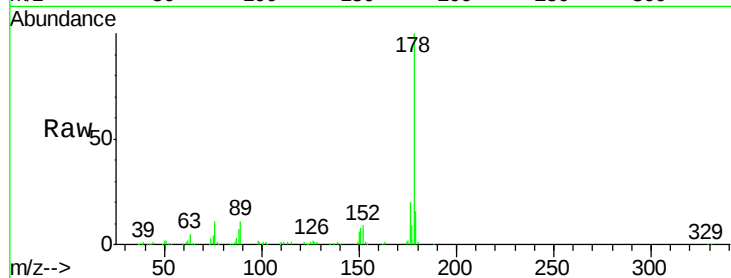
Tgt Ion:178 Resp: 263897

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

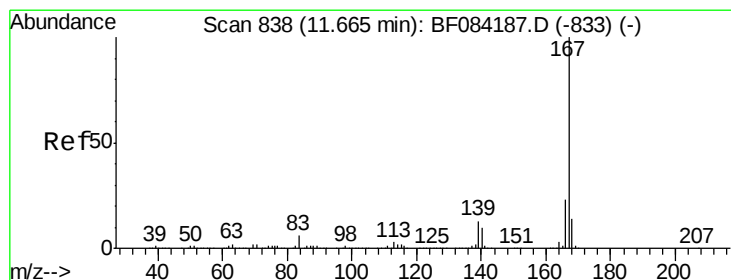
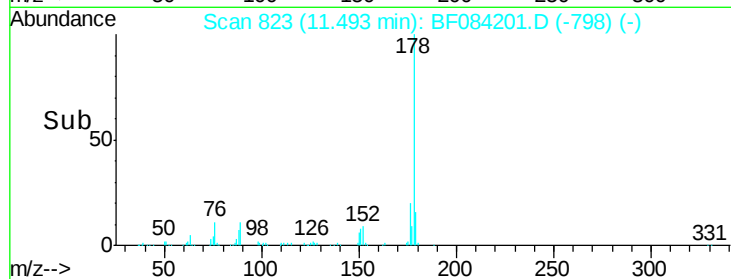
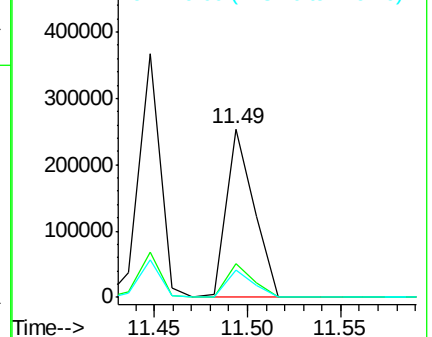
179 16.2 12.5 18.7



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: 4.47 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

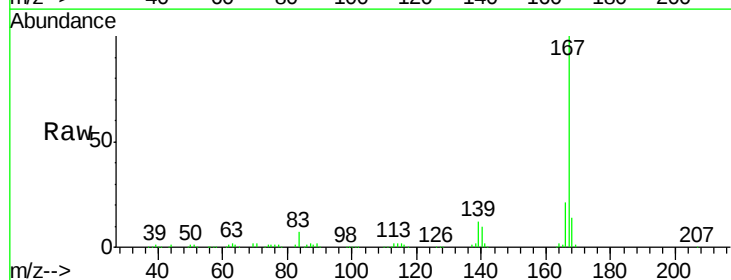
Tgt Ion:167 Resp: 235613

Ion Ratio Lower Upper

167 100

166 20.9 17.6 26.4

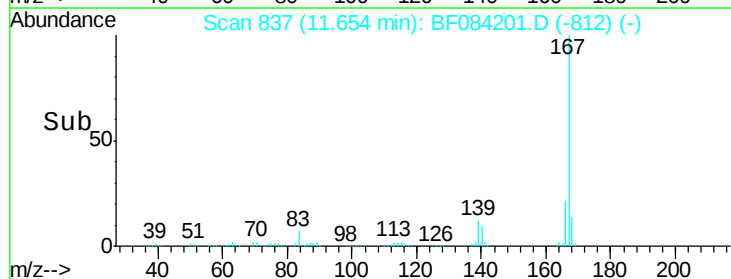
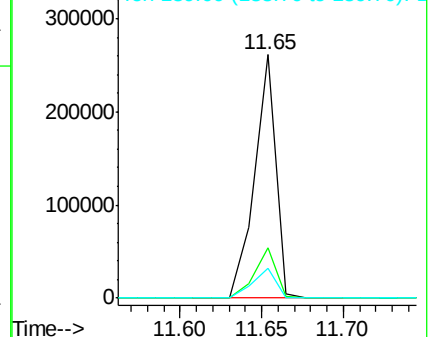
139 12.3 11.8 17.8

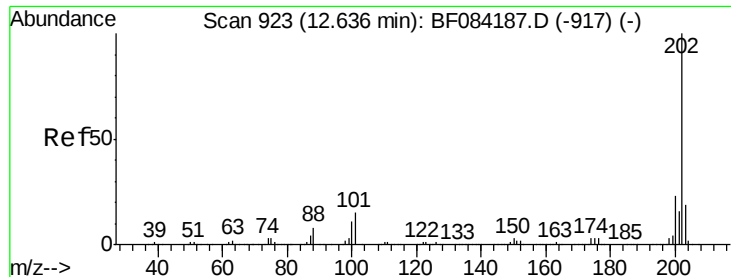


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

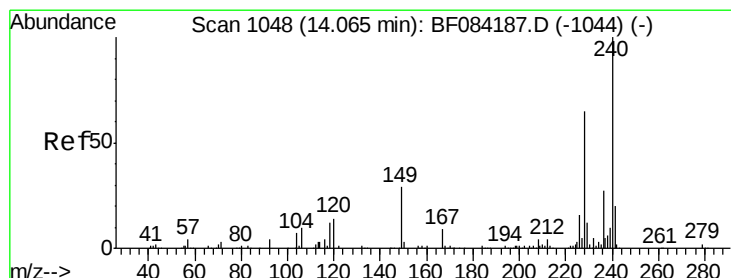
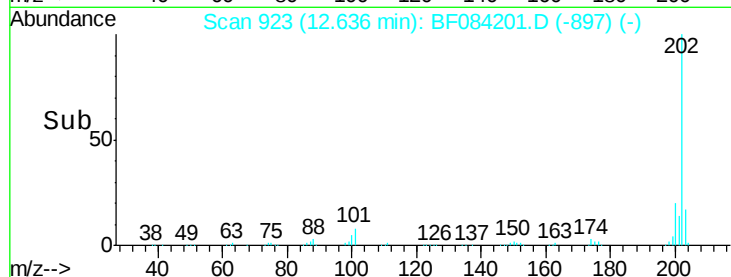
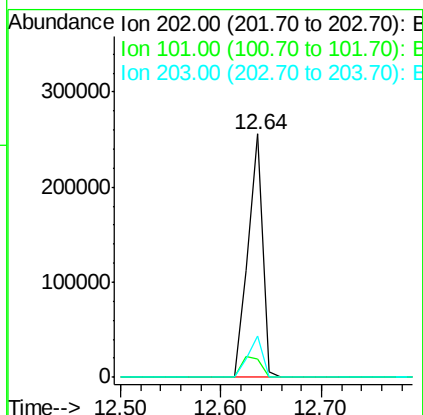
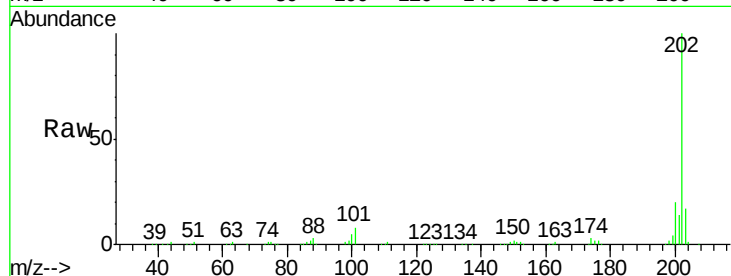




#74
 Fluoranthene
 Concen: 4.49 ng
 RT: 12.64 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

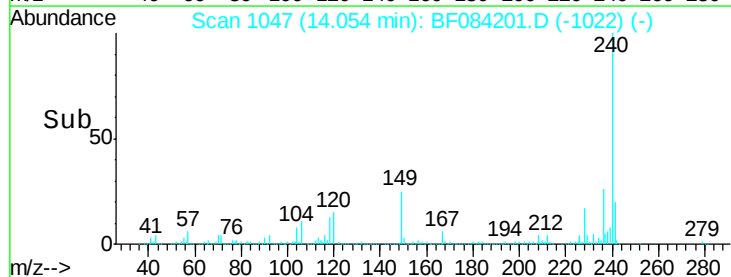
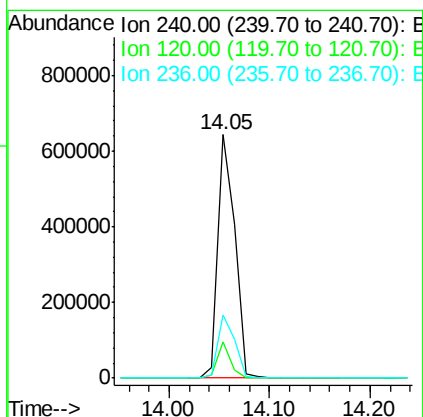
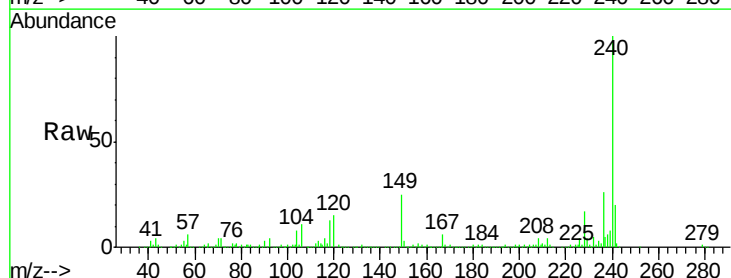
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

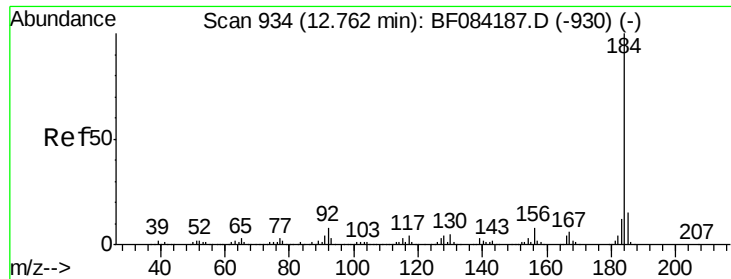
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.8
203	17.0	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF084201.D
 Acq: 31 Dec 2015 18:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.8	20.6	31.0





#76

Benzidine

Concen: 2.23 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

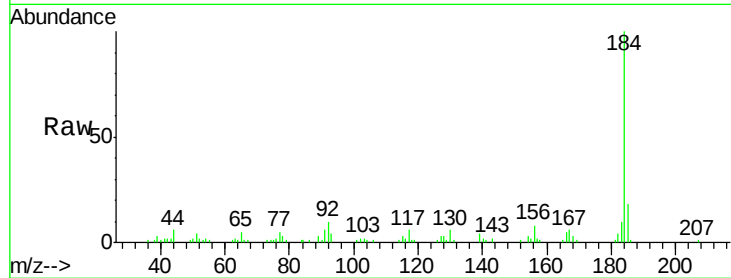
Tgt Ion:184 Resp: 60238

Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

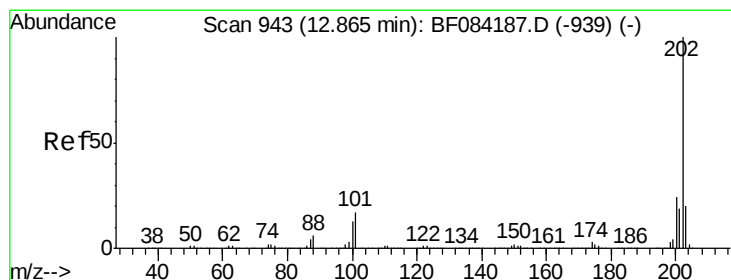
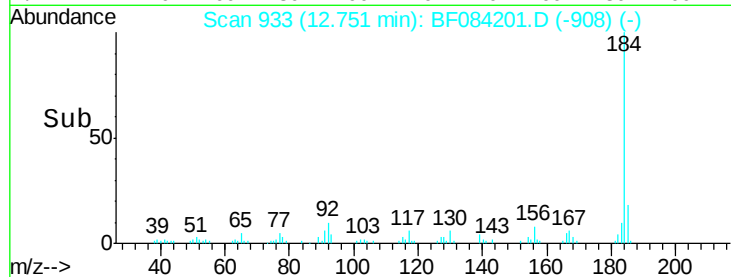
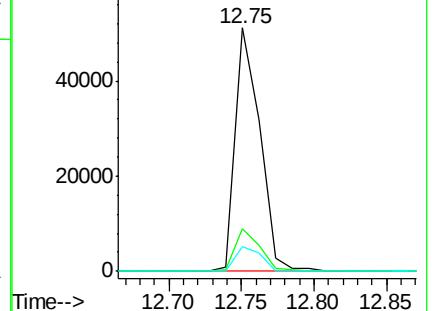
183 10.1 9.8 14.8



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: 4.52 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

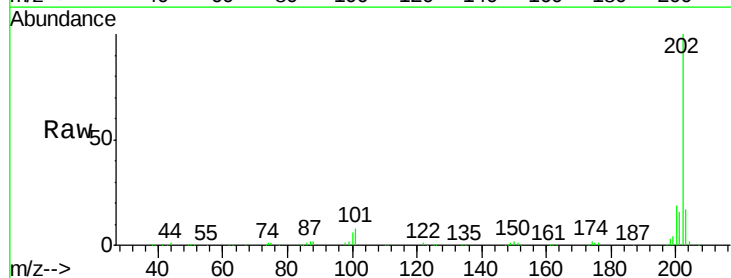
Tgt Ion:202 Resp: 267447

Ion Ratio Lower Upper

202 100

200 19.1 17.2 25.8

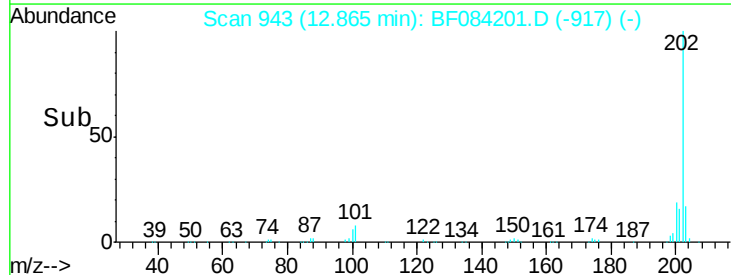
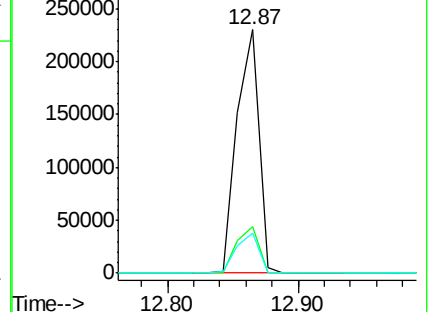
203 16.6 14.3 21.5

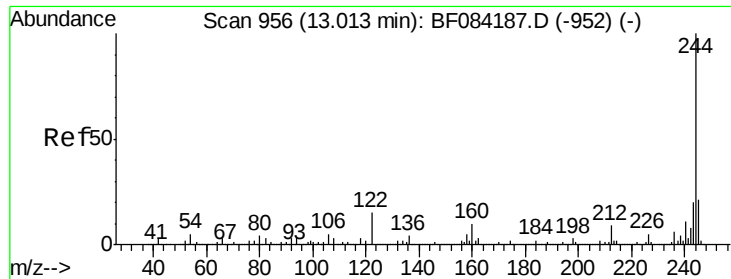


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.99 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

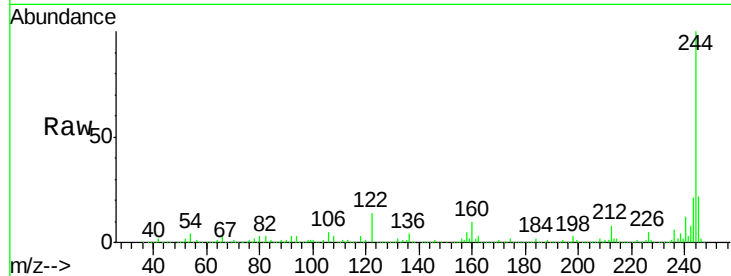
Tgt Ion:244 Resp: 2467034

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

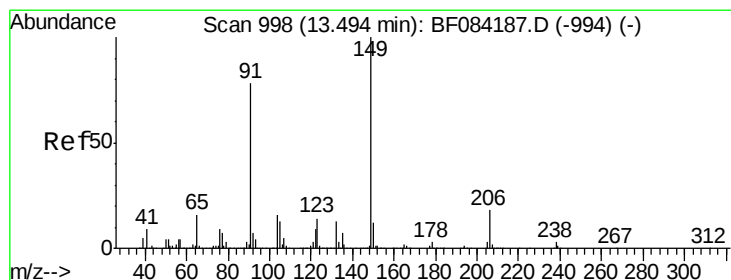
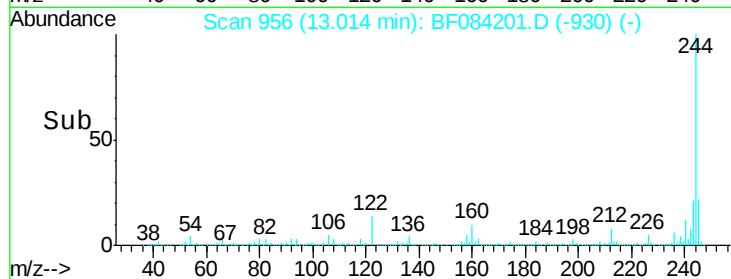
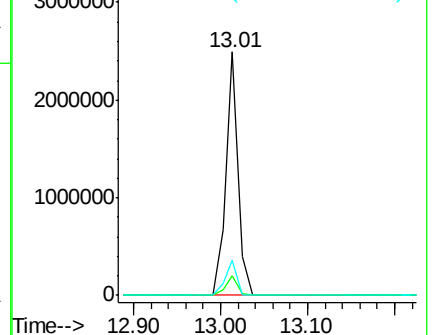
122 14.2 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.72 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

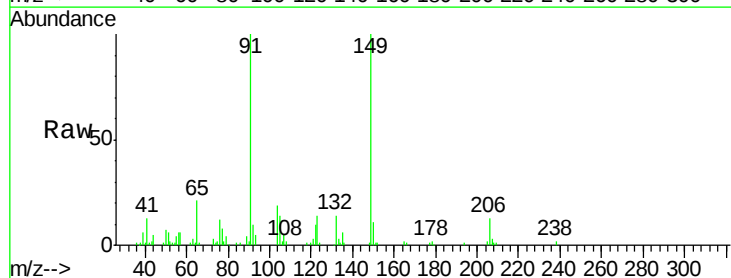
Tgt Ion:149 Resp: 95346

Ion Ratio Lower Upper

149 100

91 100.2 57.6 86.4#

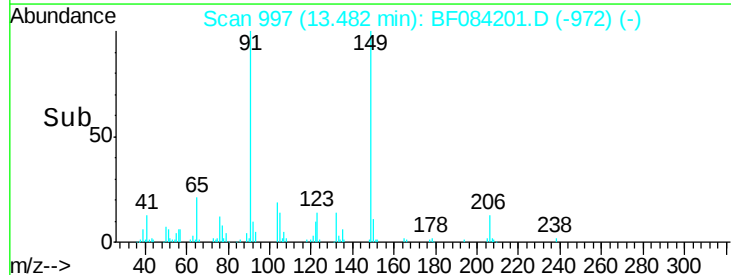
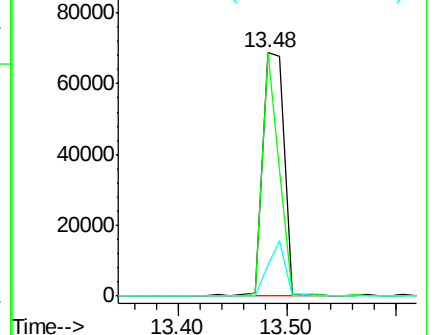
206 12.6 13.2 19.8#

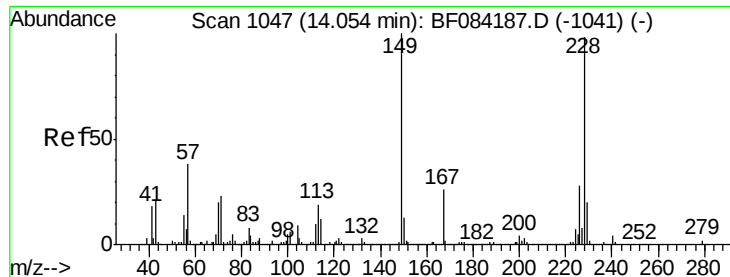


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 4.42 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

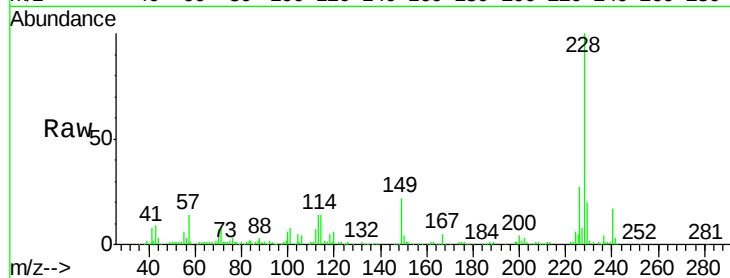
Tgt Ion:228 Resp: 195716

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.6

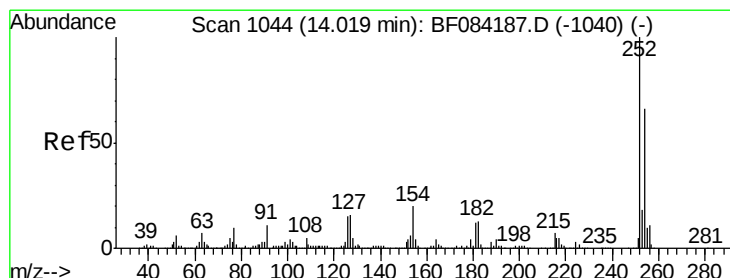
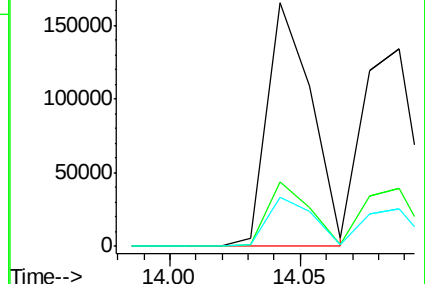
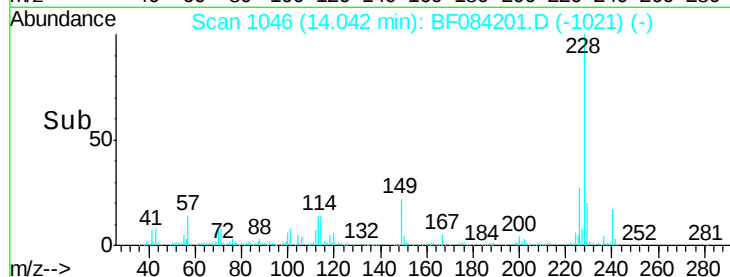
229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.47 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

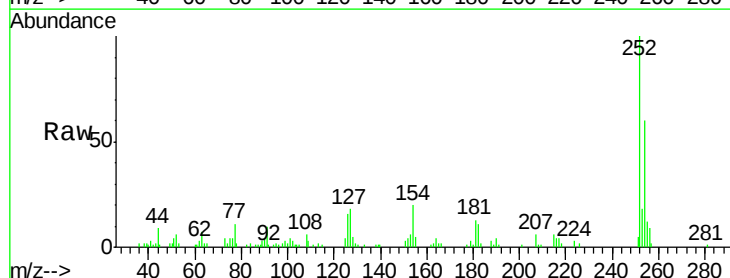
Tgt Ion:252 Resp: 38121

Ion Ratio Lower Upper

252 100

254 60.1 53.5 80.3

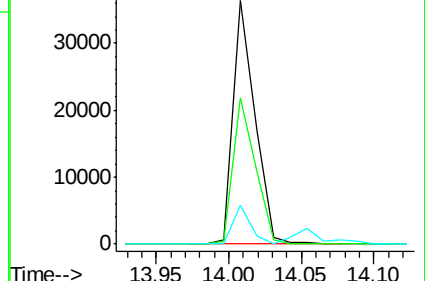
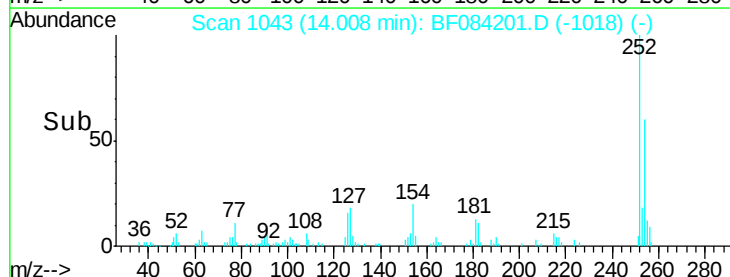
126 16.2 4.9 7.3#

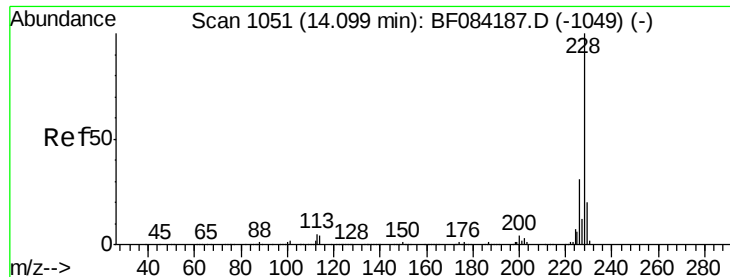


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.22 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

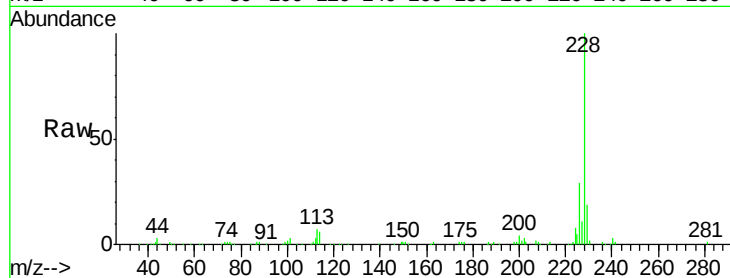
Tgt Ion:228 Resp: 179583

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

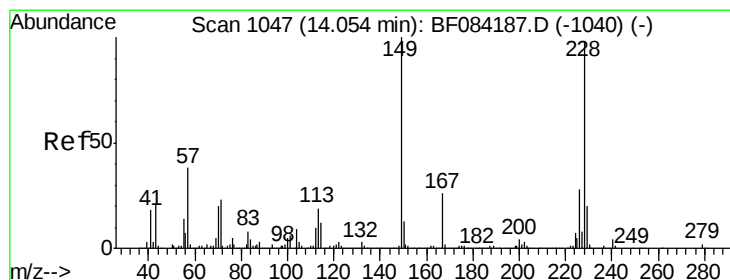
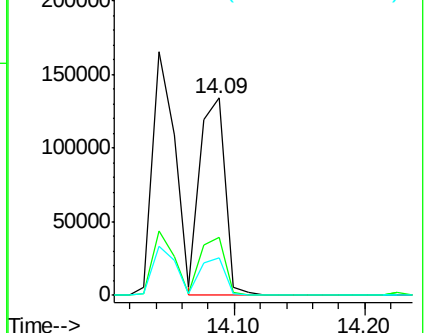
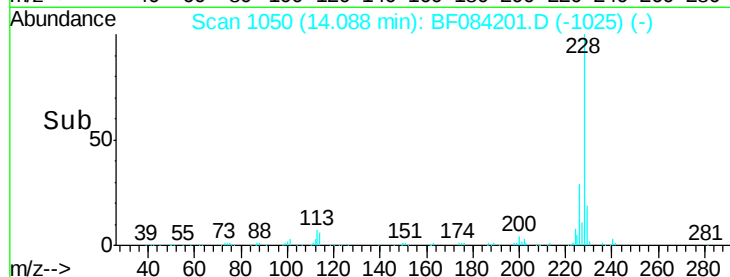
229 19.3 16.1 24.1



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: 4.35 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

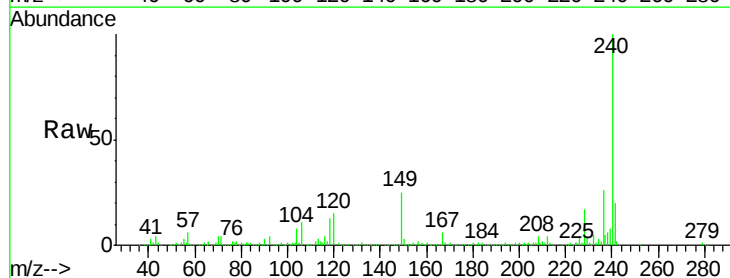
Tgt Ion:149 Resp: 140769

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

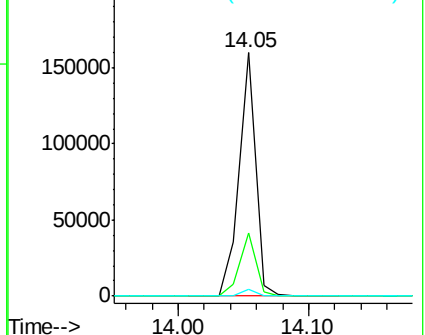
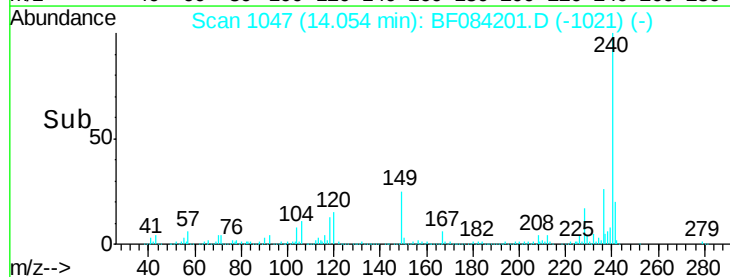
279 2.9 1.8 2.6#

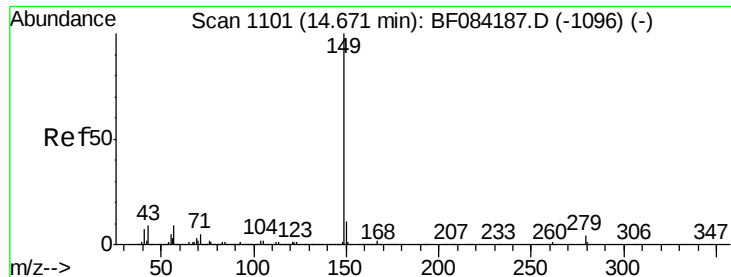


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

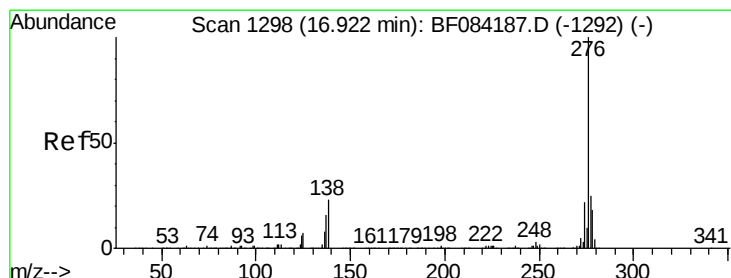
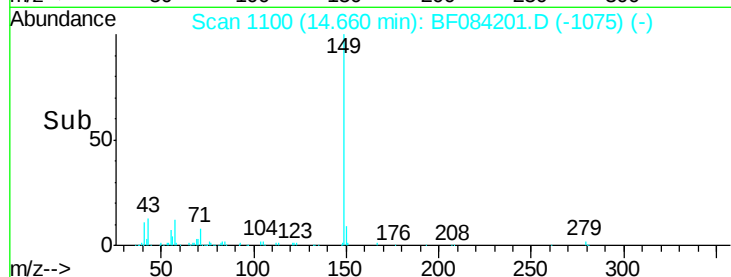
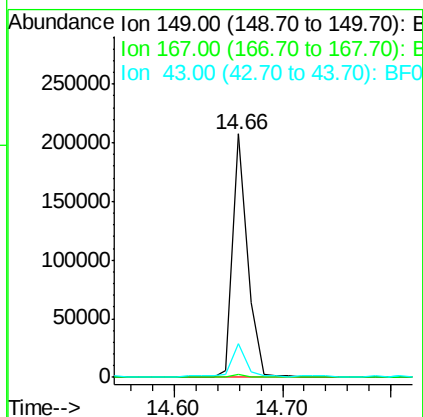
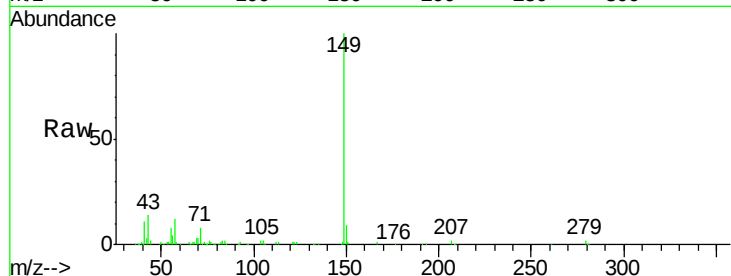




#84
Di-n-octyl phthalate
Concen: 3.57 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

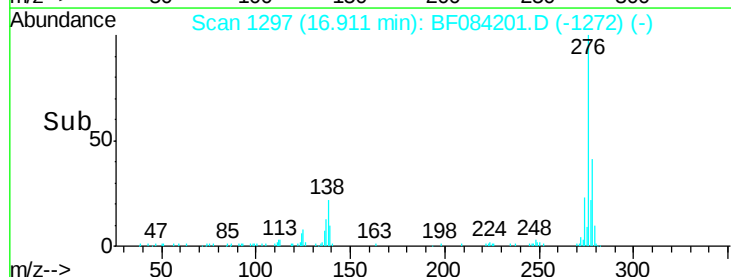
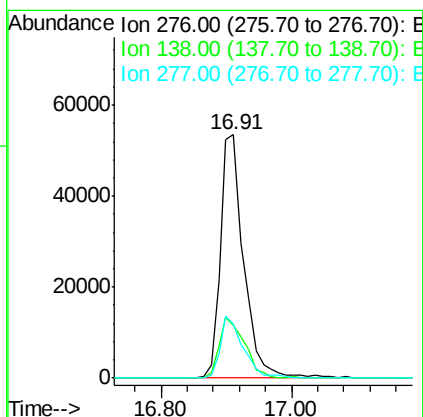
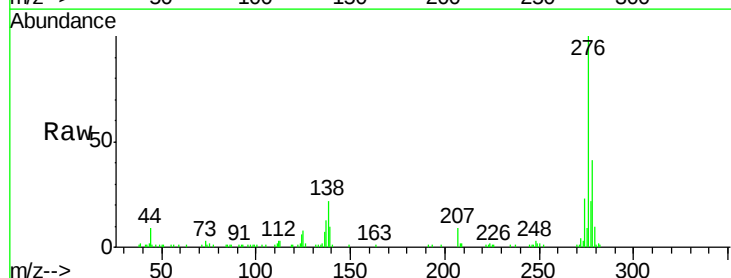
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

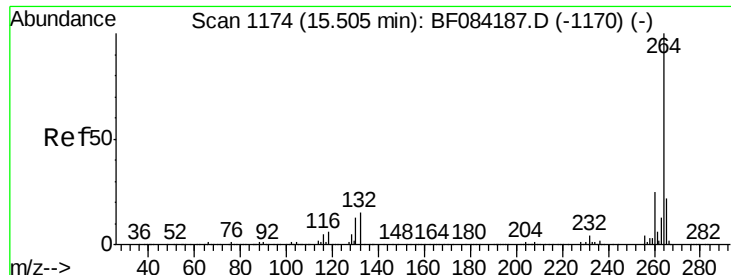
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.2	1.8
43	13.4	5.6	8.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.94 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.6	30.8
277	24.7	20.1	30.1



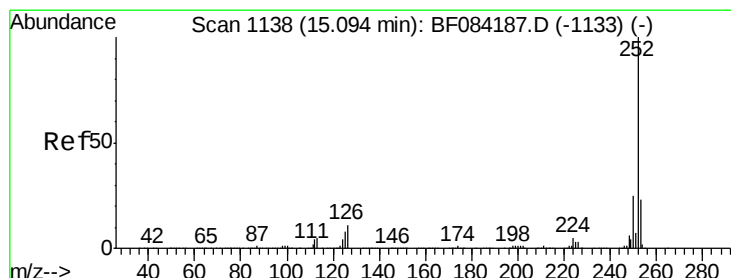
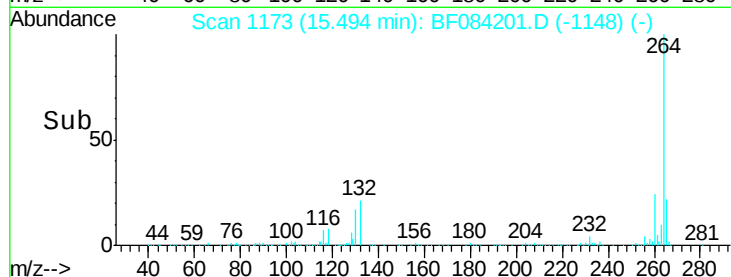
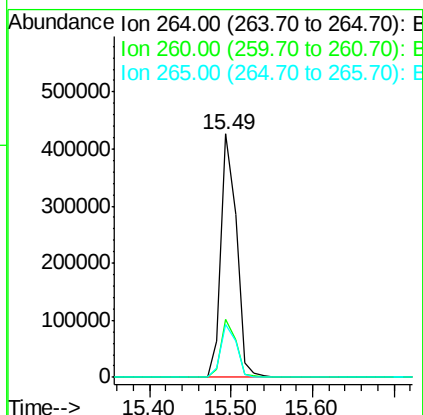
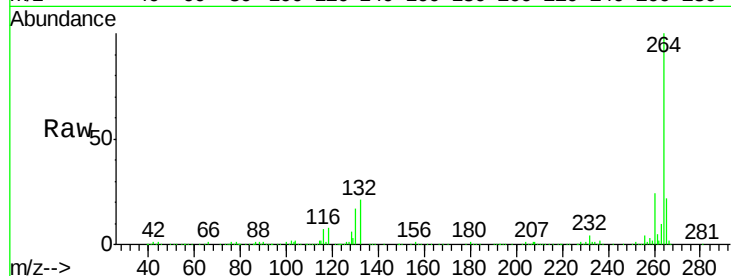


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 264 Resp: 563042

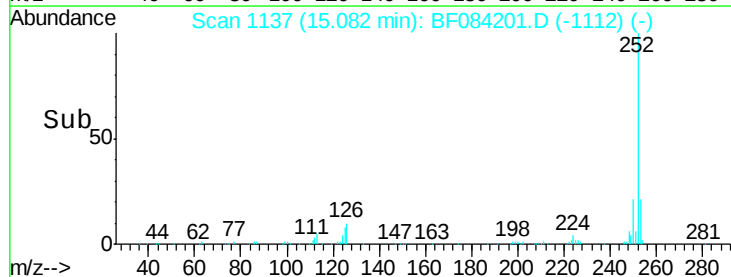
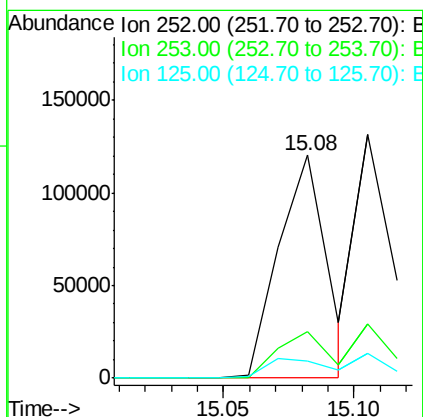
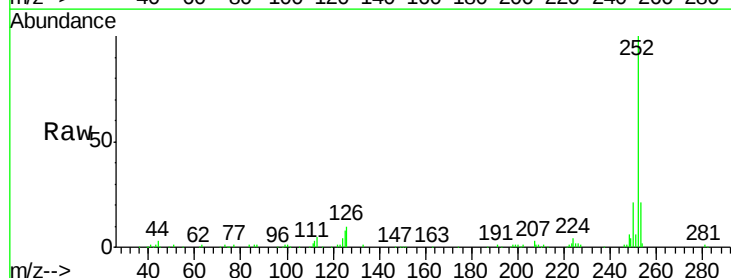
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.8	26.6

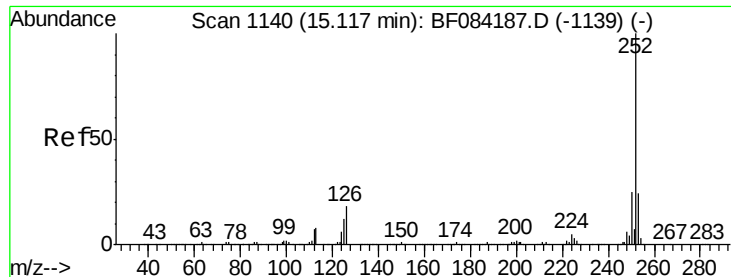


#87
Benzo(b)fluoranthene
Concen: 4.14 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 252 Resp: 152558

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.3	25.9
125	7.5	6.5	9.7

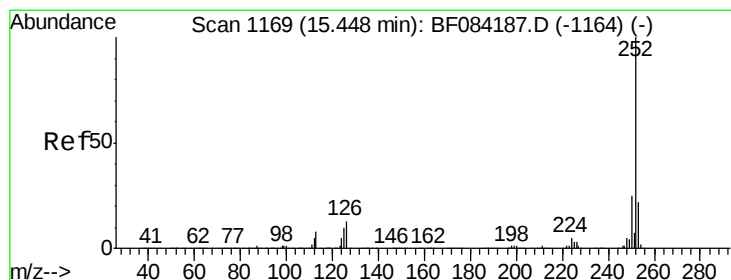
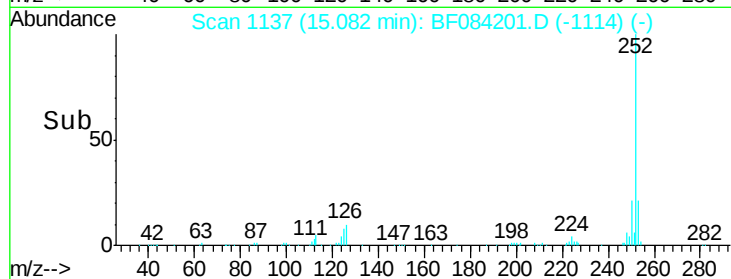
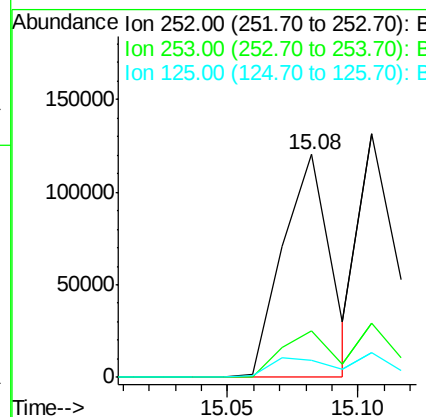
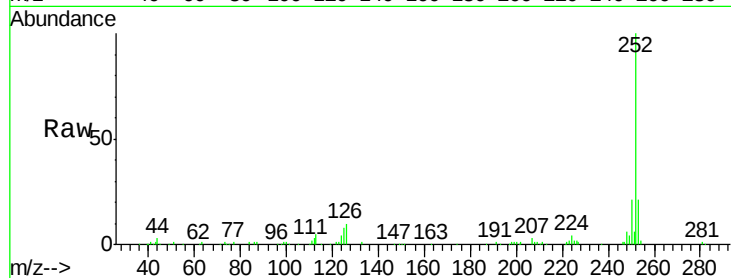




#88
Benzo(k)fluoranthene
Concen: 5.06 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

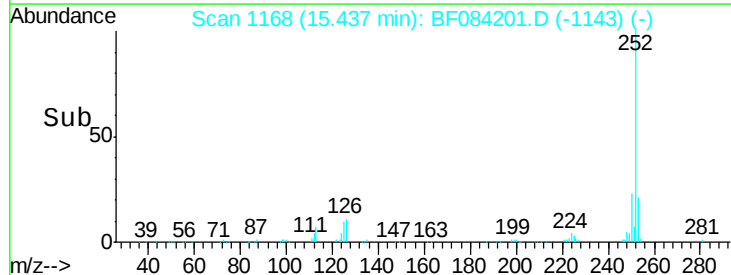
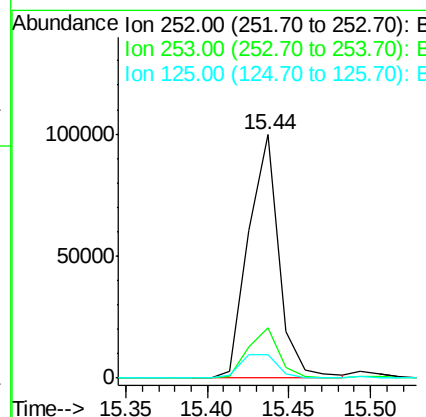
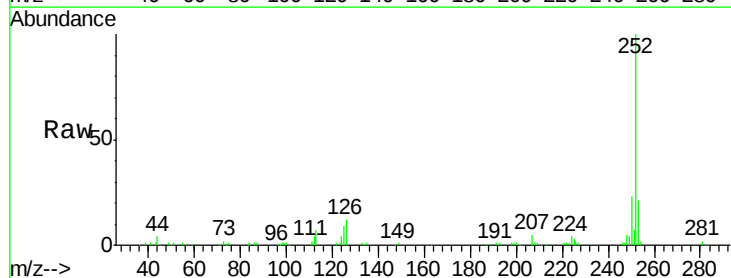
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

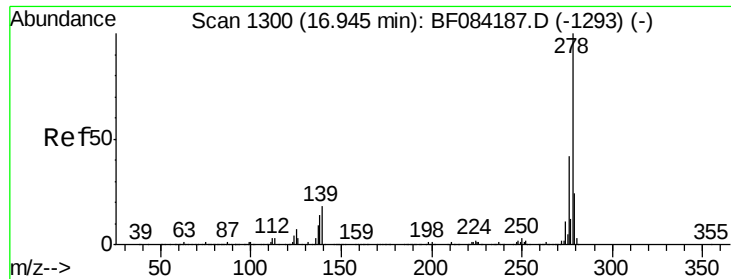
Tgt Ion: 252 Resp: 152558
Ion Ratio Lower Upper
252 100
253 20.6 18.1 27.1
125 7.5 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 4.13 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084201.D
Acq: 31 Dec 2015 18:12

Tgt Ion: 252 Resp: 128982
Ion Ratio Lower Upper
252 100
253 20.7 17.3 25.9
125 9.4 7.0 10.4





#90

Dibenzo(a,h)anthracene

Concen: 4.00 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

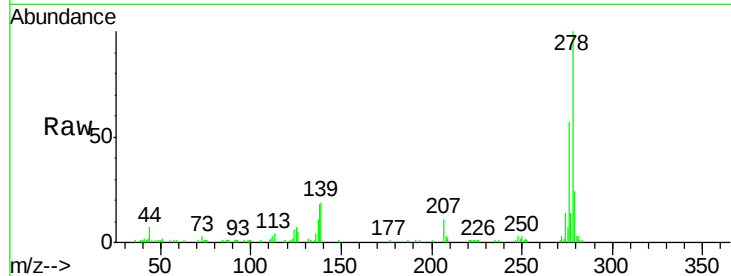
Tgt Ion: 278 Resp: 107604

Ion Ratio Lower Upper

278 100

139 19.0 15.0 22.4

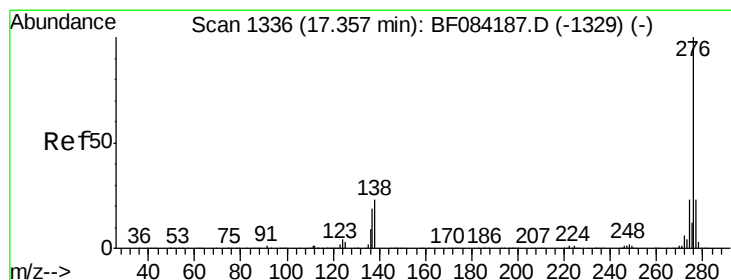
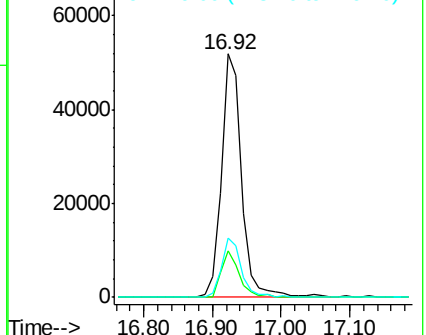
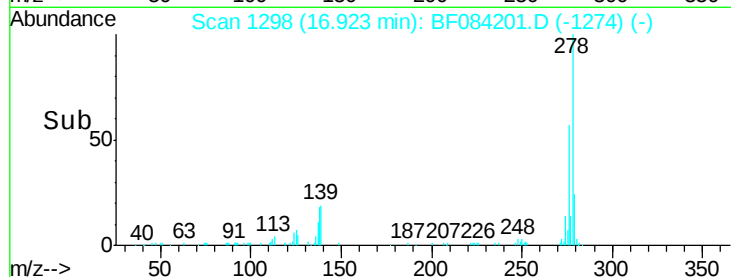
279 24.2 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.01 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF084201.D

Acq: 31 Dec 2015 18:12

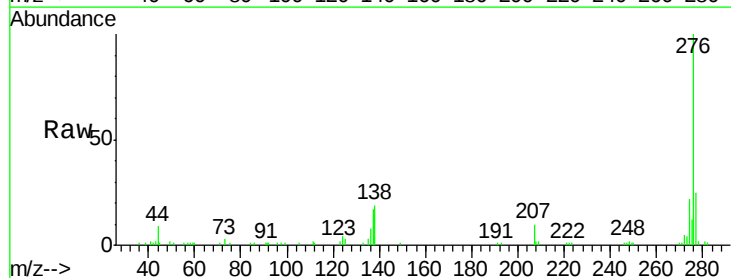
Tgt Ion: 276 Resp: 111731

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 19.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

