

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084203.D
 Acq On : 31 Dec 2015 19:08
 Operator : UM/SJ
 Sample : G4825-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Jan 01 23:26:28 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	288714	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1213038	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	546855	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	1047312	20.00	ng	0.00
75) Chrysene-d12	14.07	240	798246	20.00	ng	0.00
86) Perylene-d12	15.49	264	570648	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1987440	111.34	ng	0.01
7) Phenol-d6	6.53	99	2919993	130.25	ng	0.00
23) Nitrobenzene-d5	7.46	82	1898501	87.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	690606	125.09	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2694421	86.81	ng	0.00
78) Terphenyl-d14	13.01	244	2575359	72.02	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	137520	16.26	ng	# 75
3) Pyridine	3.34	79	353701	15.00	ng	# 71
4) n-Nitrosodimethylamine	3.26	42	202193	16.71	ng	# 77
6) Aniline	6.56	93	378797	11.55	ng	# 82
8) 2-Chlorophenol	6.68	128	388014	19.16	ng	90
9) Benzaldehyde	6.44	77	299826	20.54	ng	94
10) Phenol	6.54	94	441095	17.31	ng	78
11) bis(2-Chloroethyl)ether	6.64	93	382631	19.38	ng	84
12) 1,3-Dichlorobenzene	6.84	146	398323	19.07	ng	98
13) 1,4-Dichlorobenzene	6.84	146	398323	19.01	ng	95
14) 1,2-Dichlorobenzene	7.07	146	376316	18.76	ng	98
15) Benzyl Alcohol	7.04	79	349640	18.54	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	662214	18.42	ng	84
17) 2-Methylphenol	7.15	107	316476	18.65	ng	95
18) Hexachloroethane	7.41	117	150279	17.94	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	258205	17.01	ng	# 65
20) 3+4-Methylphenols	7.30	107	383234	19.21	ng	# 73
22) Acetophenone	7.31	105	531046	18.21	ng	# 97
24) Nitrobenzene	7.48	77	429331	19.42	ng	98
25) Isophorone	7.72	82	755956	18.13	ng	99
26) 2-Nitrophenol	7.80	139	184540	18.34	ng	94
27) 2,4-Dimethylphenol	7.84	122	365377	17.94	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	474732	18.64	ng	98
29) 2,4-Dichlorophenol	8.04	162	309541	18.25	ng	94
30) 1,2,4-Trichlorobenzene	8.12	180	318333	18.18	ng	97
31) Naphthalene	8.21	128	1043919	18.97	ng	98
32) Benzoic acid	7.92	122	151420	16.30	ng	92
33) 4-Chloroaniline	8.26	127	231733	9.18	ng	# 90
34) Hexachlorobutadiene	8.33	225	178257	17.71	ng	99
35) Caprolactam	8.60	113	93741	16.39	ng	# 40
36) 4-Chloro-3-methylphenol	8.73	107	320826	16.88	ng	89
37) 2-Methylnaphthalene	8.90	142	717765	18.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	287102	18.26	ng	97
40) Hexachlorocyclopentadiene	9.06	237	185594	19.56	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	215345	18.31	ng	96
43) 2,4,5-Trichlorophenol	9.21	196	201860	17.90	ng #	82
45) 1,1'-Biphenyl	9.37	154	871371	20.05	ng	96
46) 2-Chloronaphthalene	9.39	162	688315	20.16	ng #	90
47) 2-Nitroaniline	9.48	65	218608	19.40	ng #	80
48) Acenaphthylene	9.80	152	1038244	20.59	ng	98
49) Dimethylphthalate	9.66	163	814337	20.83	ng #	90
50) 2,6-Dinitrotoluene	9.72	165	169626	19.78	ng #	67
51) Acenaphthene	9.97	154	657260	19.43	ng	97
52) 3-Nitroaniline	9.88	138	125087	11.77	ng	89
53) 2,4-Dinitrophenol	9.98	184	37036	13.25	ng #	1
54) Dibenzofuran	10.14	168	918985	19.28	ng	94
55) 4-Nitrophenol	10.04	139	138594	17.97	ng	94
56) 2,4-Dinitrotoluene	10.12	165	234514	21.61	ng	94
57) Fluorene	10.49	166	705203	19.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	180104	18.71	ng	96
59) Diethylphthalate	10.36	149	739765	19.19	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	330676	18.46	ng	89
61) 4-Nitroaniline	10.50	138	180960	19.11	ng	86
62) Azobenzene	10.65	77	842523	19.93	ng	92
64) 4,6-Dinitro-2-methylphenol	10.52	198	73003	14.96	ng #	38
65) n-Nitrosodiphenylamine	10.60	169	667622	19.94	ng	97
66) 4-Bromophenyl-phenylether	10.97	248	197235	17.50	ng #	64
67) Hexachlorobenzene	11.04	284	234953	18.52	ng	97
68) Atrazine	11.13	200	233614	21.32	ng	97
69) Pentachlorophenol	11.23	266	97848	14.87	ng	99
70) Phenanthrene	11.45	178	1087155	19.84	ng	98
71) Anthracene	11.51	178	1094724	20.39	ng	99
72) Carbazole	11.65	167	996373	18.98	ng	98
73) Di-n-butylphthalate	12.00	149	1226464	17.87	ng	98
74) Fluoranthene	12.64	202	1125717	19.67	ng	96
76) Benzidine	12.75	184	249069	8.70	ng	97
77) Pyrene	12.87	202	1156332	18.46	ng	99
79) Butylbenzylphthalate	13.49	149	475026	17.52	ng #	83
80) Benzo(a)anthracene	14.05	228	848754	18.11	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	135256	8.27	ng	98
82) Chrysene	14.09	228	823907	18.29	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	635484	18.56	ng #	96
84) Di-n-octyl phthalate	14.66	149	951280	16.45	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.91	276	610360	17.10	ng	99
87) Benzo(b)fluoranthene	15.08	252	1303553	34.92	ng	98
88) Benzo(k)fluoranthene	15.08	252	1303553	42.70	ng #	98
89) Benzo(a)pyrene	15.44	252	599293	18.93	ng #	97
90) Dibenzo(a,h)anthracene	16.93	278	521080	19.13	ng	97
91) Benzo(g,h,i)perylene	17.33	276	520511	18.45	ng	98

(#) = 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

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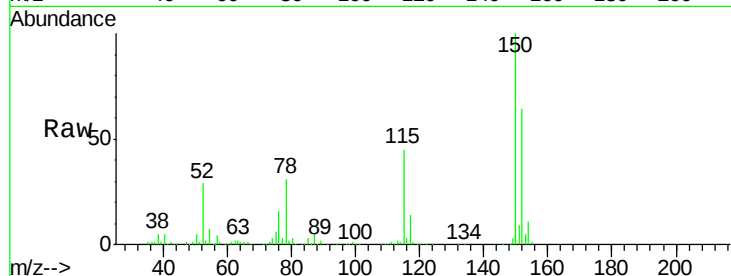
Tgt Ion:152 Resp: 288714

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.4

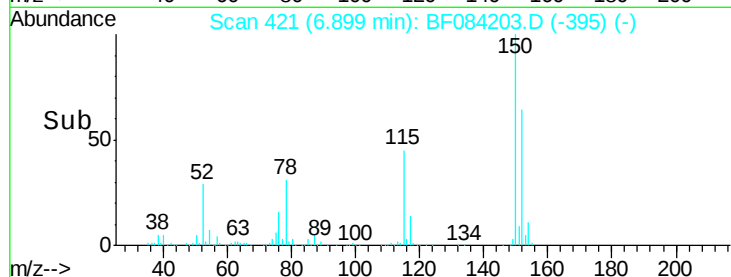
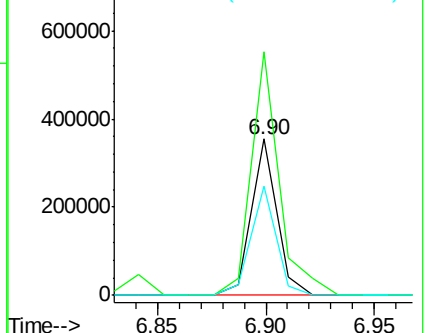
115 69.8 51.4 77.2



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



#2

1,4-Dioxane

Concen: 16.26 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.06 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

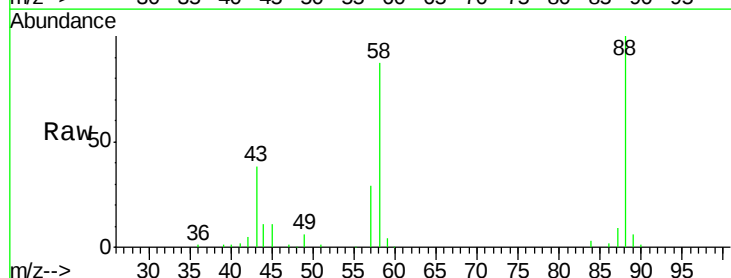
Tgt Ion: 88 Resp: 137520

Ion Ratio Lower Upper

88 100

58 83.9 51.2 76.8#

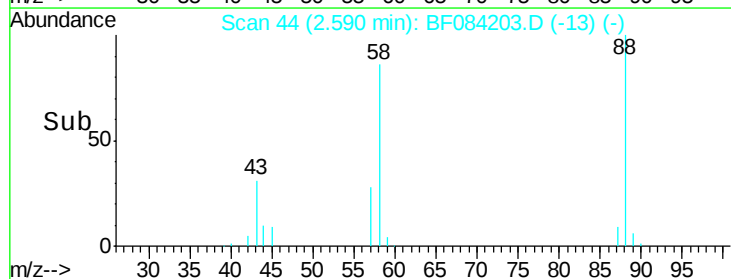
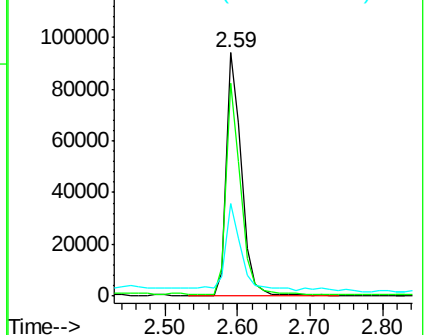
43 36.8 19.5 29.3#

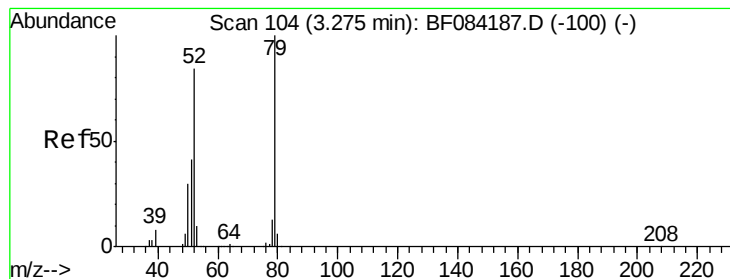


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.00 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

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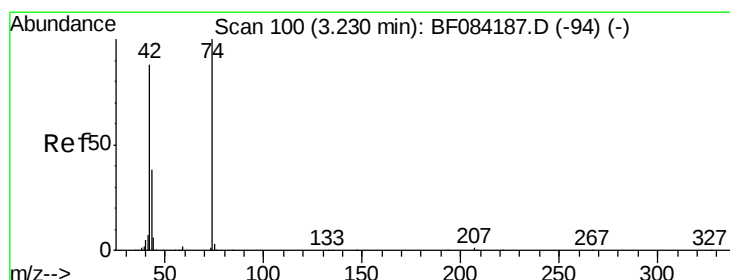
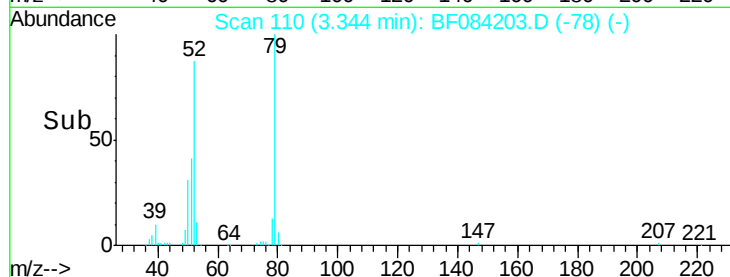
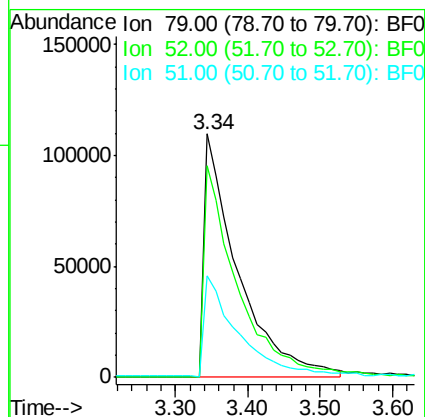
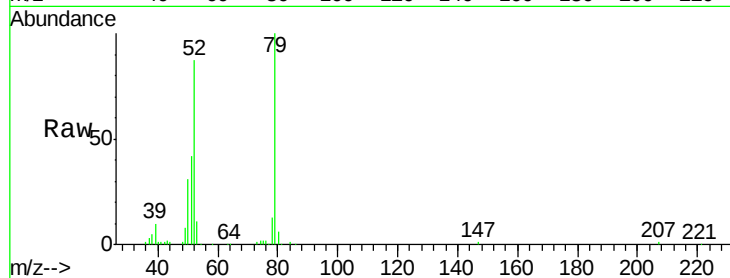
Tgt Ion: 79 Resp: 353701

Ion Ratio Lower Upper

79 100

52 87.0 49.0 73.4#

51 42.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 16.71 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

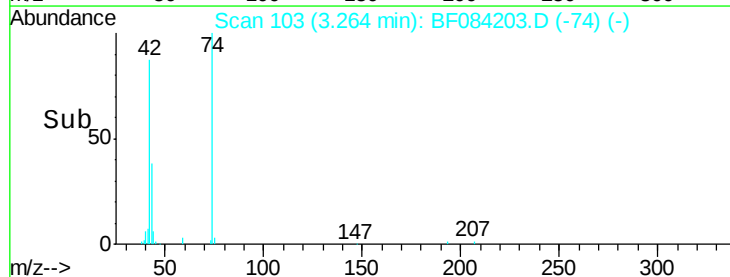
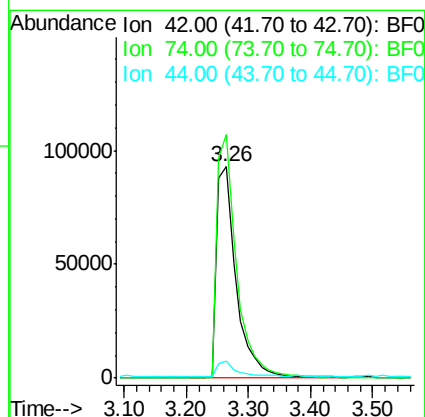
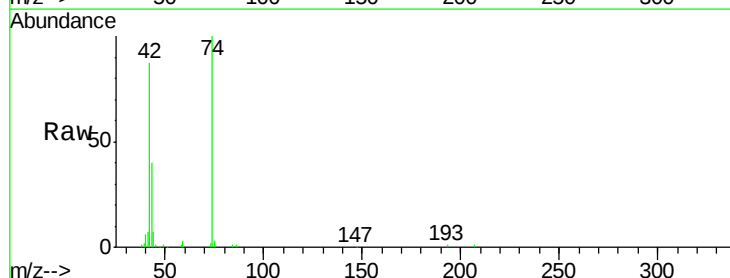
Tgt Ion: 42 Resp: 202193

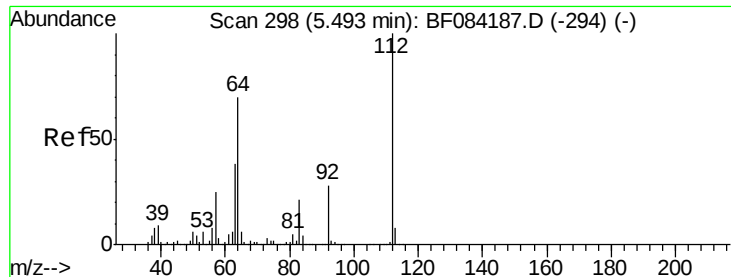
Ion Ratio Lower Upper

42 100

74 115.2 115.7 173.5#

44 8.2 5.1 7.7#





#5

2-Fluorophenol

Concen: 111.34 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

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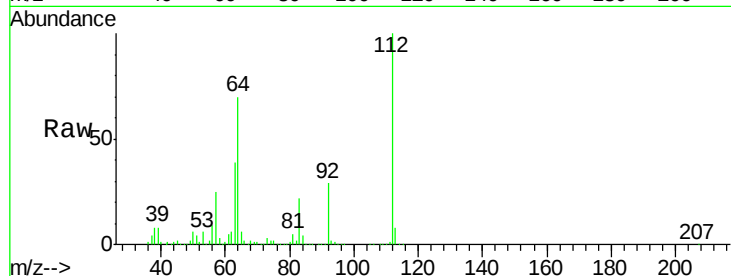
Tgt Ion:112 Resp: 1987440

Ion Ratio Lower Upper

112 100

64 69.7 36.6 55.0#

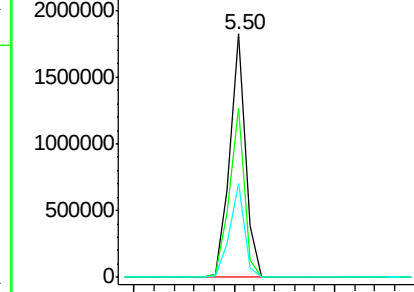
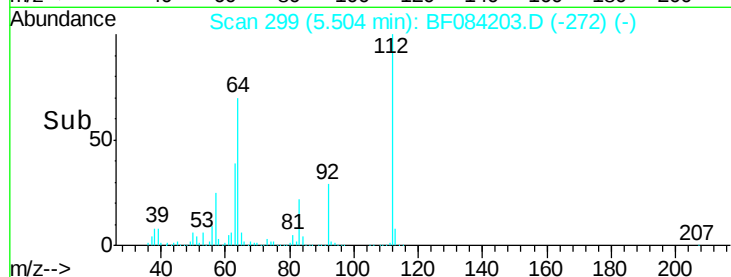
63 38.6 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.55 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

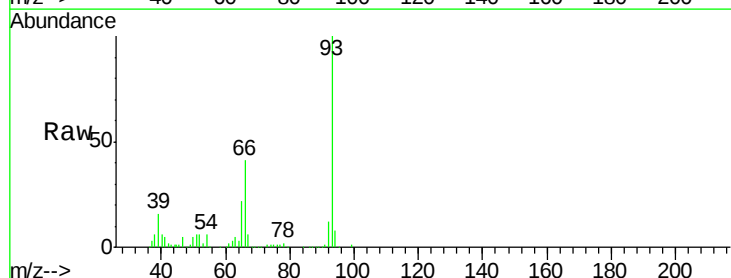
Tgt Ion: 93 Resp: 378797

Ion Ratio Lower Upper

93 100

66 41.2 44.9 67.3#

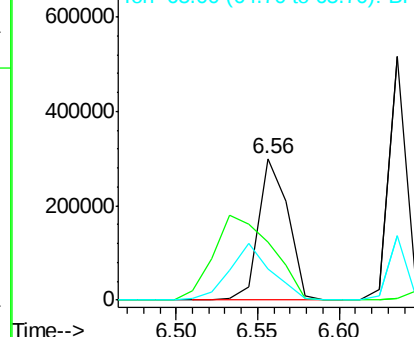
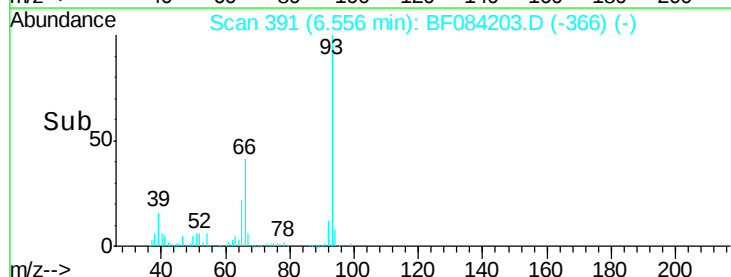
65 21.9 23.7 35.5#

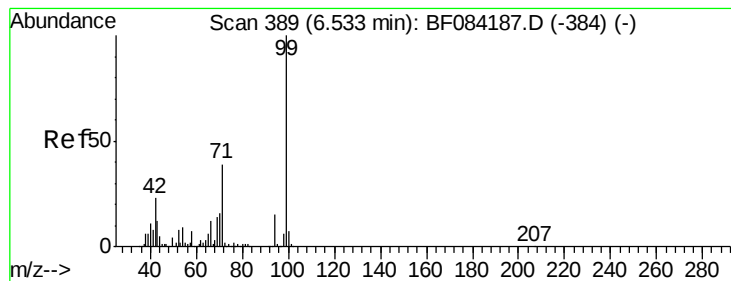


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.25 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

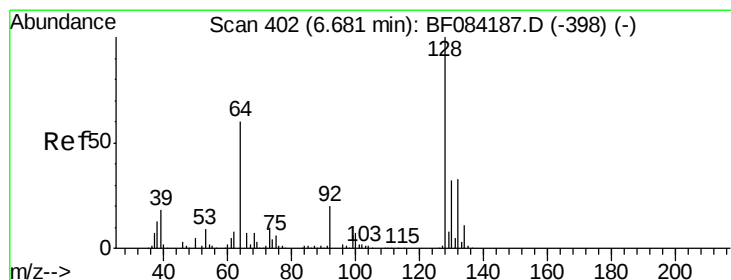
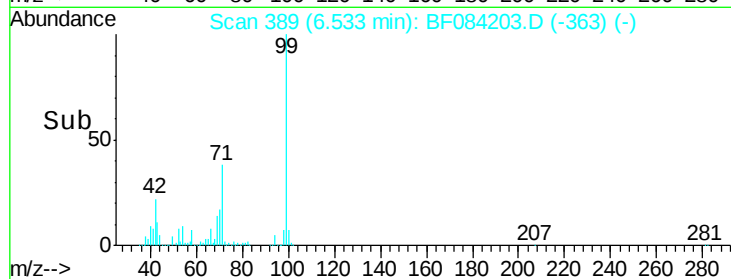
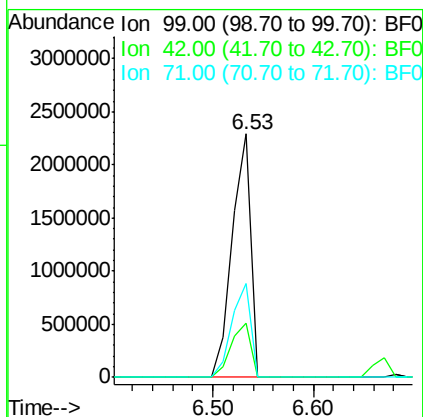
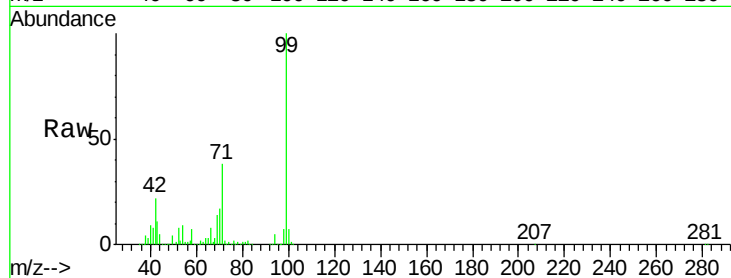
BNA_F

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Tgt Ion: 99 Resp: 2919993

Ion	Ratio	Lower	Upper
99	100		
42	22.0	12.8	19.2#
71	38.3	30.9	46.3



#8

2-Chlorophenol

Concen: 19.16 ng

RT: 6.68 min Scan# 402

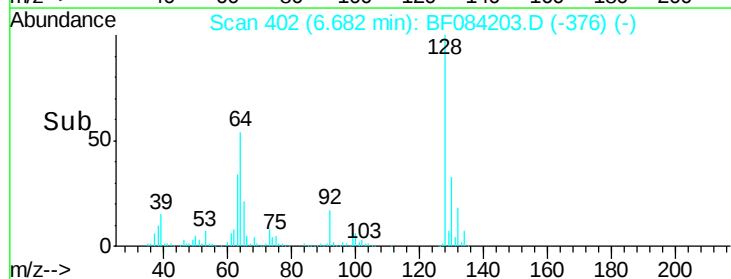
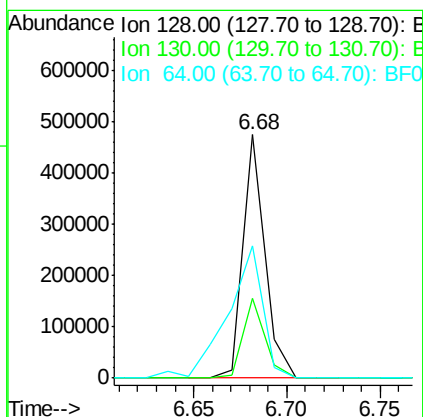
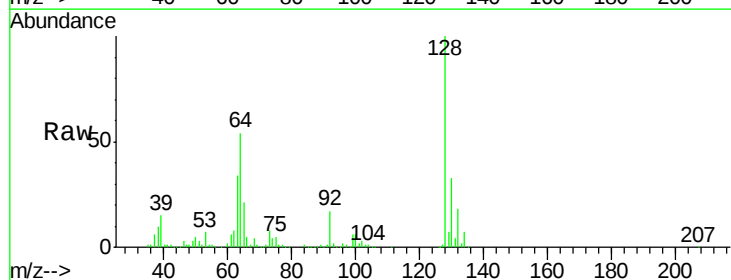
Delta R.T. 0.00 min

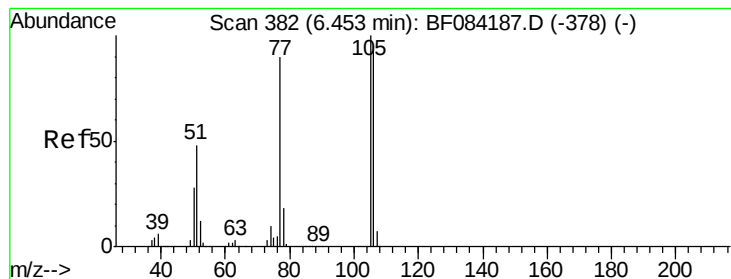
Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Tgt Ion: 128 Resp: 388014

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.6	51.6
64	54.3	23.8	63.8





#9

Benzaldehyde

Concen: 20.54 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

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LOQ-WATER2016-02

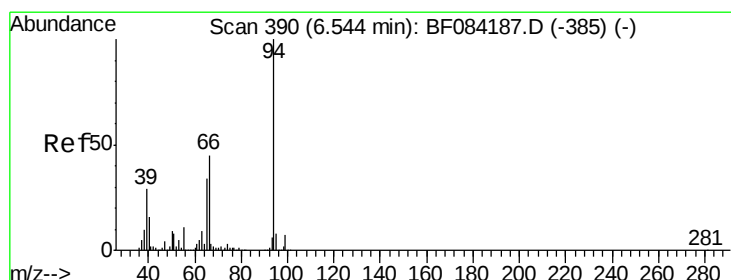
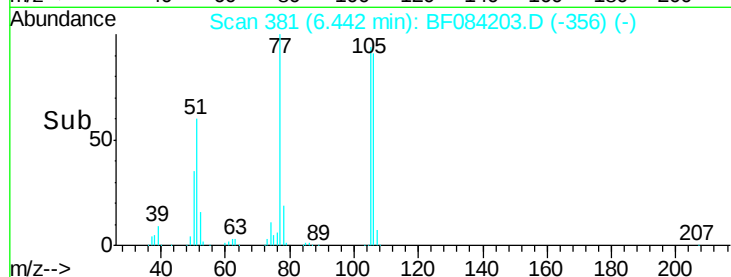
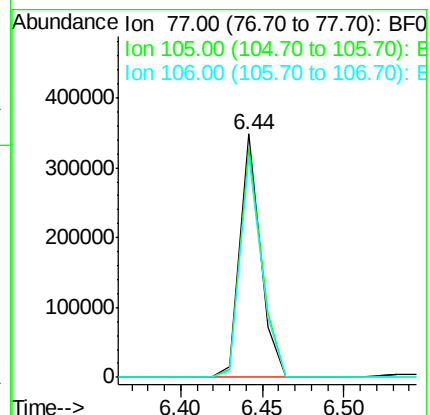
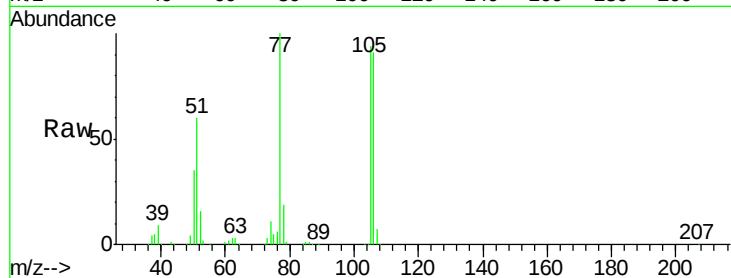
Tgt Ion: 77 Resp: 299826

Ion Ratio Lower Upper

77 100

105 94.3 83.0 123.0

106 90.8 74.6 114.6



#10

Phenol

Concen: 17.31 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

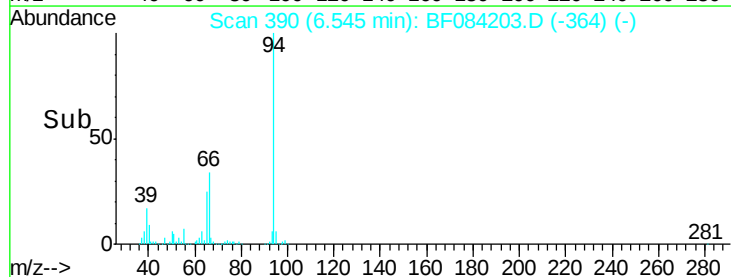
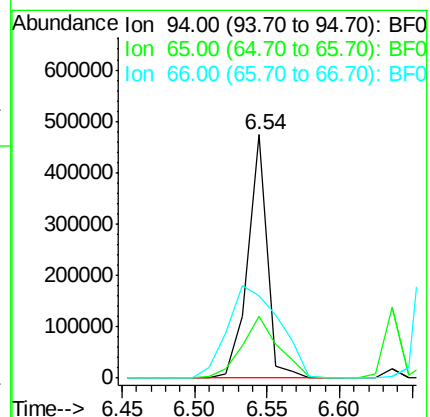
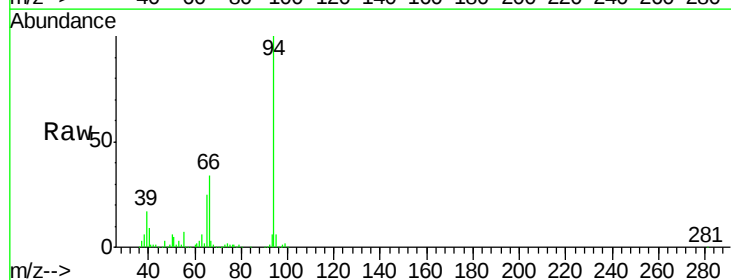
Tgt Ion: 94 Resp: 441095

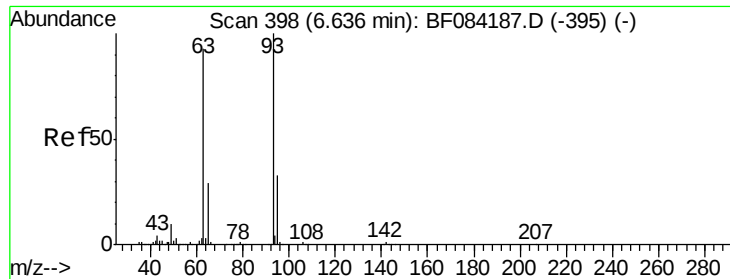
Ion Ratio Lower Upper

94 100

65 25.3 12.9 52.9

66 33.8 32.7 72.7

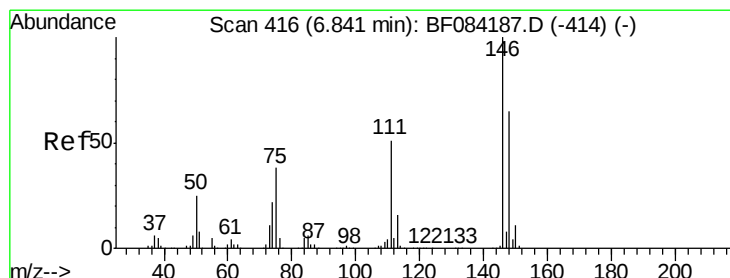
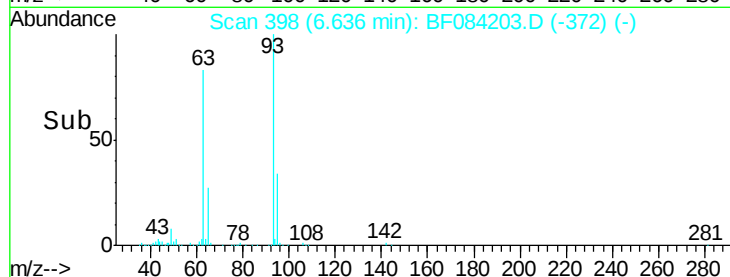
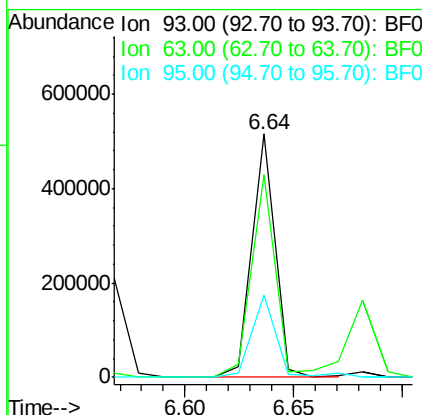
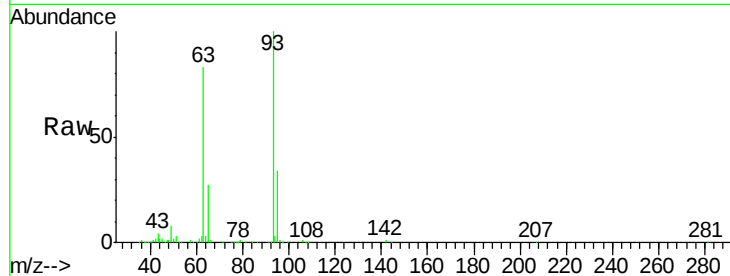




#11
bis(2-Chloroethyl)ether
Concen: 19.38 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

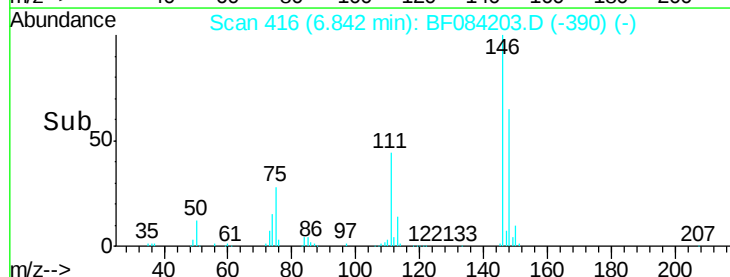
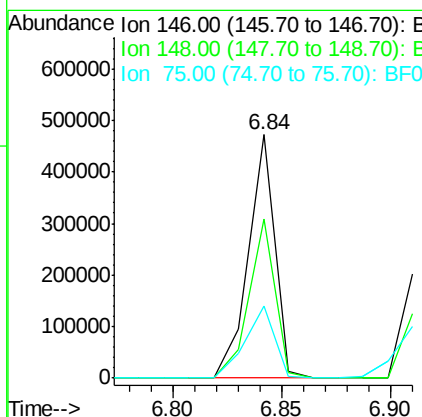
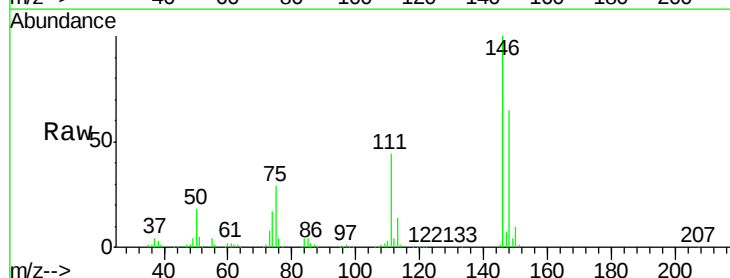
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

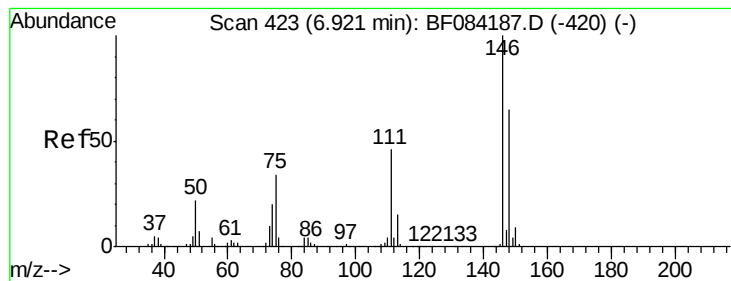
Tgt Ion: 93 Resp: 382631
Ion Ratio Lower Upper
93 100
63 83.4 45.9 85.9
95 33.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 19.07 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion: 146 Resp: 398323
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 29.4 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 19.01 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.08 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

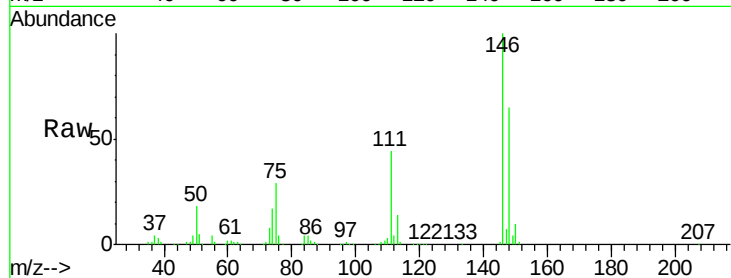
Tgt Ion:146 Resp: 398323

Ion Ratio Lower Upper

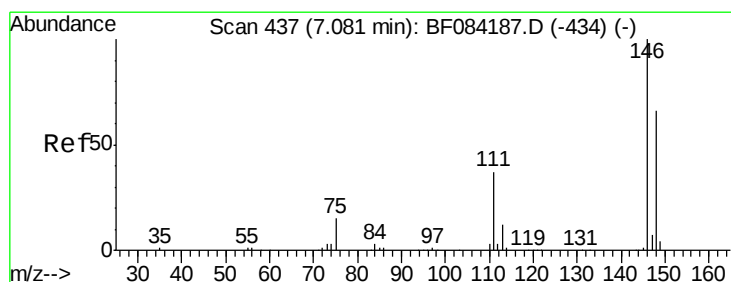
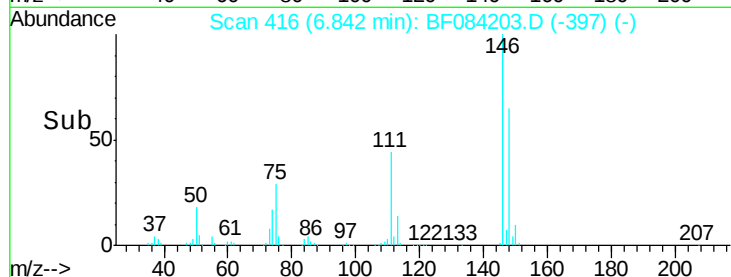
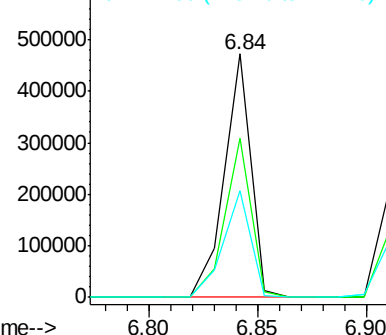
146 100

148 65.1 51.9 77.9

111 44.0 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: 18.76 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

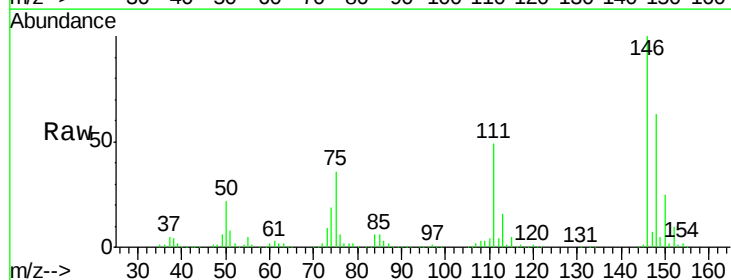
Tgt Ion:146 Resp: 376316

Ion Ratio Lower Upper

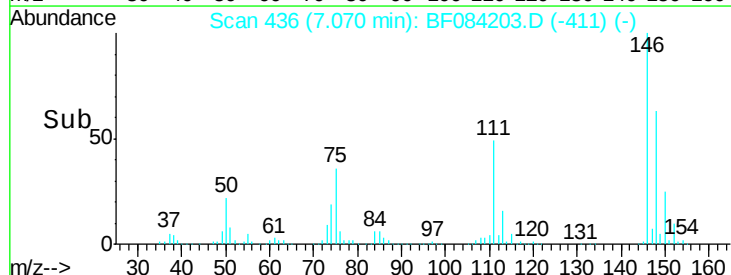
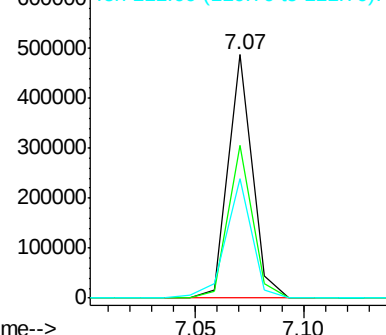
146 100

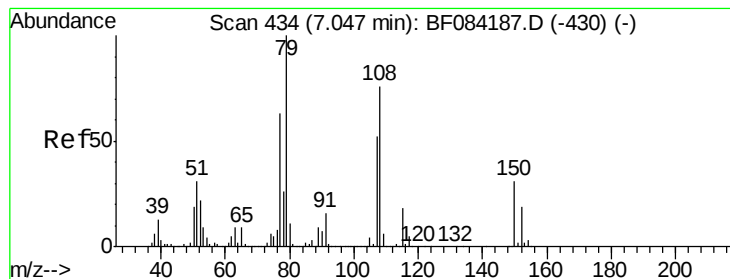
148 62.7 51.6 77.4

111 49.0 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: 18.54 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

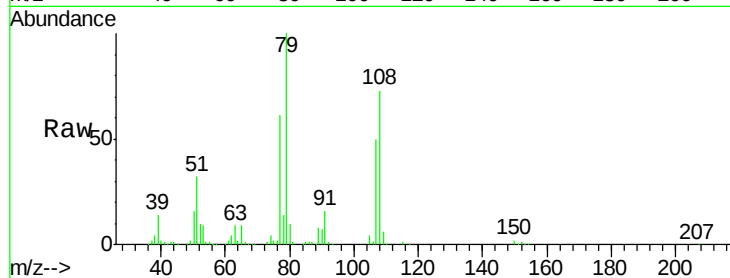
Tgt Ion: 79 Resp: 349640

Ion Ratio Lower Upper

79 100

108 72.6 69.0 103.4

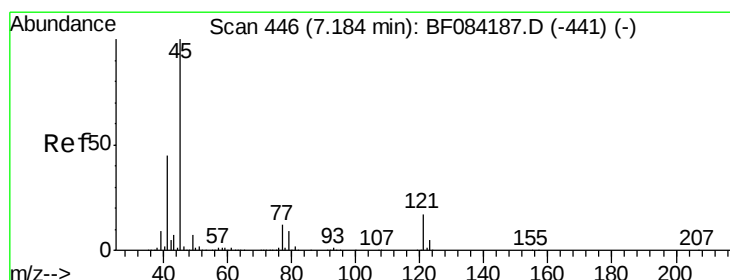
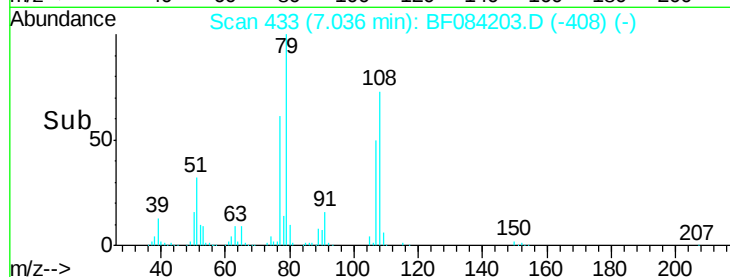
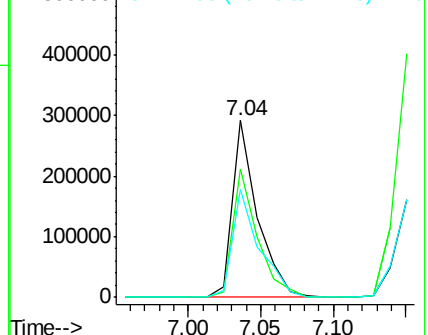
77 61.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.42 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

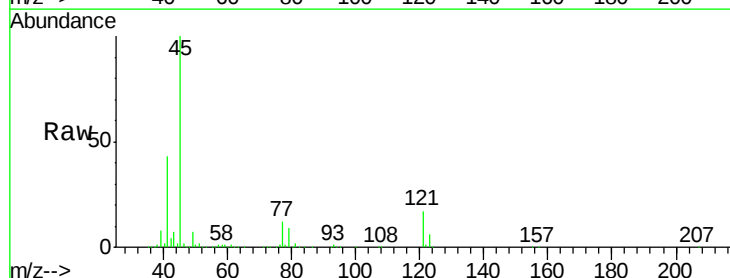
Tgt Ion: 45 Resp: 662214

Ion Ratio Lower Upper

45 100

77 11.8 0.0 39.6

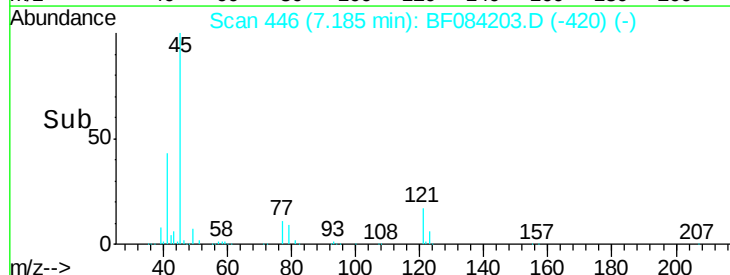
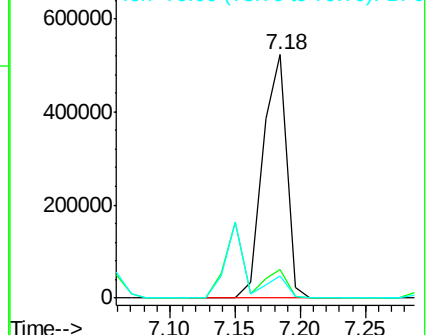
79 9.2 0.0 35.0

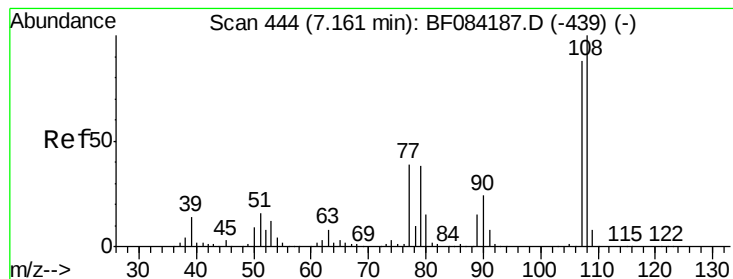


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 18.65 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:107 Resp: 316476

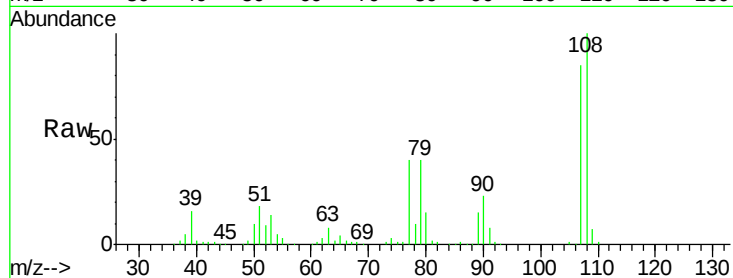
Ion Ratio Lower Upper

107 100

108 118.0 89.8 134.6

77 47.6 35.7 53.5

79 47.6 35.7 53.5

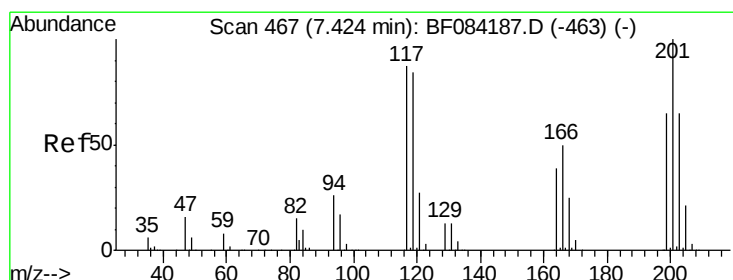
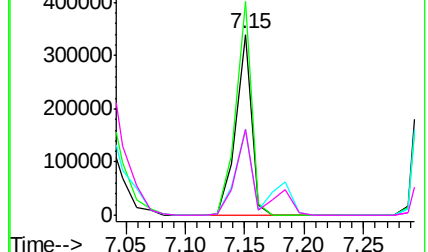
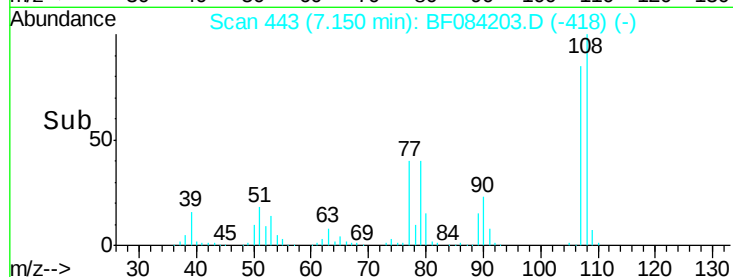


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 17.94 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

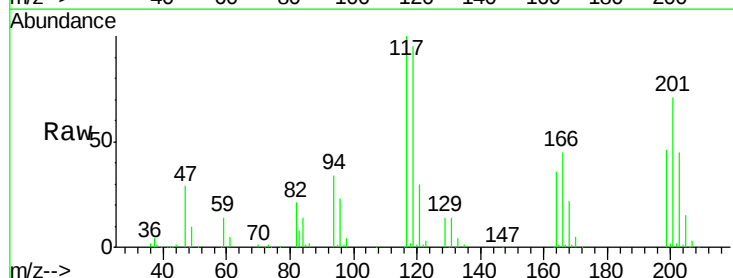
Tgt Ion:117 Resp: 150279

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

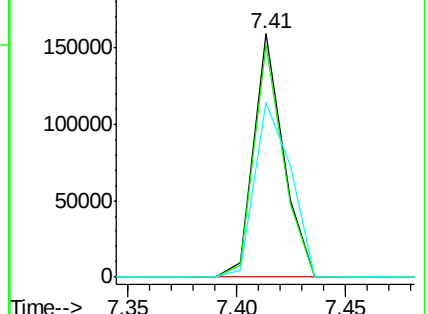
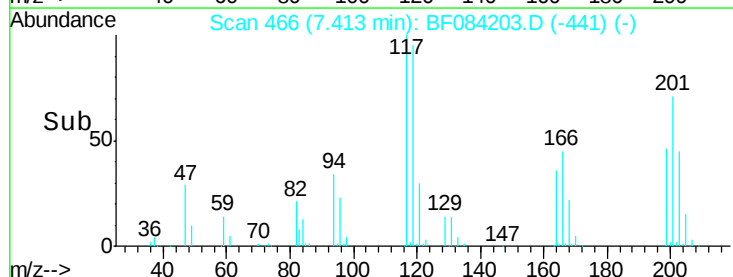
201 71.5 68.6 103.0

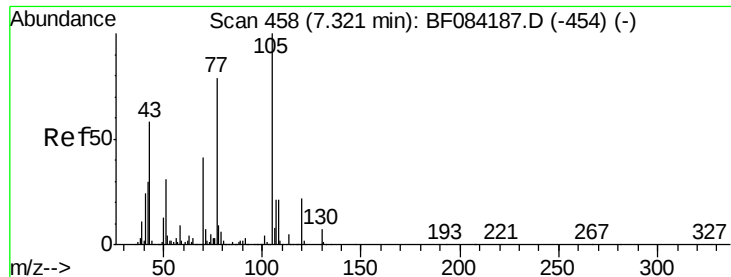


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.01 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion: 70 Resp: 258205

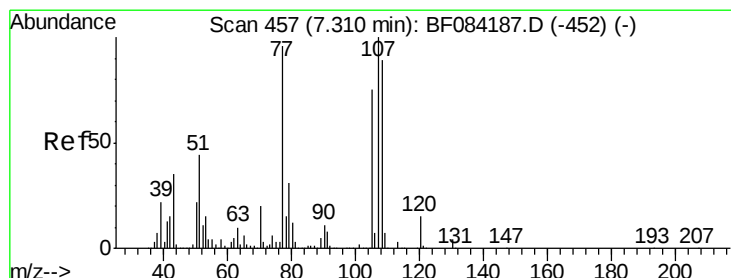
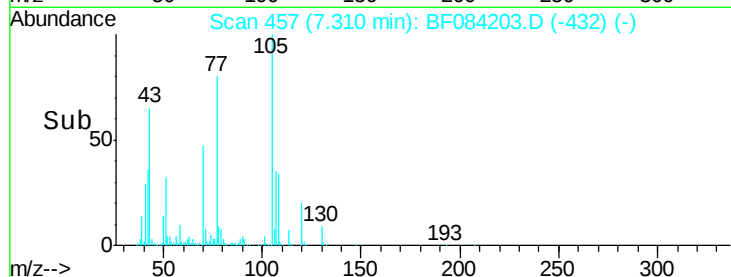
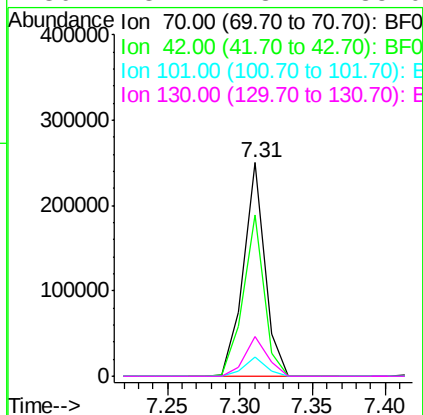
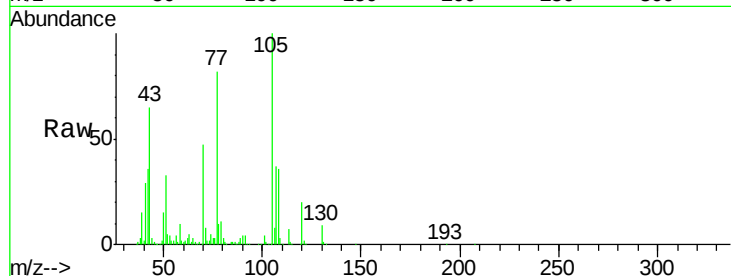
Ion Ratio Lower Upper

70 100

42 75.5 33.3 49.9#

101 9.0 9.3 13.9#

130 18.7 23.4 35.0#



#20

3+4-Methylphenols

Concen: 19.21 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Tgt Ion: 107 Resp: 383234

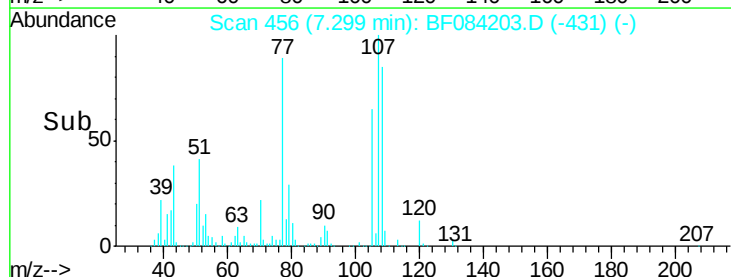
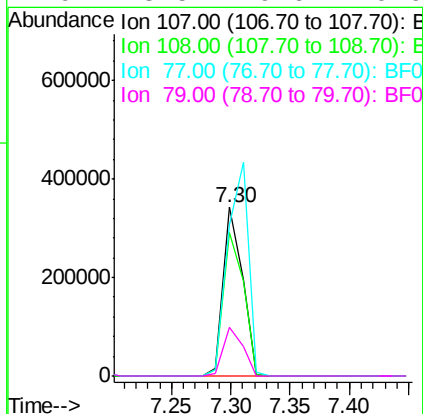
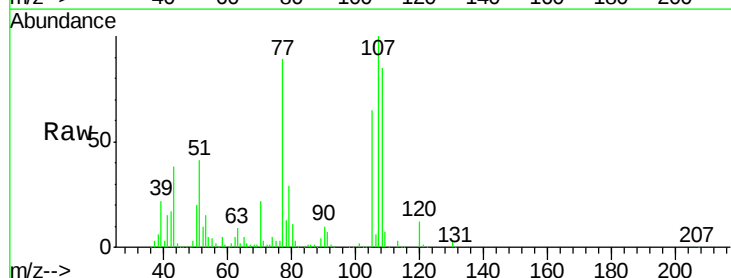
Ion Ratio Lower Upper

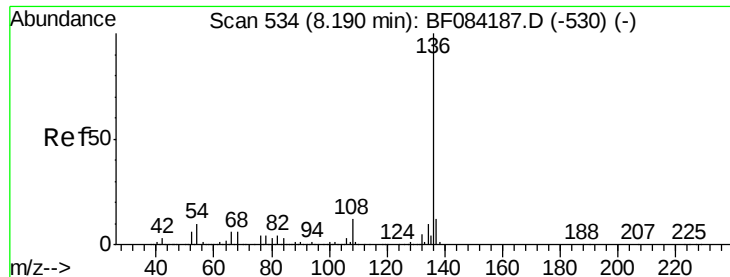
107 100

108 85.2 64.1 104.1

77 89.5 128.9 168.9#

79 28.5 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:136 Resp: 1213038

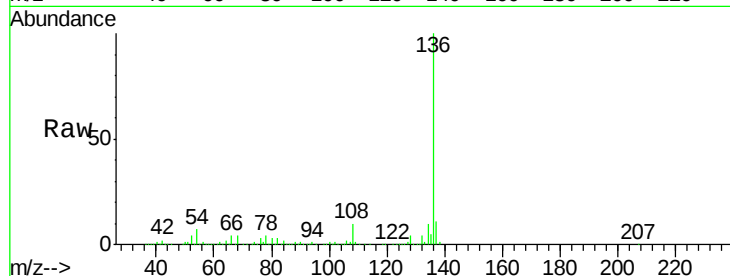
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.8 8.8

68 4.3 4.2 6.2

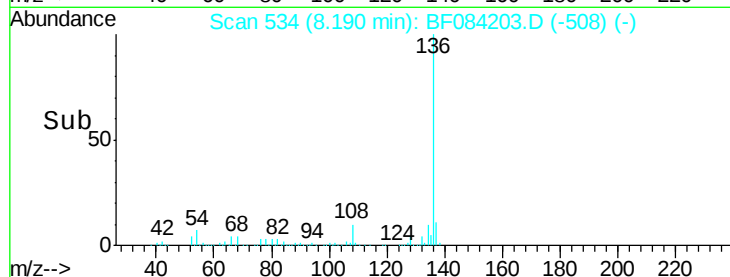


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time--> 8.10 8.15 8.20 8.25



#22

Acetophenone

Concen: 18.21 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Tgt Ion:105 Resp: 531046

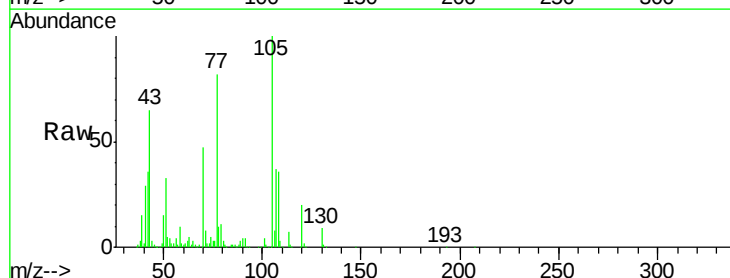
Ion Ratio Lower Upper

105 100

71 7.9 3.7 5.5#

51 32.9 25.1 37.7

120 20.0 16.6 25.0

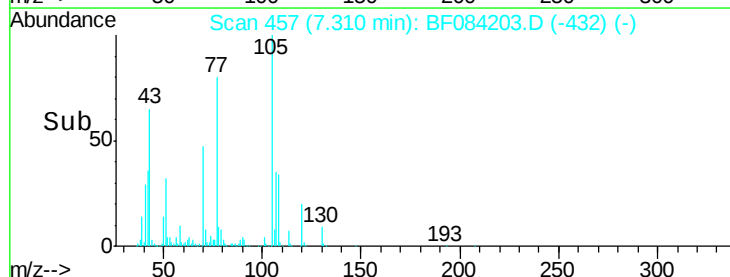


Abundance Ion 105.00 (104.70 to 105.70): E

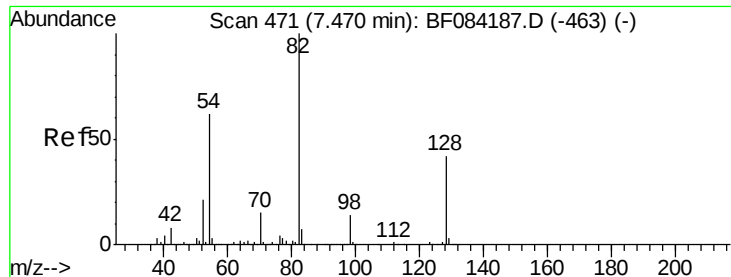
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



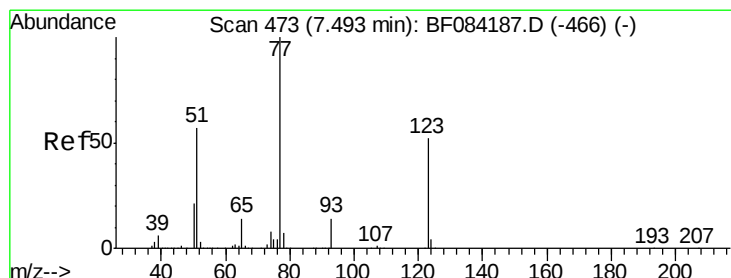
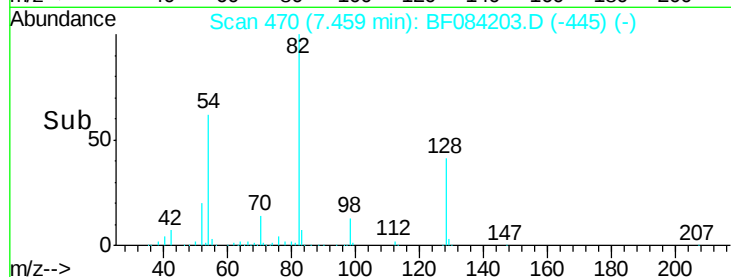
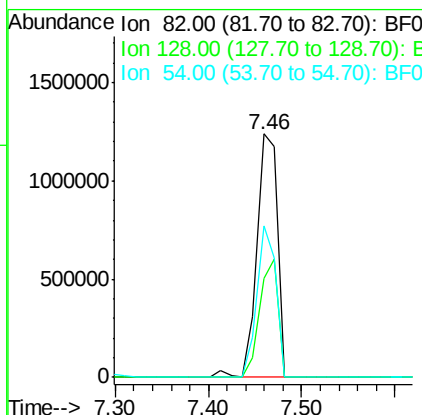
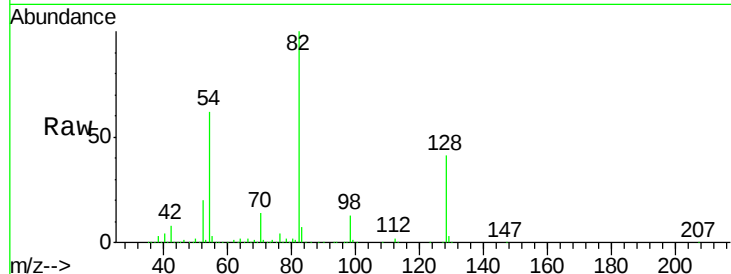
Time--> 7.25 7.30 7.35 7.40



#23
Nitrobenzene-d5
Concen: 87.10 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

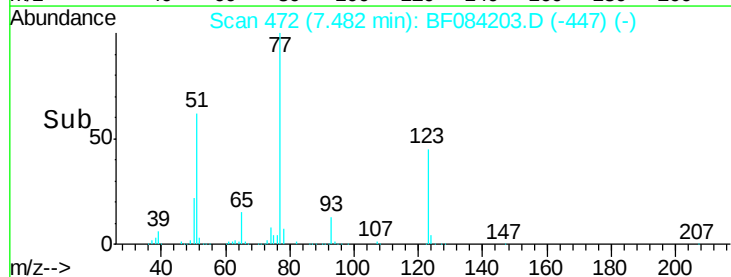
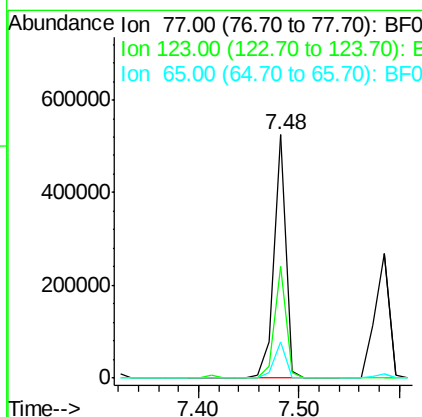
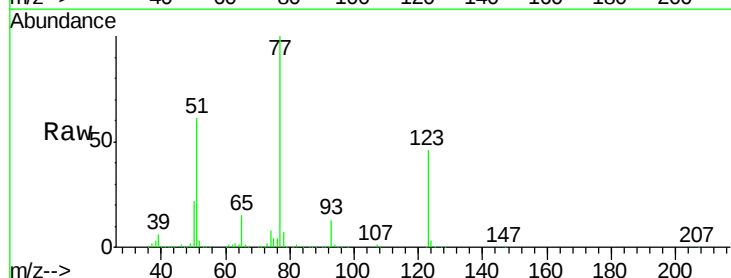
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

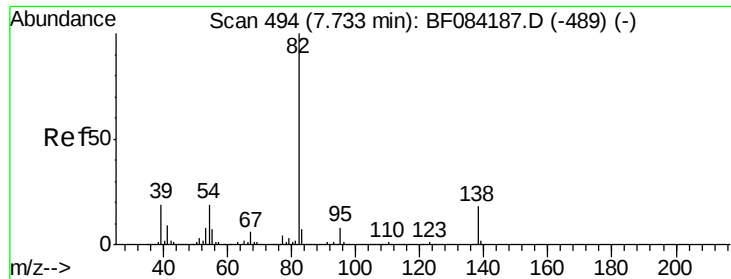
Tgt Ion: 82 Resp: 1898501
Ion Ratio Lower Upper
82 100
128 40.6 34.6 51.8
54 62.3 38.4 57.6#



#24
Nitrobenzene
Concen: 19.42 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion: 77 Resp: 429331
Ion Ratio Lower Upper
77 100
123 45.7 37.4 56.2
65 15.1 10.9 16.3





#25

Isophorone

Concen: 18.13 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

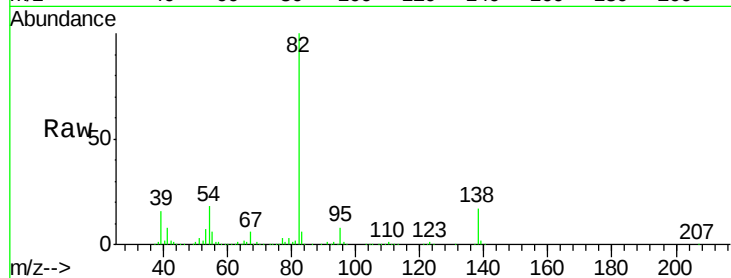
Tgt Ion: 82 Resp: 755956

Ion Ratio Lower Upper

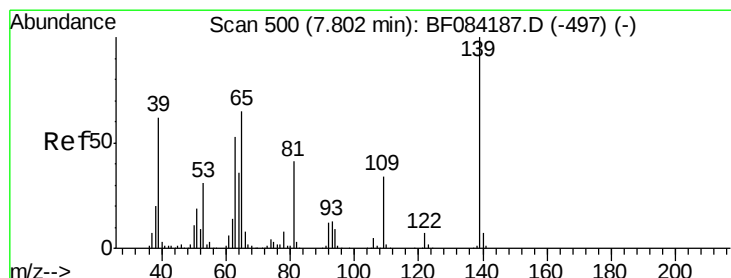
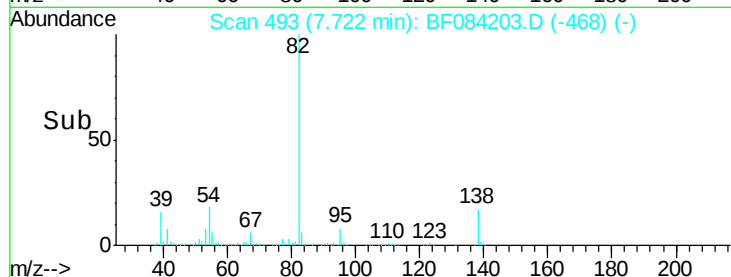
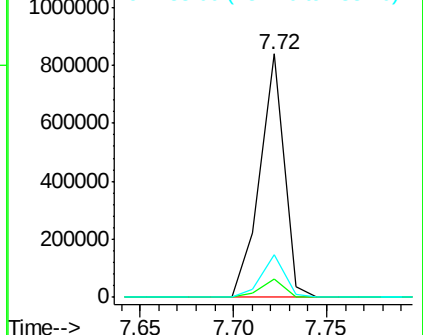
82 100

95 7.6 6.6 10.0

138 17.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 18.34 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

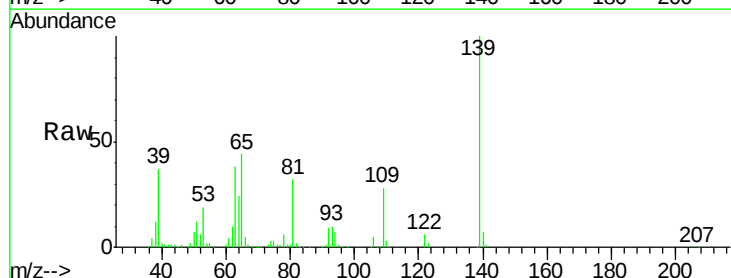
Tgt Ion: 139 Resp: 184540

Ion Ratio Lower Upper

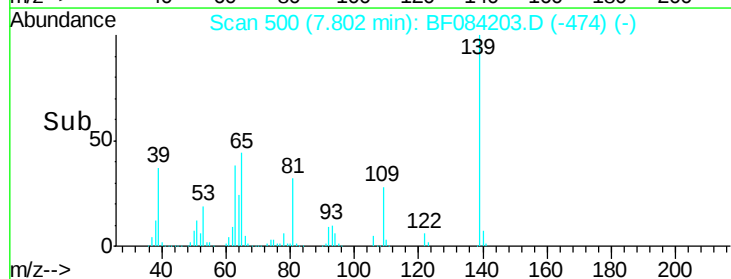
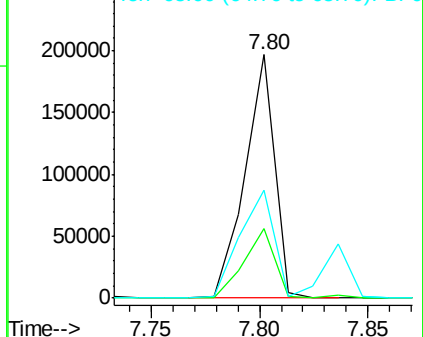
139 100

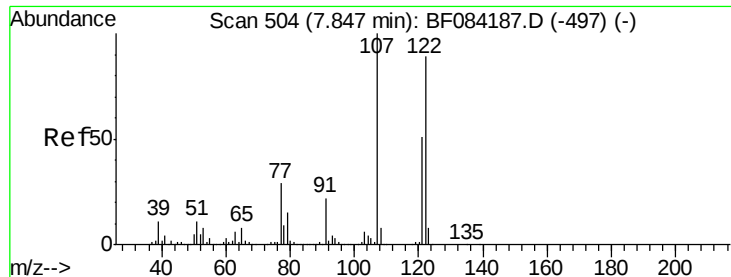
109 28.3 25.4 38.2

65 44.3 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: 17.94 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

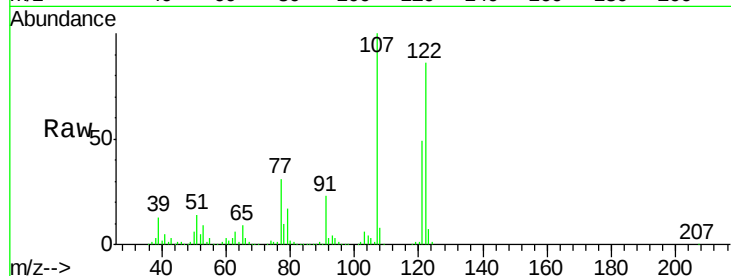
Tgt Ion:122 Resp: 365377

Ion Ratio Lower Upper

122 100

107 116.1 99.1 148.7

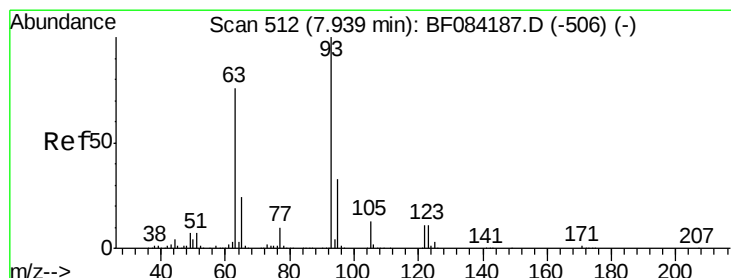
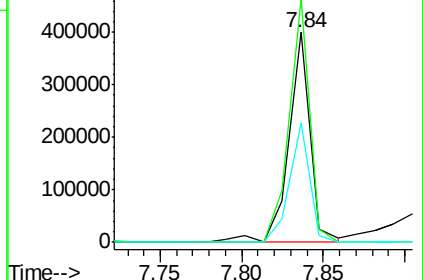
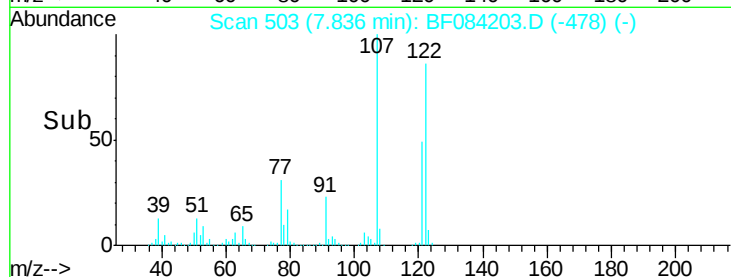
121 57.2 47.9 71.9



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: 18.64 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

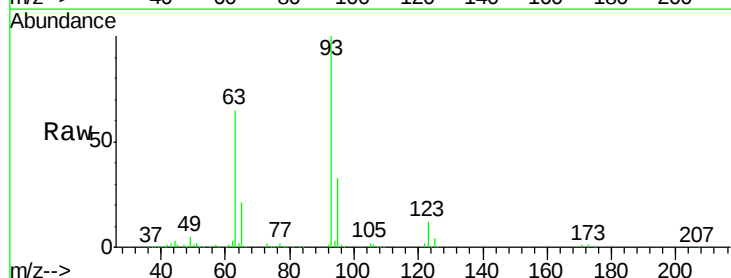
Tgt Ion: 93 Resp: 474732

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

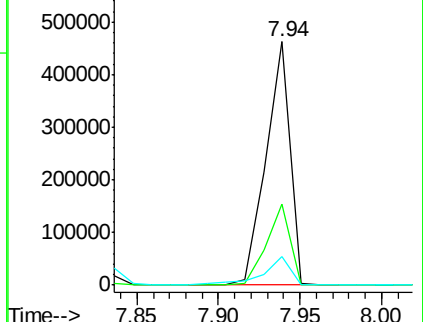
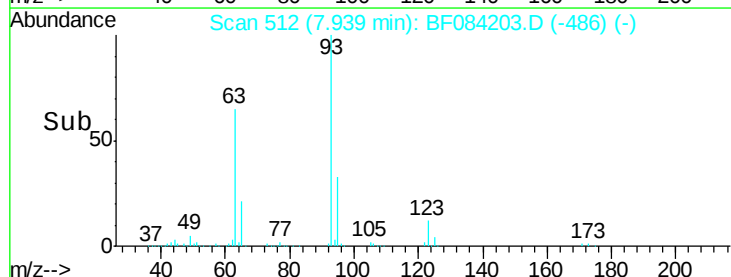
123 11.8 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 18.25 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

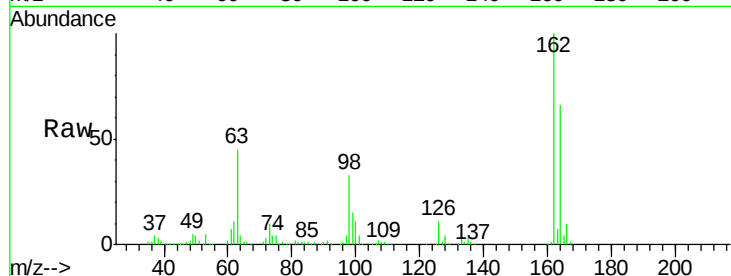
Tgt Ion:162 Resp: 309541

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

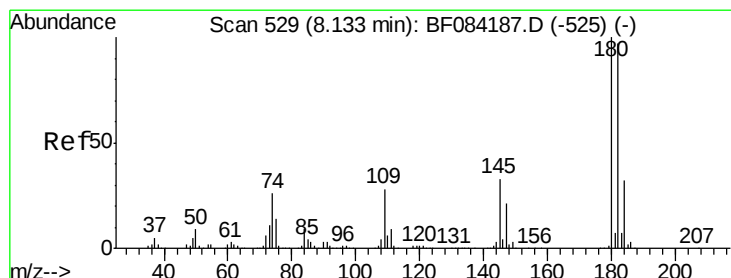
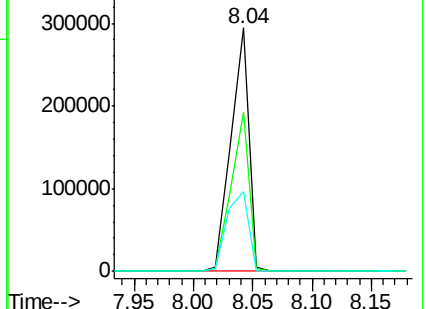
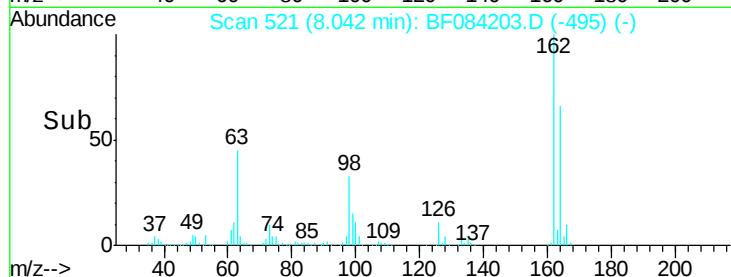
98 32.8 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 18.18 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

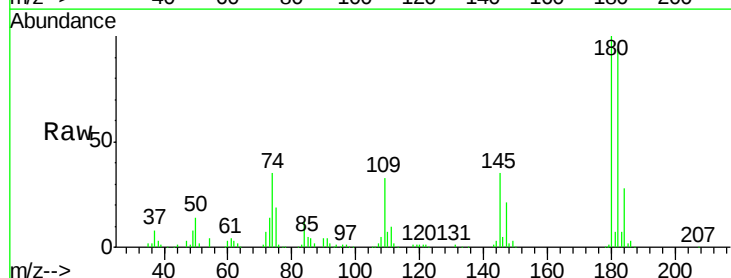
Tgt Ion:180 Resp: 318333

Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

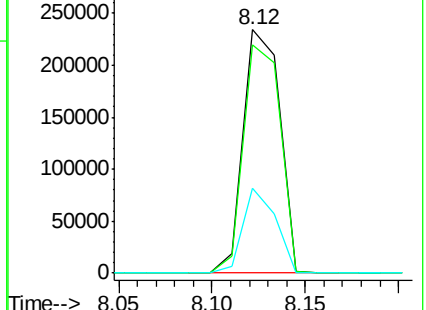
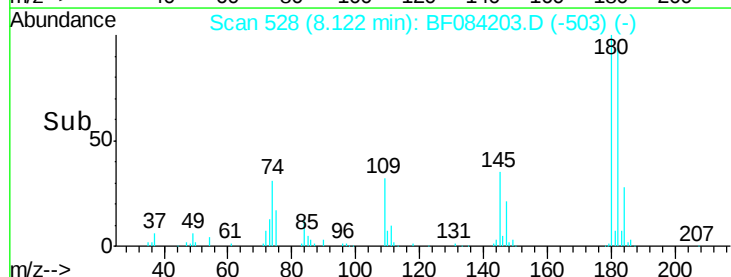
145 35.0 31.6 47.4

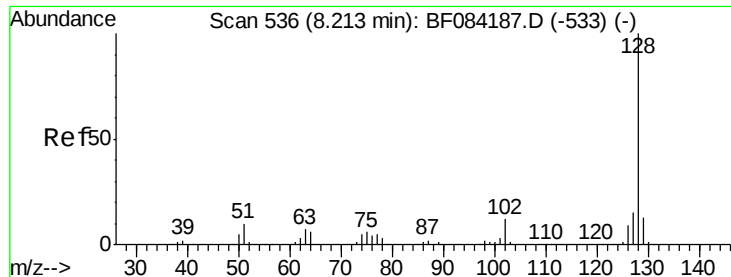


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

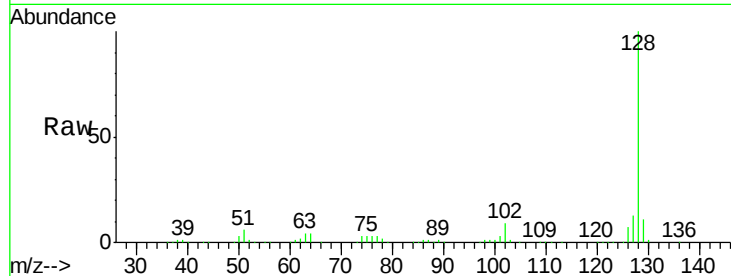




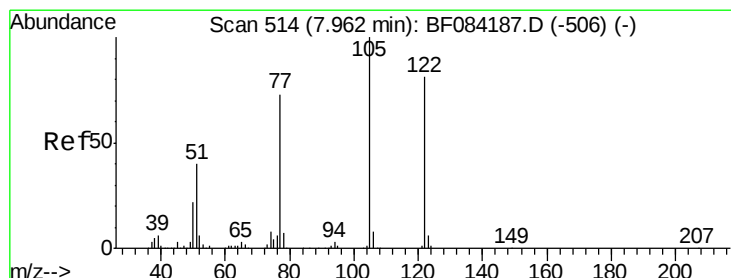
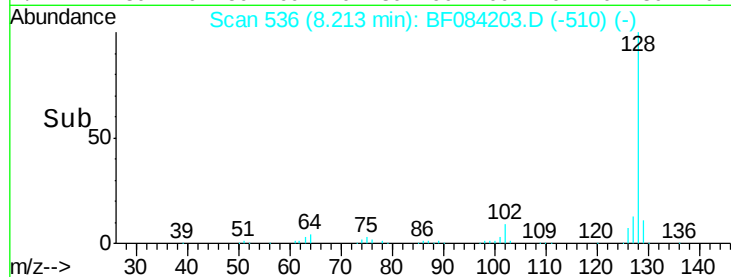
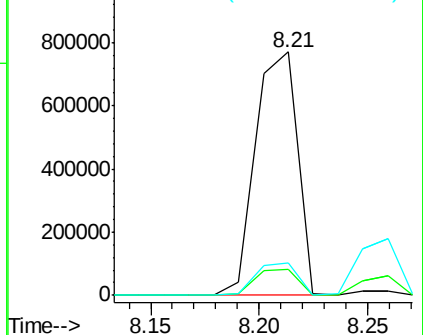
#31
Naphthalene
Concen: 18.97 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:128 Resp: 1043919
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 11.1 16.7

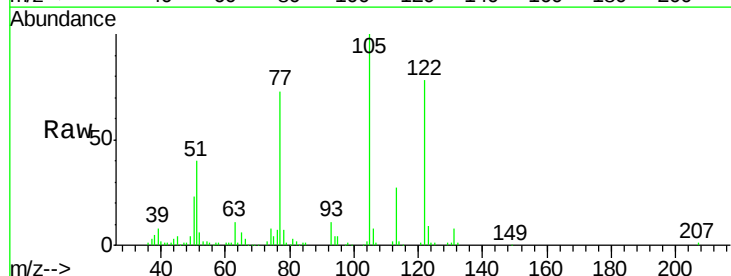


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

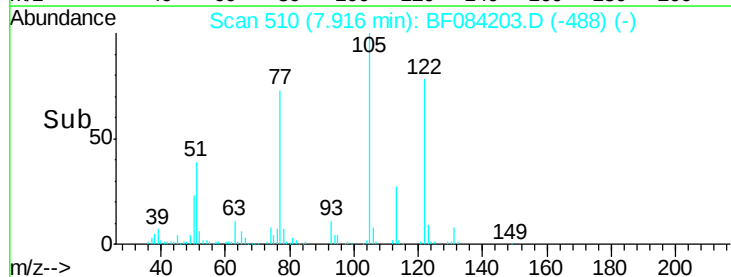
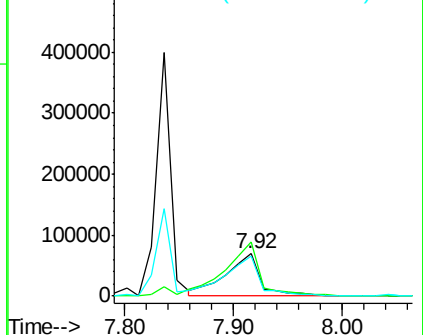


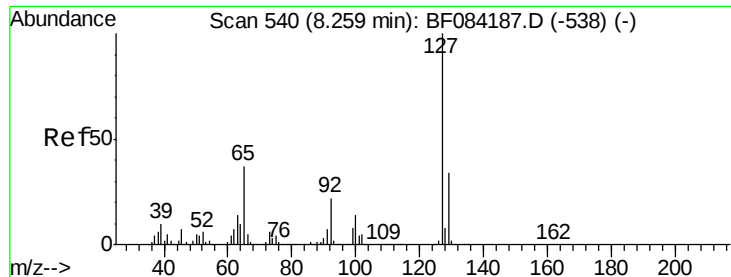
#32
Benzoic acid
Concen: 16.30 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion:122 Resp: 151420
Ion Ratio Lower Upper
122 100
105 127.5 100.3 140.3
77 93.1 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

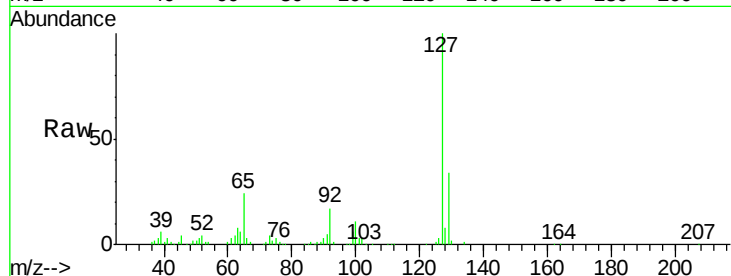




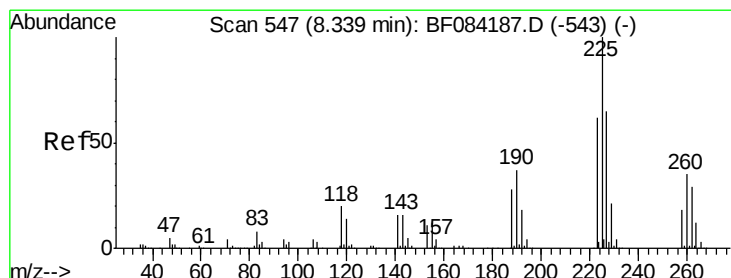
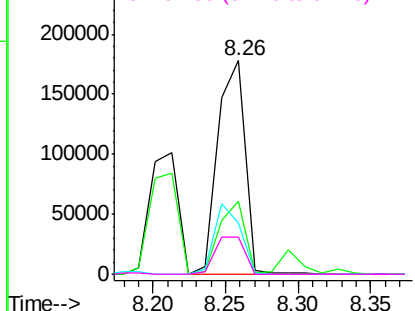
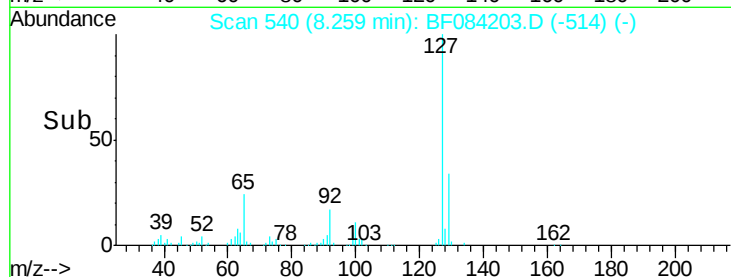
#33
4-Chloroaniline
Concen: 9.18 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:127 Resp: 231733
Ion Ratio Lower Upper
127 100
129 34.0 26.5 39.7
65 23.7 27.2 40.8#
92 17.1 17.7 26.5#

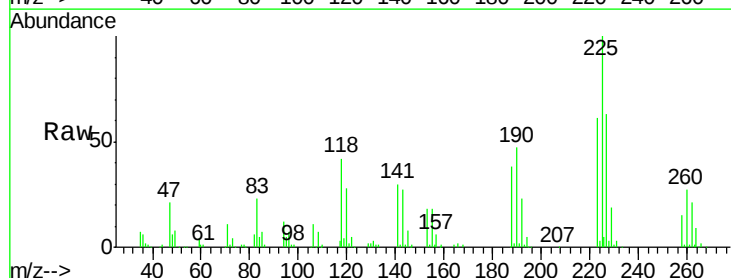


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

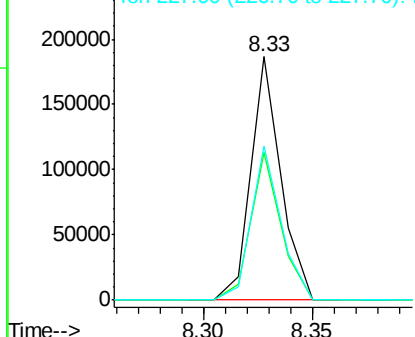
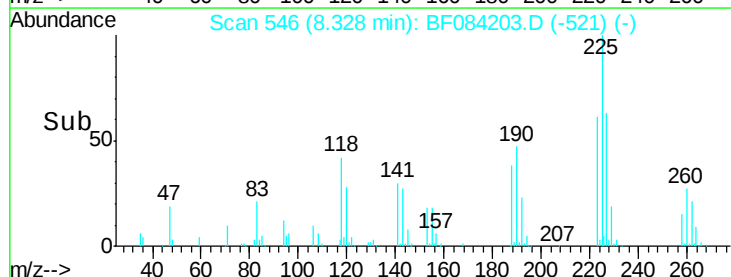


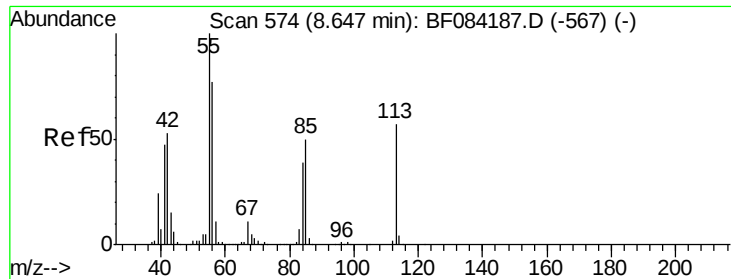
#34
Hexachlorobutadiene
Concen: 17.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion:225 Resp: 178257
Ion Ratio Lower Upper
225 100
223 60.8 49.4 74.0
227 63.1 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

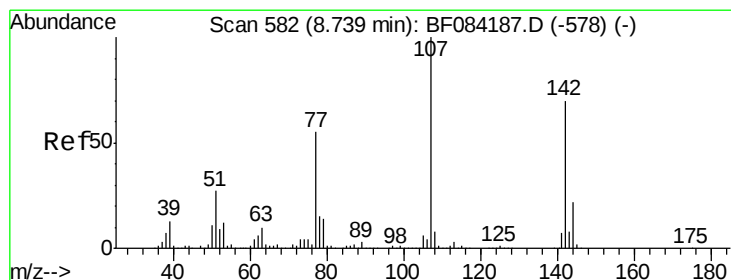
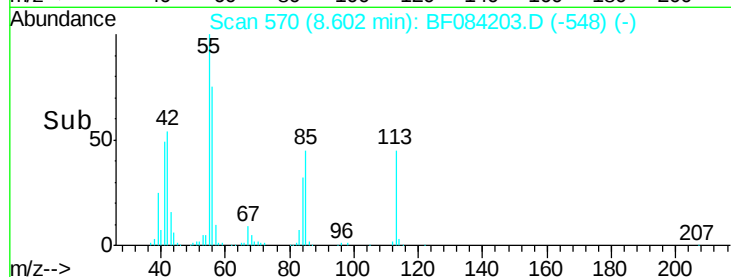
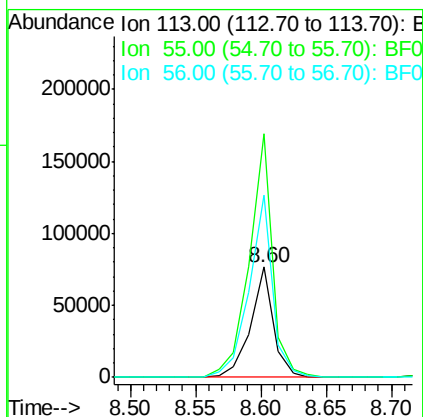
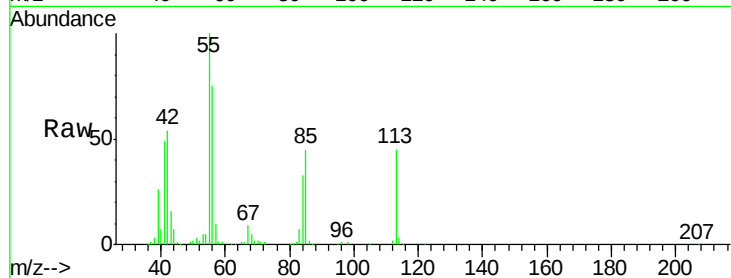




#35
 Caprolactam
 Concen: 16.39 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

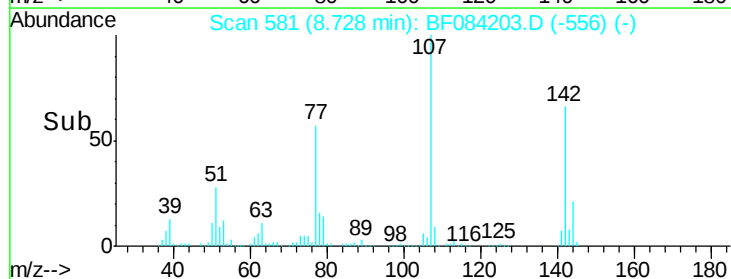
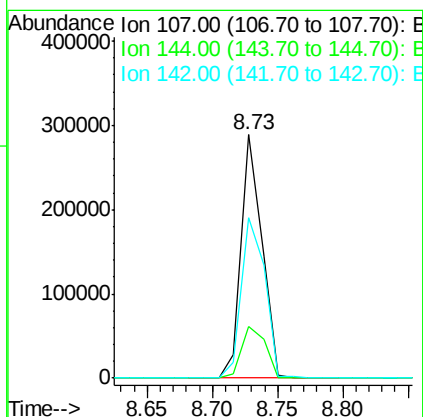
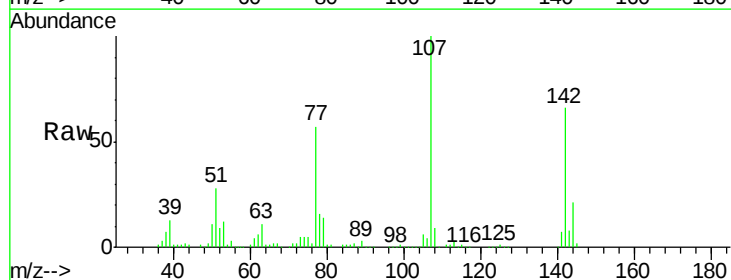
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

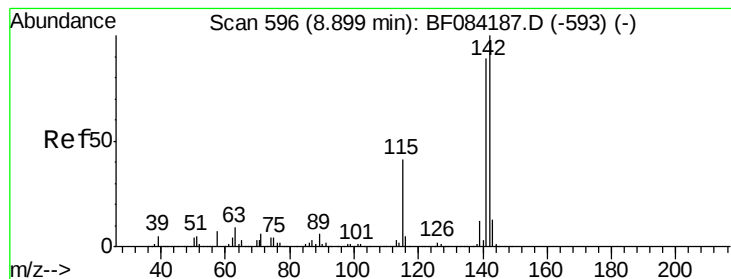
Tgt Ion:113 Resp: 93741
 Ion Ratio Lower Upper
 113 100
 55 221.0 116.9 156.9#
 56 165.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 16.88 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:107 Resp: 320826
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.7 29.5
 142 65.9 61.8 92.6





#37

2-Methylnaphthalene

Concen: 18.17 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

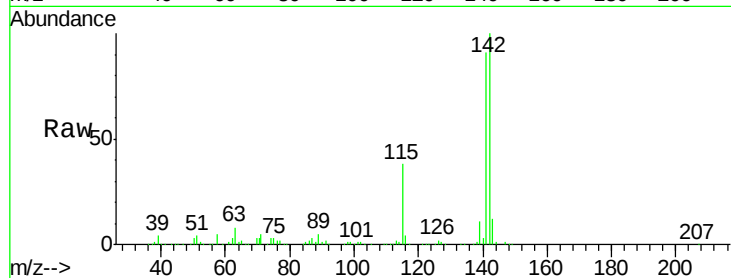
Tgt Ion:142 Resp: 717765

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6

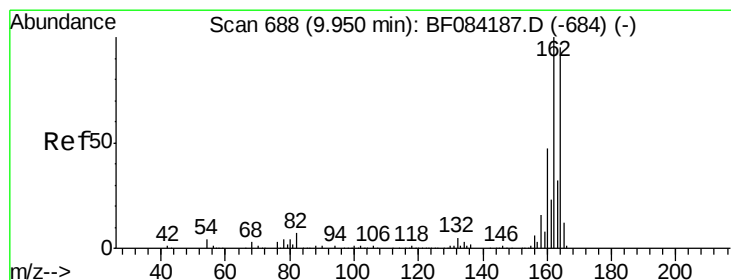
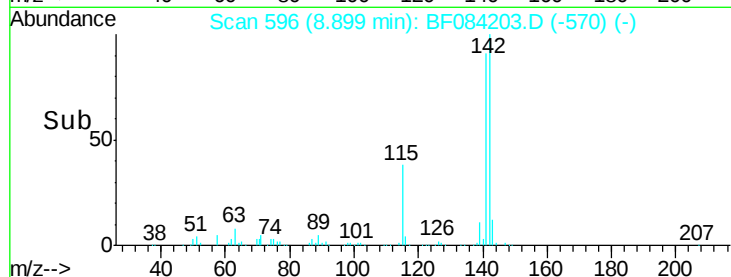
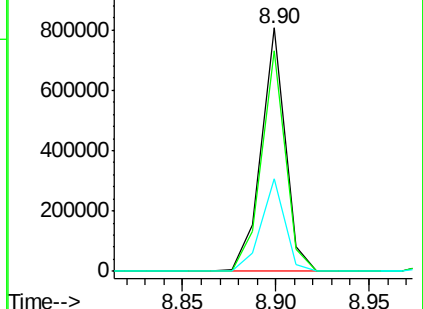
115 38.0 27.9 41.9



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: BF084203.D

Acq: 31 Dec 2015 19:08

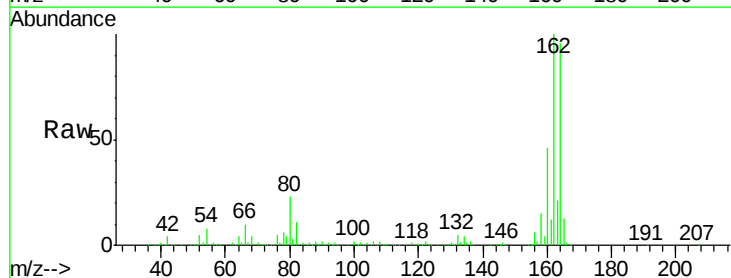
Tgt Ion:164 Resp: 546855

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

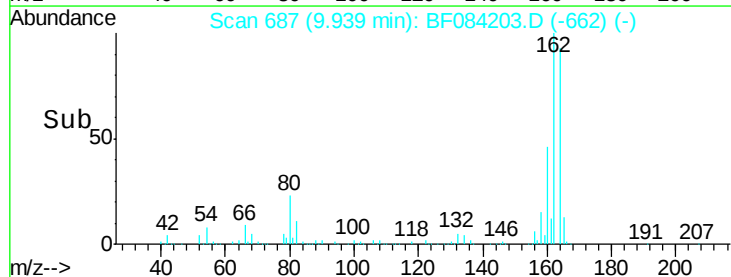
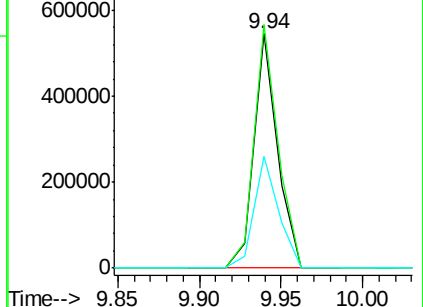
160 47.8 37.5 56.3

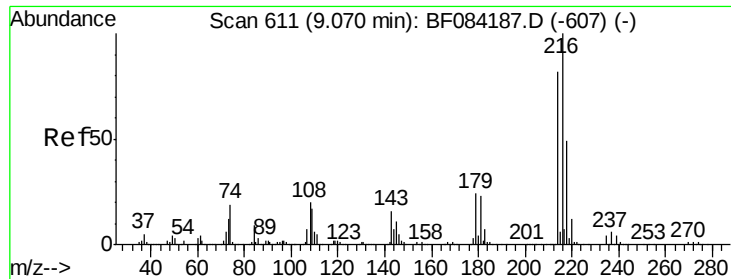


Abundance Ion 164.00 (163.70 to 164.70): E

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: 18.26 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:216 Resp: 287102

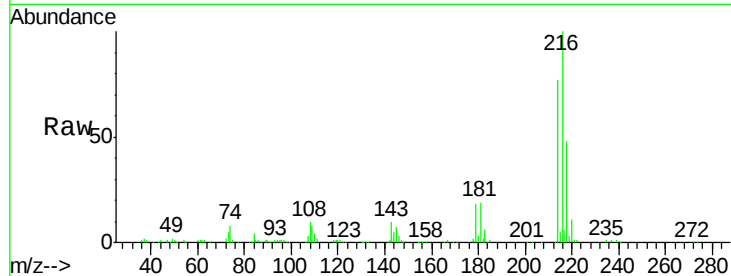
Ion Ratio Lower Upper

216 100

214 77.4 64.2 96.2

179 22.4 18.7 28.1

108 21.2 16.8 25.2

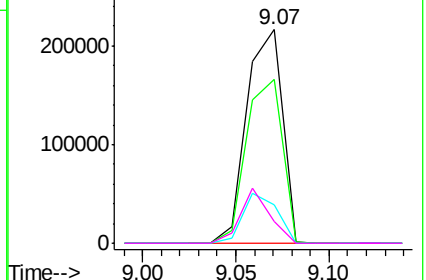
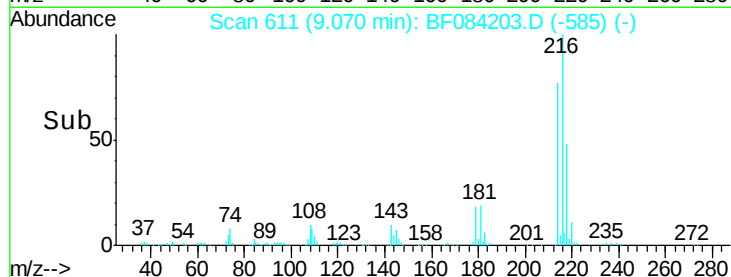


Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.56 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

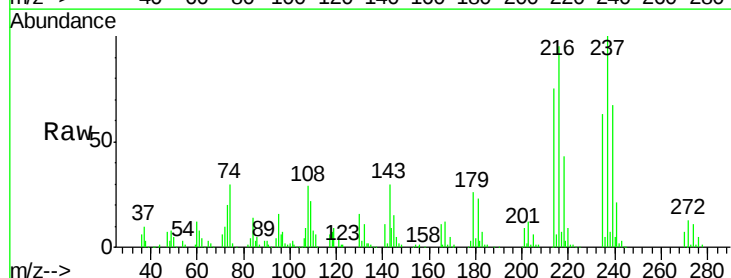
Tgt Ion:237 Resp: 185594

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

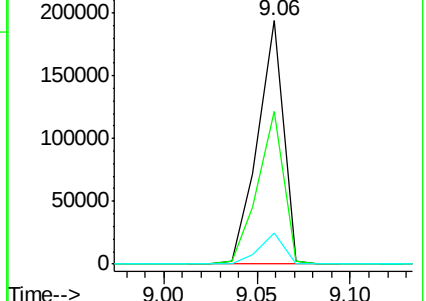
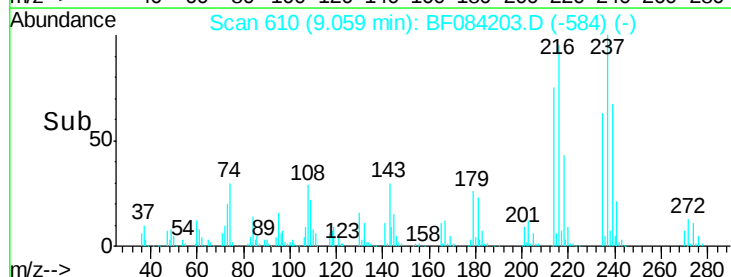
272 12.7 0.0 35.1

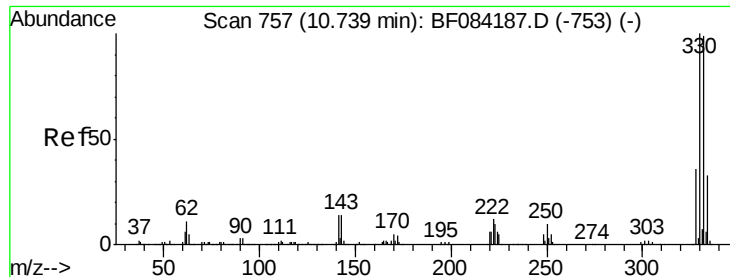


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

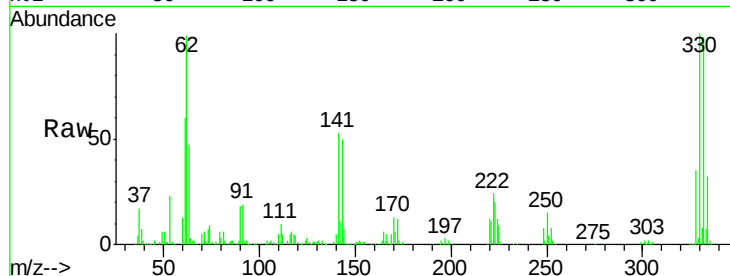




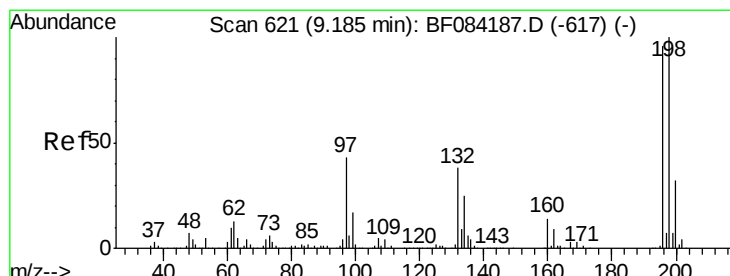
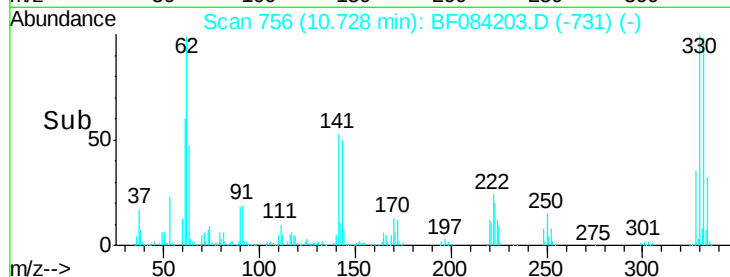
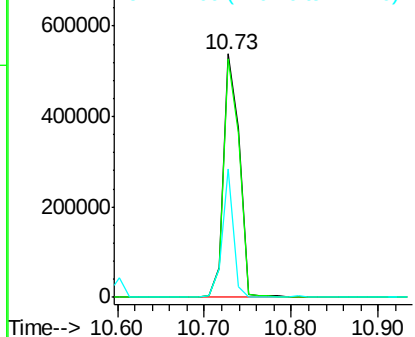
#41
 2,4,6-Tribromophenol
 Concen: 125.09 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:330 Resp: 690606
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 37.8 27.8 41.6

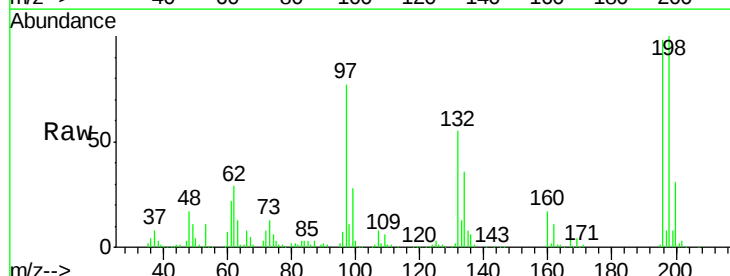


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

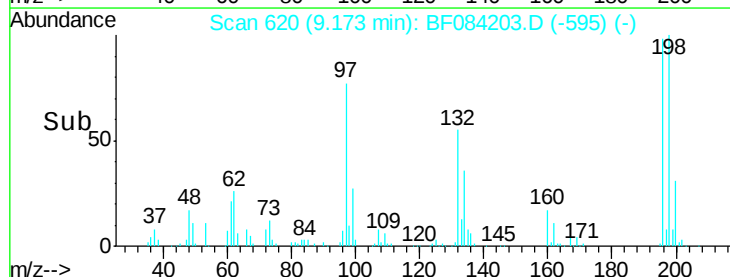
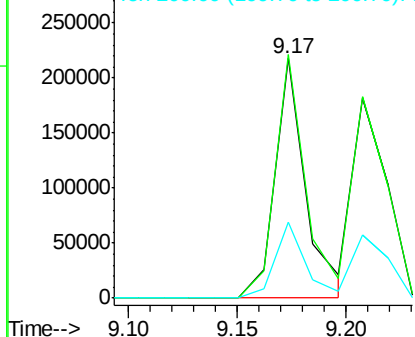


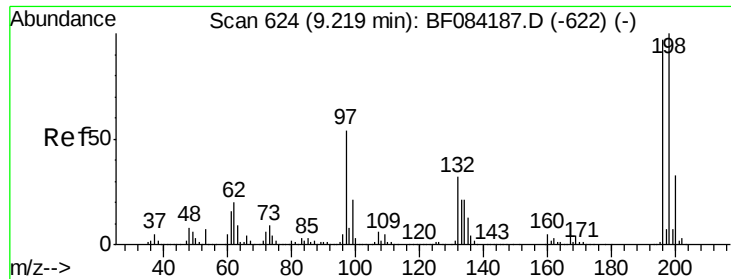
#42
 2,4,6-Trichlorophenol
 Concen: 18.31 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:196 Resp: 215345
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.7 116.5
 200 31.8 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

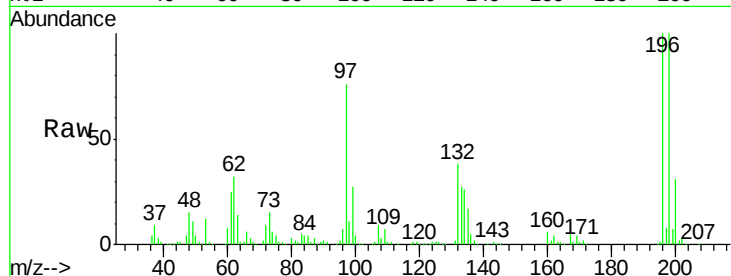




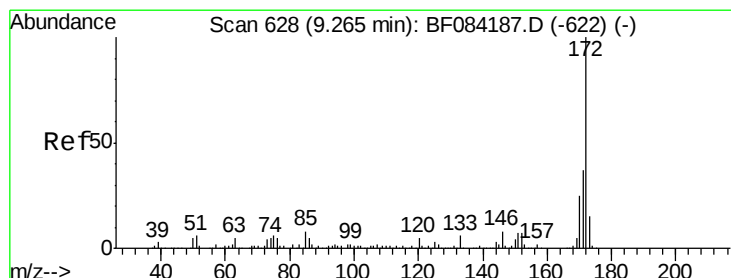
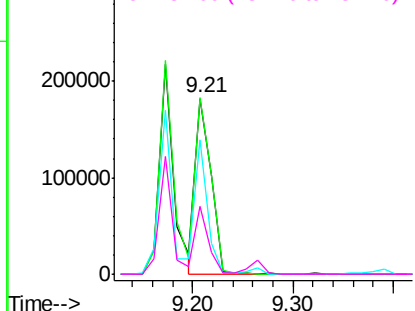
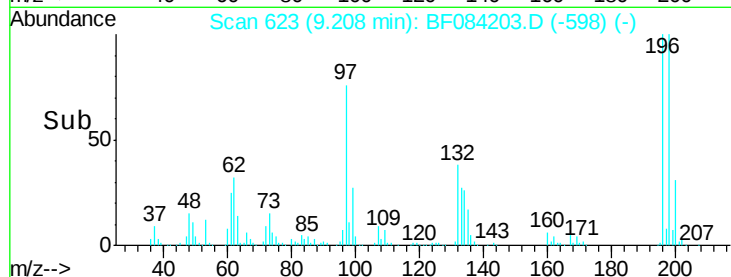
#43
 2,4,5-Trichlorophenol
 Concen: 17.90 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 201860
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.0 118.6
 97 76.6 33.0 49.6#
 132 38.3 21.1 31.7#

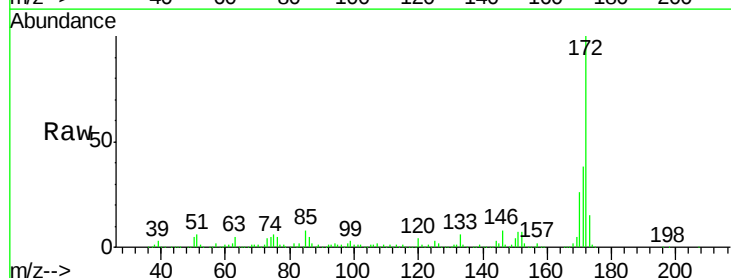


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

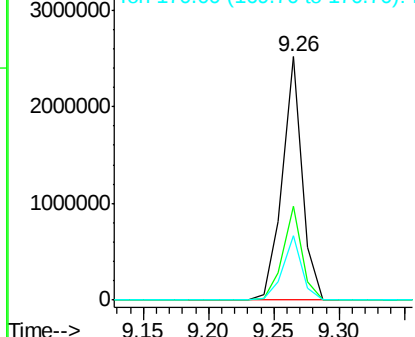
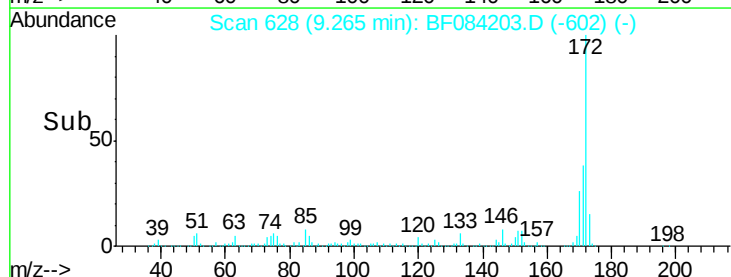


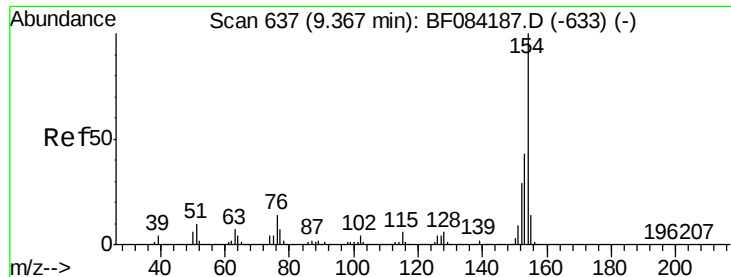
#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:172 Resp: 2694421
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.9 43.3
 170 26.3 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

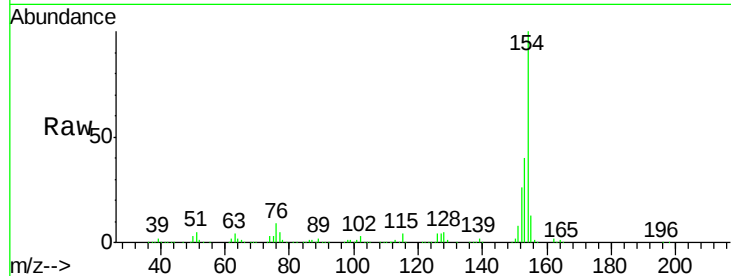




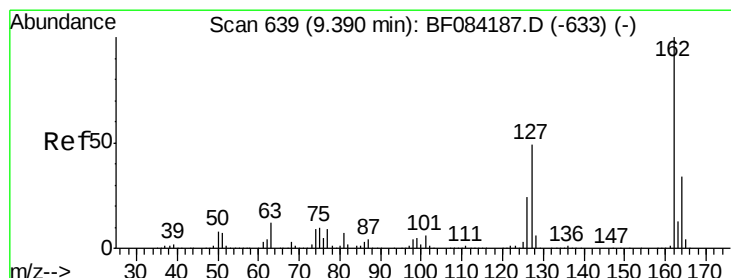
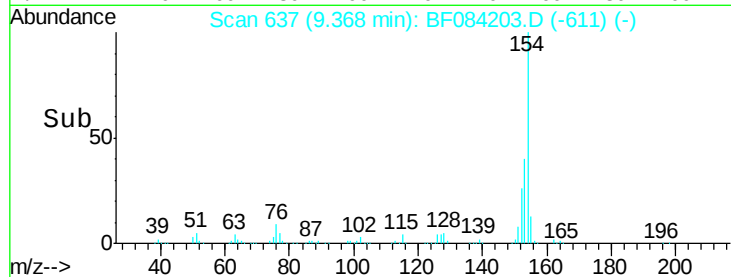
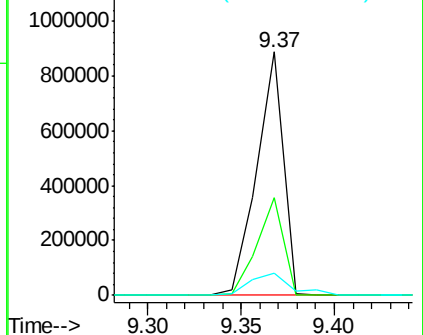
#45
 1,1'-Biphenyl
 Concen: 20.05 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:154 Resp: 871371
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.6 61.6
 76 9.1 0.0 32.7

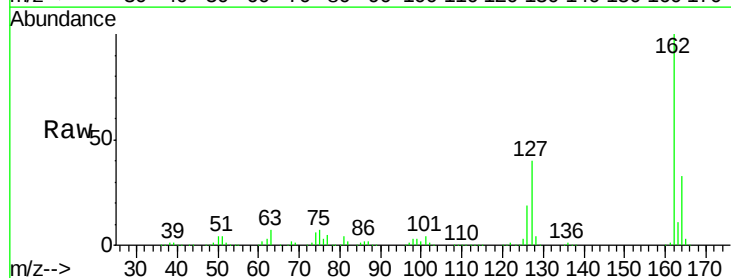


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

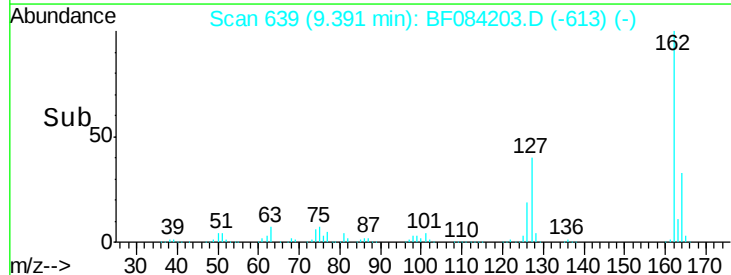
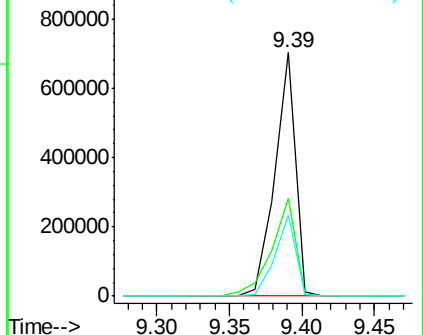


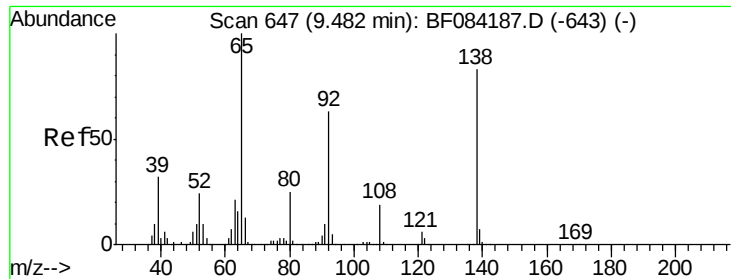
#46
 2-Chloronaphthalene
 Concen: 20.16 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:162 Resp: 688315
 Ion Ratio Lower Upper
 162 100
 127 40.2 40.2 60.4#
 164 33.5 25.7 38.5



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





#47

2-Nitroaniline

Concen: 19.40 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

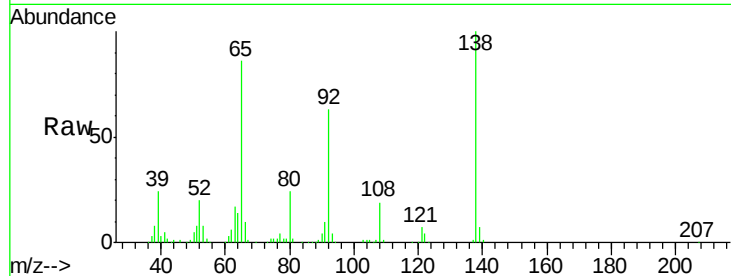
Tgt Ion: 65 Resp: 218608

Ion Ratio Lower Upper

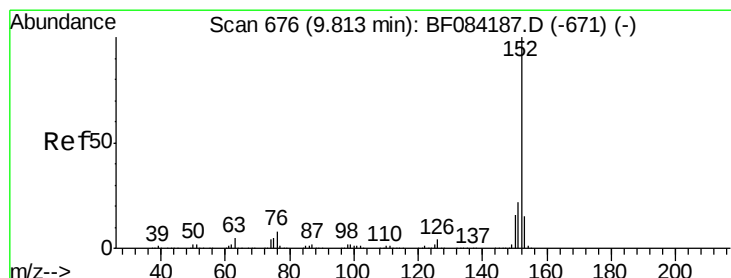
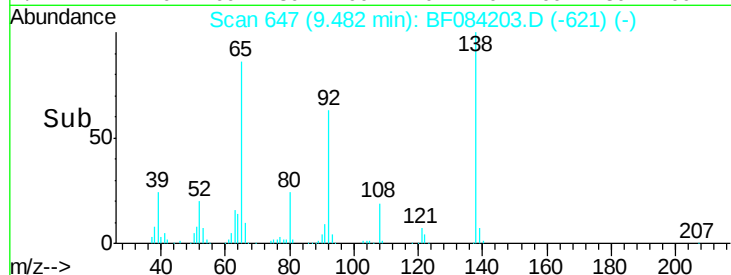
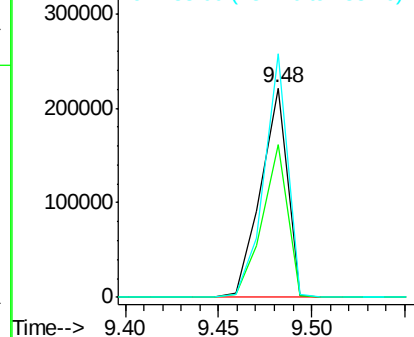
65 100

92 72.9 53.4 80.2

138 116.1 71.1 106.7#



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



#48

Acenaphthylene

Concen: 20.59 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

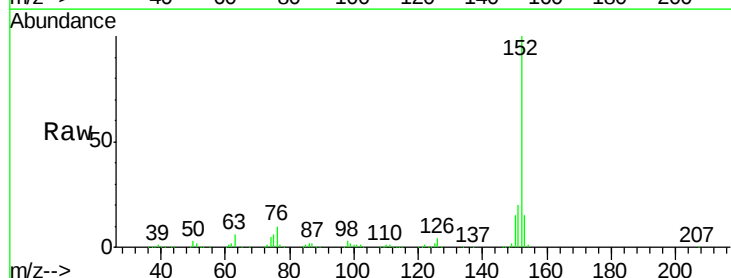
Tgt Ion: 152 Resp: 1038244

Ion Ratio Lower Upper

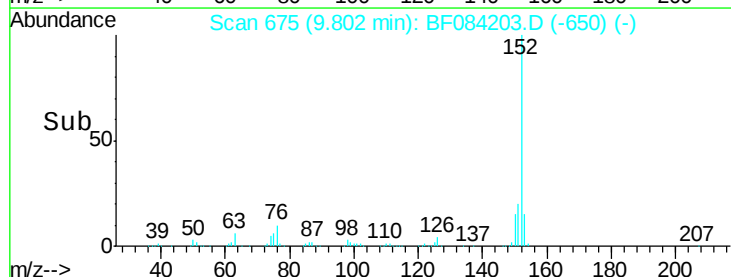
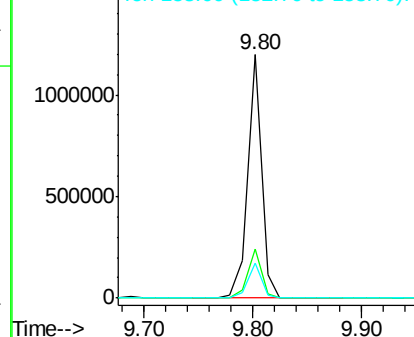
152 100

151 20.4 16.3 24.5

153 14.6 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: 20.83 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

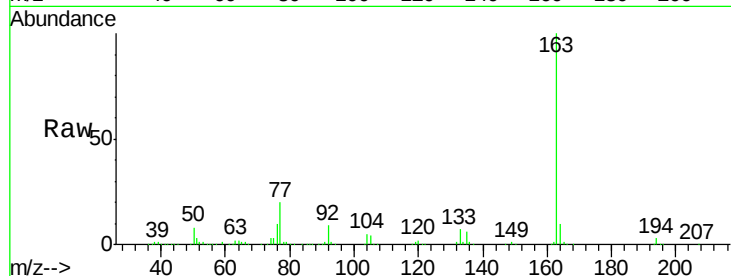
Tgt Ion:163 Resp: 814337

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

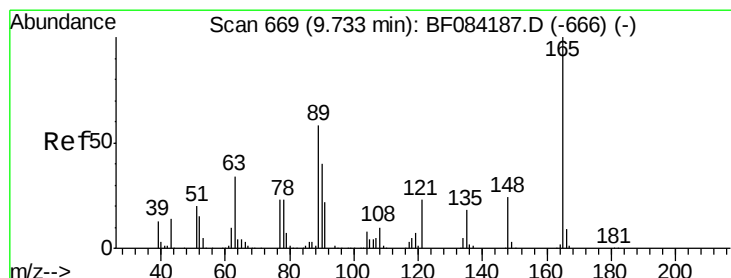
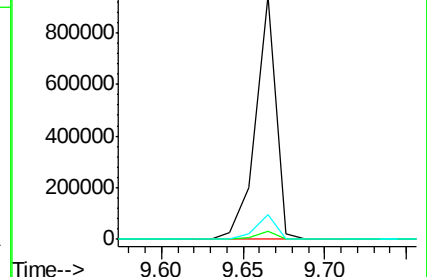
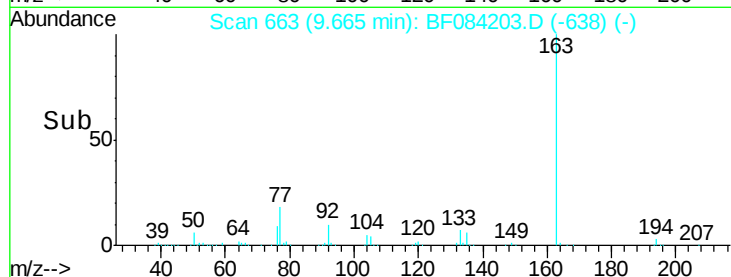
164 10.3 8.0 12.0



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: 19.78 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

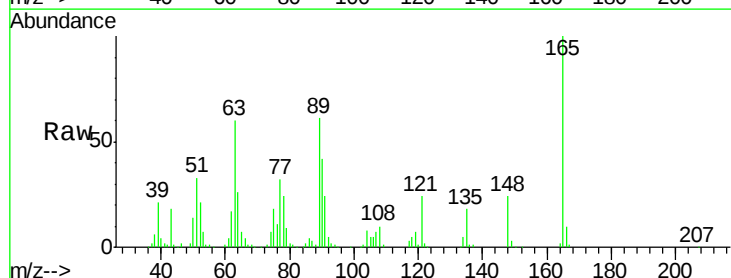
Tgt Ion:165 Resp: 169626

Ion Ratio Lower Upper

165 100

63 60.4 28.8 43.2#

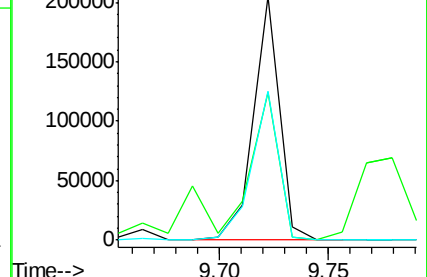
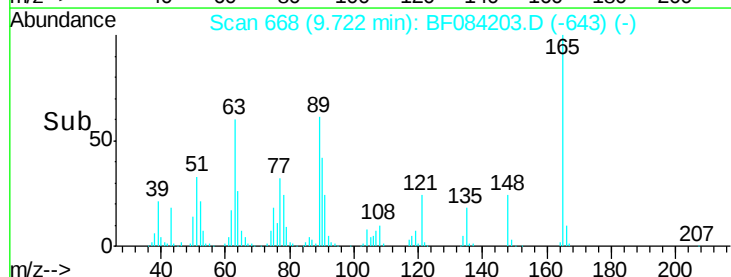
89 61.1 35.1 52.7#

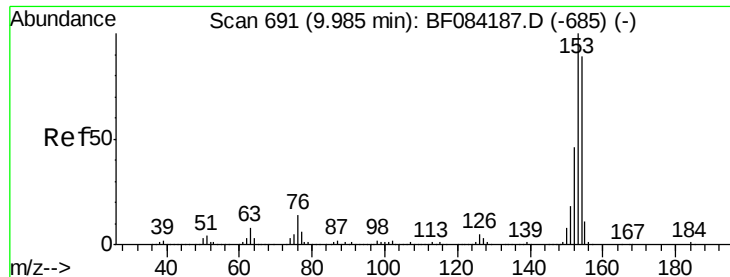


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 19.43 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

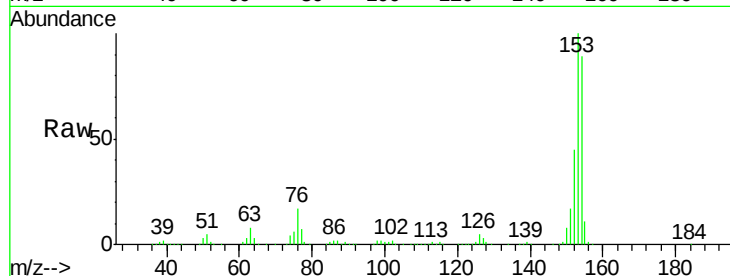
Tgt Ion:154 Resp: 657260

Ion Ratio Lower Upper

154 100

153 112.2 91.5 137.3

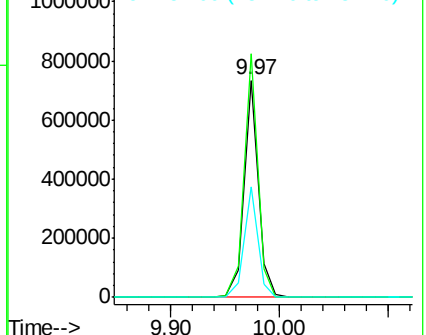
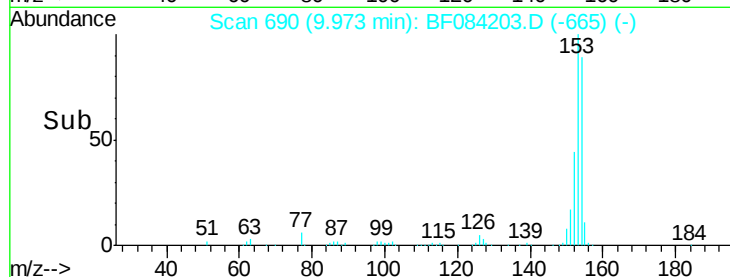
152 50.7 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.77 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

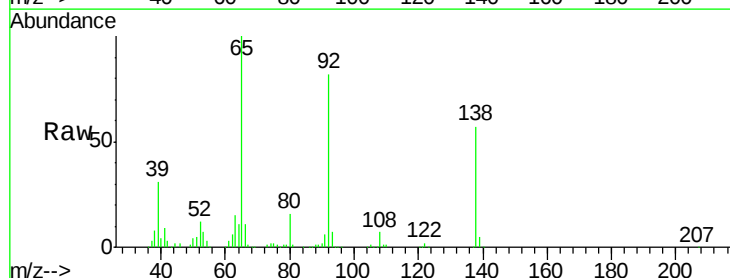
Tgt Ion:138 Resp: 125087

Ion Ratio Lower Upper

138 100

108 12.7 10.5 15.7

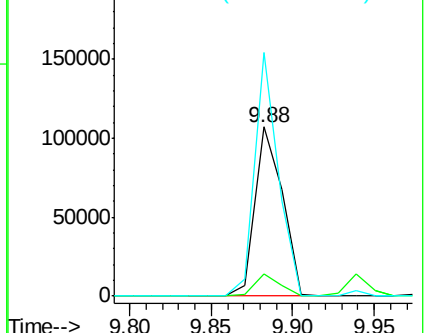
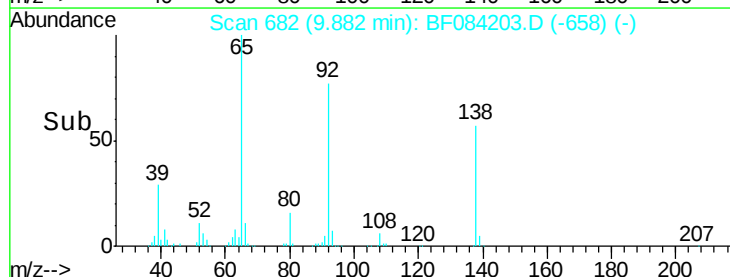
92 144.0 103.9 155.9

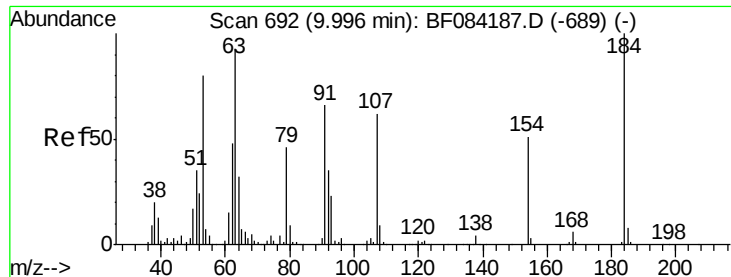


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

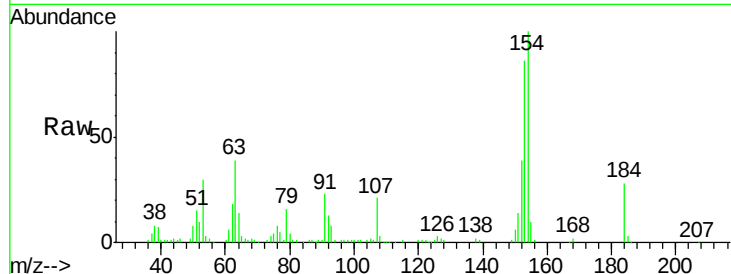




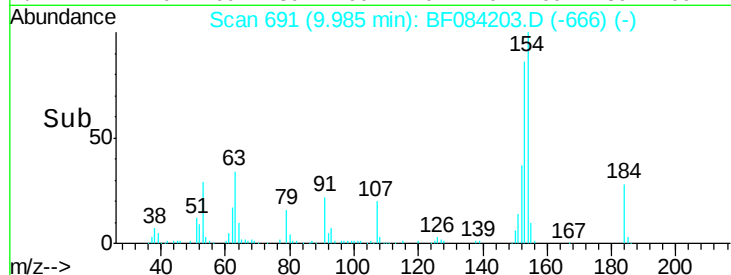
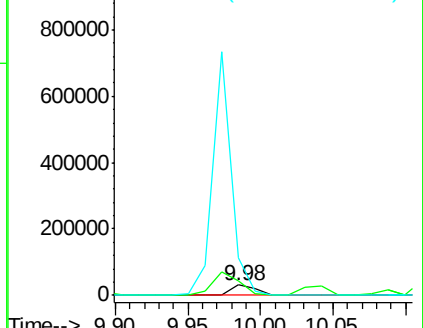
#53
2,4-Dinitrophenol
Concen: 13.25 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:184 Resp: 37036
Ion Ratio Lower Upper
184 100
63 141.7 43.1 64.7#
154 360.2 60.5 90.7#

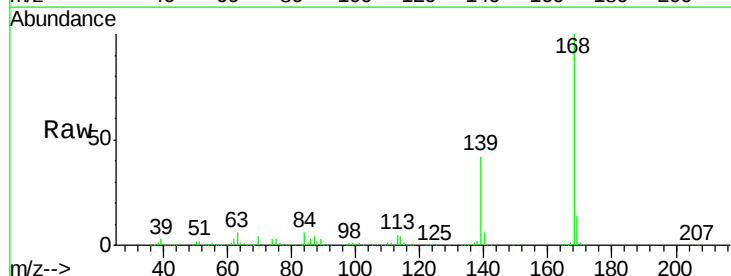


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

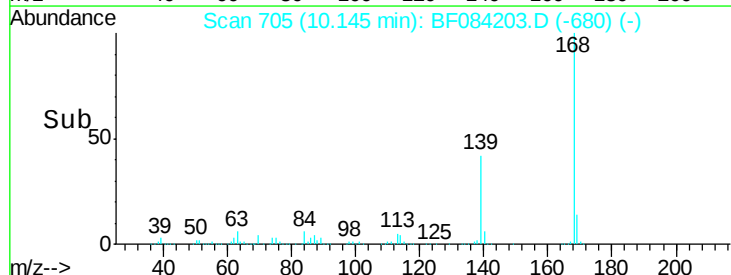
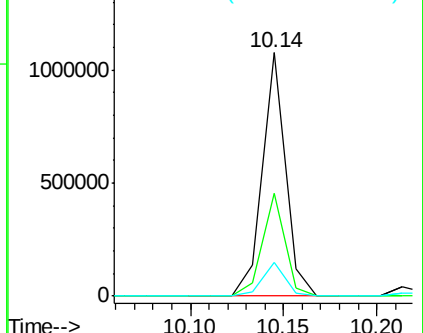


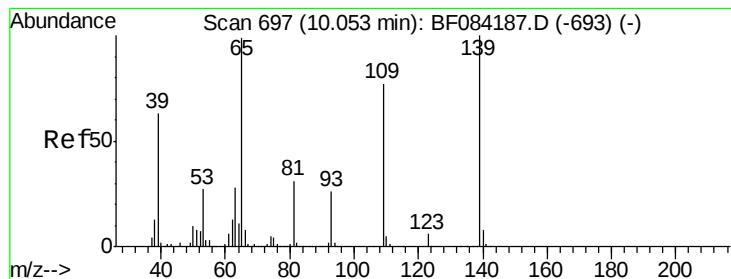
#54
Dibenzofuran
Concen: 19.28 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion:168 Resp: 918985
Ion Ratio Lower Upper
168 100
139 42.1 30.5 45.7
169 13.9 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: 17.97 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

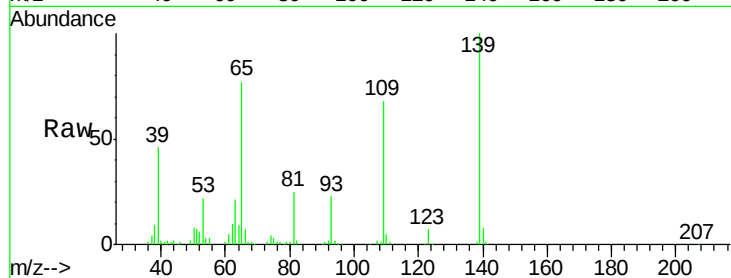
Tgt Ion:139 Resp: 138594

Ion Ratio Lower Upper

139 100

109 67.7 58.5 98.5

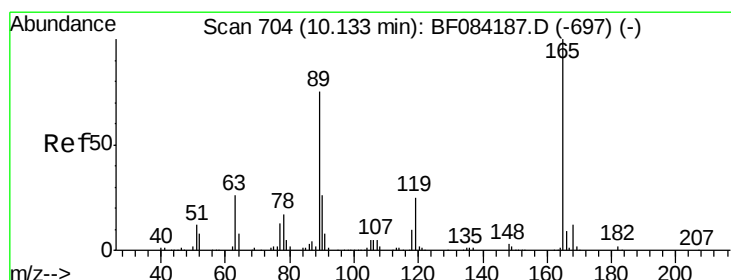
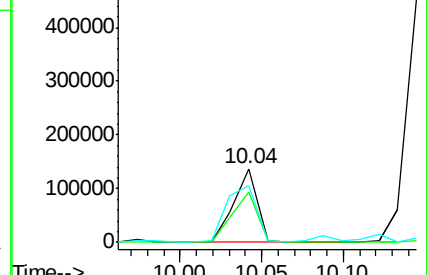
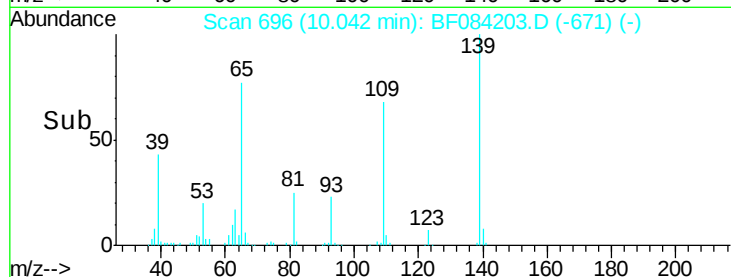
65 77.3 57.6 97.6



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: 21.61 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Tgt Ion:165 Resp: 234514

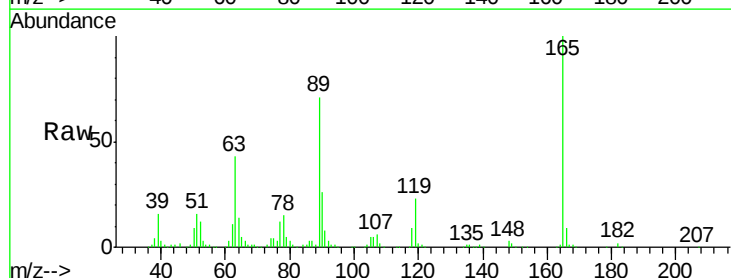
Ion Ratio Lower Upper

165 100

63 43.2 36.7 55.1

89 71.1 61.9 92.9

182 2.3 2.0 3.0

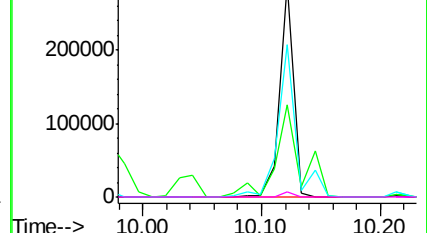
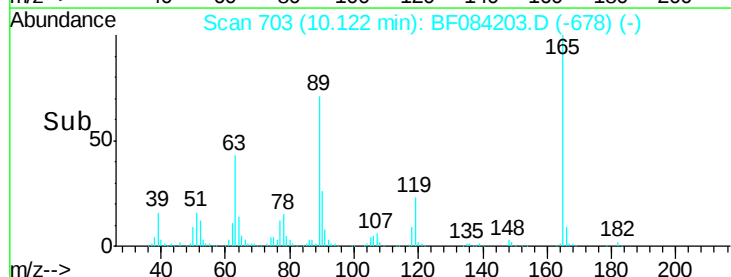


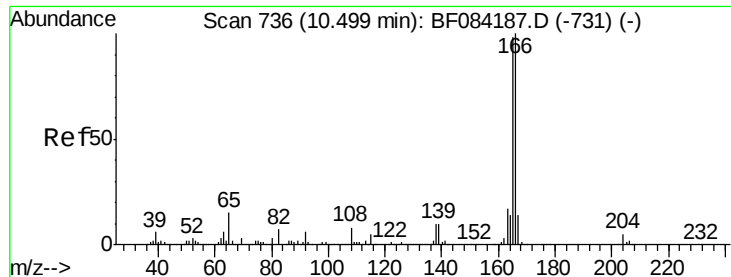
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 19.46 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

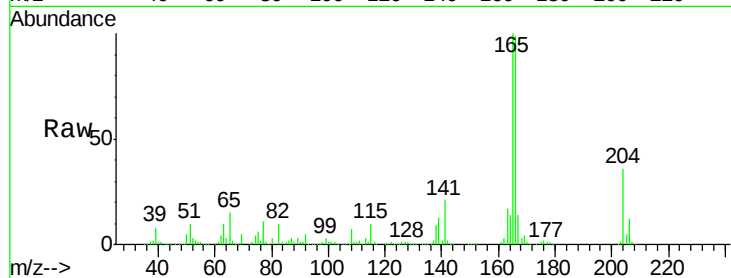
Tgt Ion:166 Resp: 705203

Ion Ratio Lower Upper

166 100

165 101.0 79.1 118.7

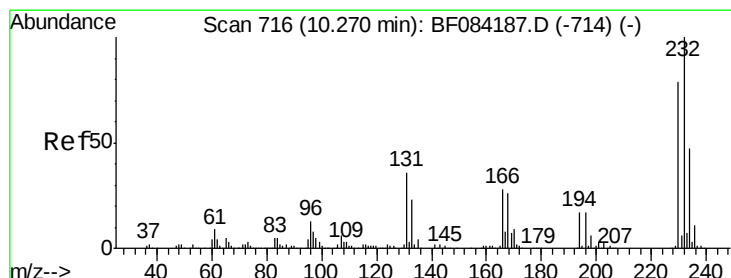
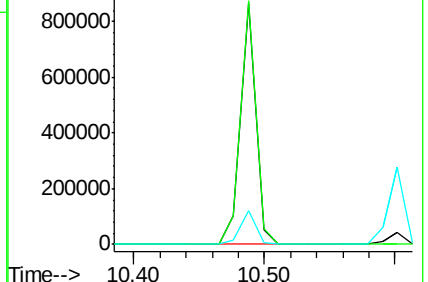
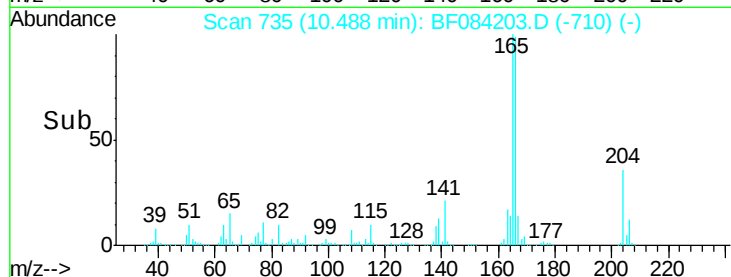
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.71 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Tgt Ion:232 Resp: 180104

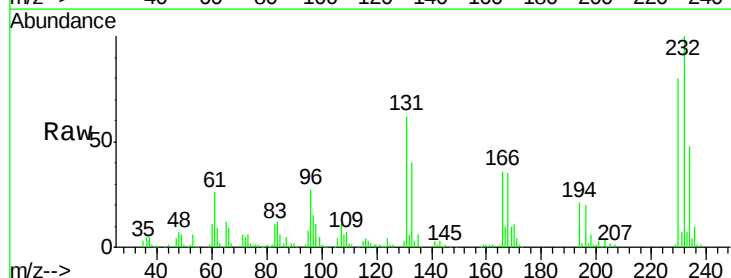
Ion Ratio Lower Upper

232 100

131 56.9 47.0 70.6

130 2.7 2.0 3.0

166 34.0 30.5 45.7

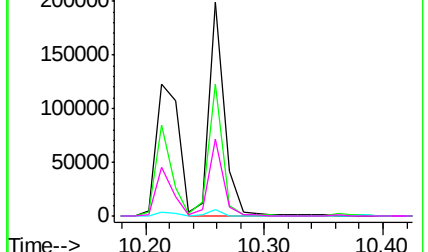
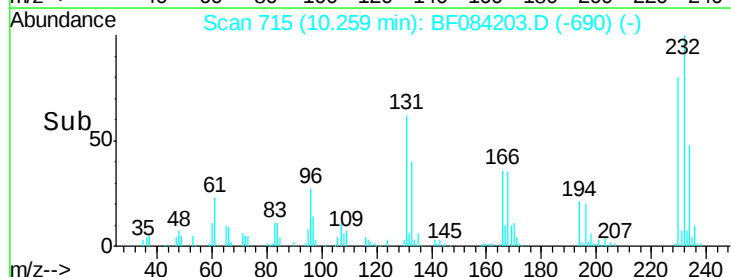


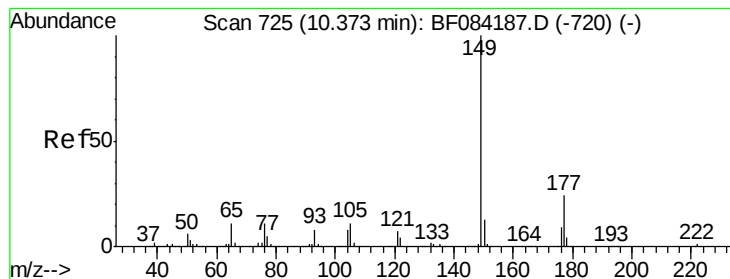
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.19 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

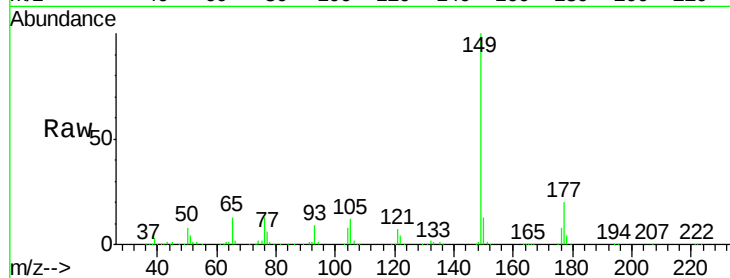
Tgt Ion:149 Resp: 739765

Ion Ratio Lower Upper

149 100

177 19.7 17.3 25.9

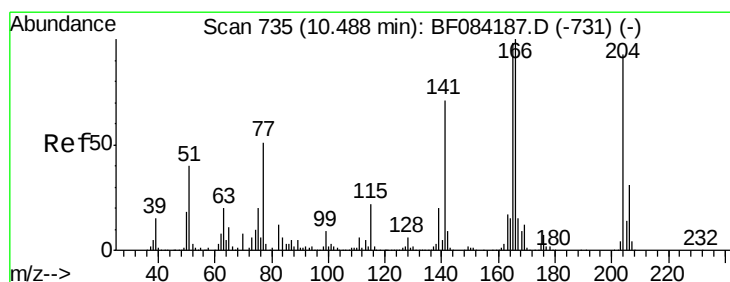
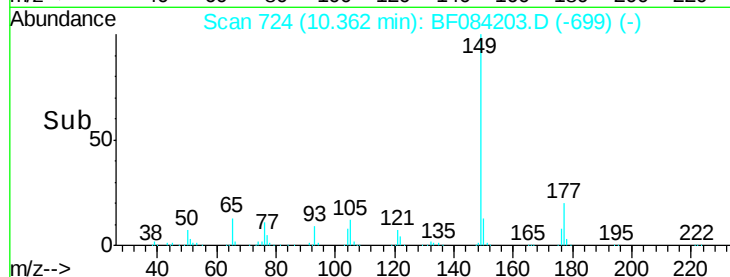
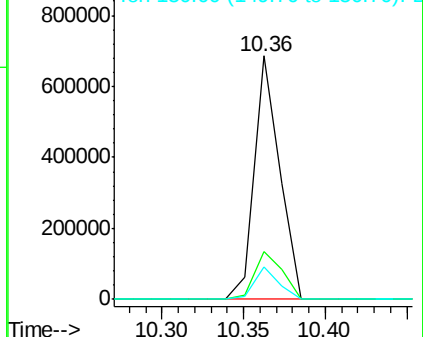
150 13.1 9.8 14.8



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: 18.46 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

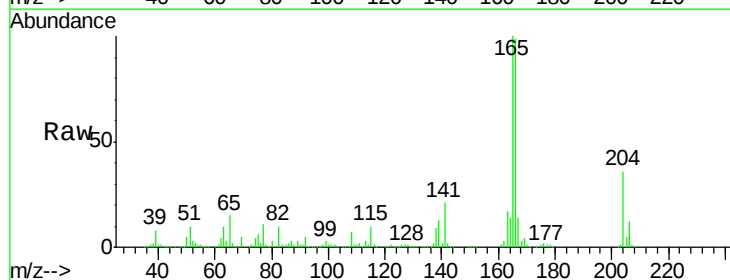
Tgt Ion:204 Resp: 330676

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

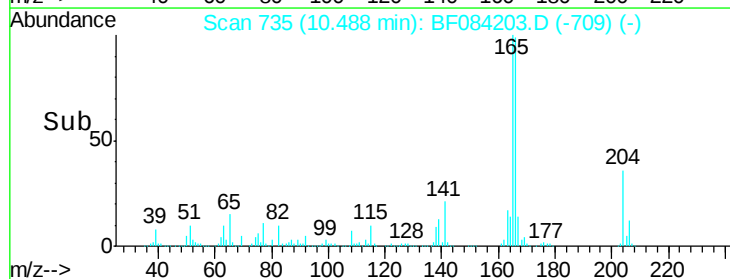
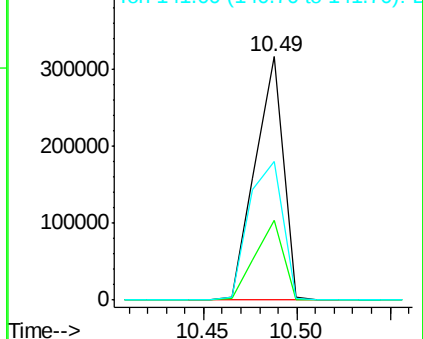
141 56.7 55.1 82.7



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

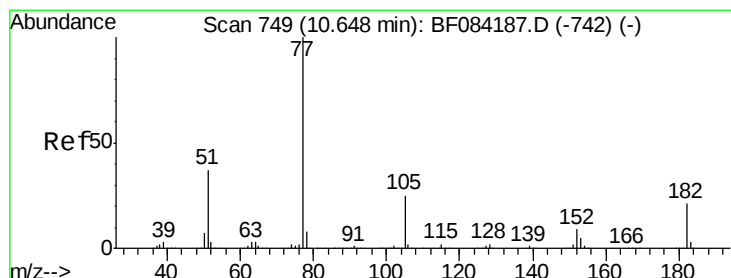
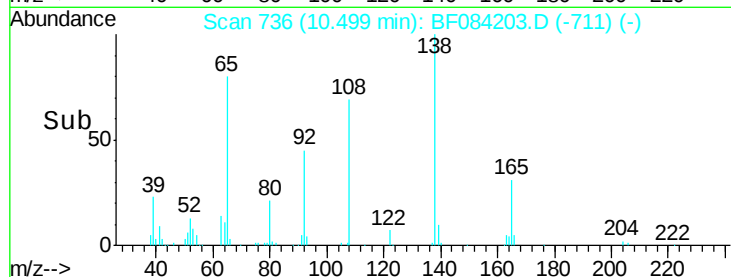
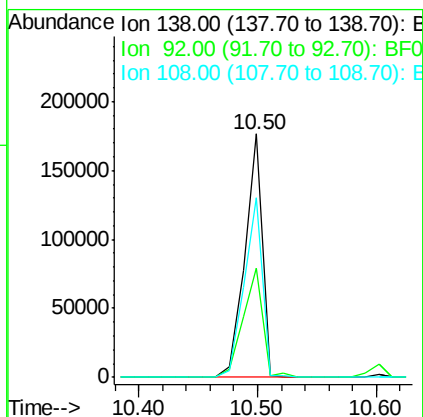
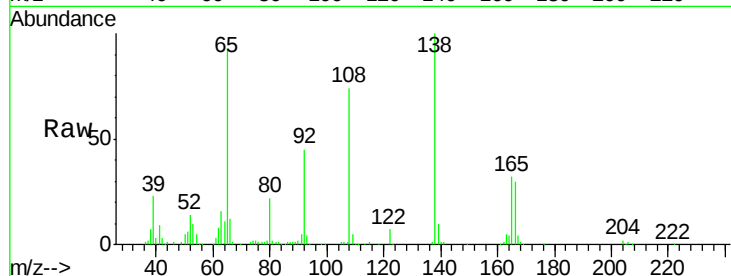




#61
4-Nitroaniline
Concen: 19.11 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

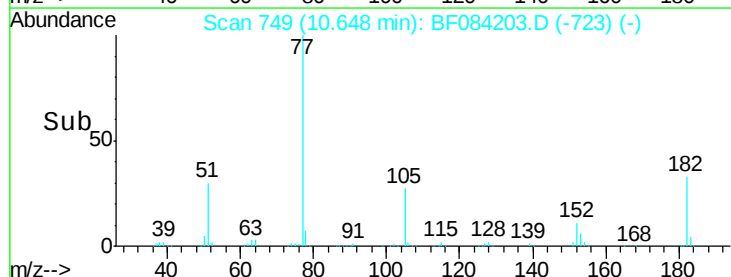
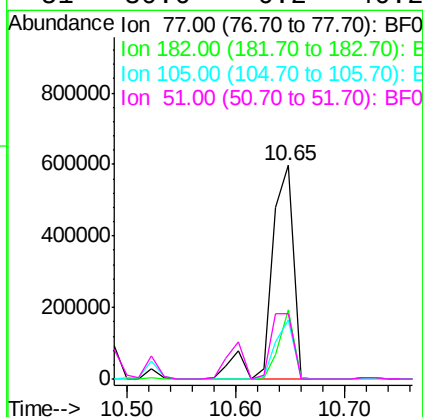
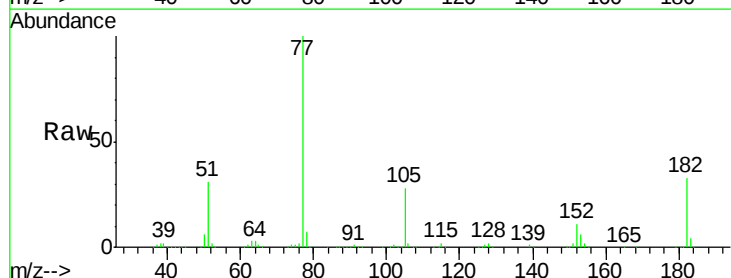
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

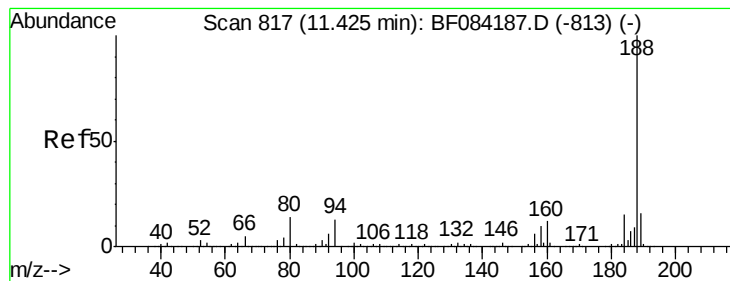
Tgt Ion:138 Resp: 180960
Ion Ratio Lower Upper
138 100
92 44.7 32.6 72.6
108 73.7 68.6 108.6



#62
Azobenzene
Concen: 19.93 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion: 77 Resp: 842523
Ion Ratio Lower Upper
77 100
182 32.6 8.3 48.3
105 27.5 4.6 44.6
51 30.6 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

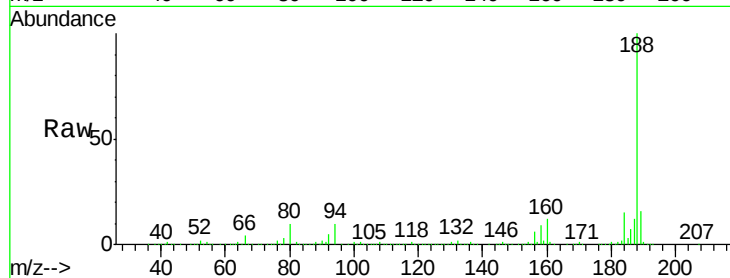
Tgt Ion:188 Resp: 1047312

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

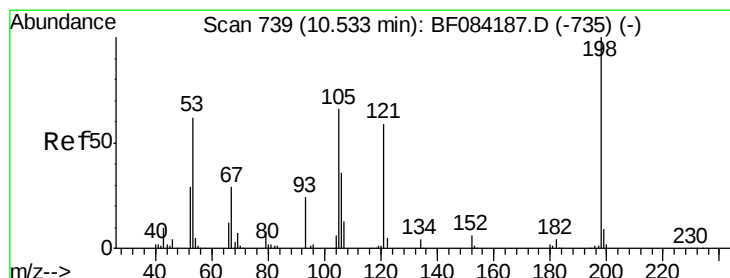
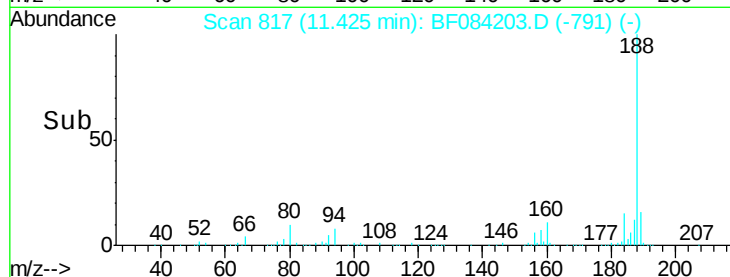
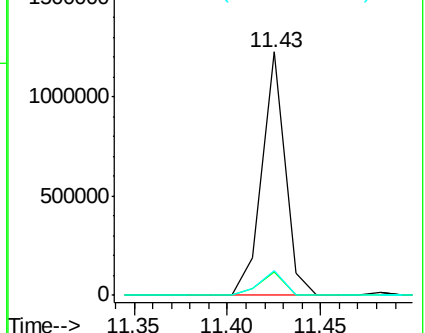
80 10.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.96 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

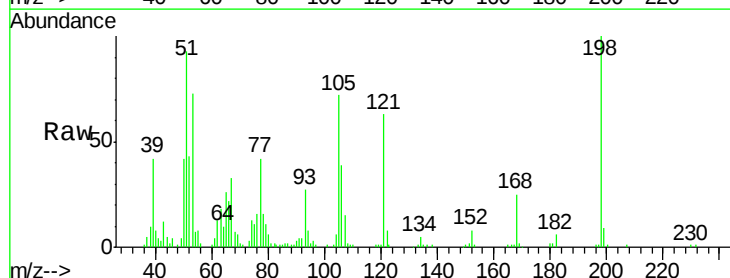
Tgt Ion:198 Resp: 73003

Ion Ratio Lower Upper

198 100

51 93.4 18.9 58.9#

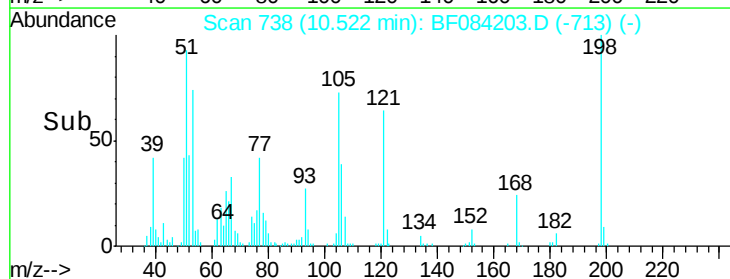
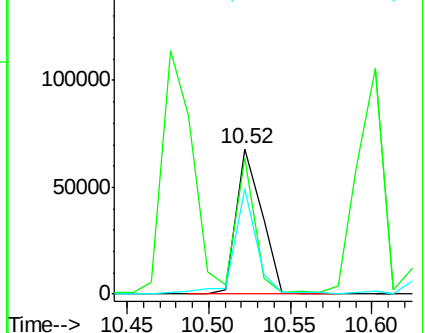
105 72.3 26.4 66.4#

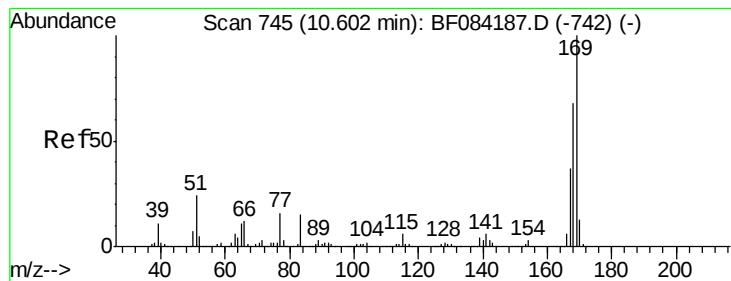


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

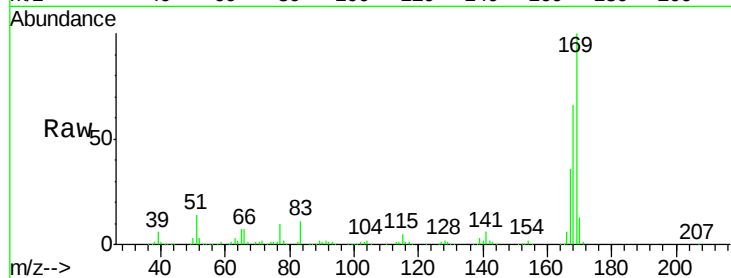




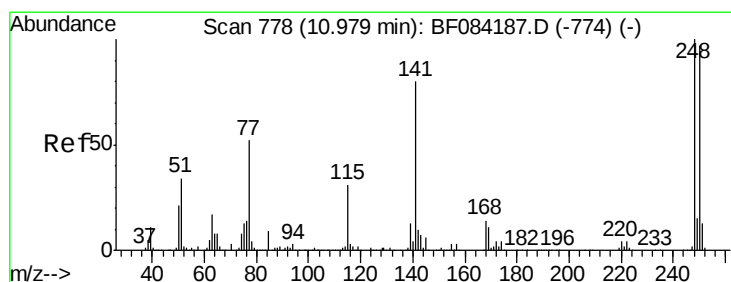
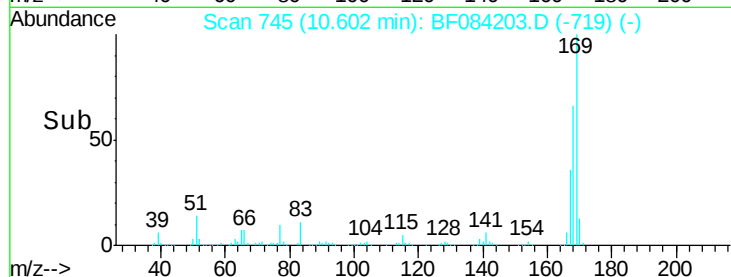
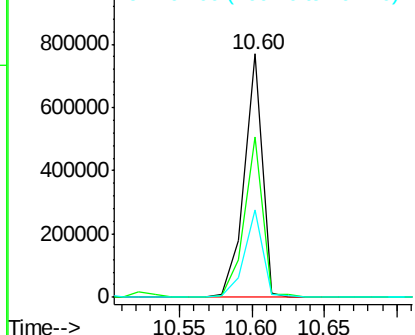
#65
n-Nitrosodiphenylamine
Concen: 19.94 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:169 Resp: 667622
Ion Ratio Lower Upper
169 100
168 65.8 55.1 82.7
167 36.0 30.0 45.0

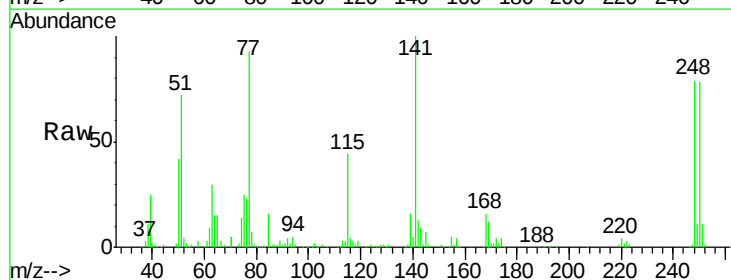


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

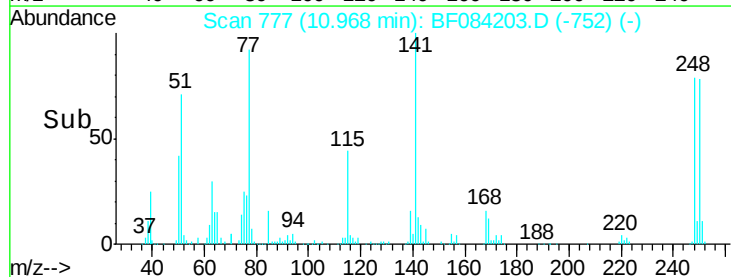
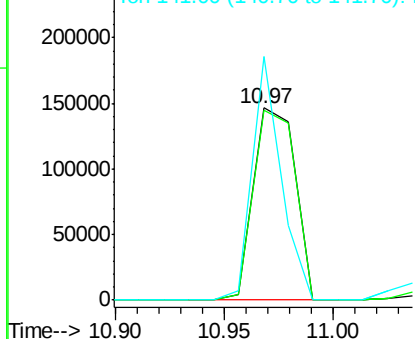


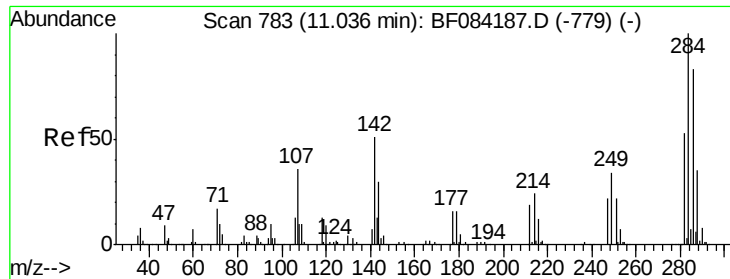
#66
4-Bromophenyl-phenylether
Concen: 17.50 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion:248 Resp: 197235
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 126.6 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: 18.52 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

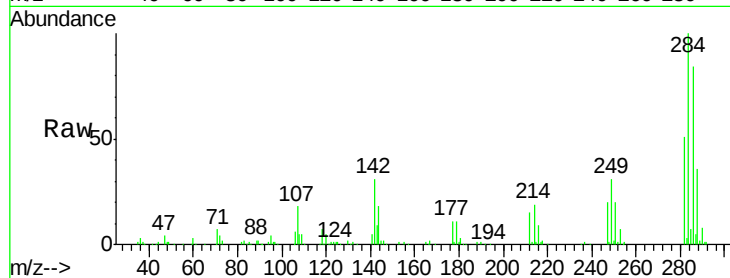
Tgt Ion:284 Resp: 234953

Ion Ratio Lower Upper

284 100

142 31.1 22.2 33.4

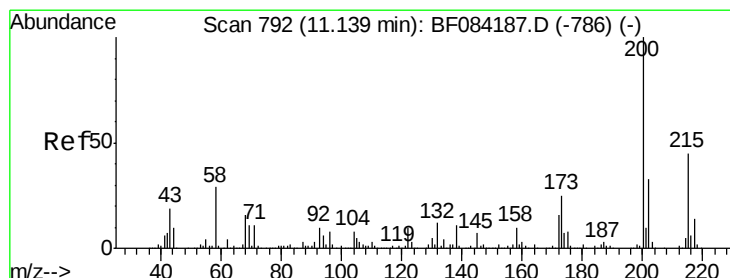
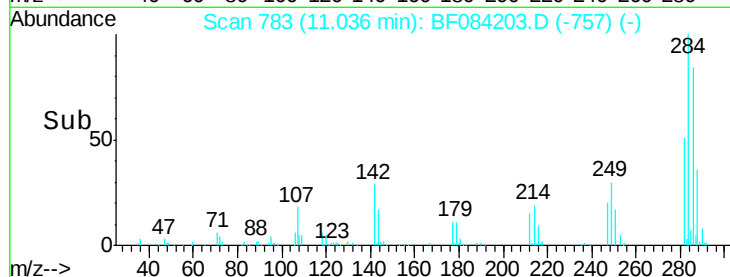
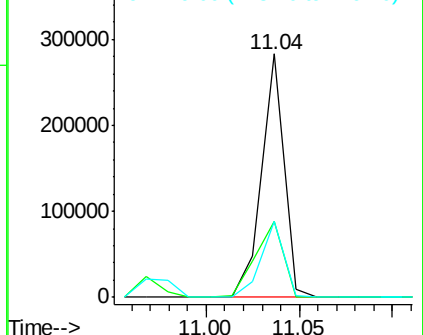
249 31.3 24.6 37.0



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: 21.32 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

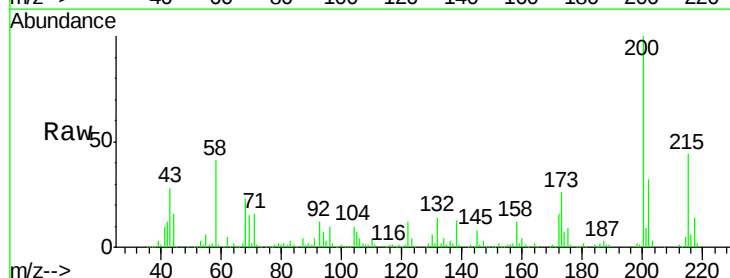
Tgt Ion:200 Resp: 233614

Ion Ratio Lower Upper

200 100

173 25.8 9.5 49.5

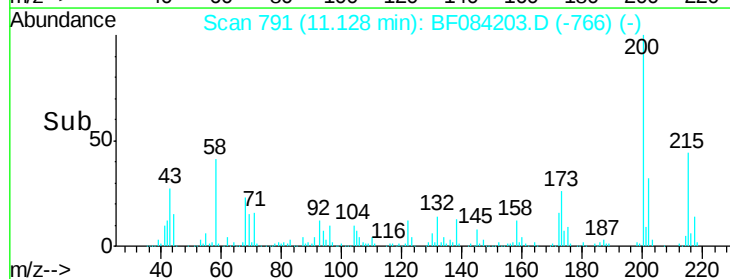
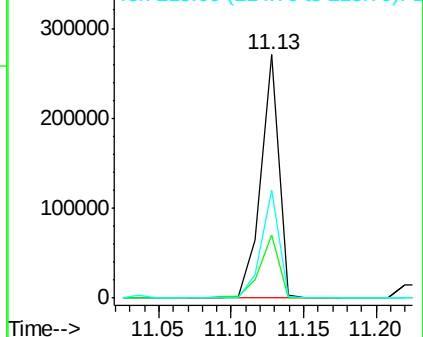
215 44.4 23.8 63.8

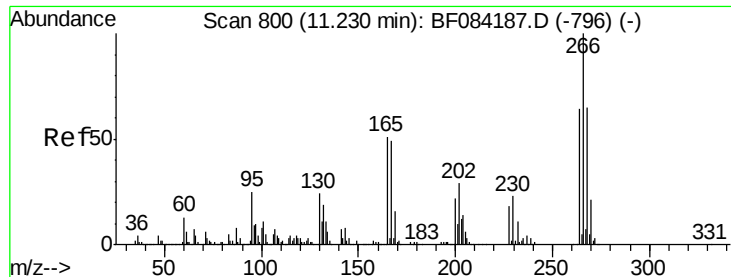


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

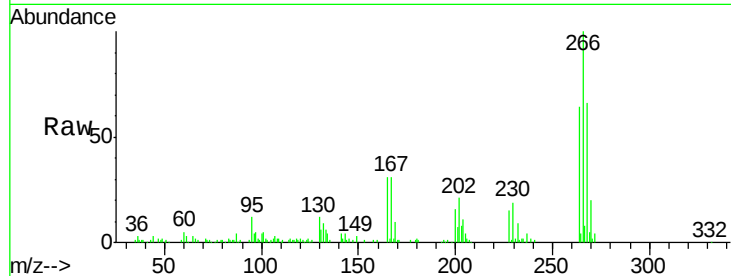




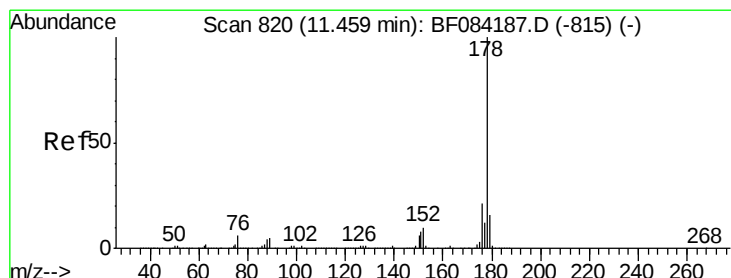
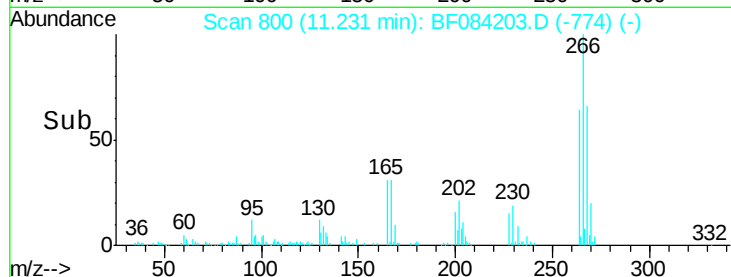
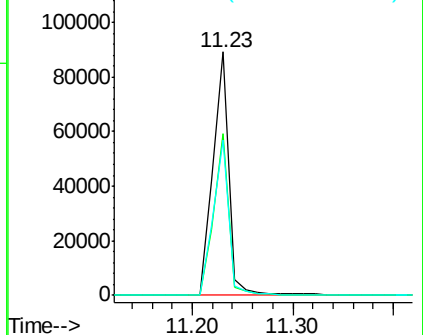
#69
 Pentachlorophenol
 Concen: 14.87 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 266 Resp: 97848
 Ion Ratio Lower Upper
 266 100
 268 66.2 52.4 78.6
 264 64.0 50.2 75.2

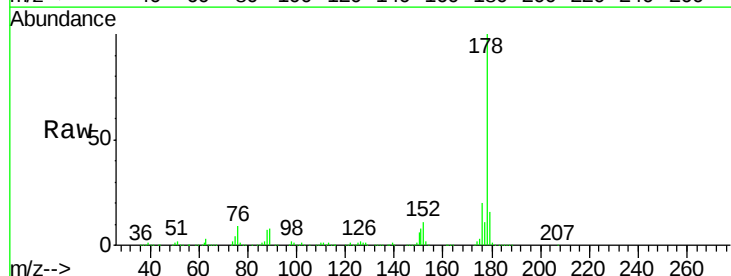


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

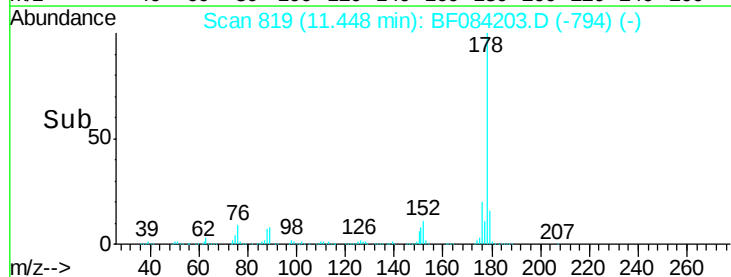
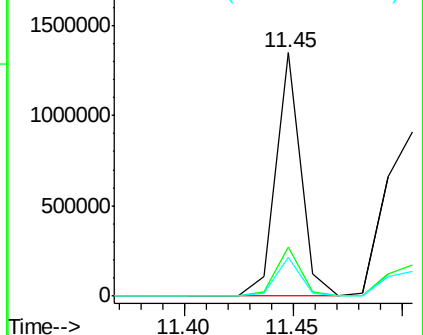


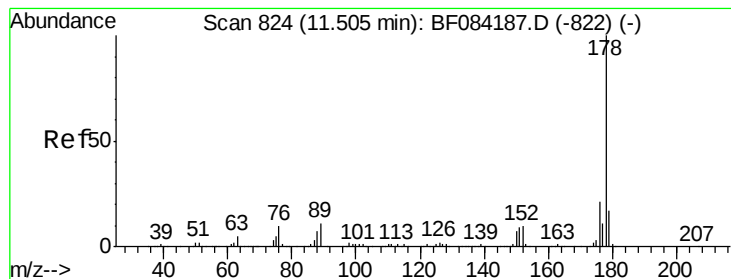
#70
 Phenanthrene
 Concen: 19.84 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion: 178 Resp: 1087155
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.1 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: 20.39 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

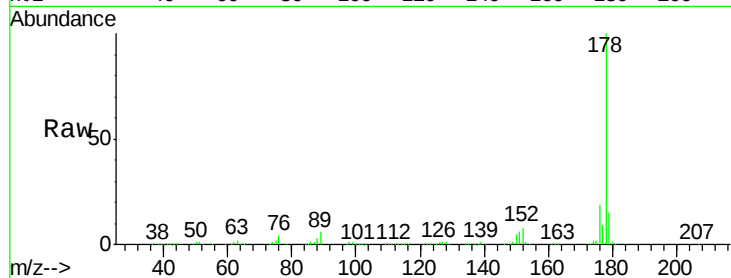
Tgt Ion:178 Resp: 1094724

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

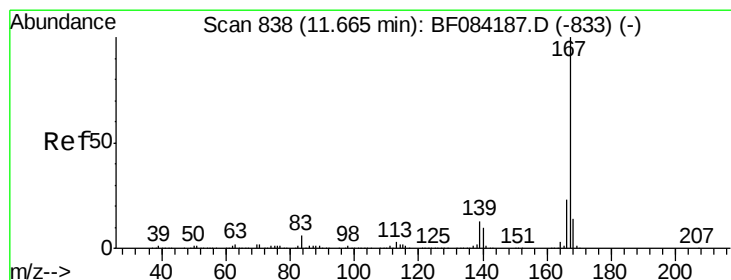
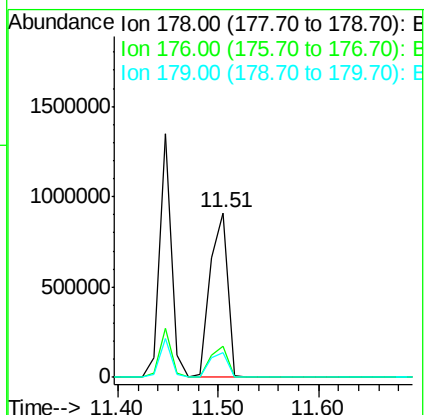
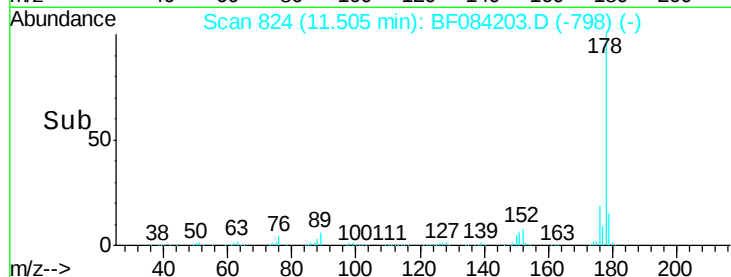
179 15.1 12.5 18.7



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: 18.98 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

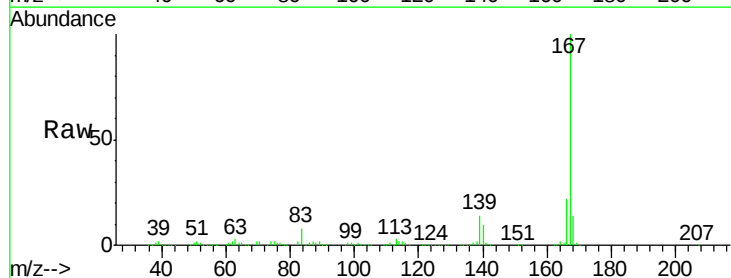
Tgt Ion:167 Resp: 996373

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

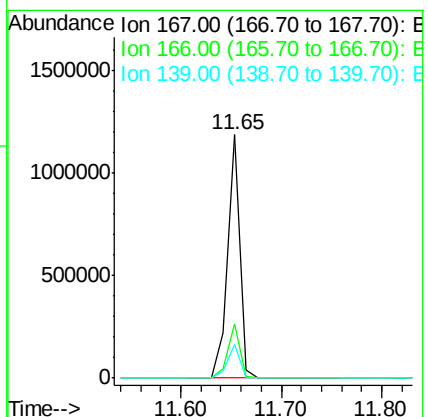
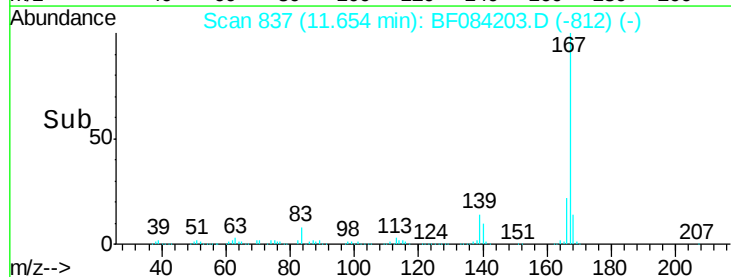
139 13.8 11.8 17.8

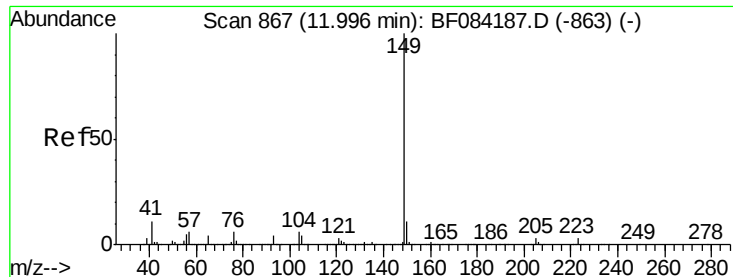


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 17.87 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

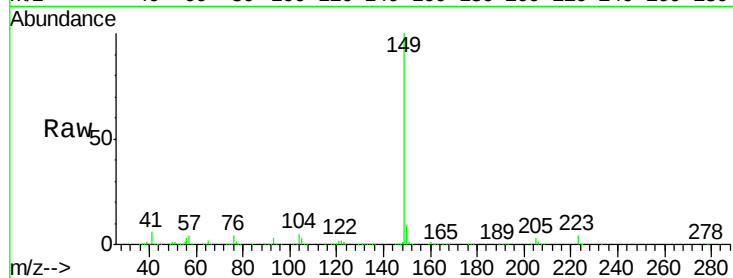
Tgt Ion:149 Resp: 1226464

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

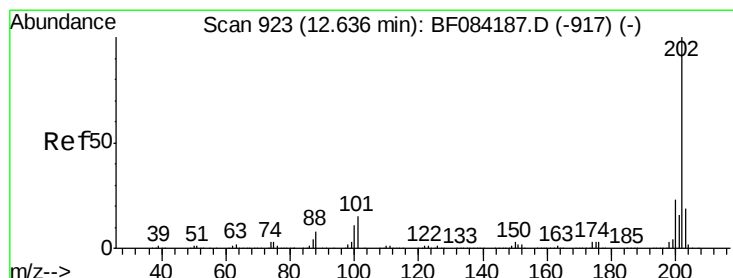
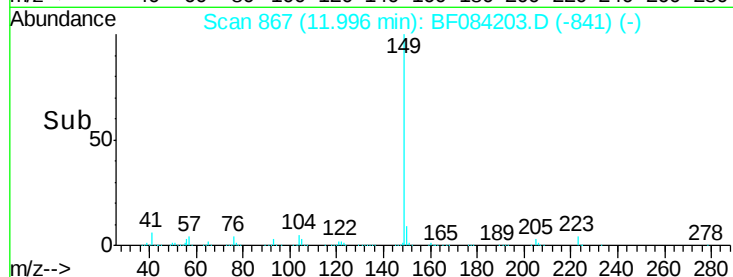
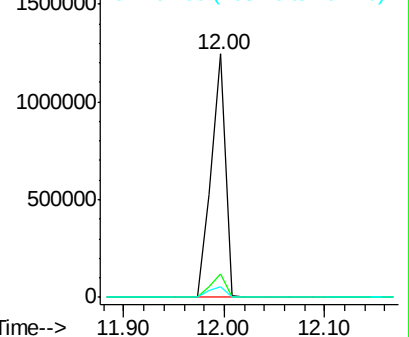
104 4.5 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 19.67 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

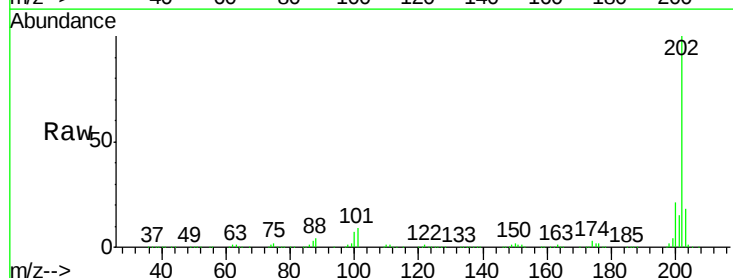
Tgt Ion:202 Resp: 1125717

Ion Ratio Lower Upper

202 100

101 9.1 0.0 32.8

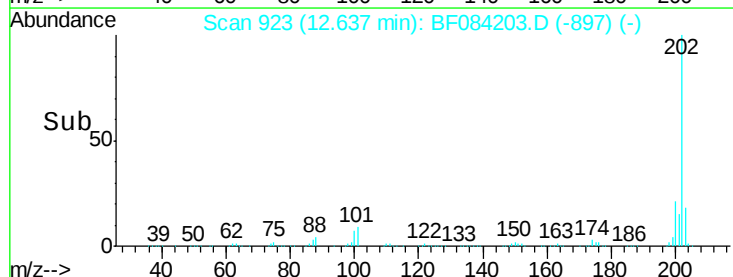
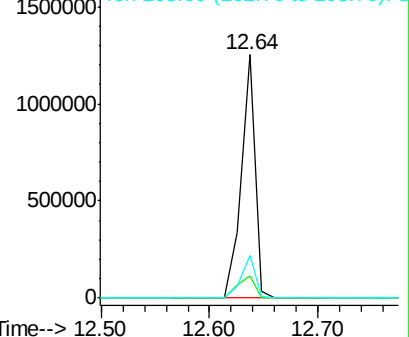
203 17.7 0.0 37.9

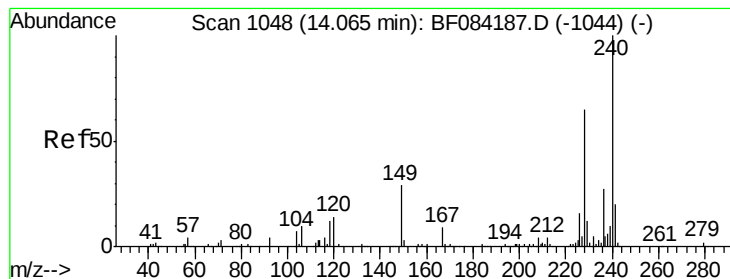


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

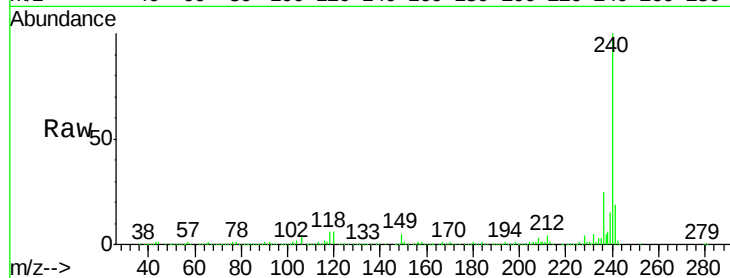
Tgt Ion:240 Resp: 798246

Ion Ratio Lower Upper

240 100

120 6.3 9.5 14.3#

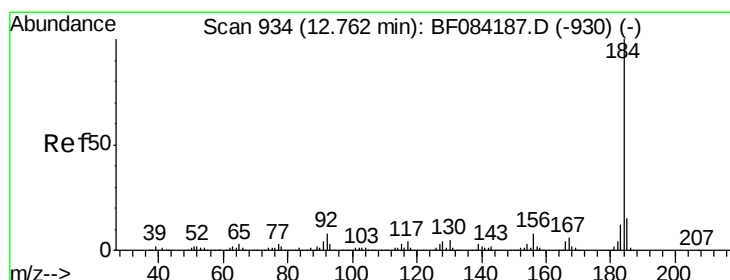
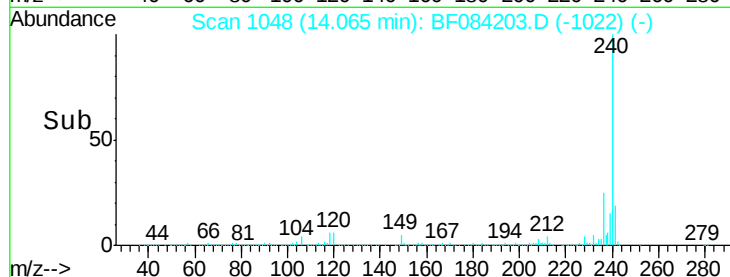
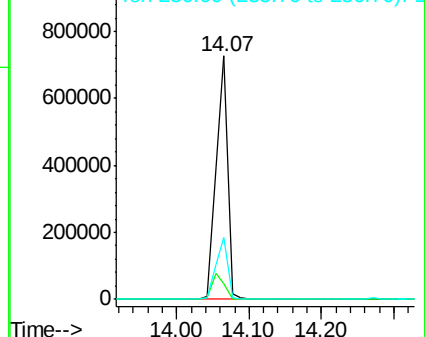
236 25.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.70 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

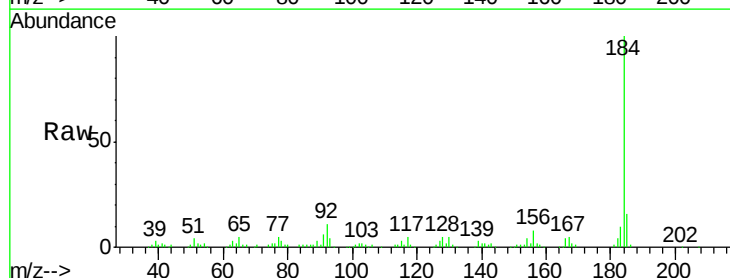
Tgt Ion:184 Resp: 249069

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

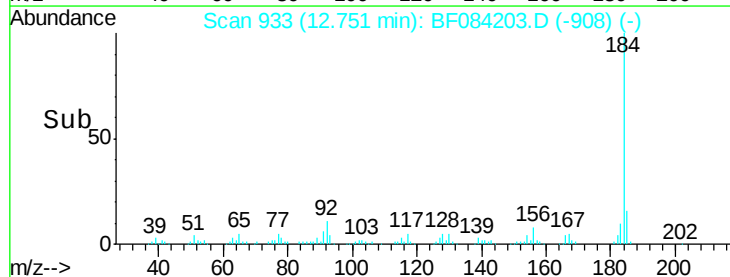
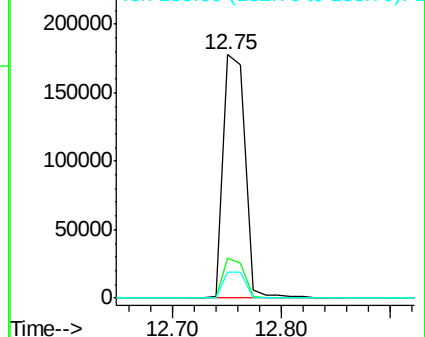
183 10.4 9.8 14.8

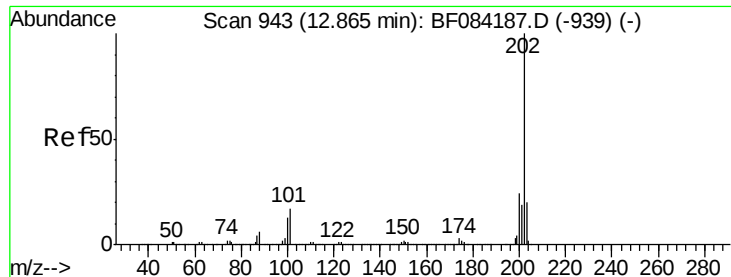


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

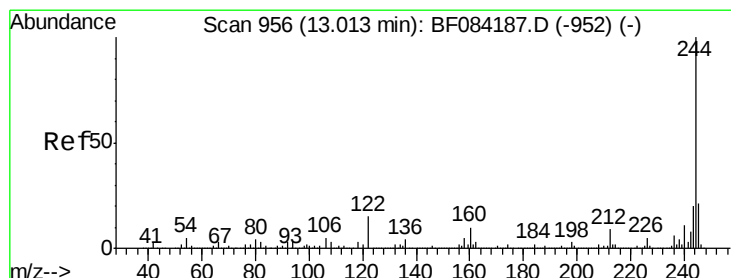
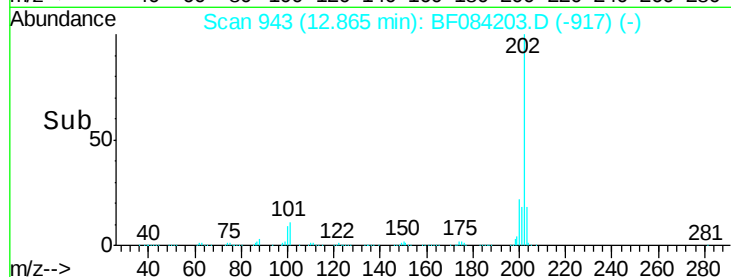
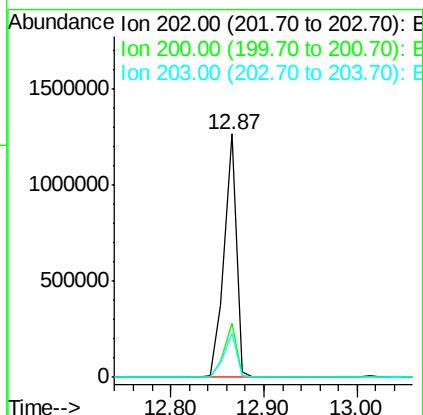
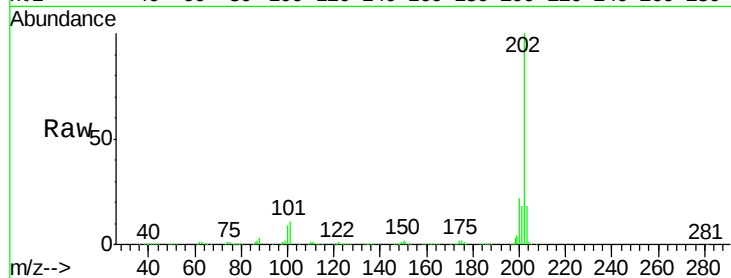




#77
 Pyrene
 Concen: 18.46 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

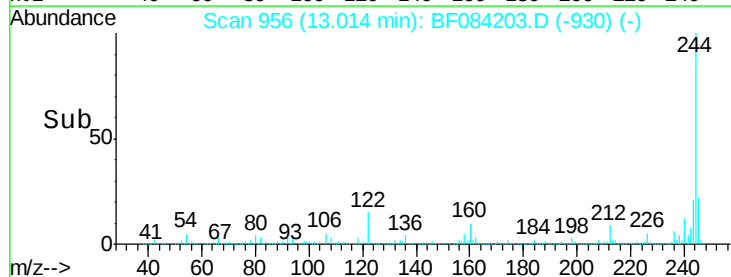
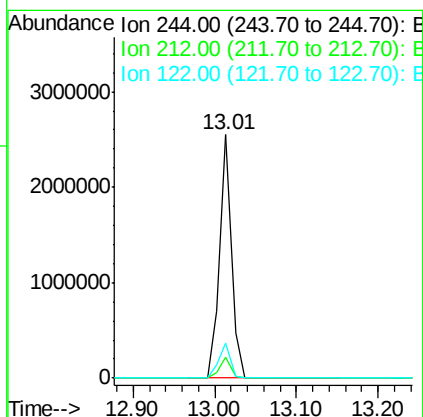
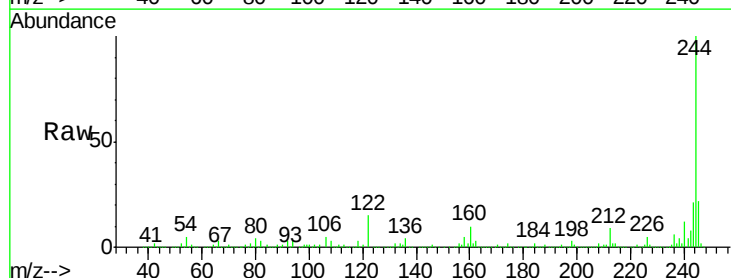
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

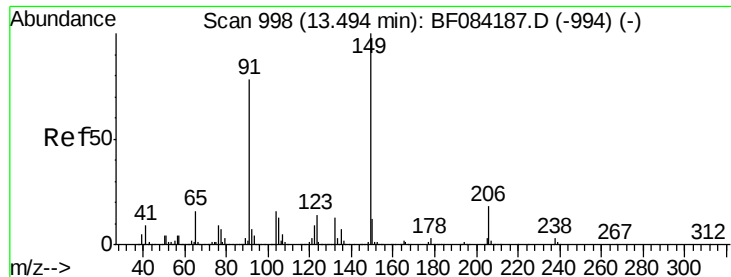
Tgt Ion:202 Resp: 1156332
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.2 25.8
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 72.02 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:244 Resp: 2575359
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.7 8.5#
 122 14.5 7.4 11.0#

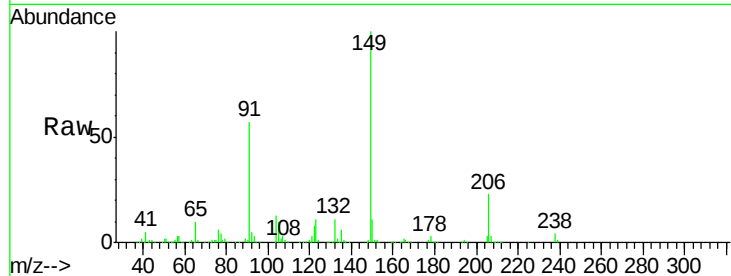




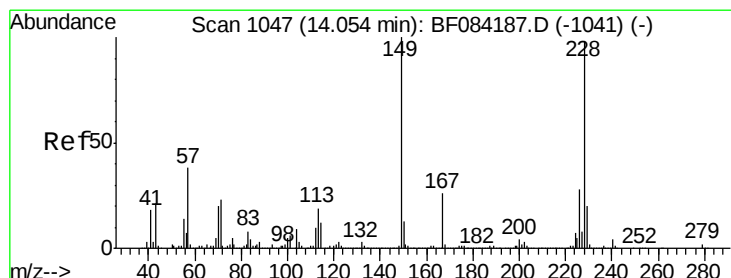
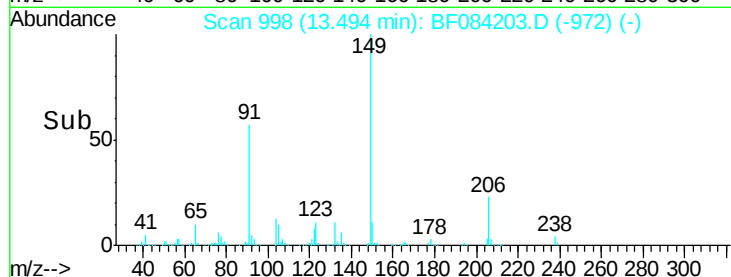
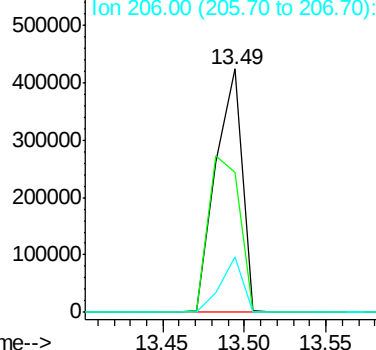
#79
Butylbenzylphthalate
Concen: 17.52 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:149 Resp: 475026
Ion Ratio Lower Upper
149 100
91 57.5 57.6 86.4#
206 22.6 13.2 19.8#

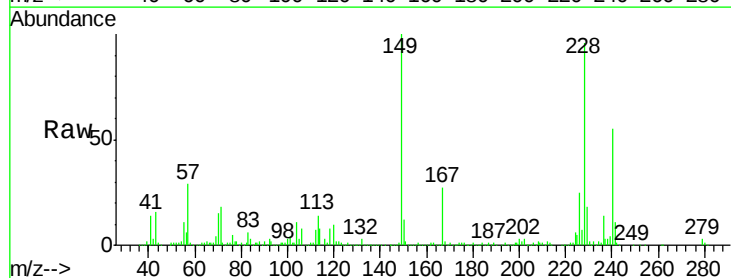


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

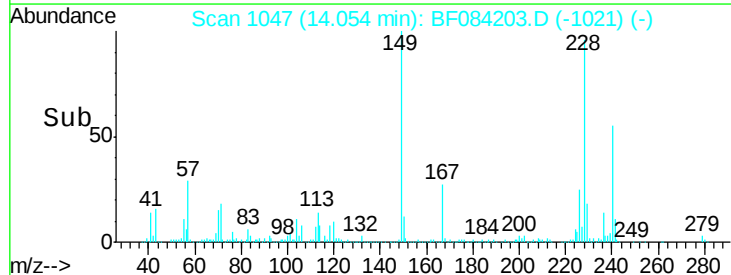
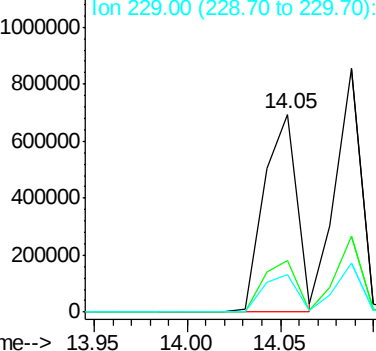


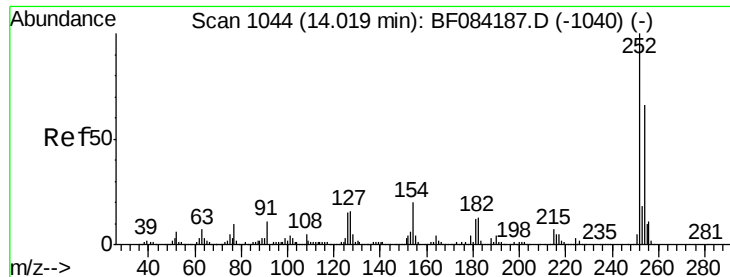
#80
Benzo(a)anthracene
Concen: 18.11 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084203.D
Acq: 31 Dec 2015 19:08

Tgt Ion:228 Resp: 848754
Ion Ratio Lower Upper
228 100
226 26.0 21.8 32.6
229 18.8 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

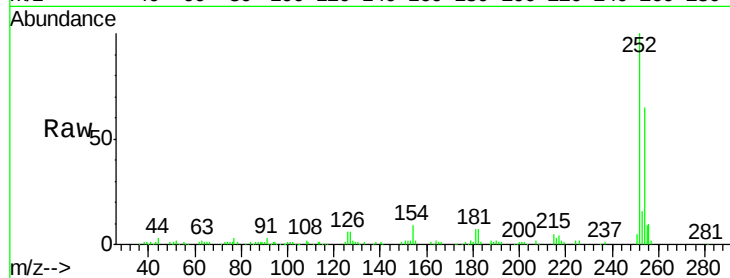




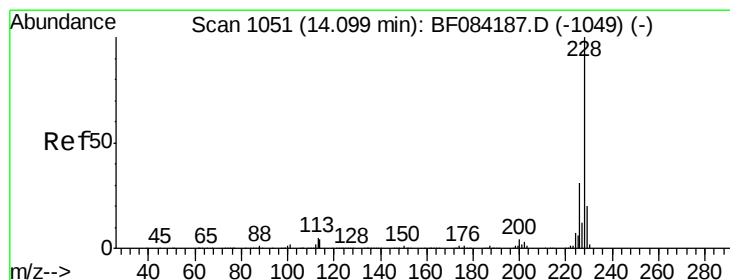
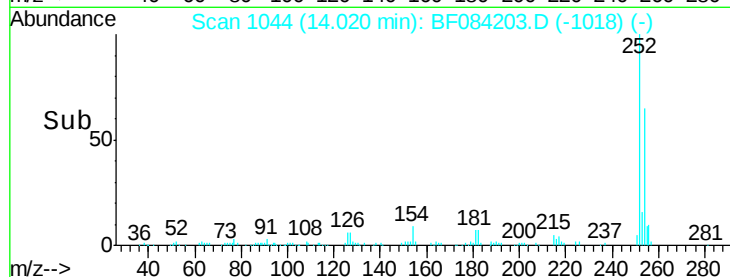
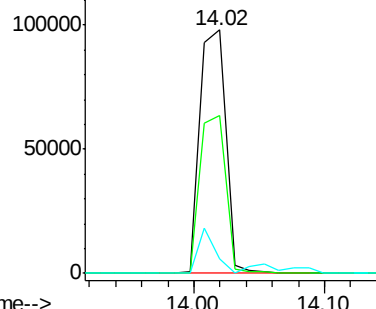
#81
 3,3'-Dichlorobenzidine
 Concen: 8.27 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion: 252 Resp: 135256
 Ion Ratio Lower Upper
 252 100
 254 65.0 53.5 80.3
 126 6.2 4.9 7.3

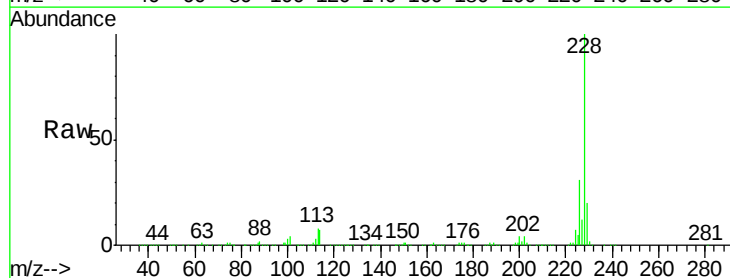


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

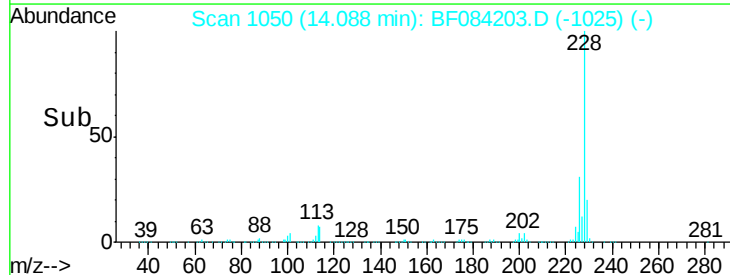
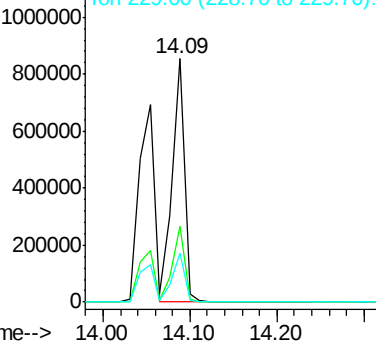


#82
 Chrysene
 Concen: 18.29 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion: 228 Resp: 823907
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.1 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

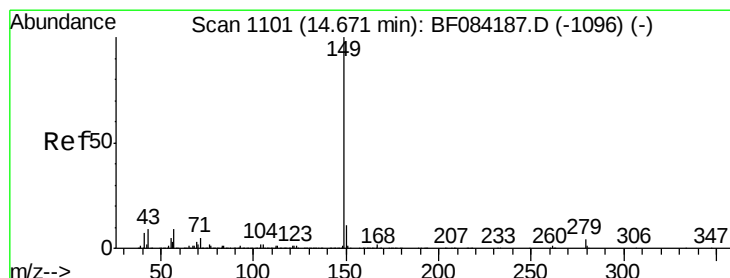
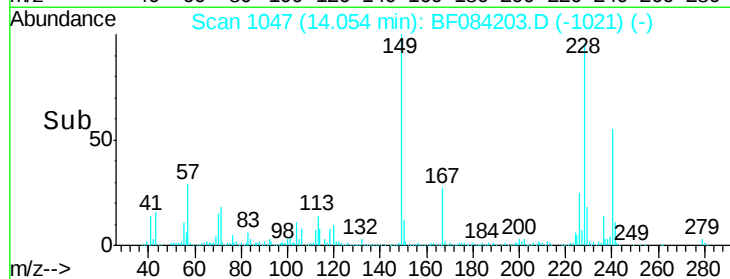
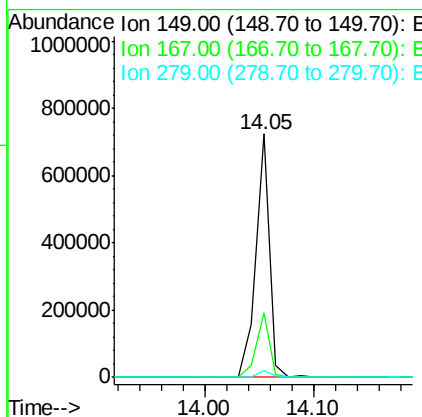
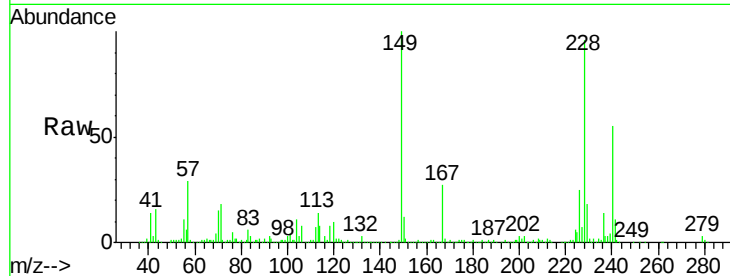




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.56 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

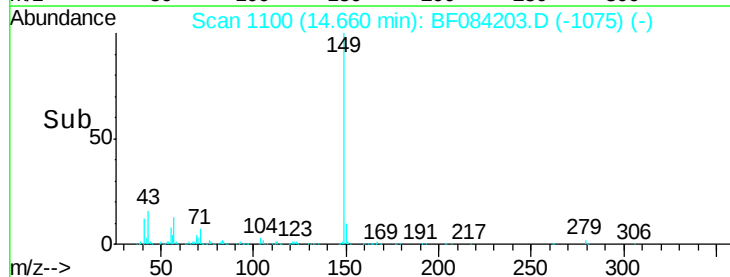
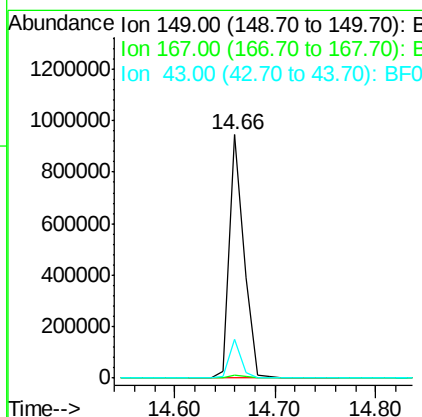
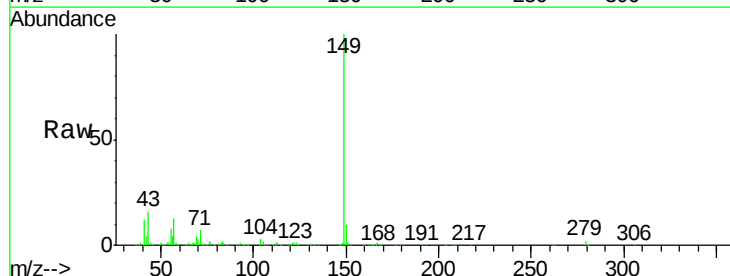
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

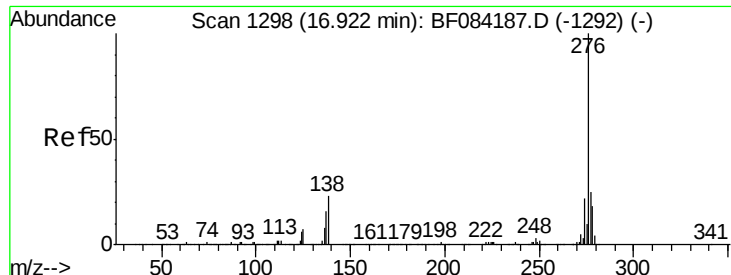
Tgt Ion:149 Resp: 635484
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.7 29.5
 279 2.9 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 16.45 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion:149 Resp: 951280
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.3 5.6 8.4#

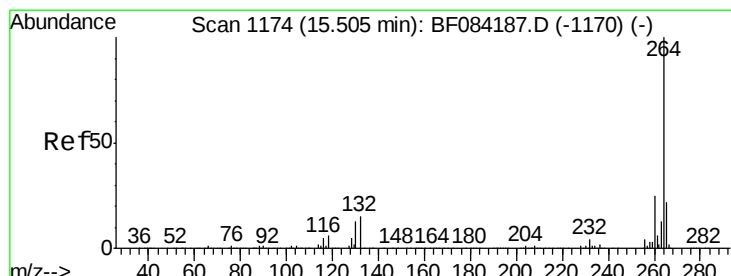
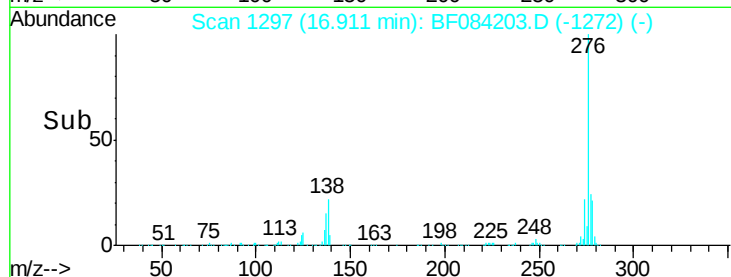
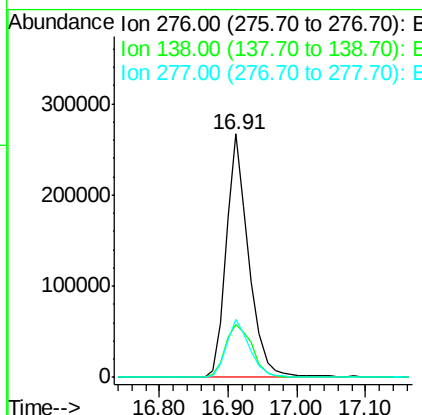
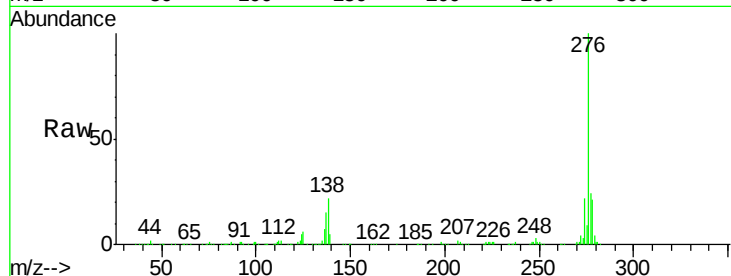




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.10 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

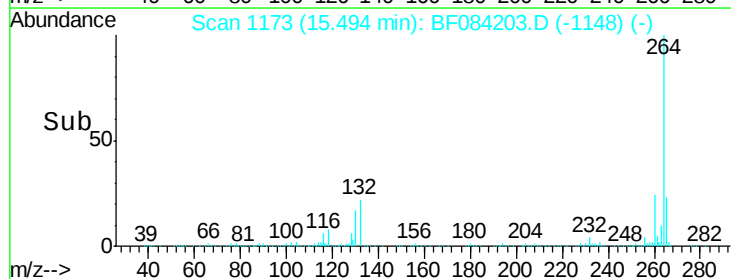
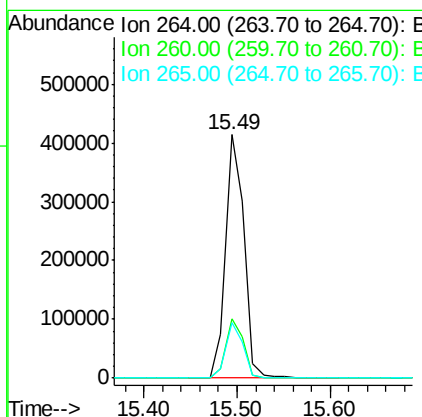
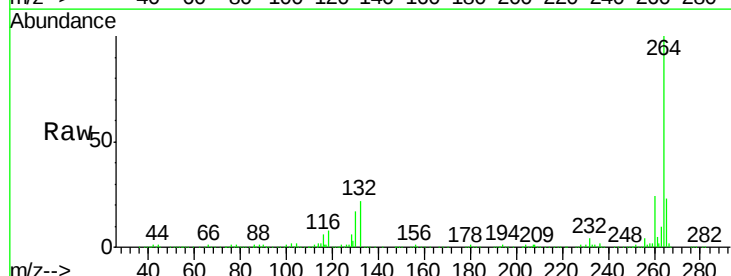
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

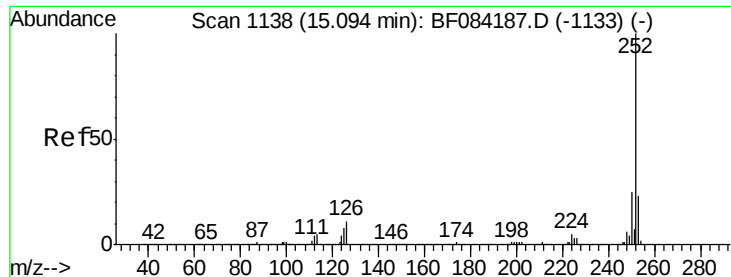
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.6	30.8
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084203.D
 Acq: 31 Dec 2015 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 34.92 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

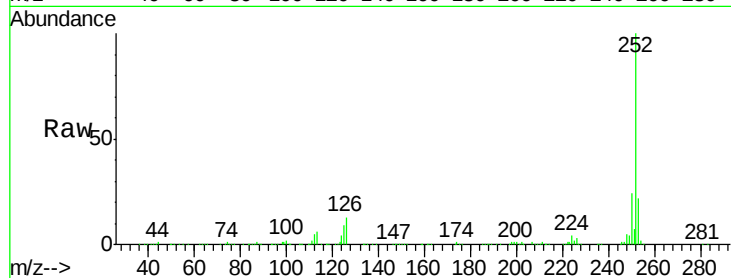
Tgt Ion:252 Resp: 1303553

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

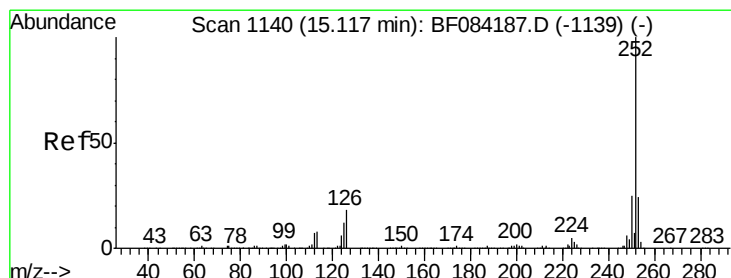
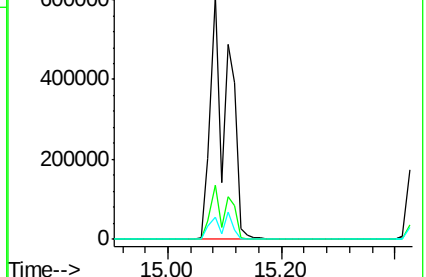
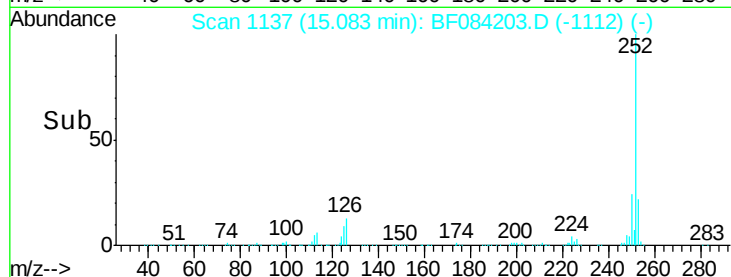
125 9.0 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.70 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

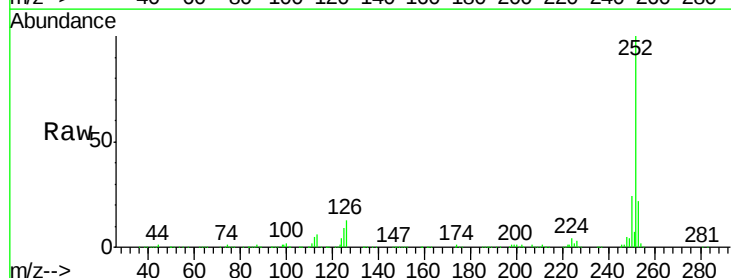
Tgt Ion:252 Resp: 1303553

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

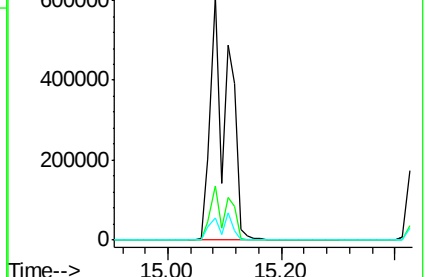
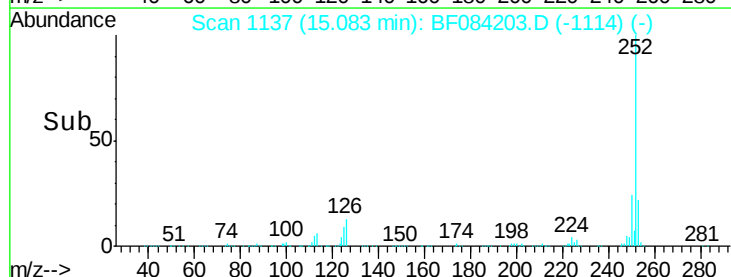
125 9.0 9.0 13.6#

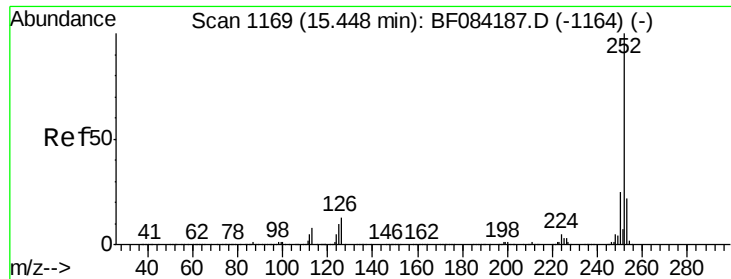


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 18.93 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

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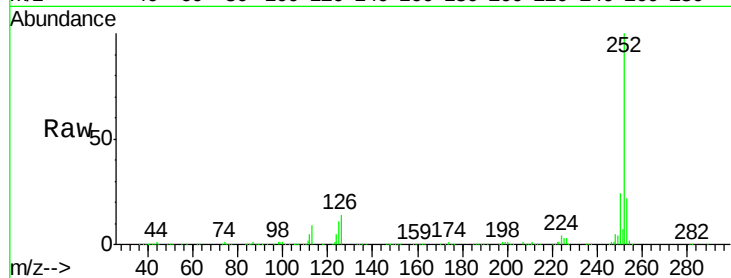
Tgt Ion:252 Resp: 599293

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

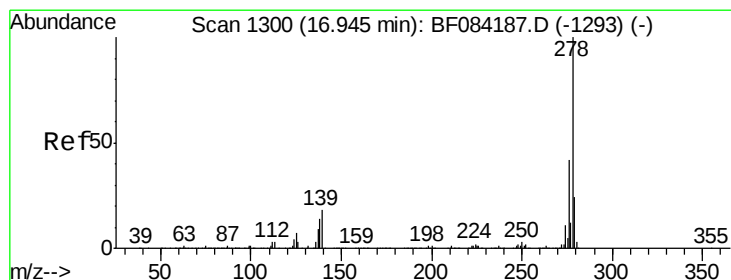
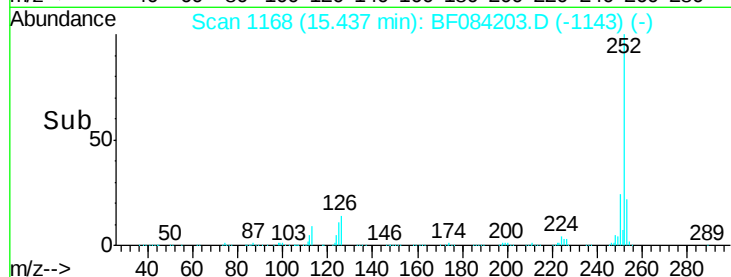
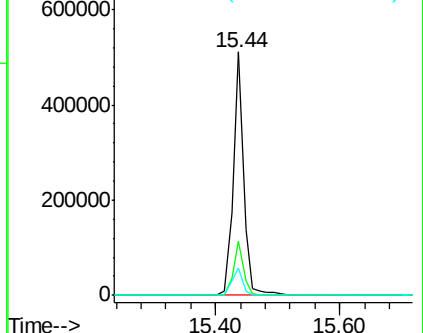
125 11.1 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 19.13 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF084203.D

Acq: 31 Dec 2015 19:08

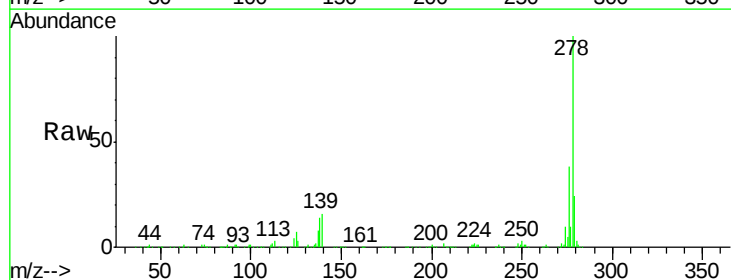
Tgt Ion:278 Resp: 521080

Ion Ratio Lower Upper

278 100

139 16.1 15.0 22.4

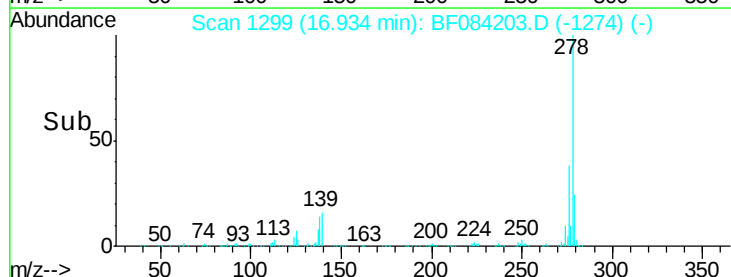
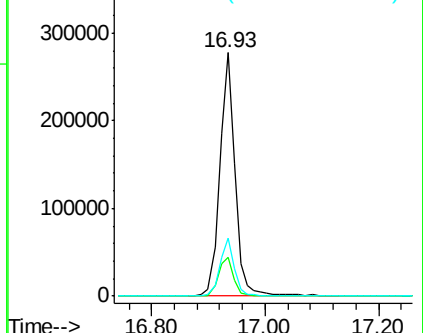
279 23.8 18.9 28.3

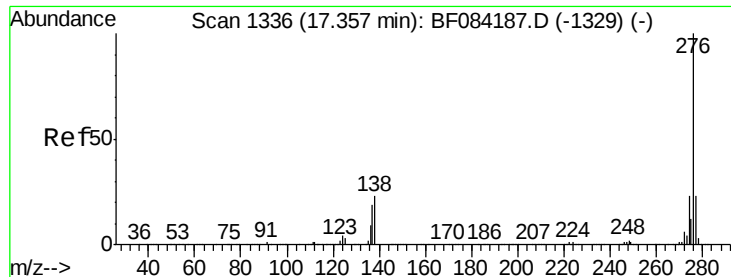


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.45 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF084203.D

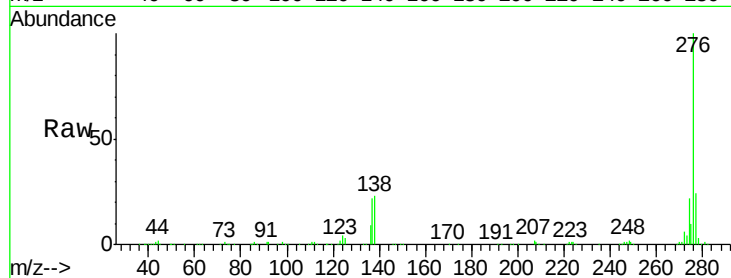
Acq: 31 Dec 2015 19:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02



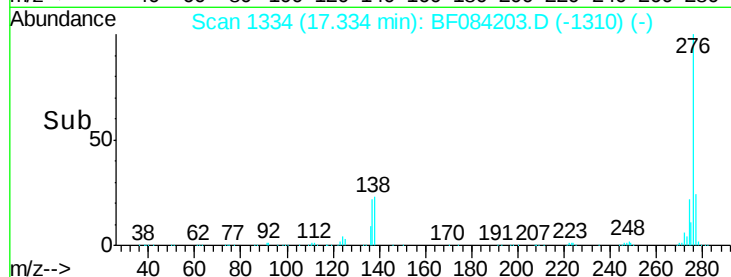
Tgt Ion: 276 Resp: 520511

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 23.3 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

