

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101606.D
 Acq On : 21 Dec 2017 14:56
 Operator : SJ/JU
 Sample : I6966-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-WATER

Quant Time: Dec 21 15:25:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

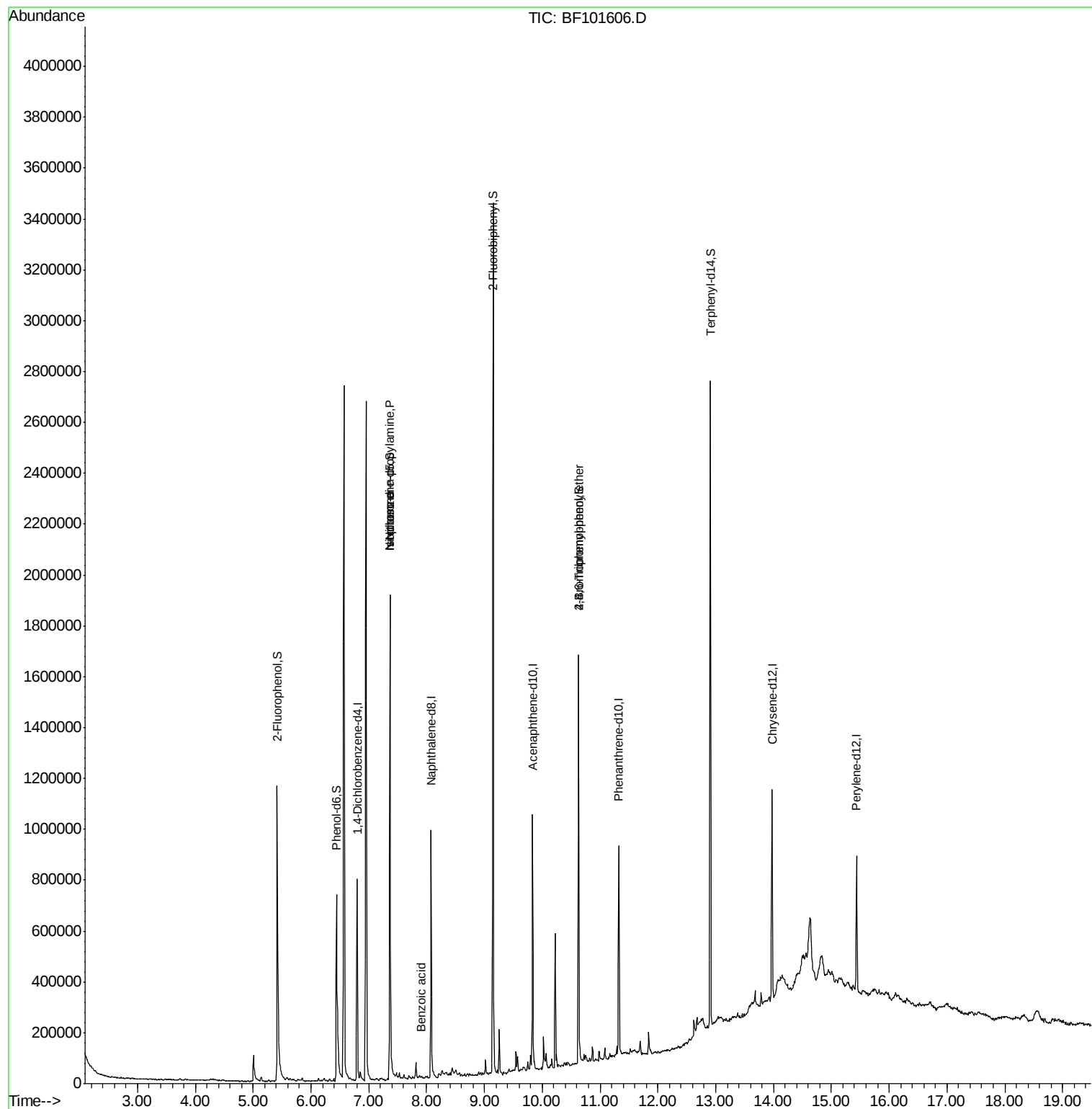
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127585	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	478436	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	186108	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	300011	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291328	20.00	ng	0.00
86) Perylene-d12	15.44	264	253996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	459139	53.61	ng	0.00
7) Phenol-d6	6.44	99	360391	33.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	702464	81.73	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	201197	112.19	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1125713	93.83	ng	0.00
78) Terphenyl-d14	12.91	244	943685	78.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	96977	13.853	ng	# 81
25) Isophorone	7.37	82	702464	40.742	ng	# 64
32) Benzoic acid	7.90	122	1222	8.179	ng	# 70
66) 4-Bromophenyl-phenylether	10.63	248	12757	3.784	ng	# 1

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

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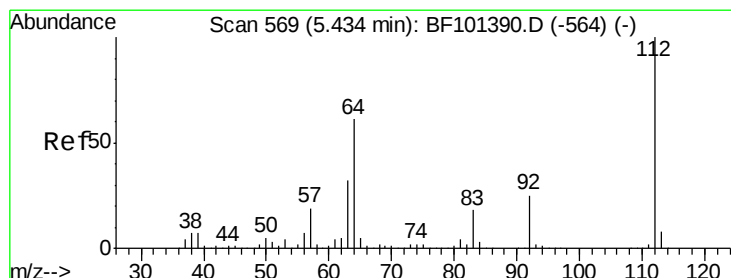
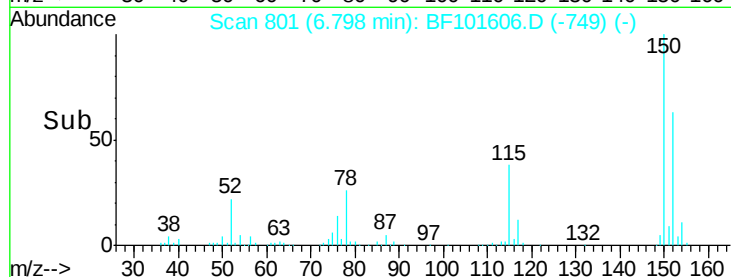
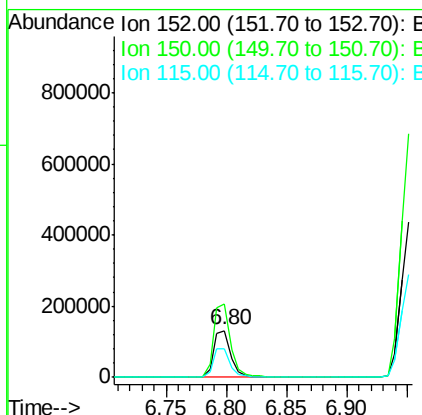
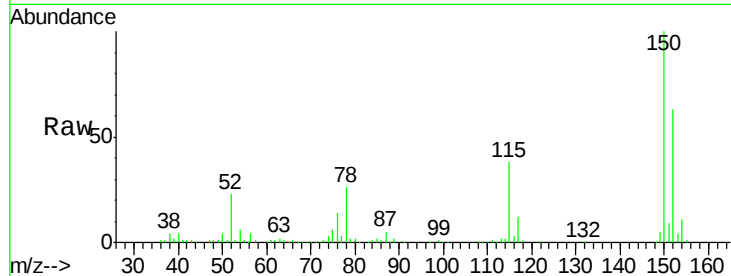




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

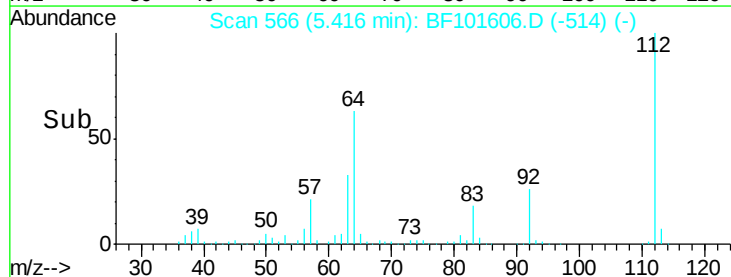
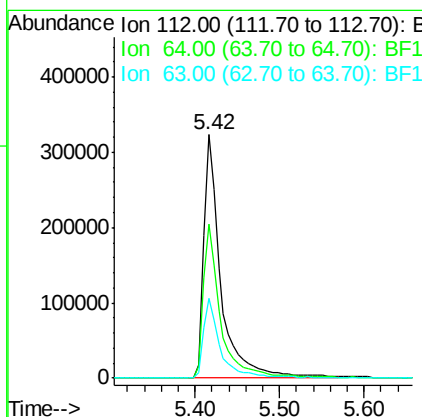
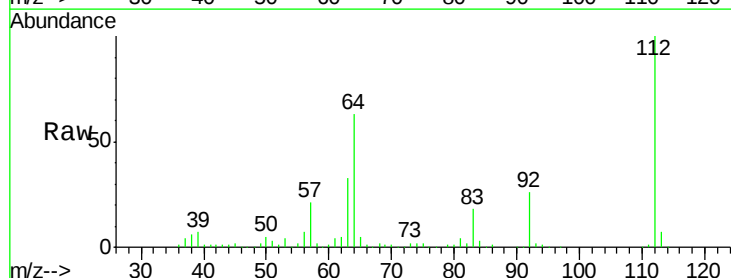
Instrument :
 BNA_F
 ClientSampleId :
 DB-WATER

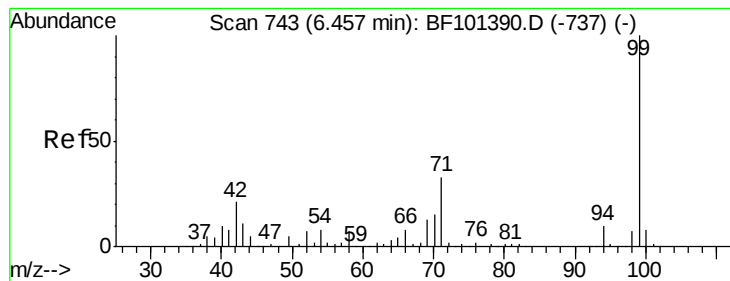
Tgt Ion:152 Resp: 127585
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 60.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 53.605 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

Tgt Ion:112 Resp: 459139
 Ion Ratio Lower Upper
 112 100
 64 63.2 47.9 71.9
 63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 33.809 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

Instrument :

BNA_F

ClientSampleId :

DB-WATER

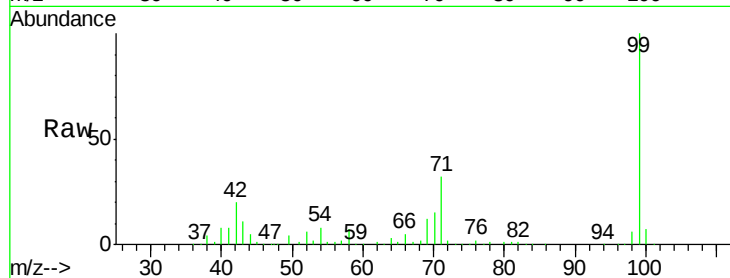
Tgt Ion: 99 Resp: 360391

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

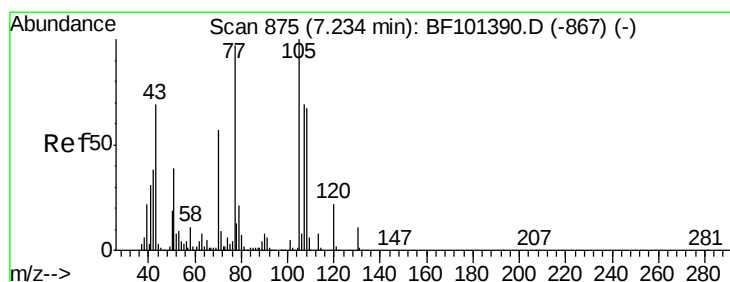
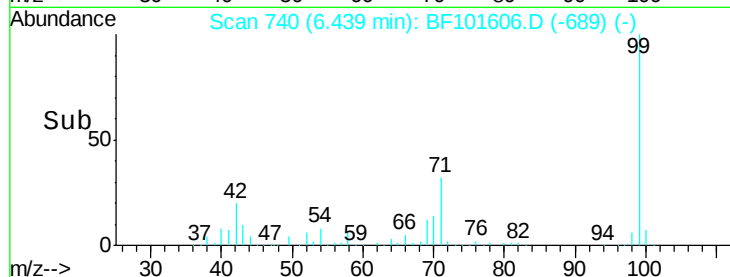
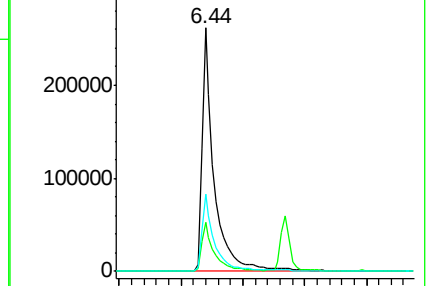
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.853 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

Tgt Ion: 70 Resp: 96977

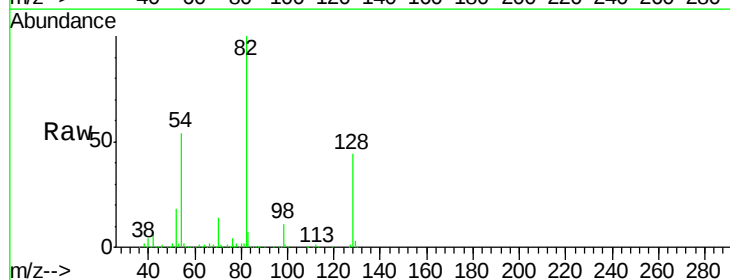
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

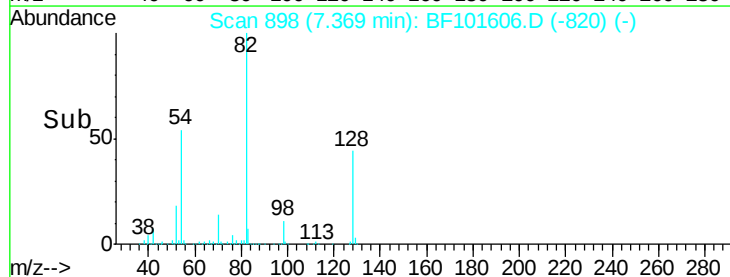
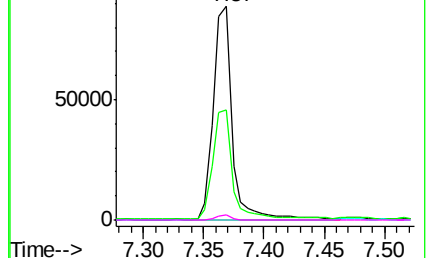


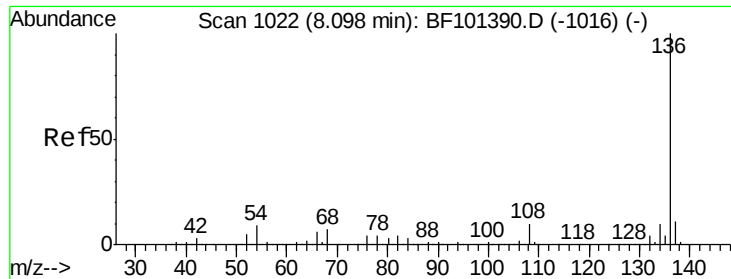
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

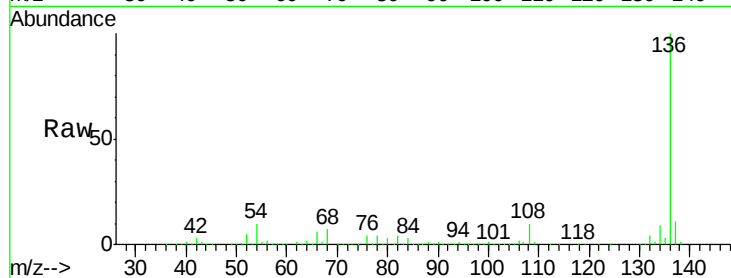




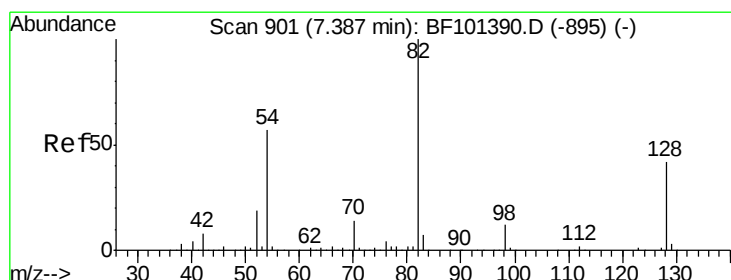
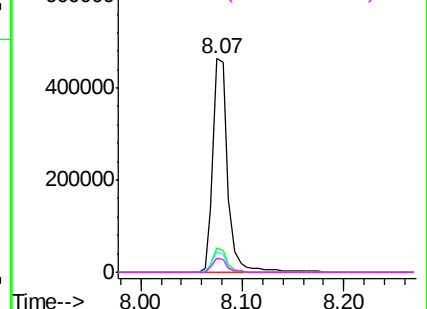
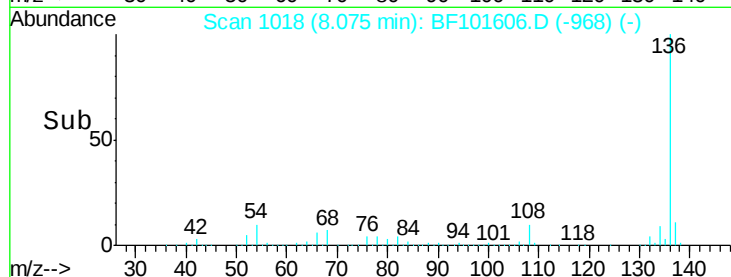
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101606.D
Acq: 21 Dec 2017 14:56

Instrument :
BNA_F
ClientSampleId :
DB-WATER

Tgt Ion:	136	Resp:	478436
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.6	9.8
68	6.9	5.0	7.4

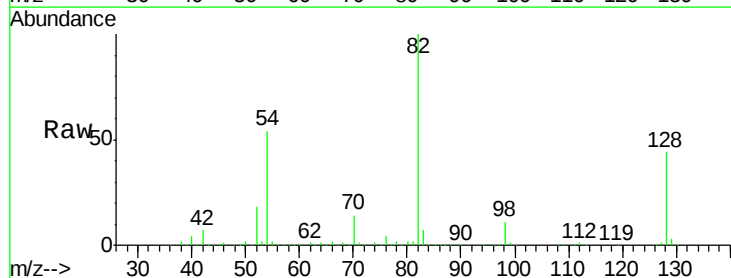


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

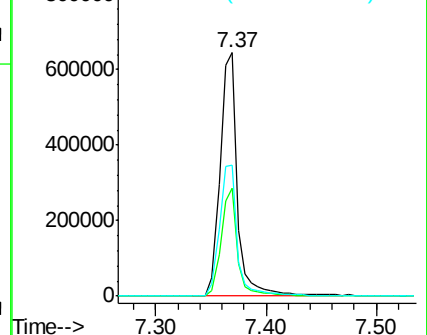
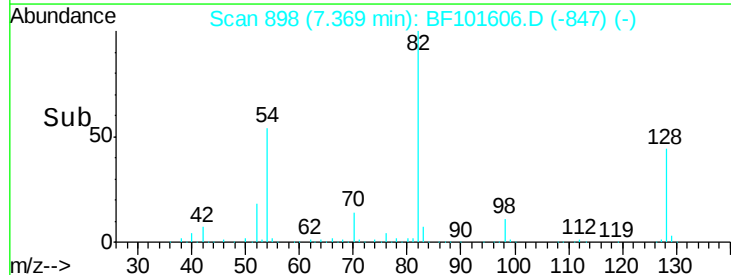


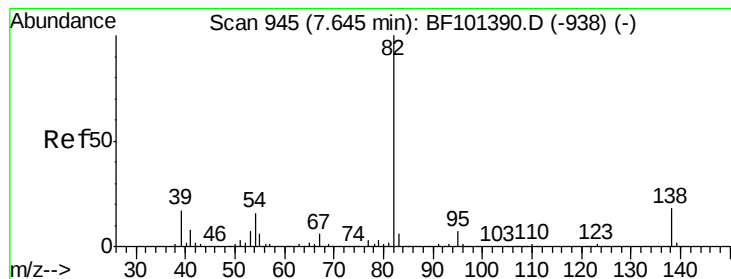
#23
Nitrobenzene-d5
Concen: 81.731 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101606.D
Acq: 21 Dec 2017 14:56

Tgt Ion:	82	Resp:	702464
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.742 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

Instrument :

BNA_F

ClientSampleId :

DB-WATER

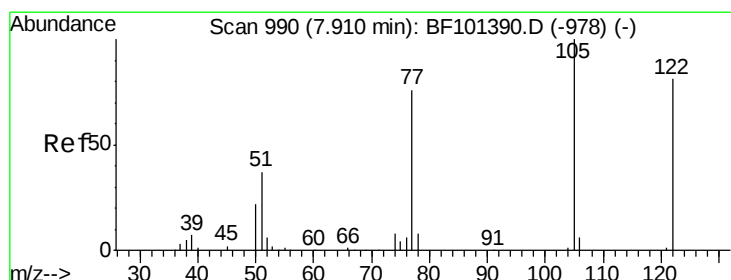
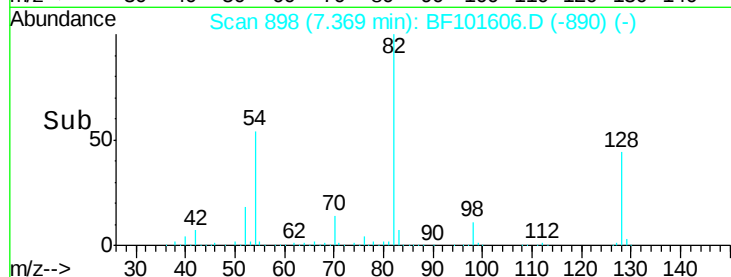
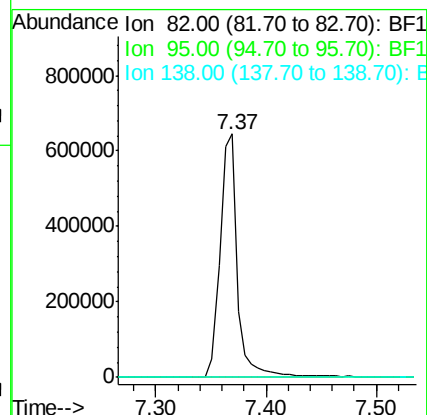
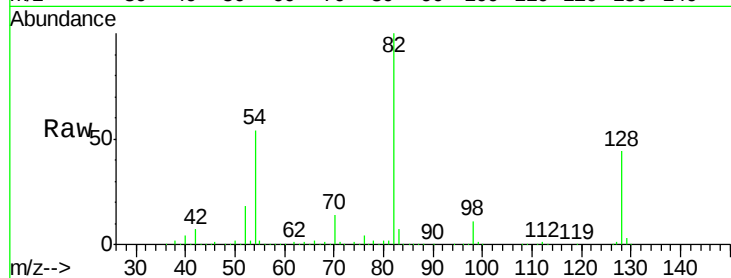
Tgt Ion: 82 Resp: 702464

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 8.179 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

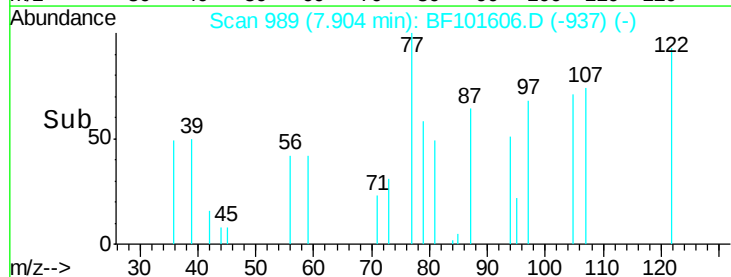
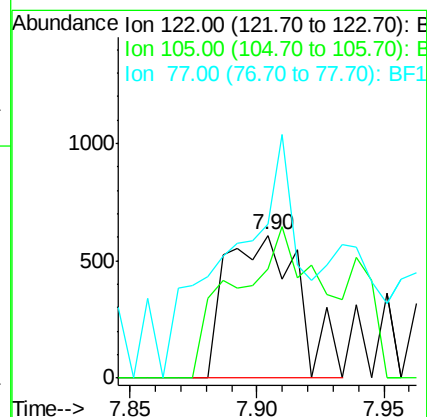
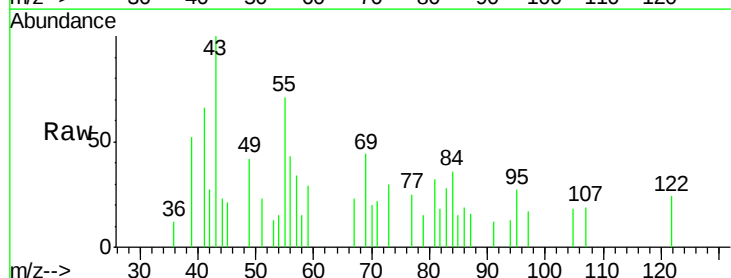
Tgt Ion: 122 Resp: 1222

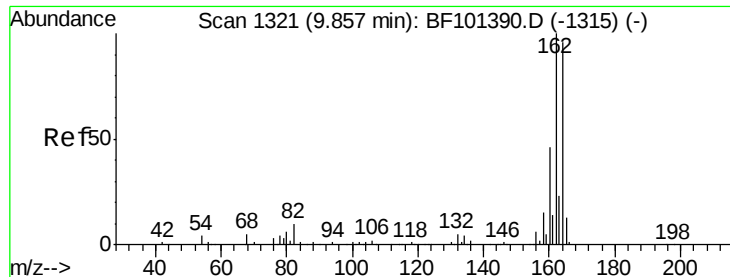
Ion Ratio Lower Upper

122 100

105 76.4 101.1 141.1#

77 107.2 70.7 110.7

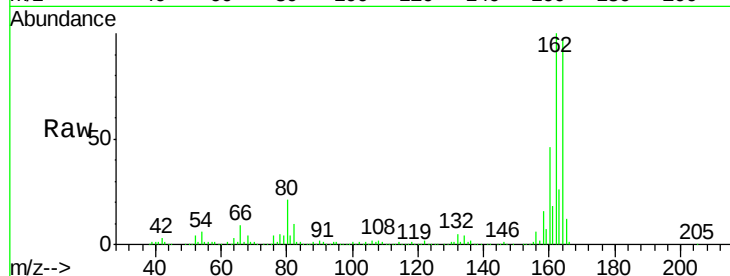




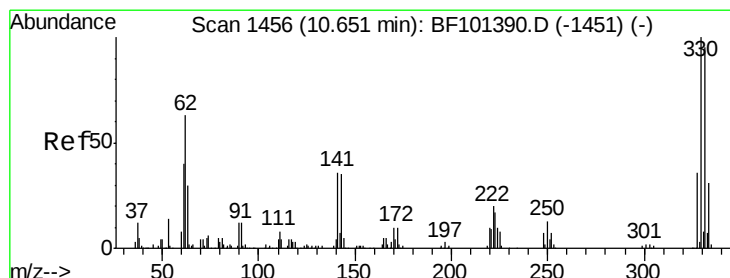
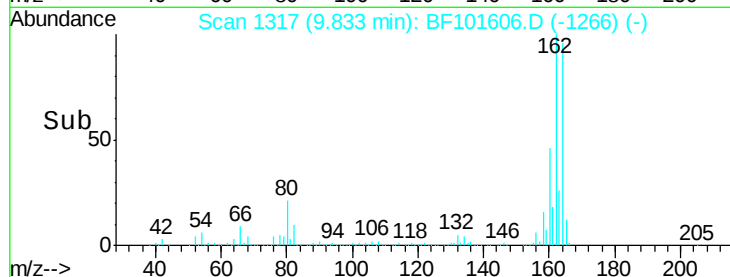
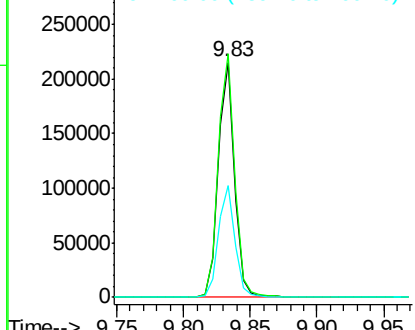
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 DB-WATER

Tgt Ion:164 Resp: 186108
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.8 38.3 57.5

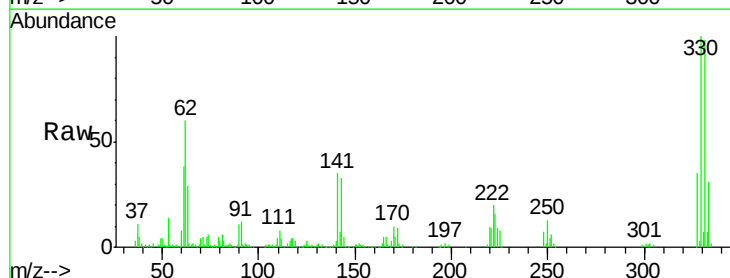


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

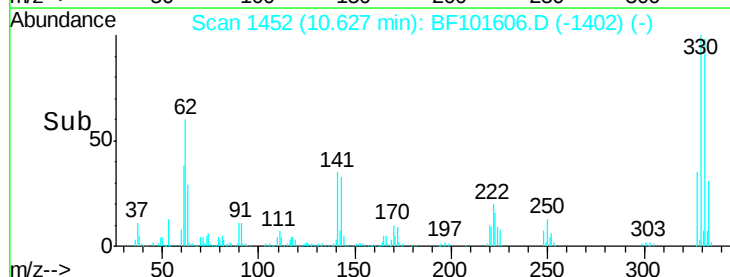
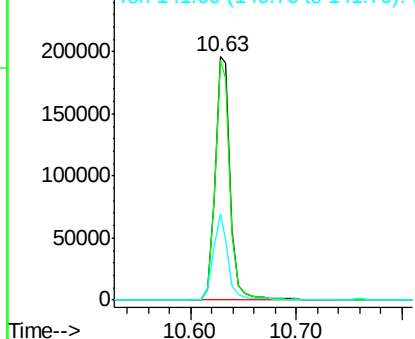


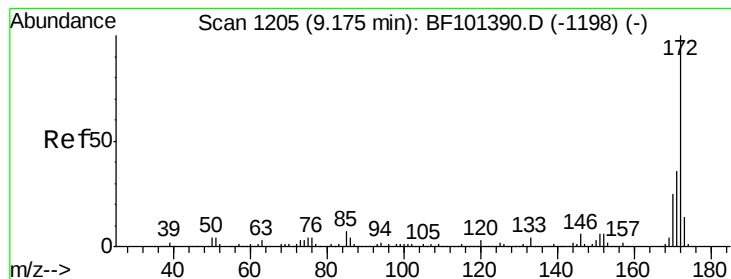
#41
 2,4,6-Tribromophenol
 Concen: 112.194 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

Tgt Ion:330 Resp: 201197
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.6 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 93.830 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

Instrument :

BNA_F

ClientSampleId :

DB-WATER

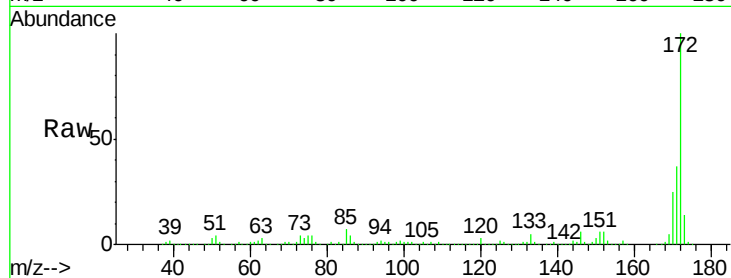
Tgt Ion:172 Resp: 1125713

Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

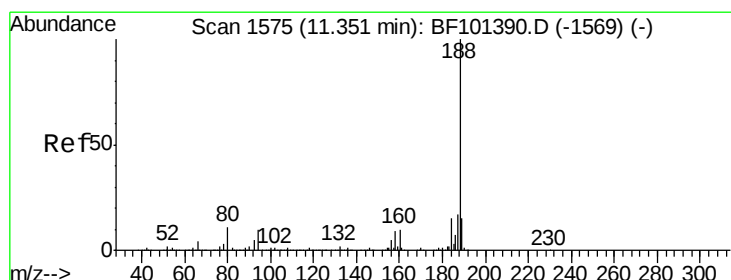
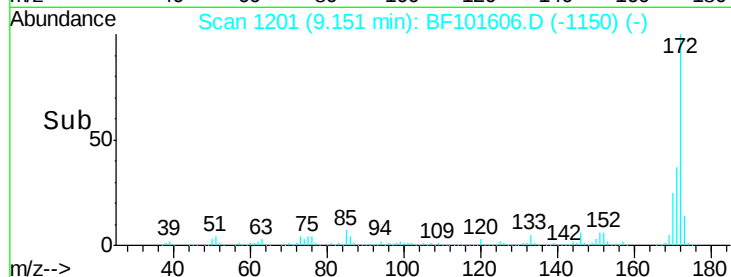
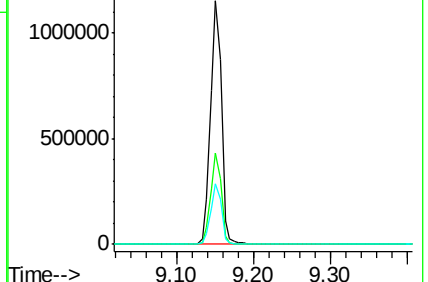
170 24.9 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101606.D

Acq: 21 Dec 2017 14:56

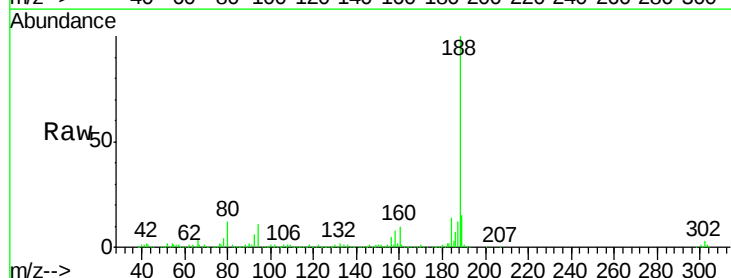
Tgt Ion:188 Resp: 300011

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

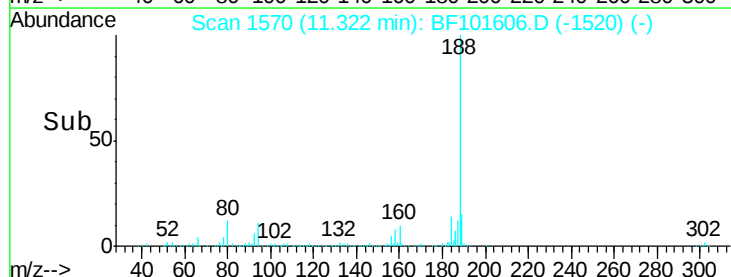
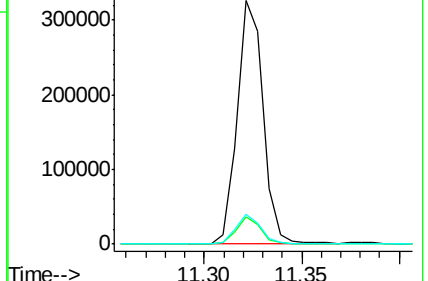
80 12.3 9.2 13.8

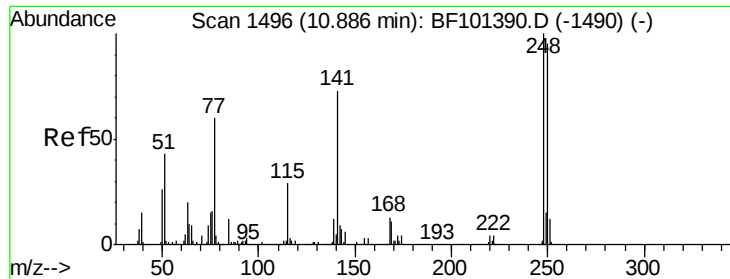


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

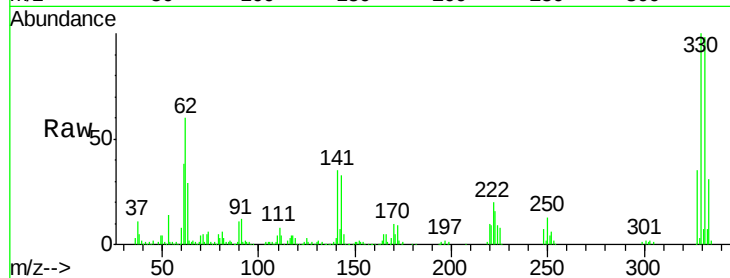




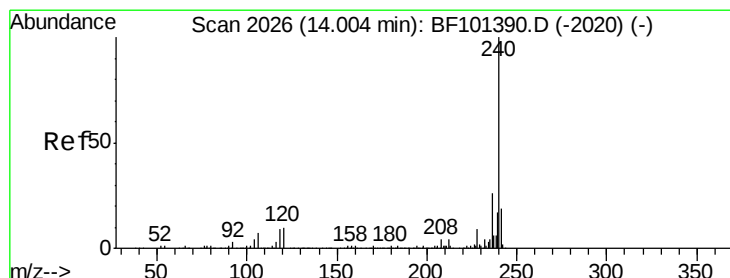
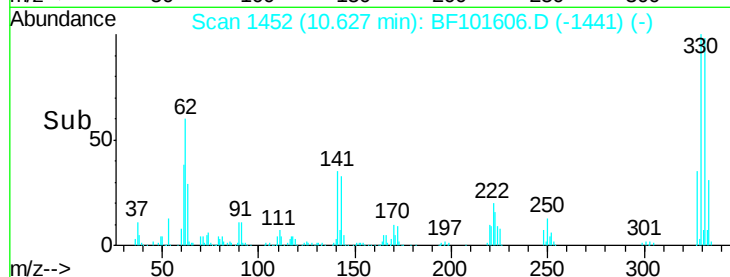
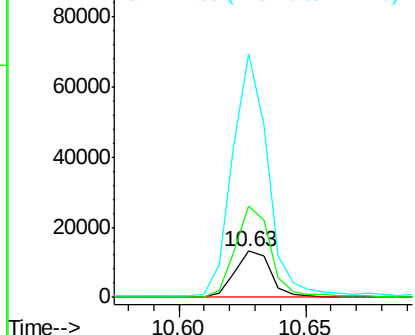
#66
4-Bromophenyl-phenylether
Concen: 3.784 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101606.D
Acq: 21 Dec 2017 14:56

Instrument :
BNA_F
ClientSampleId :
DB-WATER

Tgt Ion:248 Resp: 12757
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 527.3 74.4 111.6#

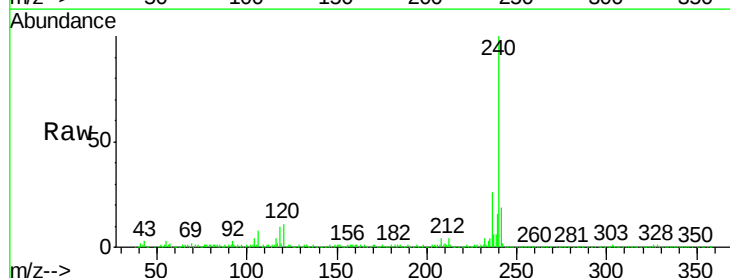


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

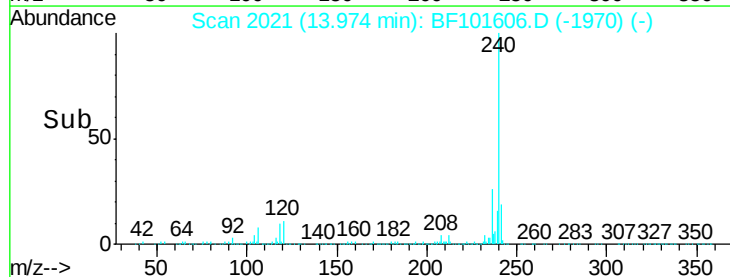
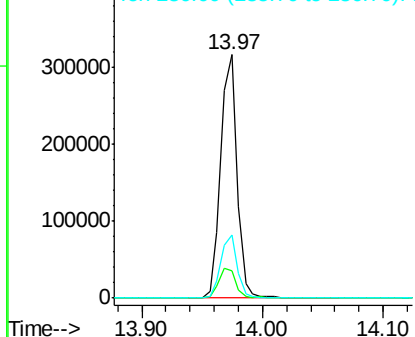


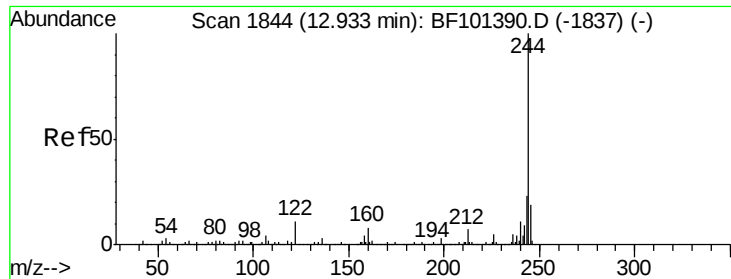
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101606.D
Acq: 21 Dec 2017 14:56

Tgt Ion:240 Resp: 291328
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.9 20.7 31.1



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

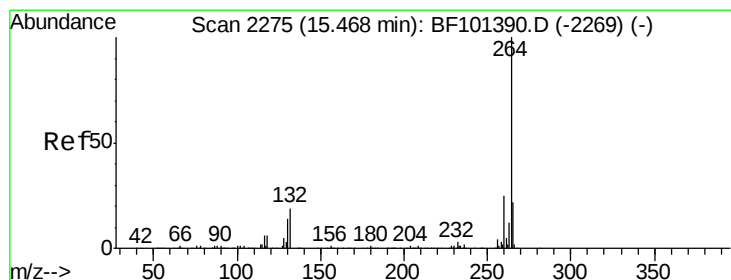
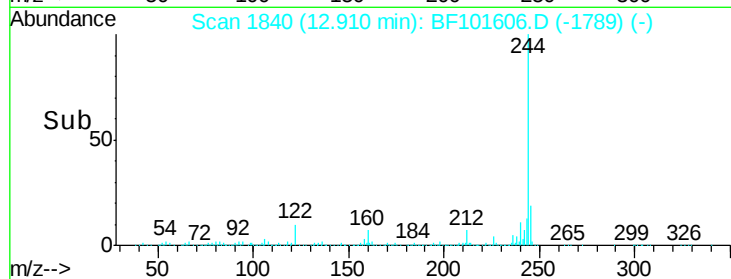
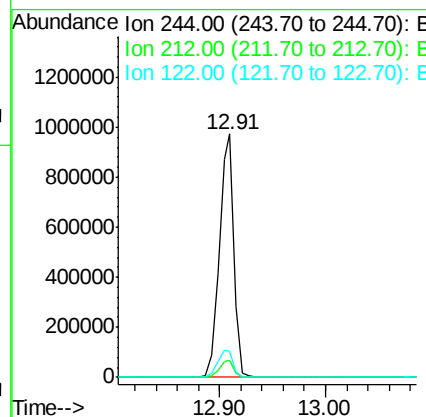
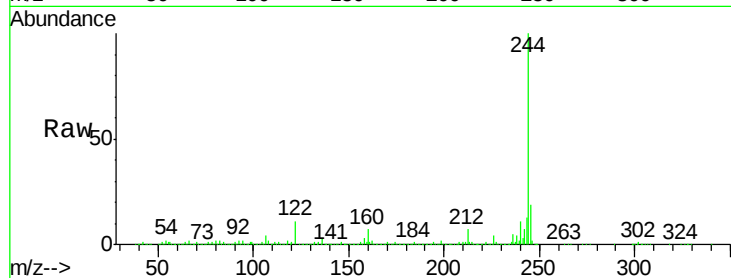




#78
 Terphenyl-d14
 Concen: 78.091 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 DB-WATER

Tgt Ion:244 Resp: 943685
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101606.D
 Acq: 21 Dec 2017 14:56

Tgt Ion:264 Resp: 253996
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

