

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111749.D
 Acq On : 27 Dec 2018 8:06
 Operator : JU/SJ
 Sample : J6496-01DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-1DL

Quant Time: Dec 27 12:17:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 11:05:37 2018
 Response via : Initial Calibration

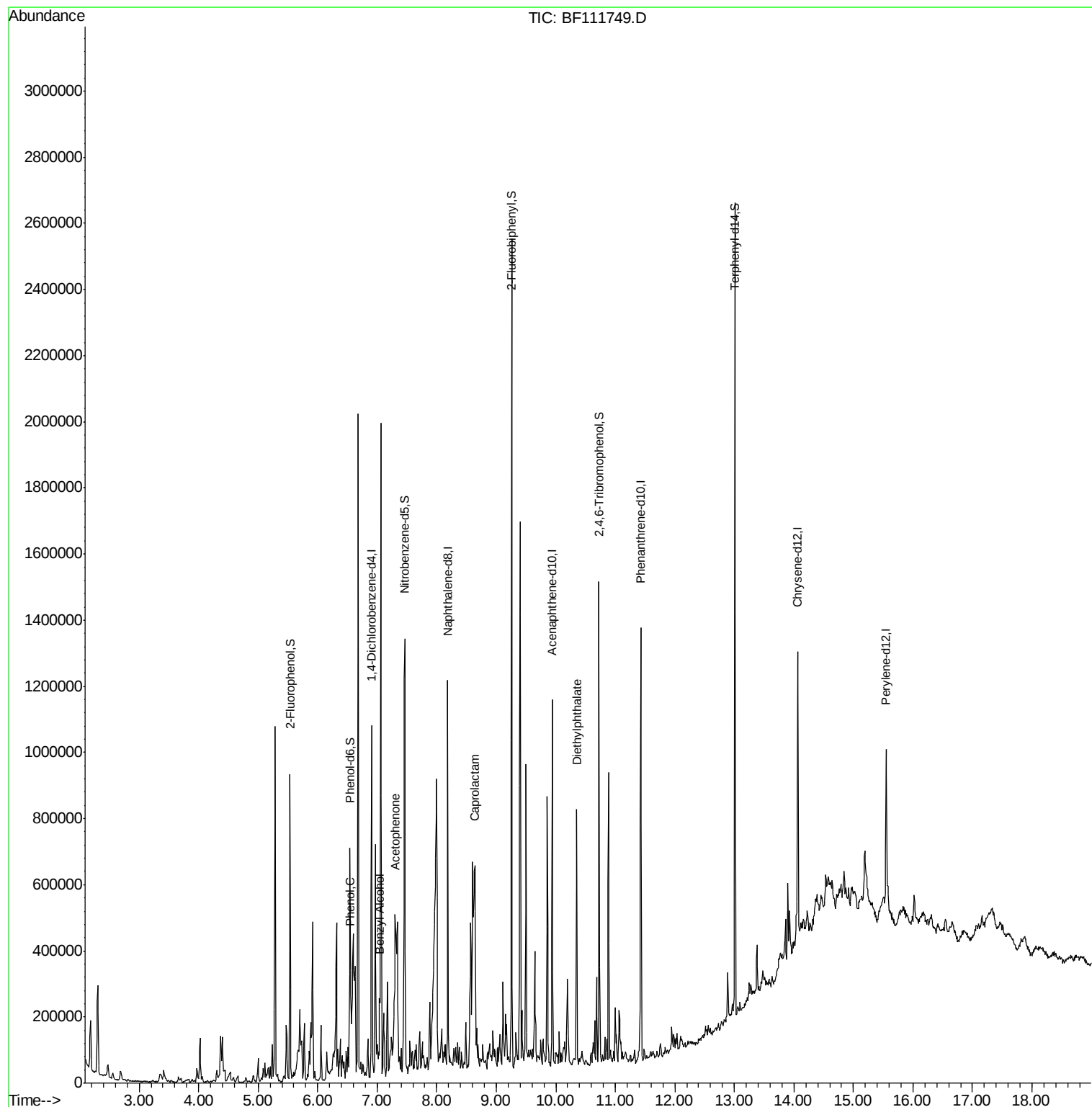
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128719	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	450034	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	210889	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	414687	20.00	ng	0.00
76) Chrysene-d12	14.06	240	302348	20.00	ng	0.00
87) Perylene-d12	15.55	264	237039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	250075	33.12	ng	0.00
7) Phenol-d6	6.54	99	187642	19.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	380275	49.19	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	170410	68.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	717269	49.57	ng	0.00
79) Terphenyl-d14	13.01	244	760578	47.71	ng	0.00
Target Compounds						
10) Phenol	6.56	94	33902	3.126	ng	95
15) Benzyl Alcohol	7.04	79	31364	4.109	ng	# 86
22) Acetophenone	7.30	105	44759	3.926	ng	# 87
35) Caprolactam	8.63	113	114334	48.422	ng	93
60) Diethylphthalate	10.35	149	130766	8.644	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

Instrument :

BNA_F

ClientSampleId :

WATER-1DL

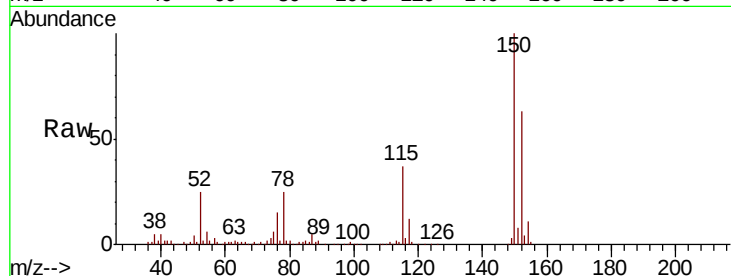
Tot Ion:152 Resp: 128719

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

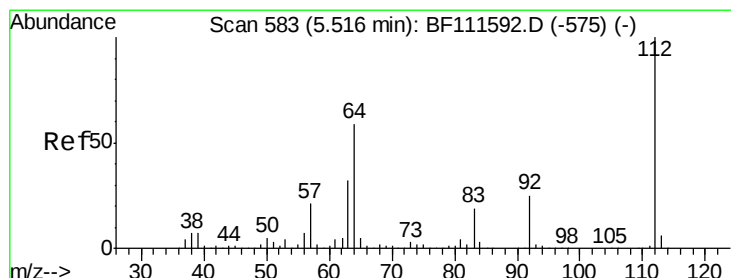
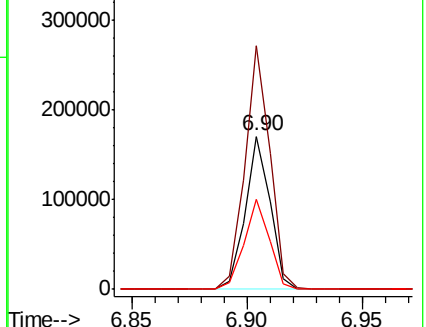
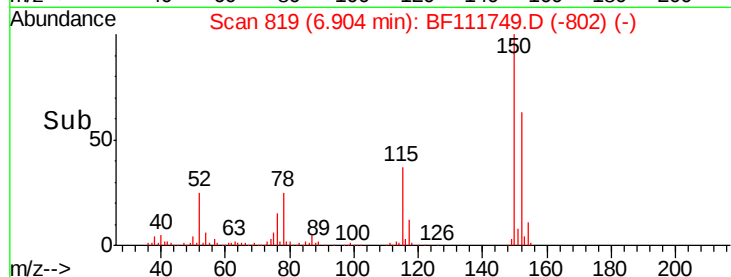
115 59.0 50.7 76.1



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



#5

2-Fluorophenol

Concen: 33.116 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

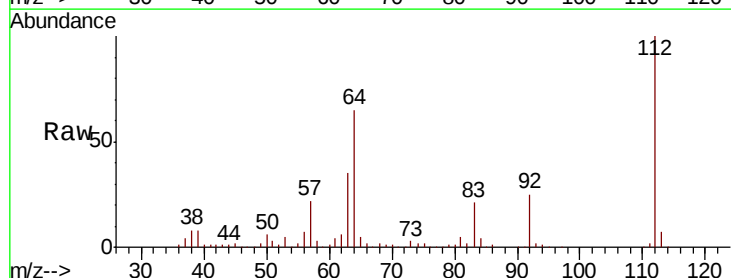
Tgt Ion:112 Resp: 250075

Ion Ratio Lower Upper

112 100

64 65.0 51.8 77.6

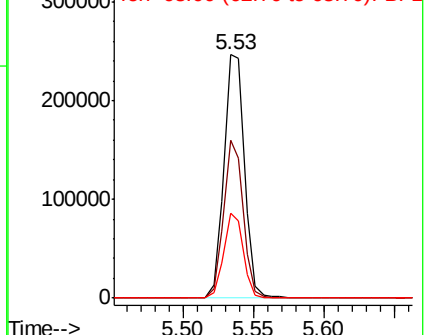
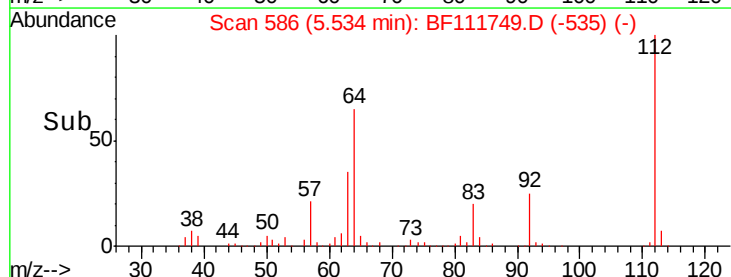
63 34.9 26.8 40.2

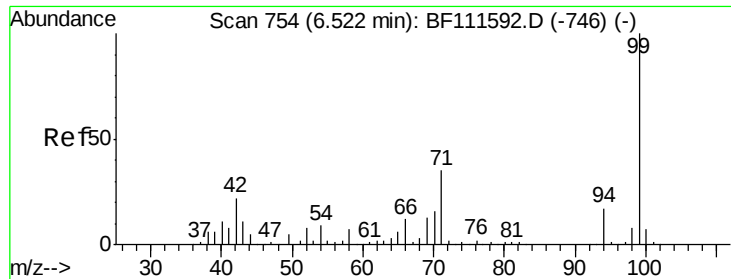


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.525 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

Instrument :

BNA_F

ClientSampled :

WATER-1DL

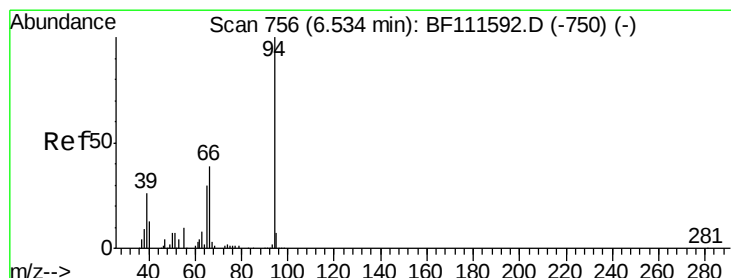
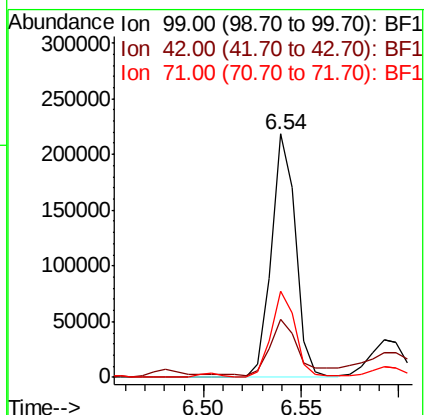
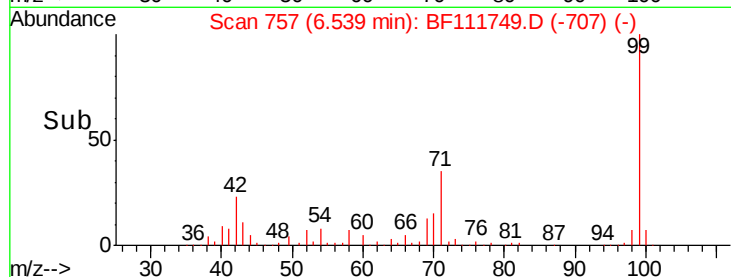
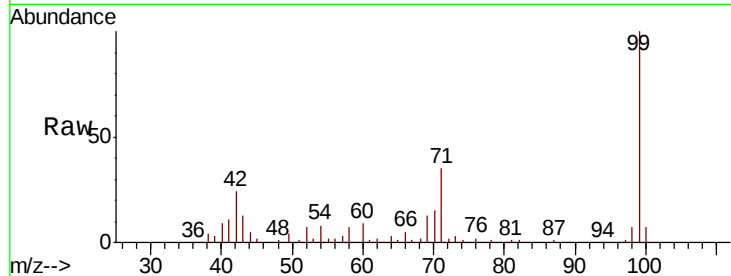
Tot Ion: 99 Resp: 187642

Ion Ratio Lower Upper

99 100

42 23.9 17.4 26.0

71 35.2 26.1 39.1



#10

Phenol

Concen: 3.126 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

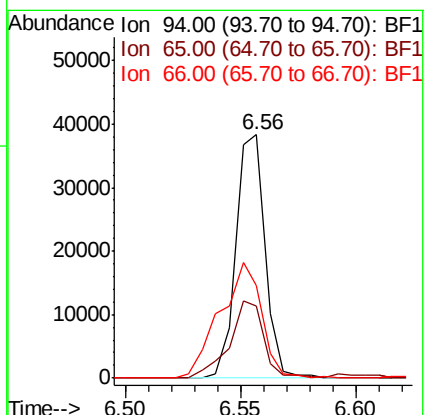
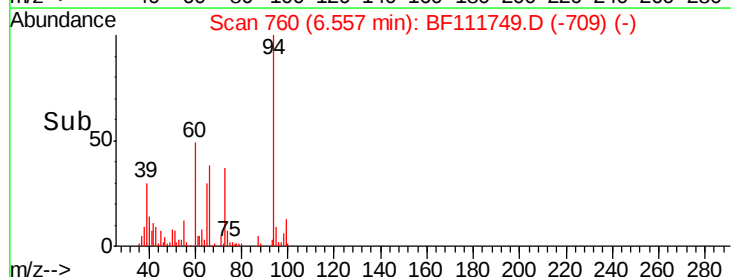
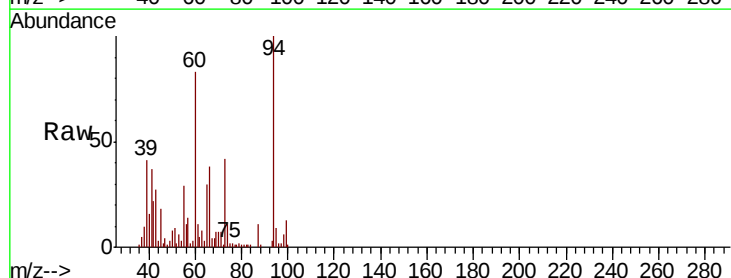
Tgt Ion: 94 Resp: 33902

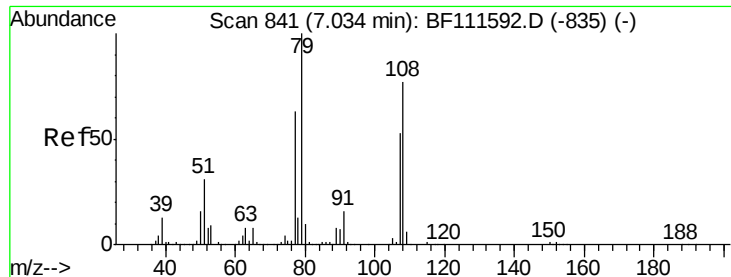
Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

66 37.8 21.0 61.0





#15

Benzyl Alcohol

Concen: 4.109 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

Instrument :

BNA_F

ClientSampleId :

WATER-1DL

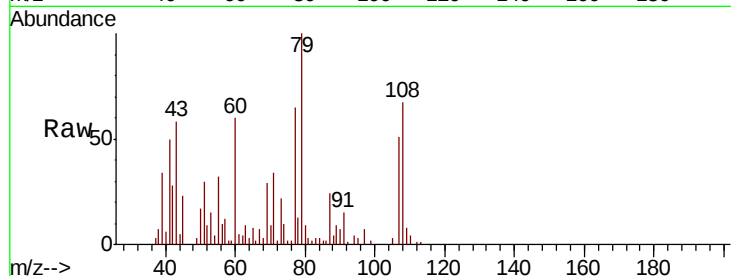
Tot Ion: 79 Resp: 31364

Ion Ratio Lower Upper

79 100

108 67.0 69.4 104.2#

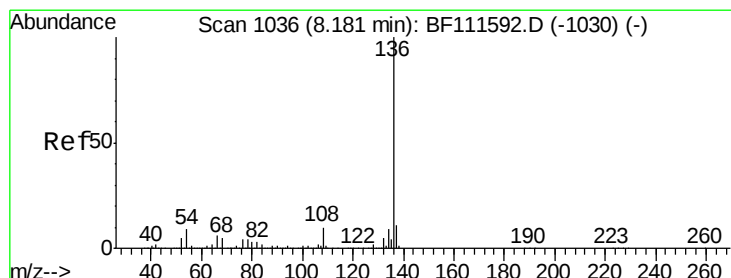
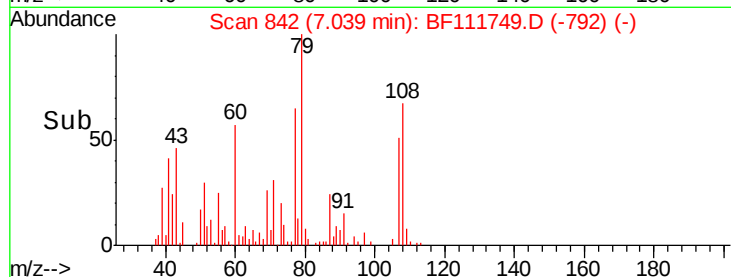
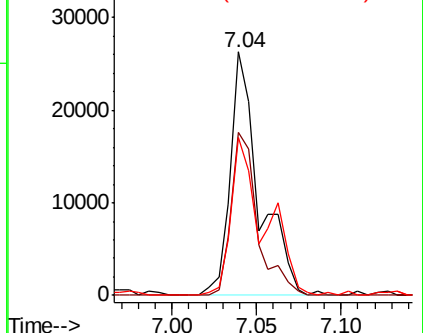
77 64.8 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

Tgt Ion: 136 Resp: 450034

Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.1 7.7 11.5

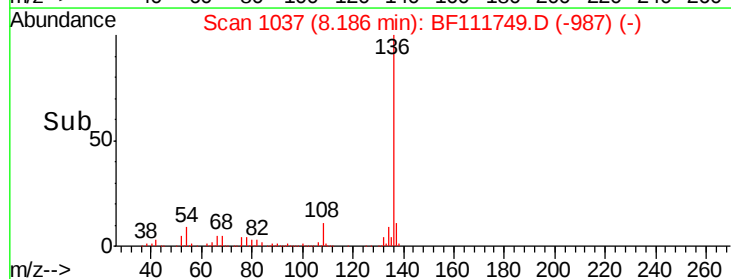
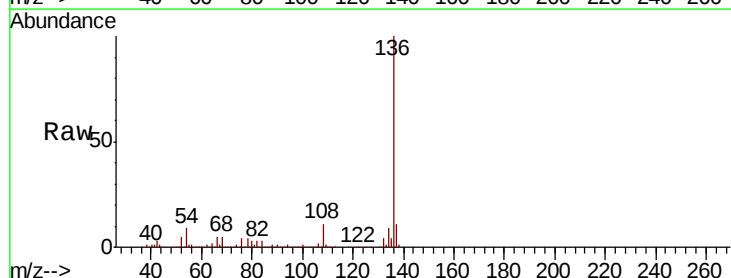
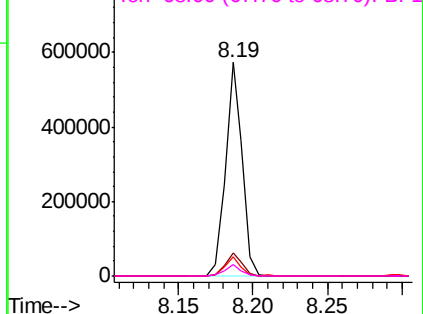
68 5.3 4.9 7.3

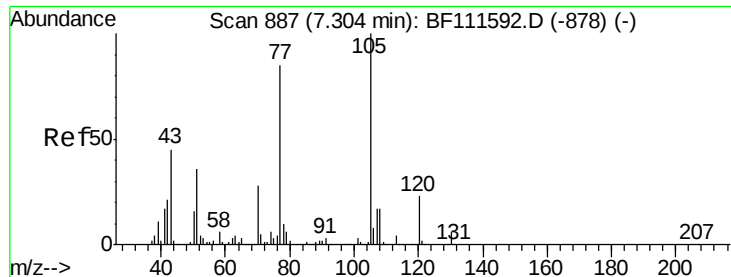
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 3.926 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

Instrument :

BNA_F

ClientSampleId :

WATER-1DL

Tot Ion:105 Resp: 44759

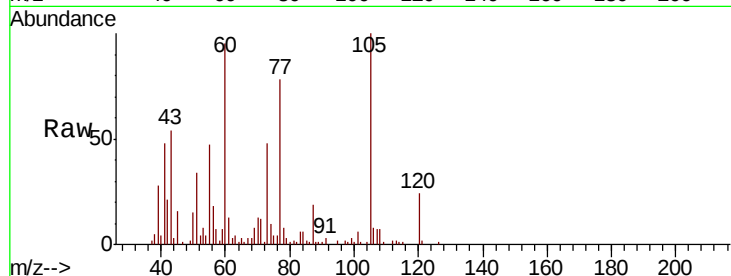
Ion Ratio Lower Upper

105 100

71 12.3 3.1 4.7#

51 33.6 36.6 54.8#

120 23.5 18.2 27.4

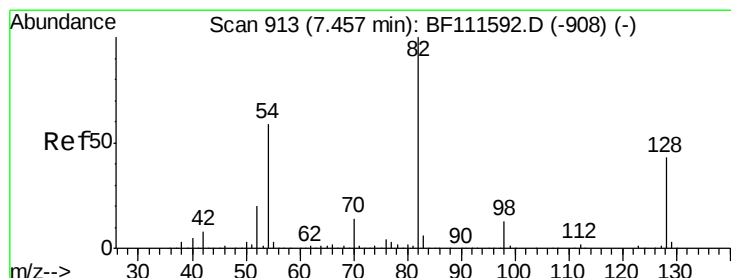
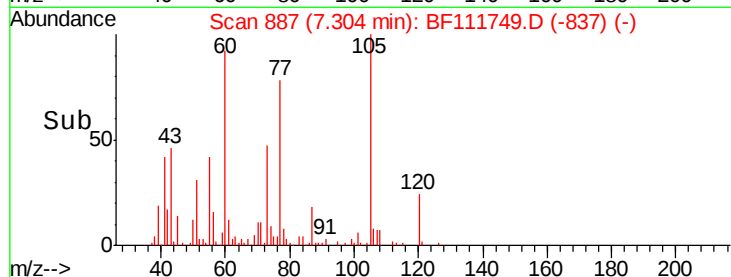
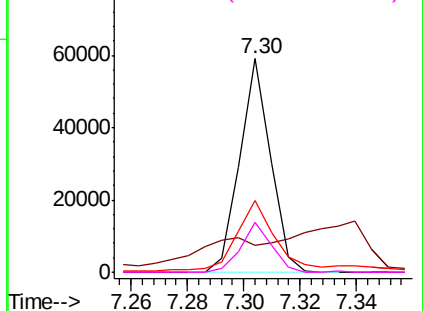


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 49.185 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF111749.D

Acq: 27 Dec 2018 8:06

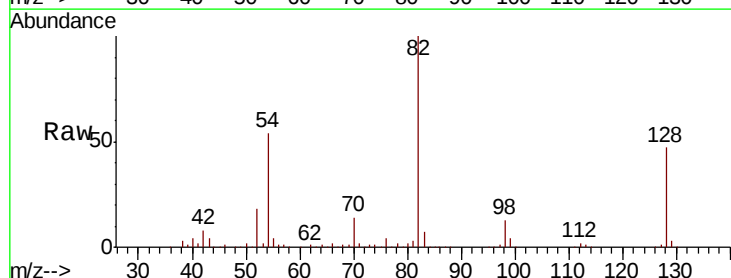
Tgt Ion: 82 Resp: 380275

Ion Ratio Lower Upper

82 100

128 46.5 37.4 56.2

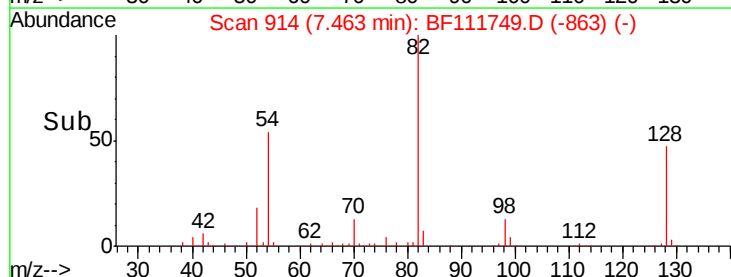
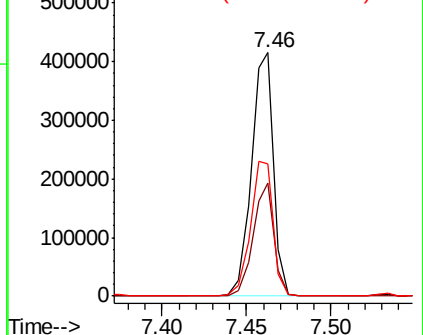
54 54.5 47.6 71.4

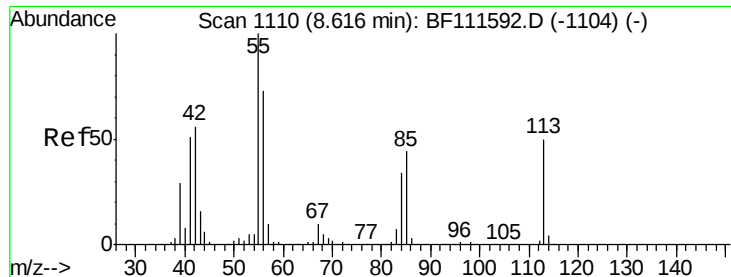


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

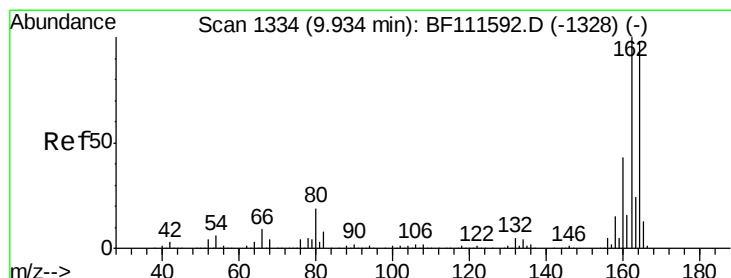
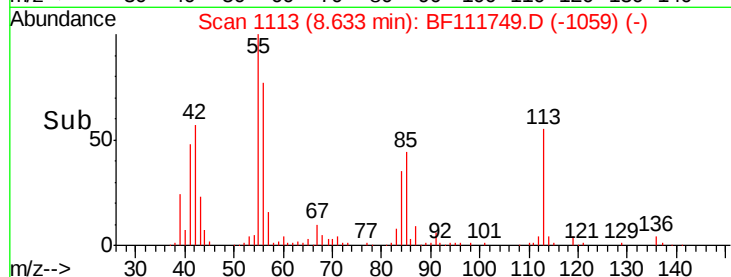
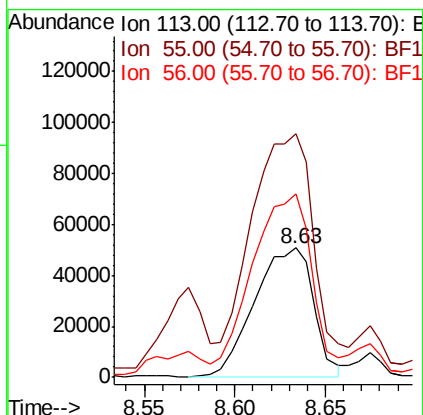
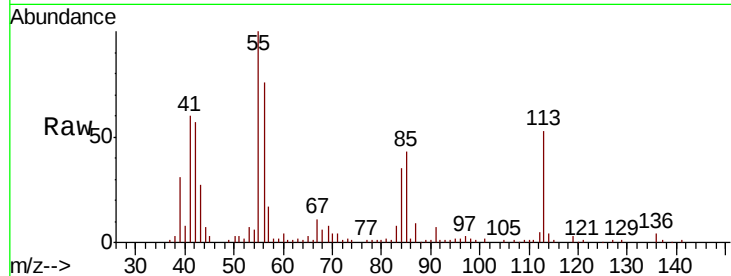




#35
 Caprolactam
 Concen: 48.422 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF111749.D
 Acq: 27 Dec 2018 8:06

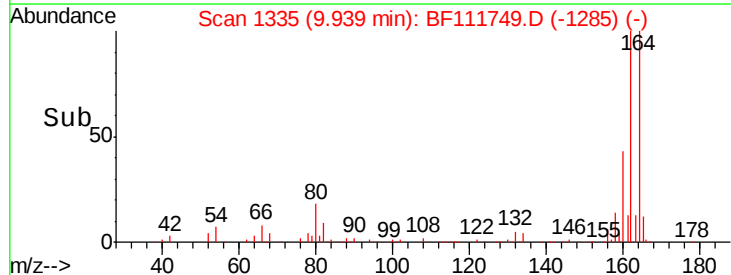
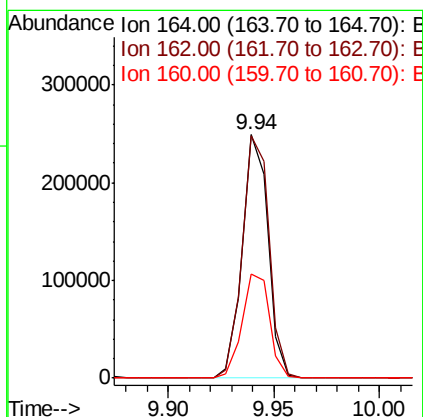
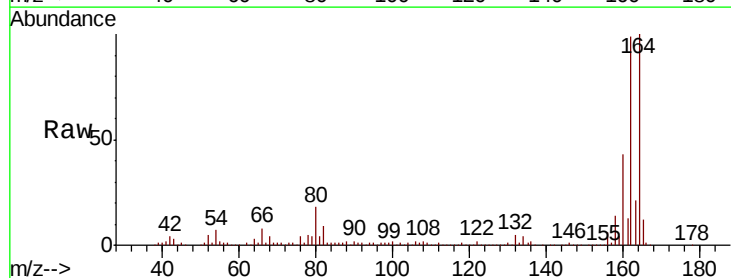
Instrument :
 BNA_F
 ClientSampleId :
 WATER-1DL

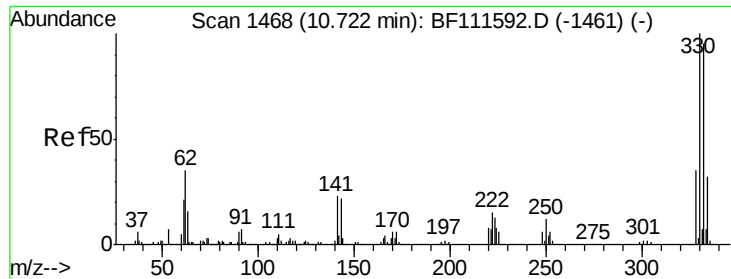
Tot Ion:113 Resp: 114334
 Ion Ratio Lower Upper
 113 100
 55 188.3 184.1 224.1
 56 142.3 126.0 166.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF111749.D
 Acq: 27 Dec 2018 8:06

Tgt Ion:164 Resp: 210889
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.4 122.0
 160 42.5 35.7 53.5

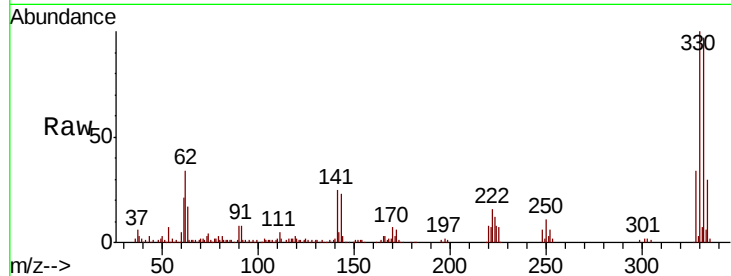




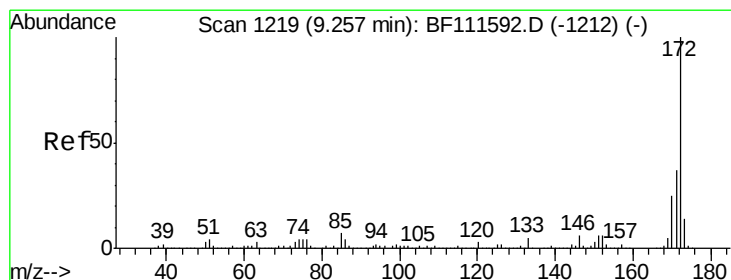
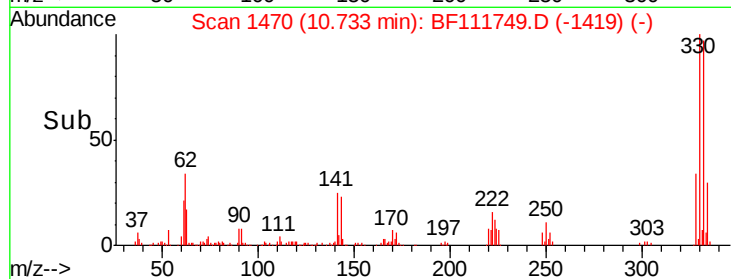
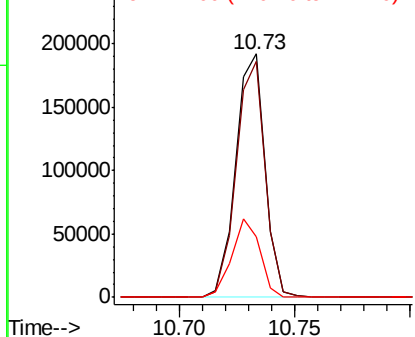
#42
 2,4,6-Tribromophenol
 Concen: 68.388 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF111749.D
 Acq: 27 Dec 2018 8:06

Instrument :
 BNA_F
 ClientSampleId :
 WATER-1DL

Tot Ion:330 Resp: 170410
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 31.0 31.0 46.6#

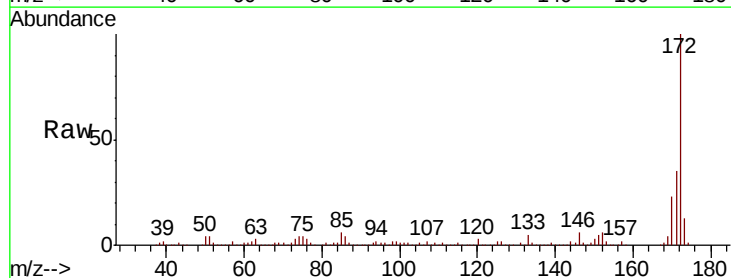


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

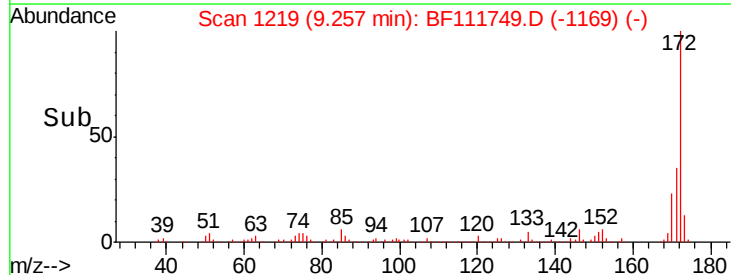
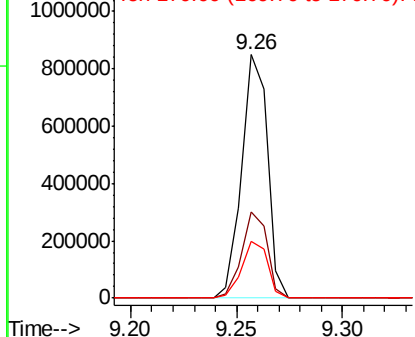


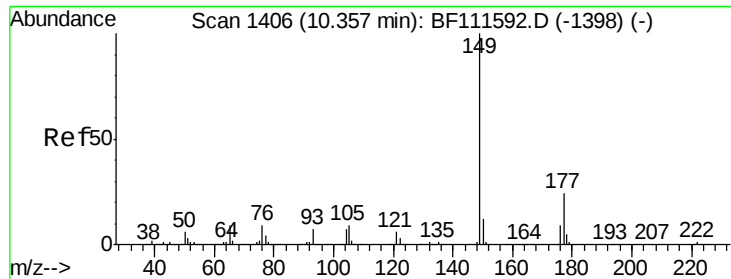
#45
 2-Fluorobiphenyl
 Concen: 49.575 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF111749.D
 Acq: 27 Dec 2018 8:06

Tgt Ion:172 Resp: 717269
 Ion Ratio Lower Upper
 172 100
 171 35.3 33.0 49.4
 170 23.3 22.3 33.5



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

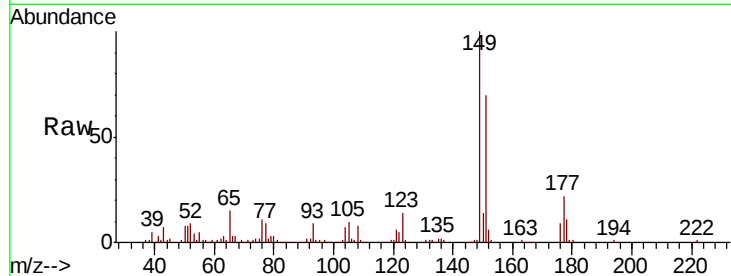




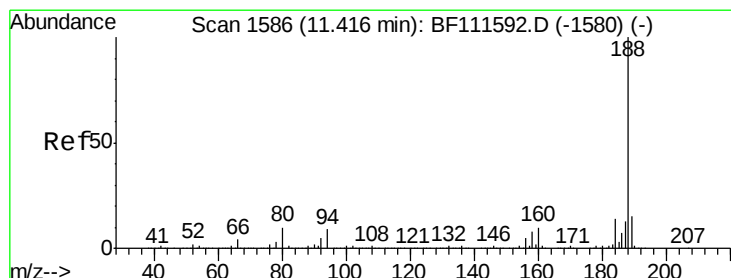
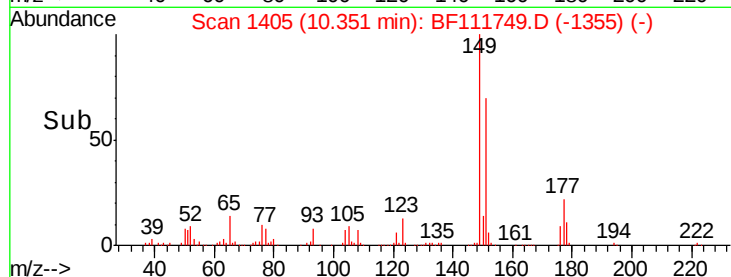
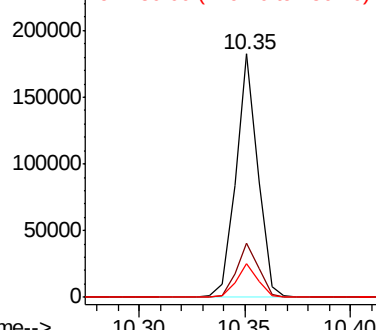
#60
Diethylphthalate
Concen: 8.644 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111749.D
Acq: 27 Dec 2018 8:06

Instrument :
BNA_F
ClientSampleId :
WATER-1DL

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	13.8	10.6	15.8

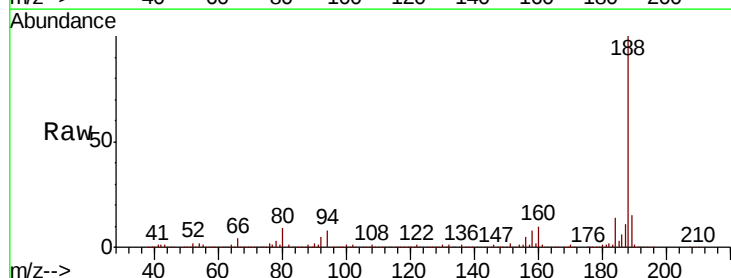


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

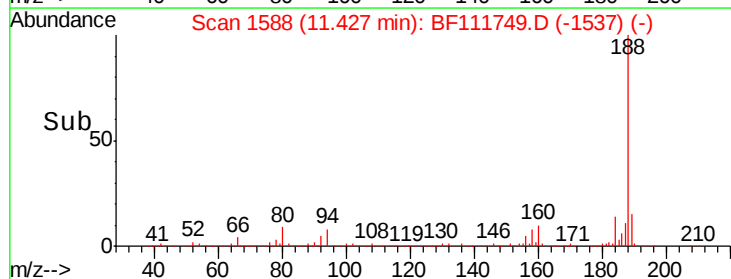
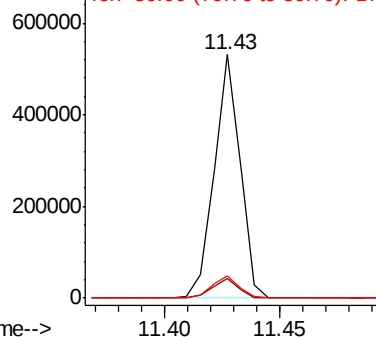


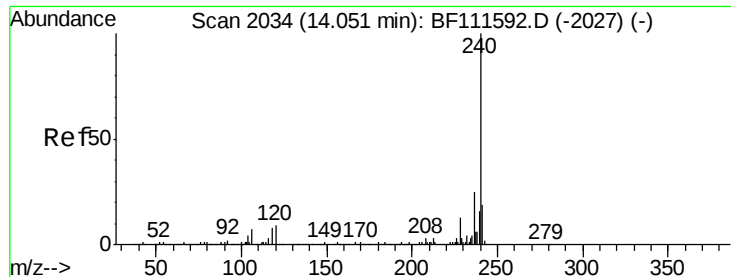
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF111749.D
Acq: 27 Dec 2018 8:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.6	14.4#
80	9.1	9.8	14.6#



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

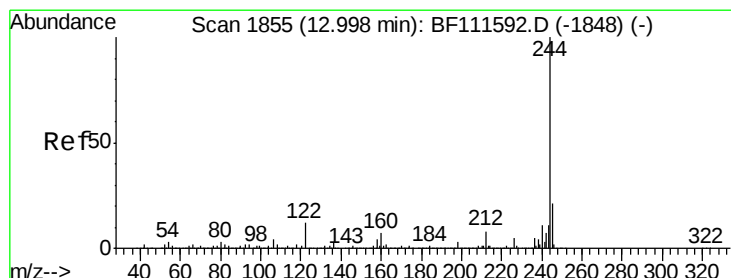
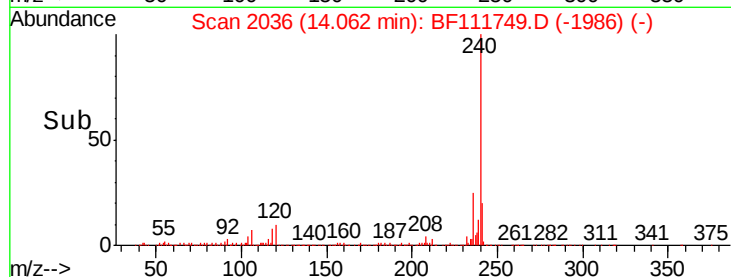
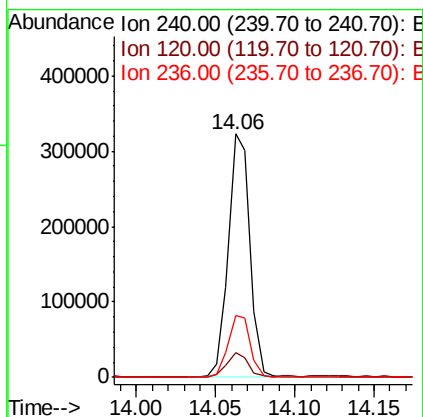
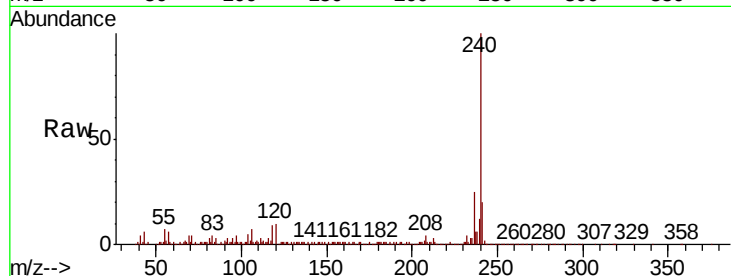




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111749.D
Acq: 27 Dec 2018 8:06

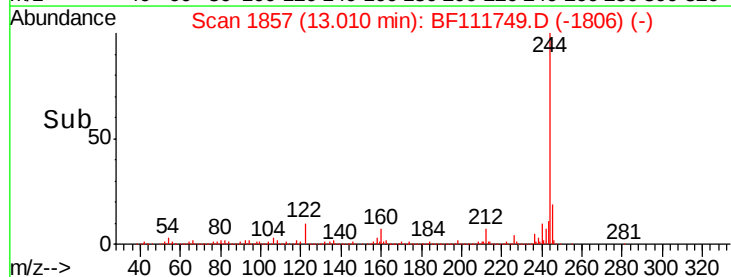
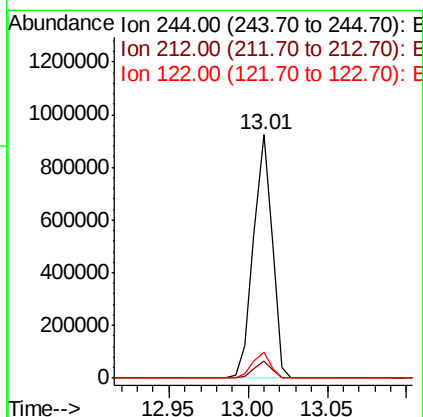
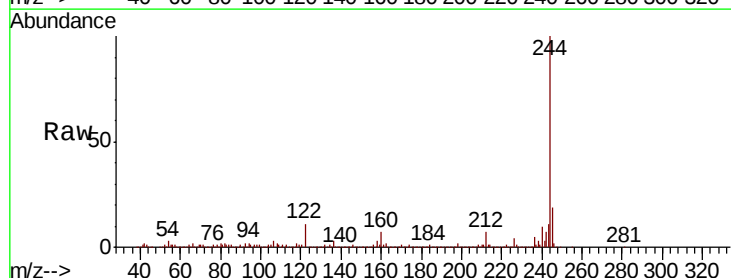
Instrument :
BNA_F
ClientSampleId :
WATER-1DL

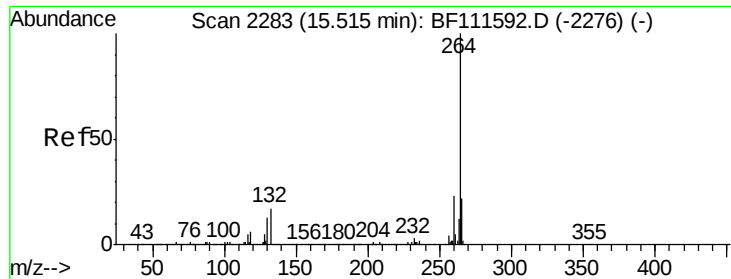
Tot Ion:240 Resp: 302348
Ion Ratio Lower Upper
240 100
120 10.3 12.2 18.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 47.706 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF111749.D
Acq: 27 Dec 2018 8:06

Tgt Ion:244 Resp: 760578
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.5 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF111749.D
Acq: 27 Dec 2018 8:06

Instrument :
BNA_F
ClientSampleId :
WATER-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.1	17.7	26.5

