

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104200.D
 Acq On : 4 Apr 2018 00:34
 Operator : JU/SJ
 Sample : J2183-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-8-WATER-LATERAL-1-SW@3.5

Quant Time: Apr 04 02:20:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

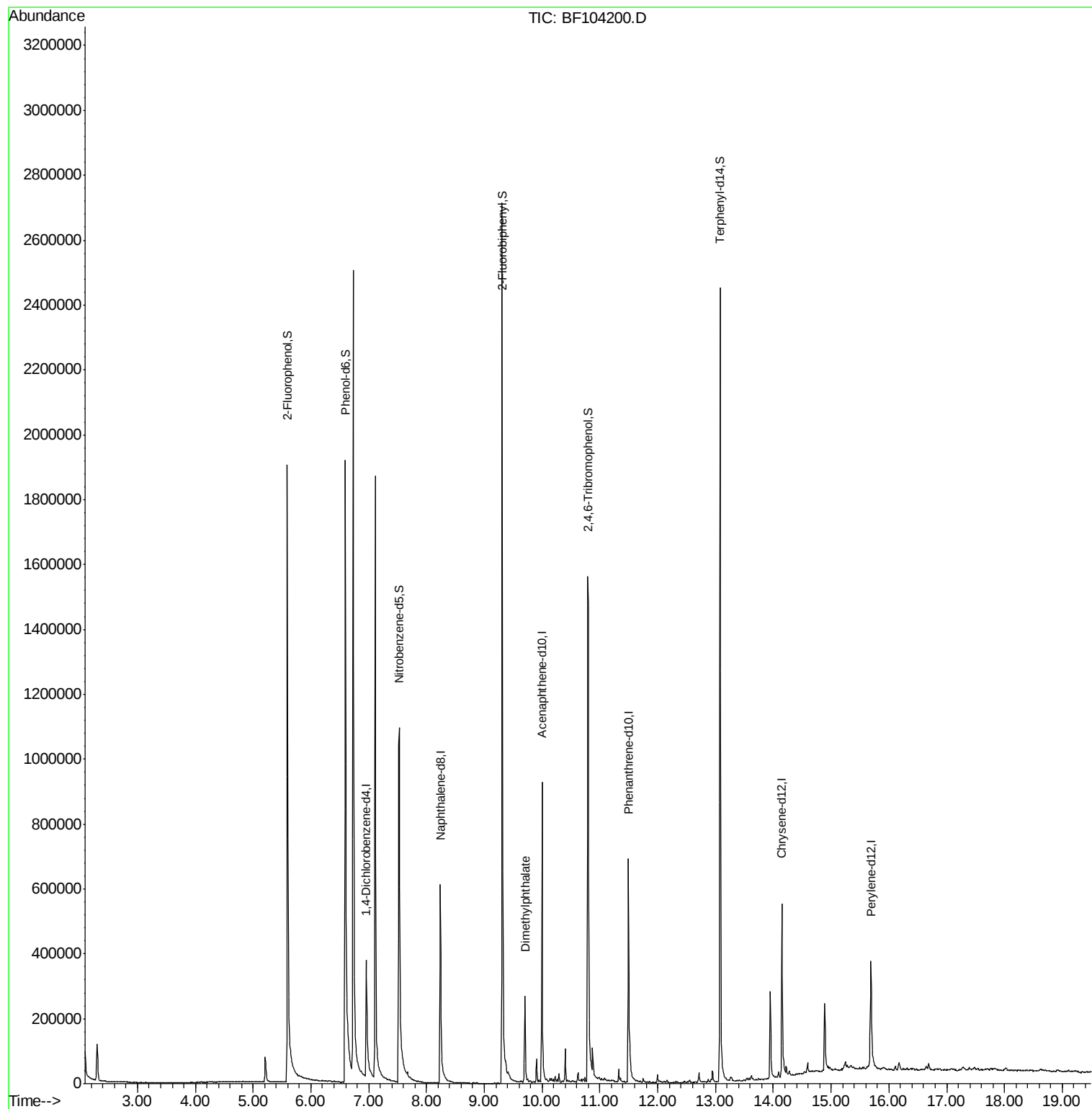
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105657	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	444399	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209748	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	372662	20.00	ng	0.00
75) Chrysene-d12	14.15	240	249334	20.00	ng	0.00
86) Perylene-d12	15.69	264	221518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	899782	135.81	ng	0.00
7) Phenol-d6	6.60	99	1167593	143.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	682808	93.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	289663	124.02	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1128870	84.87	ng	0.00
78) Terphenyl-d14	13.08	244	1033446	95.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	143627	8.673	ng	Qvalue 99

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

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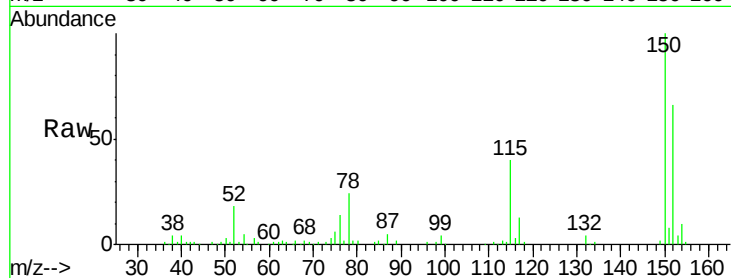


#1

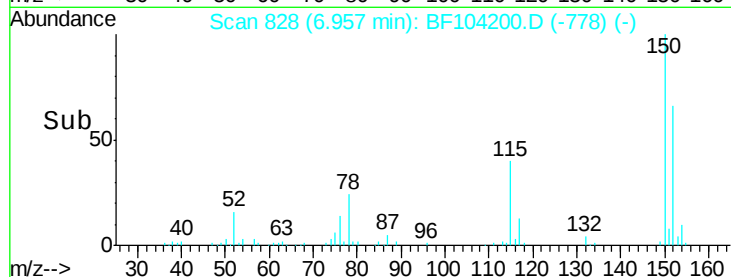
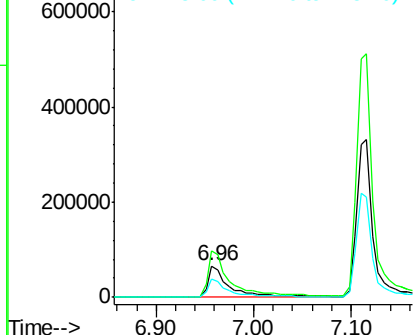
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-1-SW@3.5

Tot Ion:152 Resp: 105657
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 60.1 50.1 75.1



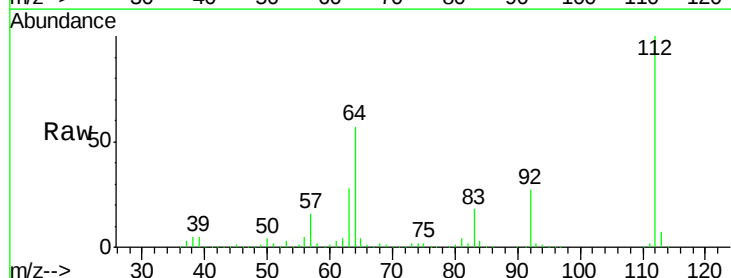
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



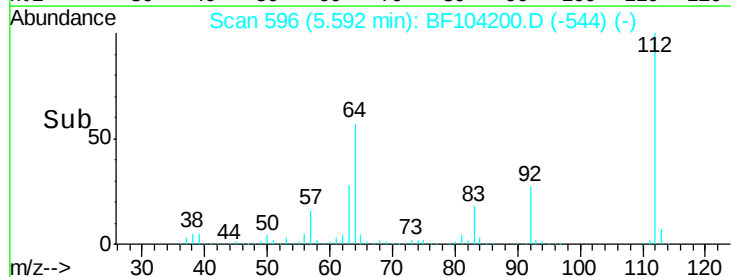
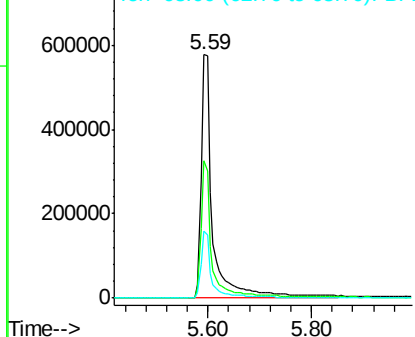
#5

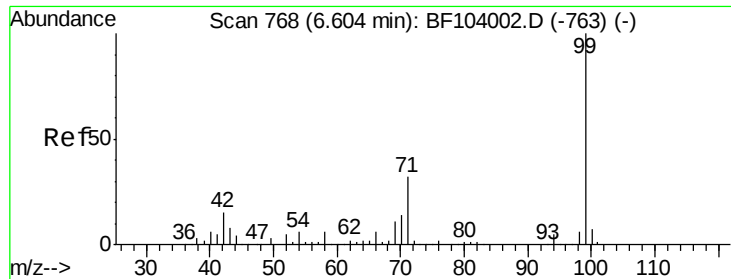
2-Fluorophenol
Concen: 135.810 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:112 Resp: 899782
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.6 23.7 35.5



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: 143.243 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampleId :

ES-8-WATER-LATERAL-1-SW@3.5

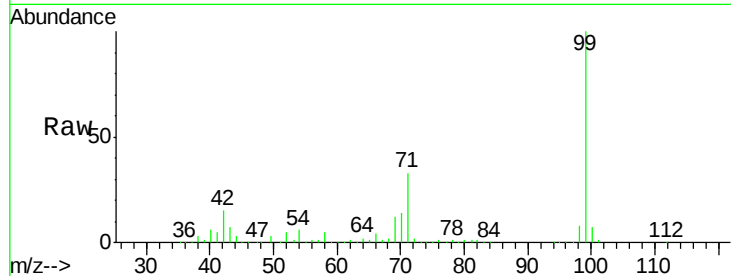
Tot Ion: 99 Resp: 1167593

Ion Ratio Lower Upper

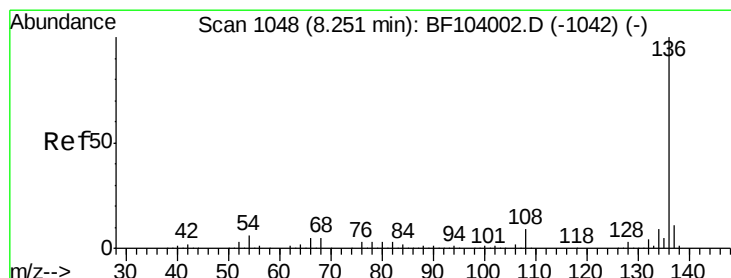
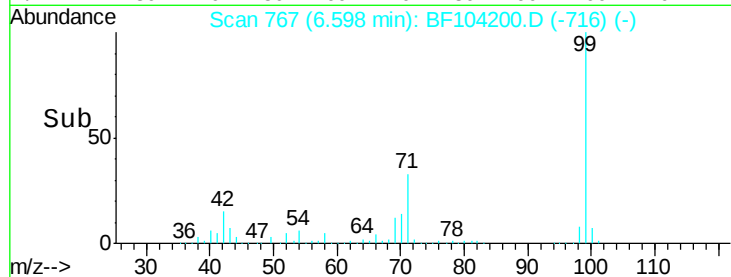
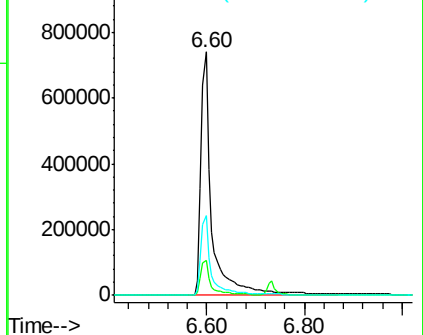
99 100

42 14.6 14.5 21.7

71 32.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Tgt Ion: 136 Resp: 444399

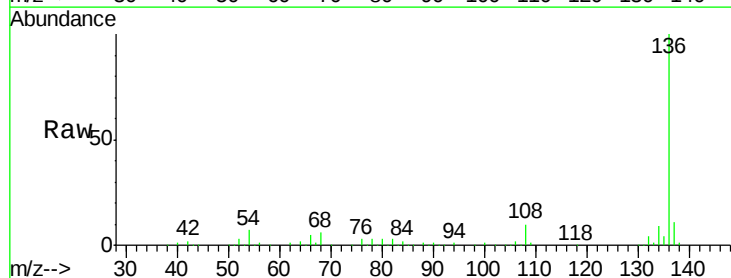
Ion Ratio Lower Upper

136 100

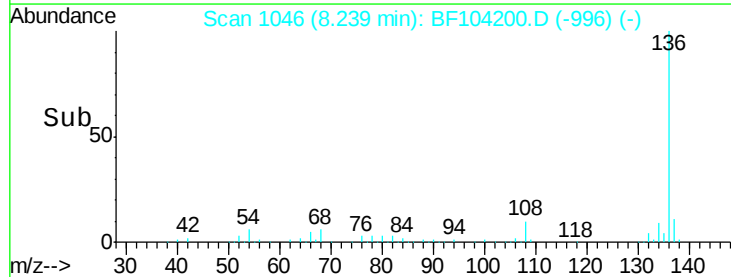
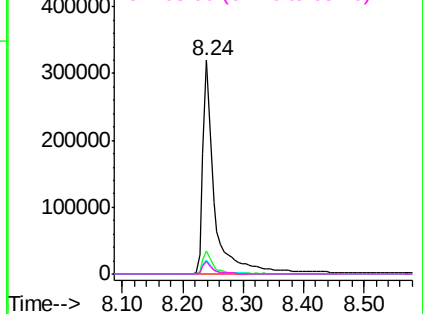
137 10.6 8.9 13.3

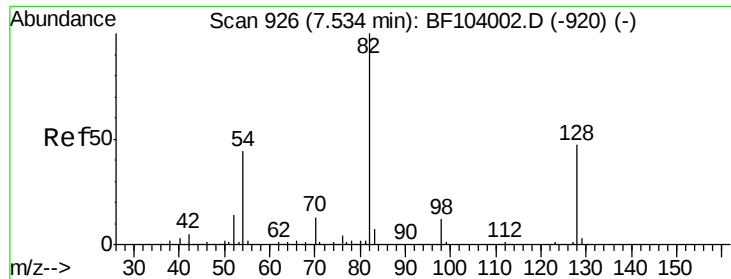
54 6.5 6.6 9.8#

68 5.9 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

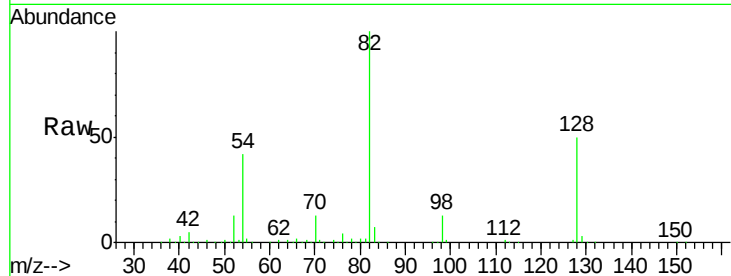




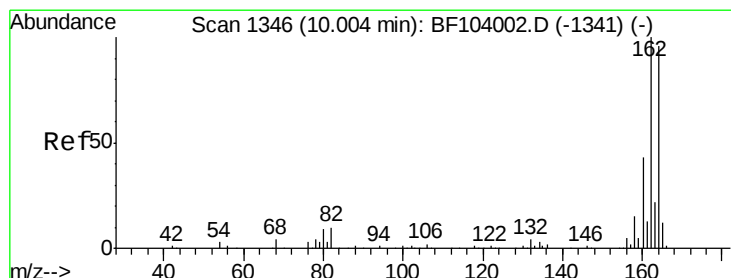
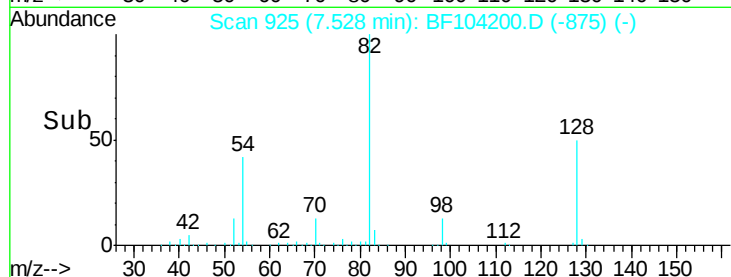
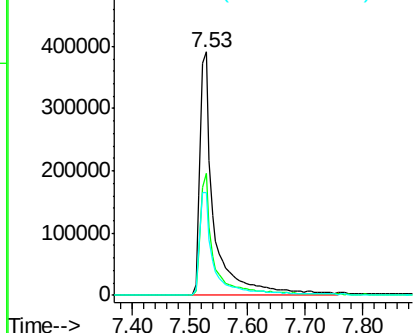
#23
Nitrobenzene-d5
Concen: 93.964 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-1-SW@3.5

Tot Ion: 82 Resp: 682808
Ion Ratio Lower Upper
82 100
128 49.9 36.1 54.1
54 42.4 41.4 62.2

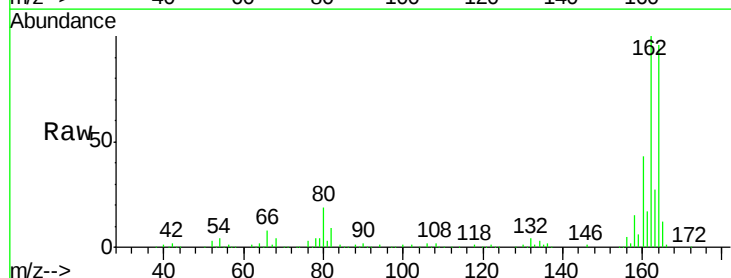


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

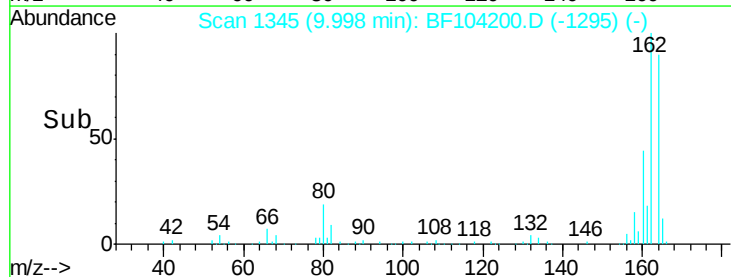
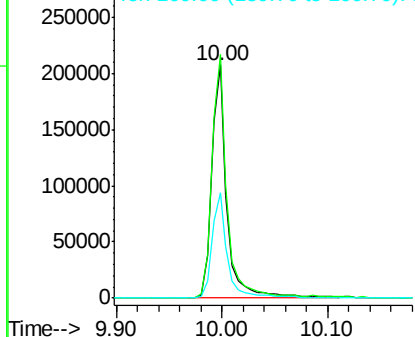


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104200.D
Acq: 4 Apr 2018 00:34

Tgt Ion:164 Resp: 209748
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.4 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: 124.024 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampleId :

ES-8-WATER-LATERAL-1-SW@3.5

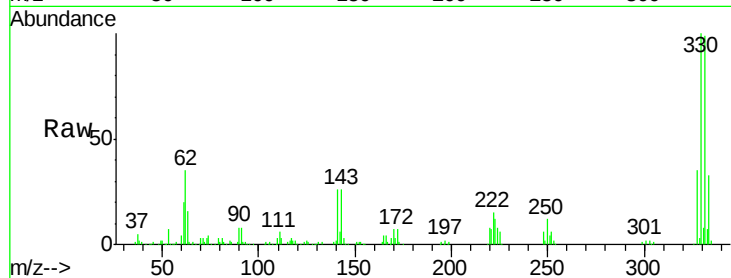
Tot Ion:330 Resp: 289663

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

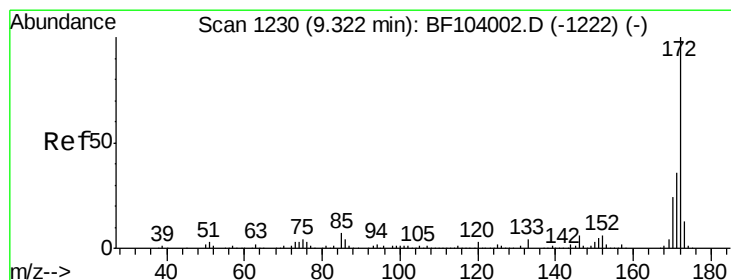
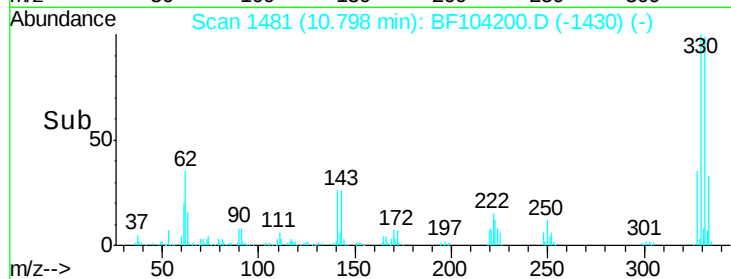
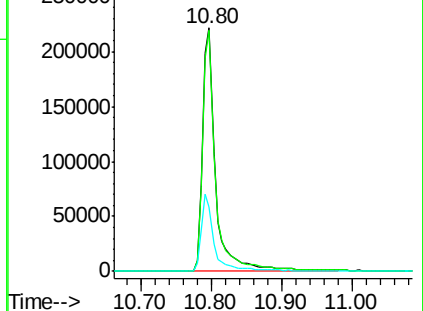
141 31.9 29.9 44.9



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: 84.870 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

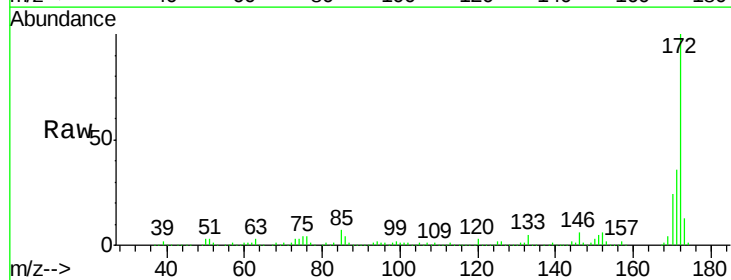
Tgt Ion:172 Resp: 1128870

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

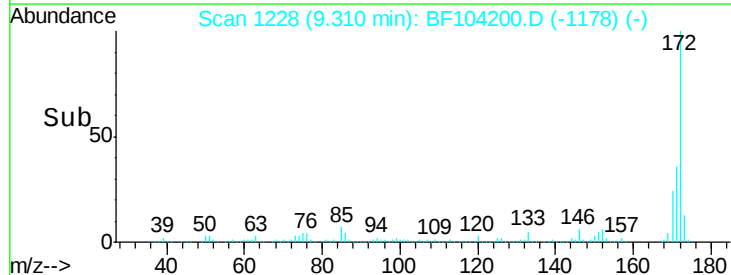
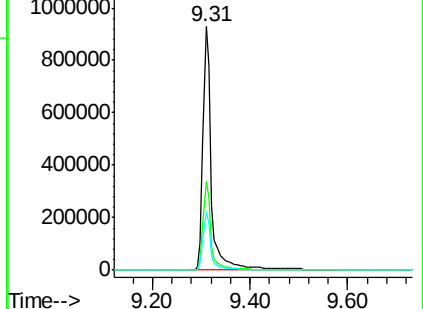
170 23.7 19.6 29.4

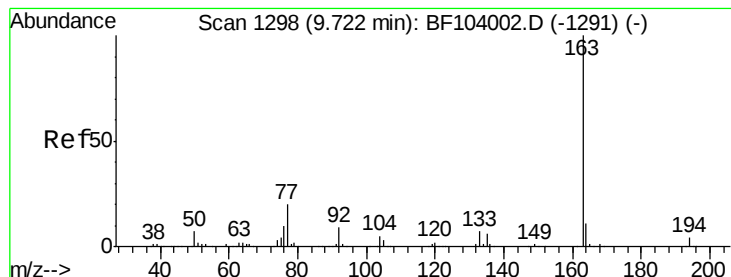


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.673 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampleId :

ES-8-WATER-LATERAL-1-SW@3.5

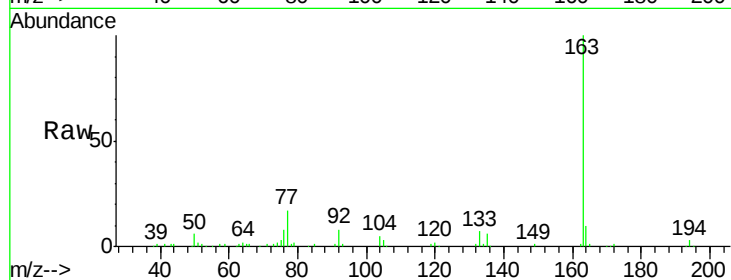
Tot Ion:163 Resp: 143627

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

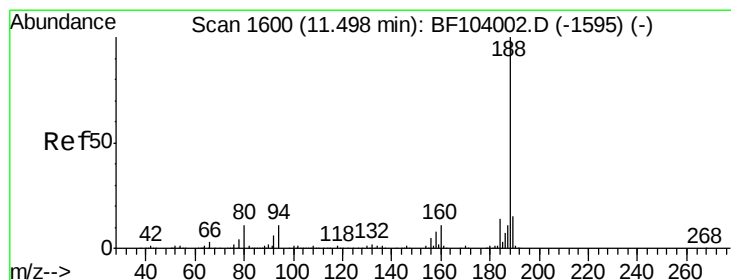
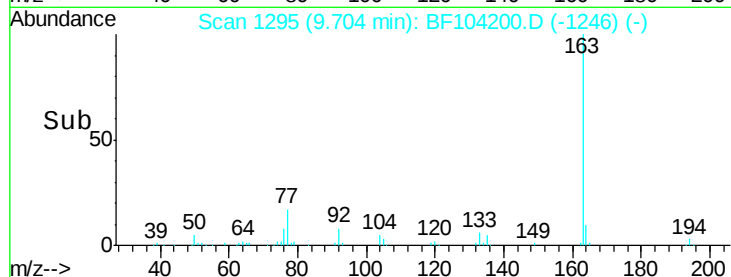
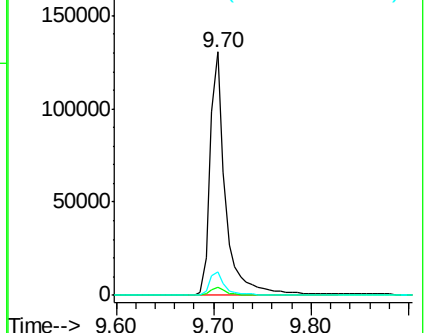
164 9.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

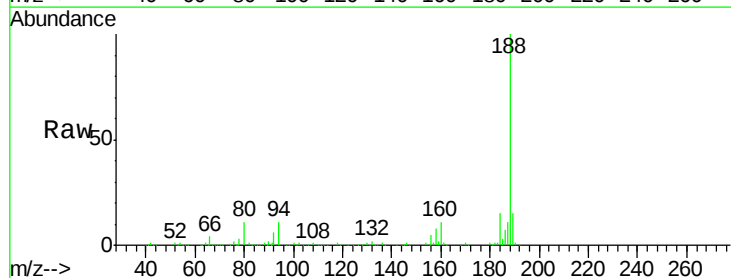
Tgt Ion:188 Resp: 372662

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

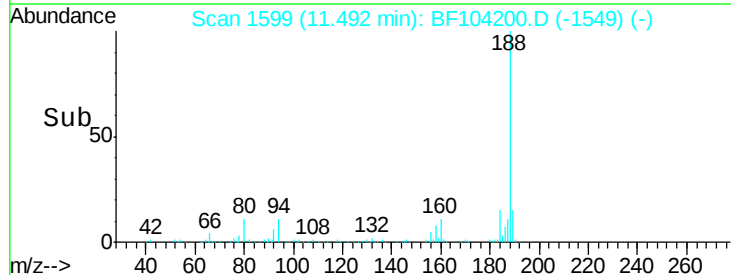
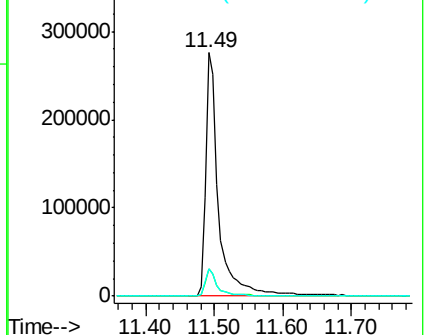
80 11.4 9.2 13.8

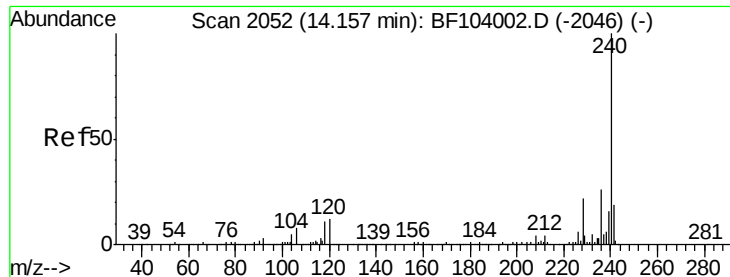


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

Instrument :

BNA_F

ClientSampleId :

ES-8-WATER-LATERAL-1-SW@3.5

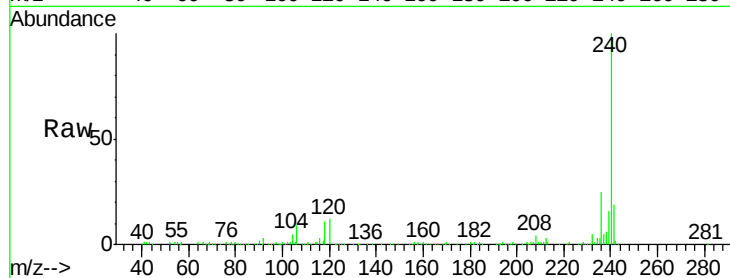
Tot Ion:240 Resp: 249334

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

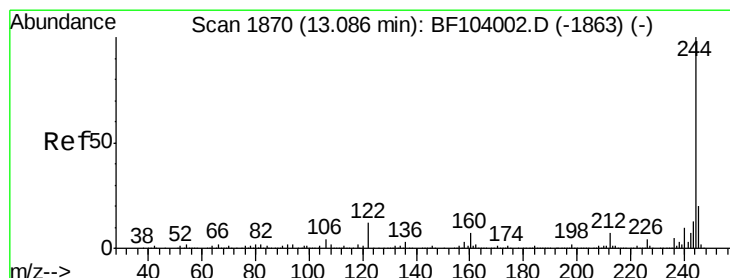
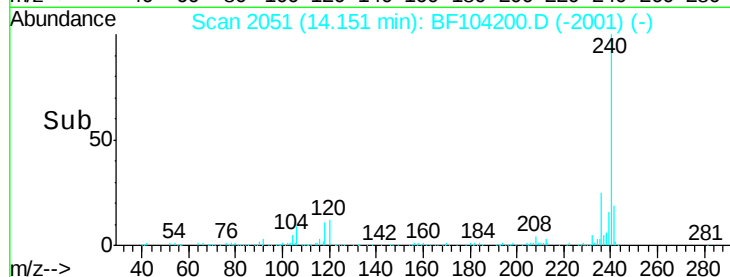
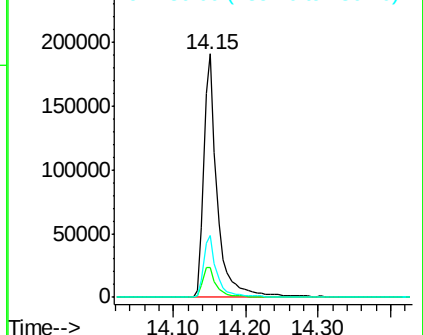
236 25.4 20.7 31.1



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: 95.702 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104200.D

Acq: 4 Apr 2018 00:34

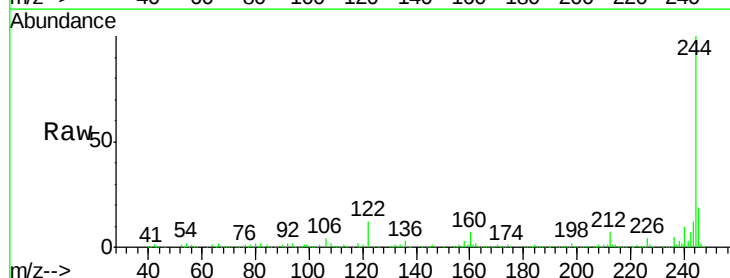
Tgt Ion:244 Resp: 1033446

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

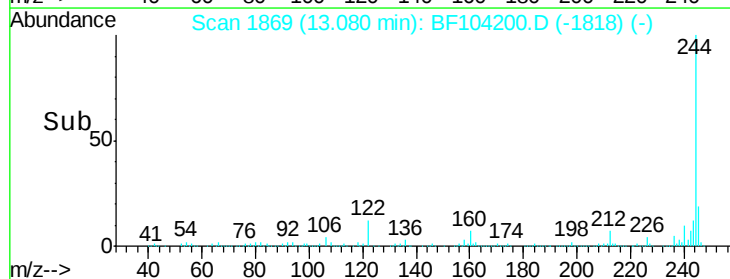
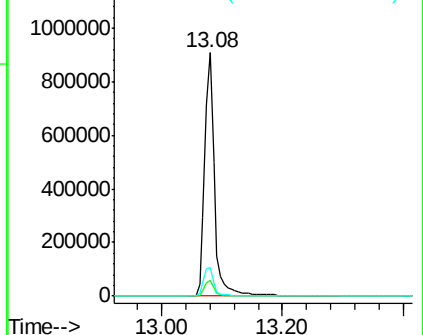
122 11.6 11.0 16.4

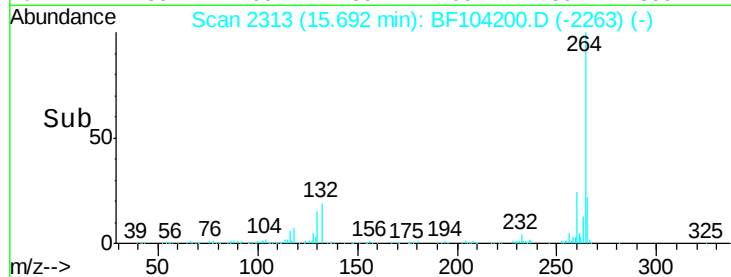
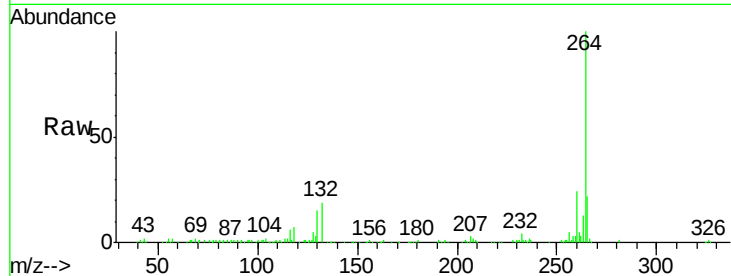
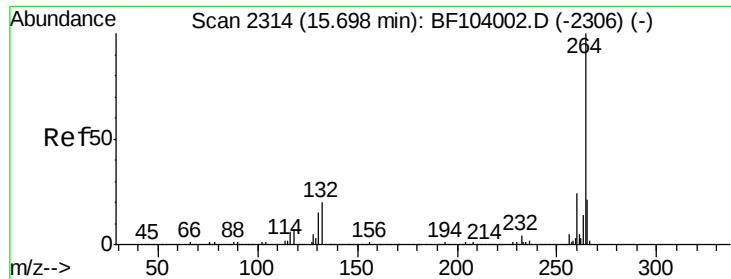


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104200.D
 Acq: 4 Apr 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 ES-8-WATER-LATERAL-1-SW@3.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

