

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100001.D
 Acq On : 31 Oct 2017 14:32
 Operator : SJ/JU
 Sample : I6166-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Quant Time: Oct 31 16:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104917	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	450330	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	222922	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	413413	20.00	ng	0.00
75) Chrysene-d12	13.98	240	325823	20.00	ng	0.00
86) Perylene-d12	15.48	264	245827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	377470	56.48	ng	0.00
7) Phenol-d6	6.43	99	279517	35.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	606079	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	257605	126.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1253591	86.76	ng	0.00
78) Terphenyl-d14	12.92	244	1146802	76.92	ng	0.01

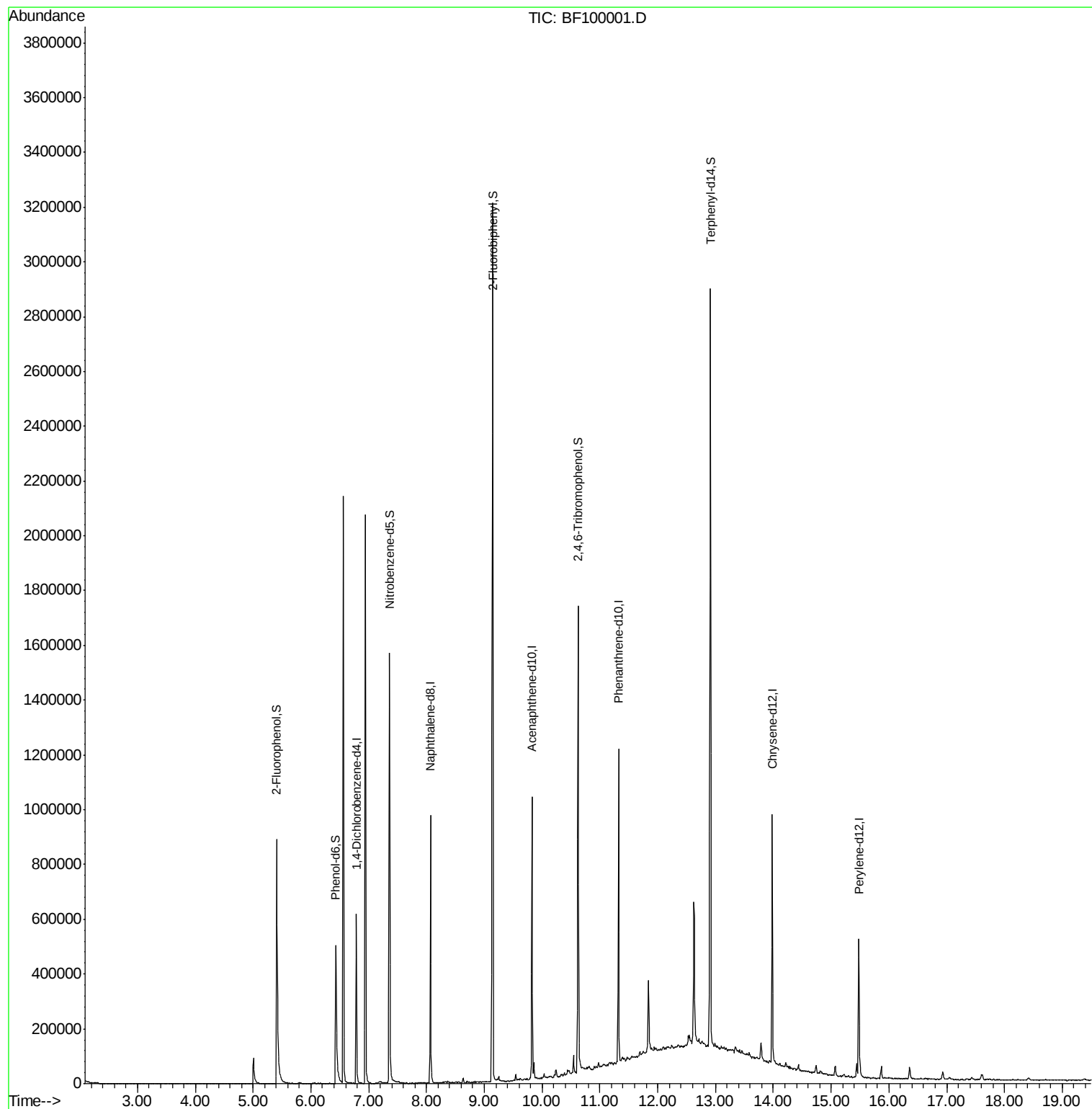
Target Compounds Qvalue

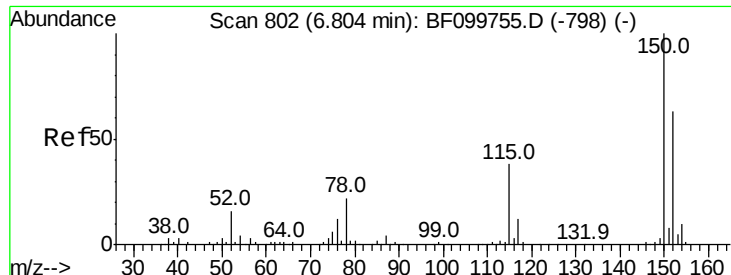
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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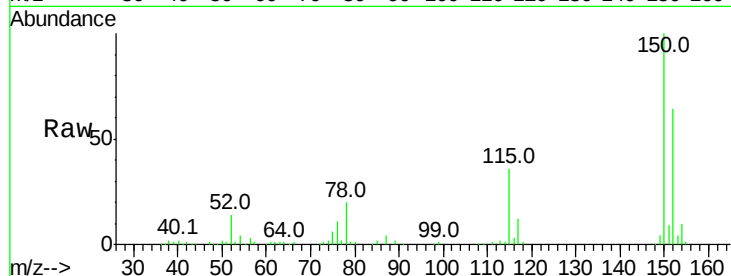


#1

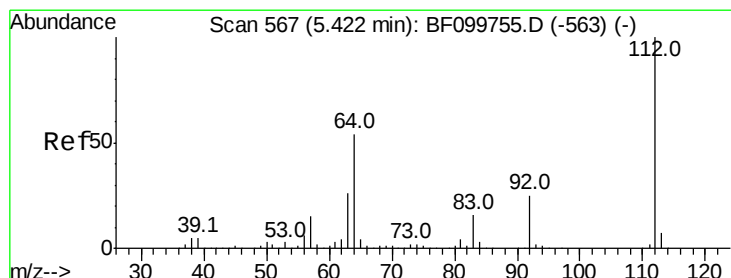
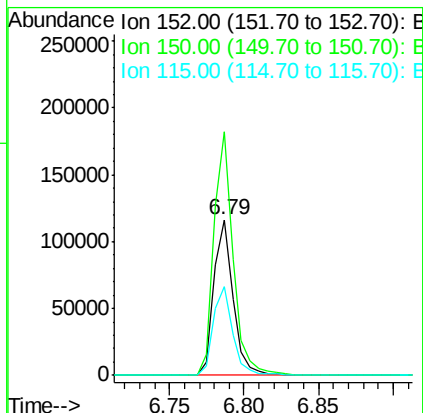
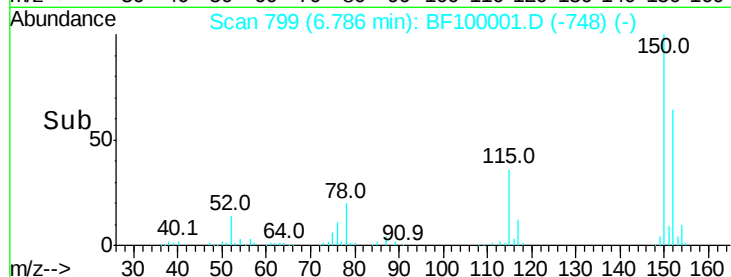
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100001.D
Acq: 31 Oct 2017 14:32

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-WATER

Tot Ion:152 Resp: 104917
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 56.8 50.1 75.1



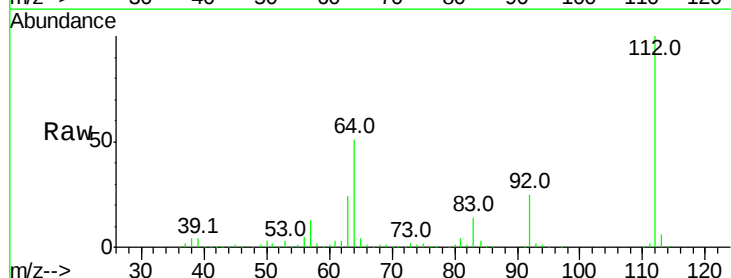
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



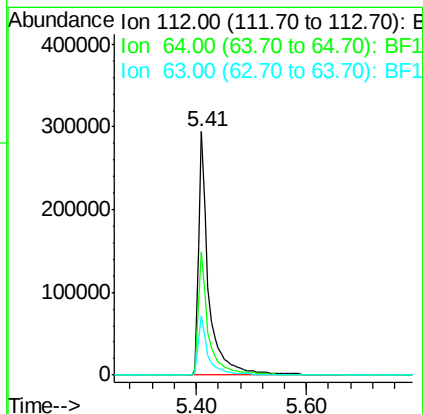
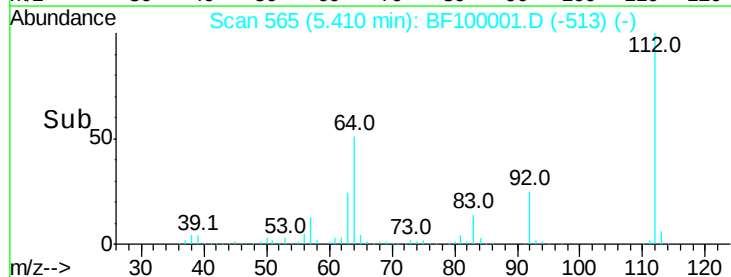
#5

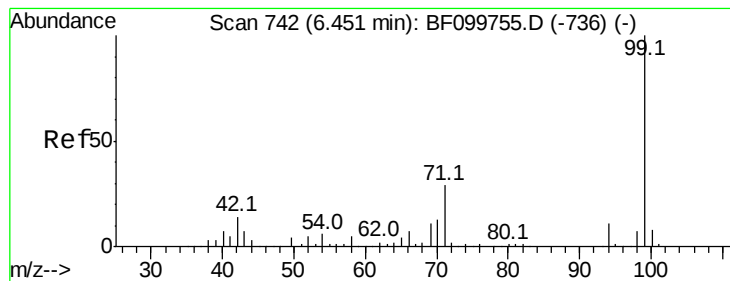
2-Fluorophenol
Concen: 56.484 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100001.D
Acq: 31 Oct 2017 14:32

Tgt Ion:112 Resp: 377470
Ion Ratio Lower Upper
112 100
64 50.6 47.9 71.9
63 24.2 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: 35.275 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

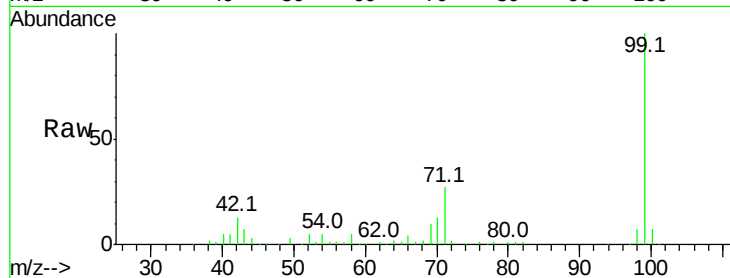
Tot Ion: 99 Resp: 279517

Ion Ratio Lower Upper

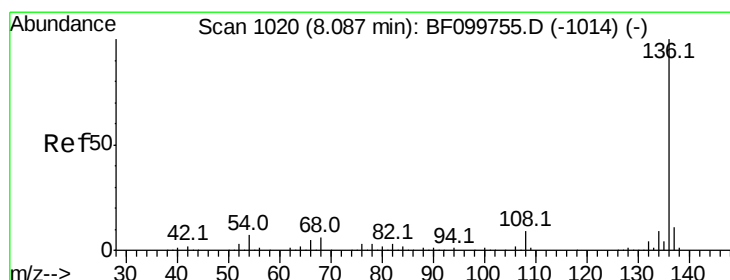
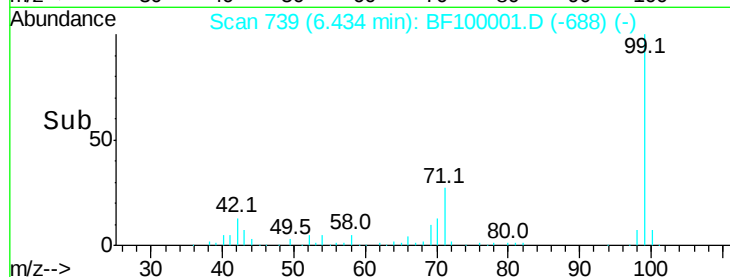
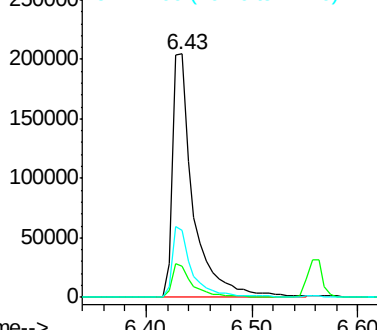
99 100

42 12.9 14.5 21.7#

71 27.4 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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

Tgt Ion: 136 Resp: 450330

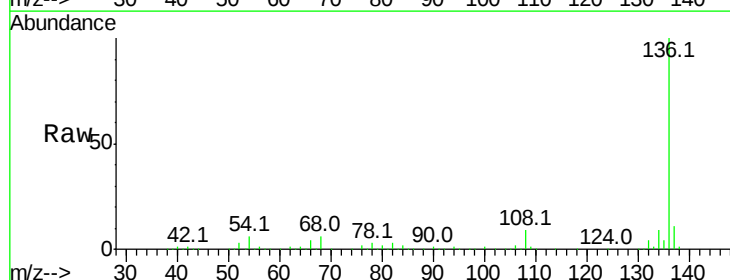
Ion Ratio Lower Upper

136 100

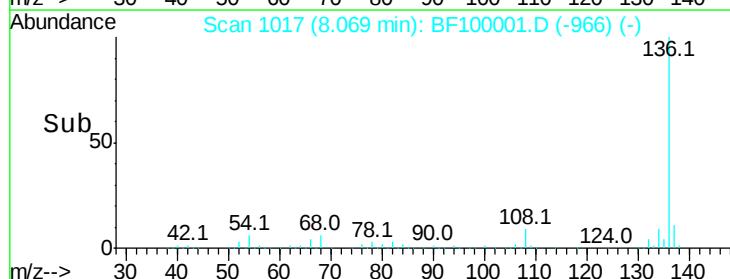
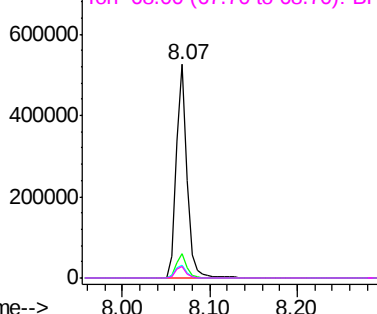
137 11.1 8.9 13.3

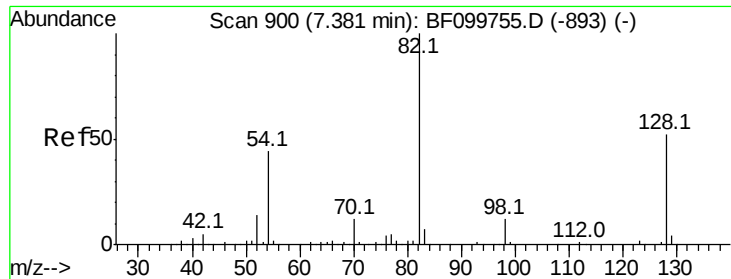
54 6.1 6.6 9.8#

68 5.6 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

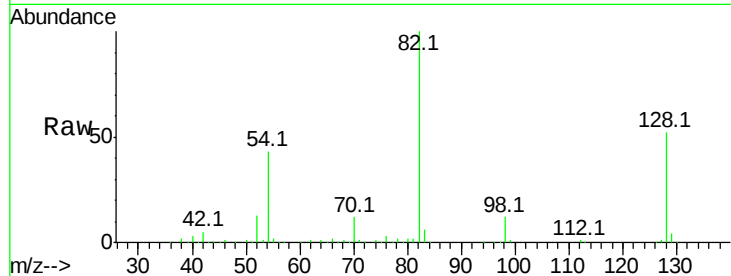




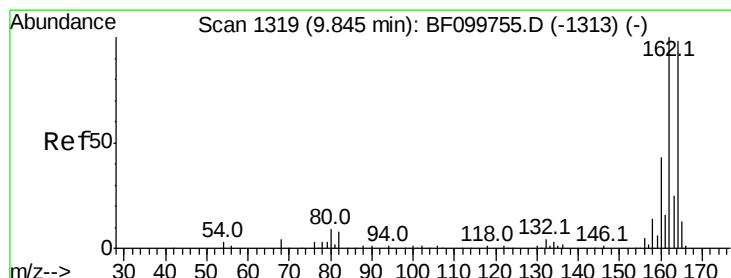
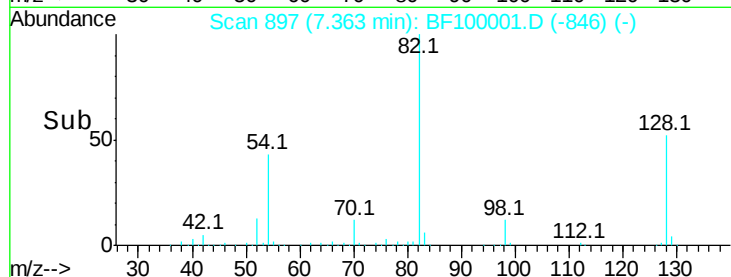
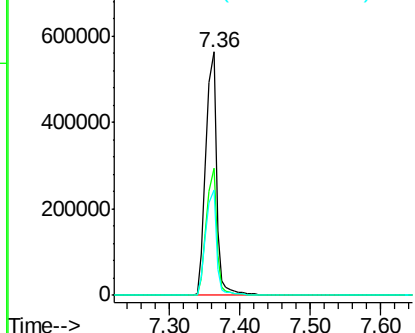
#23
Nitrobenzene-d5
Concen: 86.647 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF100001.D
Acq: 31 Oct 2017 14:32

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-WATER

Tot Ion: 82 Resp: 606079
Ion Ratio Lower Upper
82 100
128 52.2 36.1 54.1
54 43.1 41.4 62.2

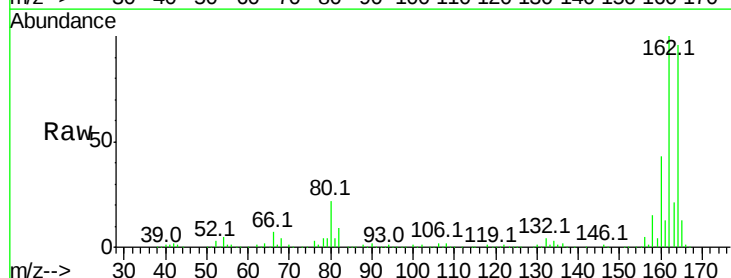


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

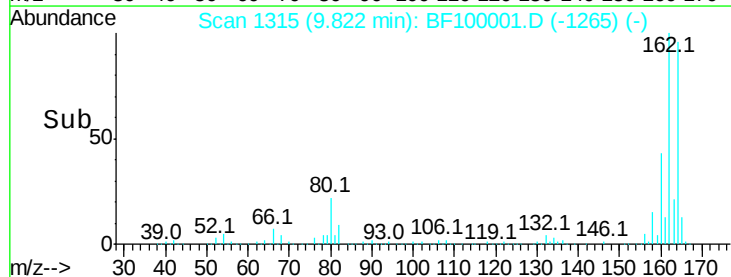
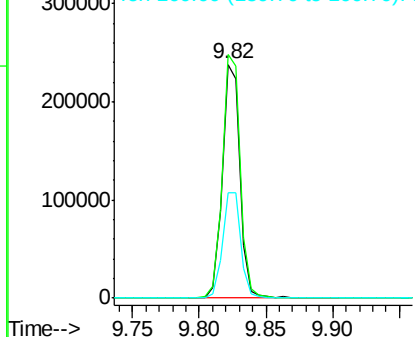


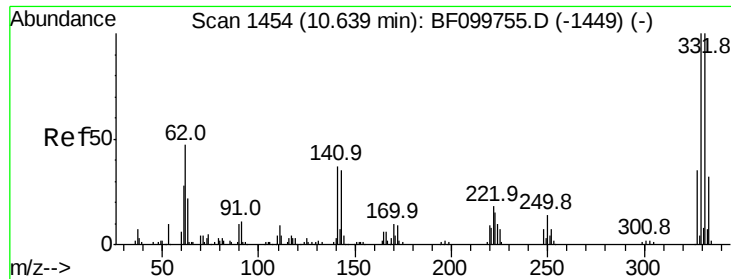
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100001.D
Acq: 31 Oct 2017 14:32

Tgt Ion: 164 Resp: 222922
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.2 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

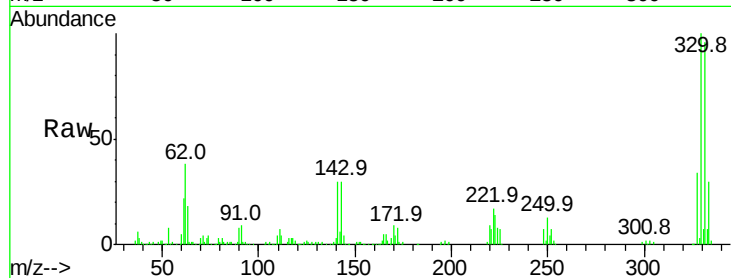




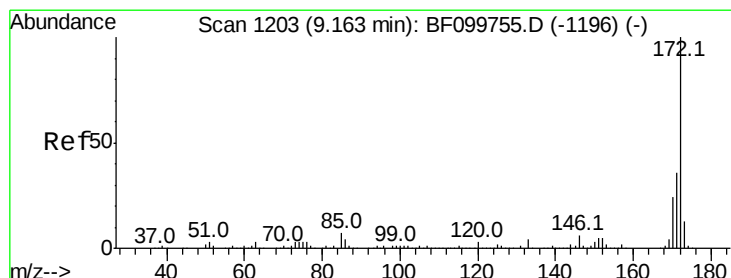
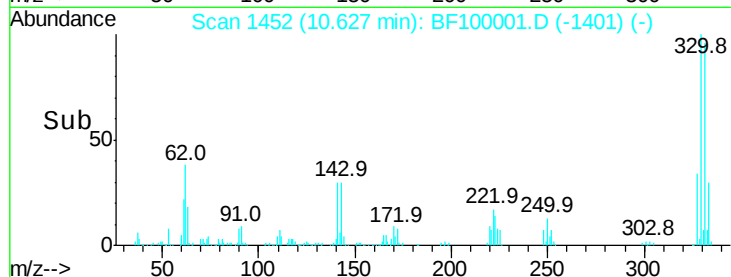
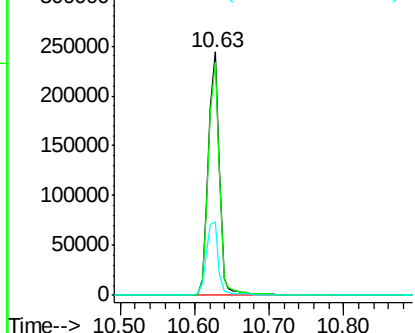
#41
 2,4,6-Tribromophenol
 Concen: 126.804 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100001.D
 Acq: 31 Oct 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Tot Ion:330 Resp: 257605
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.0 29.9 44.9

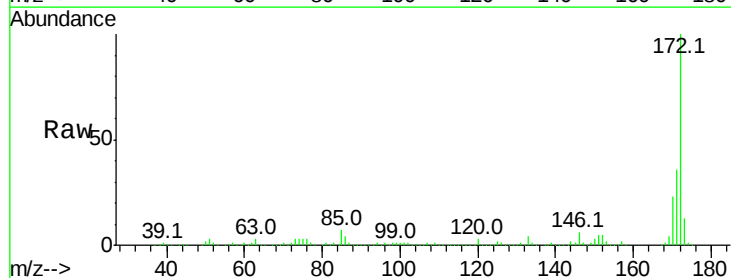


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

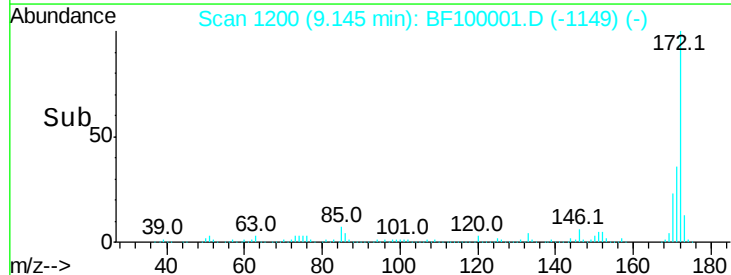
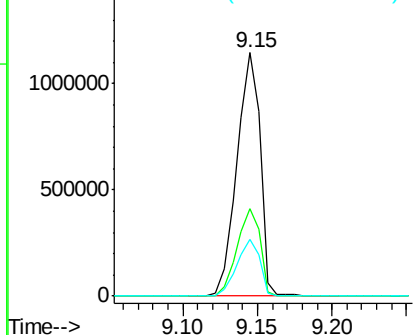


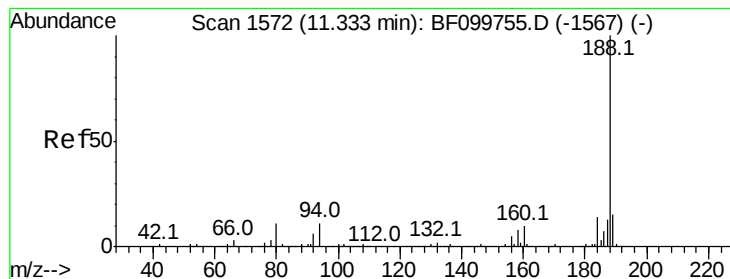
#44
 2-Fluorobiphenyl
 Concen: 86.761 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100001.D
 Acq: 31 Oct 2017 14:32

Tgt Ion:172 Resp: 1253591
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.5 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. 0.00 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

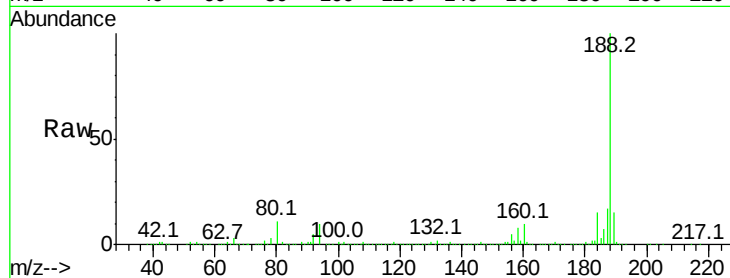
Tot Ion:188 Resp: 413413

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

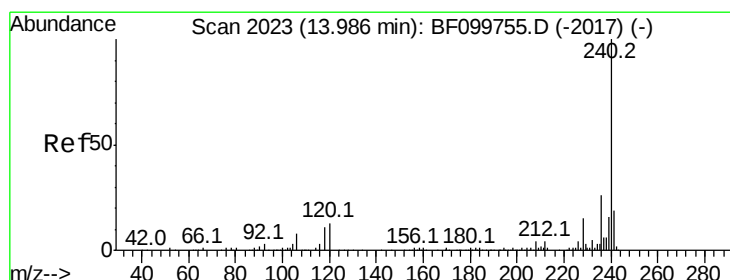
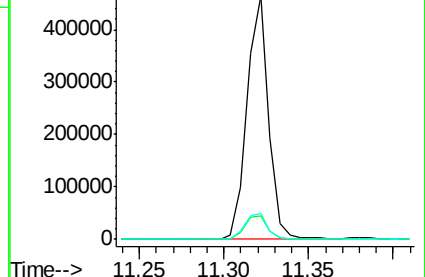
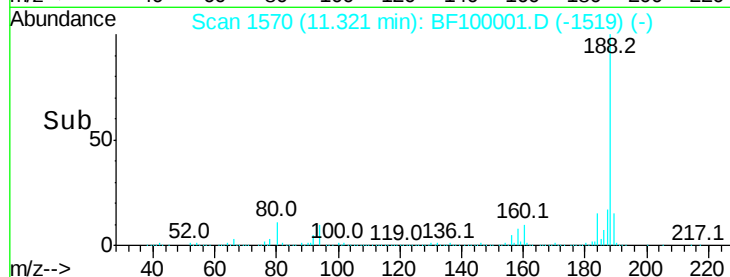
80 10.6 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

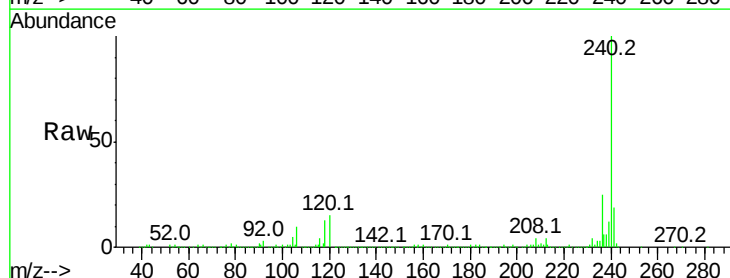
Tgt Ion:240 Resp: 325823

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

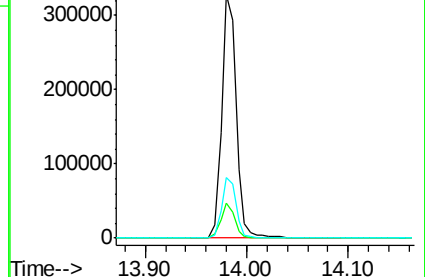
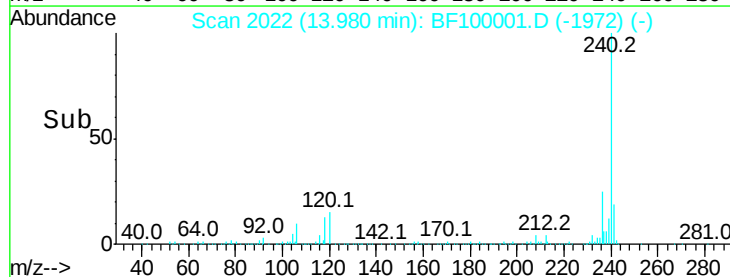
236 25.0 20.7 31.1

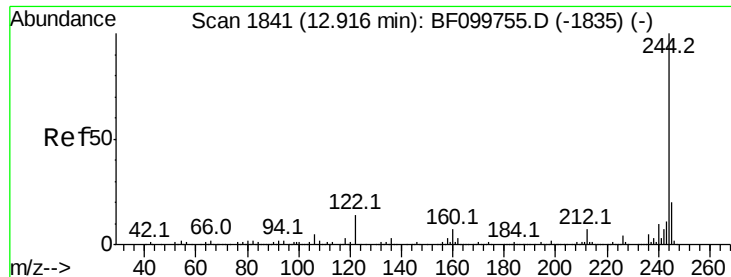


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.919 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

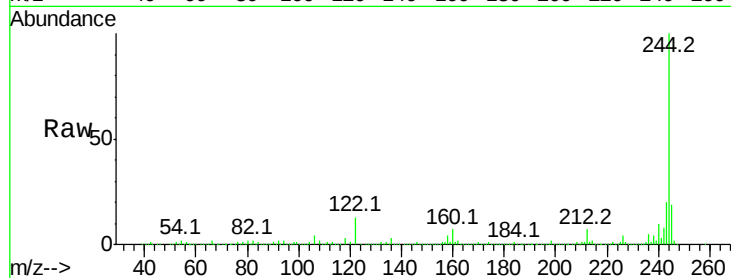
Tot Ion:244 Resp: 1146802

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

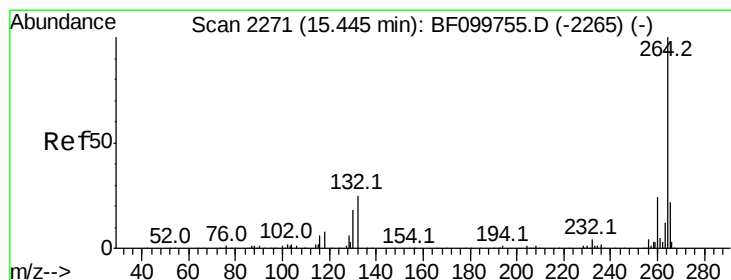
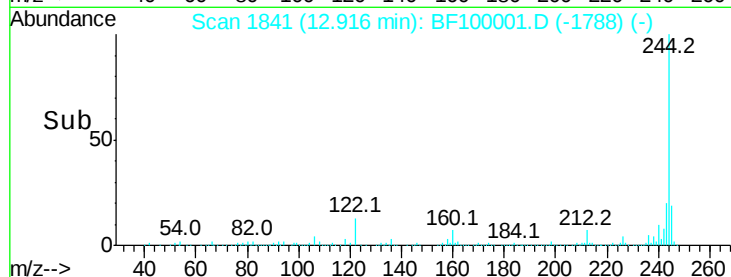
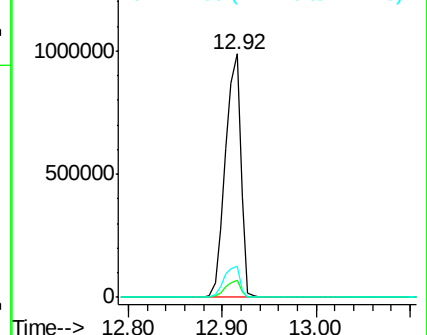
122 12.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF100001.D

Acq: 31 Oct 2017 14:32

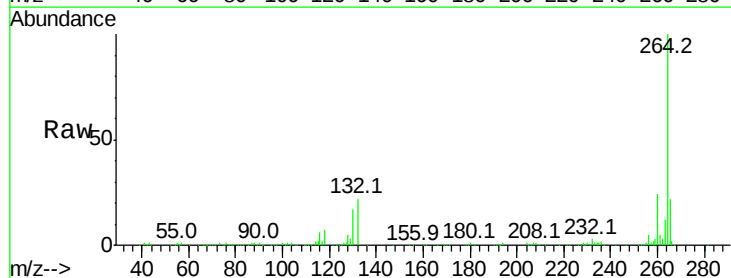
Tgt Ion:264 Resp: 245827

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

