

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083784.D
 Acq On : 14 Dec 2015 22:23
 Operator : UM/IZ
 Sample : G4761-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Quant Time: Dec 15 02:52:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

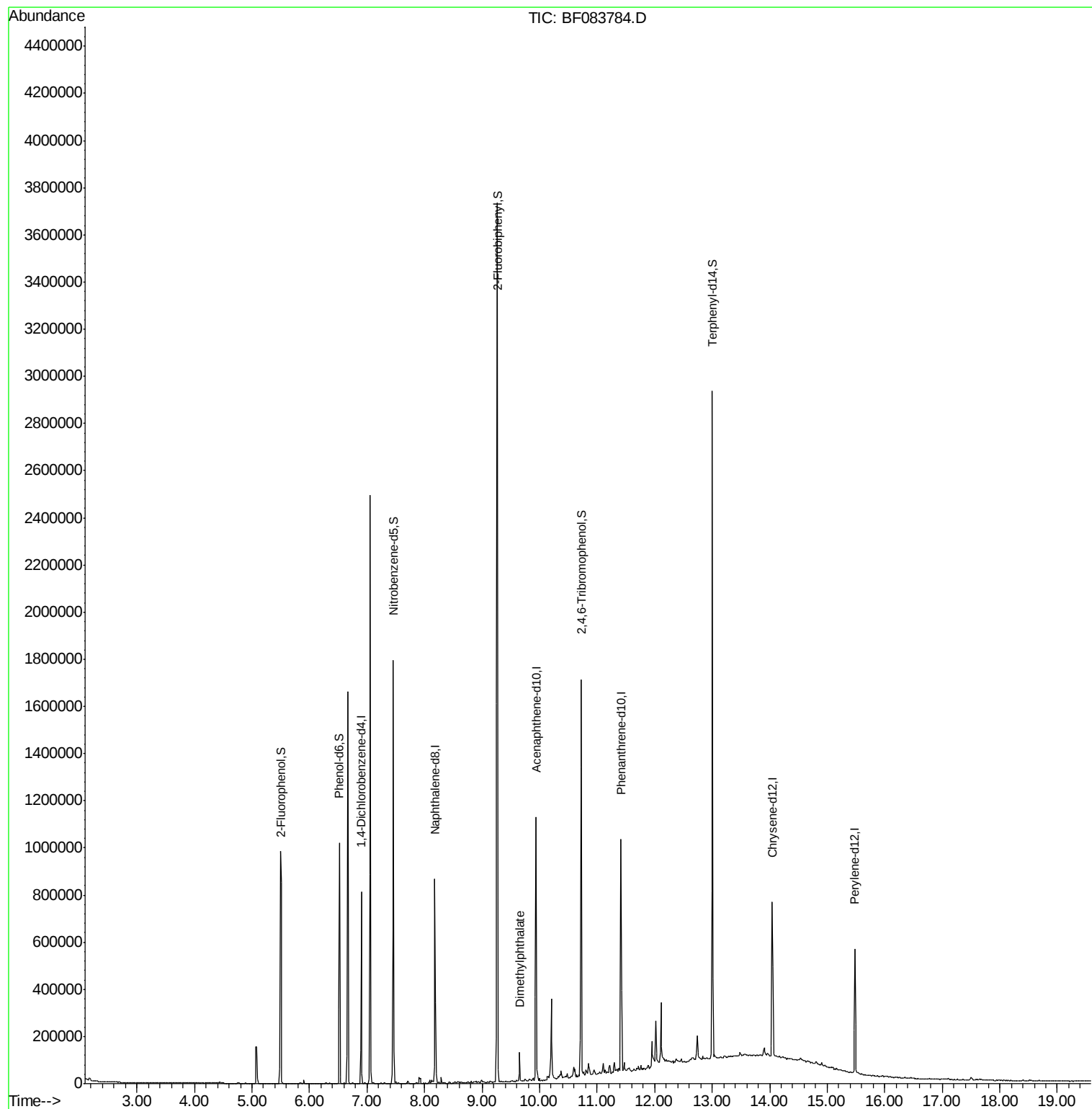
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118539	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	439700	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	225127	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	371792	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	263158	20.00	ng	-0.03
86) Perylene-d12	15.48	264	231573	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	407381	55.44	ng	-0.02
7) Phenol-d6	6.52	99	364051	39.12	ng	-0.02
23) Nitrobenzene-d5	7.46	82	625032	79.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	303196	132.17	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1267430	81.43	ng	-0.02
78) Terphenyl-d14	13.00	244	869809	71.10	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	52915	3.01	ng	Qvalue 99

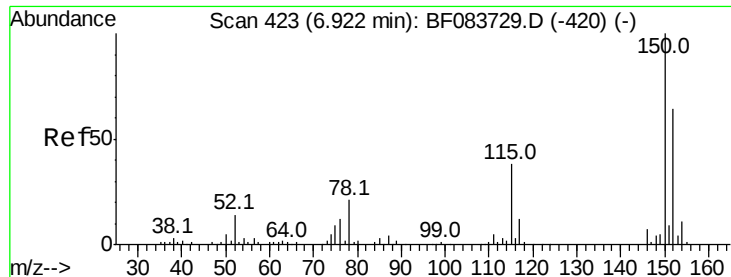
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

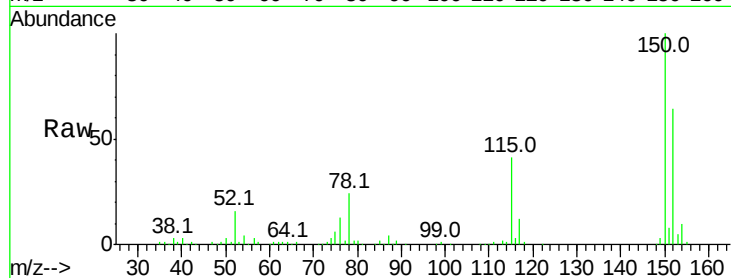
Tot Ion:152 Resp: 118539

Ion Ratio Lower Upper

152 100

150 155.2 126.5 189.7

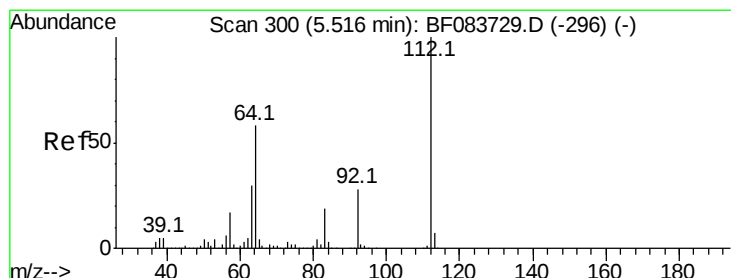
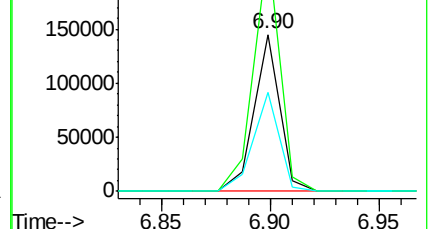
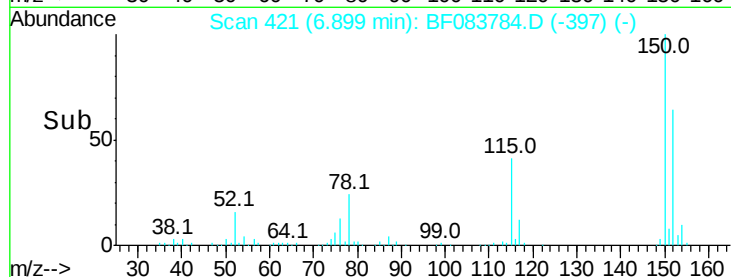
115 62.9 52.3 78.5



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: 55.44 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

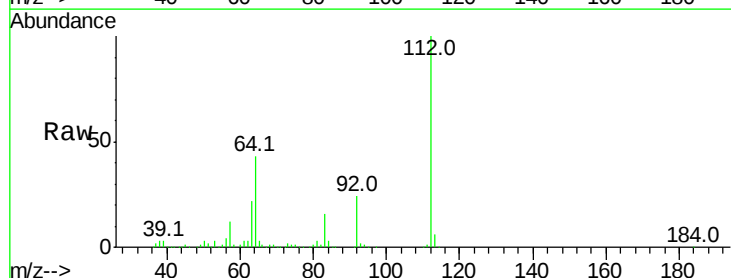
Tgt Ion:112 Resp: 407381

Ion Ratio Lower Upper

112 100

64 43.4 50.5 75.7#

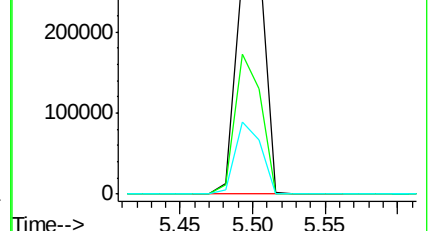
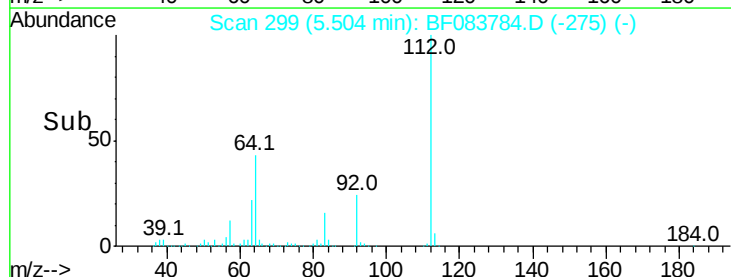
63 22.2 25.8 38.6#

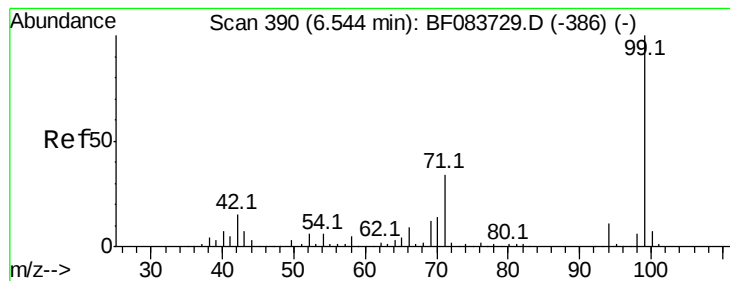


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.12 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

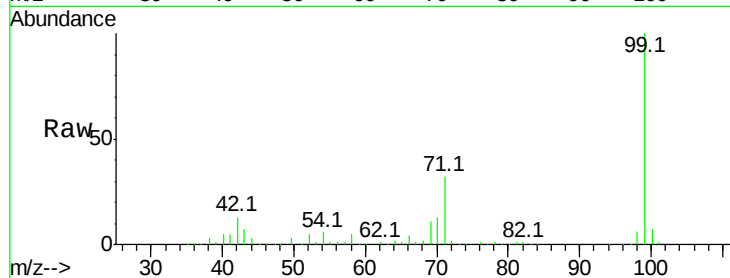
Tot Ion: 99 Resp: 364051

Ion Ratio Lower Upper

99 100

42 13.3 17.3 25.9#

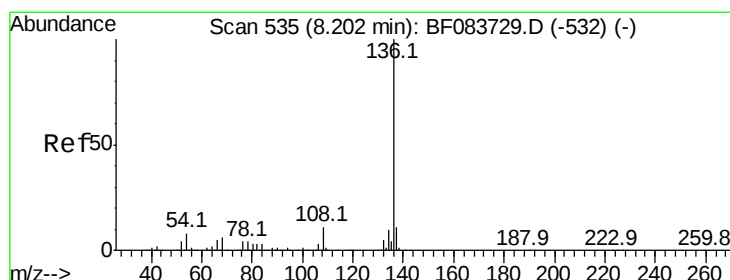
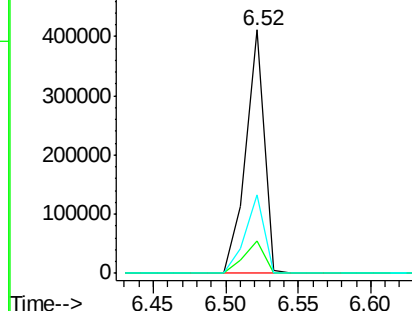
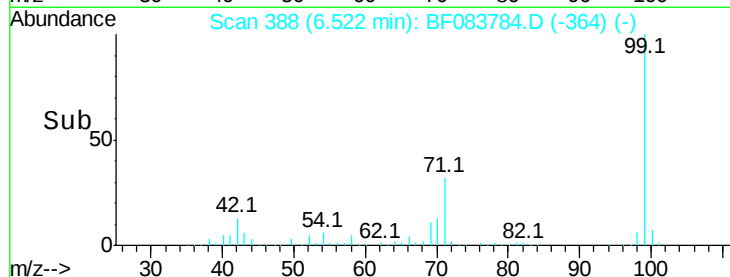
71 32.2 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

Tgt Ion: 136 Resp: 439700

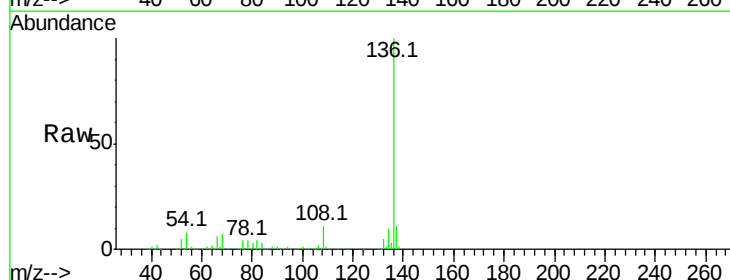
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.3 7.8 11.6

68 6.7 5.7 8.5

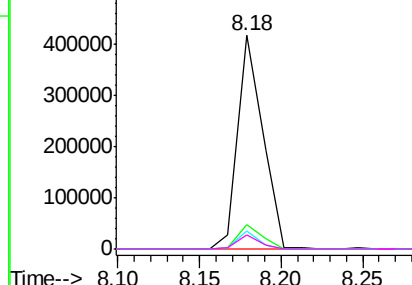
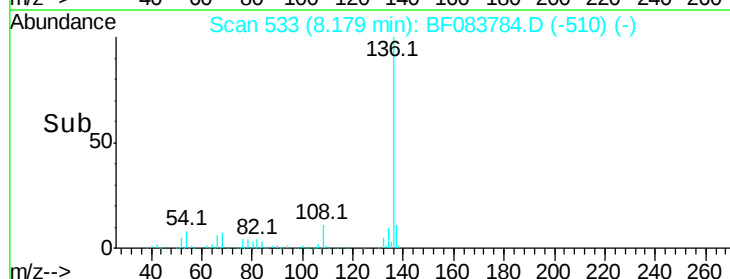


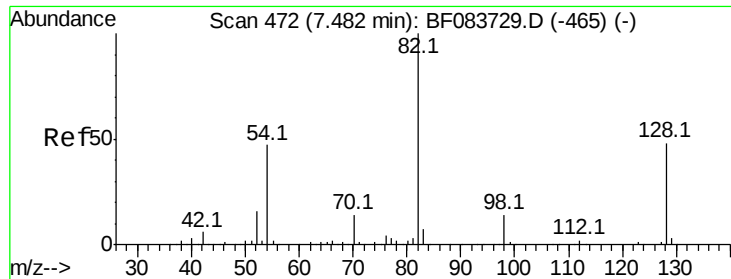
Abundance Ion 136.00 (135.70 to 136.70): E

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

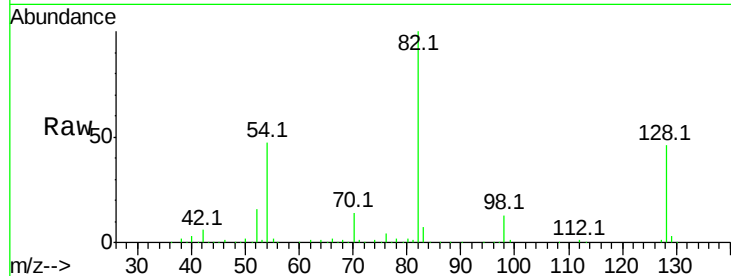




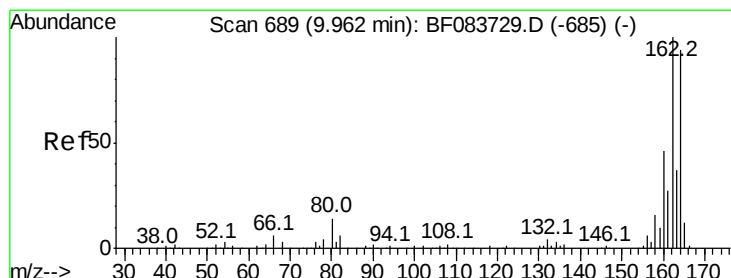
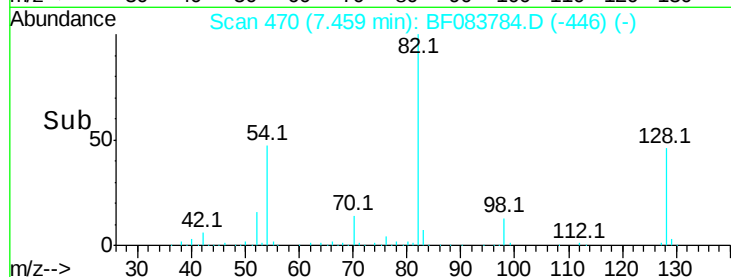
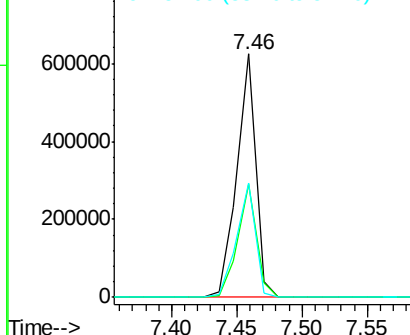
#23
 Nitrobenzene-d5
 Concen: 79.53 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083784.D
 Acq: 14 Dec 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Tot Ion: 82 Resp: 625032
 Ion Ratio Lower Upper
 82 100
 128 46.4 30.7 46.1#
 54 47.2 42.5 63.7

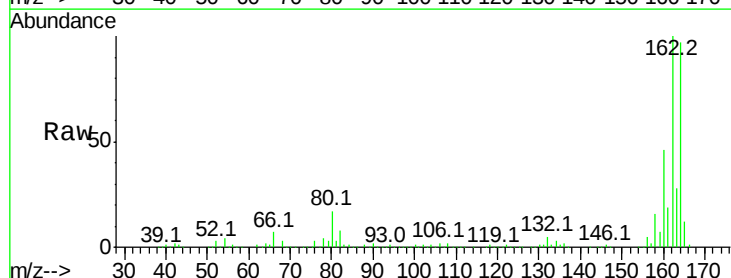


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

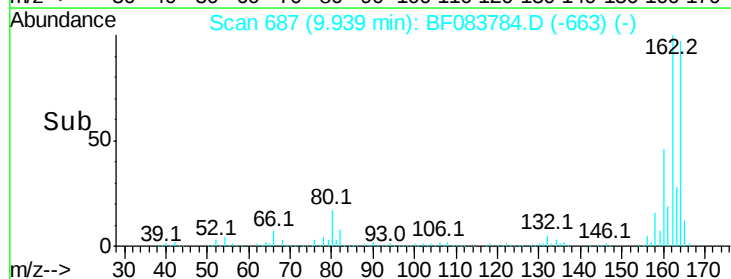
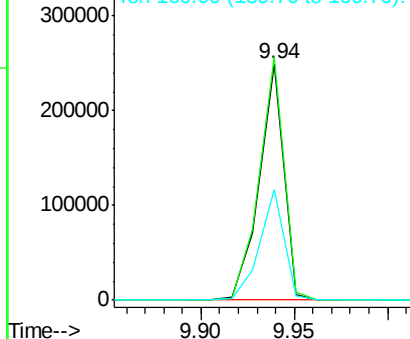


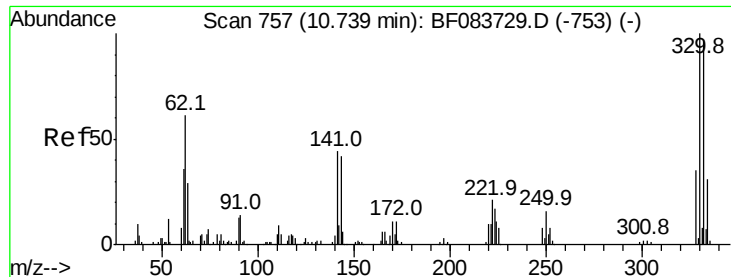
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083784.D
 Acq: 14 Dec 2015 22:23

Tgt Ion:164 Resp: 225127
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 46.9 33.4 50.2



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

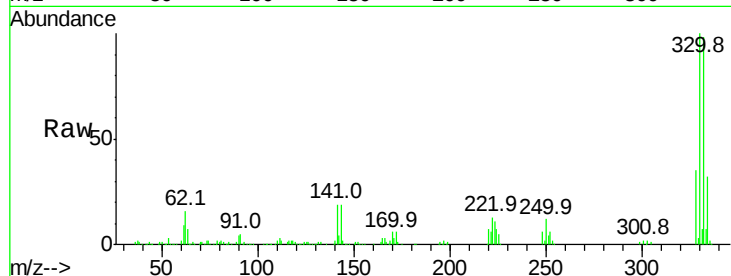




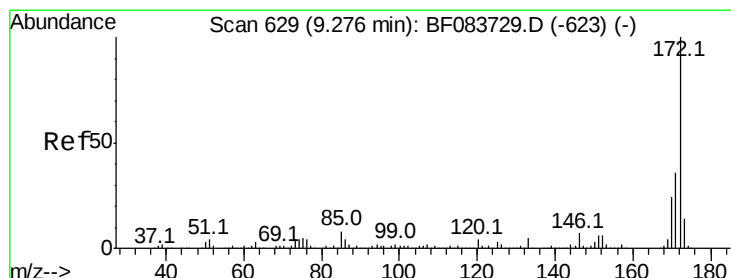
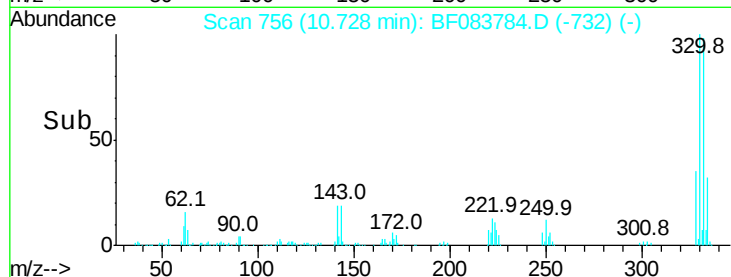
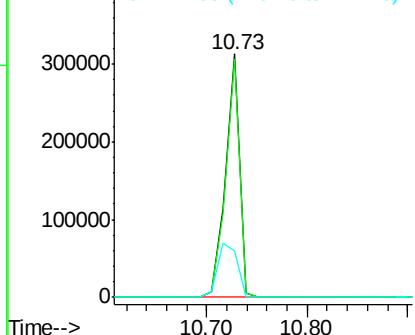
#41
 2,4,6-Tribromophenol
 Concen: 132.17 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083784.D
 Acq: 14 Dec 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	31.9	0.0	0.0#

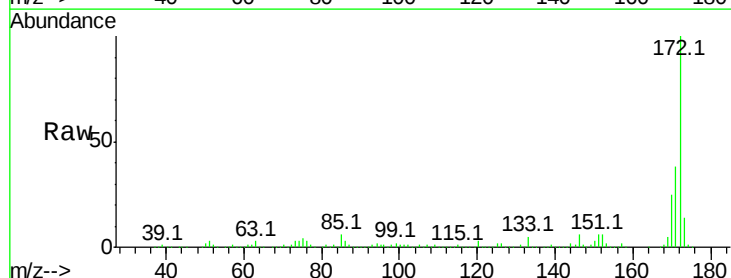


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

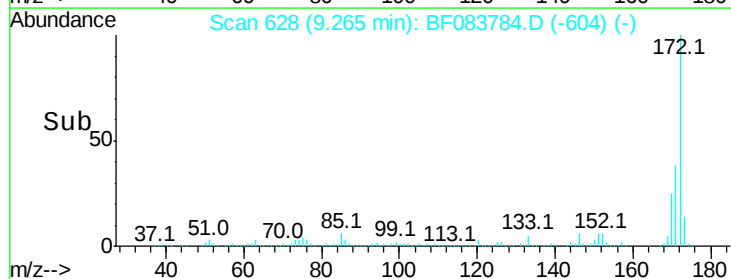
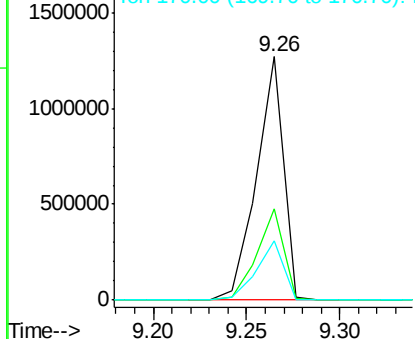


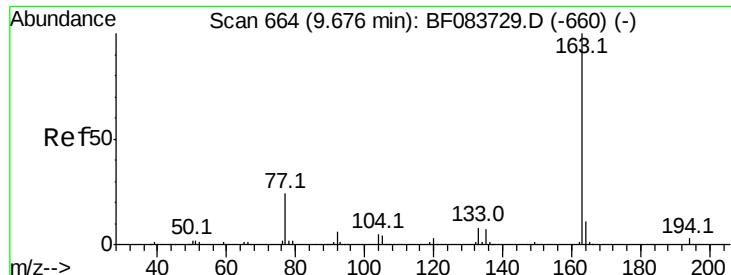
#44
 2-Fluorobiphenyl
 Concen: 81.43 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083784.D
 Acq: 14 Dec 2015 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.6	19.4	29.0



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

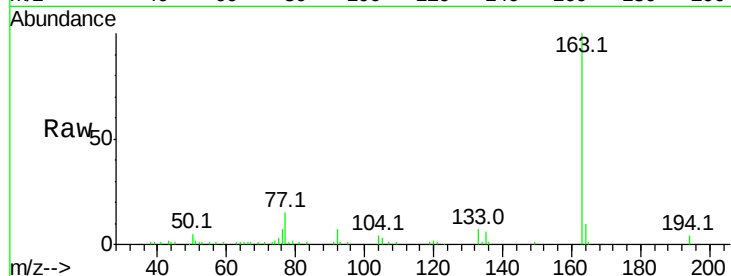




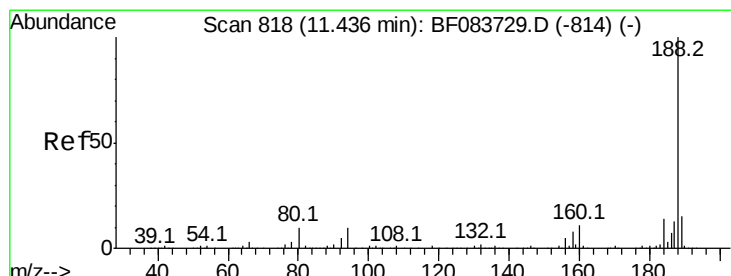
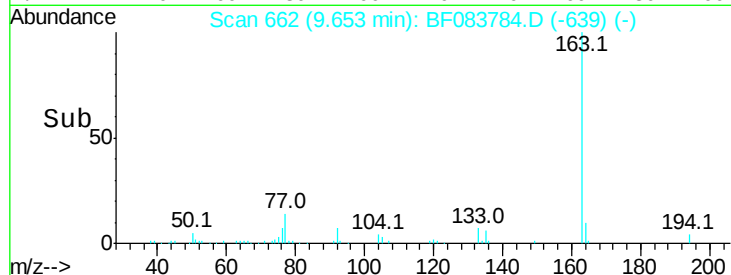
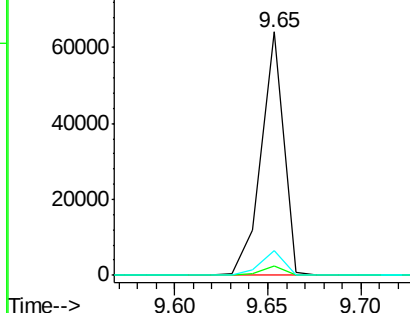
#49
Dimethylphthalate
Concen: 3.01 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083784.D
Acq: 14 Dec 2015 22:23

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-WATER

Tot Ion:163 Resp: 52915
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.3 8.6 13.0

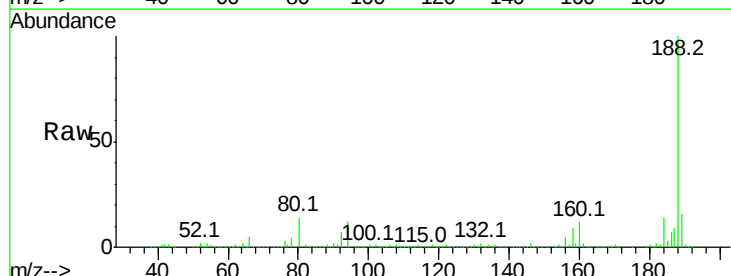


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

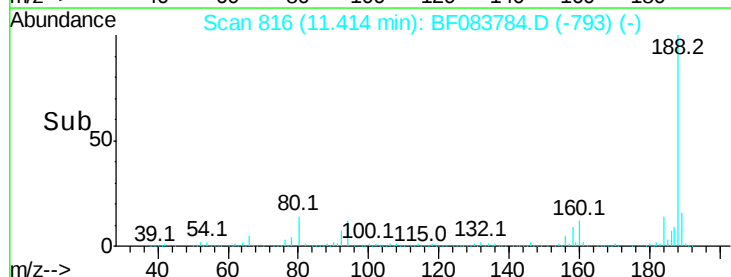
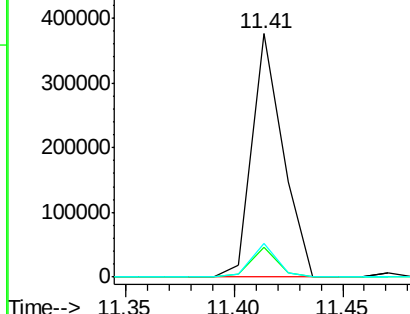


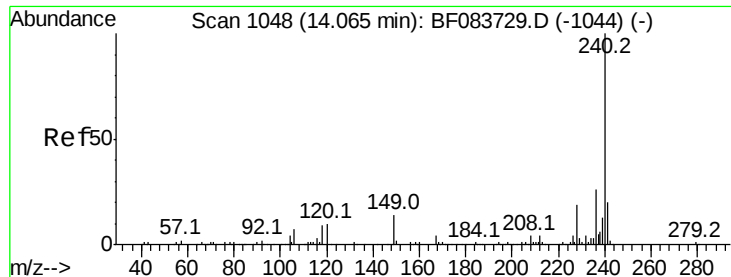
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083784.D
Acq: 14 Dec 2015 22:23

Tgt Ion:188 Resp: 371792
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.7 10.6 16.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-WATER

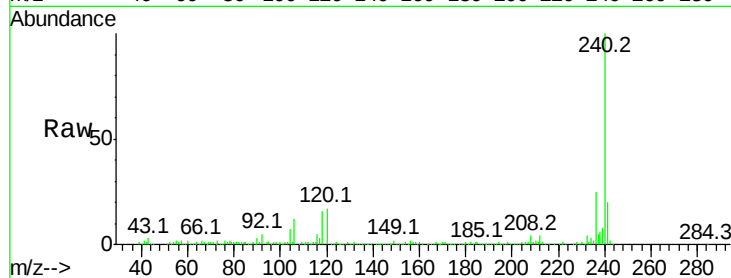
Tot Ion:240 Resp: 263158

Ion Ratio Lower Upper

240 100

120 17.4 8.1 12.1#

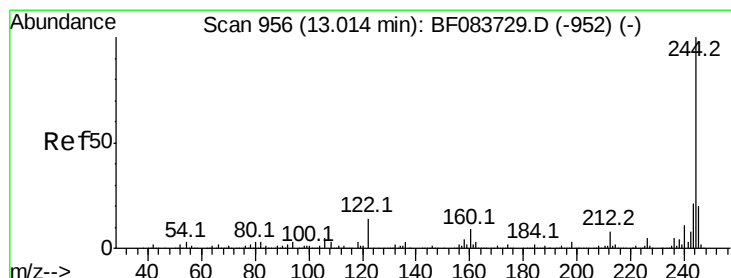
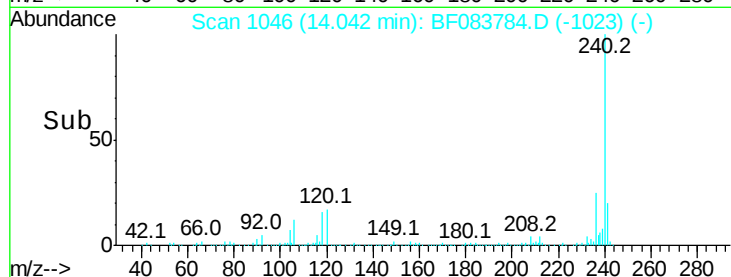
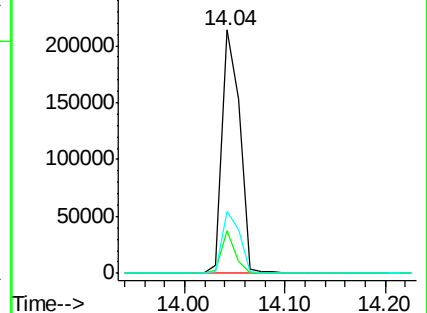
236 25.4 20.8 31.2



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: 71.10 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083784.D

Acq: 14 Dec 2015 22:23

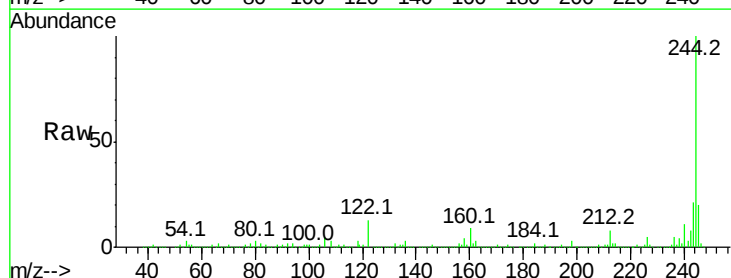
Tgt Ion:244 Resp: 869809

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

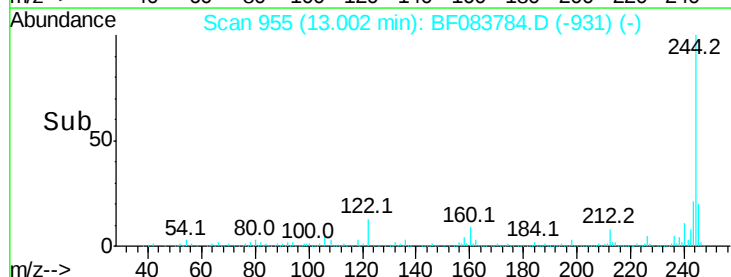
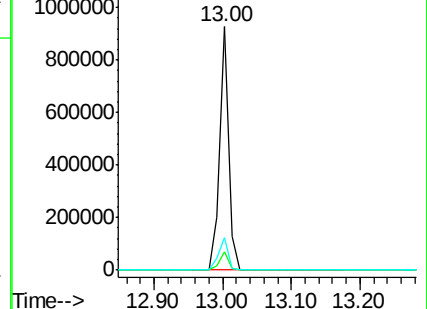
122 13.1 11.0 16.6

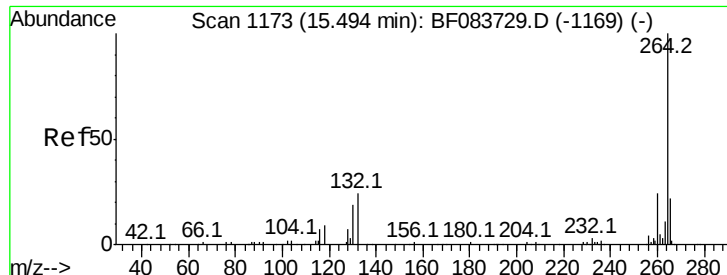


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

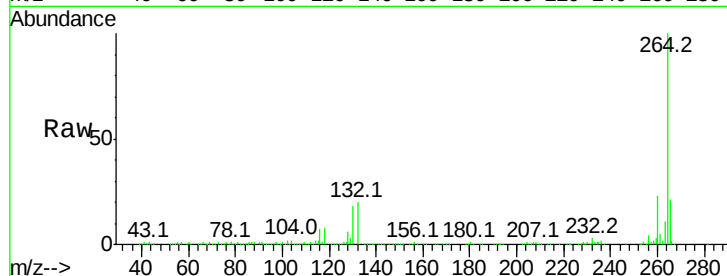




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083784.D
 Acq: 14 Dec 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-WATER

Tot Ion:264 Resp: 231573
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.0 17.8 26.6



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

