

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078763.D
 Acq On : 23 Apr 2015 22:42
 Operator : TP/IZ
 Sample : G1950-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-22(UNDERCONCRETE)

Quant Time: Apr 24 01:07:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	22971	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	94198	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	46653	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	95335	20.00	ng	0.00
75) Chrysene-d12	17.71	240	112752	20.00	ng	0.00
86) Perylene-d12	19.43	264	109851	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	5.29	99	2119	1.21	ng	0.03
23) Nitrobenzene-d5	6.70	82	3412	2.20	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.92	172	9374	2.87	ng	-0.01
78) Terphenyl-d14	16.38	244	12409	2.49	ng	0.00

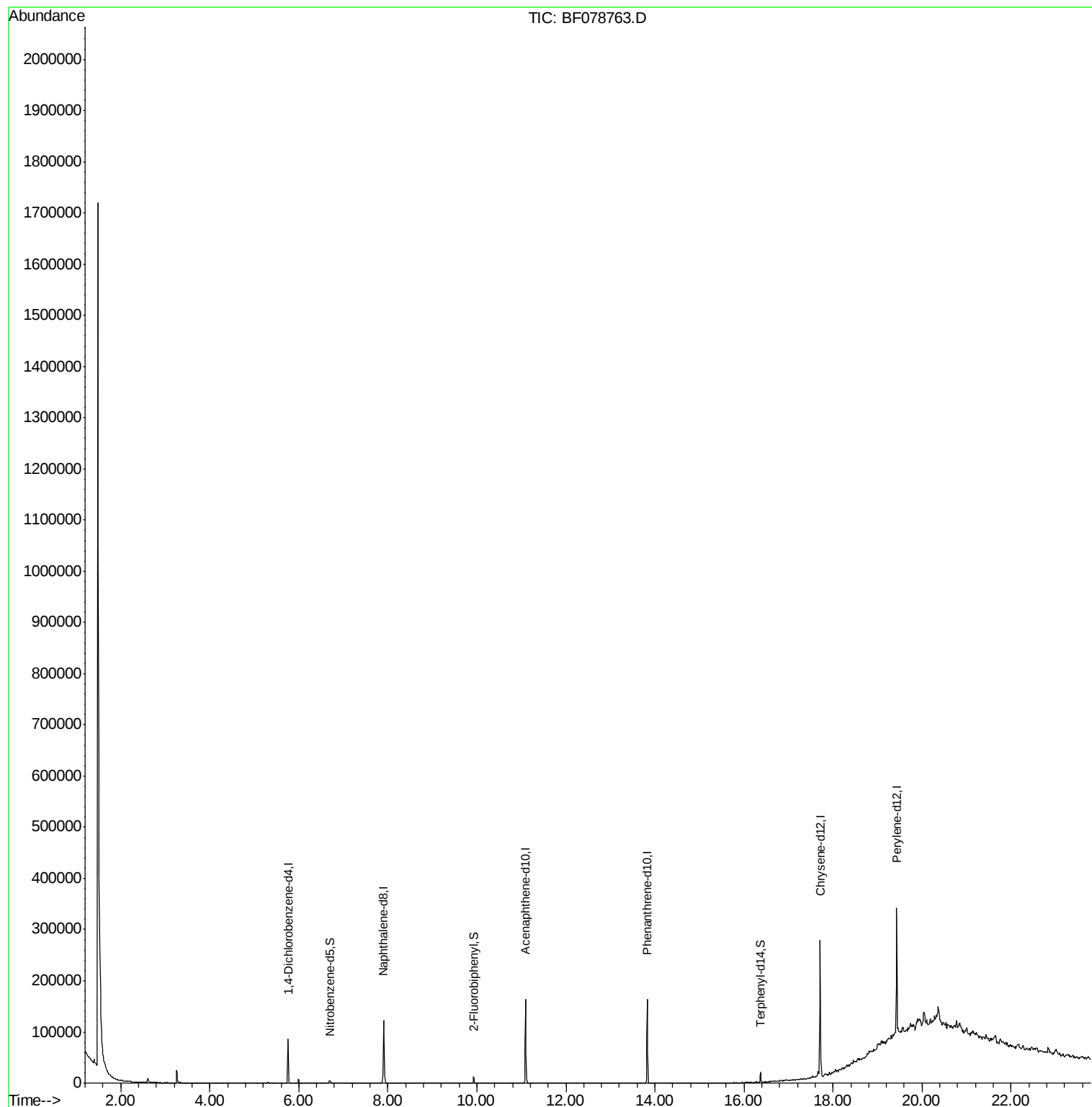
Target Compounds Qvalue

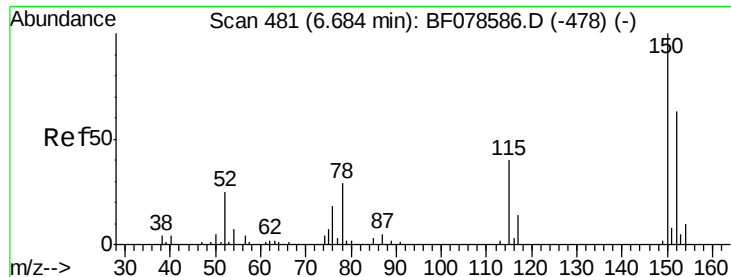
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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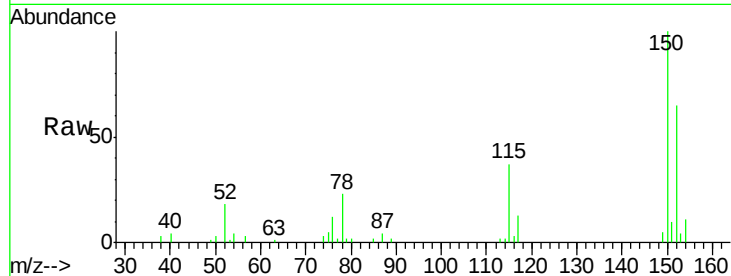


#1

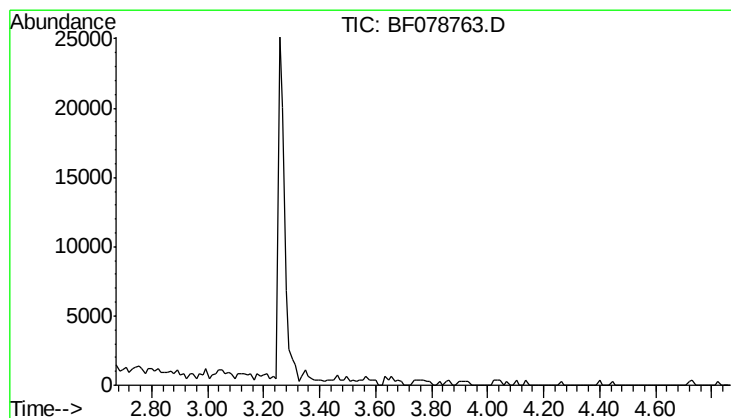
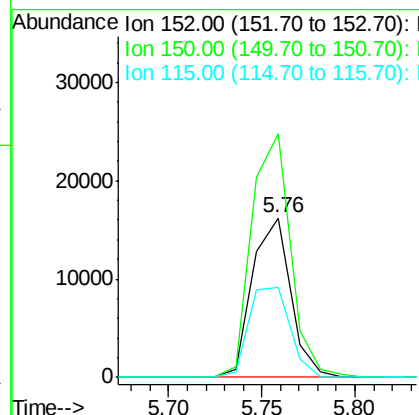
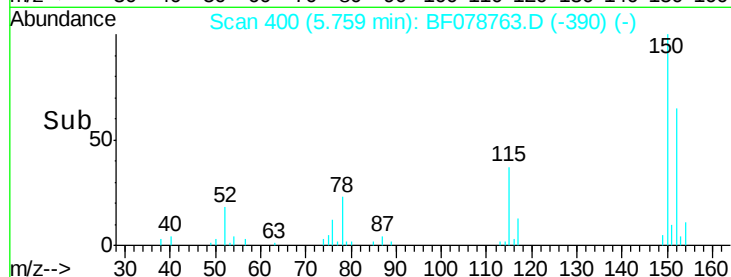
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF078763.D
Acq: 23 Apr 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PS-22(UNDERCONCRETE)

Tot Ion:152 Resp: 22971
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 56.3 52.7 79.1



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

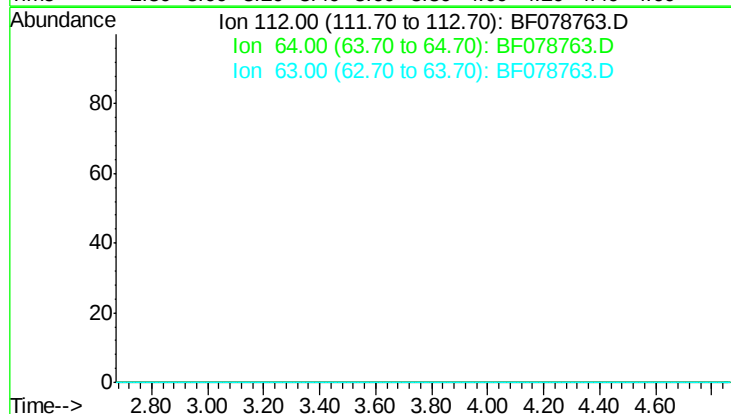


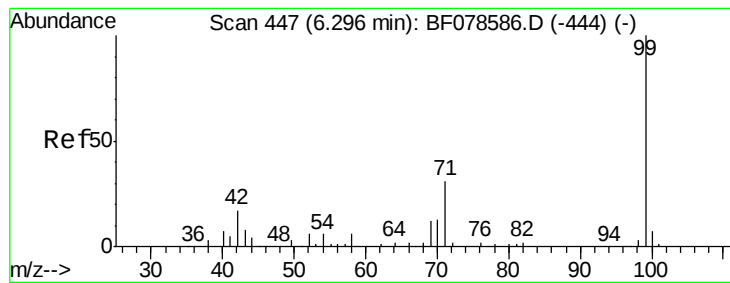
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 3.77 min

Lab File: BF078763.D
Acq: 23 Apr 2015 22:42

Tgt Ion: 112
Sig Exp Ratio
112 100
64 49.9
63 25.3





#7

Phenol-d6

Concen: 1.21 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.03 min

Lab File: BF078763.D

Acq: 23 Apr 2015 22:42

Instrument :

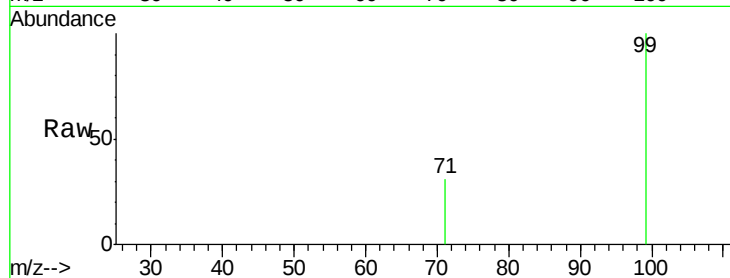
BNA_F

ClientSampleId :

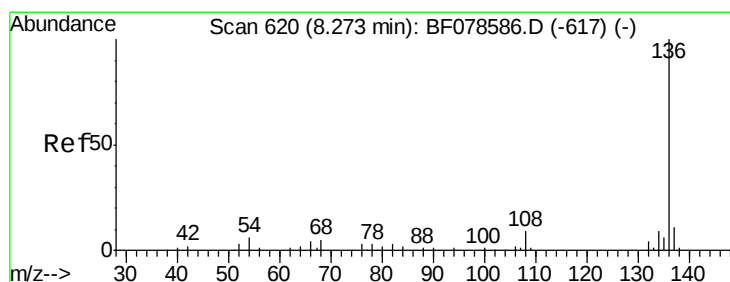
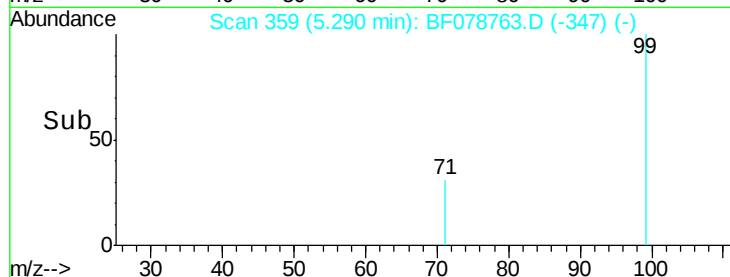
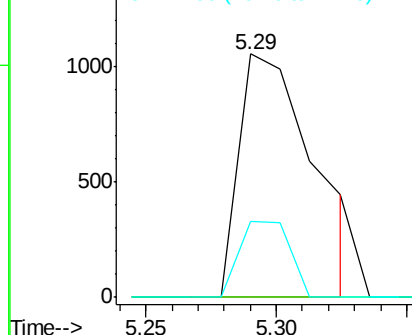
PS-22(UNDERCONCRETE)

Tot Ion: 99 Resp: 2119

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.8	22.2#
71	30.9	26.6	39.8



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: 7.91 min Scan# 588

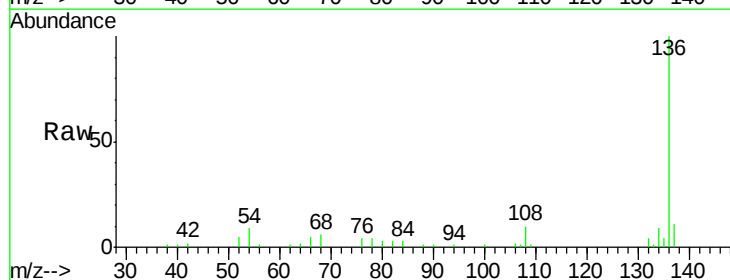
Delta R.T. -0.00 min

Lab File: BF078763.D

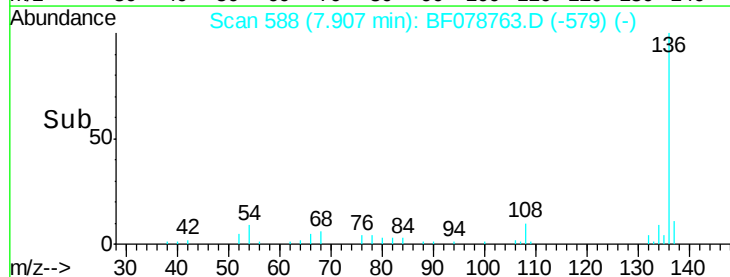
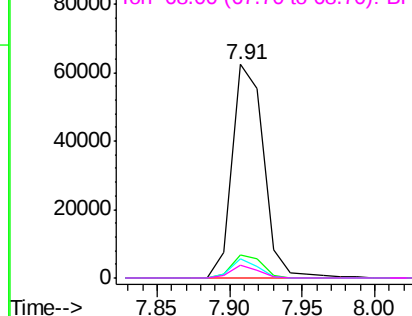
Acq: 23 Apr 2015 22:42

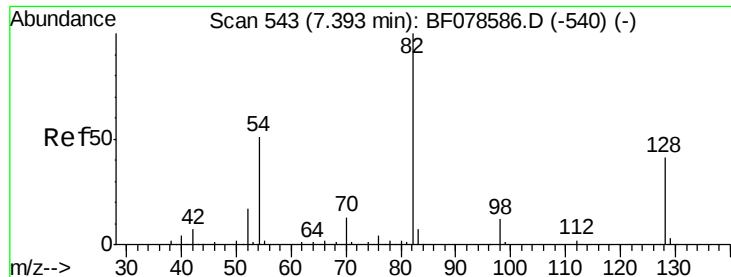
Tgt Ion: 136 Resp: 94198

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.8	7.0	10.6
68	6.3	5.4	8.2



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: 2.20 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF078763.D

Acq: 23 Apr 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PS-22(UNDERCONCRETE)

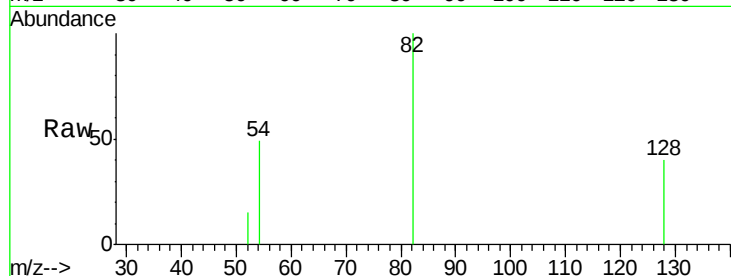
Tot Ion: 82 Resp: 3412

Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.8

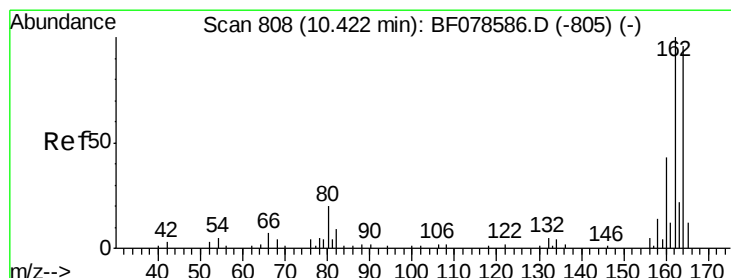
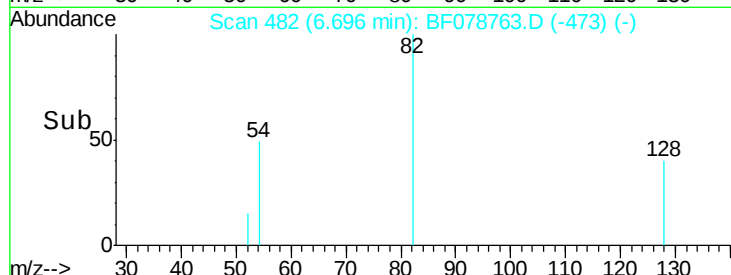
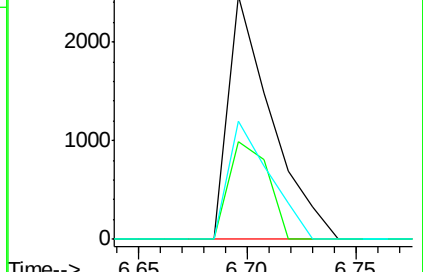
54 48.6 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078763.D

Acq: 23 Apr 2015 22:42

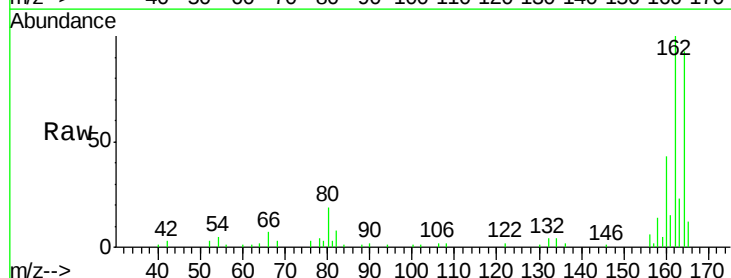
Tgt Ion: 164 Resp: 46653

Ion Ratio Lower Upper

164 100

162 108.0 82.2 123.2

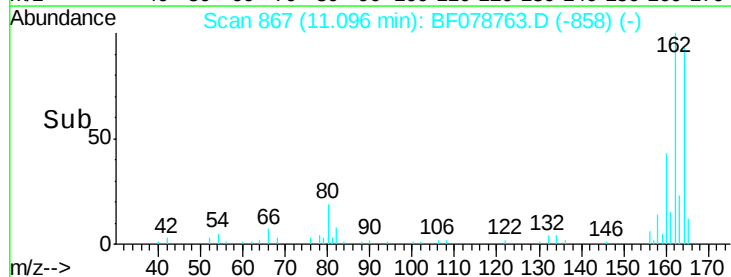
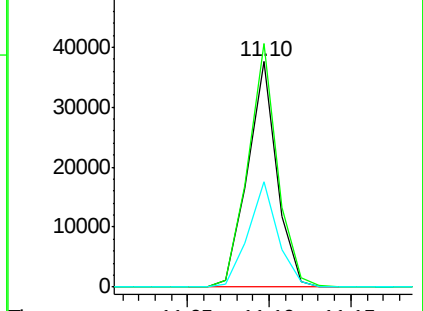
160 46.6 34.7 52.1

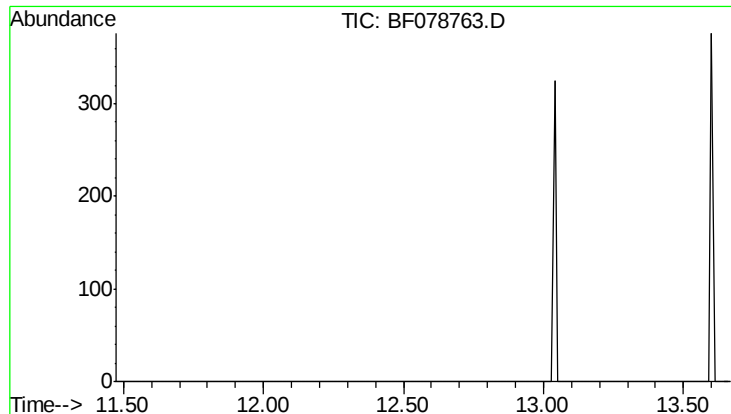


Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

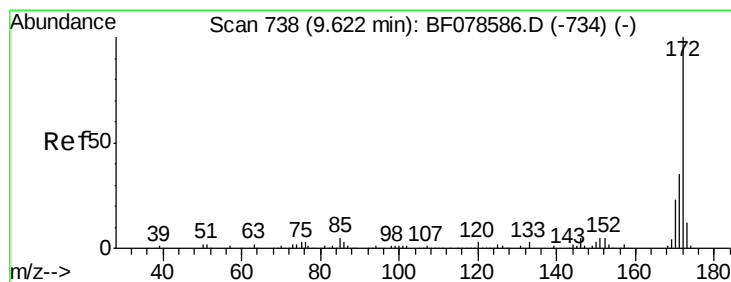
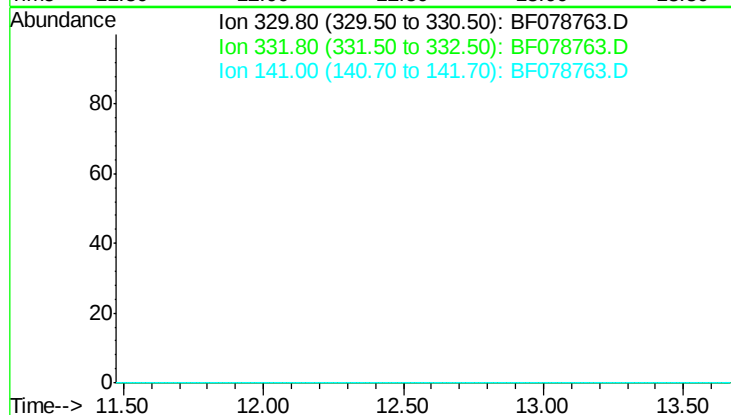




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 12.57 min
 Lab File: BF078763.D
 Acq: 23 Apr 2015 22:42

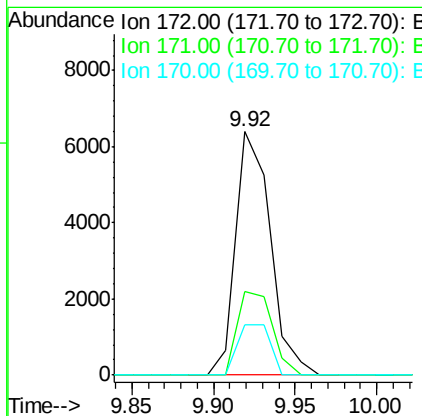
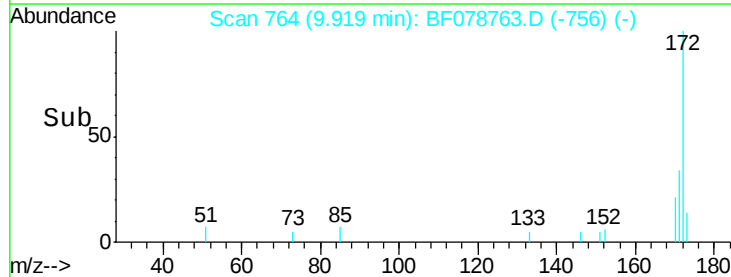
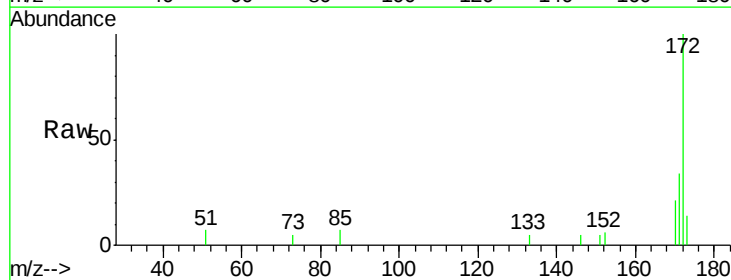
Instrument :
 BNA_F
 ClientSampleId :
 PS-22(UNDERCONCRETE)

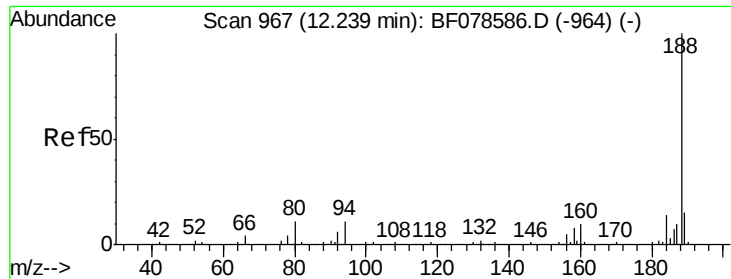
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 2.87 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF078763.D
 Acq: 23 Apr 2015 22:42

Tgt Ion: 172 Resp: 9374
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 42.8
 170 20.6 18.5 27.7

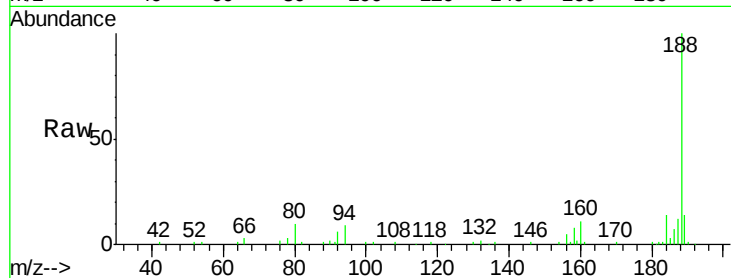




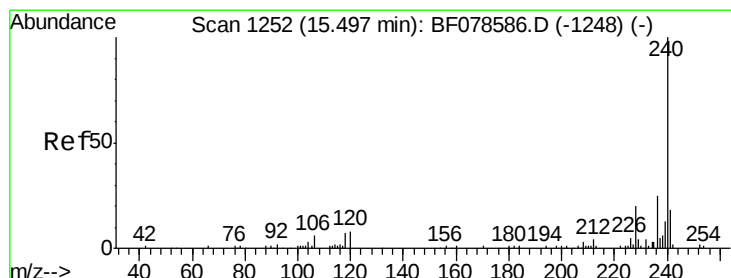
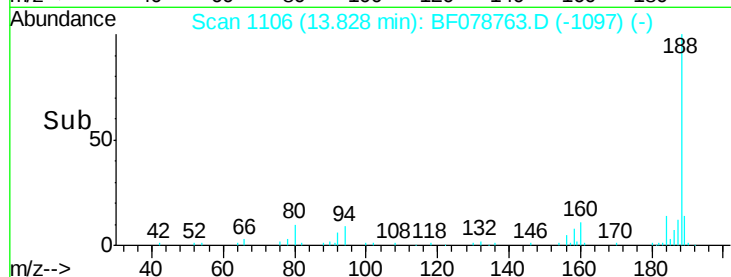
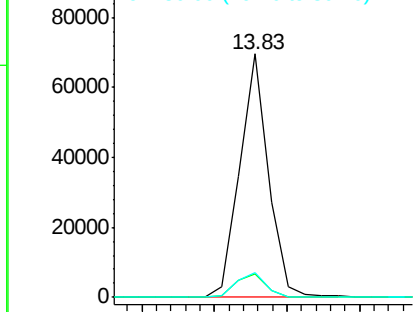
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.83 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF078763.D
Acq: 23 Apr 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PS-22(UNDERCONCRETE)

Tot Ion:188 Resp: 95335
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.9 9.5 14.3

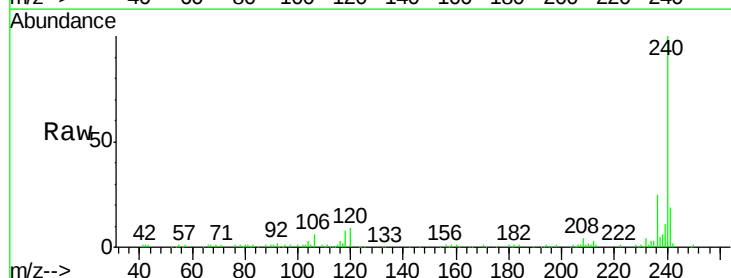


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

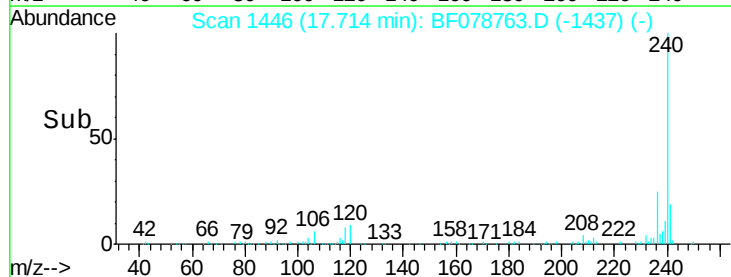
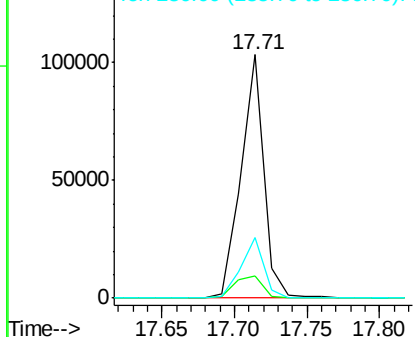


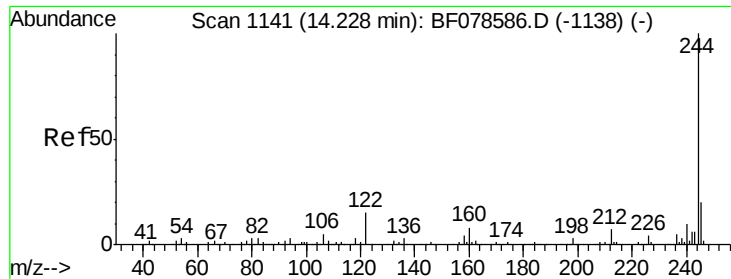
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF078763.D
Acq: 23 Apr 2015 22:42

Tgt Ion:240 Resp: 112752
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 24.9 21.4 32.2



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

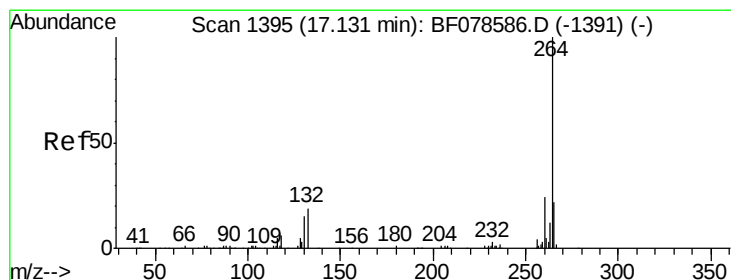
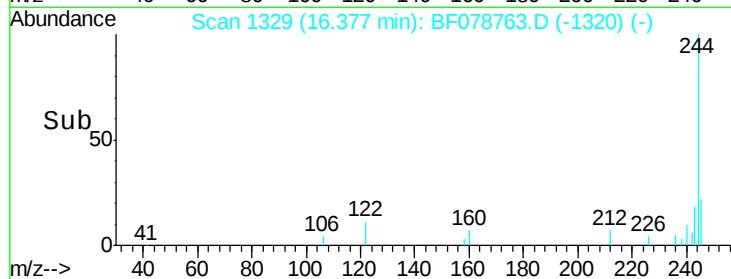
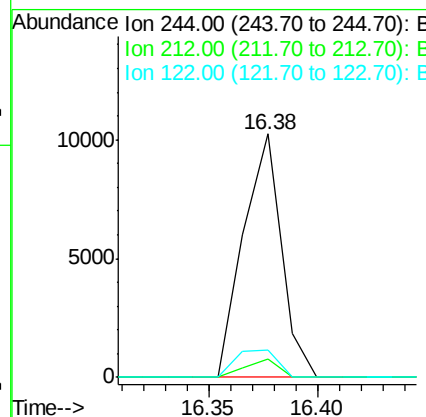
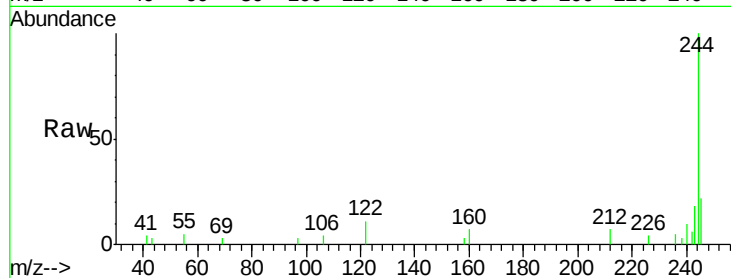




#78
 Terphenyl-d14
 Concen: 2.49 ng
 RT: 16.38 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF078763.D
 Acq: 23 Apr 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PS-22(UNDERCONCRETE)

Tot Ion:244 Resp: 12409
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 11.0 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.43 min Scan# 1596
 Delta R.T. -0.07 min
 Lab File: BF078763.D
 Acq: 23 Apr 2015 22:42

Tgt Ion:264 Resp: 109851
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.6 17.0 25.6

