

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097033.D
 Acq On : 25 Jul 2017 17:12
 Operator : SJ/JU
 Sample : I4398-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSEBLANK-SEDIMENT

Quant Time: Jul 26 01:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	144958	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	639129	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	285480	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	448254	20.00	ng	0.00
75) Chrysene-d12	13.62	240	268031	20.00	ng	0.00
86) Perylene-d12	14.97	264	174997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	624447	64.94	ng	0.00
7) Phenol-d6	6.16	99	418639	38.14	ng	-0.01
23) Nitrobenzene-d5	7.07	82	883854	81.13	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	264146	117.11	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1425602	84.75	ng	0.00
78) Terphenyl-d14	12.59	244	1030972	78.42	ng	0.00

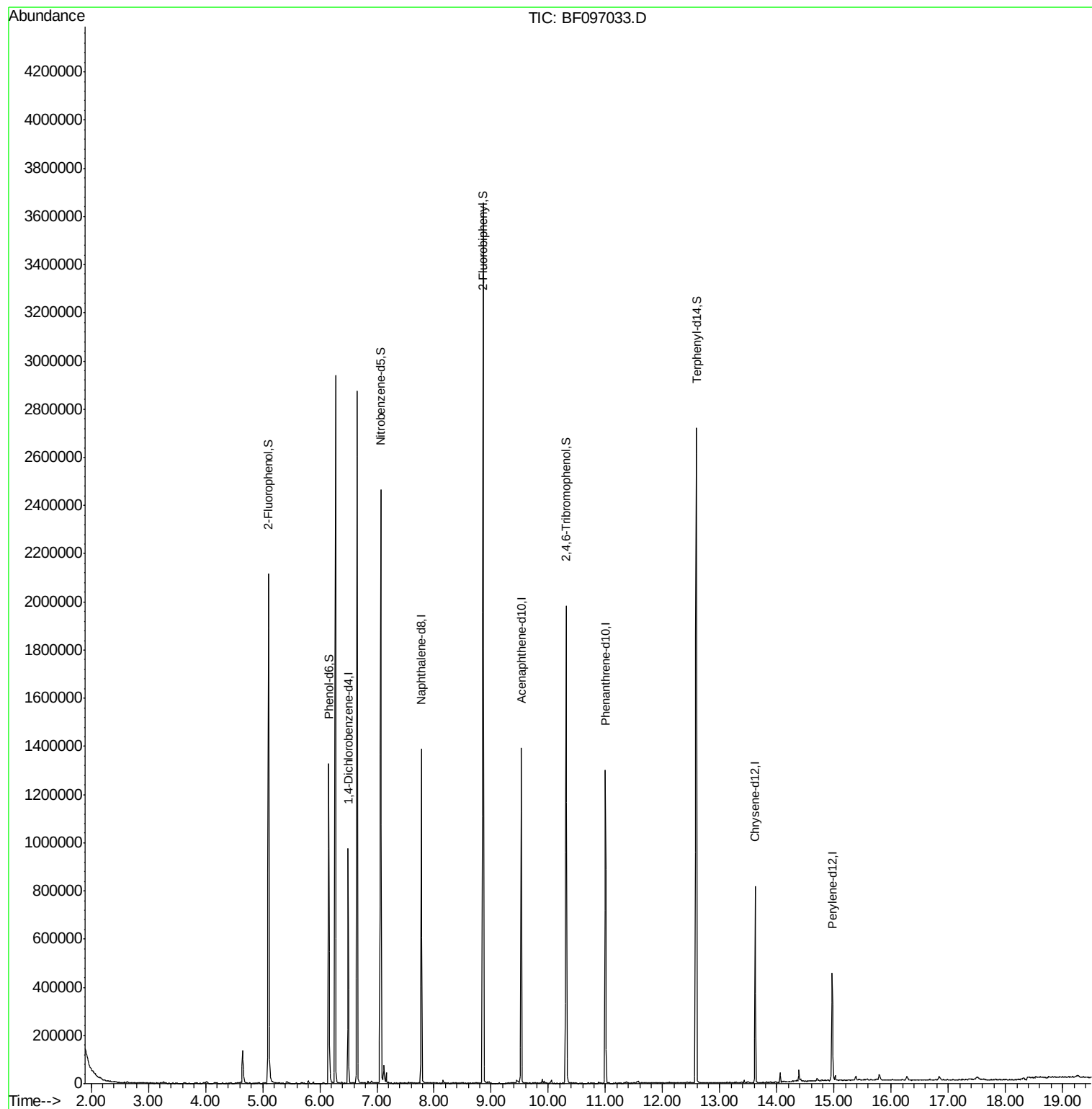
Target Compounds Qvalue

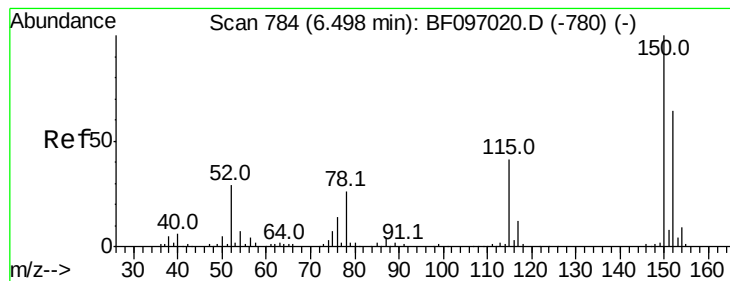
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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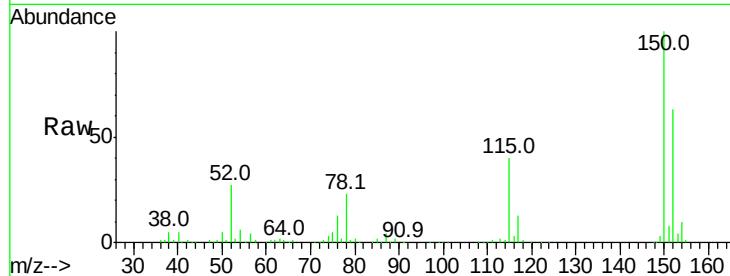


#1

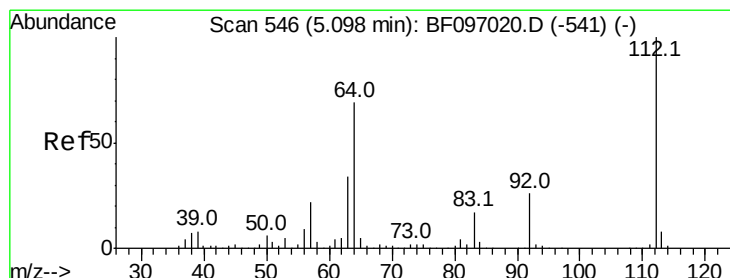
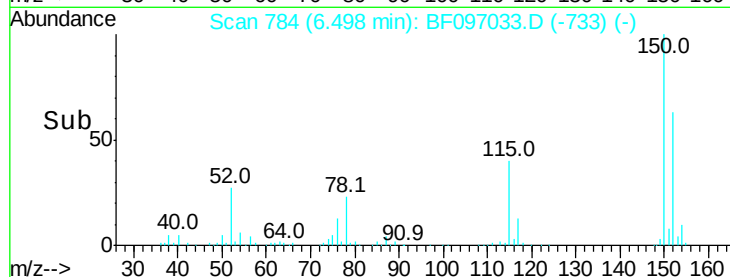
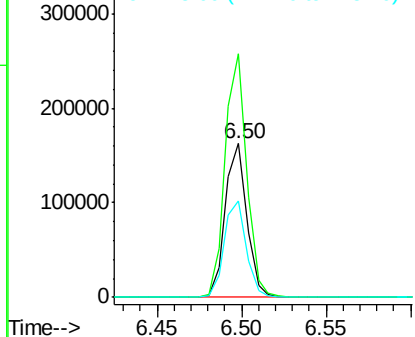
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 RINSEBLANK-SEDIMENT

Tot Ion:152 Resp: 144958
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 63.0 52.2 78.2



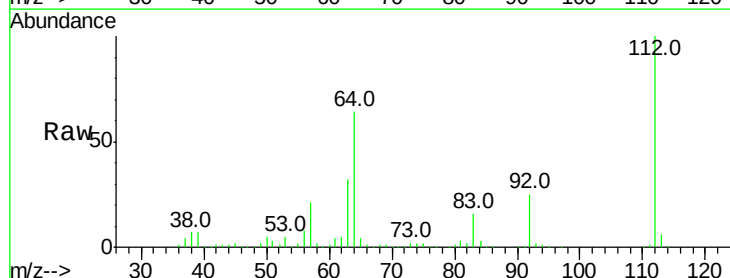
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



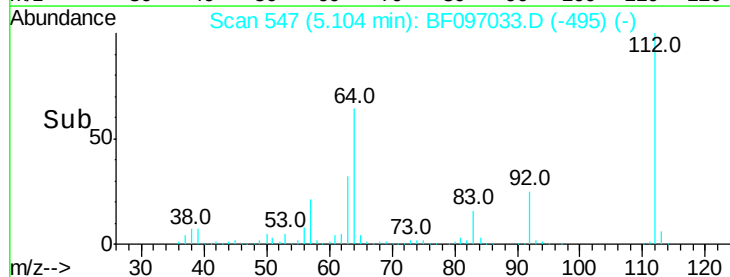
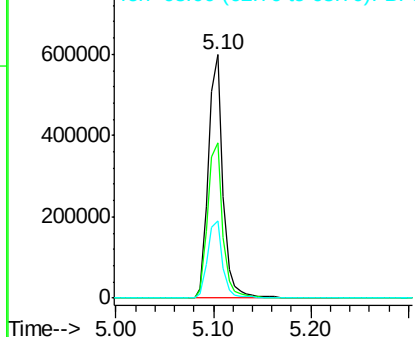
#5

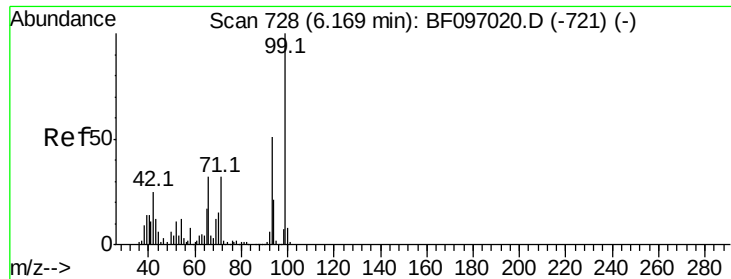
2-Fluorophenol
 Concen: 64.939 ng
 RT: 5.10 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Tgt Ion:112 Resp: 624447
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.0 69.0
 63 31.8 23.4 35.0



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: 38.136 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

RINSEBLANK-SEDIMENT

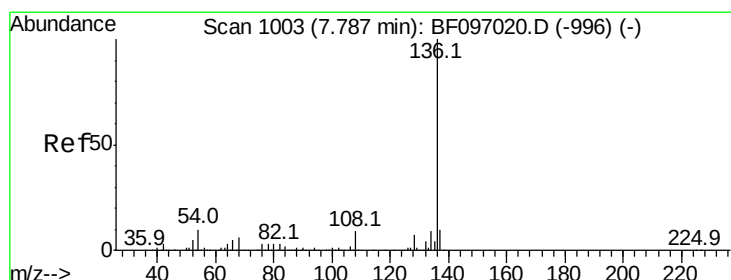
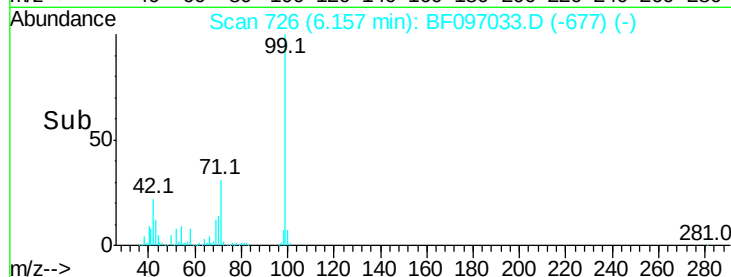
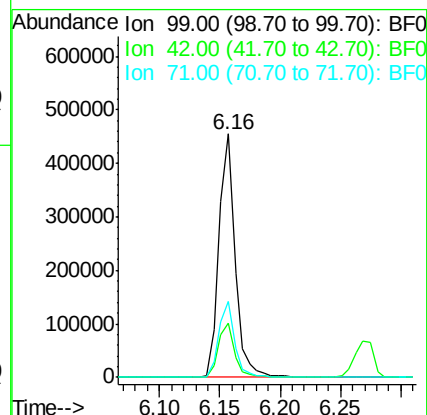
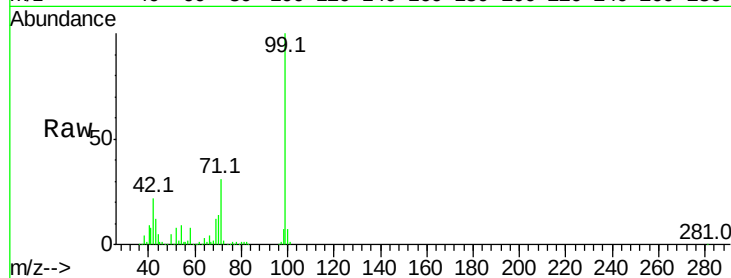
Tot Ion: 99 Resp: 418639

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

Tgt Ion: 136 Resp: 639129

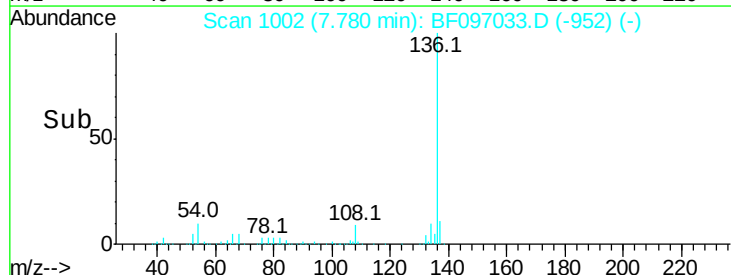
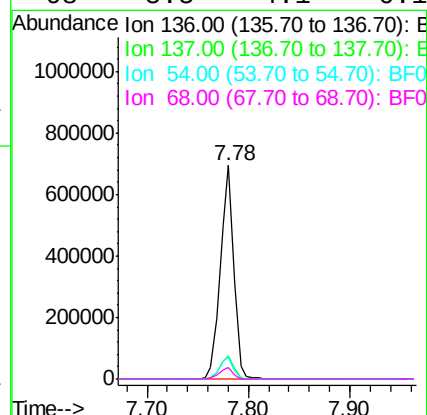
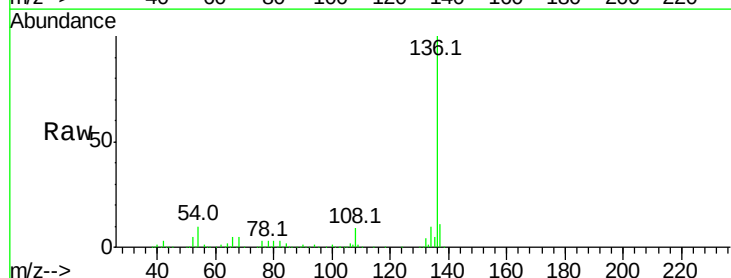
Ion Ratio Lower Upper

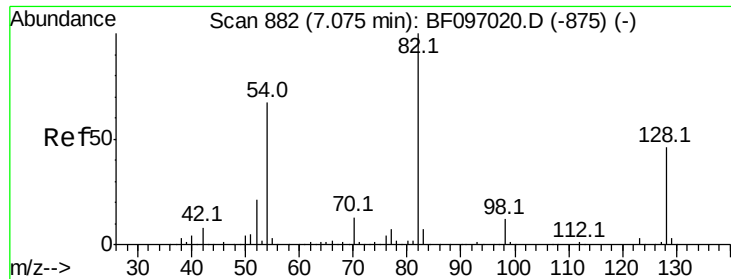
136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.5 4.1 6.1

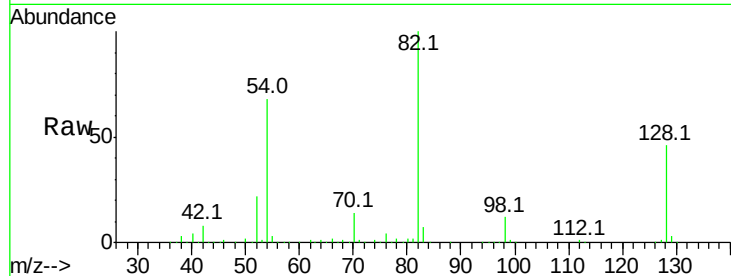




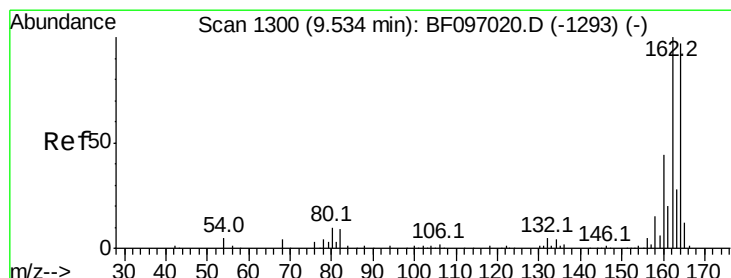
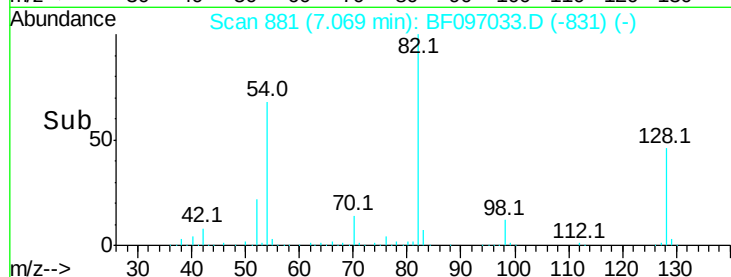
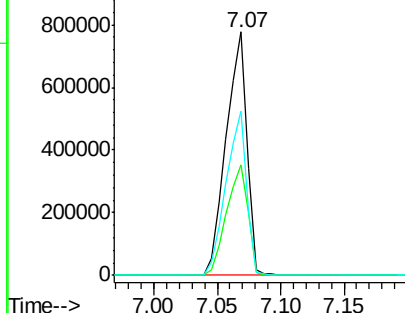
#23
 Nitrobenzene-d5
 Concen: 81.127 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 RINSEBLANK-SEDIMENT

Tot Ion: 82 Resp: 883854
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 67.7 42.2 63.2#

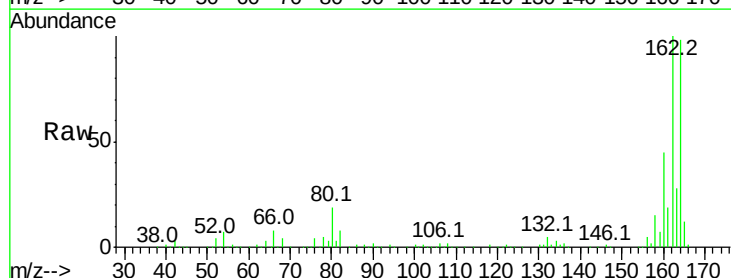


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

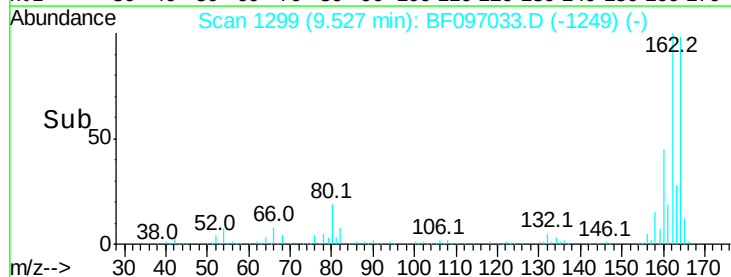
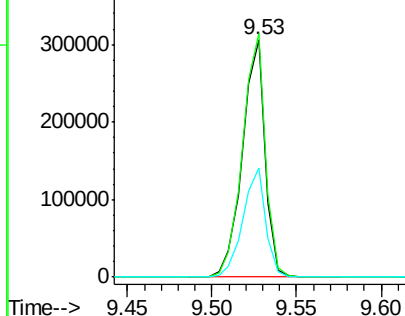


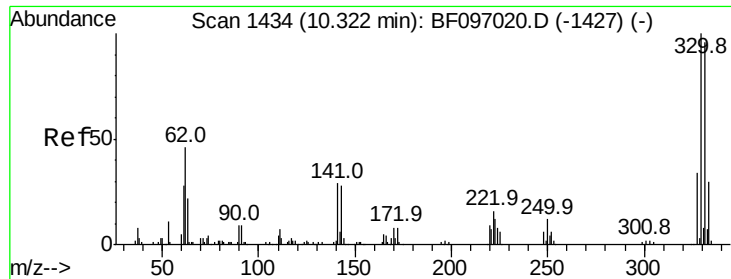
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Tgt Ion:164 Resp: 285480
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 46.1 36.2 54.2



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

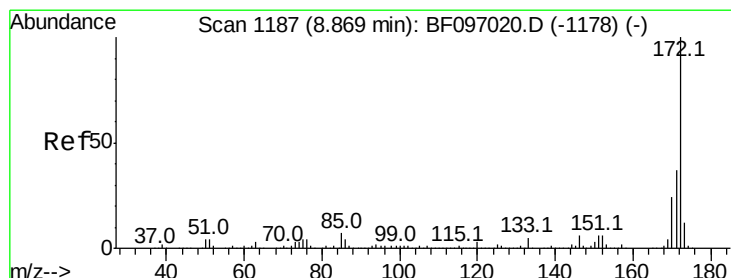
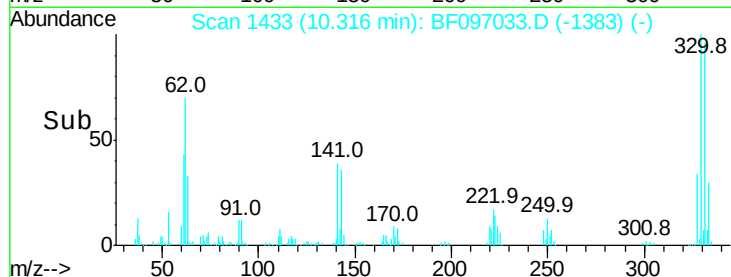
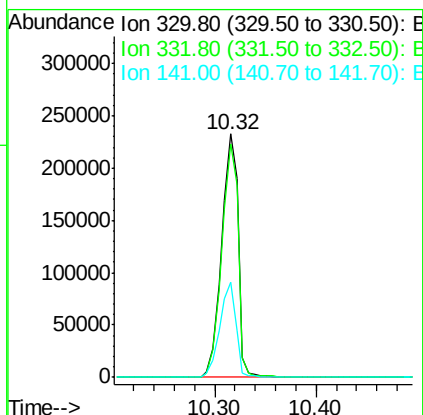
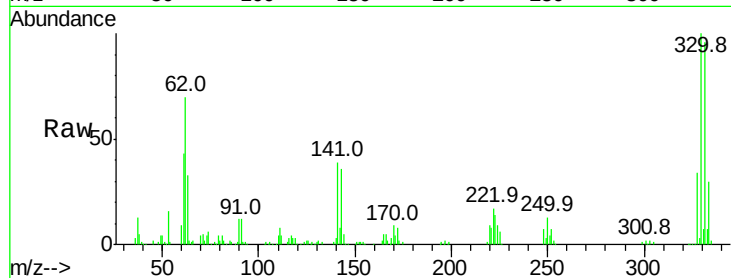




#41
 2,4,6-Tribromophenol
 Concen: 117.108 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

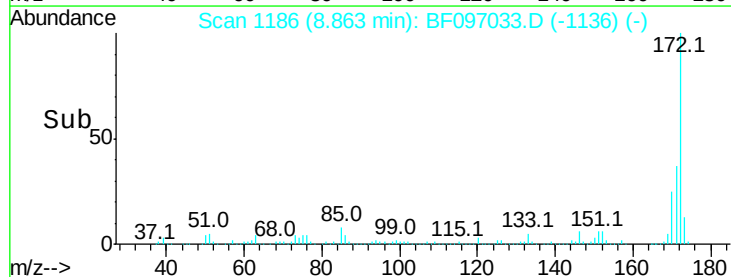
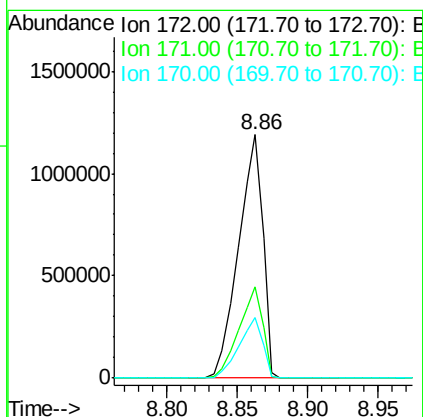
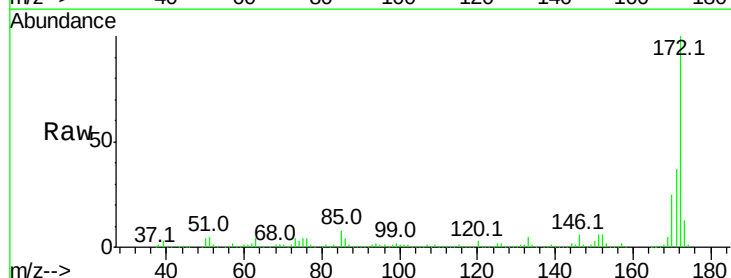
Instrument :
 BNA_F
 ClientSampleId :
 RINSEBLANK-SEDIMENT

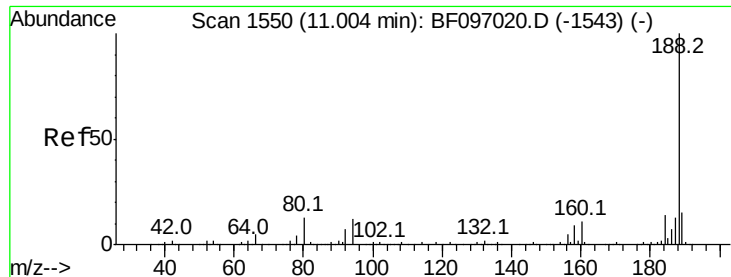
Tot Ion:330 Resp: 264146
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 84.748 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Tgt Ion:172 Resp: 1425602
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.8 19.8 29.8

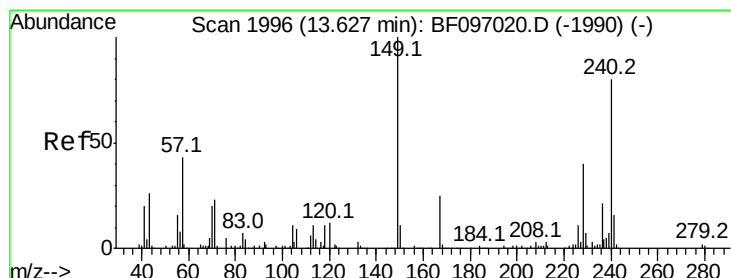
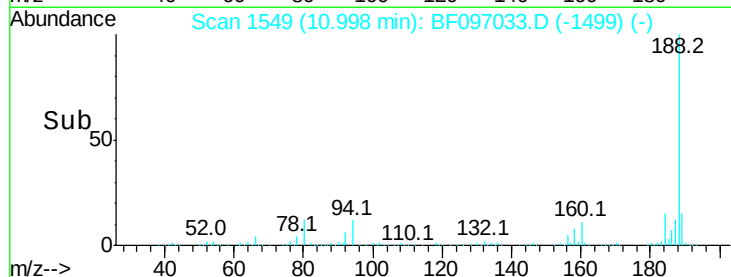
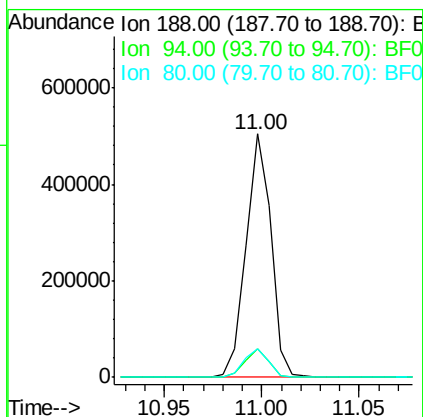
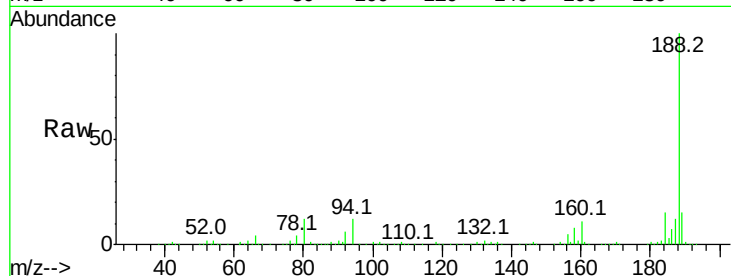




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

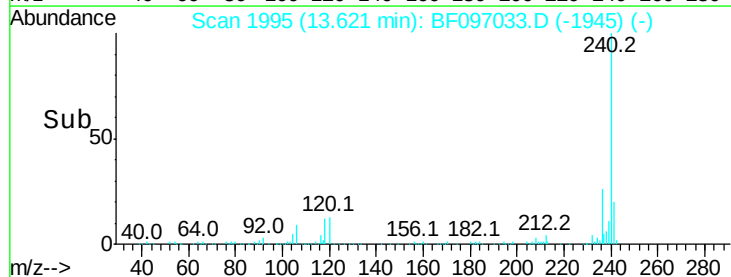
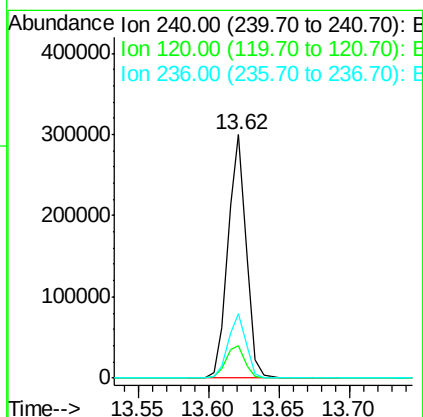
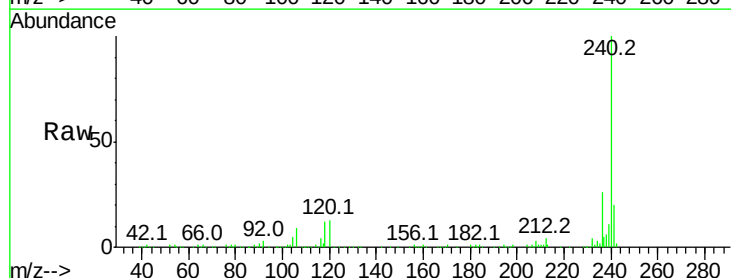
Instrument :
BNA_F
ClientSampleId :
RINSEBLANK-SEDIMENT

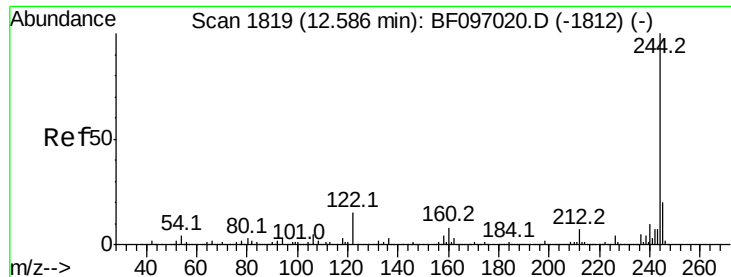
Tot Ion:188 Resp: 448254
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion:240 Resp: 268031
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 78.424 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

RINSEBLANK-SEDIMENT

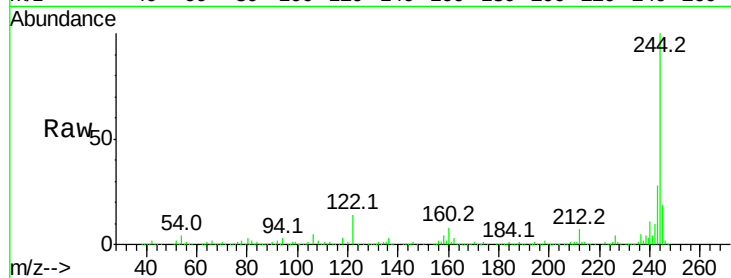
Tot Ion:244 Resp: 1030972

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

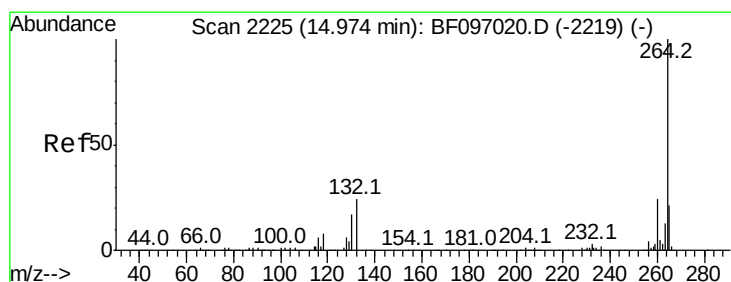
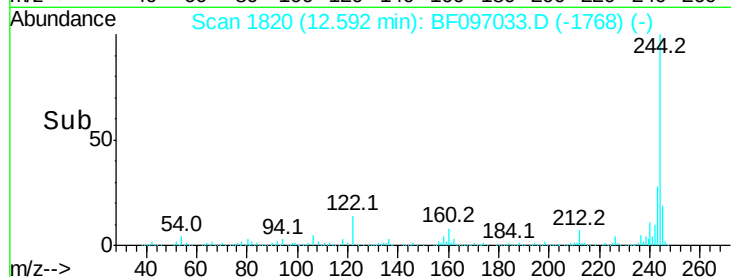
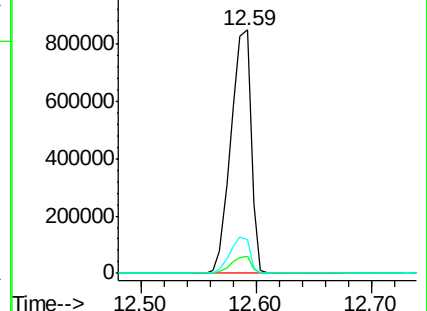
122 13.9 10.3 15.5



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: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

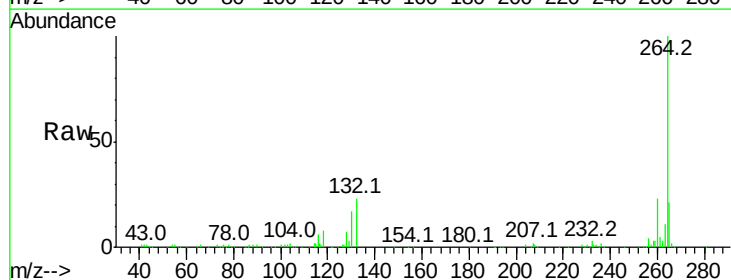
Tgt Ion:264 Resp: 174997

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.3 17.2 25.8



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

