

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106493.D
 Acq On : 15 Jun 2018 15:54
 Operator : JU/SJ
 Sample : J3490-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BASE

Quant Time: Jun 16 00:09:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

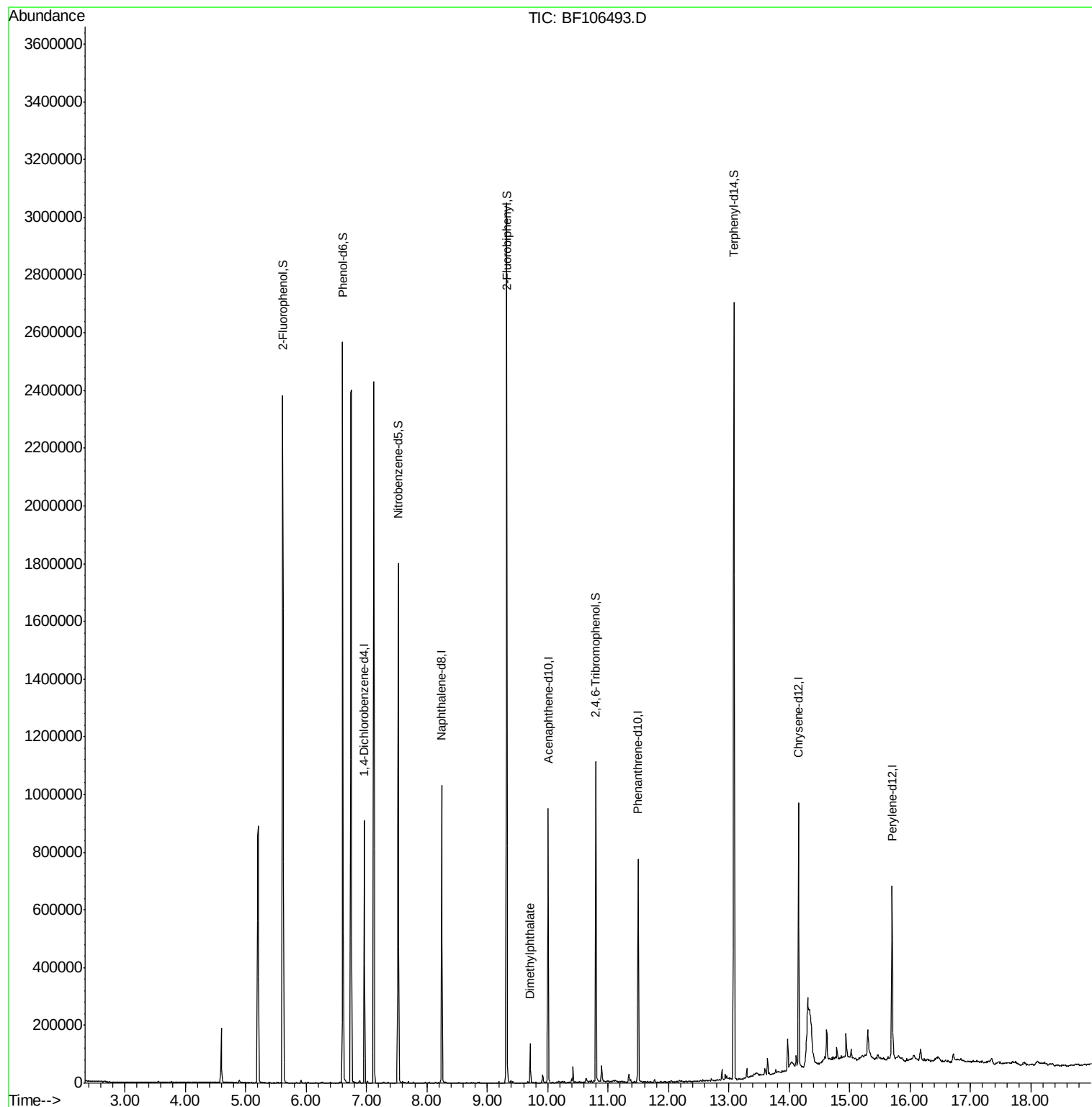
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114774	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	419053	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174297	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	278531	20.00	ng	0.00
75) Chrysene-d12	14.15	240	299703	20.00	ng	0.00
86) Perylene-d12	15.70	264	274146	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	669322	98.70	ng	0.00
7) Phenol-d6	6.61	99	883459	103.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	621424	87.24	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	132310	78.90	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1000166	112.45	ng	0.00
78) Terphenyl-d14	13.08	244	893434	74.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	52841	4.243	ng	Qvalue 98

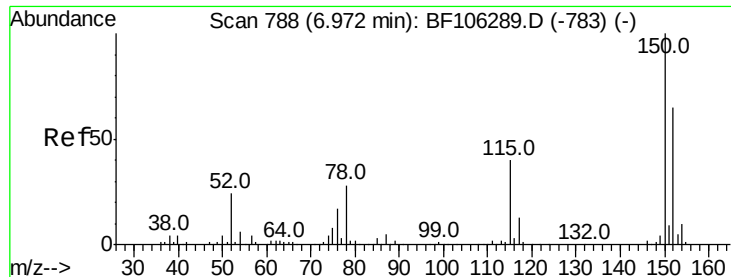
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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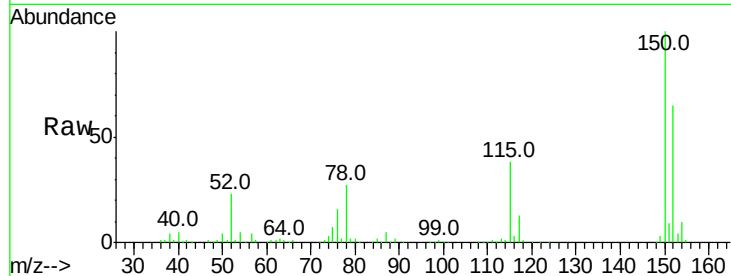


#1

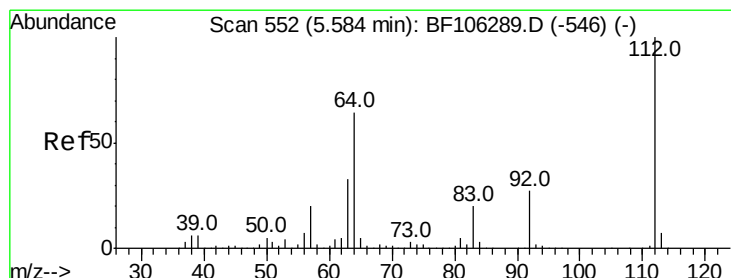
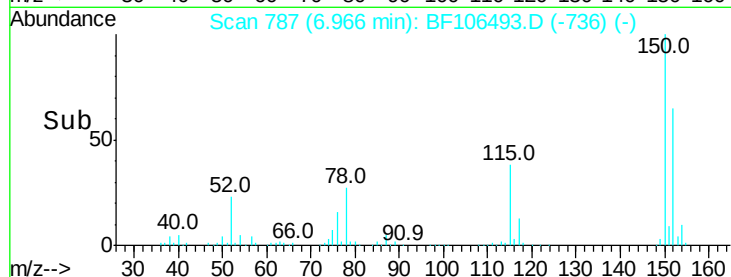
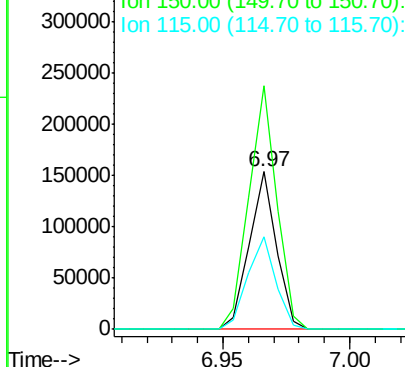
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106493.D
Acq: 15 Jun 2018 15:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BASE

Tot Ion:152 Resp: 114774
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.1 50.1 75.1



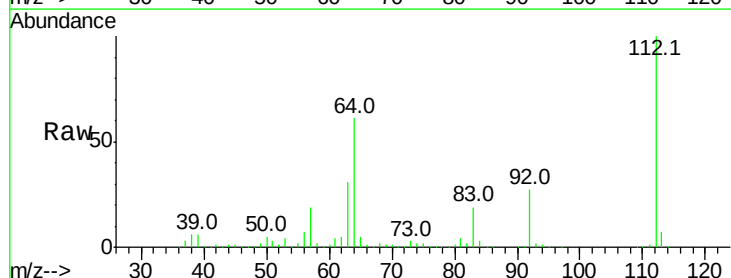
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



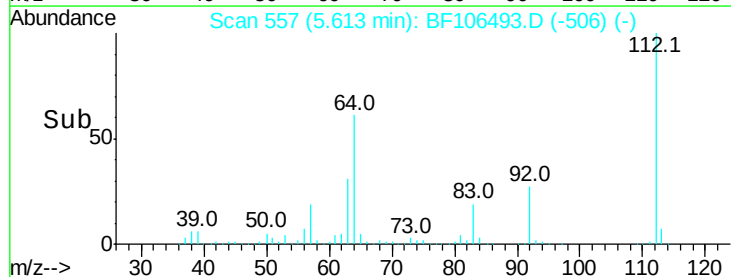
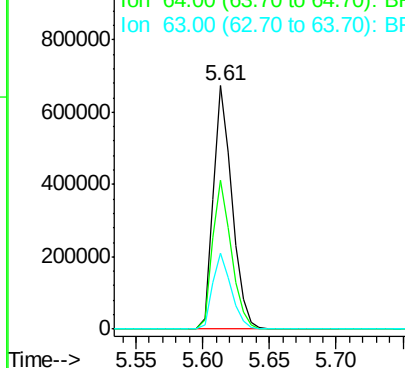
#5

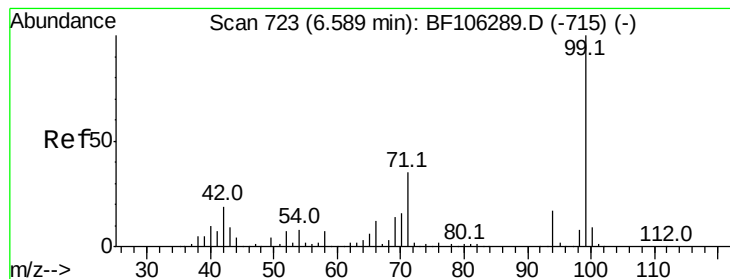
2-Fluorophenol
Concen: 98.701 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106493.D
Acq: 15 Jun 2018 15:54

Tgt Ion:112 Resp: 669322
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.1 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: 103.116 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BASE

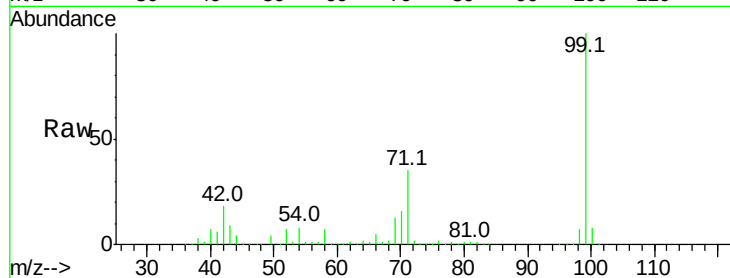
Tot Ion: 99 Resp: 883459

Ion Ratio Lower Upper

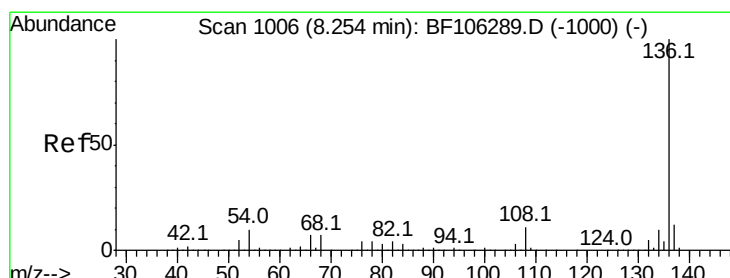
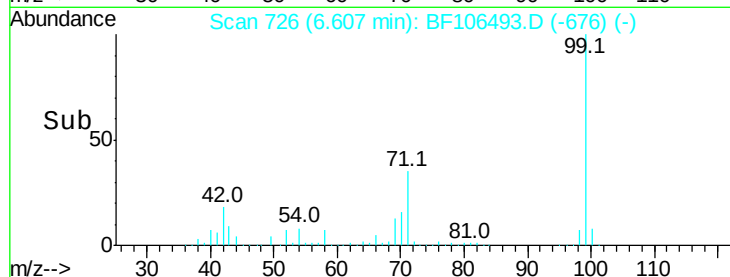
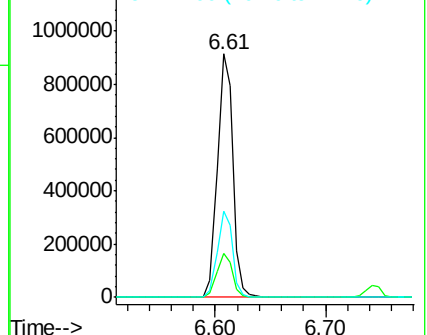
99 100

42 18.1 14.5 21.7

71 35.3 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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

Tgt Ion: 136 Resp: 419053

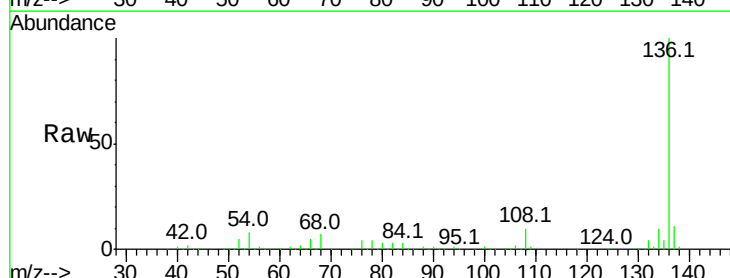
Ion Ratio Lower Upper

136 100

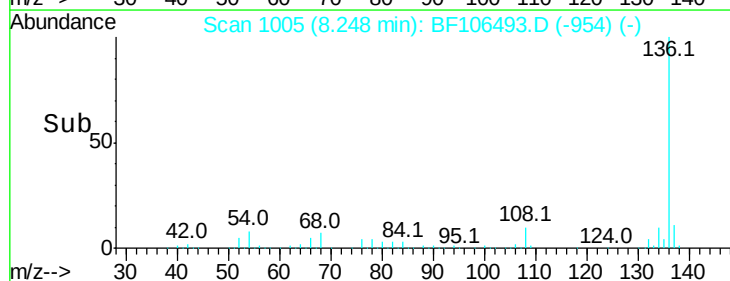
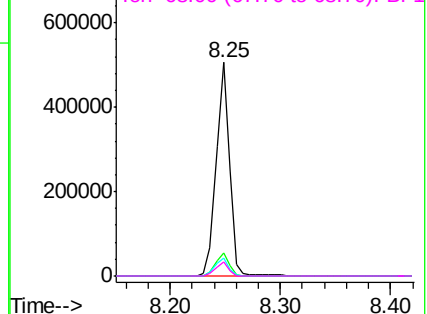
137 10.9 8.9 13.3

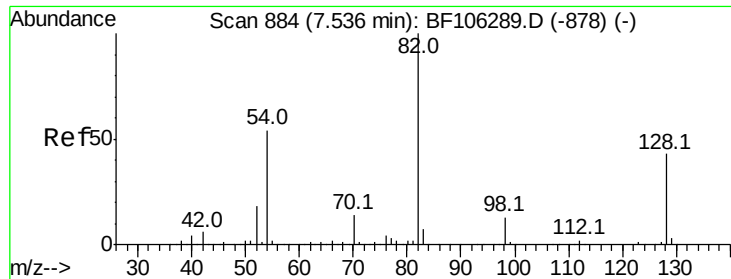
54 8.5 6.6 9.8

68 6.8 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

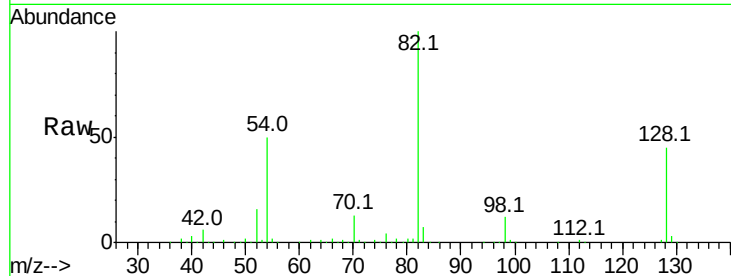




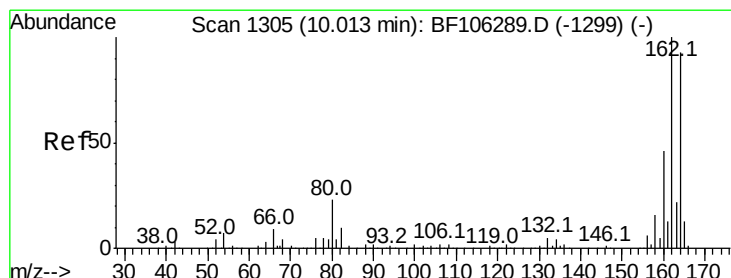
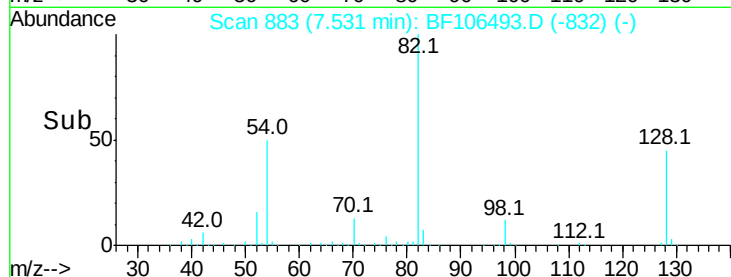
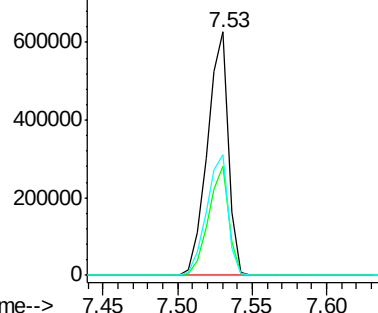
#23
Nitrobenzene-d5
Concen: 87.238 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106493.D
Acq: 15 Jun 2018 15:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BASE

Tot Ion: 82 Resp: 621424
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 49.6 41.4 62.2

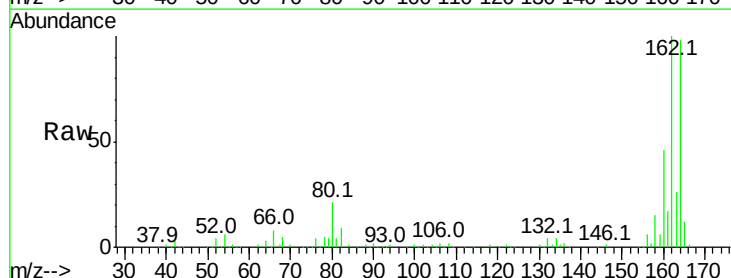


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

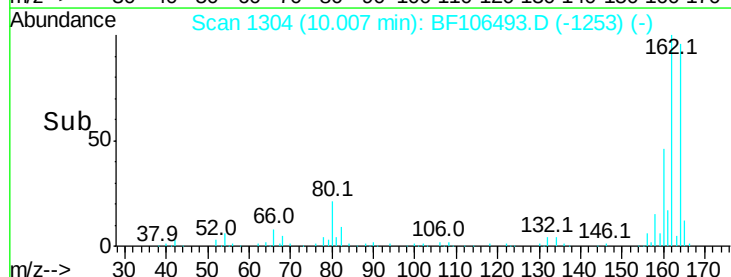
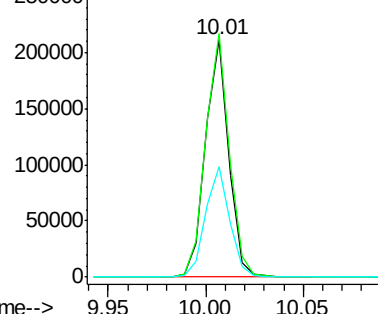


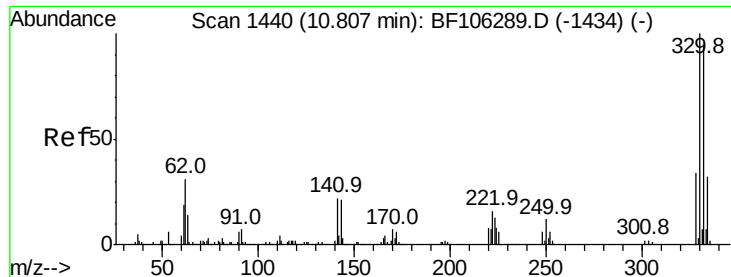
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106493.D
Acq: 15 Jun 2018 15:54

Tgt Ion:164 Resp: 174297
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

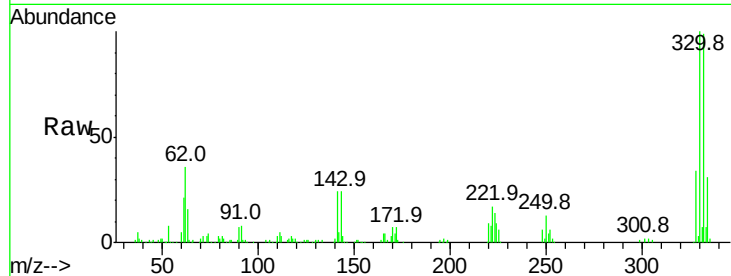




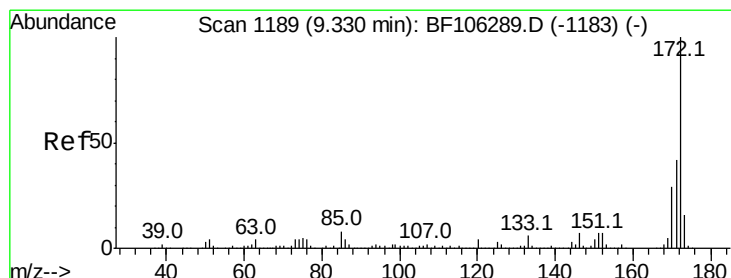
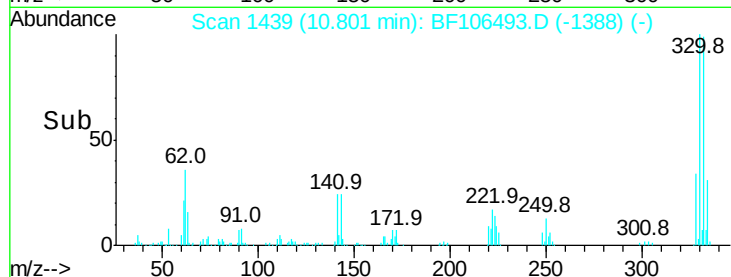
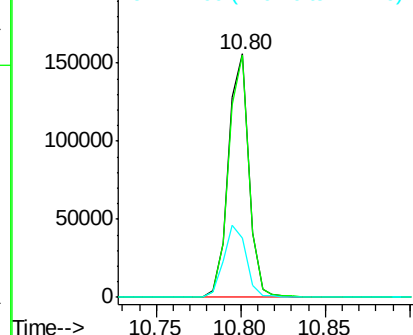
#41
 2,4,6-Tribromophenol
 Concen: 78.895 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106493.D
 Acq: 15 Jun 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	32.5	29.9	44.9

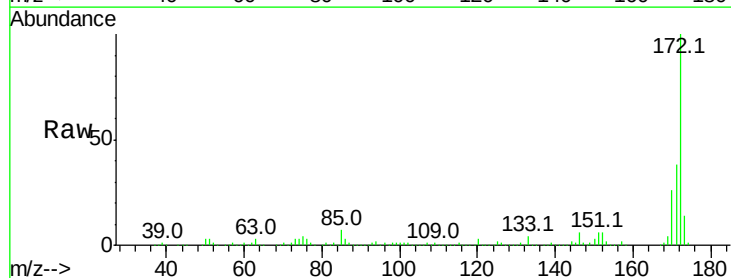


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

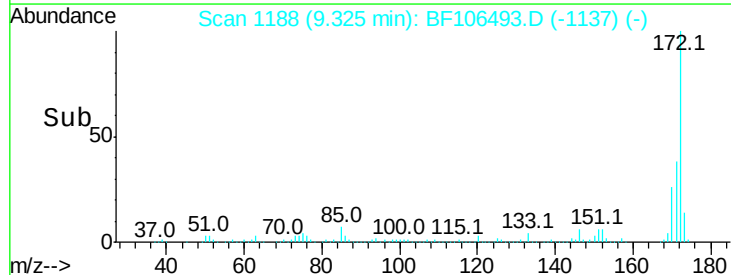
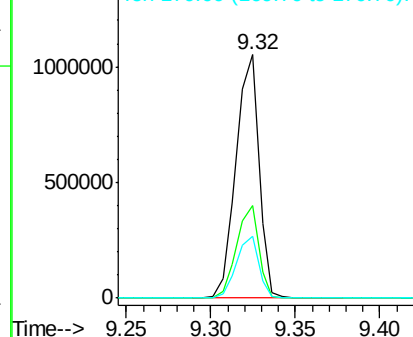


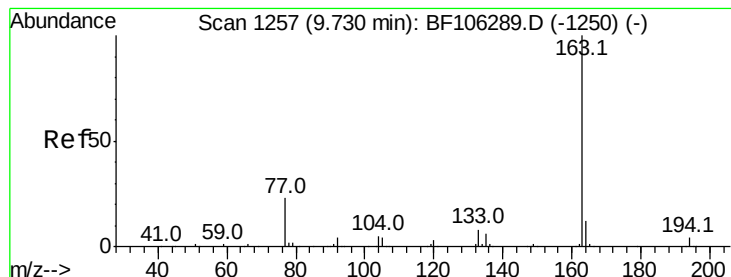
#44
 2-Fluorobiphenyl
 Concen: 112.453 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106493.D
 Acq: 15 Jun 2018 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.6	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: 4.243 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BASE

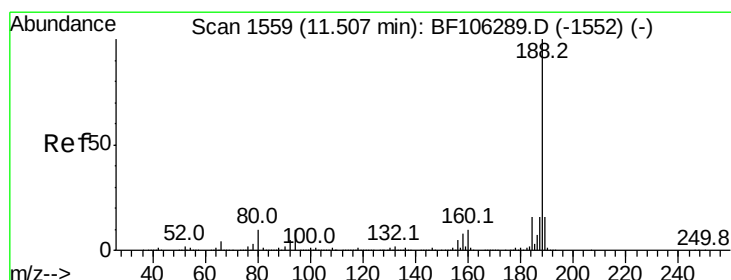
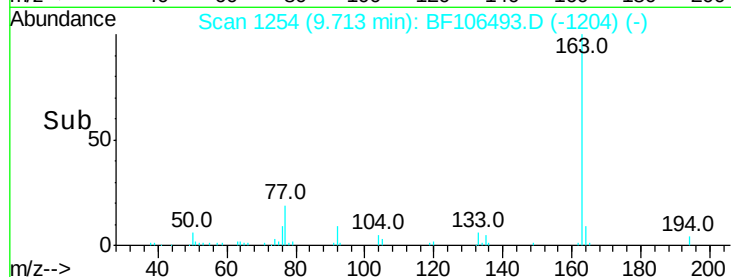
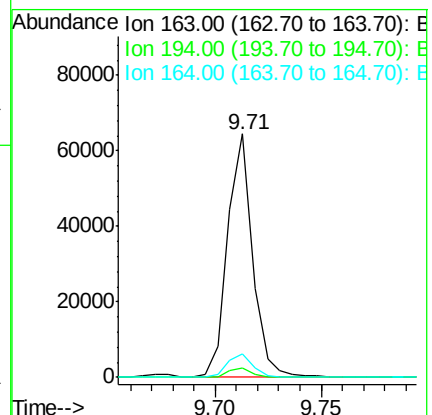
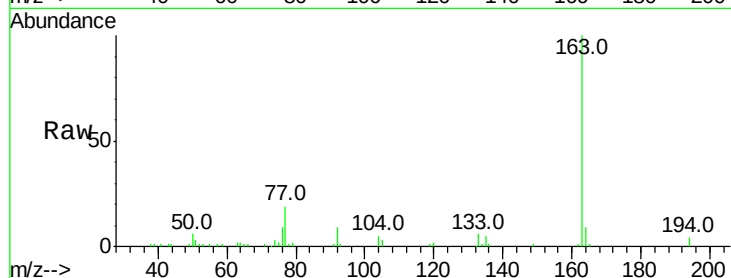
Tot Ion:163 Resp: 52841

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

164 9.5 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

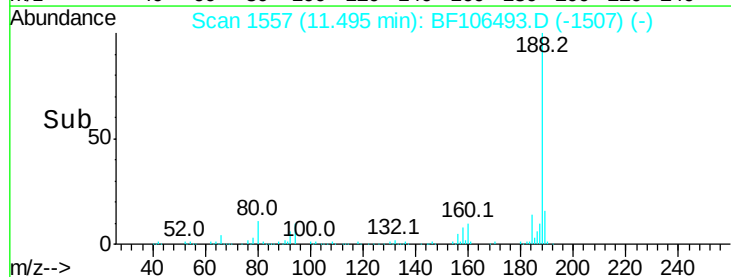
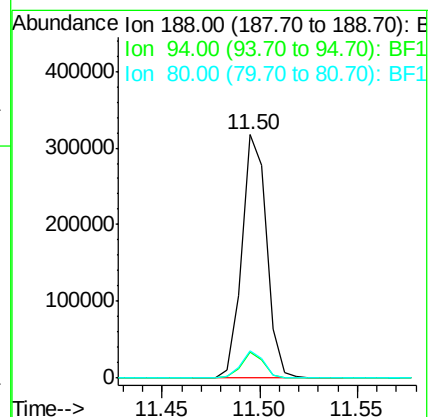
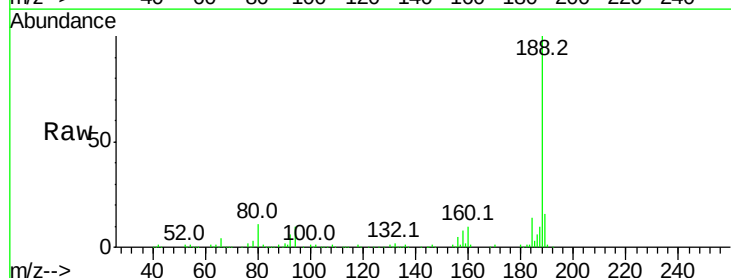
Tgt Ion:188 Resp: 278531

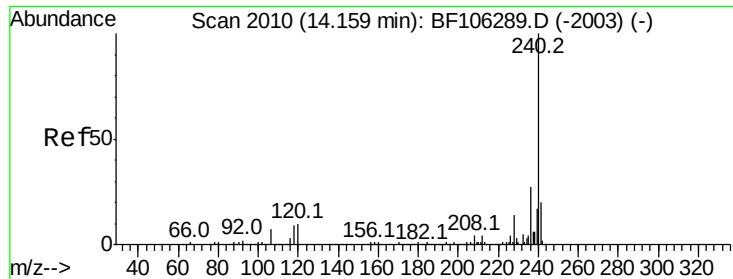
Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BASE

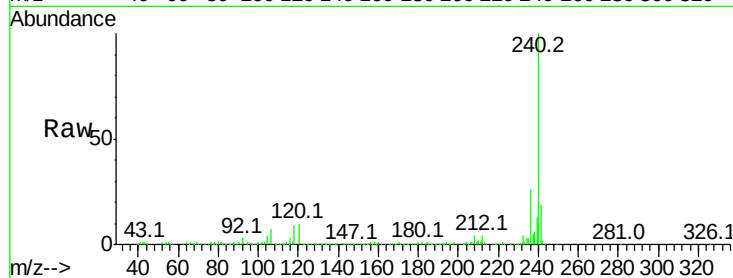
Tot Ion:240 Resp: 299703

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

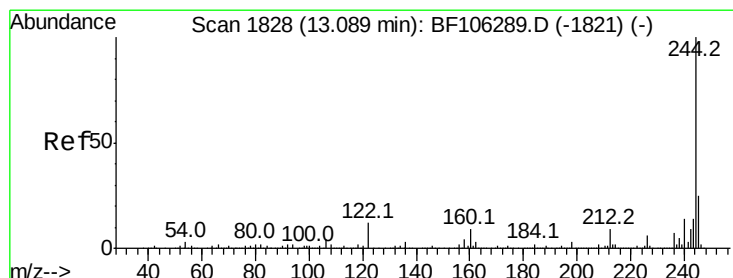
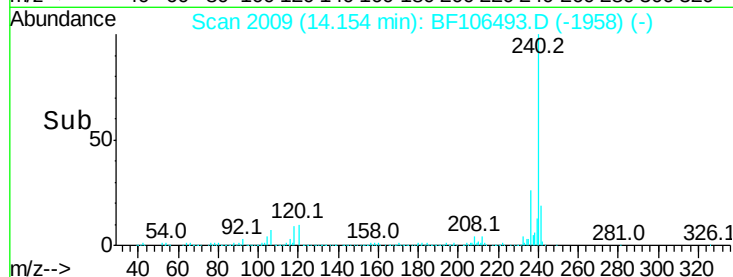
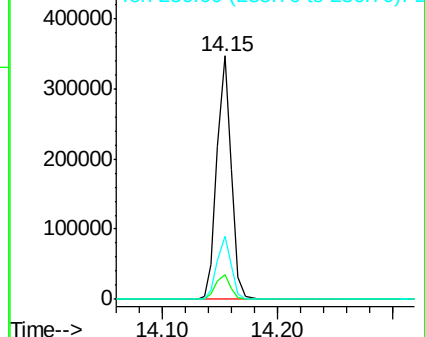
236 25.9 20.7 31.1



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: 74.043 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106493.D

Acq: 15 Jun 2018 15:54

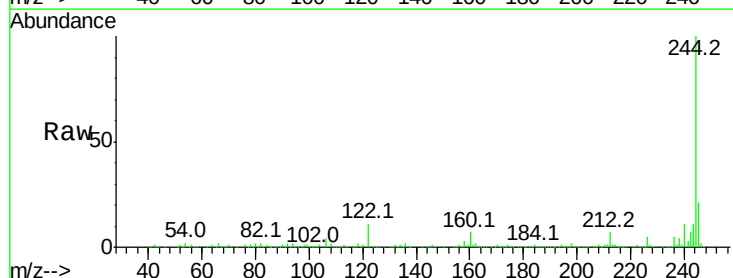
Tgt Ion:244 Resp: 893434

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

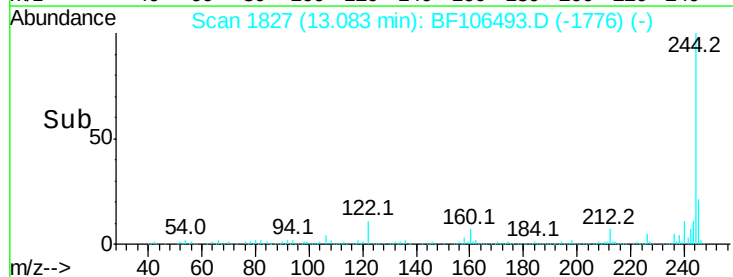
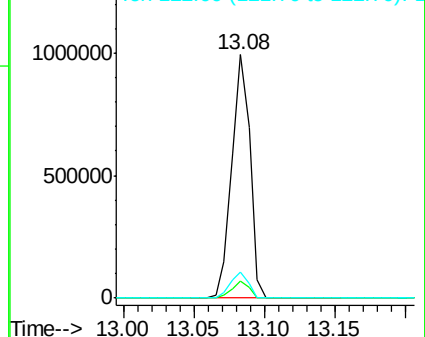
122 10.8 11.0 16.4#

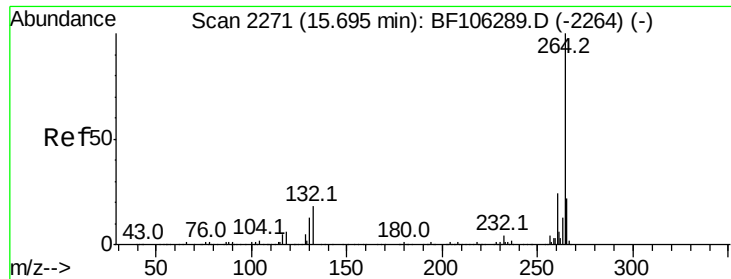


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106493.D
Acq: 15 Jun 2018 15:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BASE

Tot Ion: 264 Resp: 274146
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.2 17.5 26.3

