

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088398.D
 Acq On : 26 Jun 2016 3:38
 Operator : UM/SJ
 Sample : H3766-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Quant Time: Jun 26 04:16:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	65506m	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	264160	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	113133	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	179348	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	142987	20.00	ng	-0.06
86) Perylene-d12	15.04	264	111616	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	425173	110.96	ng	-0.03
7) Phenol-d6	6.23	99	485938	104.64	ng	-0.03
23) Nitrobenzene-d5	7.14	82	353351	78.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.38	330	110076	92.15	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	646873	90.16	ng	-0.05
78) Terphenyl-d14	12.65	244	521866	83.05	ng	-0.05

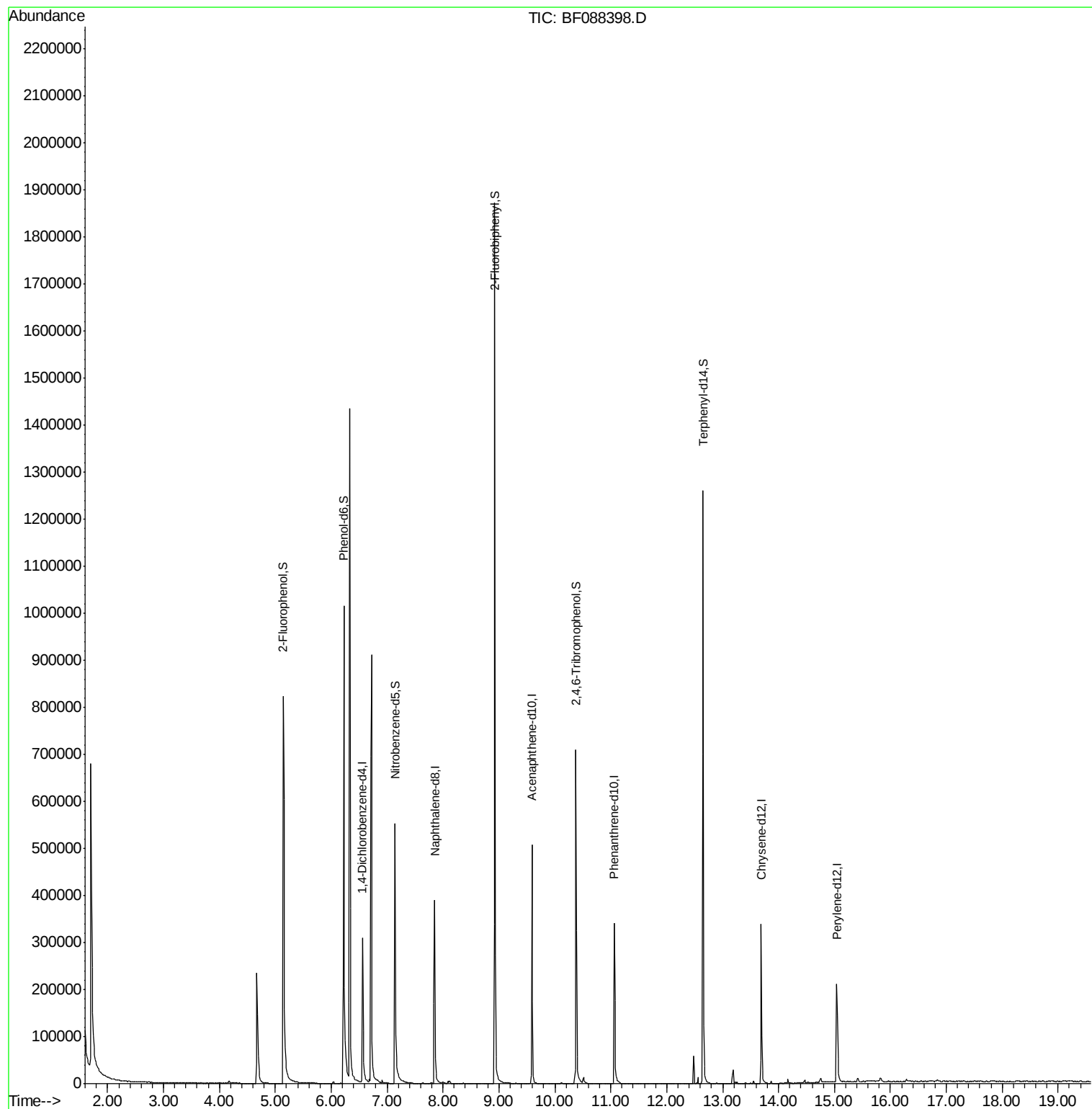
Target Compounds Qvalue

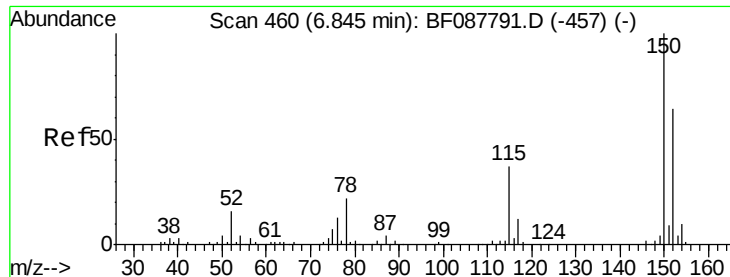
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088398.D
Acq On : 26 Jun 2016 3:38
Operator : UM/SJ
Sample : H3766-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Quant Time: Jun 26 04:16:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088398.D

Acq: 26 Jun 2016 3:38

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

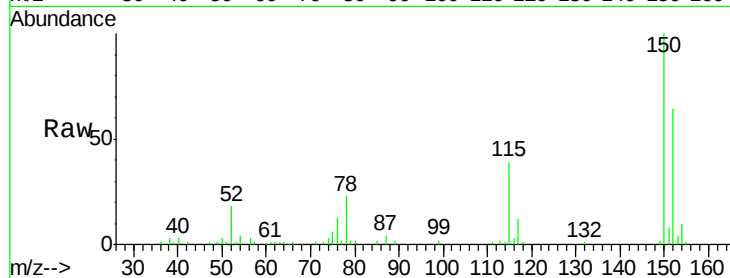
Tot Ion:152 Resp: 65506

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

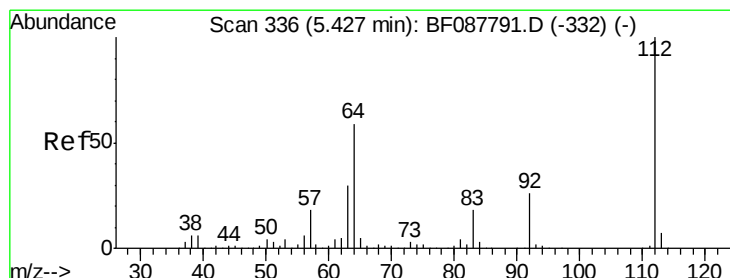
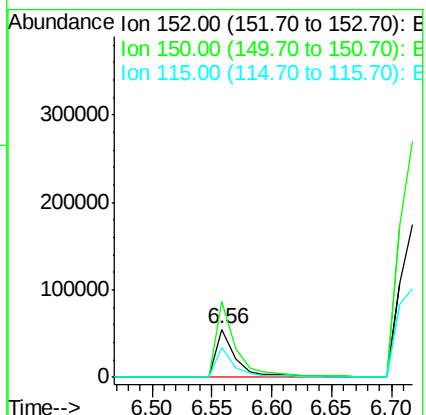
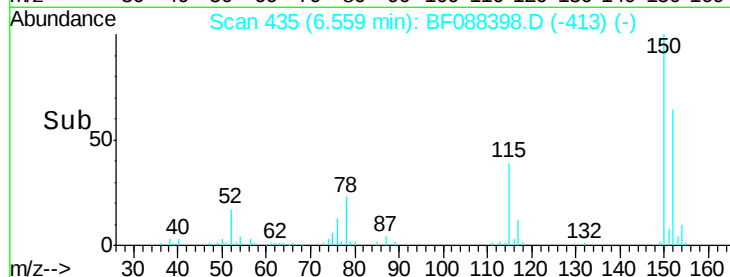
115 61.3 39.6 59.4#



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: 110.96 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088398.D

Acq: 26 Jun 2016 3:38

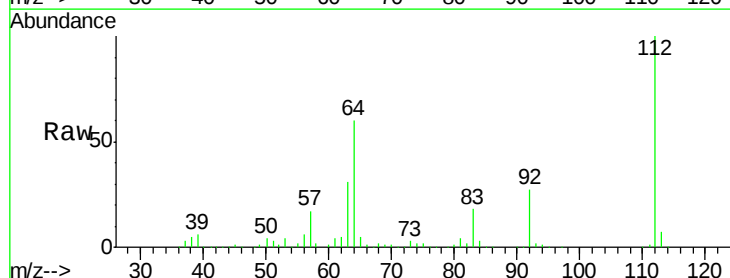
Tgt Ion:112 Resp: 425173

Ion Ratio Lower Upper

112 100

64 59.9 42.2 63.2

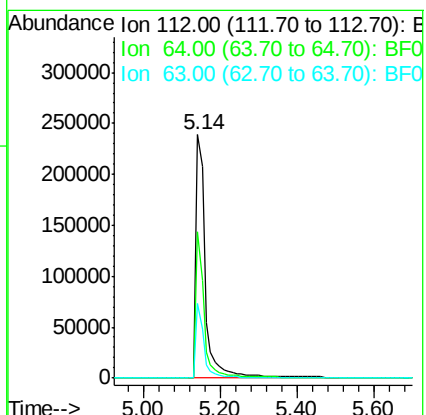
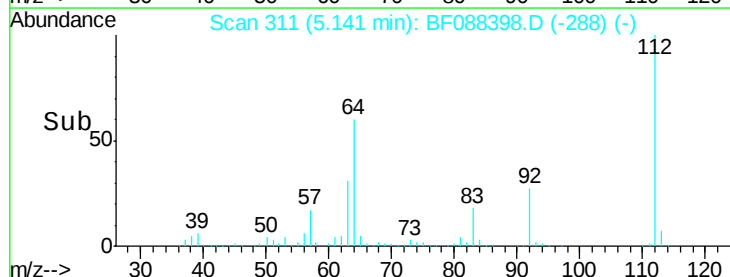
63 30.7 21.8 32.8



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: 104.64 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088398.D

Acq: 26 Jun 2016 3:38

Instrument :

BNA_F

ClientSampled :

FIELDBLANK

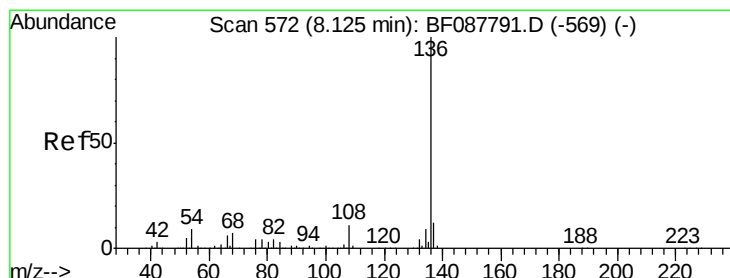
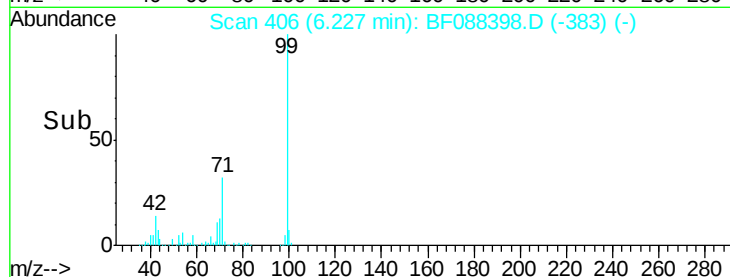
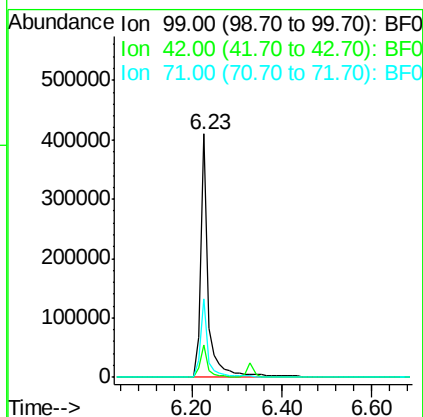
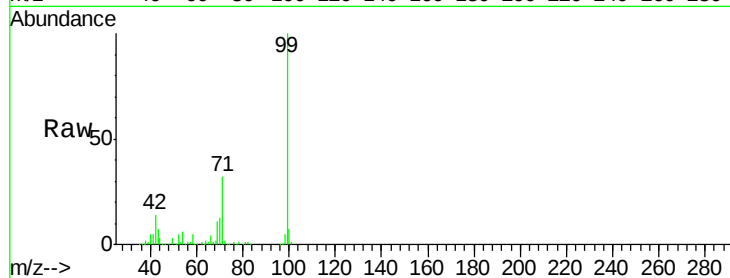
Tot Ion: 99 Resp: 485938

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.2

71 32.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088398.D

Acq: 26 Jun 2016 3:38

Tgt Ion: 136 Resp: 264160

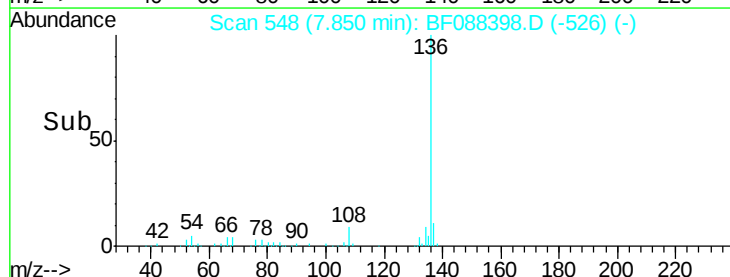
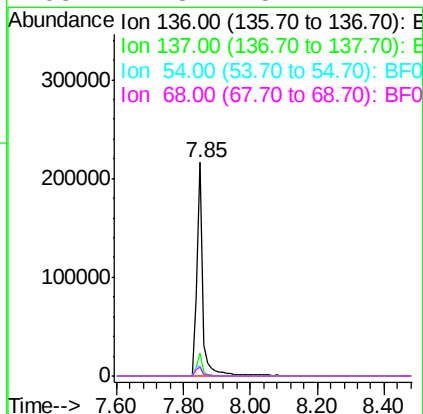
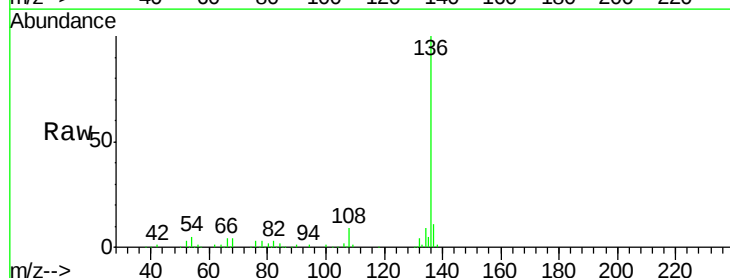
Ion Ratio Lower Upper

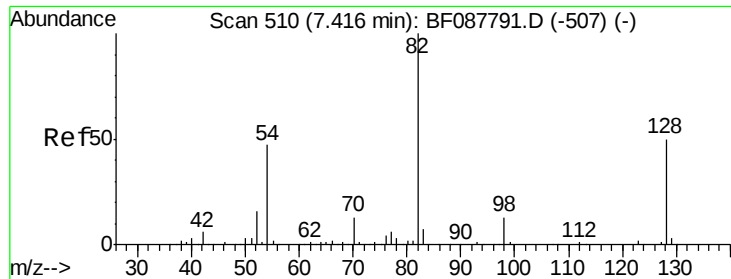
136 100

137 10.6 9.1 13.7

54 4.9 6.6 10.0#

68 4.3 5.1 7.7#

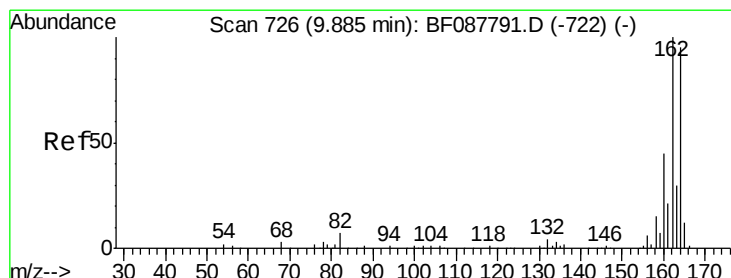
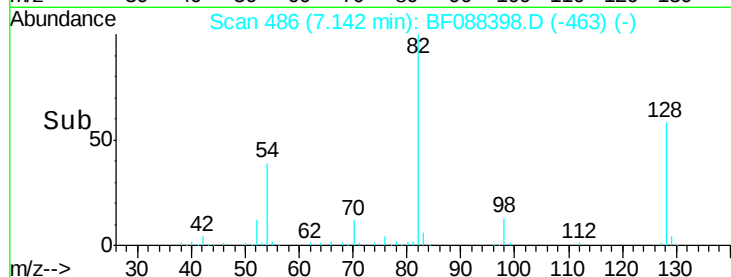
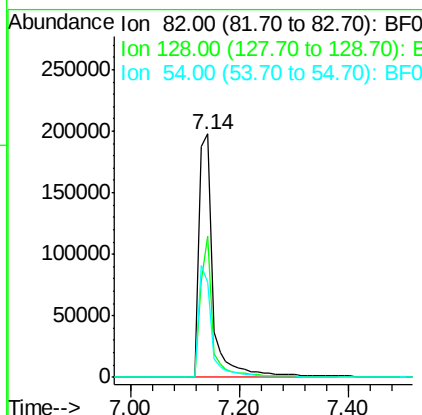
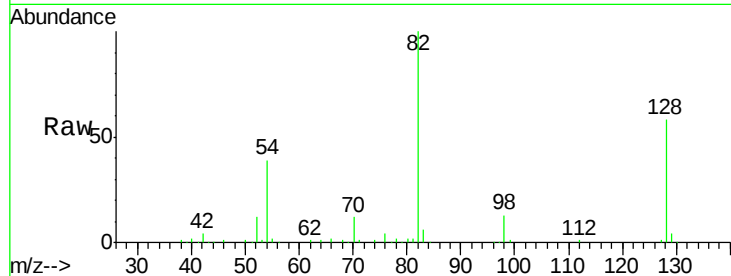




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

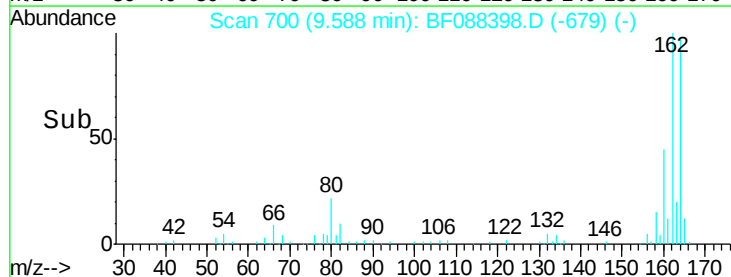
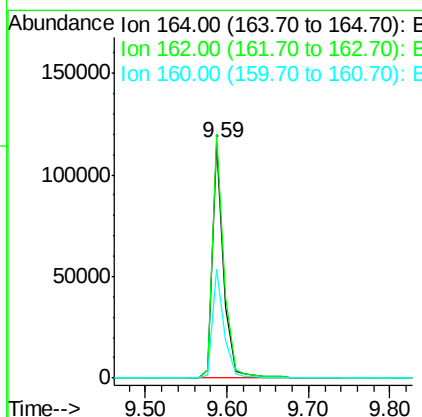
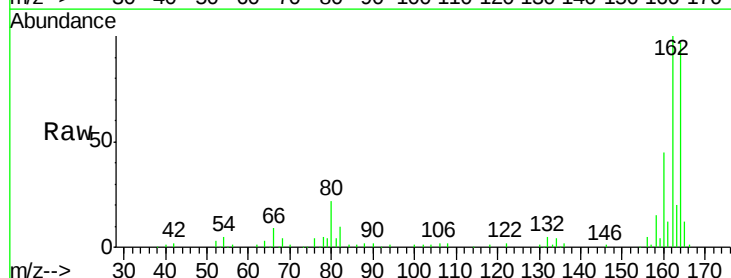
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

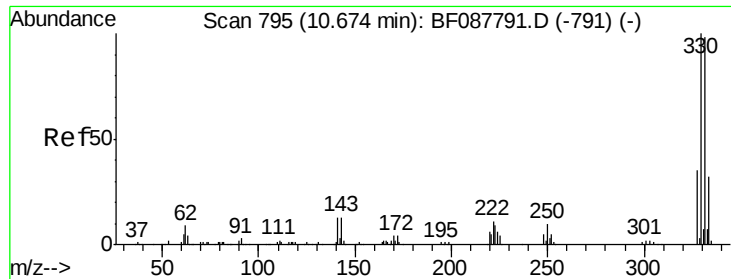
Tot Ion: 82 Resp: 353351
 Ion Ratio Lower Upper
 82 100
 128 58.1 35.9 53.9#
 54 39.1 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

Tgt Ion:164 Resp: 113133
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 46.3 39.5 59.3

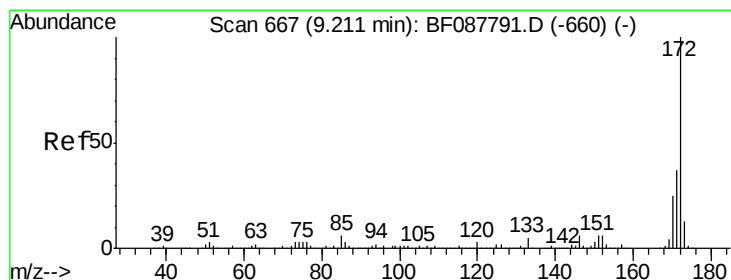
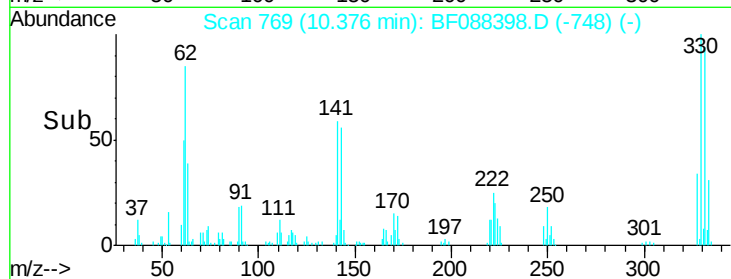
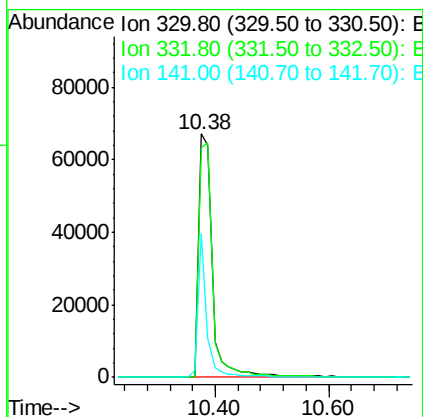
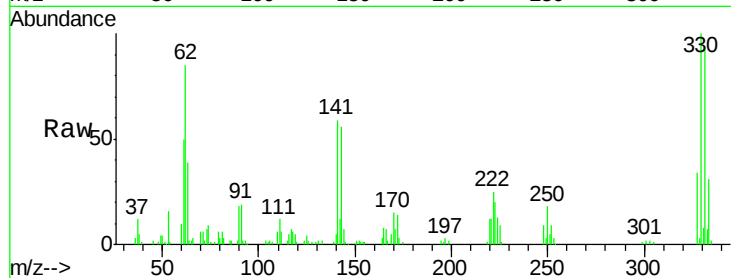




#41
 2,4,6-Tribromophenol
 Concen: 92.15 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

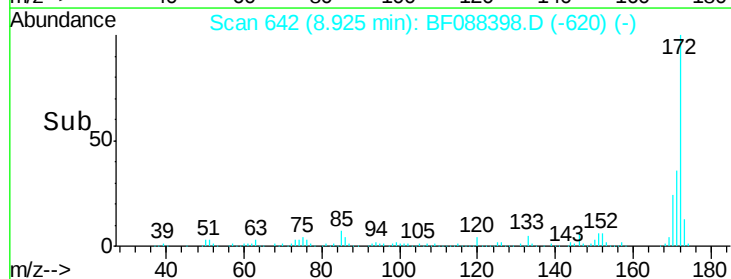
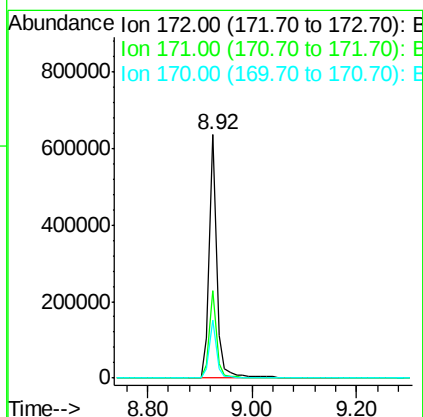
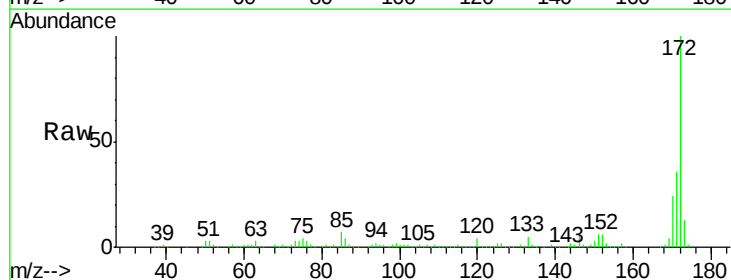
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

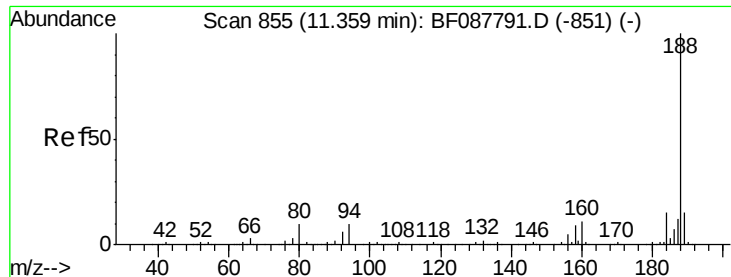
Tot Ion:330 Resp: 110076
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 37.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

Tgt Ion:172 Resp: 646873
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.2 28.8

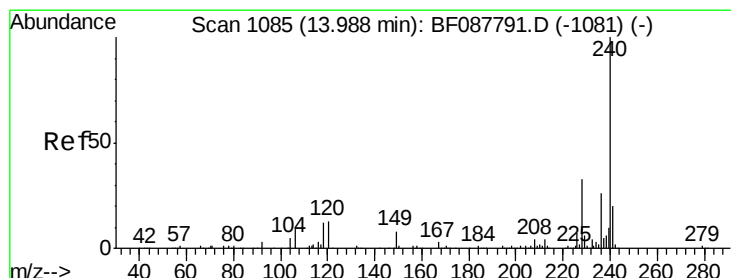
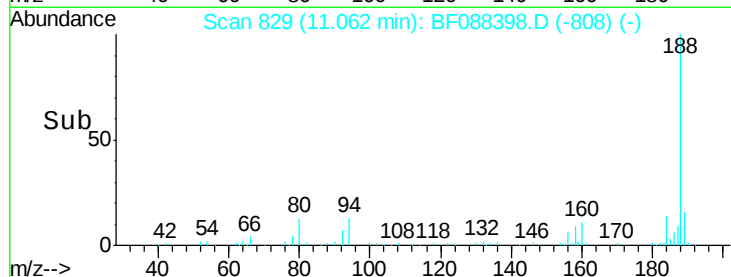
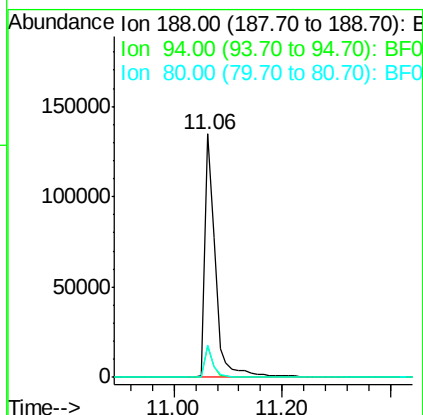
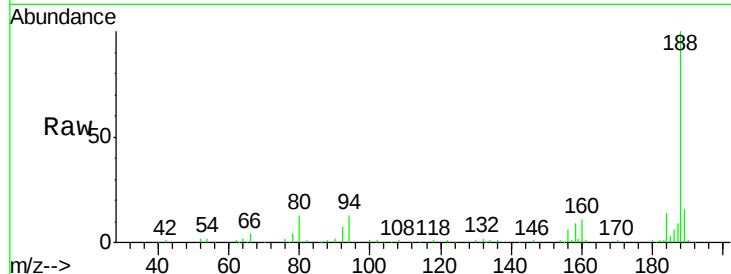




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088398.D
Acq: 26 Jun 2016 3:38

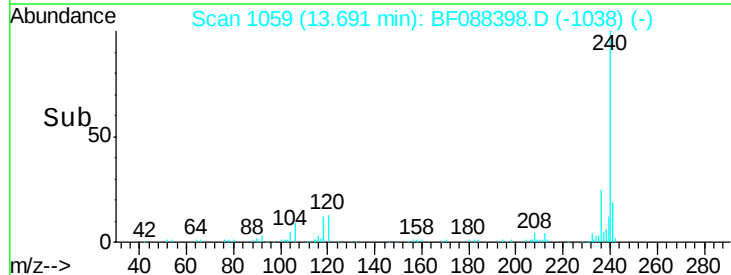
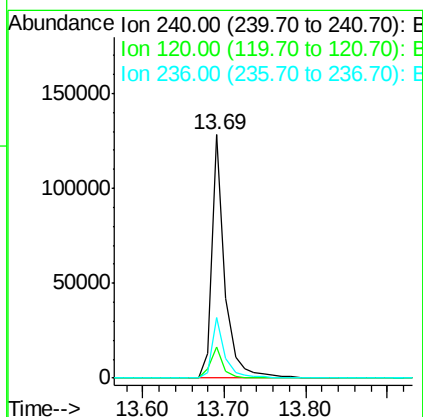
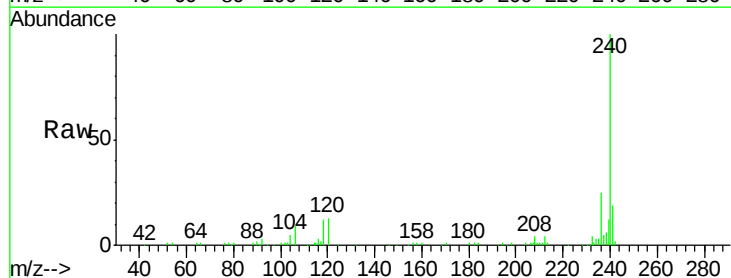
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

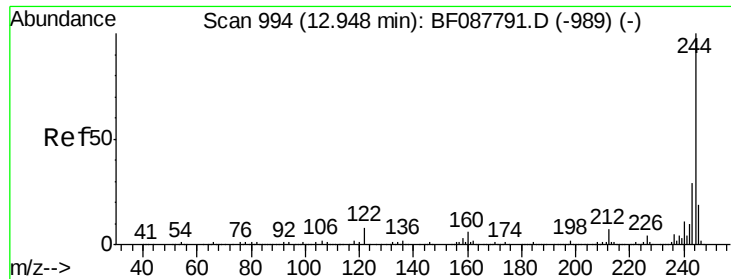
Tot Ion:188 Resp: 179348
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.6
80 13.4 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088398.D
Acq: 26 Jun 2016 3:38

Tgt Ion:240 Resp: 142987
Ion Ratio Lower Upper
240 100
120 12.6 6.8 10.2#
236 24.9 20.2 30.2

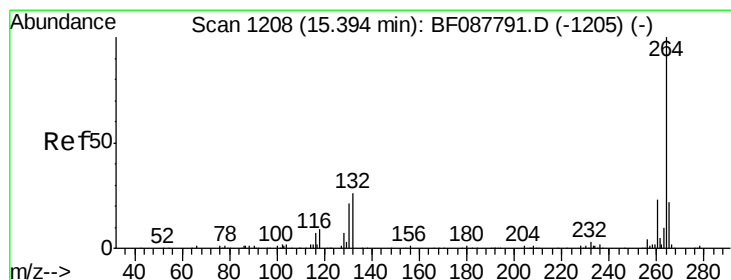
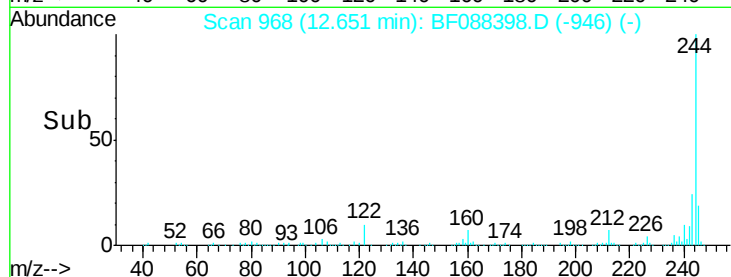
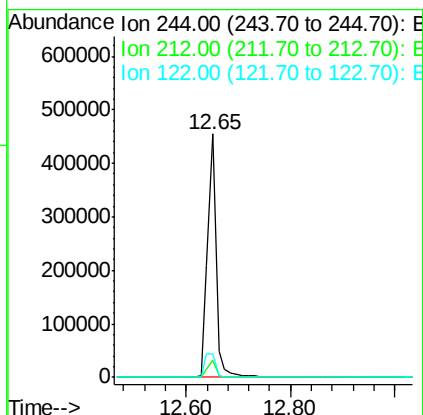
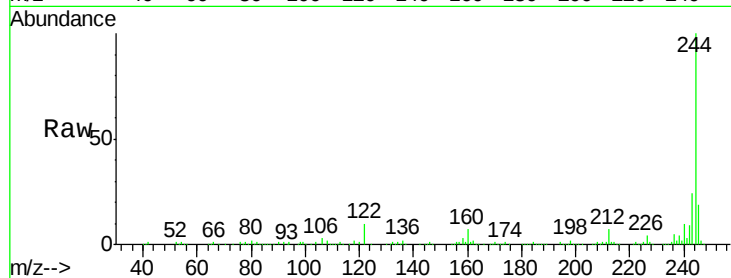




#78
 Terphenyl-d14
 Concen: 83.05 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion:244 Resp: 521866
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF088398.D
 Acq: 26 Jun 2016 3:38

Tgt Ion:264 Resp: 111616
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.1 16.9 25.3

