

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091762.D
 Acq On : 19 Dec 2016 3:58
 Operator : UM/SJ
 Sample : PB95409TB
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95409TB

Quant Time: Dec 19 06:12:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	236055	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1055491	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	543804	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	918305	20.00	ng	0.00
75) Chrysene-d12	13.92	240	723335	20.00	ng	-0.01
86) Perylene-d12	15.32	264	547670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1751358	124.30	ng	0.01
7) Phenol-d6	6.42	99	2654728	154.49	ng	0.00
23) Nitrobenzene-d5	7.33	82	1616169	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	554753	120.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2624594	96.96	ng	-0.01
78) Terphenyl-d14	12.88	244	2313930	80.77	ng	0.00

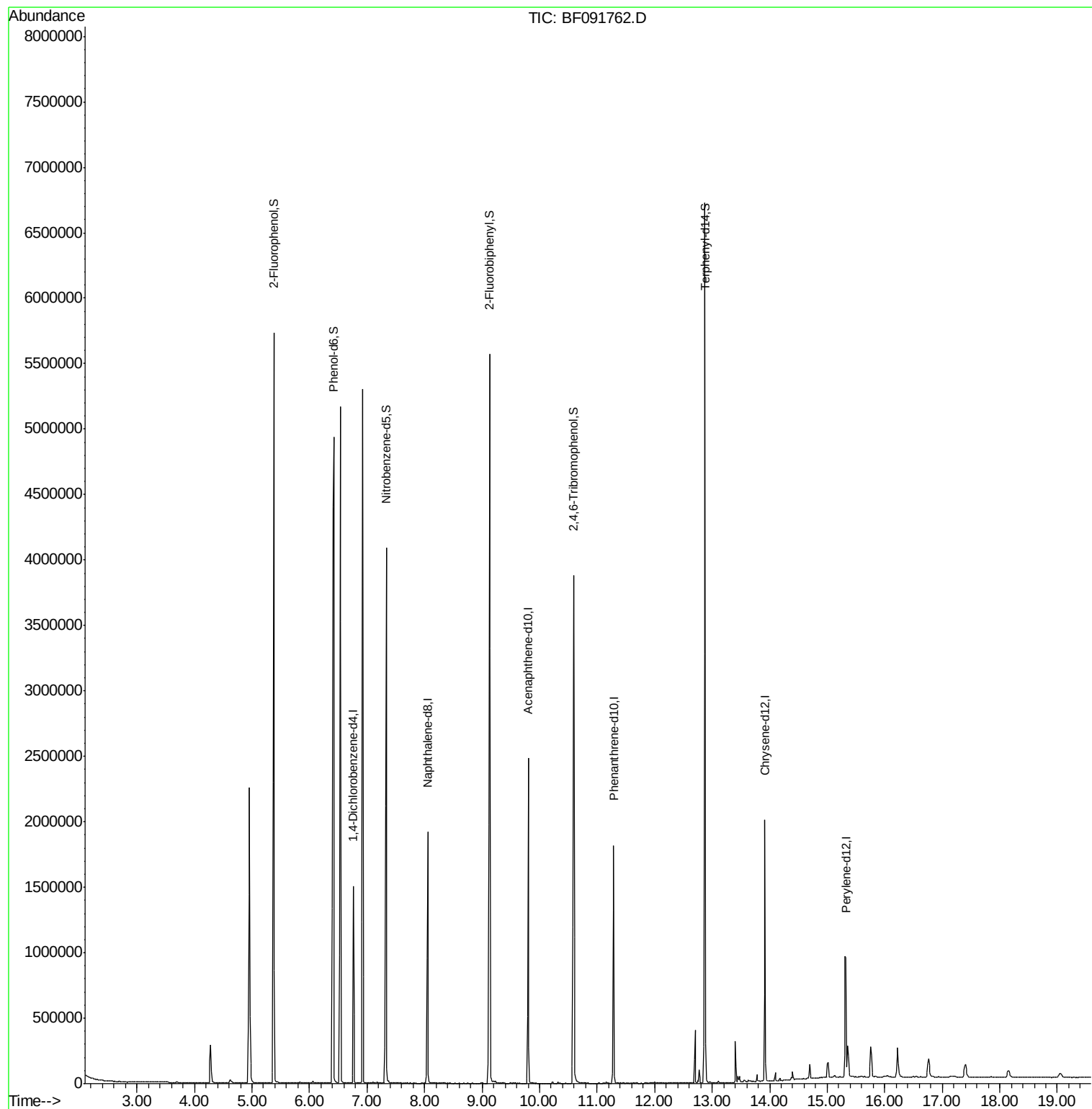
Target Compounds Qvalue

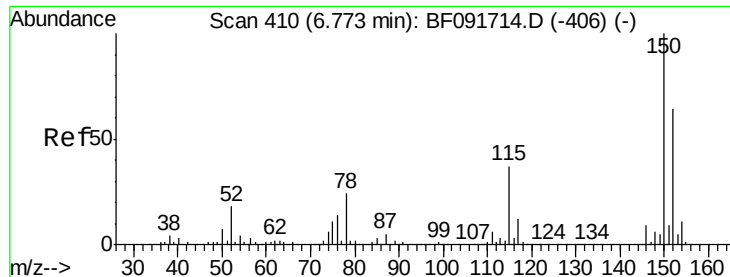
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091762.D
Acq On : 19 Dec 2016 3:58
Operator : UM/SJ
Sample : PB95409TB
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95409TB

Quant Time: Dec 19 06:12:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091762.D

Acq: 19 Dec 2016 3:58

Instrument :

BNA_F

ClientSampleId :

PB95409TB

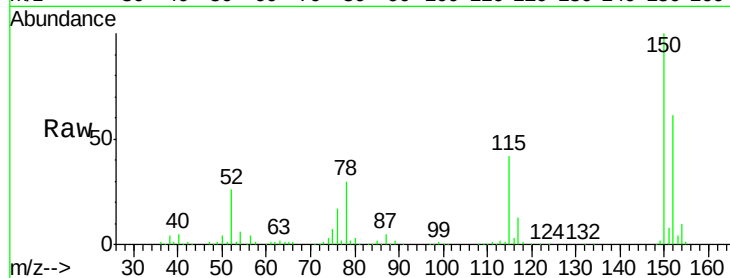
Tot Ion:152 Resp: 236055

Ion Ratio Lower Upper

152 100

150 164.6 124.9 187.3

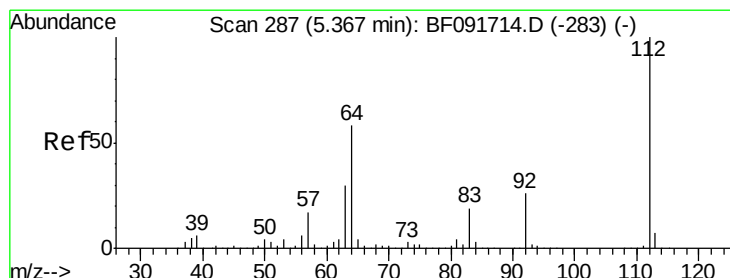
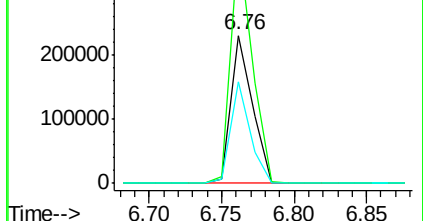
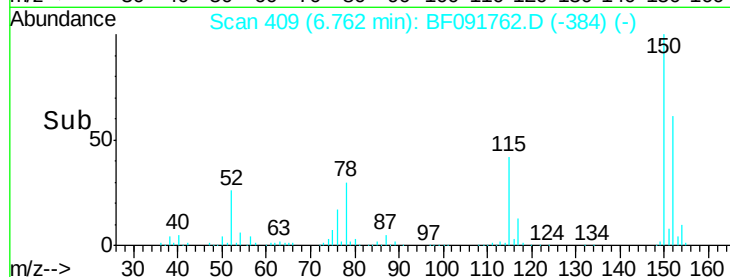
115 68.6 46.0 69.0



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: 124.30 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091762.D

Acq: 19 Dec 2016 3:58

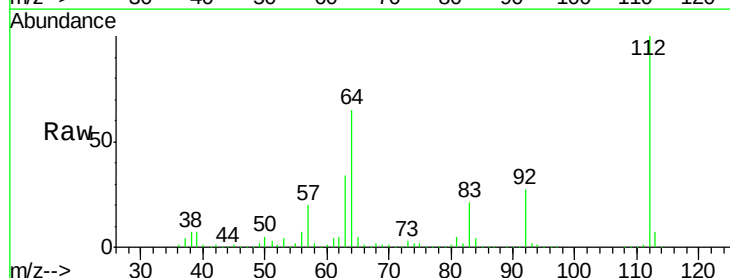
Tgt Ion:112 Resp: 1751358

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

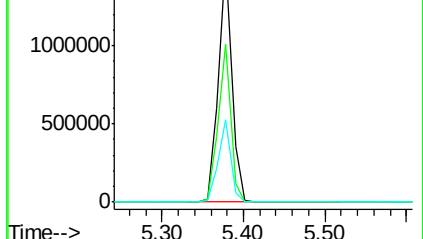
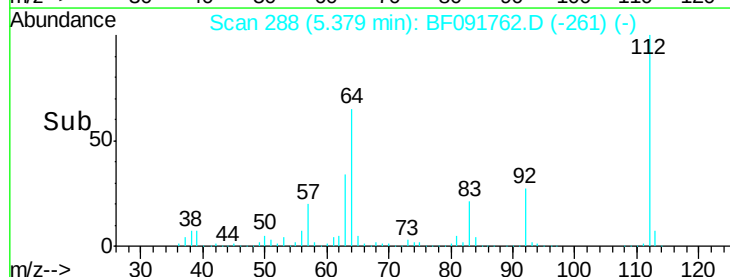
63 33.7 23.8 35.6

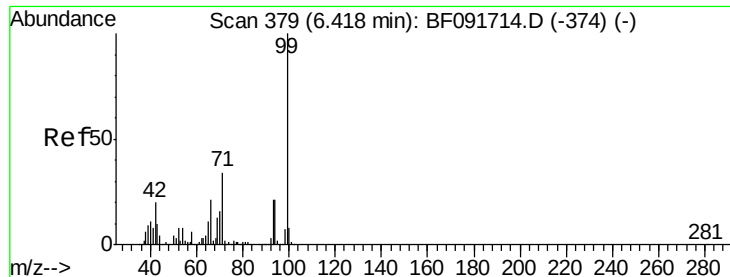


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.49 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091762.D

Acq: 19 Dec 2016 3:58

Instrument :

BNA_F

ClientSampleId :

PB95409TB

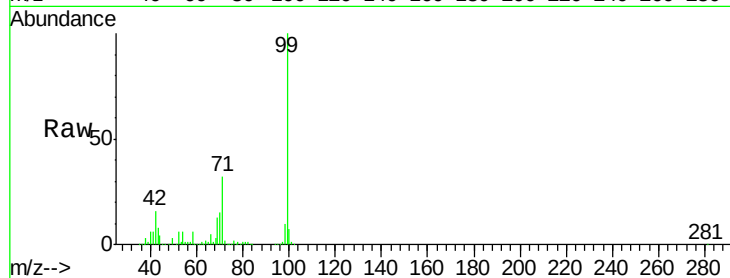
Tot Ion: 99 Resp: 2654728

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

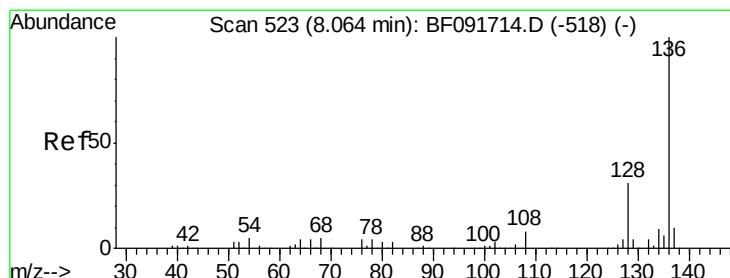
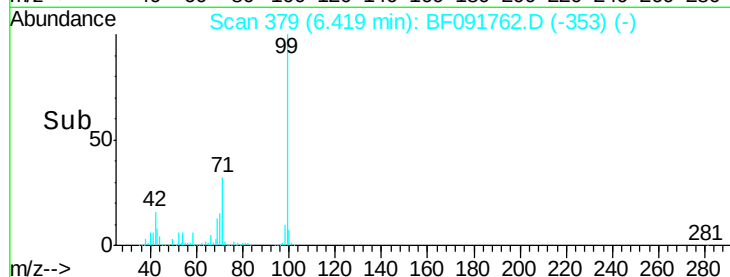
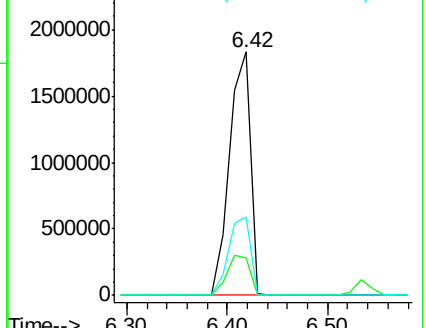
71 32.1 27.5 41.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091762.D

Acq: 19 Dec 2016 3:58

Tgt Ion: 136 Resp: 1055491

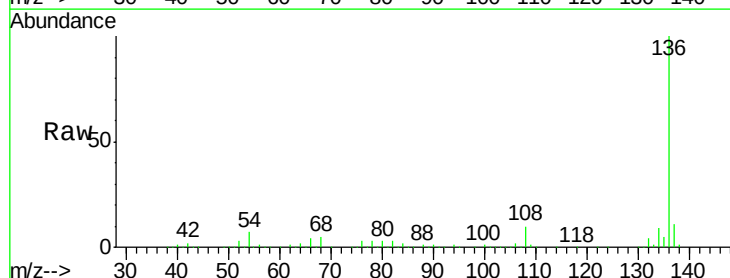
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.8 4.5 6.7#

68 5.5 3.6 5.4#

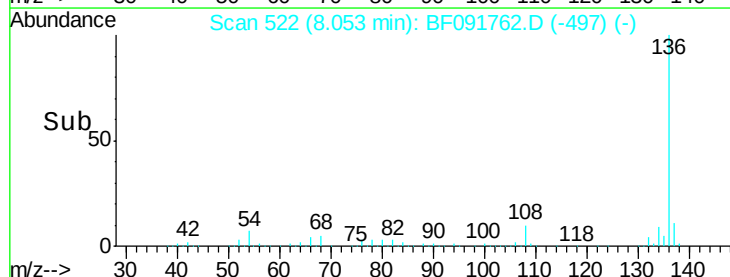
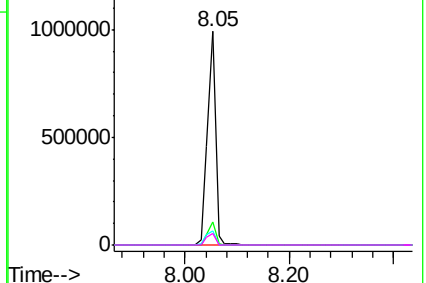


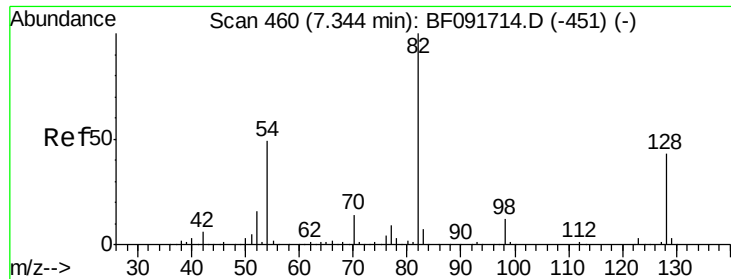
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

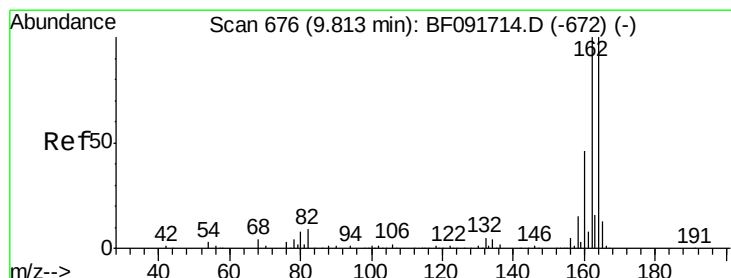
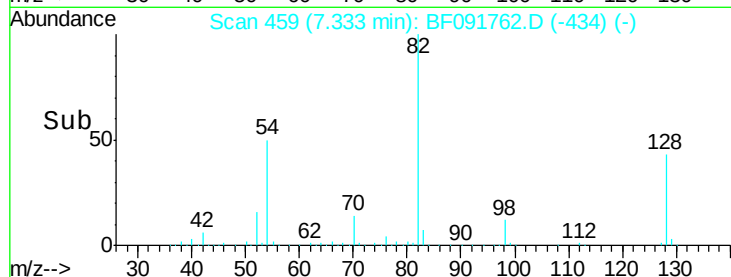
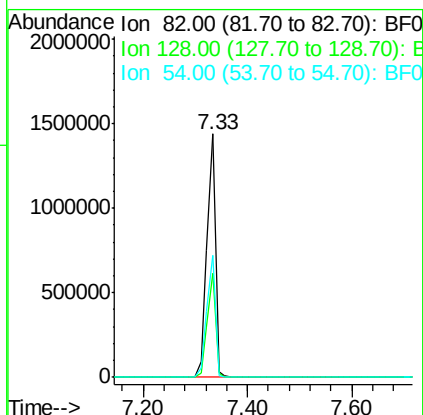
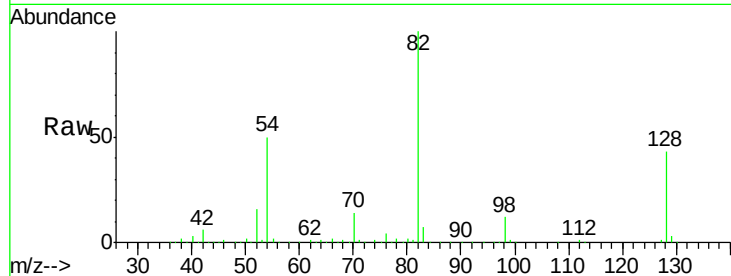




#23
Nitrobenzene-d5
Concen: 88.30 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091762.D
Acq: 19 Dec 2016 3:58

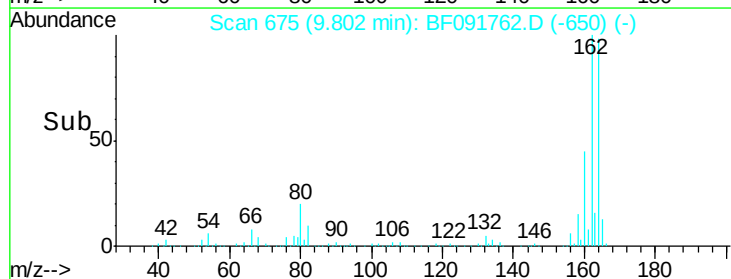
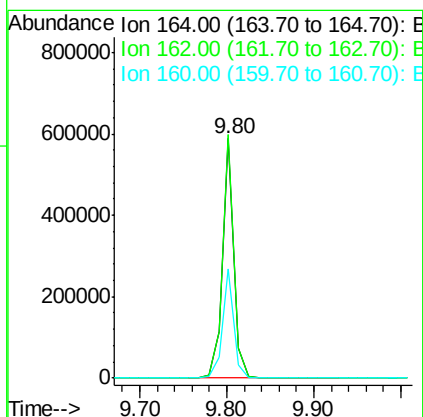
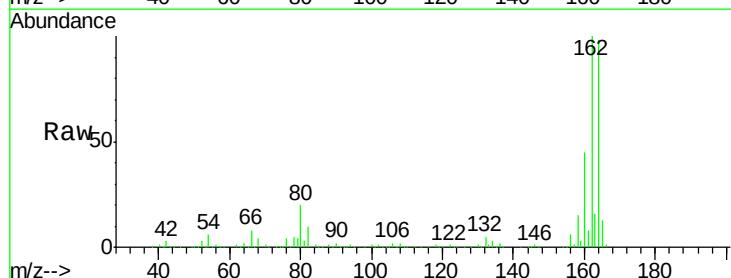
Instrument :
BNA_F
ClientSampleId :
PB95409TB

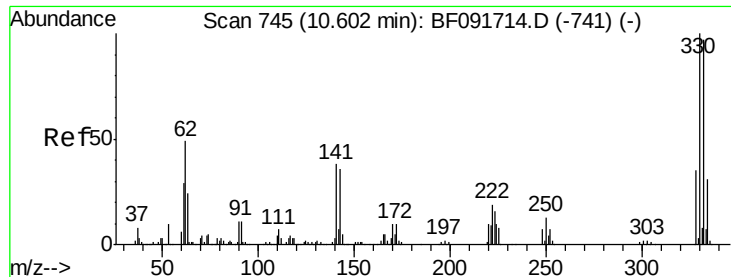
Tot Ion: 82 Resp: 1616169
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 50.0 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091762.D
Acq: 19 Dec 2016 3:58

Tgt Ion:164 Resp: 543804
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 45.6 36.9 55.3

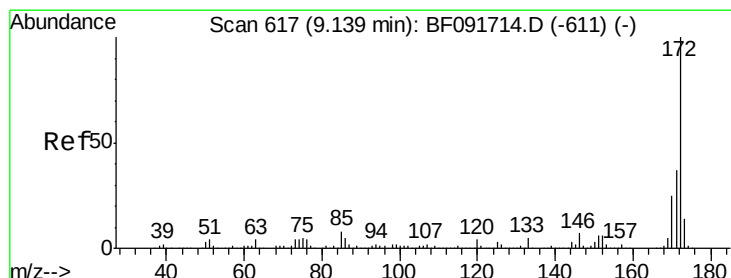
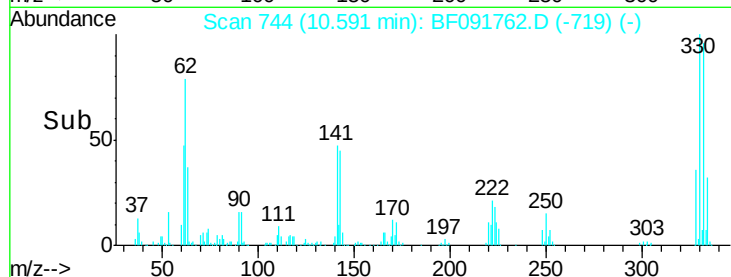
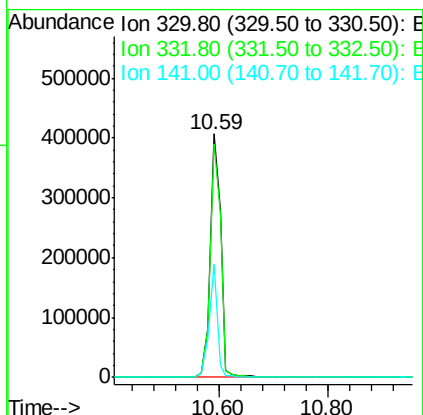
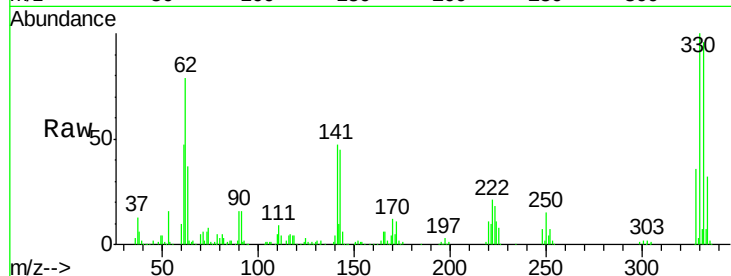




#41
 2,4,6-Tribromophenol
 Concen: 120.30 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091762.D
 Acq: 19 Dec 2016 3:58

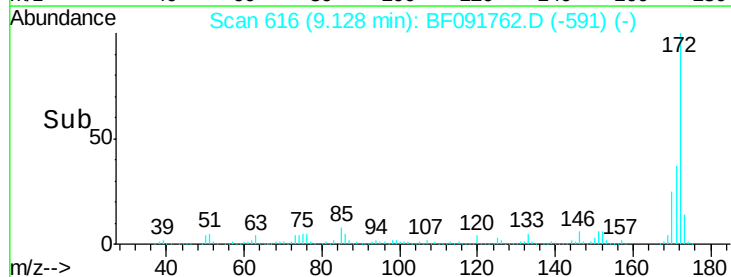
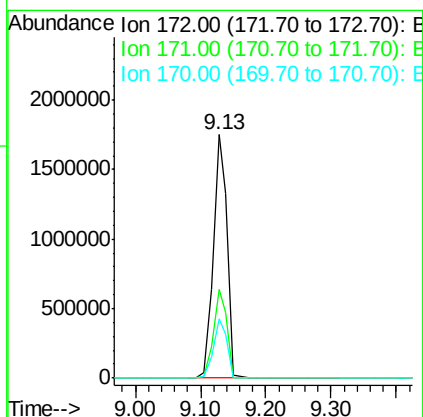
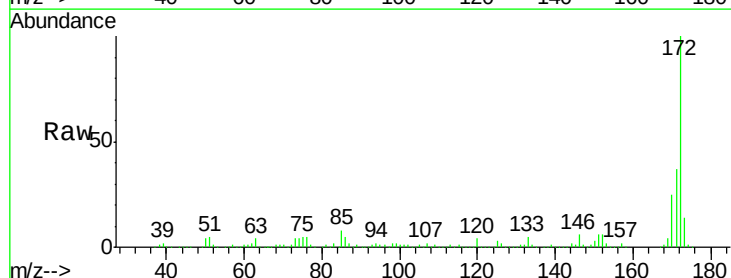
Instrument :
 BNA_F
 ClientSampleId :
 PB95409TB

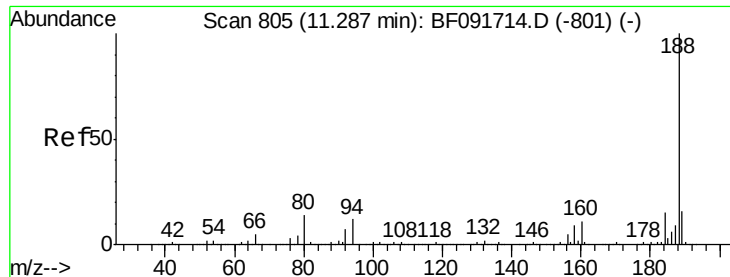
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	35.6	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 96.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091762.D
 Acq: 19 Dec 2016 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.2	30.4

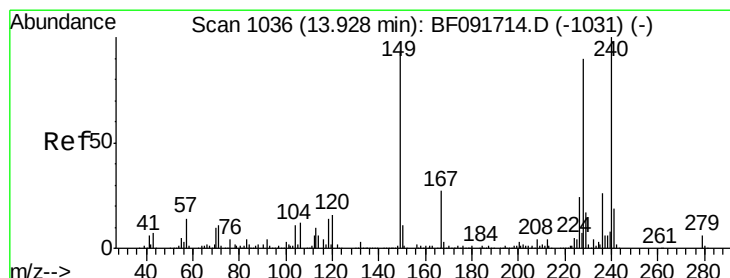
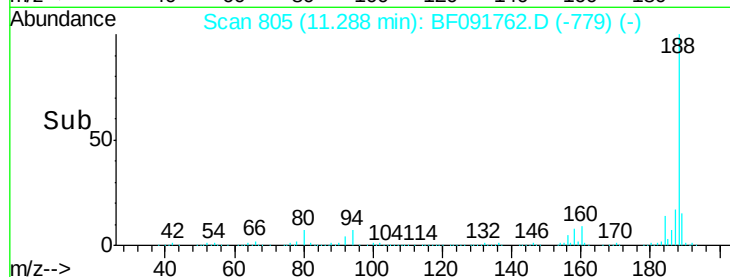
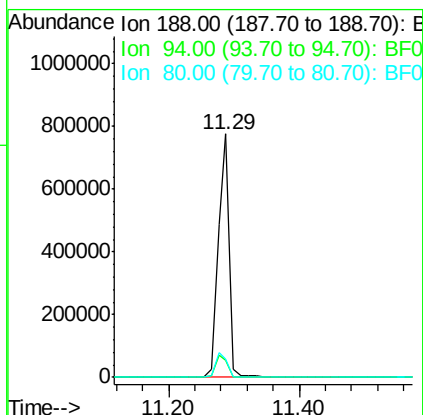
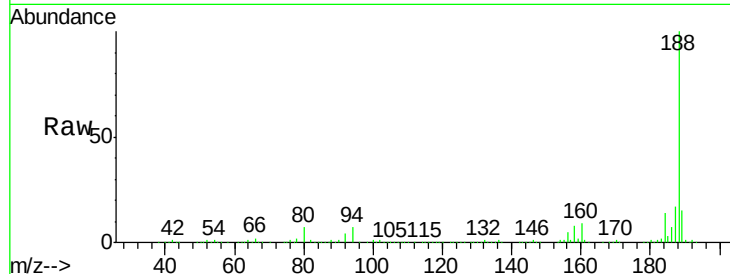




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091762.D
Acq: 19 Dec 2016 3:58

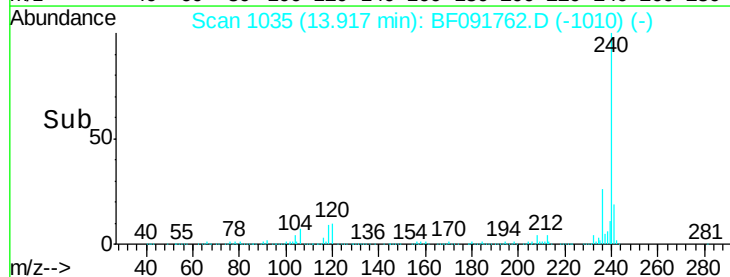
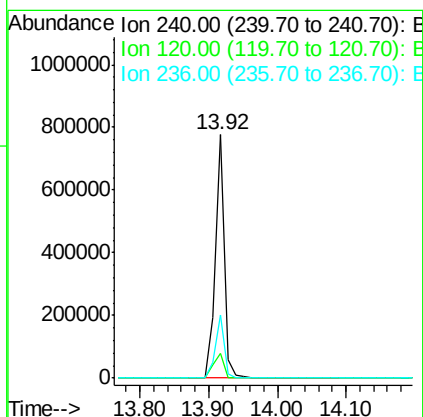
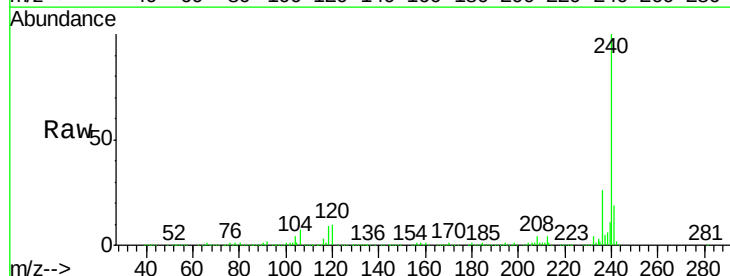
Instrument :
BNA_F
ClientSampleId :
PB95409TB

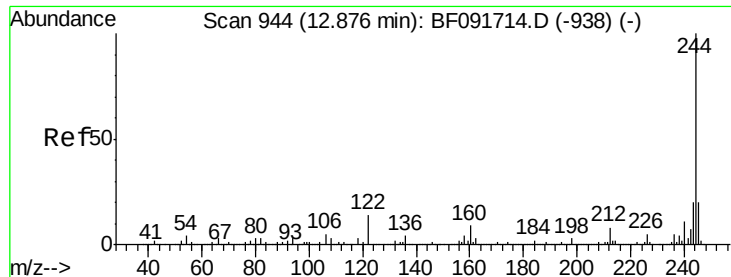
Tot Ion:188 Resp: 918305
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091762.D
Acq: 19 Dec 2016 3:58

Tgt Ion:240 Resp: 723335
Ion Ratio Lower Upper
240 100
120 10.2 12.9 19.3#
236 25.9 20.9 31.3

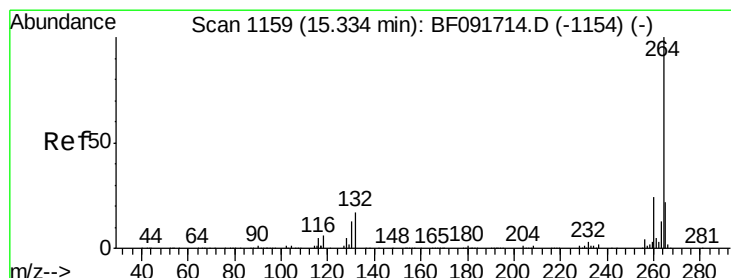
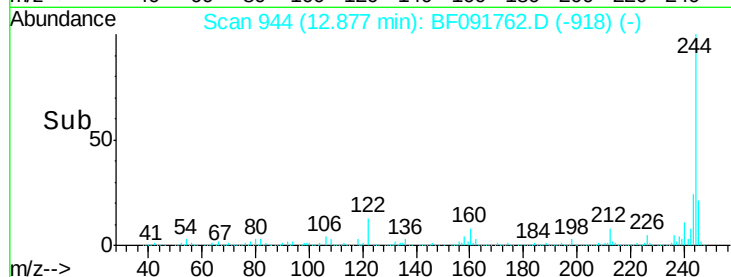
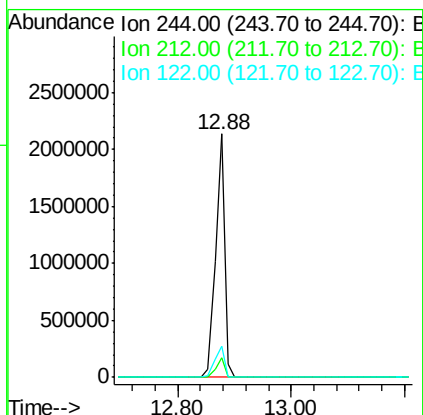
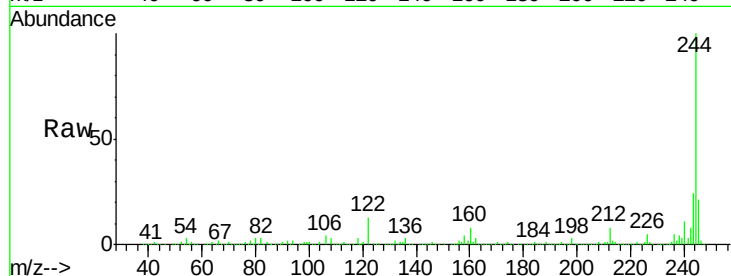




#78
 Terphenyl-d14
 Concen: 80.77 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091762.D
 Acq: 19 Dec 2016 3:58

Instrument :
 BNA_F
 ClientSampled :
 PB95409TB

Tot Ion:244 Resp: 2313930
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091762.D
 Acq: 19 Dec 2016 3:58

Tgt Ion:264 Resp: 547670
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.4 26.0

