

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082950.D
 Acq On : 16 Nov 2015 20:57
 Operator : UM/IZ
 Sample : G4429-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Quant Time: Nov 17 07:38:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	205428	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	743588	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	449811	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	785143	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	795658	20.00	ng	-0.08
86) Perylene-d12	15.35	264	649930	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	531091	40.23	ng	-0.06
7) Phenol-d6	6.43	99	503499	28.69	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1268434	74.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	342233	66.36	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1972866	62.86	ng	-0.07
78) Terphenyl-d14	12.90	244	2385814	71.12	ng	-0.07

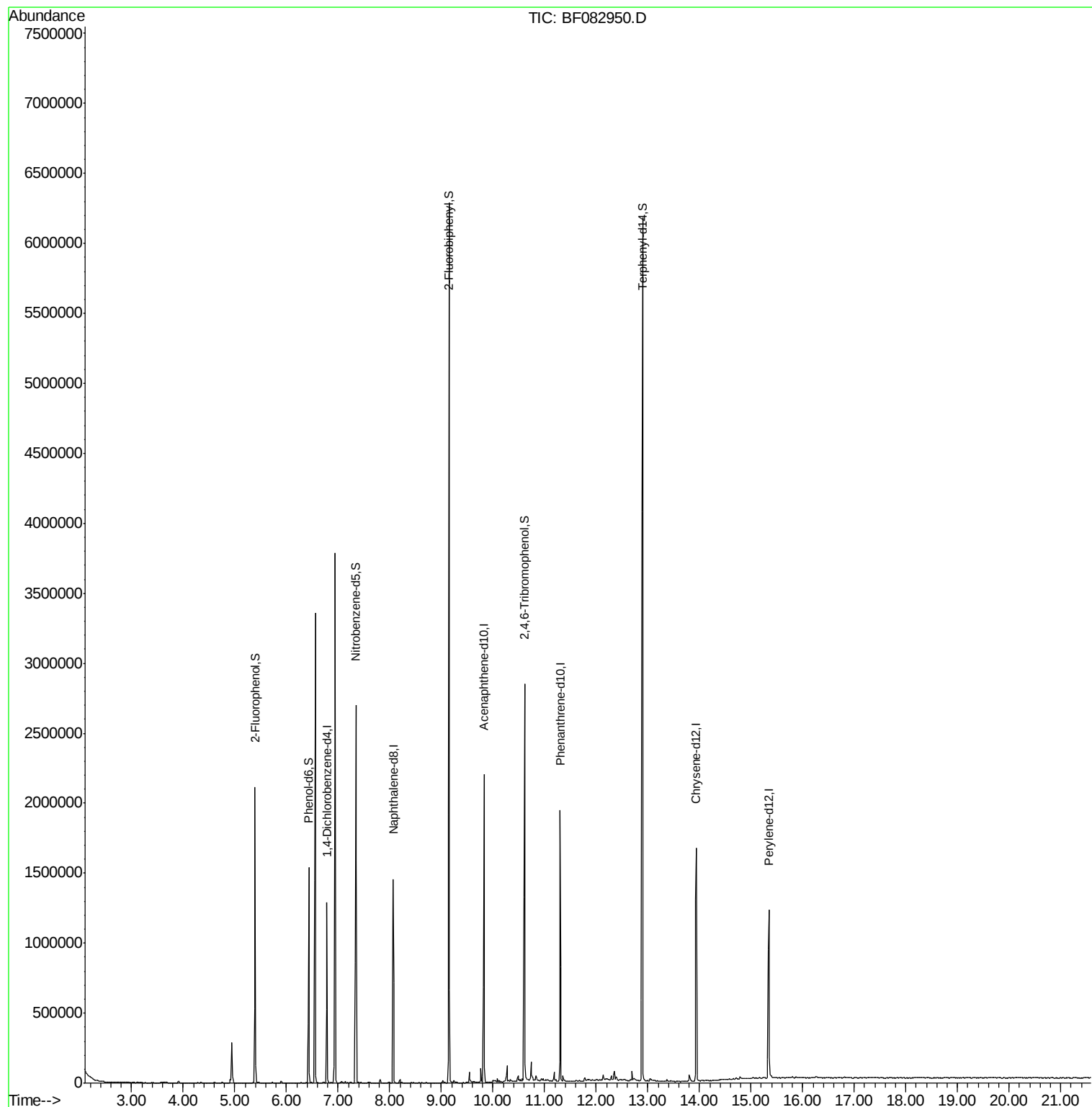
Target Compounds Qvalue

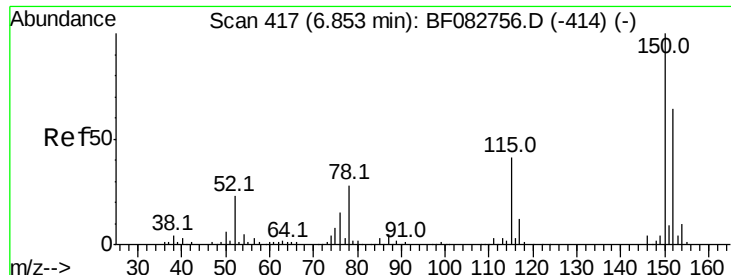
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082950.D
Acq On : 16 Nov 2015 20:57
Operator : UM/IZ
Sample : G4429-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111215-A263-E-U-M

Quant Time: Nov 17 07:38:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-U-M

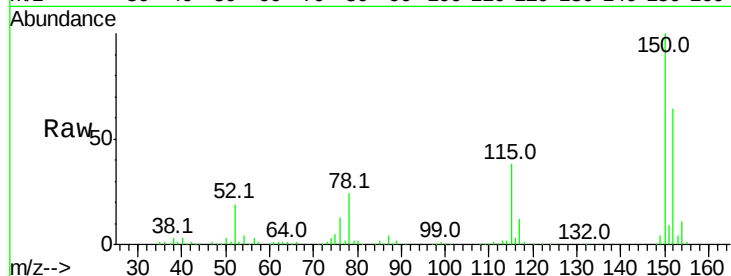
Tot Ion:152 Resp: 205428

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

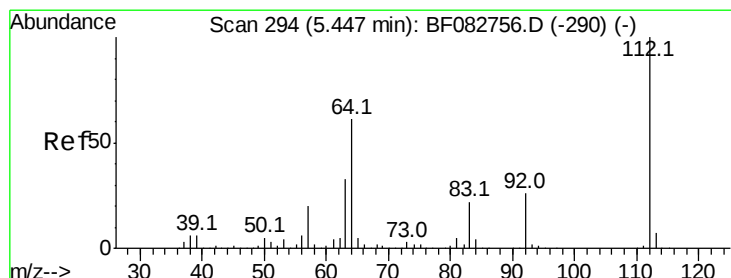
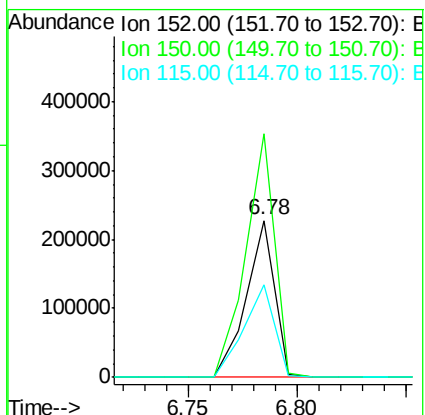
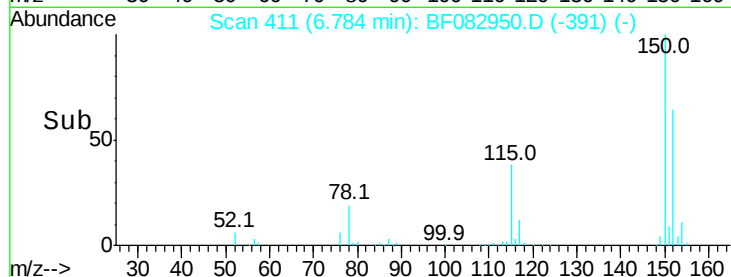
115 59.4 47.0 70.6



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: 40.23 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

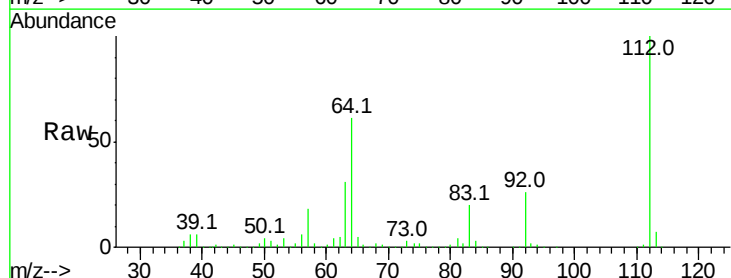
Tgt Ion:112 Resp: 531091

Ion Ratio Lower Upper

112 100

64 61.2 48.9 73.3

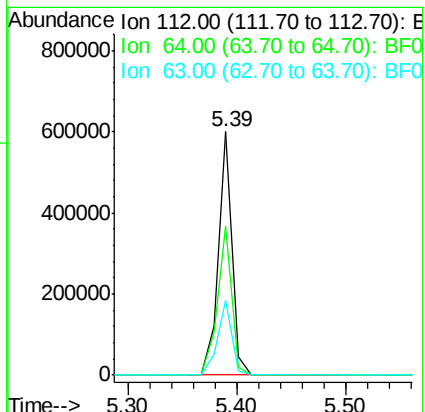
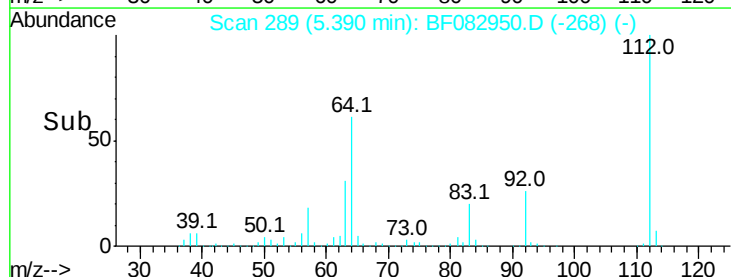
63 30.9 28.1 42.1

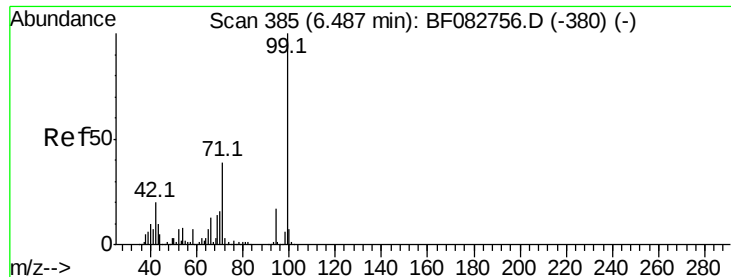


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.69 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-U-M

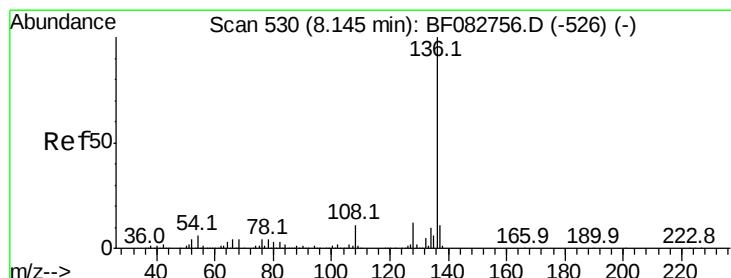
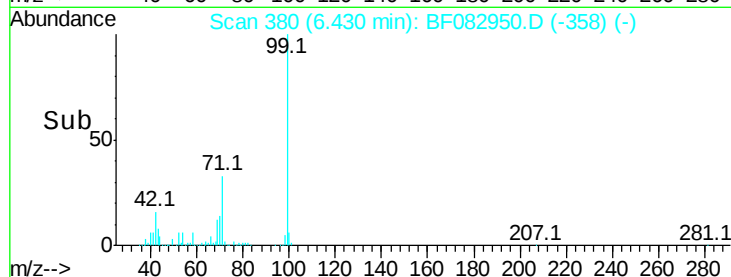
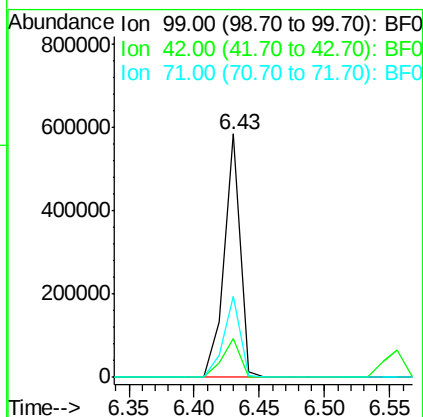
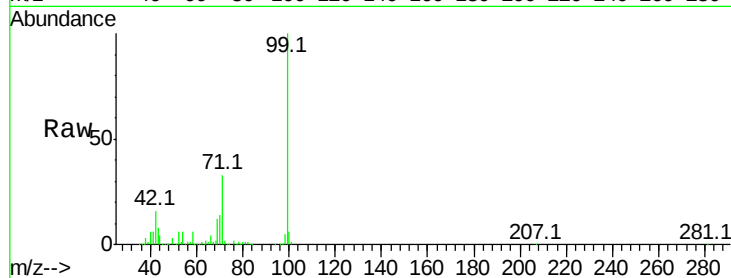
Tot Ion: 99 Resp: 503499

Ion Ratio Lower Upper

99 100

42 16.1 19.2 28.8#

71 33.3 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

Tgt Ion: 136 Resp: 743588

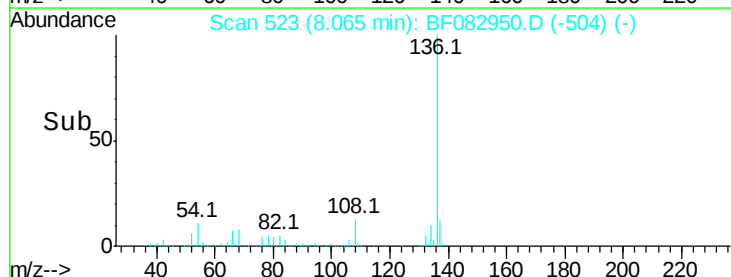
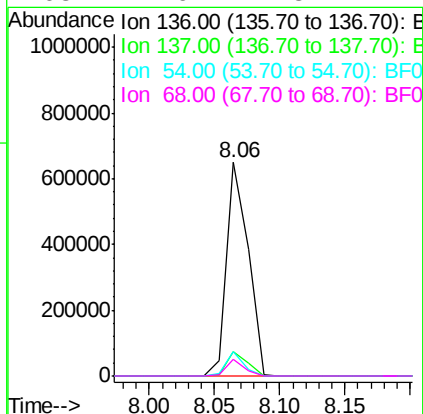
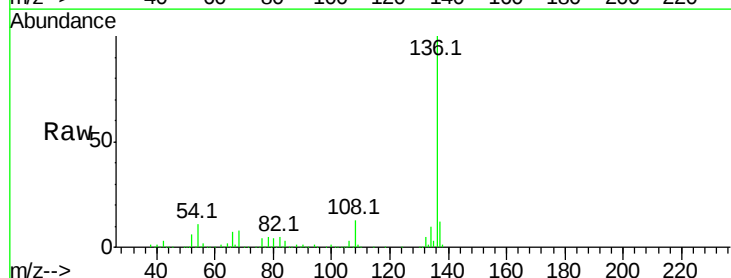
Ion Ratio Lower Upper

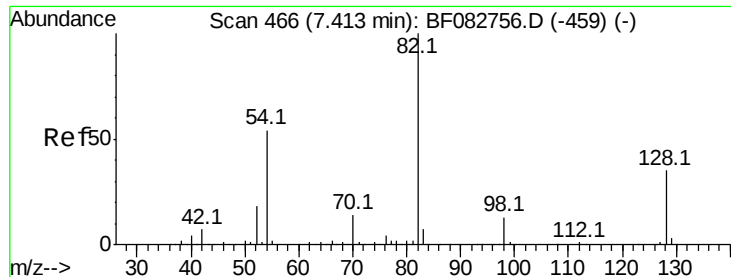
136 100

137 11.6 9.1 13.7

54 11.3 9.1 13.7

68 7.6 4.8 7.2#

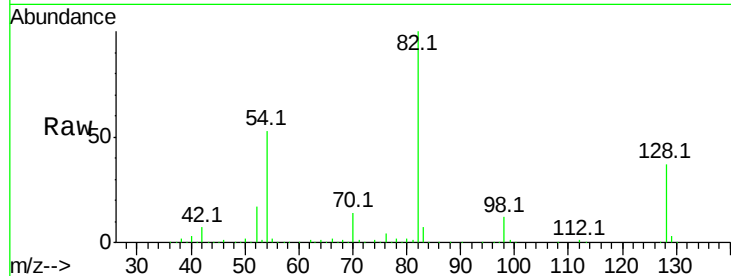




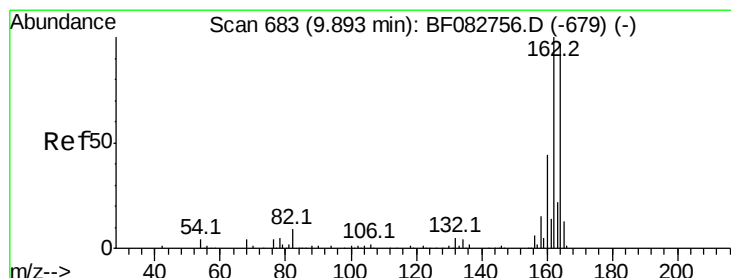
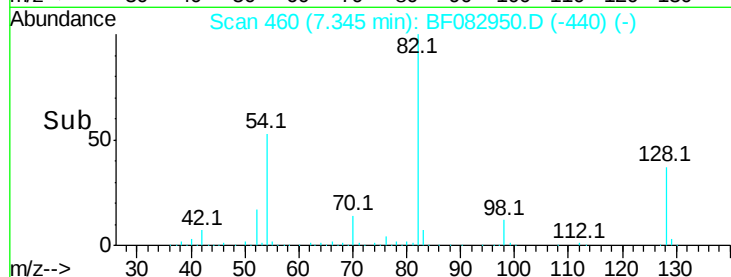
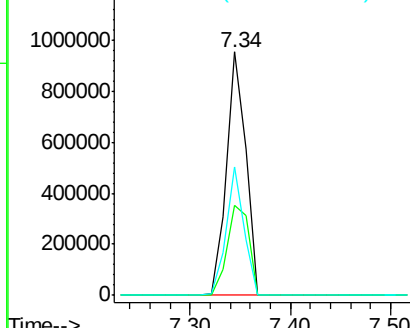
#23
 Nitrobenzene-d5
 Concen: 74.22 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Tot Ion: 82 Resp: 1268434
 Ion Ratio Lower Upper
 82 100
 128 37.0 26.8 40.2
 54 53.0 45.7 68.5

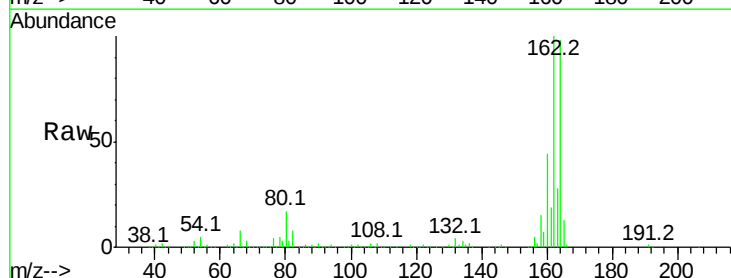


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

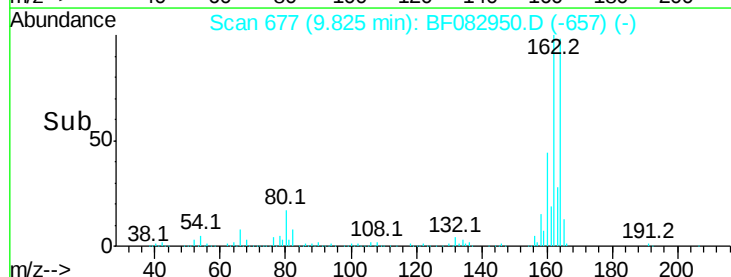
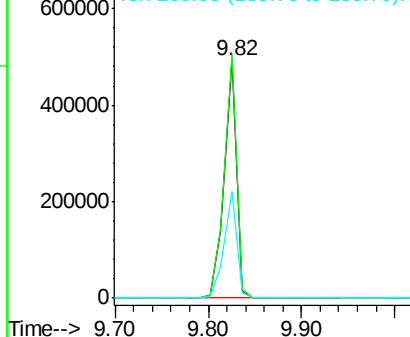


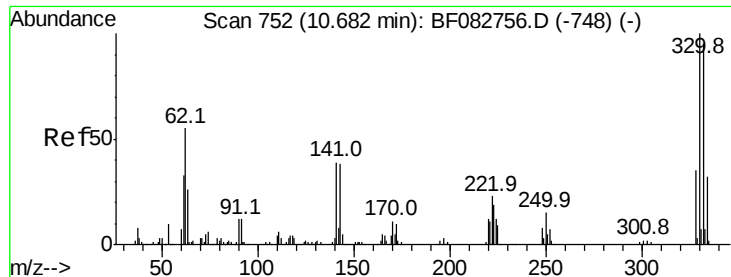
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:164 Resp: 449811
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.9 127.3
 160 44.9 37.5 56.3



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

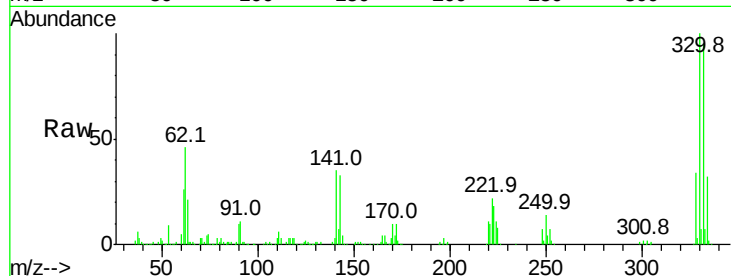




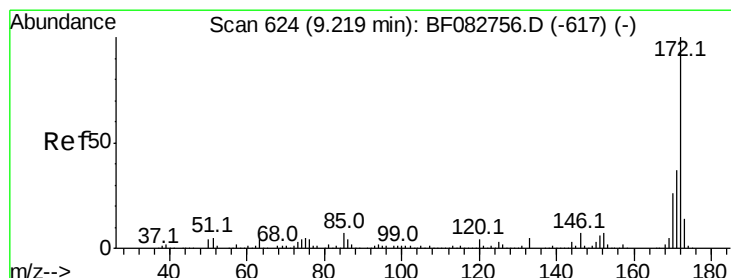
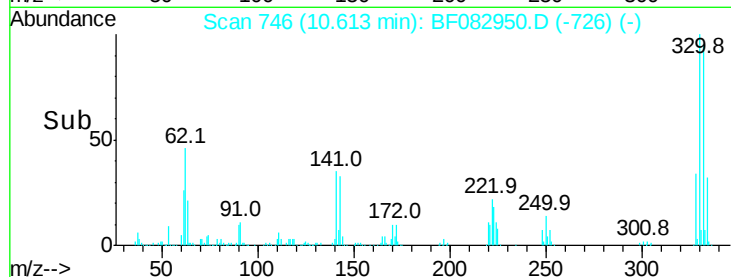
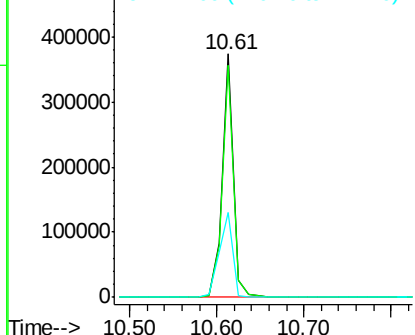
#41
 2,4,6-Tribromophenol
 Concen: 66.36 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	42.4	41.2	61.8

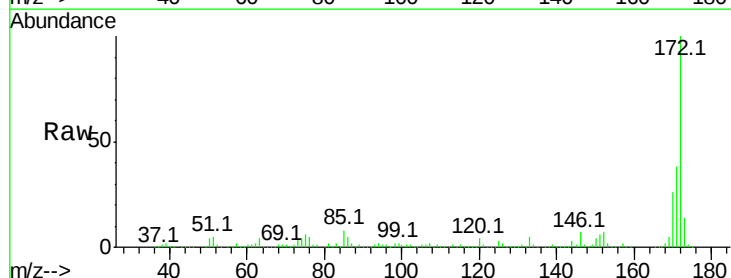


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

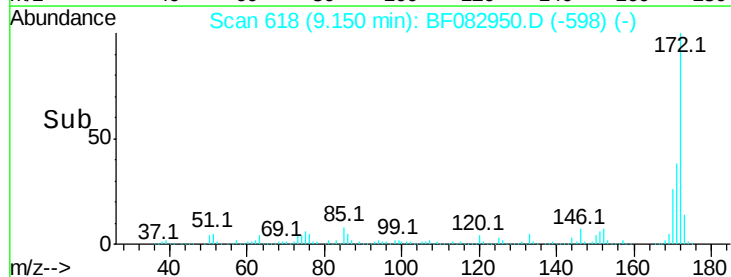
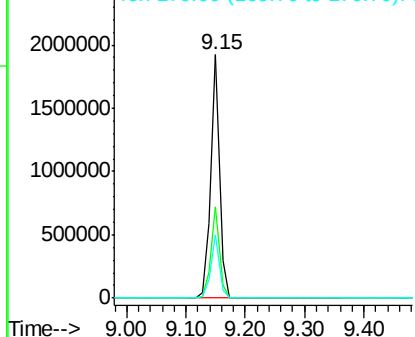


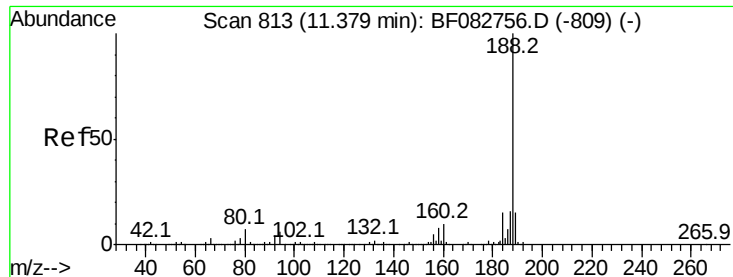
#44
 2-Fluorobiphenyl
 Concen: 62.86 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	26.1	21.2	31.8



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

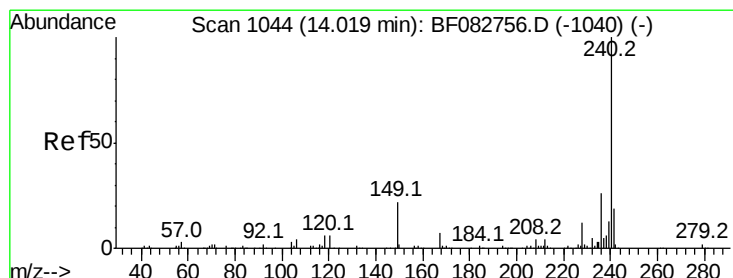
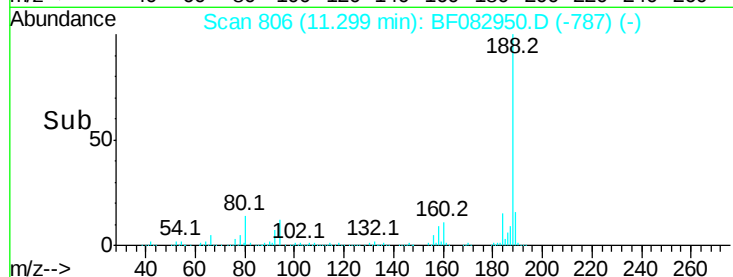
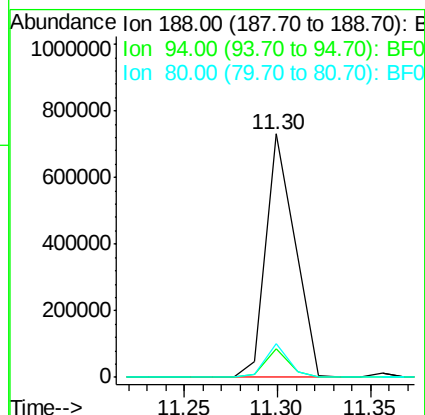
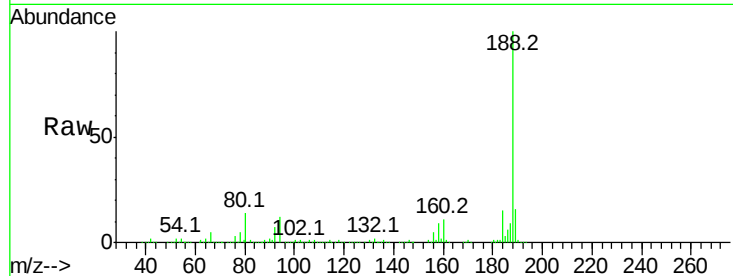




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082950.D
Acq: 16 Nov 2015 20:57

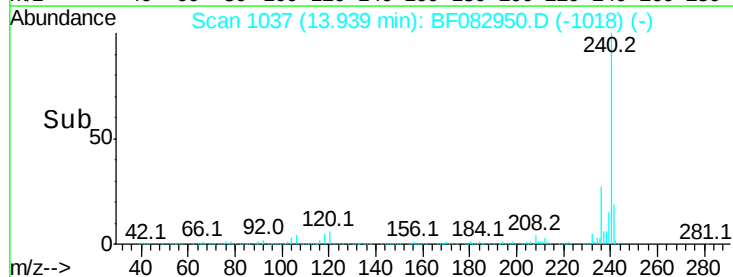
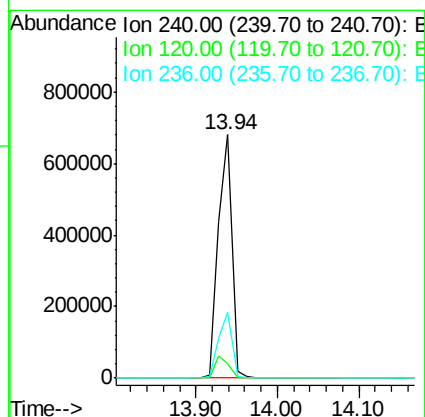
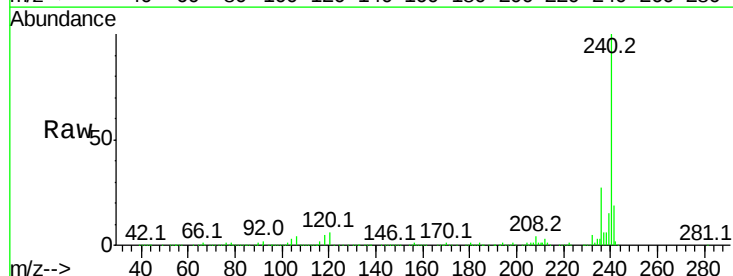
Instrument :
BNA_F
ClientSampleId :
111215-A263-E-U-M

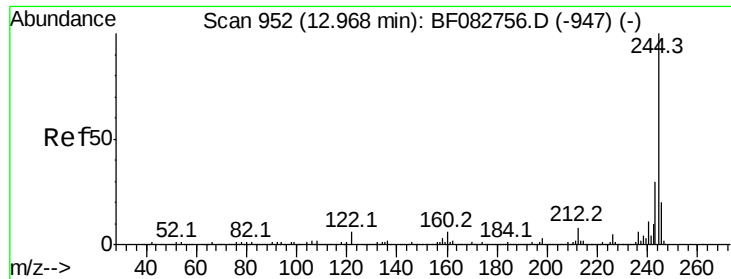
Tot Ion:188 Resp: 785143
Ion Ratio Lower Upper
188 100
94 11.8 6.1 9.1#
80 13.6 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082950.D
Acq: 16 Nov 2015 20:57

Tgt Ion:240 Resp: 795658
Ion Ratio Lower Upper
240 100
120 5.9 10.9 16.3#
236 26.8 21.6 32.4



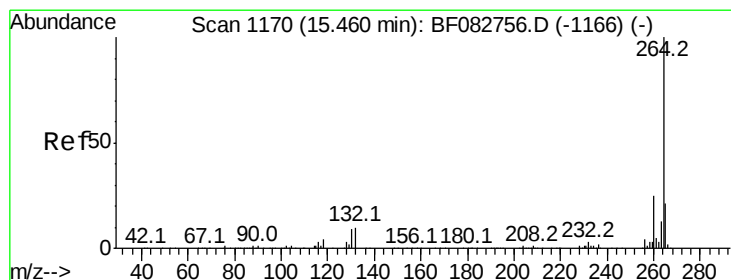
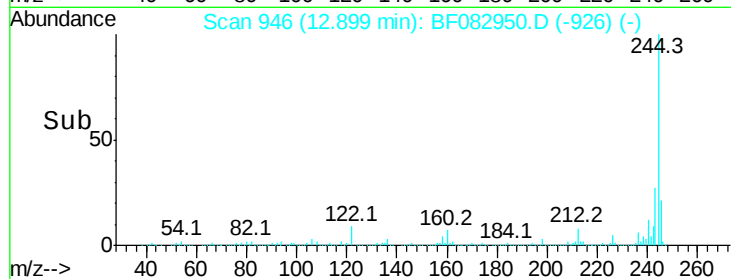
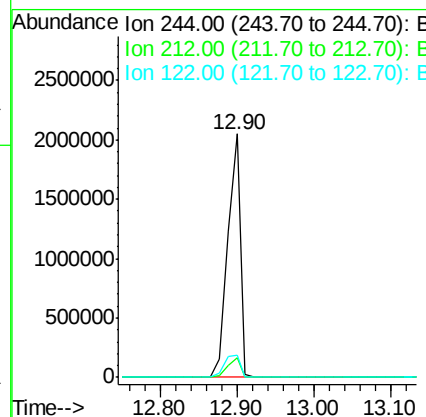
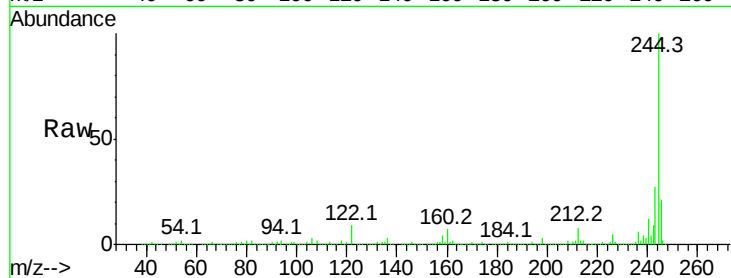


#78
 Terphenyl-d14
 Concen: 71.12 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Tot Ion:244 Resp: 2385814

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	9.0	11.3	16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:264 Resp: 649930

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	20.8	17.4	26.0

