

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081130.D
 Acq On : 20 Aug 2015 18:06
 Operator : UM/IZ
 Sample : PB85099BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BL

Quant Time: Aug 21 01:58:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	67596	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	268981	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	123158	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	269732	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	223650	20.00	ng	-0.01
86) Perylene-d12	15.03	264	153938	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	271640	60.44	ng	0.00
7) Phenol-d6	6.22	99	417324	71.17	ng	-0.01
23) Nitrobenzene-d5	7.14	82	390425	66.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	71349	66.83	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	560781	59.66	ng	-0.02
78) Terphenyl-d14	12.67	244	594774	57.01	ng	-0.01

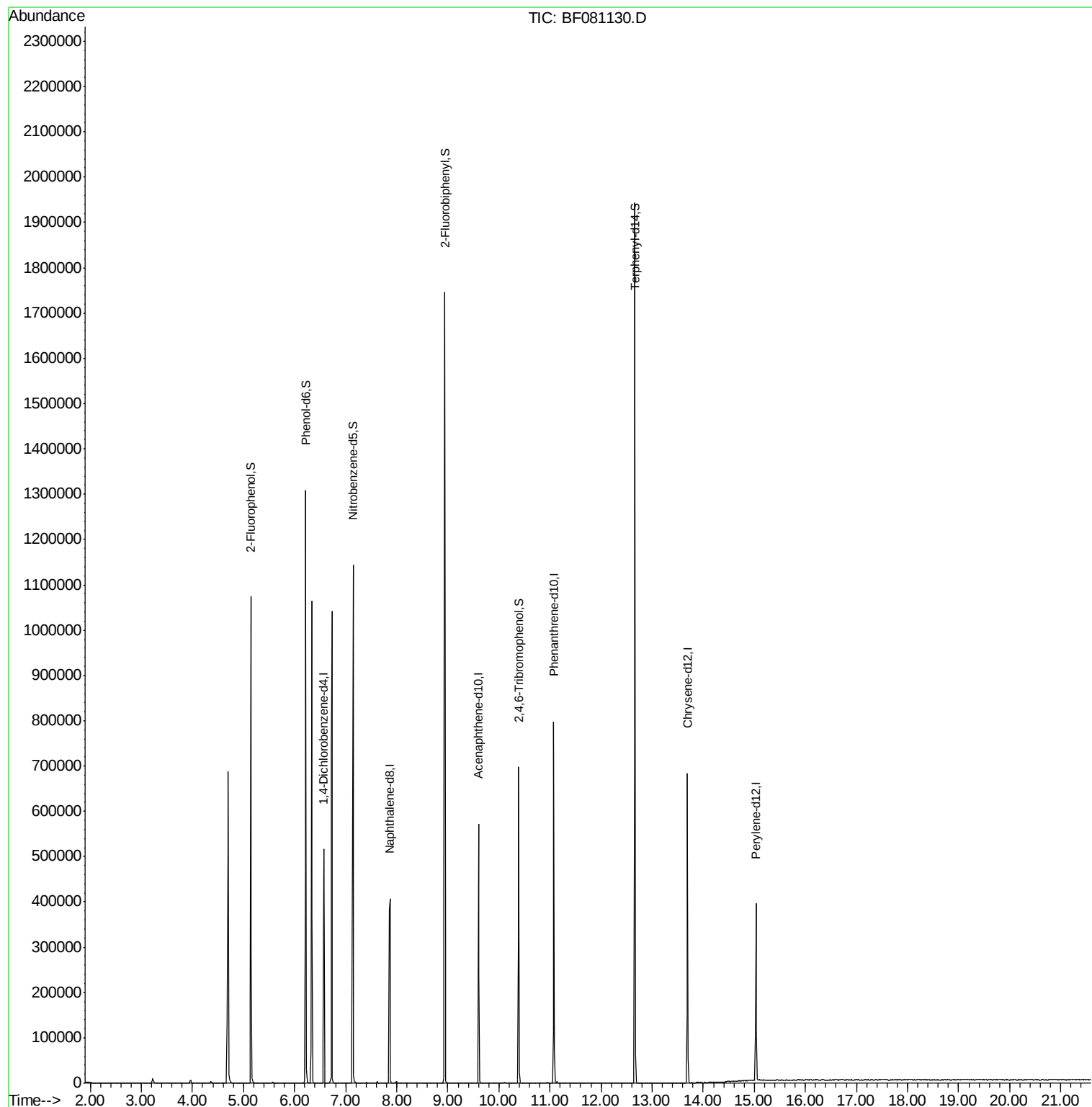
Target Compounds Qvalue

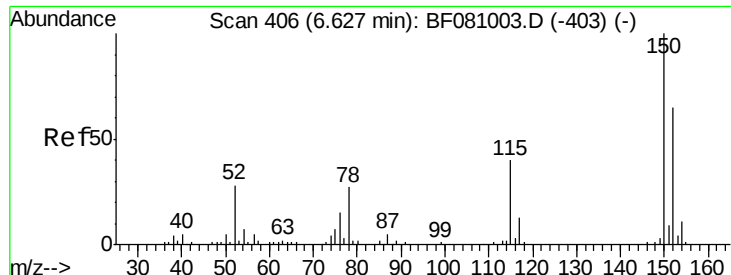
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

Instrument :

BNA_F

ClientSampleId :

PB85099BL

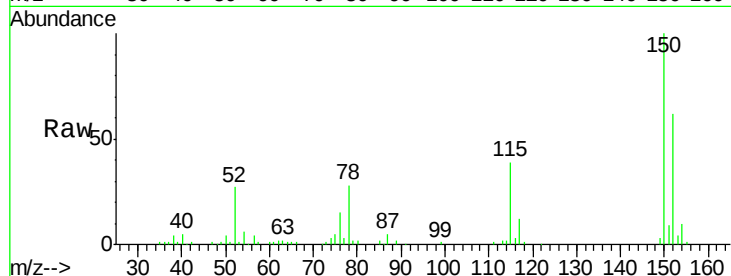
Tot Ion:152 Resp: 67596

Ion Ratio Lower Upper

152 100

150 161.4 123.8 185.6

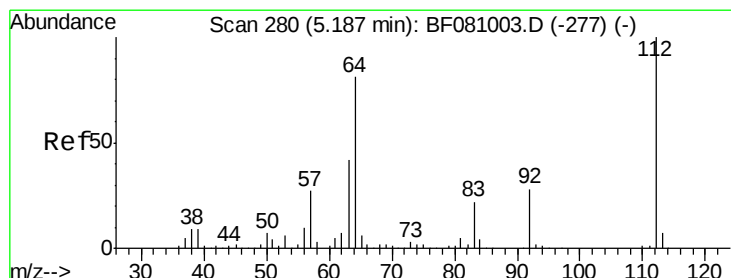
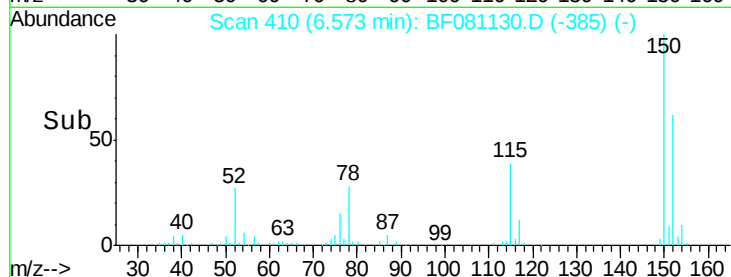
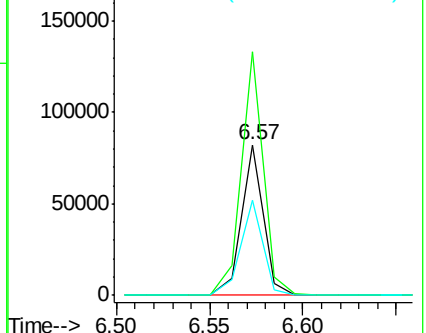
115 62.9 52.1 78.1



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: 60.44 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

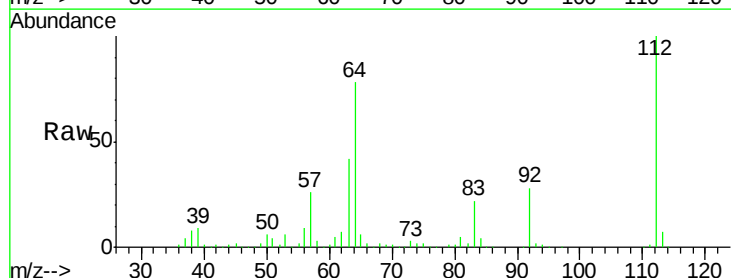
Tgt Ion:112 Resp: 271640

Ion Ratio Lower Upper

112 100

64 78.4 66.9 100.3

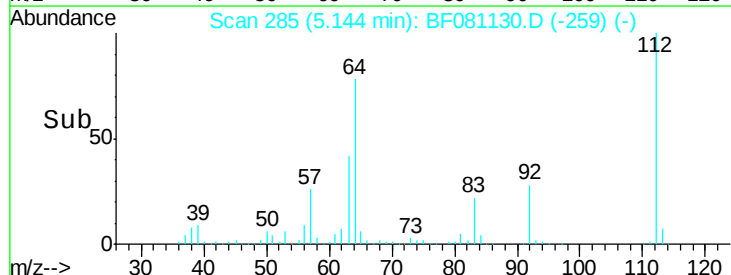
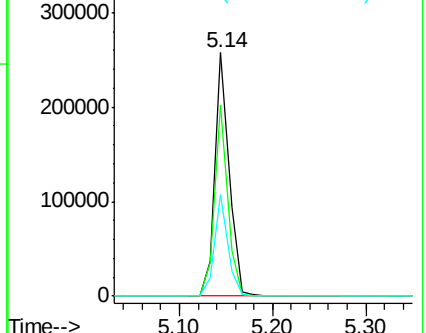
63 41.5 38.1 57.1

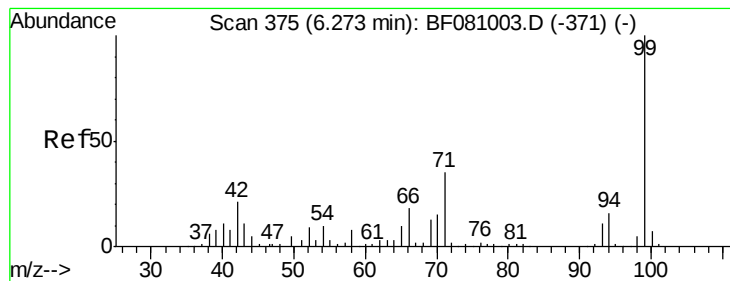


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.17 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

Instrument :

BNA_F

ClientSampleId :

PB85099BL

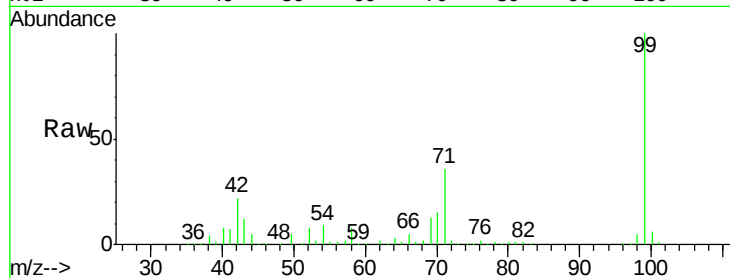
Tot Ion: 99 Resp: 417324

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

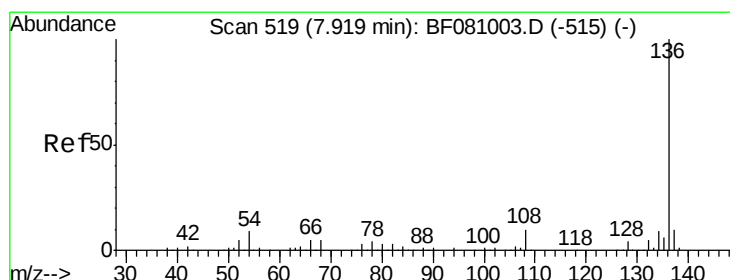
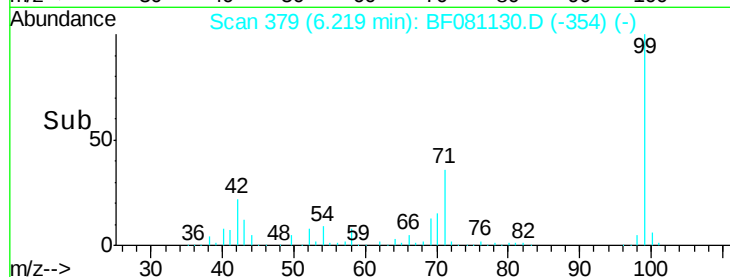
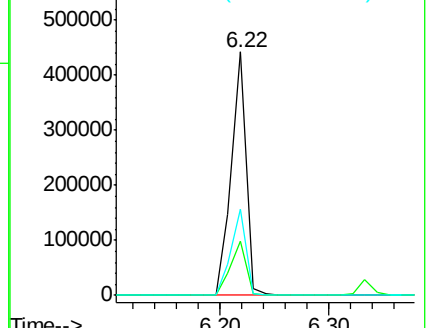
71 35.6 31.2 46.8



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: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

Tgt Ion: 136 Resp: 268981

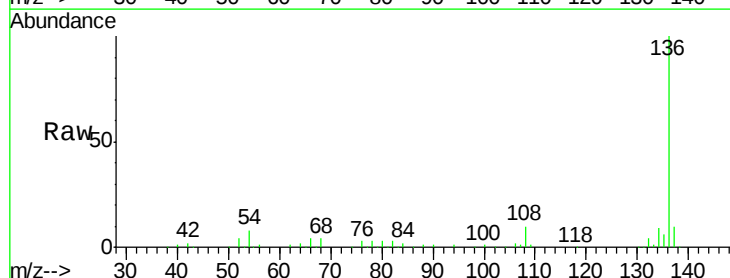
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 8.2 7.7 11.5

68 4.3 3.4 5.2

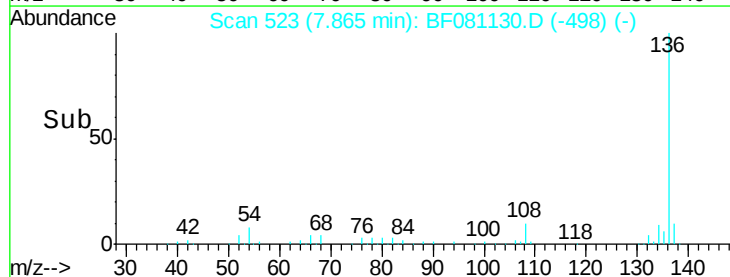
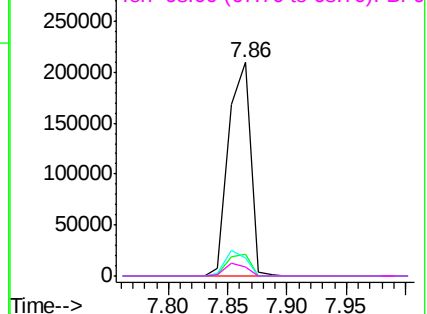


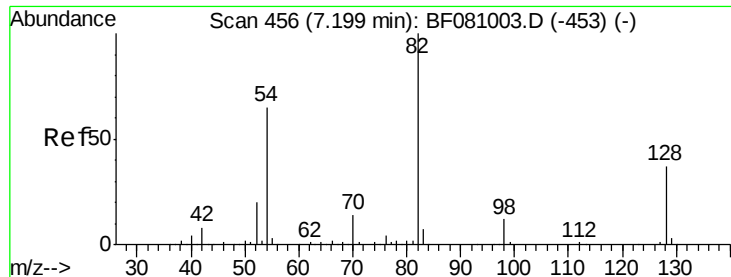
Abundance Ion 136.00 (135.70 to 136.70): E

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

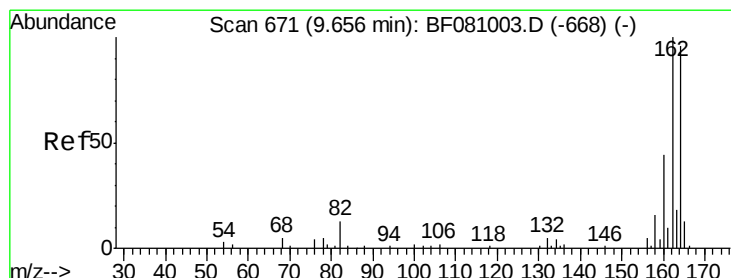
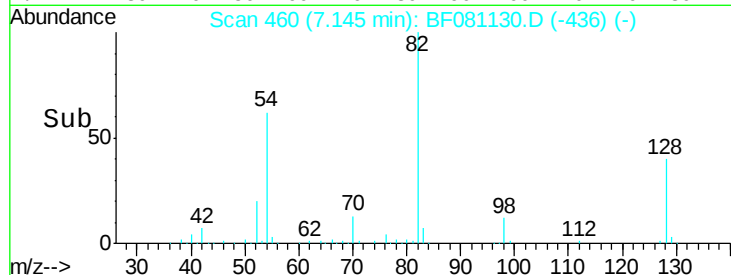
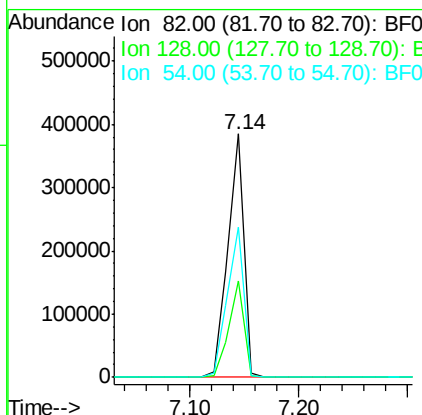
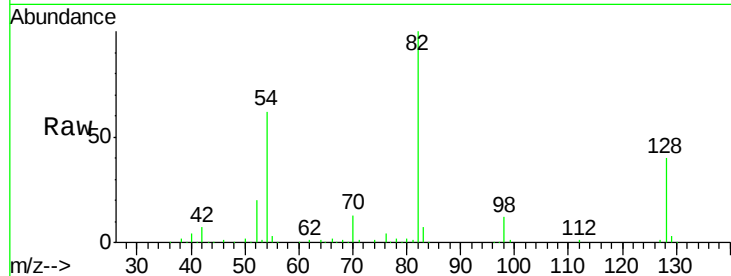




#23
 Nitrobenzene-d5
 Concen: 66.31 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081130.D
 Acq: 20 Aug 2015 18:06

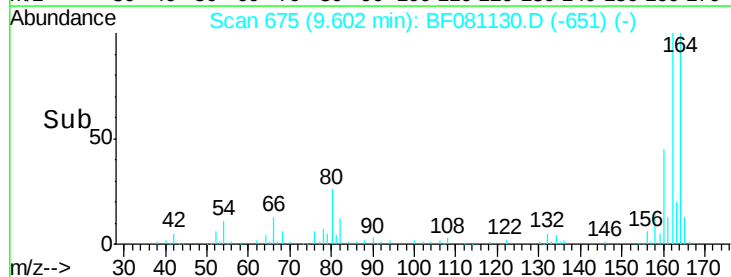
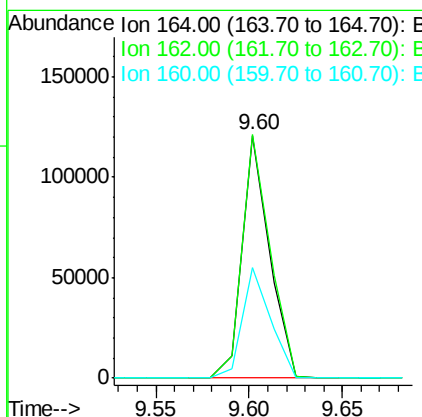
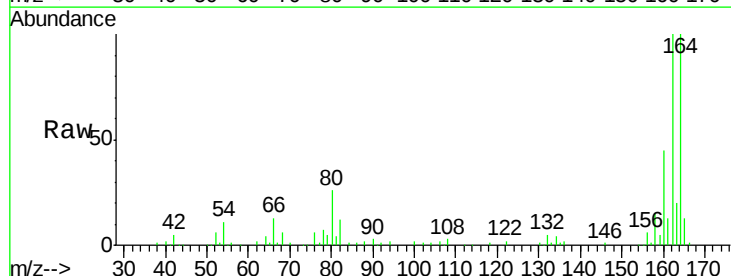
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BL

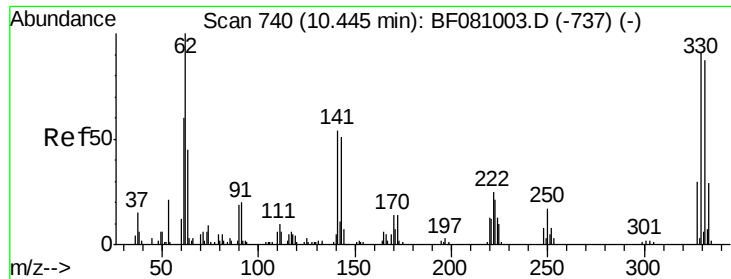
Tot Ion	82	Resp	390425
Ion Ratio	Lower	Upper	
82	100		
128	39.6	28.6	42.8
54	61.6	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081130.D
 Acq: 20 Aug 2015 18:06

Tgt Ion	164	Resp	123158
Ion Ratio	Lower	Upper	
164	100		
162	100.4	83.8	125.8
160	45.5	39.8	59.8

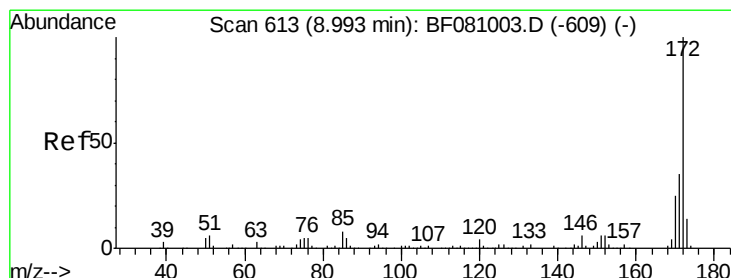
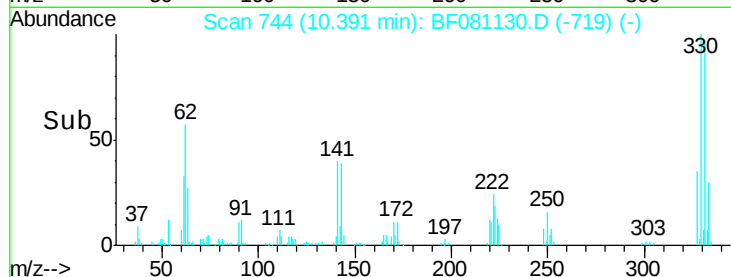
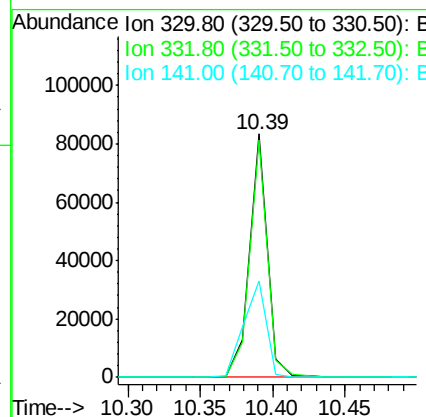
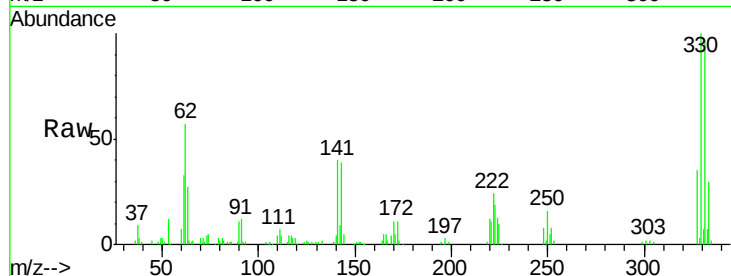




#41
 2,4,6-Tribromophenol
 Concen: 66.83 ng
 RT: 10.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF081130.D
 Acq: 20 Aug 2015 18:06

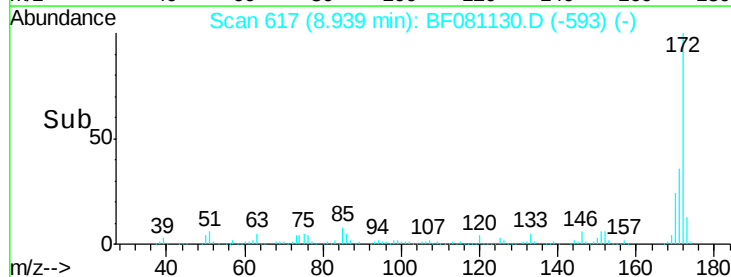
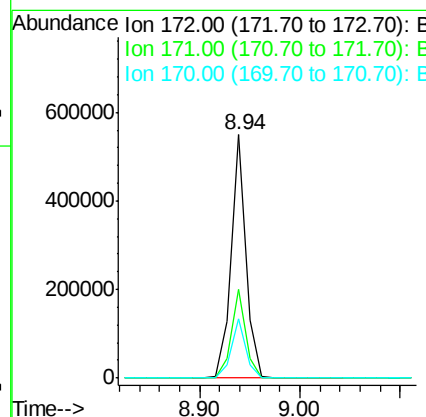
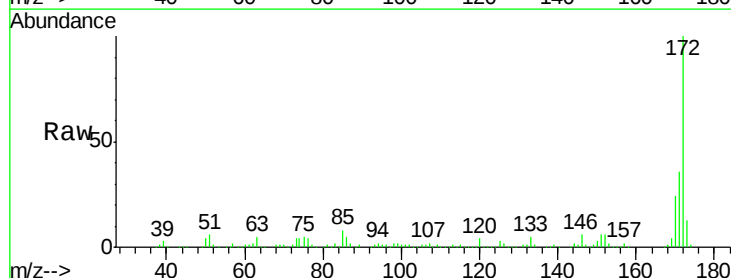
Instrument :
 BNA_F
 ClientSampled :
 PB85099BL

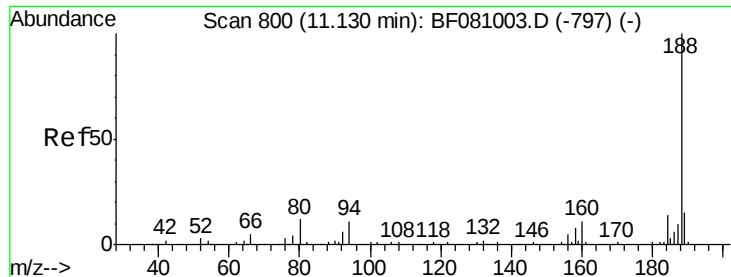
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	50.2	44.9	67.3



#44
 2-Fluorobiphenyl
 Concen: 59.66 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081130.D
 Acq: 20 Aug 2015 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.3	19.4	29.2

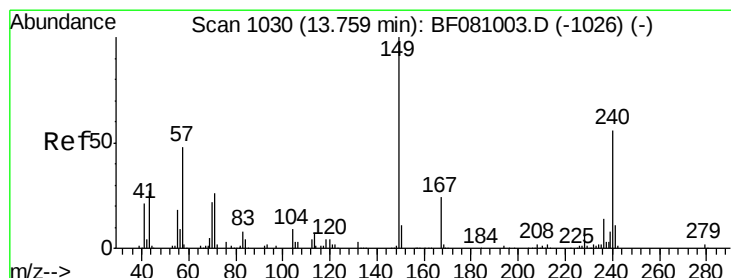
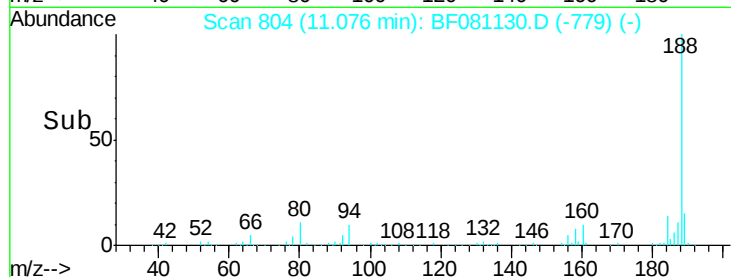
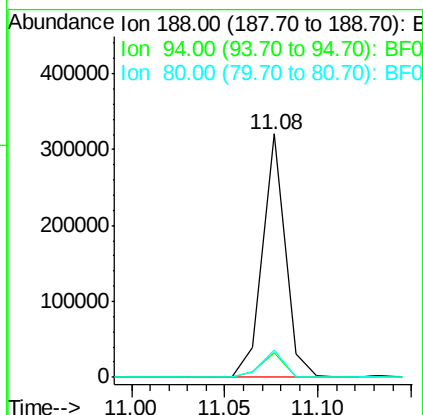
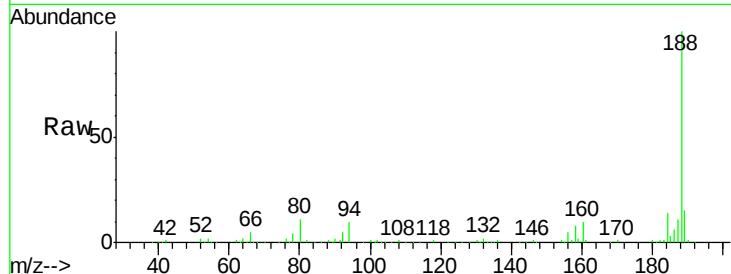




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081130.D
Acq: 20 Aug 2015 18:06

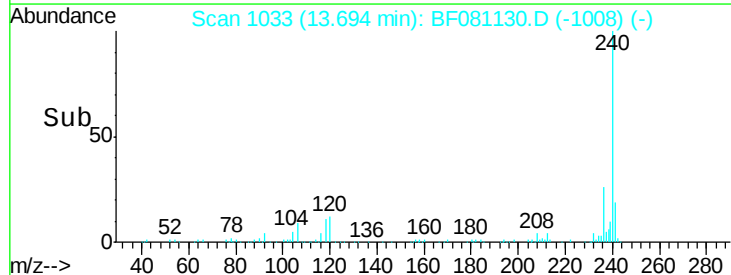
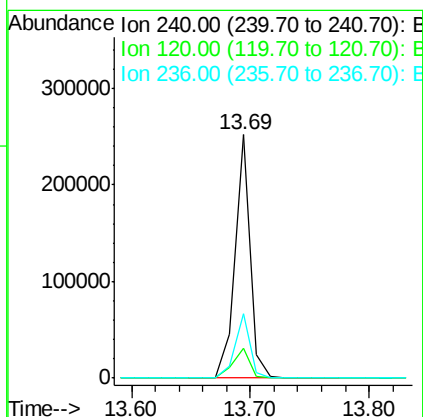
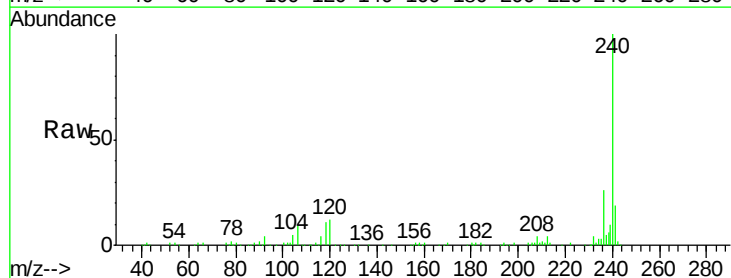
Instrument :
BNA_F
ClientSampleId :
PB85099BL

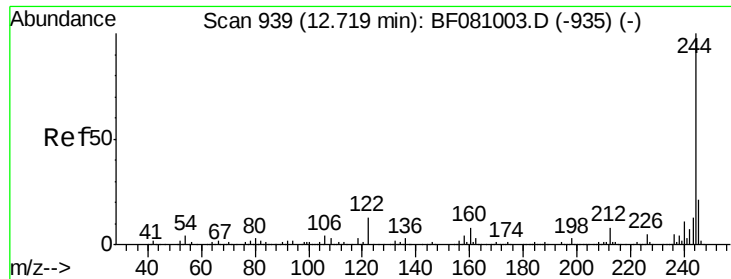
Tot Ion:188 Resp: 269732
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.0 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF081130.D
Acq: 20 Aug 2015 18:06

Tgt Ion:240 Resp: 223650
Ion Ratio Lower Upper
240 100
120 12.5 5.6 8.4#
236 26.3 20.6 30.8





#78

Terphenyl-d14

Concen: 57.01 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

Instrument :

BNA_F

ClientSampleId :

PB85099BL

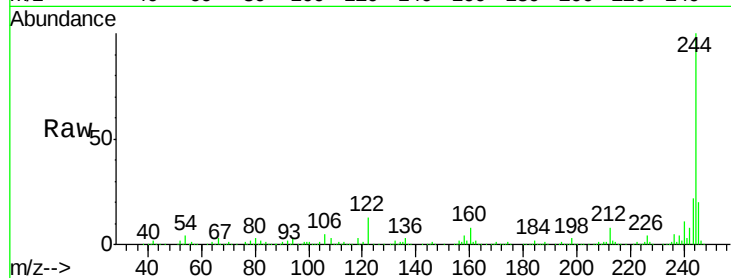
Tot Ion:244 Resp: 594774

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

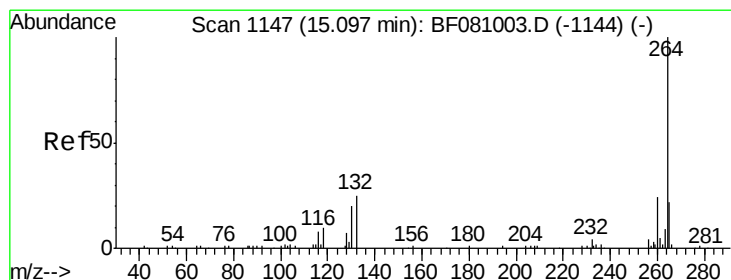
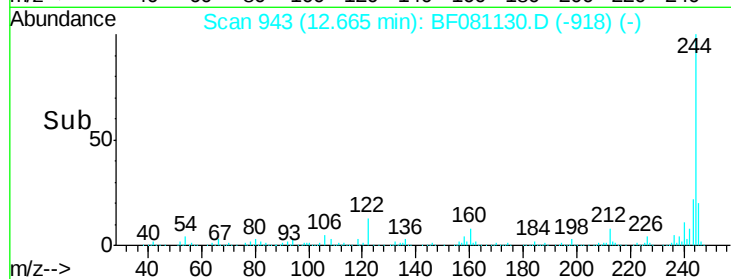
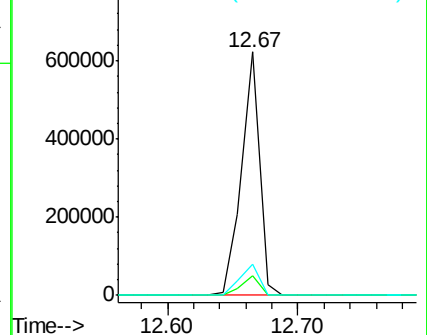
122 12.8 8.2 12.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081130.D

Acq: 20 Aug 2015 18:06

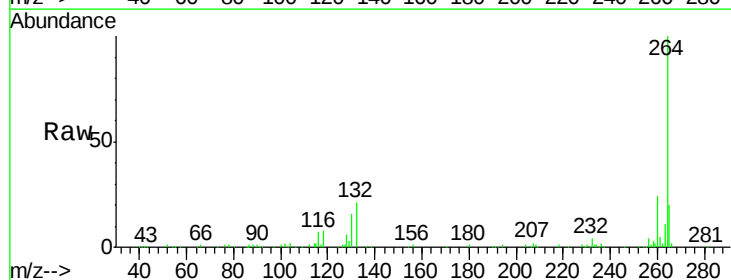
Tgt Ion:264 Resp: 153938

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.2 17.5 26.3



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

