

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080907.D
 Acq On : 7 Aug 2015 1:40
 Operator : TP/UM
 Sample : G3196-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB

Quant Time: Aug 07 05:31:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	59462	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	215950	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	111603	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	243345	20.00	ng	0.00
75) Chrysene-d12	13.95	240	229034	20.00	ng	-0.01
86) Perylene-d12	15.36	264	200130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	198610	53.25	ng	0.00
7) Phenol-d6	6.43	99	177574	34.58	ng	-0.01
23) Nitrobenzene-d5	7.37	82	347466	75.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	165563	138.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	682011	87.10	ng	0.00
78) Terphenyl-d14	12.91	244	729800	67.18	ng	0.00

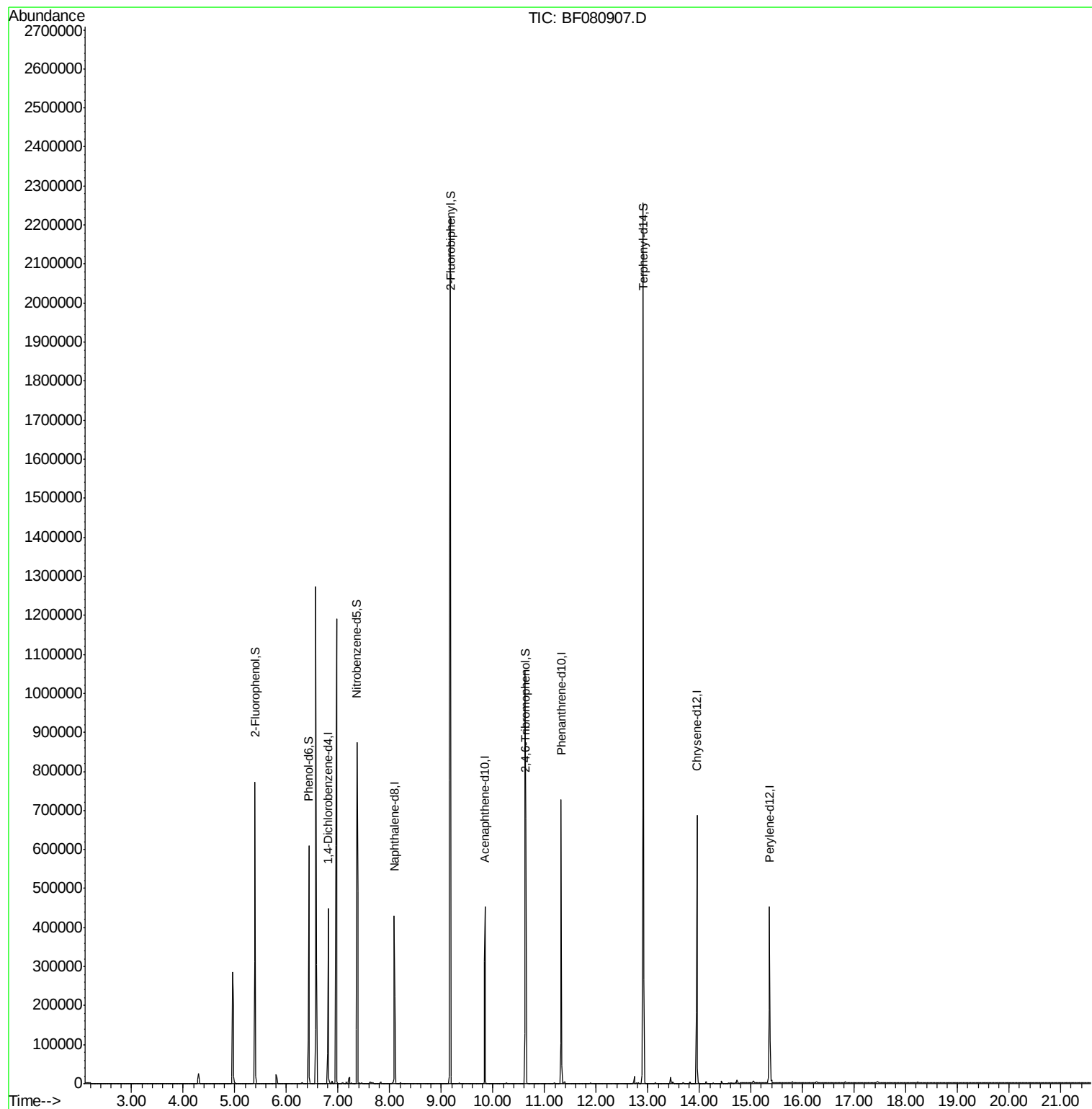
Target Compounds Qvalue

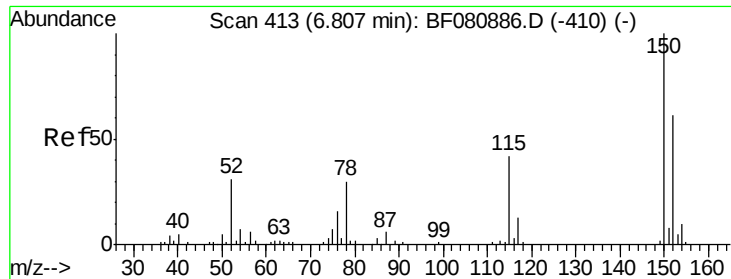
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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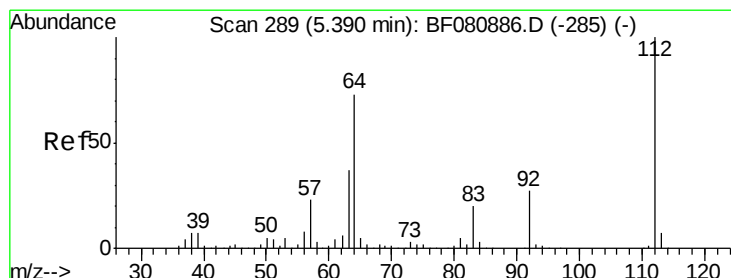
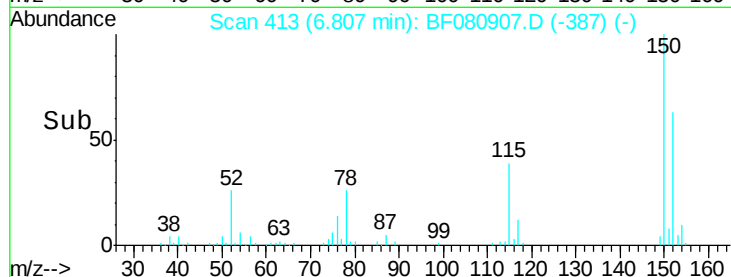
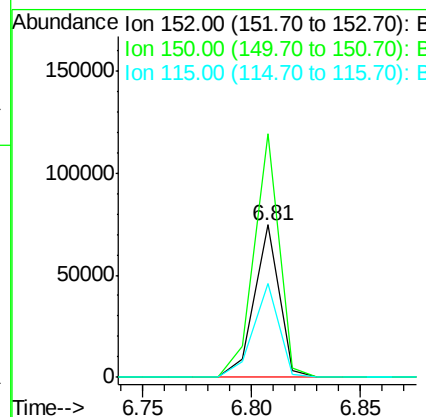
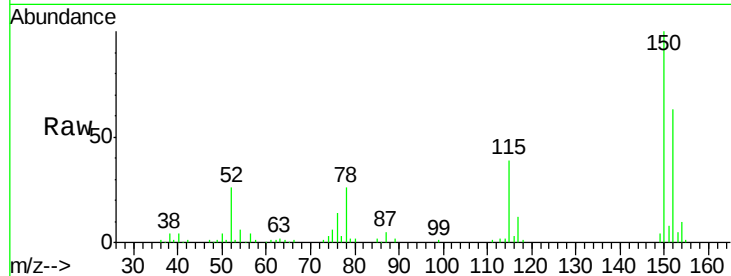


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080907.D
Acq: 7 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :
RB

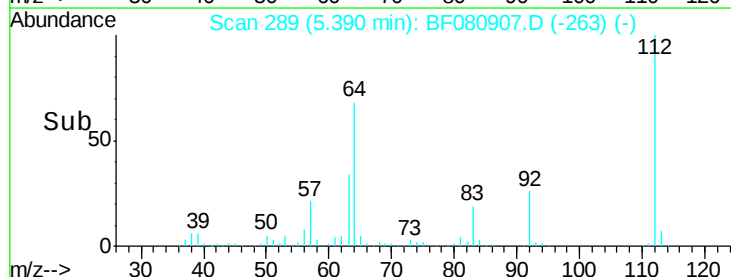
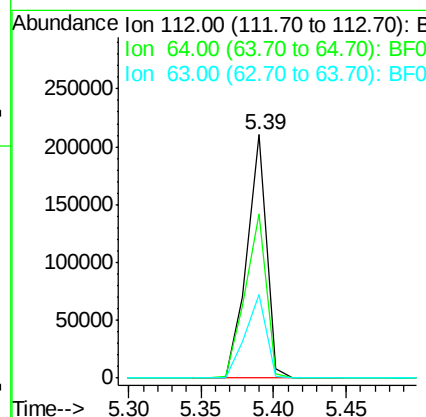
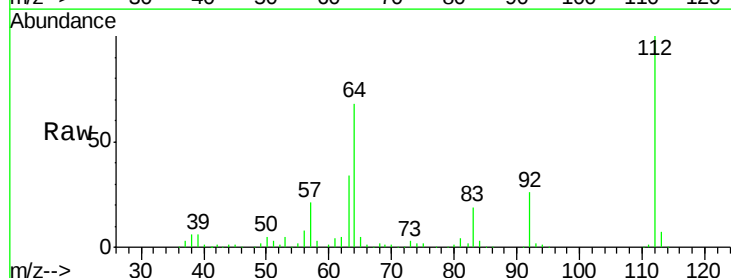
Tot Ion:152 Resp: 59462
Ion Ratio Lower Upper
152 100
150 159.7 132.2 198.2
115 61.8 54.9 82.3

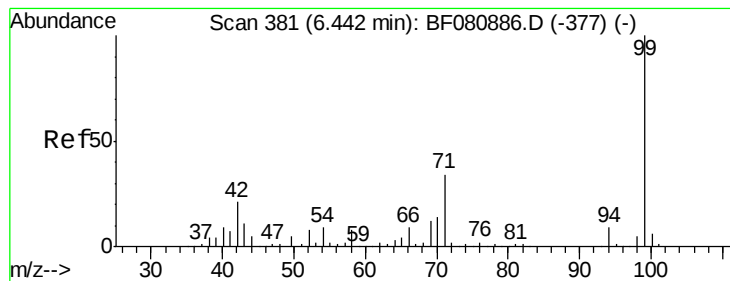


#5

2-Fluorophenol
Concen: 53.25 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080907.D
Acq: 7 Aug 2015 1:40

Tgt Ion:112 Resp: 198610
Ion Ratio Lower Upper
112 100
64 67.6 58.0 87.0
63 34.4 29.8 44.8





#7

Phenol-d6

Concen: 34.58 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080907.D

Acq: 7 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

RB

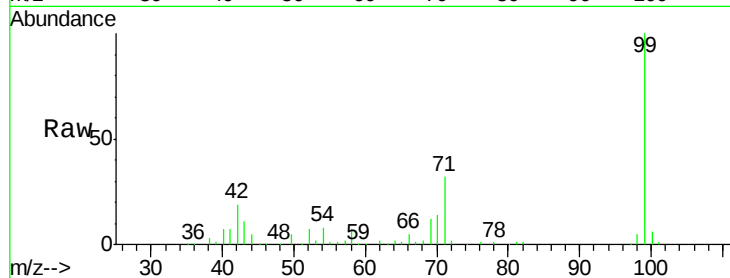
Tot Ion: 99 Resp: 177574

Ion Ratio Lower Upper

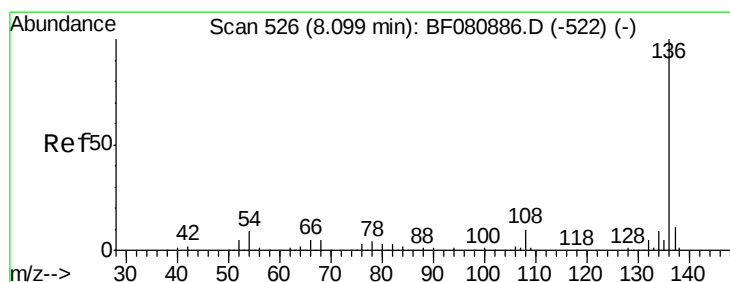
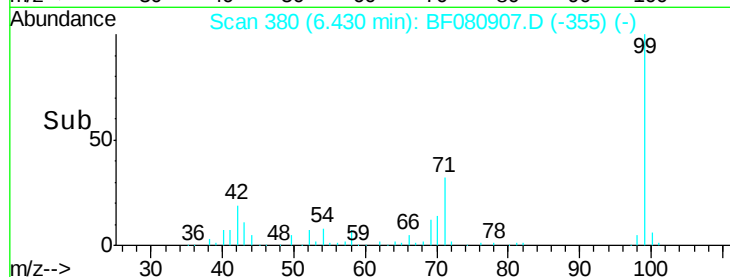
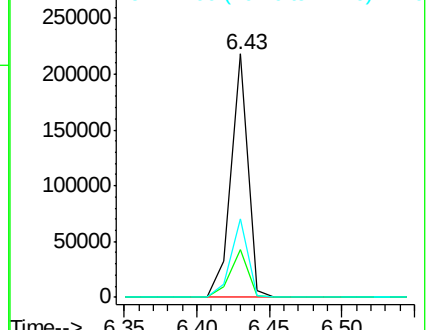
99 100

42 19.4 16.8 25.2

71 32.4 27.4 41.0



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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080907.D

Acq: 7 Aug 2015 1:40

Tgt Ion: 136 Resp: 215950

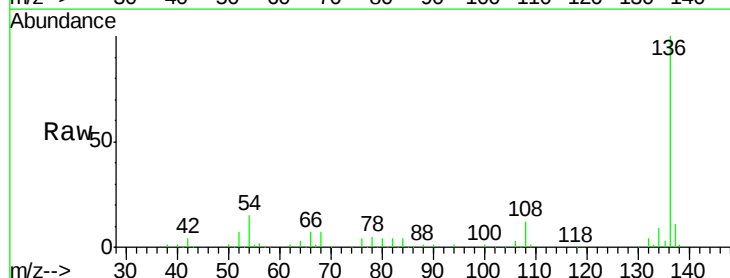
Ion Ratio Lower Upper

136 100

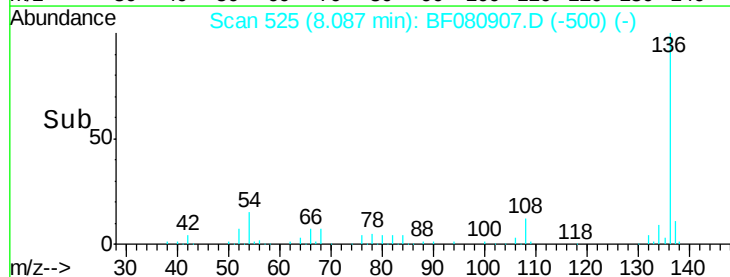
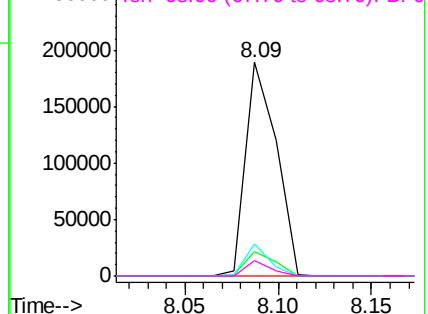
137 11.3 8.6 12.8

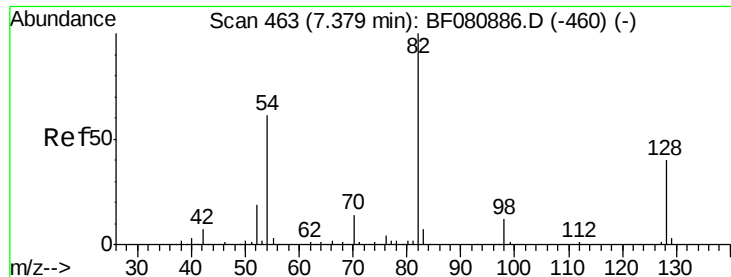
54 14.9 7.5 11.3#

68 7.5 4.2 6.2#



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

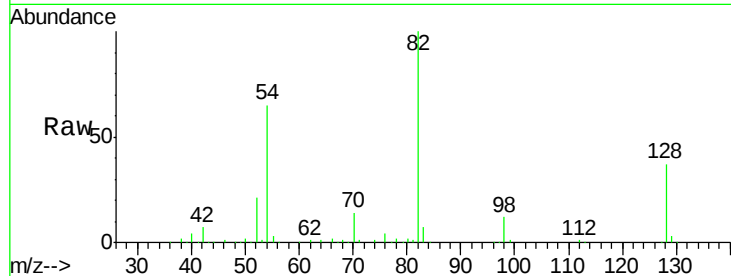




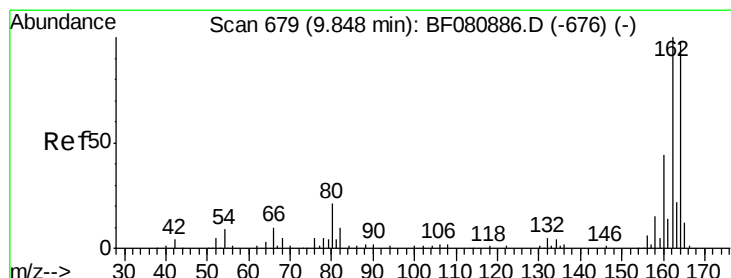
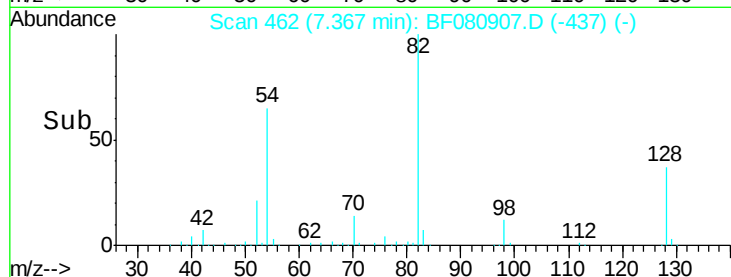
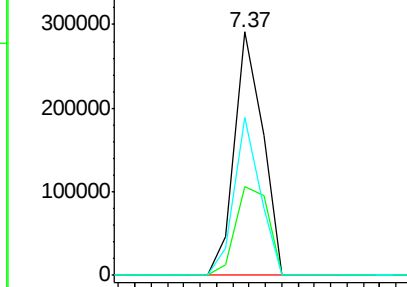
#23
Nitrobenzene-d5
Concen: 75.80 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080907.D
Acq: 7 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :
RB

Tot Ion	82	Resp	347466
Ion Ratio	Lower	Upper	
82	100		
128	36.5	31.8	47.6
54	64.9	48.6	72.8

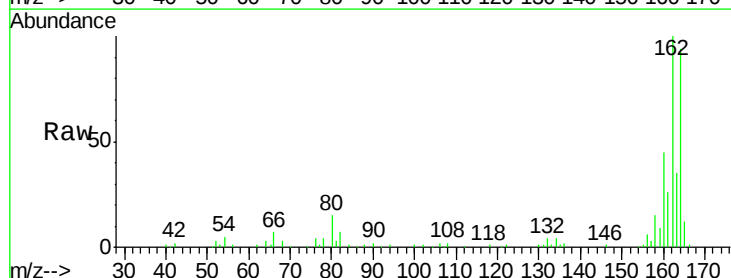


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

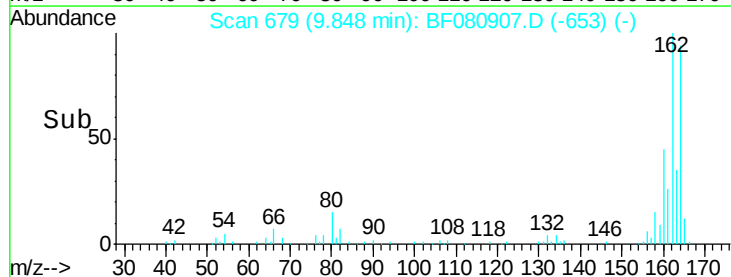
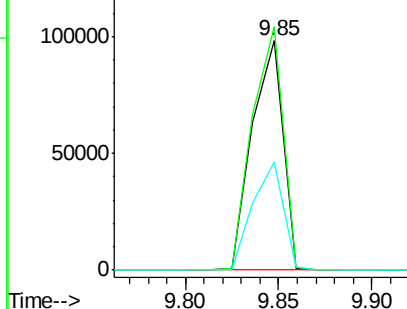


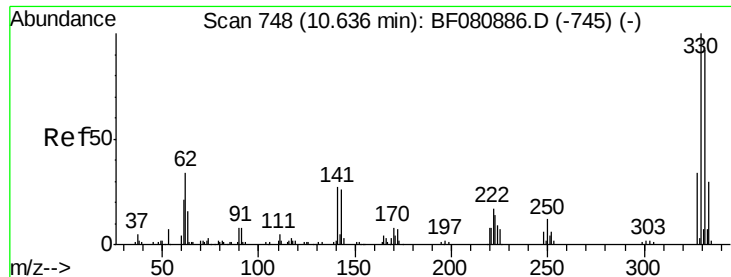
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080907.D
Acq: 7 Aug 2015 1:40

Tgt Ion	164	Resp	111603
Ion Ratio	Lower	Upper	
164	100		
162	106.3	81.5	122.3
160	47.4	35.9	53.9



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

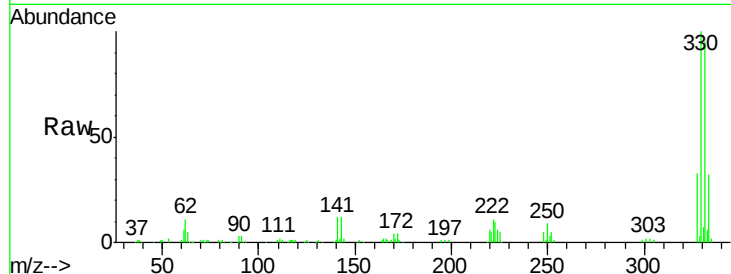




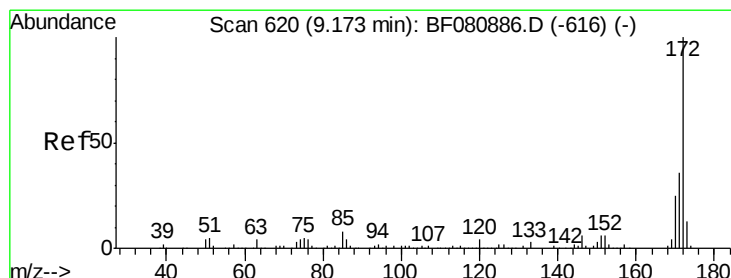
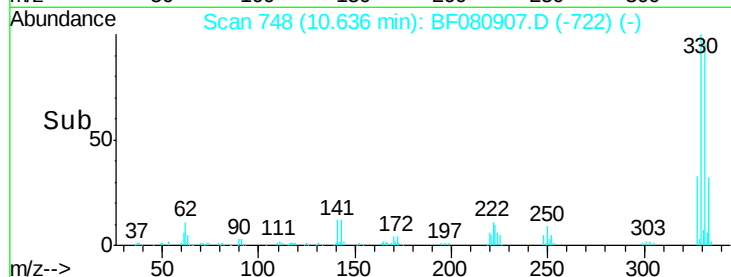
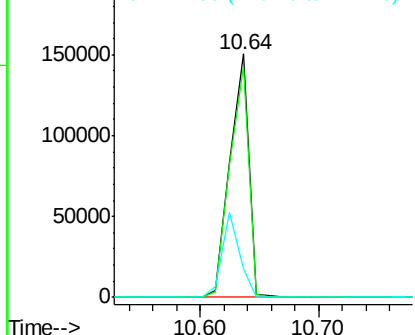
#41
 2,4,6-Tribromophenol
 Concen: 138.11 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080907.D
 Acq: 7 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 RB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	74.1	111.1
141	32.2	30.1	45.1

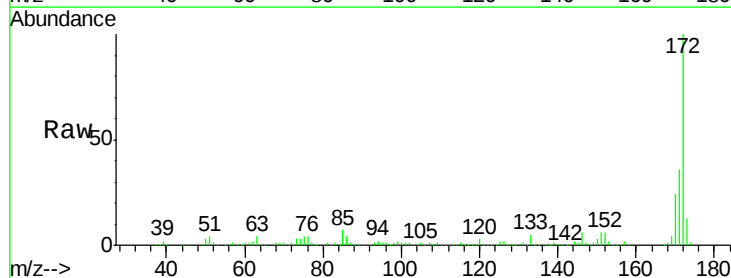


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

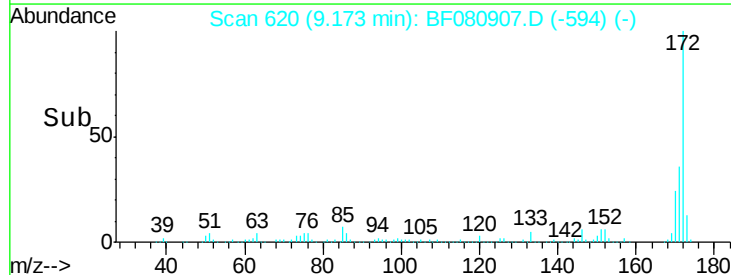
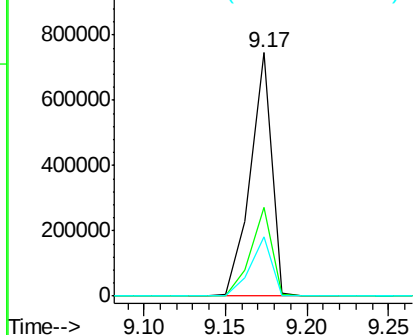


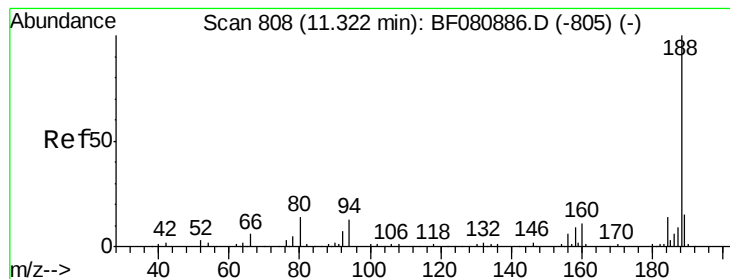
#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080907.D
 Acq: 7 Aug 2015 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.3	19.9	29.9



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: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF080907.D

Acq: 7 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

RB

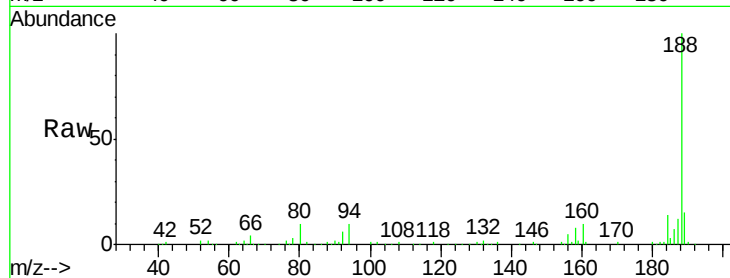
Tot Ion:188 Resp: 243345

Ion Ratio Lower Upper

188 100

94 9.6 10.2 15.2#

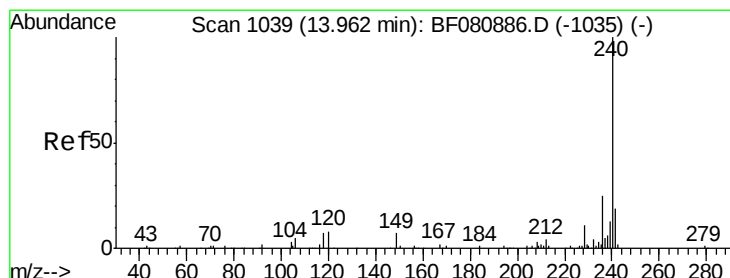
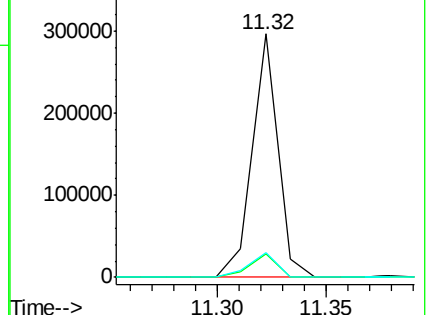
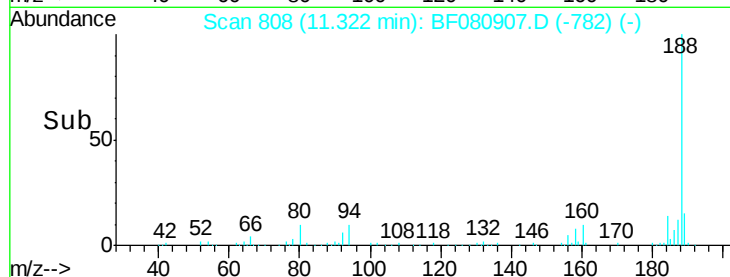
80 10.4 11.4 17.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080907.D

Acq: 7 Aug 2015 1:40

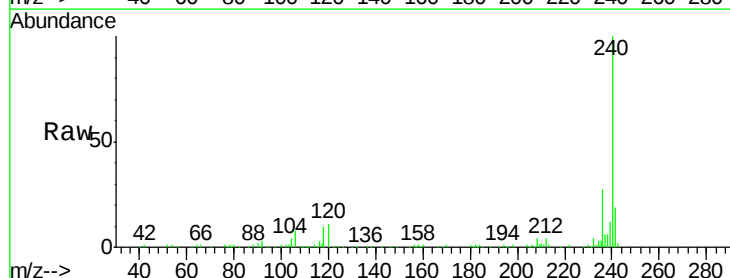
Tgt Ion:240 Resp: 229034

Ion Ratio Lower Upper

240 100

120 11.0 6.4 9.6#

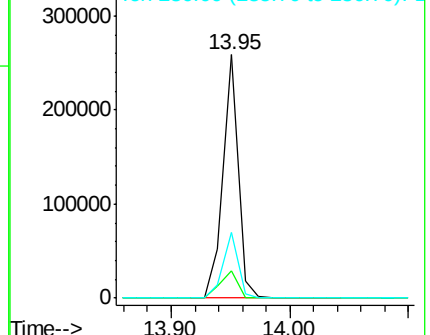
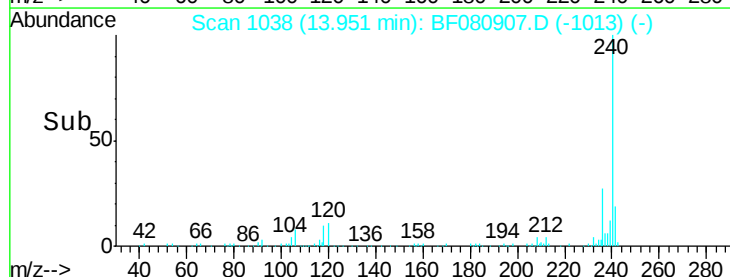
236 26.8 20.2 30.4

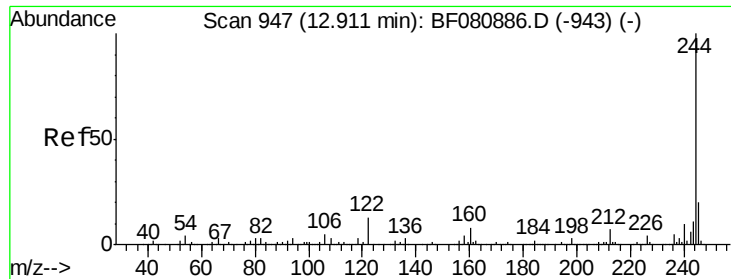


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

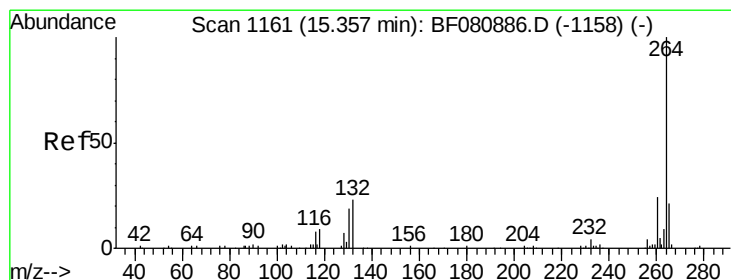
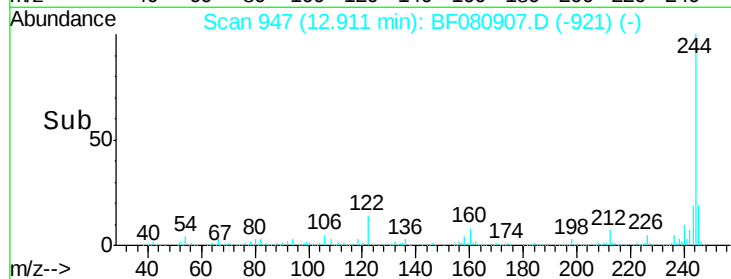
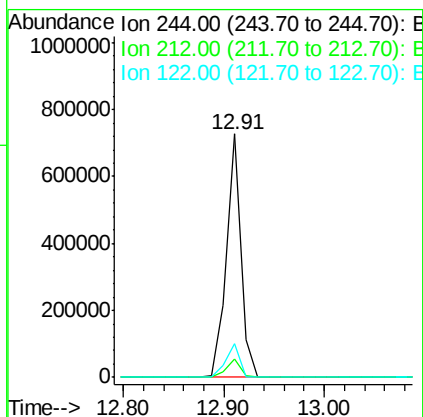
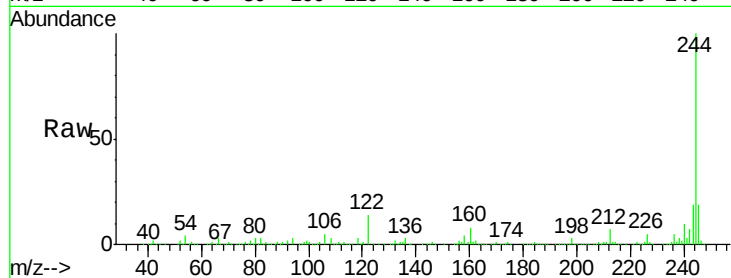




#78
 Terphenyl-d14
 Concen: 67.18 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080907.D
 Acq: 7 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 RB

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	13.9	10.6	16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080907.D
 Acq: 7 Aug 2015 1:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.4
265	21.3	17.0	25.6

