

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083306.D
 Acq On : 26 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4553-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-U-B

Quant Time: Nov 26 12:54:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	155846	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	526454	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	225512	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	389513	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	438754	20.00	ng	-0.08
86) Perylene-d12	15.07	264	317682	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	464535	45.06	ng	-0.09
7) Phenol-d6	6.26	99	381967	28.64	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1182975	102.68	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	186308	80.75	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1481496	91.61	ng	-0.07
78) Terphenyl-d14	12.68	244	1255261	67.37	ng	-0.08

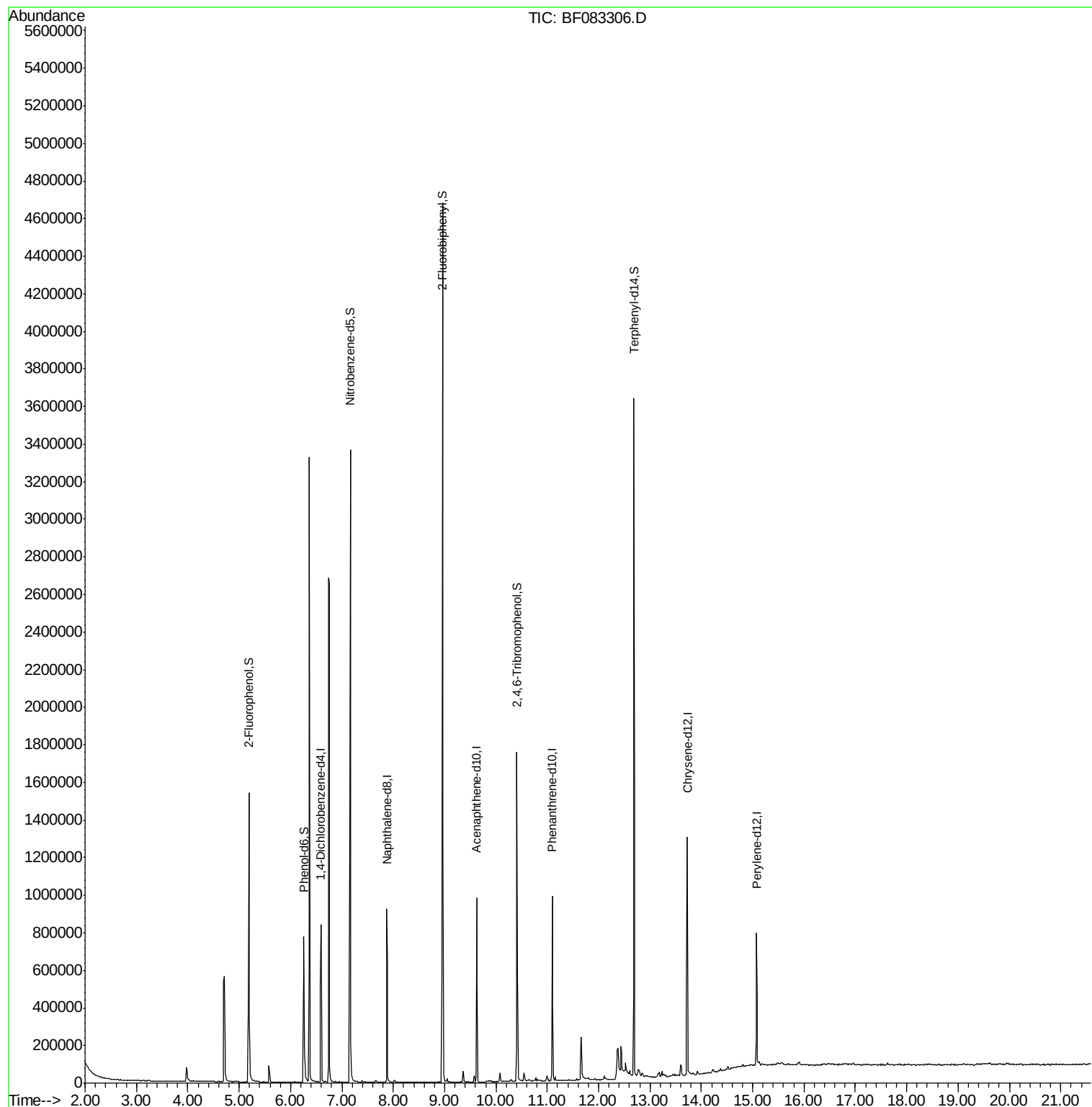
Target Compounds Qvalue

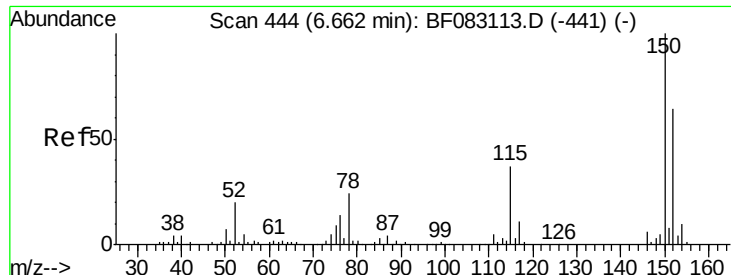
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 12:54:36 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-U-B

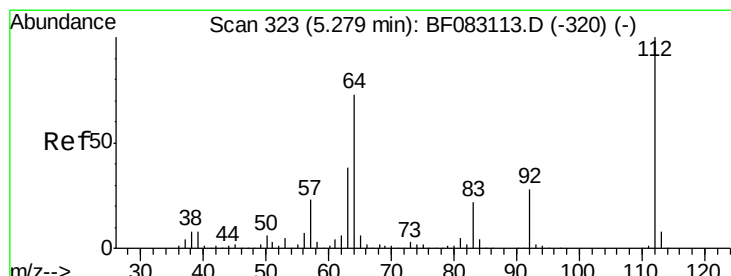
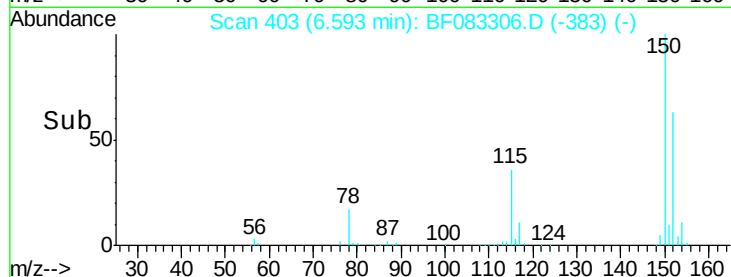
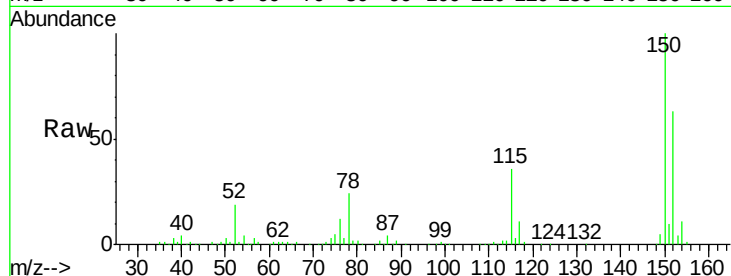
Tot Ion:152 Resp: 155846

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.8

115 57.0 46.9 70.3



#5

2-Fluorophenol

Concen: 45.06 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

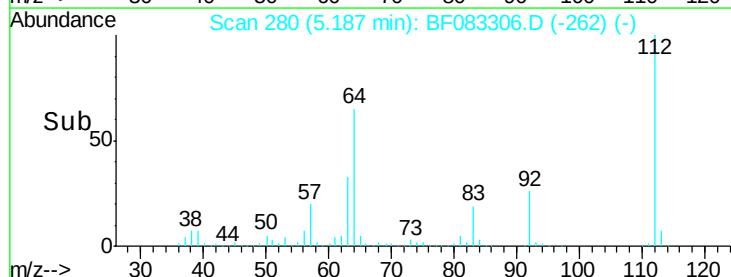
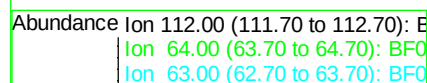
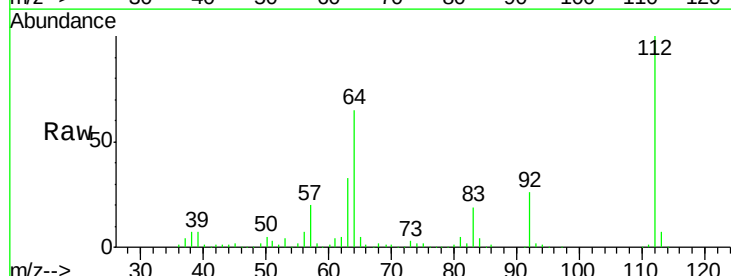
Tgt Ion:112 Resp: 464535

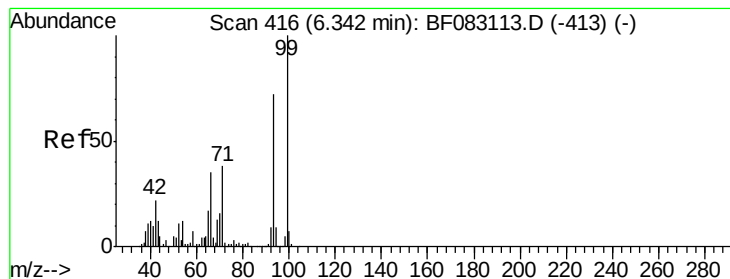
Ion Ratio Lower Upper

112 100

64 65.4 58.4 87.6

63 32.6 30.0 45.0





#7

Phenol-d6

Concen: 28.64 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-U-B

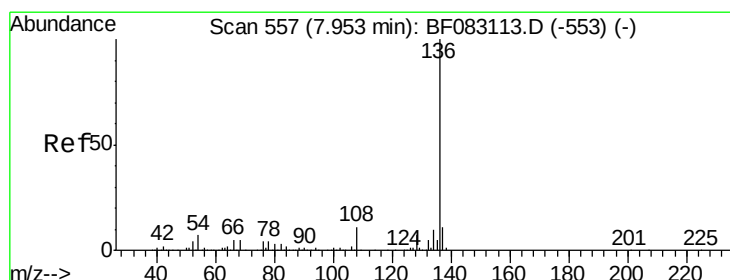
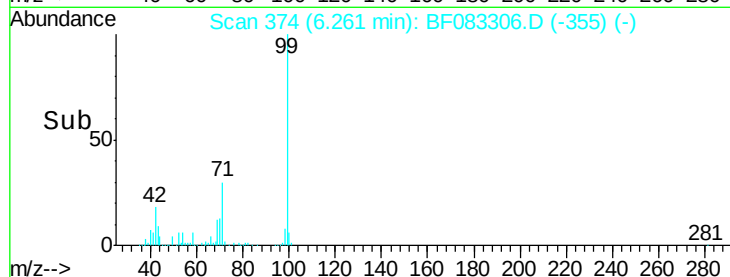
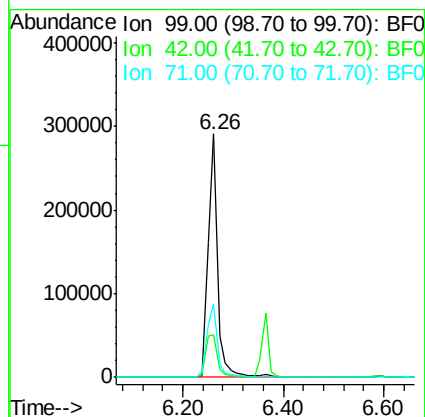
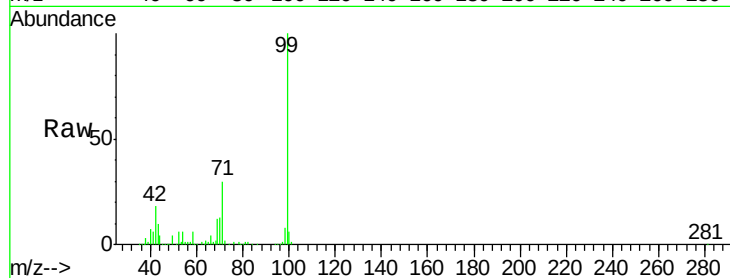
Tot Ion: 99 Resp: 381967

Ion Ratio Lower Upper

99 100

42 17.7 17.7 26.5#

71 30.0 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Tgt Ion: 136 Resp: 526454

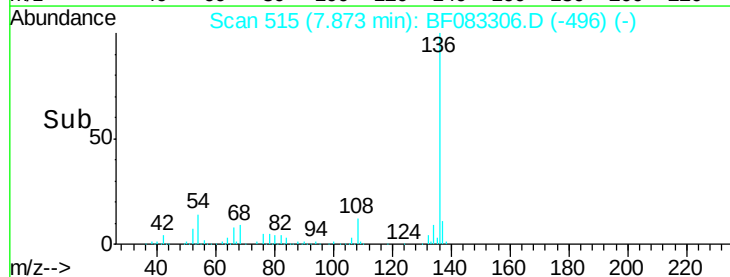
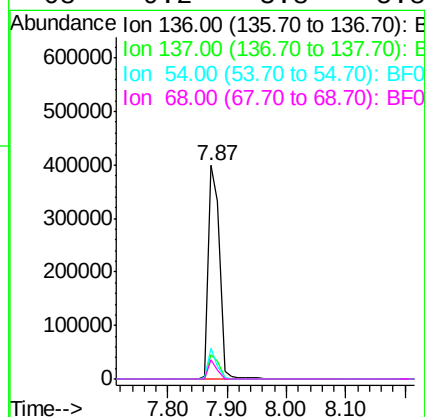
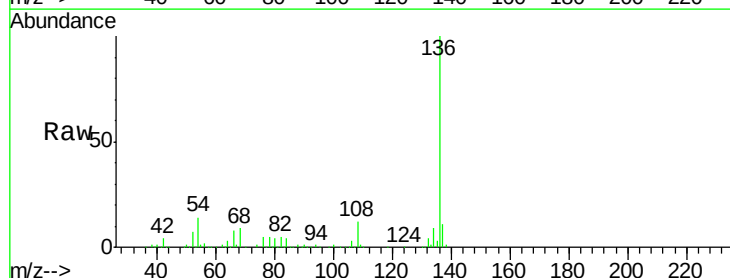
Ion Ratio Lower Upper

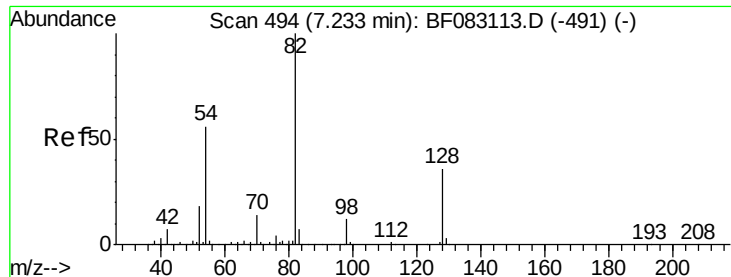
136 100

137 11.4 8.7 13.1

54 14.2 5.8 8.6#

68 9.2 3.8 5.8#

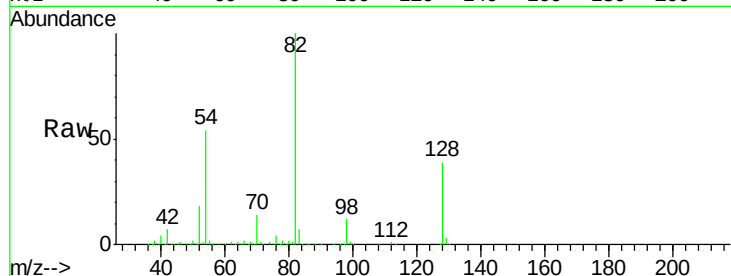




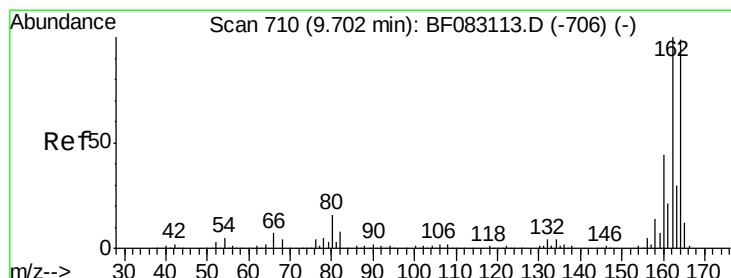
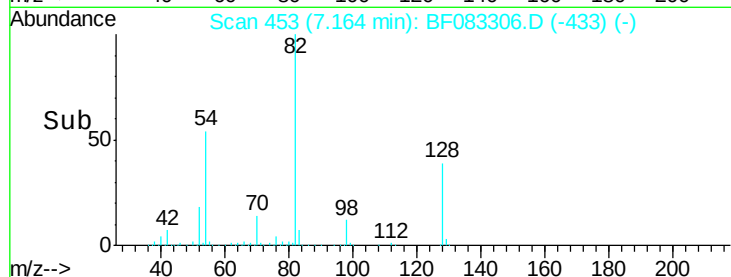
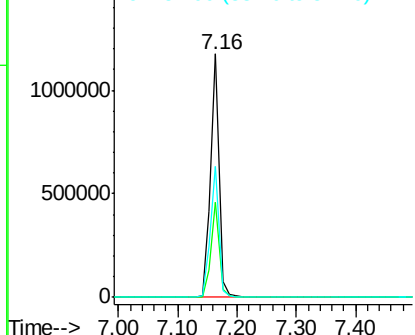
#23
 Nitrobenzene-d5
 Concen: 102.68 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-U-B

Tot Ion: 82 Resp: 1182975
 Ion Ratio Lower Upper
 82 100
 128 39.2 28.5 42.7
 54 53.7 44.6 67.0

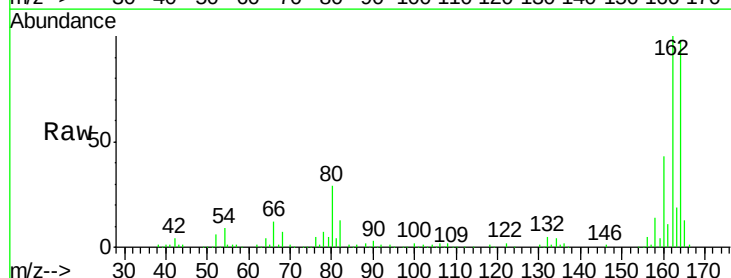


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

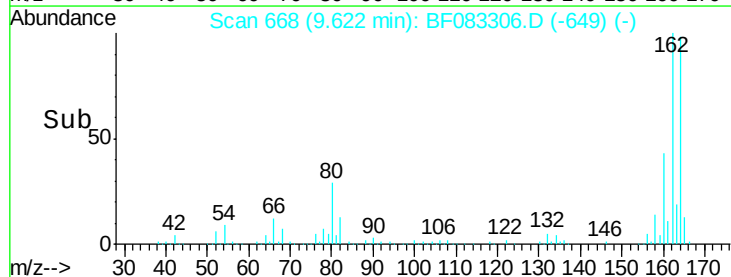
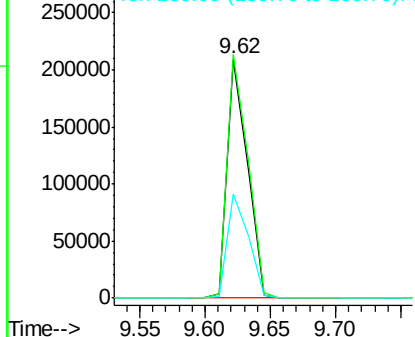


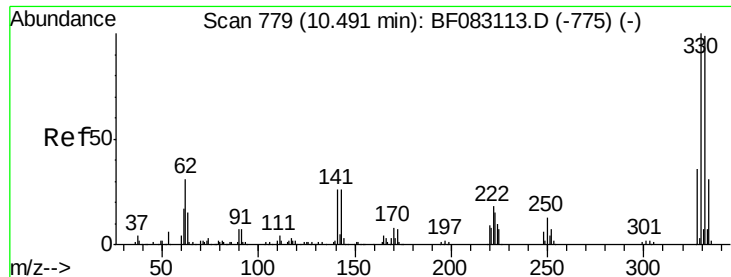
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

Tgt Ion:164 Resp: 225512
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.2 121.8
 160 43.7 35.6 53.4



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

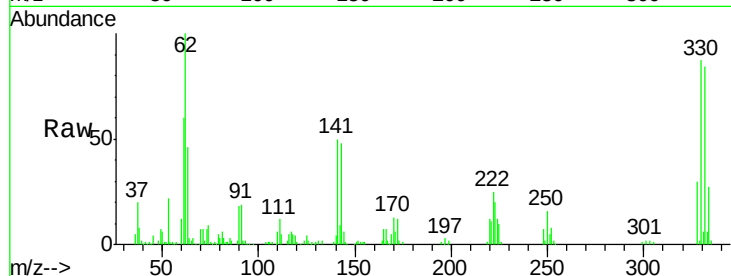




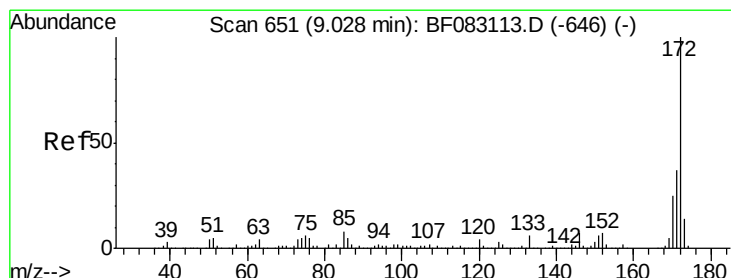
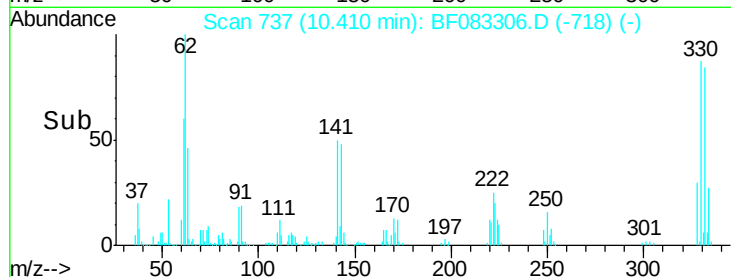
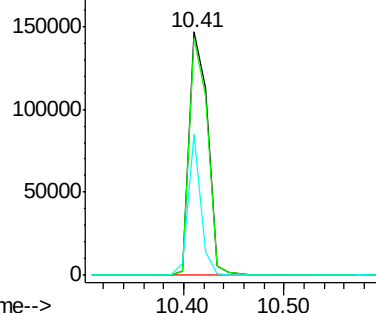
#41
 2,4,6-Tribromophenol
 Concen: 80.75 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	39.6	29.7	44.5

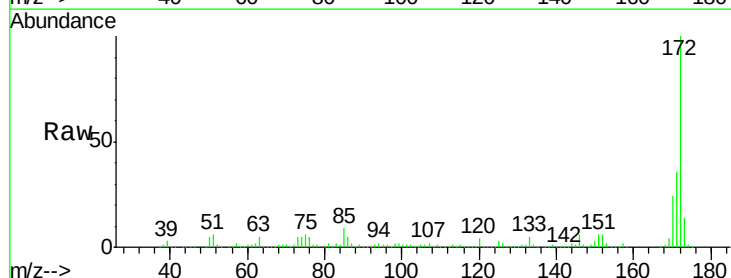


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

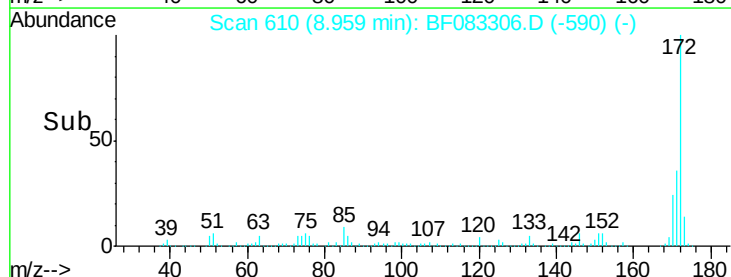
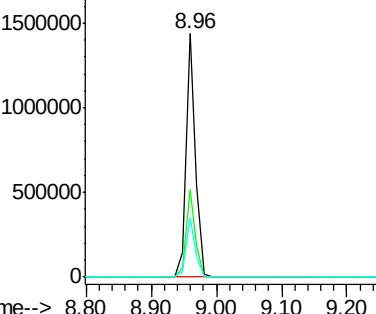


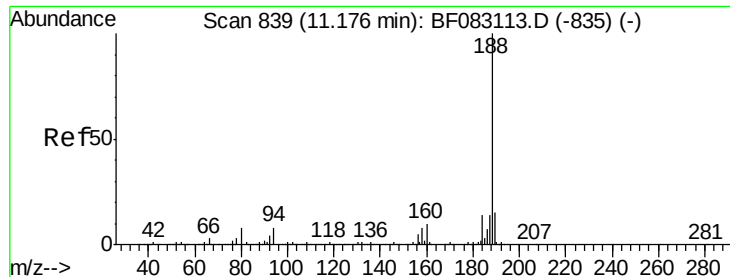
#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.5	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

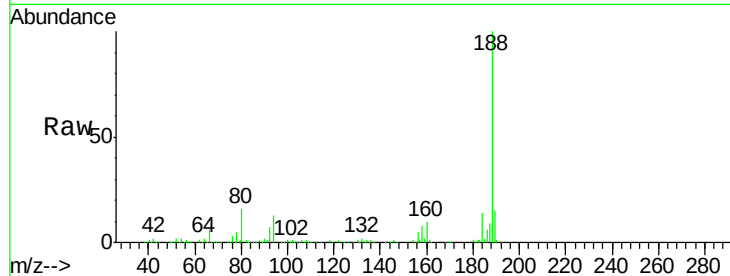




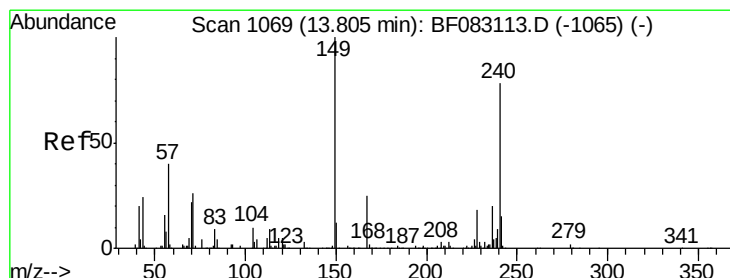
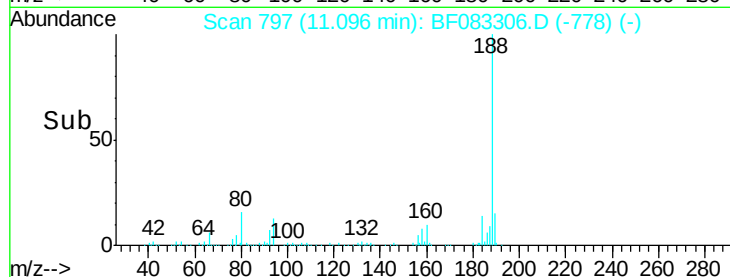
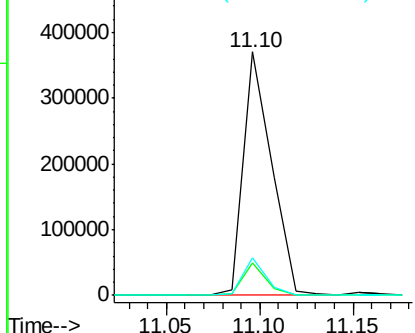
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083306.D
Acq: 26 Nov 2015 8:38

Instrument :
BNA_F
ClientSampleId :
112315-A263-F-U-B

Tot Ion:188 Resp: 389513
Ion Ratio Lower Upper
188 100
94 13.4 6.0 9.0#
80 15.6 6.7 10.1#

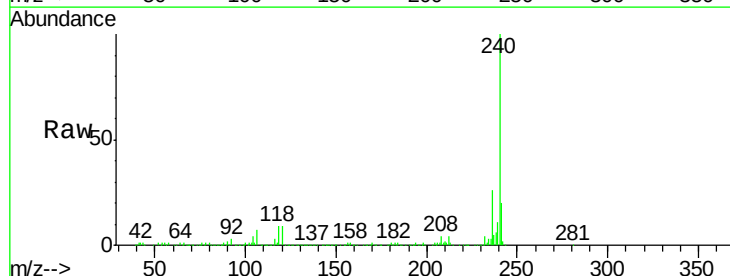


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

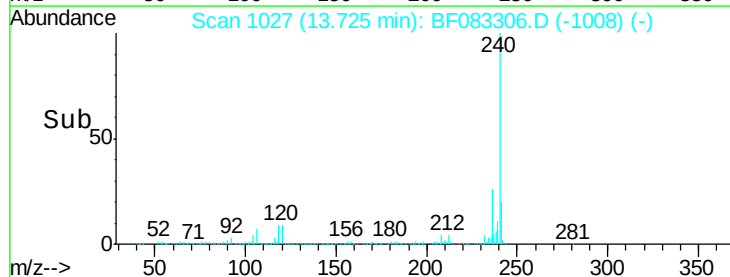
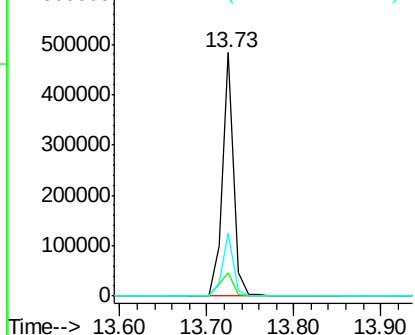


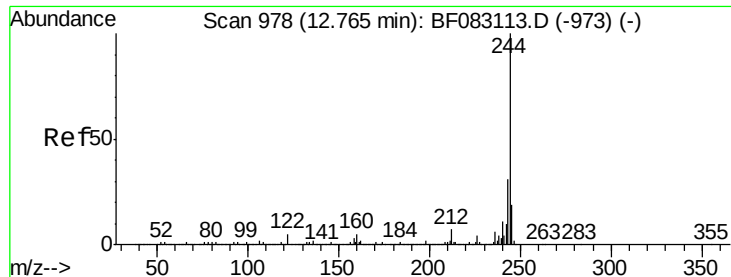
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083306.D
Acq: 26 Nov 2015 8:38

Tgt Ion:240 Resp: 438754
Ion Ratio Lower Upper
240 100
120 9.5 5.4 8.2#
236 25.7 20.6 31.0



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: 67.37 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-U-B

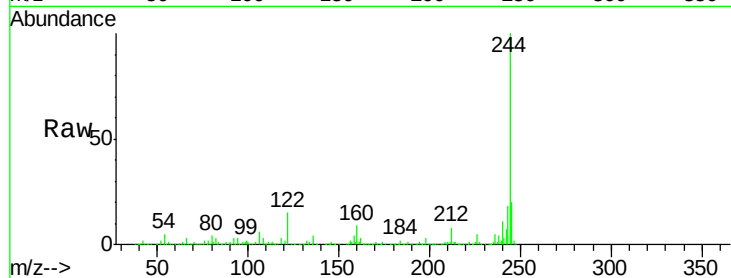
Tot Ion:244 Resp: 1255261

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

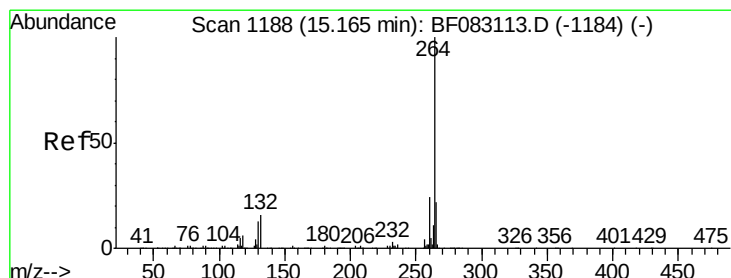
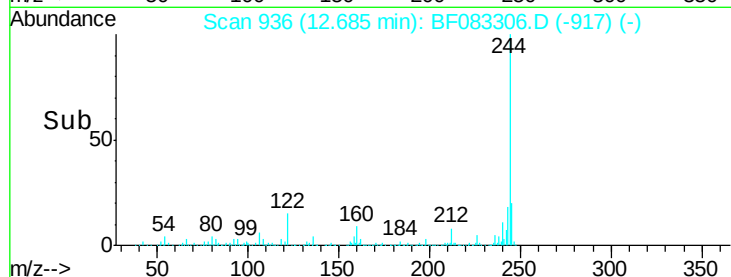
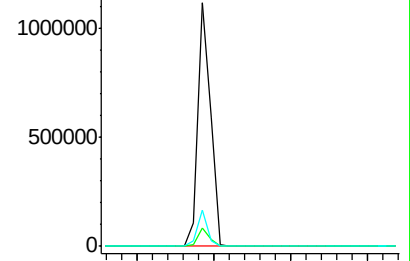
122 15.0 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

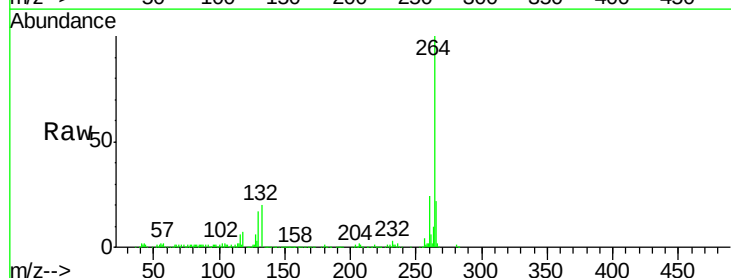
Tgt Ion:264 Resp: 317682

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.4 18.2 27.4



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

