

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 :

Quant Time: Nov 26 12:41:05 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

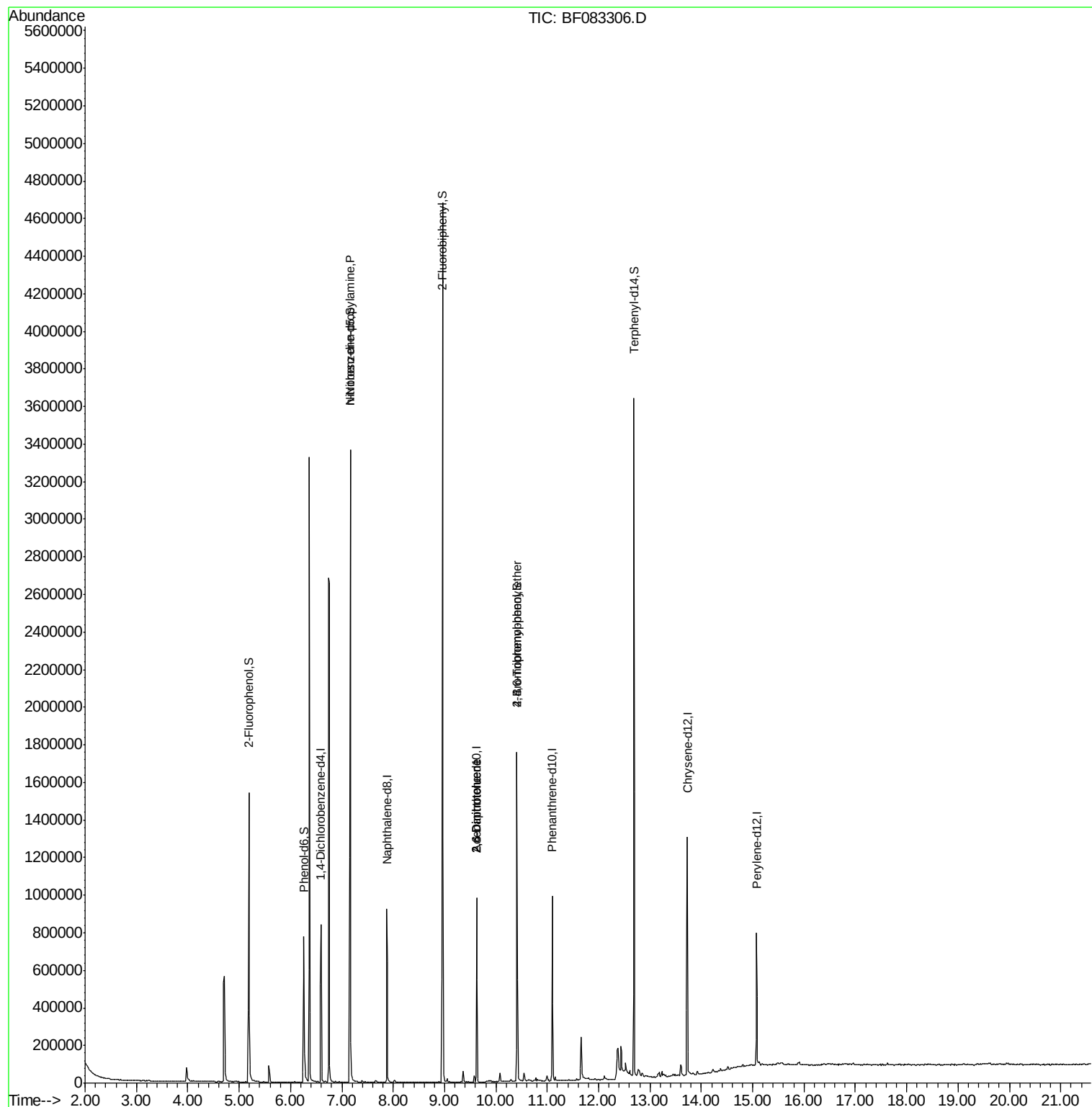
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	155846	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	526454	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	225512	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	389513	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	438754	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						
19) n-Nitroso-di-n-propylamine	7.16	70	162266	17.48	ng	# 76
50) 2,6-Dinitrotoluene	9.62	165	28786	7.39	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	28786	5.83	ng	# 11
66) 4-Bromophenyl-phenylether	10.41	248	12711	2.94	ng	# 1

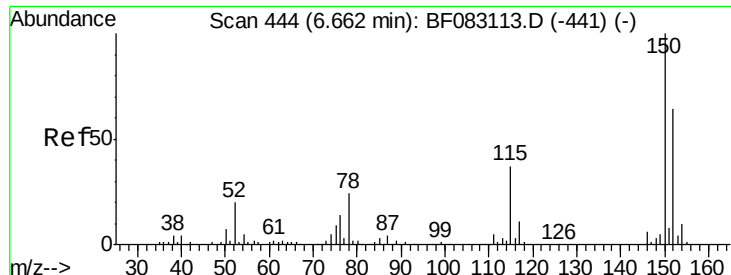
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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Quant Time: Nov 26 12:41:05 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





#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 :

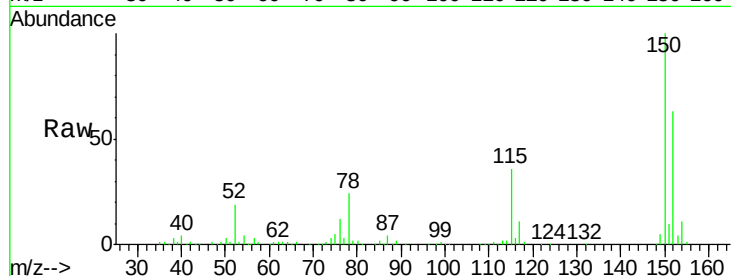
Tot Ion:152 Resp: 155846

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.8

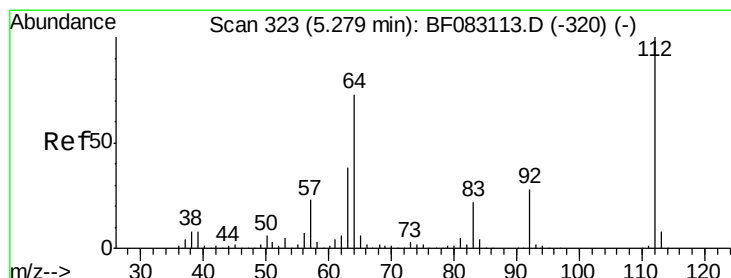
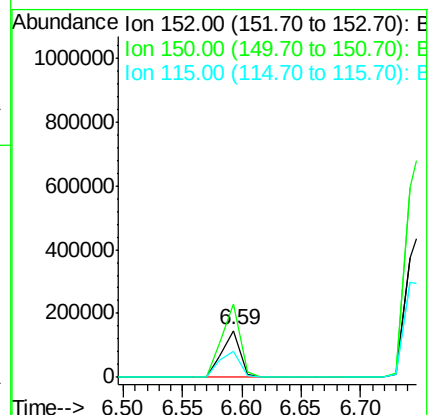
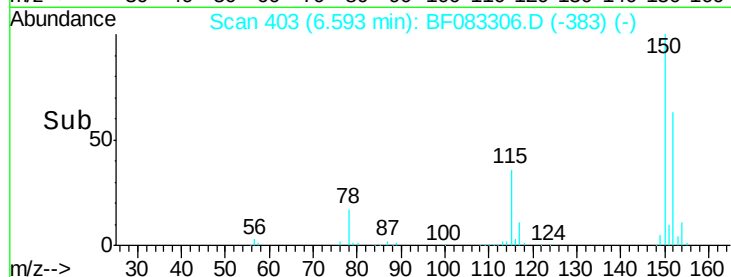
115 57.0 46.9 70.3



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: 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

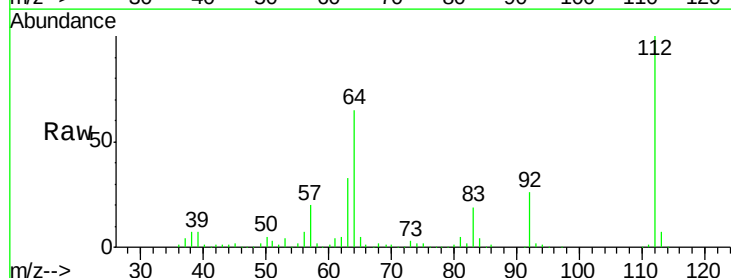
Tgt Ion:112 Resp: 464535

Ion Ratio Lower Upper

112 100

64 65.4 58.4 87.6

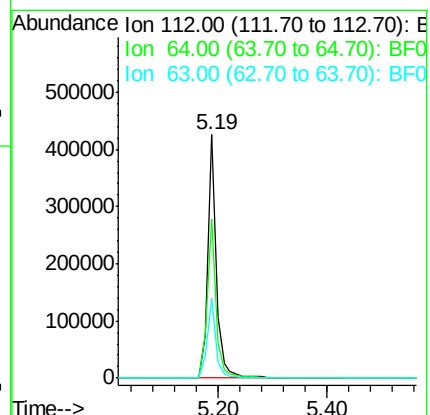
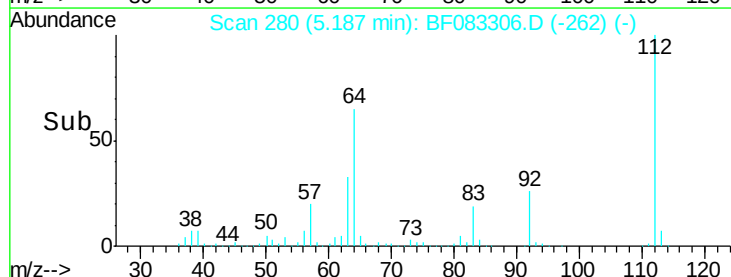
63 32.6 30.0 45.0

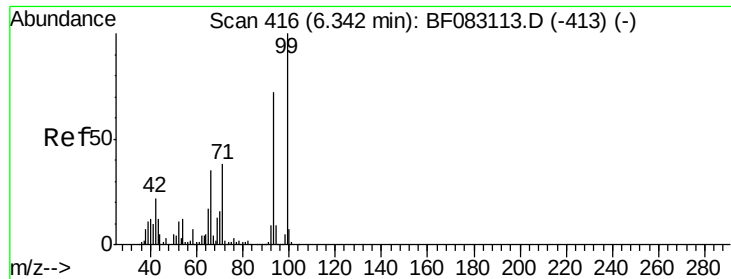


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.64 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 :

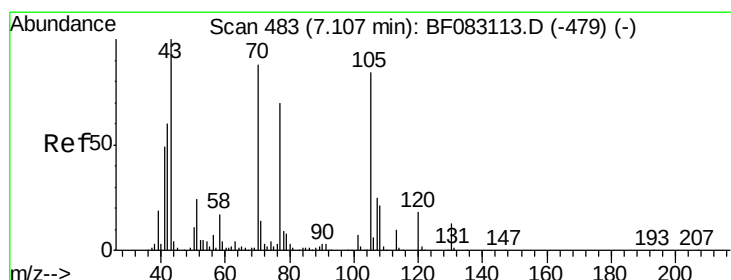
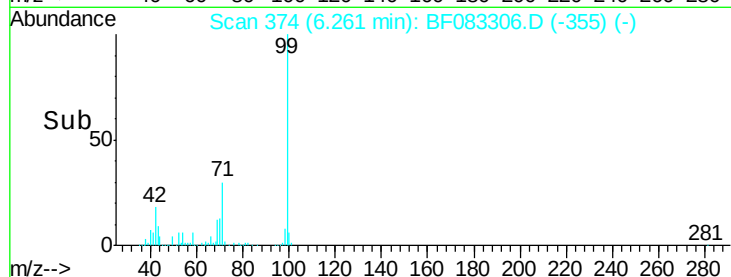
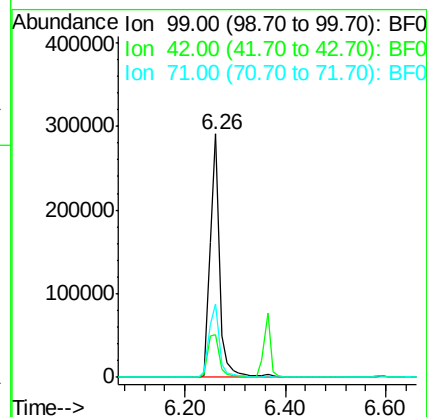
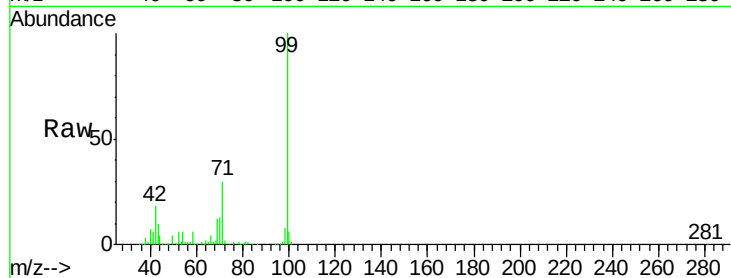
Tot Ion: 99 Resp: 381967

Ion Ratio Lower Upper

99 100

42 17.7 17.7 26.5#

71 30.0 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Tgt Ion: 70 Resp: 162266

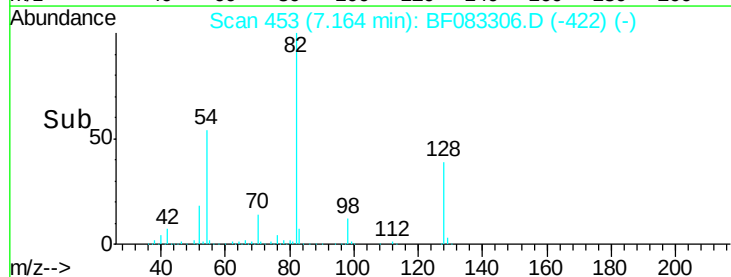
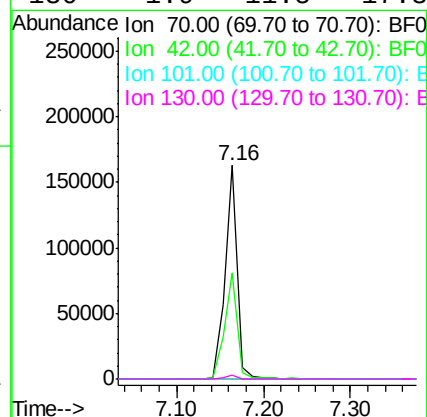
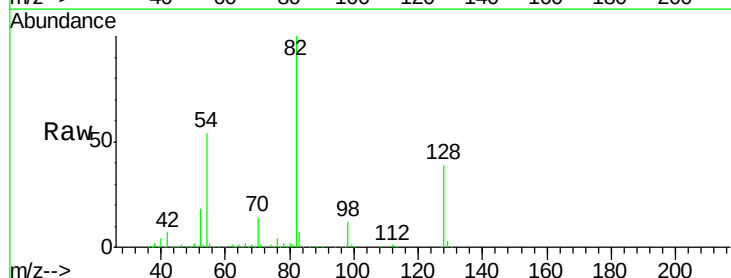
Ion Ratio Lower Upper

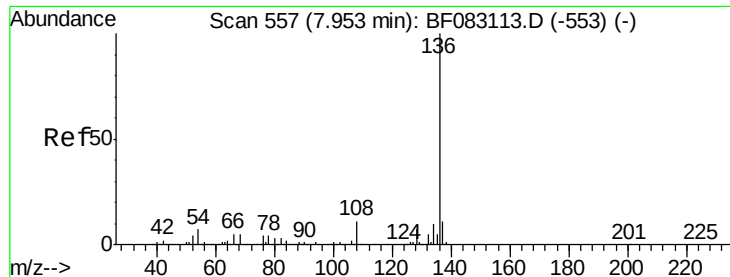
70 100

42 49.9 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#

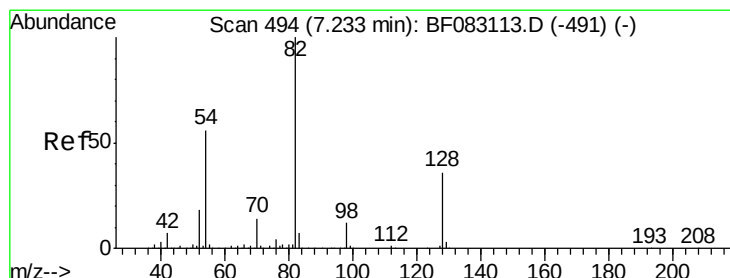
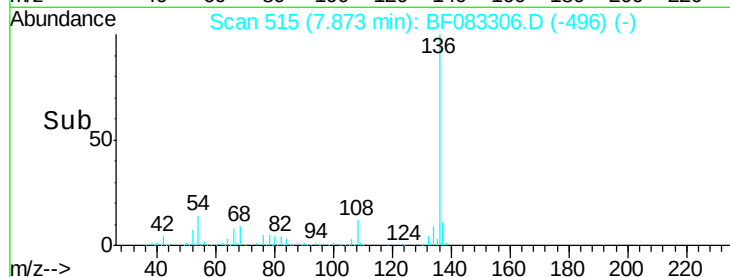
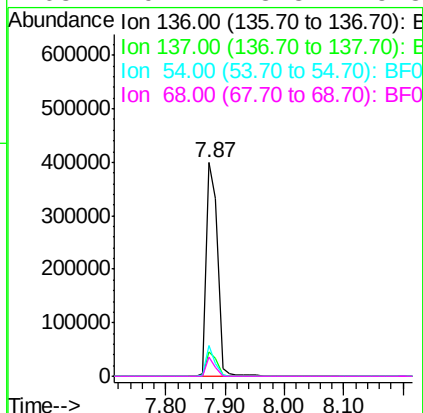
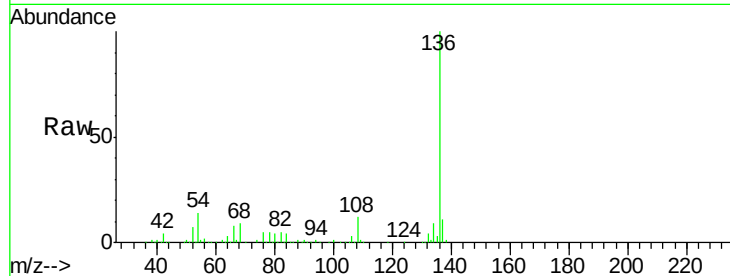




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083306.D
Acq: 26 Nov 2015 8:38

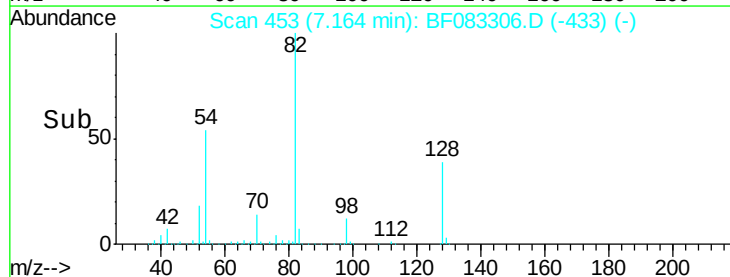
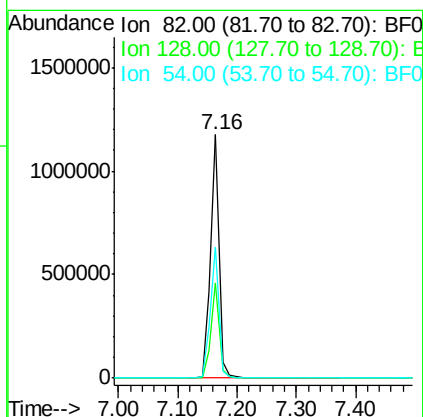
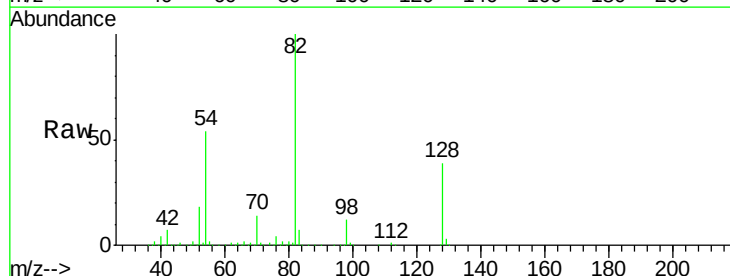
Instrument :
BNA_F
ClientSampleId :

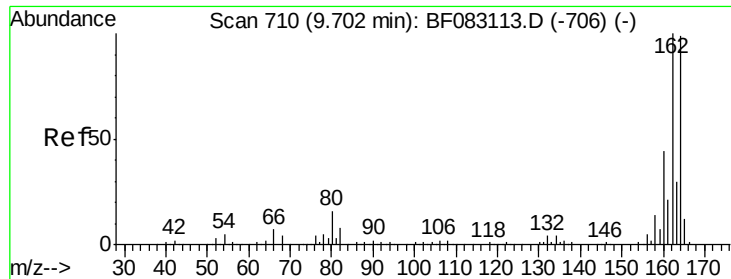
Tot Ion:136	Resp:	526454
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	14.2	5.8 8.6#
68	9.2	3.8 5.8#



#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

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

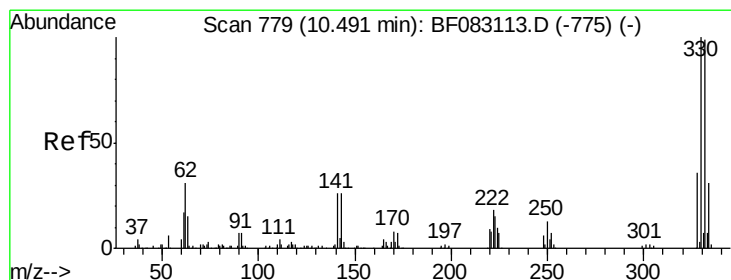
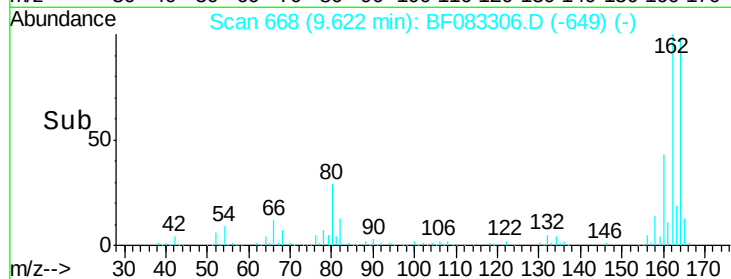
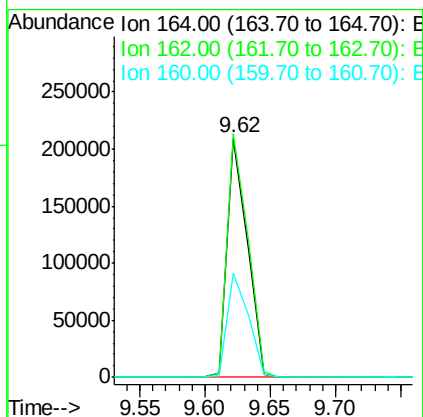
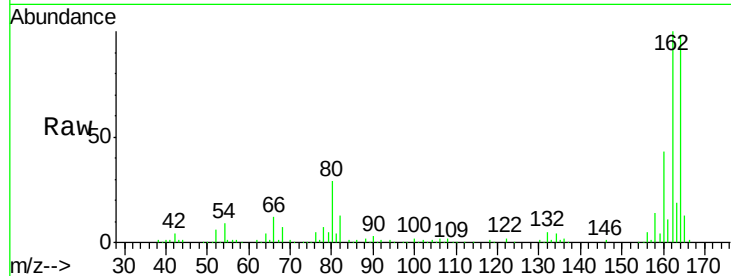




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

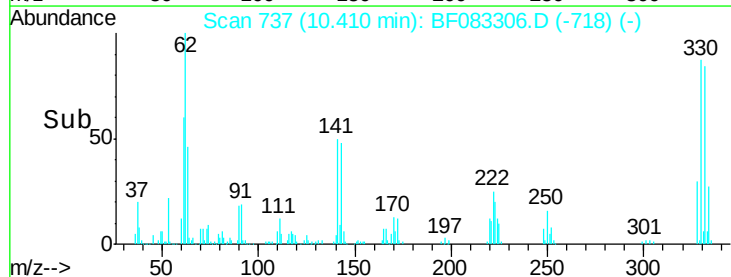
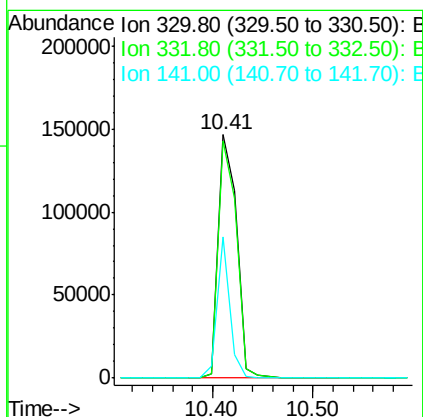
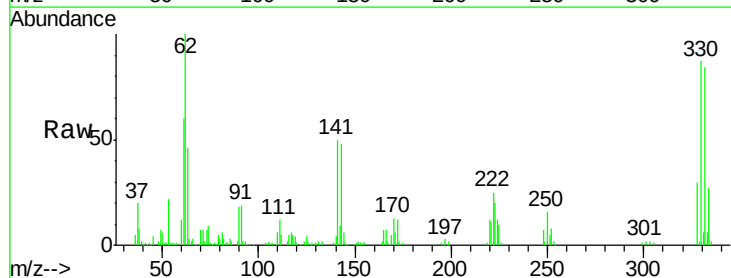
Instrument :
 BNA_F
 ClientSampleId :

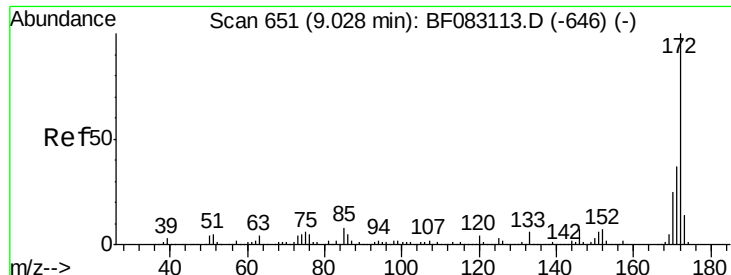
Tot Ion:164 Resp: 225512
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.2 121.8
 160 43.7 35.6 53.4



#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

Tgt Ion:330 Resp: 186308
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 39.6 29.7 44.5



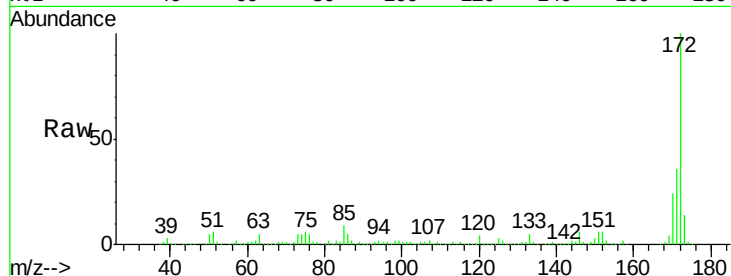


#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

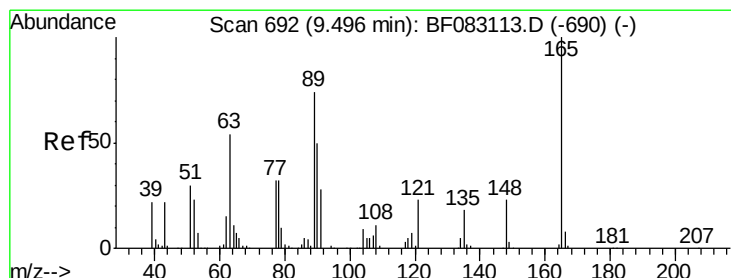
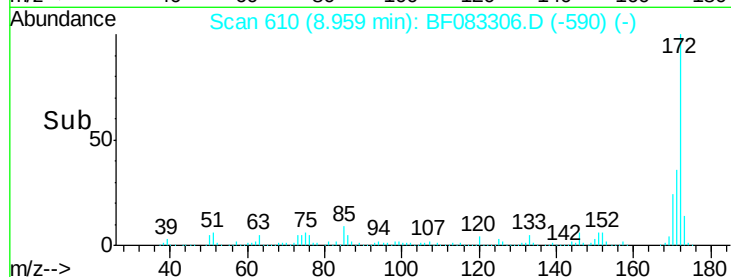
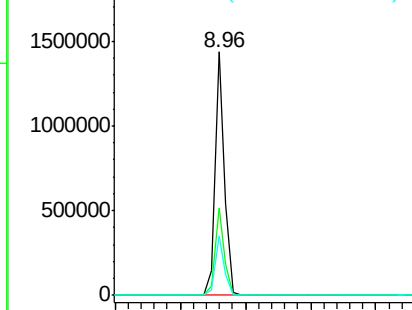
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1481496

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.5	19.9	29.9



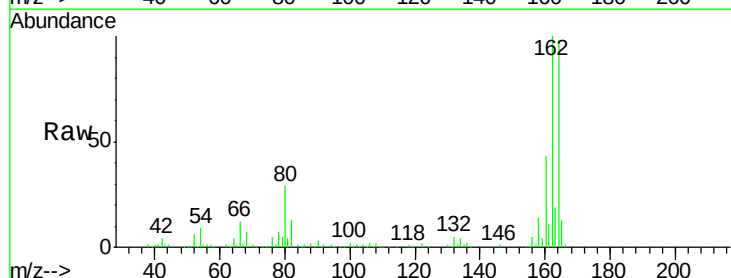
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



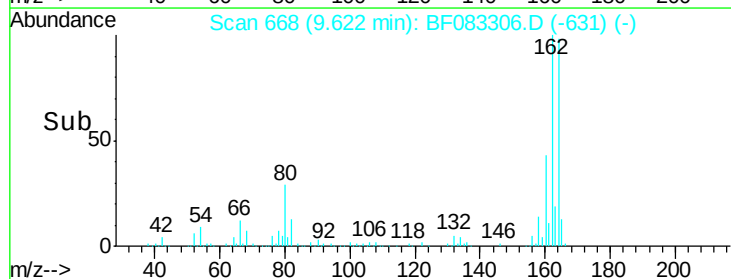
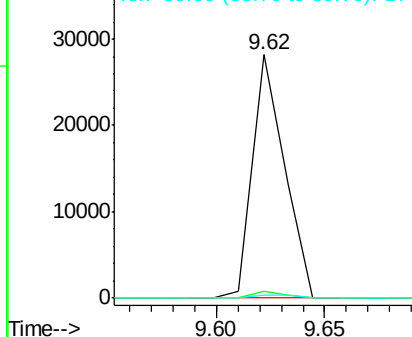
#50
 2,6-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

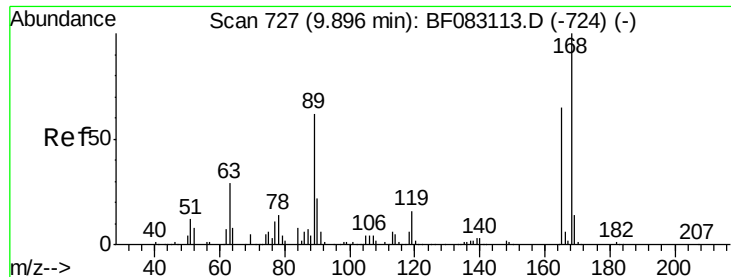
Tgt Ion:165 Resp: 28786

Ion	Ratio	Lower	Upper
165	100		
63	2.5	62.5	93.7#
89	1.2	59.1	88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.83 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.27 min

Lab File: BF083306.D

Acq: 26 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 28786

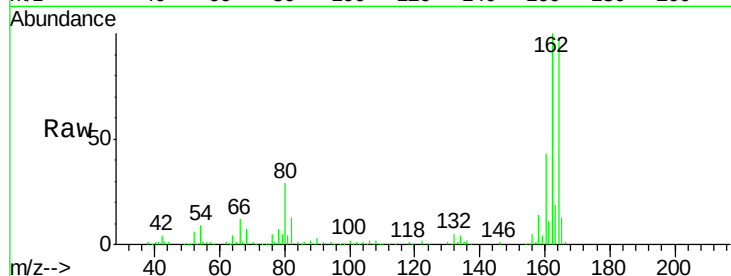
Ion Ratio Lower Upper

165 100

63 2.5 54.5 81.7#

89 1.2 77.3 115.9#

182 0.0 1.8 2.6#

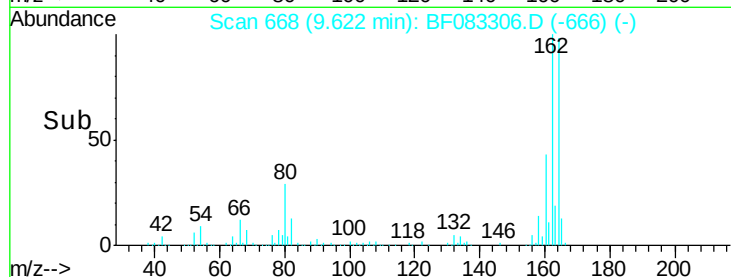


Abundance Ion 165.00 (164.70 to 165.70): E

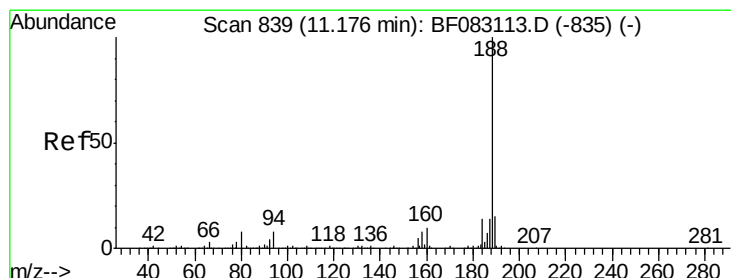
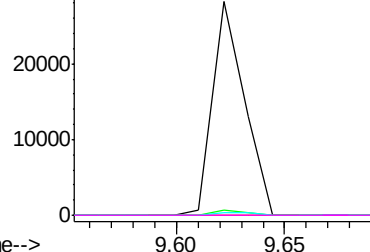
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#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

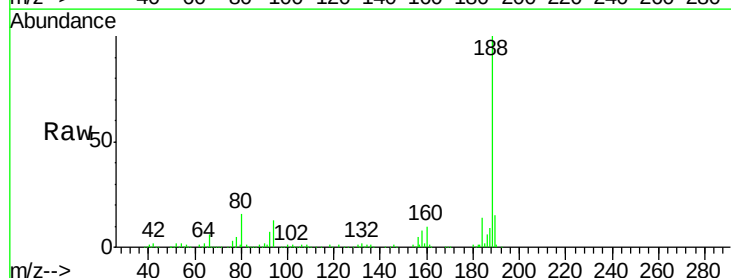
Tgt Ion:188 Resp: 389513

Ion Ratio Lower Upper

188 100

94 13.4 6.0 9.0#

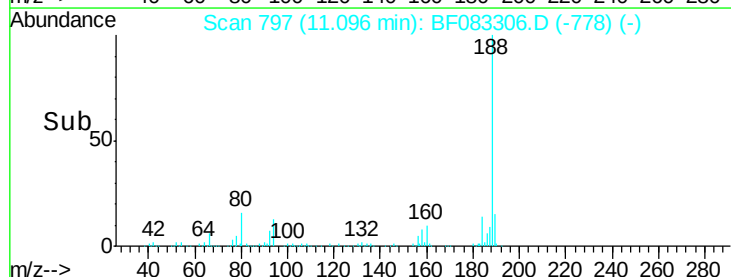
80 15.6 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

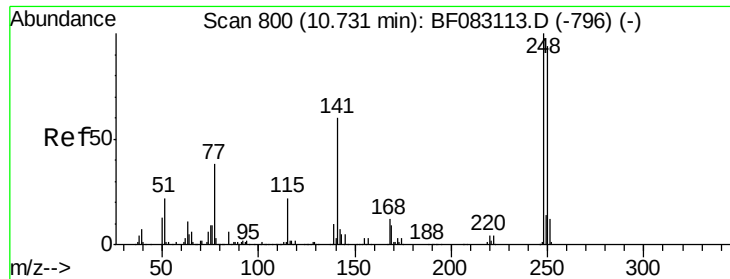
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

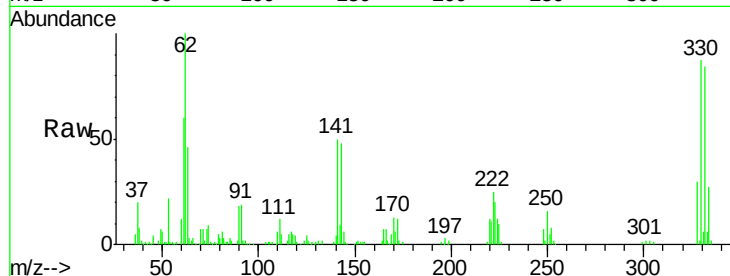




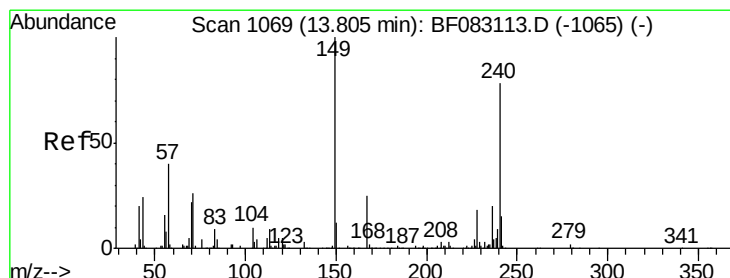
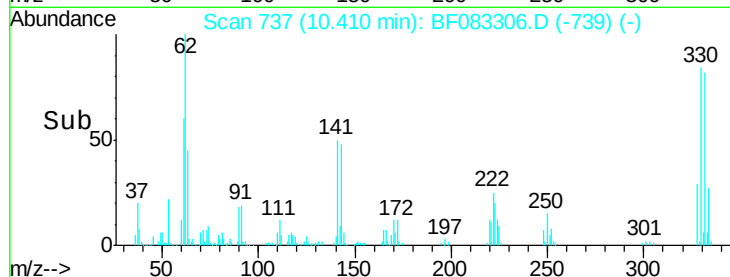
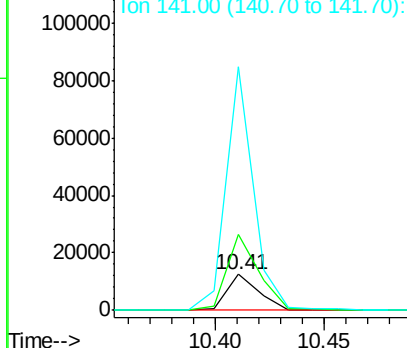
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083306.D
Acq: 26 Nov 2015 8:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12711
Ion Ratio Lower Upper
248 100
250 211.5 75.4 113.2#
141 680.2 48.1 72.1#

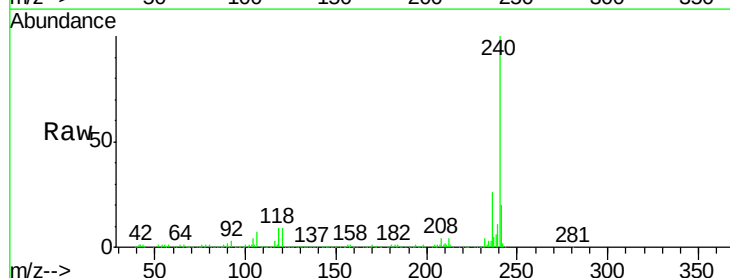


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

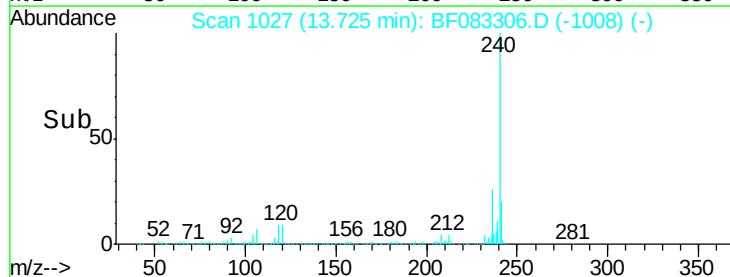
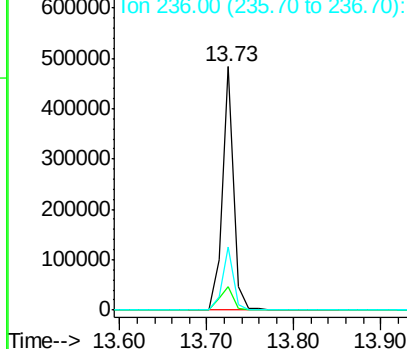


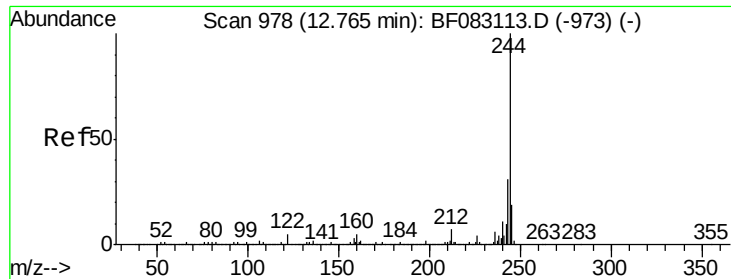
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083306.D
Acq: 26 Nov 2015 8:38

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

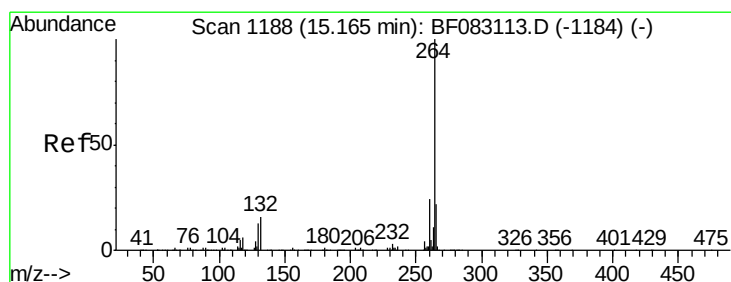
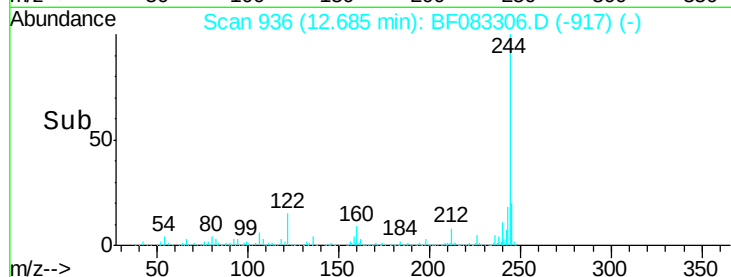
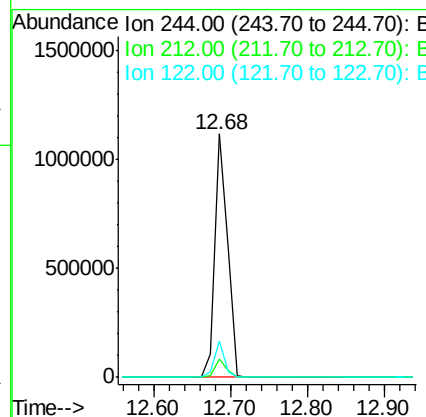
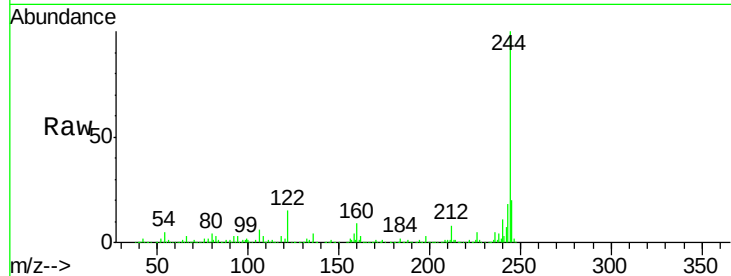




#78
 Terphenyl-d14
 Concen: 67.37 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083306.D
 Acq: 26 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampled :

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#



#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

