

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083307.D
 Acq On : 26 Nov 2015 9:07
 Operator : UM/IZ
 Sample : G4553-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:41:17 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

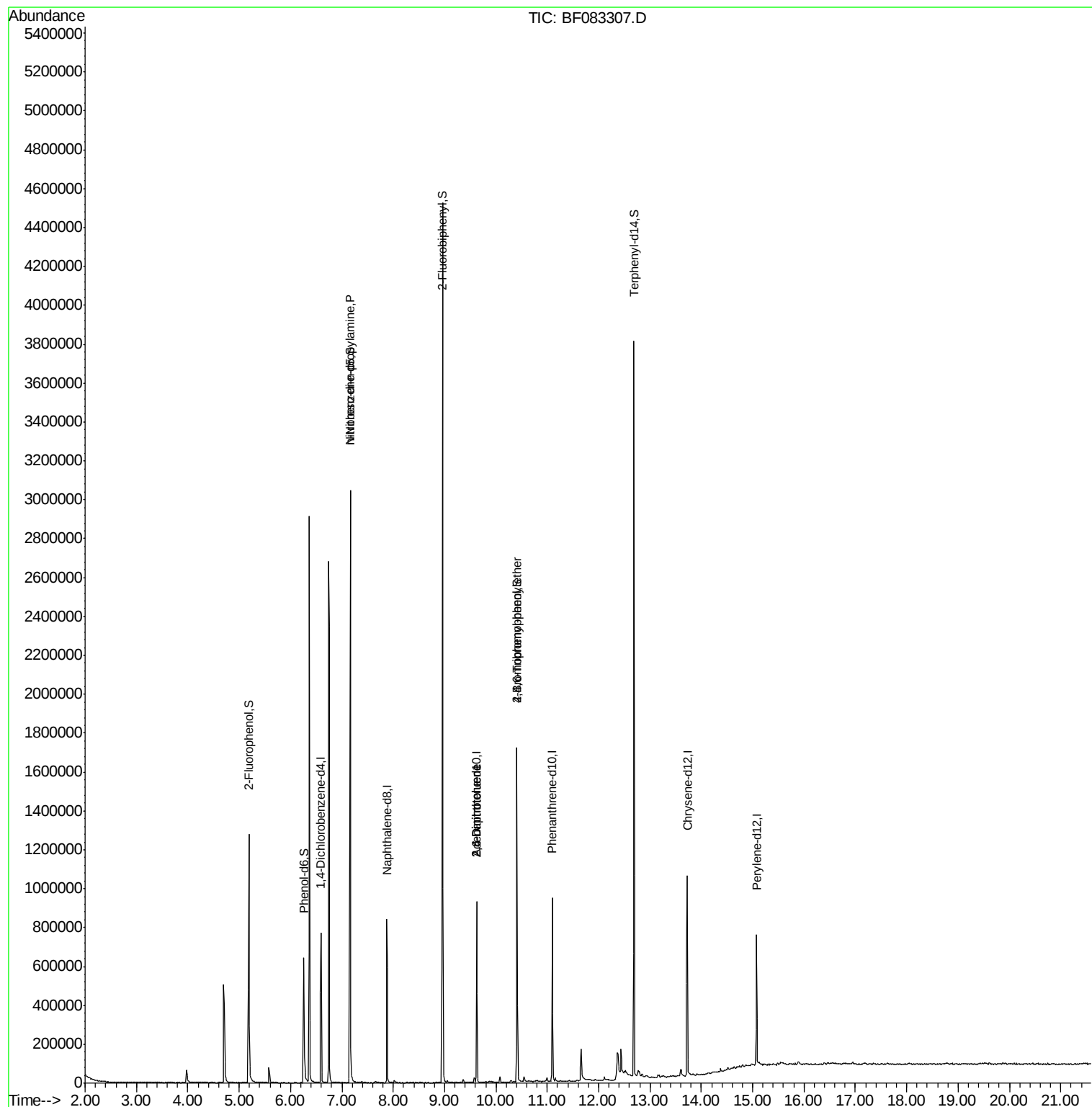
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	141758	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	483147	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	202918	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	361779	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	404600	20.00	ng	-0.08
86) Perylene-d12	15.07	264	287746	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	417150	44.49	ng	-0.09
7) Phenol-d6	6.26	99	341947	28.19	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1096009	103.66	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	176149	84.85	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1376305	94.58	ng	-0.07
78) Terphenyl-d14	12.68	244	1211124	70.49	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	150938	17.88	ng	# 75
50) 2,6-Dinitrotoluene	9.62	165	26059	7.43	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	26060	5.87	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	11787	2.94	ng	# 1

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

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BNA_F
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Quant Time: Nov 26 12:41:17 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: BF083307.D

Acq: 26 Nov 2015 9:07

Instrument :

BNA_F

ClientSampleId :

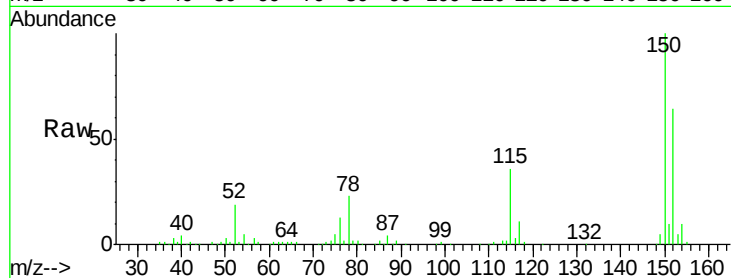
Tot Ion:152 Resp: 141758

Ion Ratio Lower Upper

152 100

150 157.1 125.8 188.8

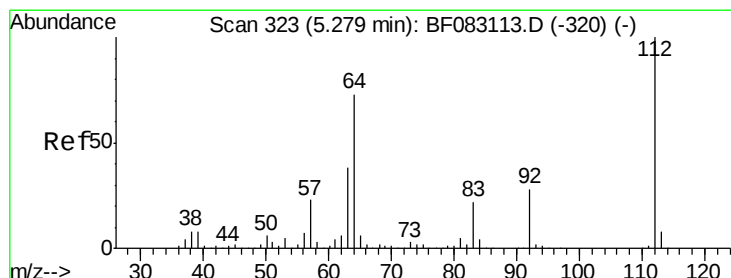
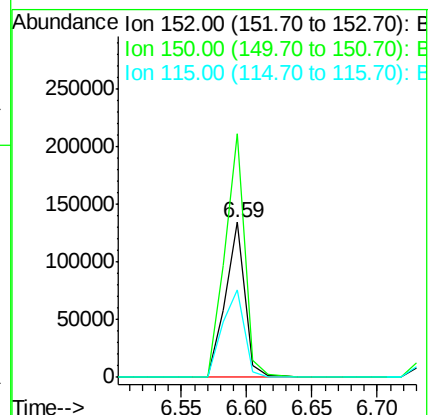
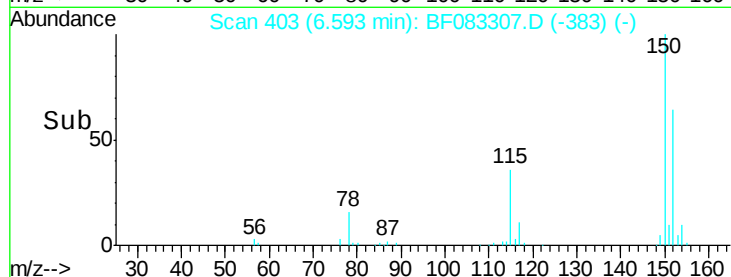
115 56.6 46.9 70.3



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: 44.49 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083307.D

Acq: 26 Nov 2015 9:07

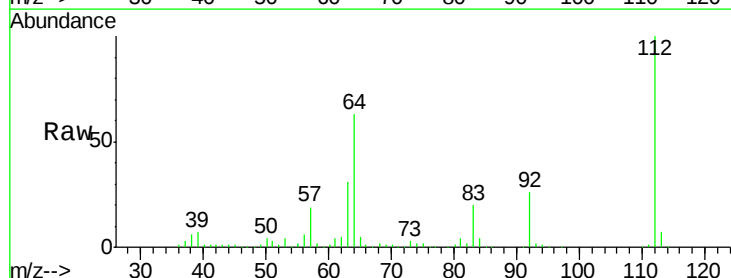
Tgt Ion:112 Resp: 417150

Ion Ratio Lower Upper

112 100

64 63.3 58.4 87.6

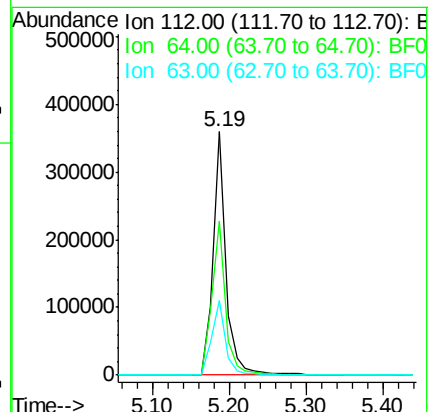
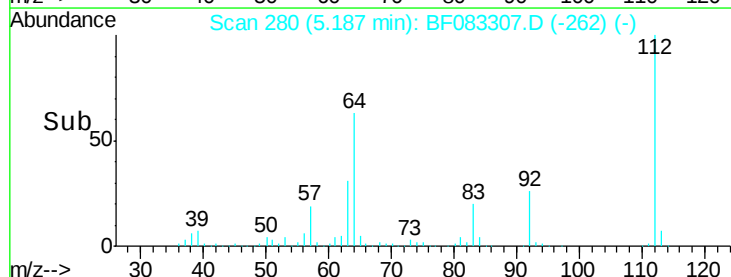
63 30.9 30.0 45.0

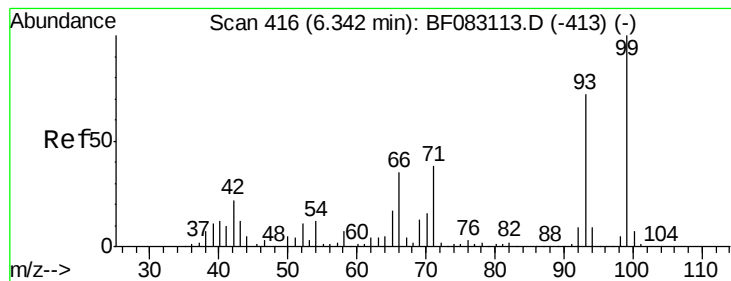


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.19 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083307.D

Acq: 26 Nov 2015 9:07

Instrument :

BNA_F

ClientSampleId :

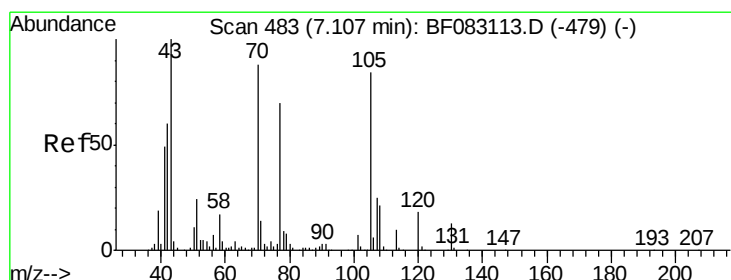
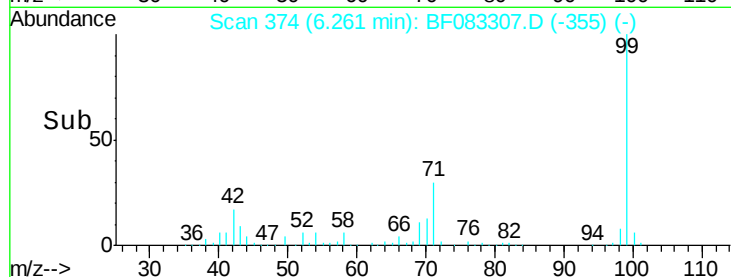
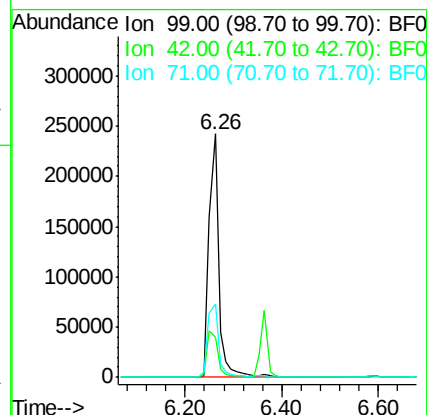
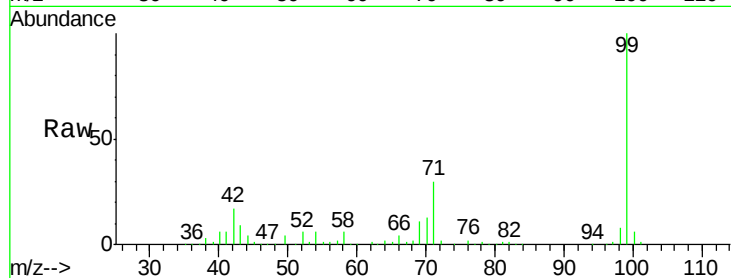
Tot Ion: 99 Resp: 341947

Ion Ratio Lower Upper

99 100

42 16.6 17.7 26.5#

71 30.0 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.88 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083307.D

Acq: 26 Nov 2015 9:07

Tgt Ion: 70 Resp: 150938

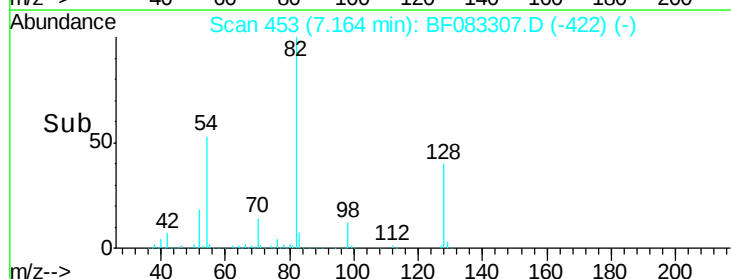
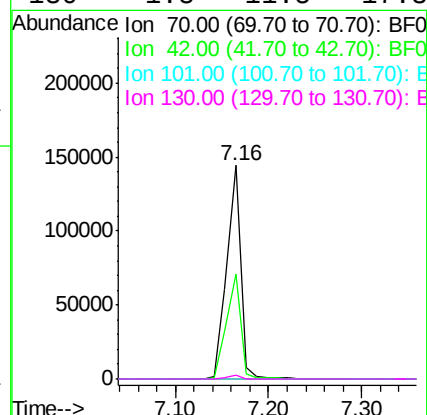
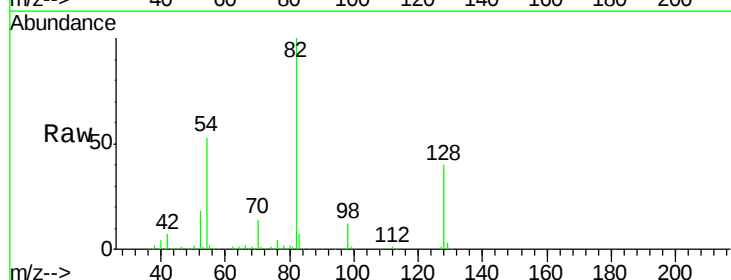
Ion Ratio Lower Upper

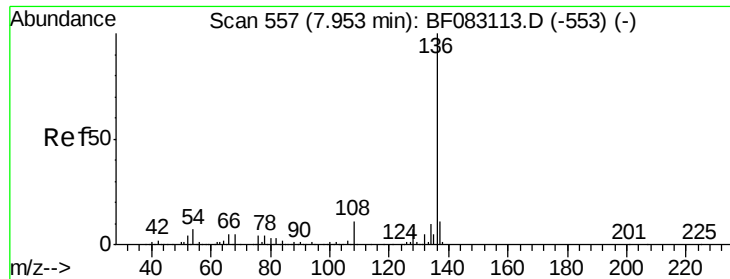
70 100

42 49.2 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

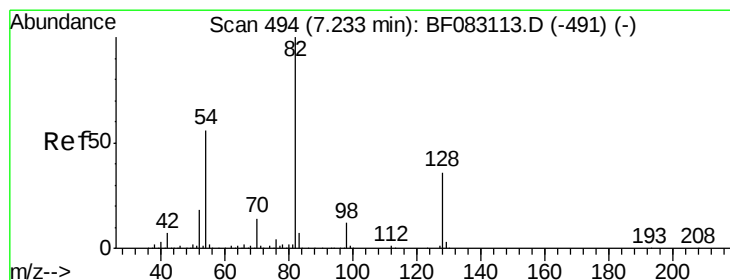
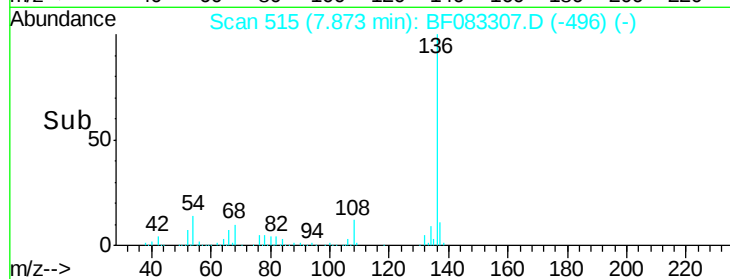
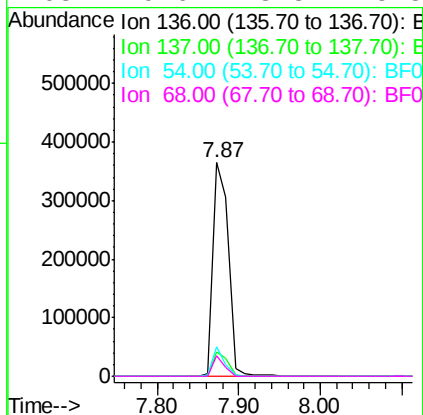
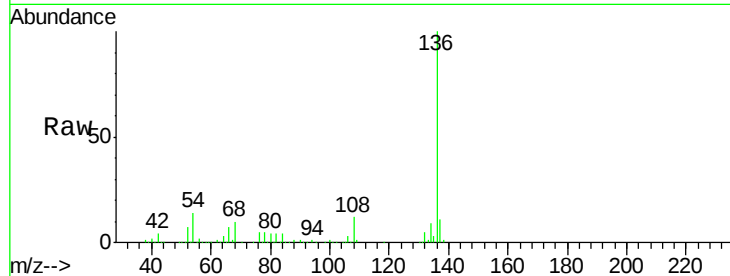




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083307.D
Acq: 26 Nov 2015 9:07

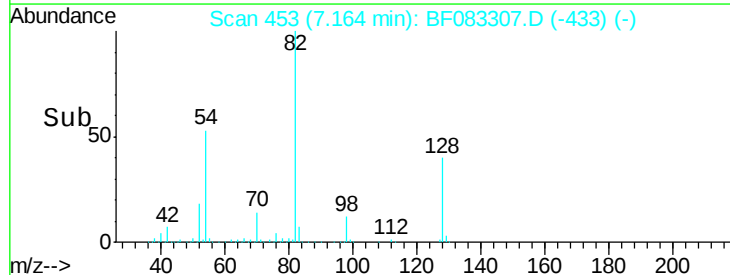
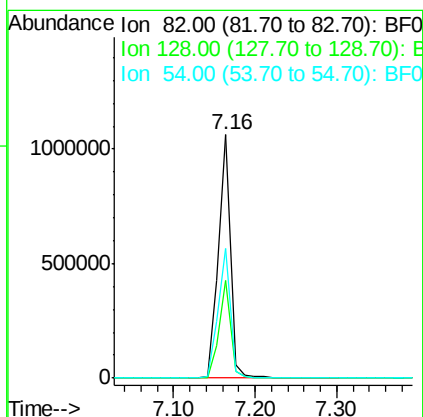
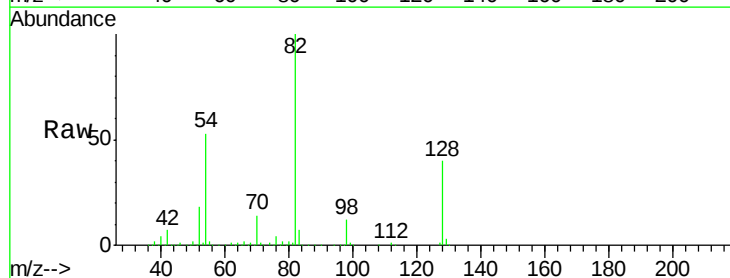
Instrument :
BNA_F
ClientSampled :

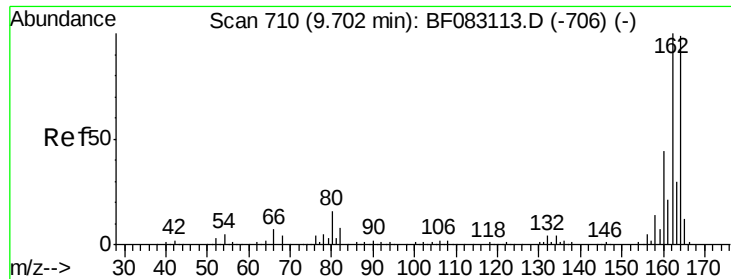
Tot Ion:136	Resp:	483147
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	13.9	5.8 8.6#
68	9.6	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 103.66 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083307.D
Acq: 26 Nov 2015 9:07

Tgt Ion: 82	Resp:	1096009
Ion Ratio	Lower	Upper
82	100	
128	40.2	28.5 42.7
54	53.2	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: BF083307.D

Acq: 26 Nov 2015 9:07

Instrument :

BNA_F

ClientSampled :

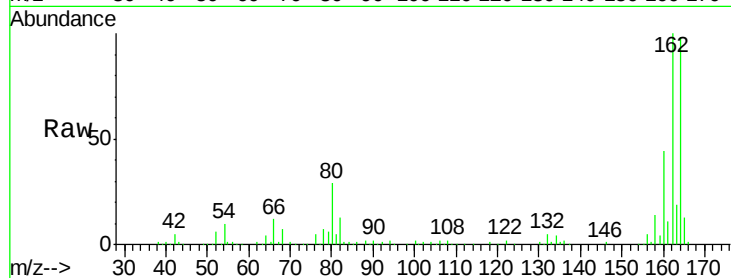
Tot Ion:164 Resp: 202918

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

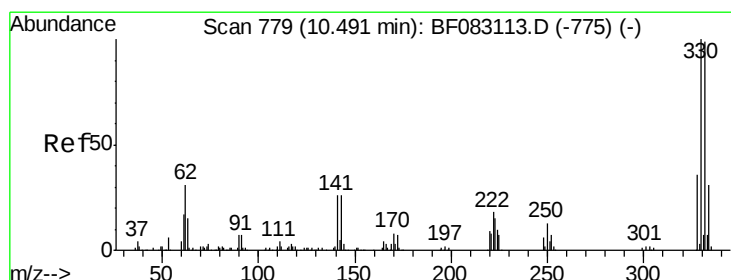
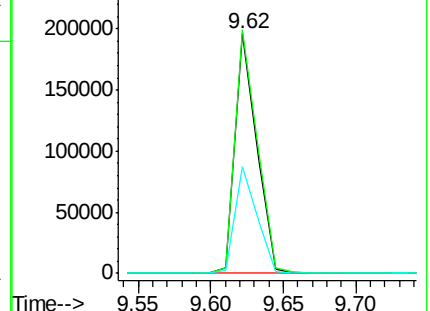
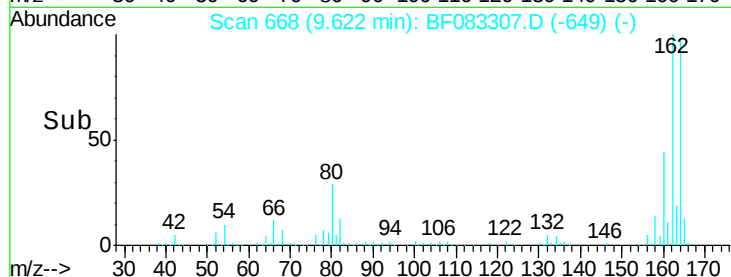
160 44.6 35.6 53.4



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: 84.85 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083307.D

Acq: 26 Nov 2015 9:07

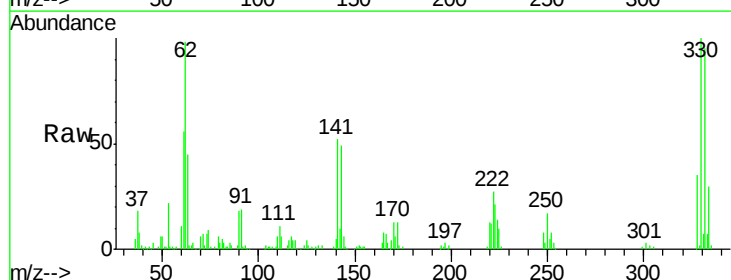
Tgt Ion:330 Resp: 176149

Ion Ratio Lower Upper

330 100

332 95.2 77.7 116.5

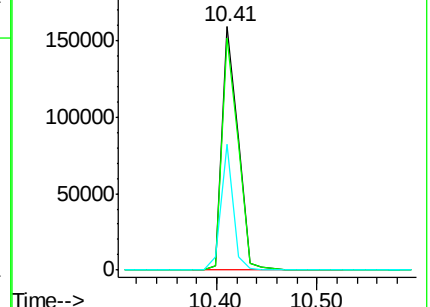
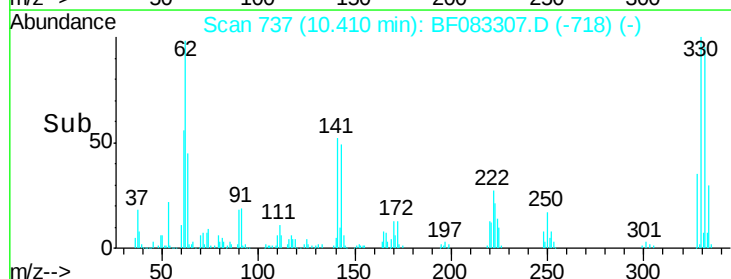
141 39.5 29.7 44.5

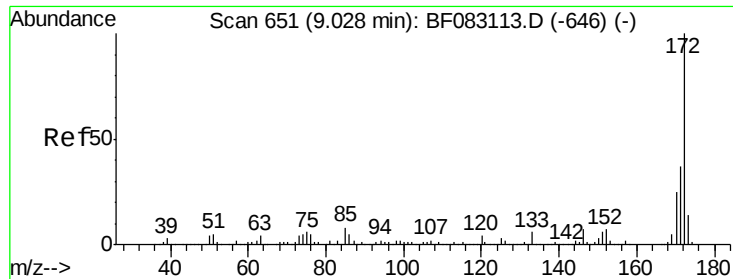


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

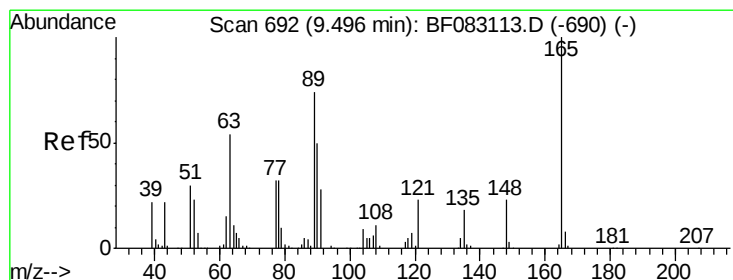
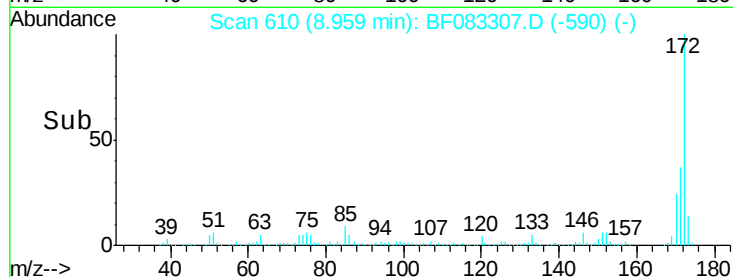
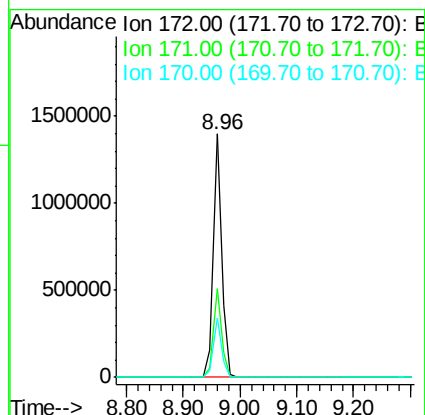
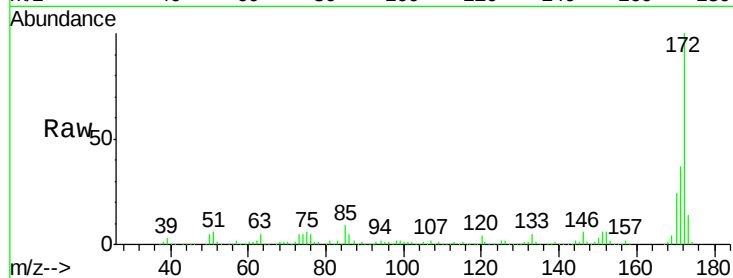




#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083307.D
 Acq: 26 Nov 2015 9:07

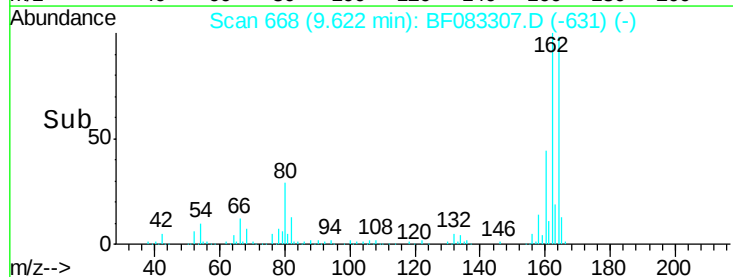
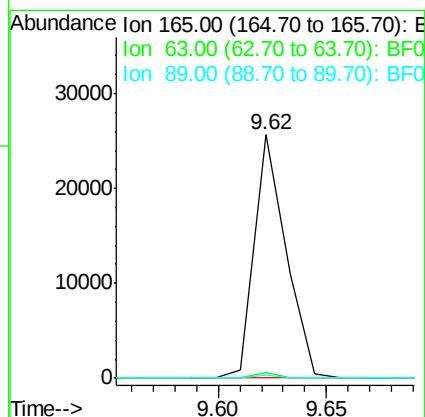
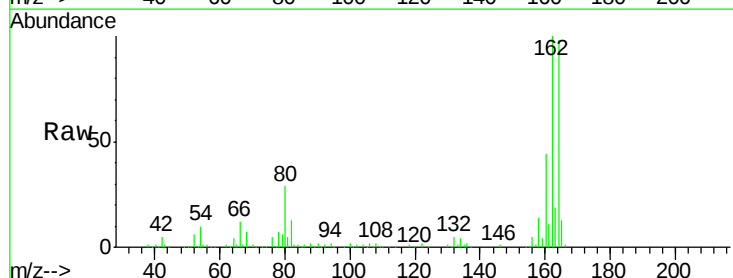
Instrument :
 BNA_F
 ClientSampleId :

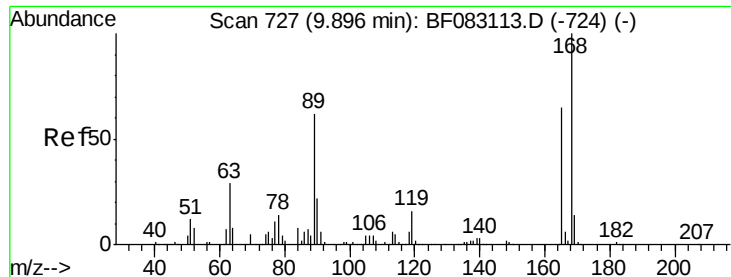
Tot Ion:172 Resp: 1376305
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.4 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083307.D
 Acq: 26 Nov 2015 9:07

Tgt Ion:165 Resp: 26059
 Ion Ratio Lower Upper
 165 100
 63 2.0 62.5 93.7#
 89 1.2 59.1 88.7#

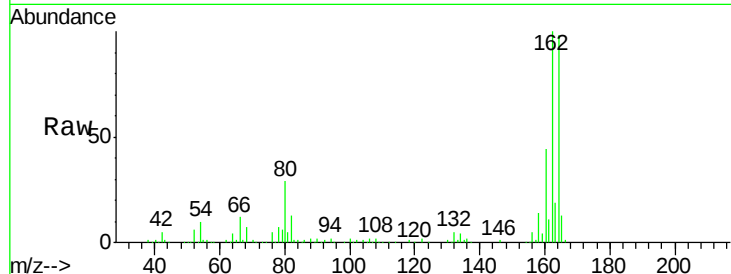




#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083307.D
Acq: 26 Nov 2015 9:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	26060
Ion Ratio	Lower	Upper	
165	100		
63	2.0	54.5	81.7#
89	1.2	77.3	115.9#
182	0.0	1.8	2.6#

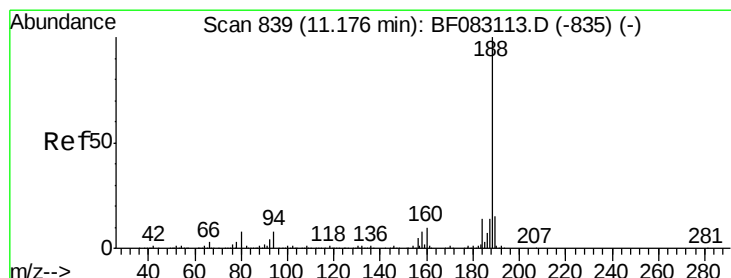
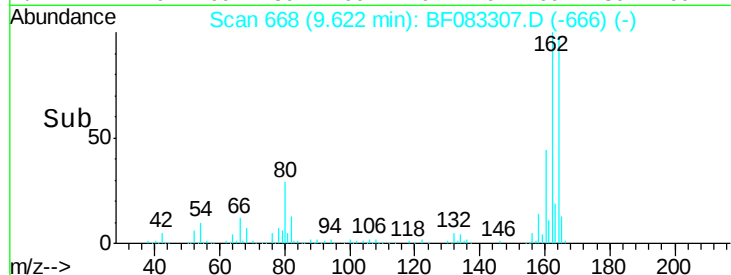
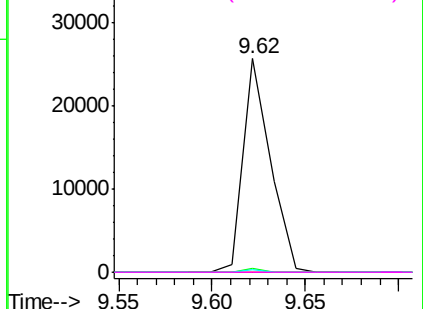


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

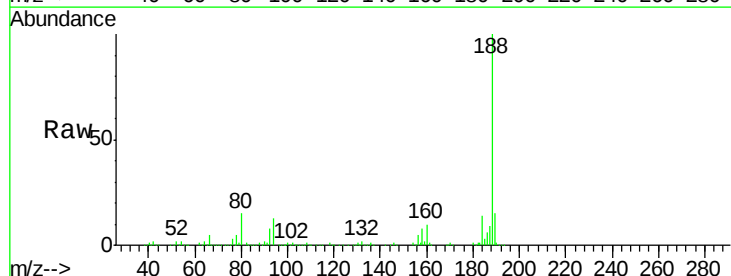
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083307.D
Acq: 26 Nov 2015 9:07

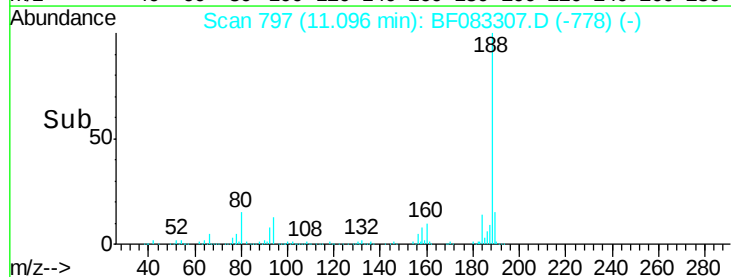
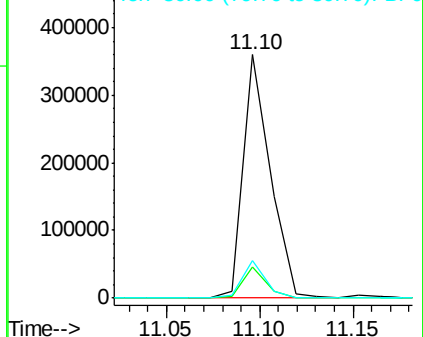
Tgt Ion:	188	Resp:	361779
Ion Ratio	Lower	Upper	
188	100		
94	12.7	6.0	9.0#
80	15.2	6.7	10.1#

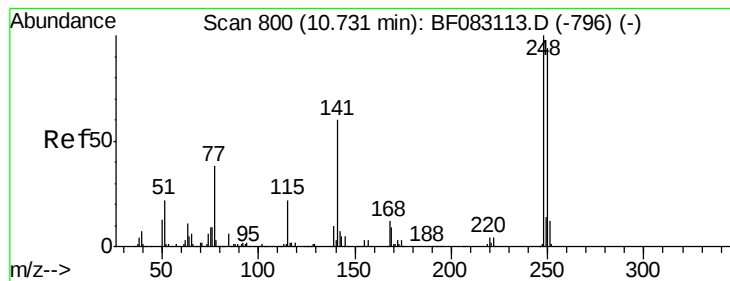


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.94 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083307.D

Acq: 26 Nov 2015 9:07

Instrument :

BNA_F

ClientSampled :

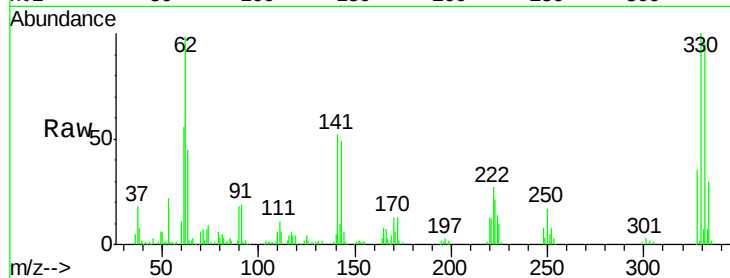
Tot Ion:248 Resp: 11787

Ion Ratio Lower Upper

248 100

250 199.0 75.4 113.2#

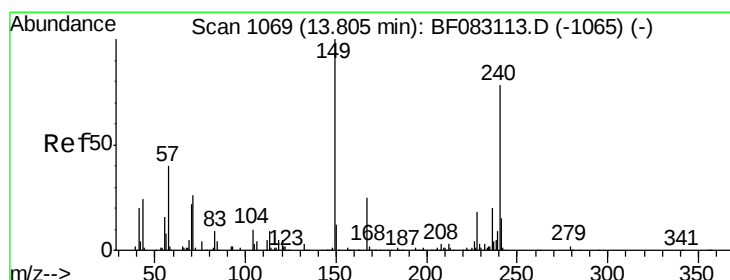
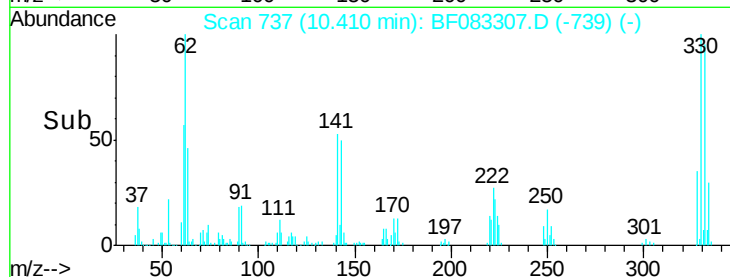
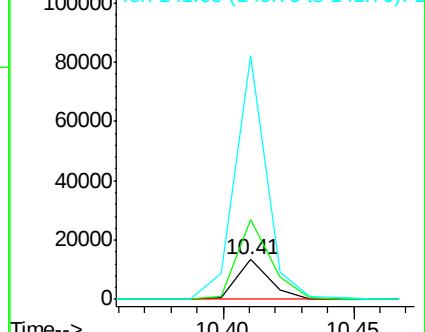
141 610.8 48.1 72.1#



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: BF083307.D

Acq: 26 Nov 2015 9:07

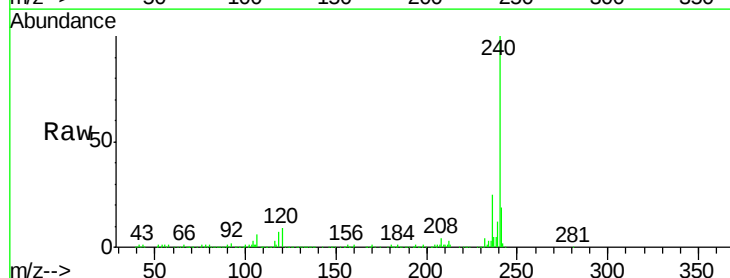
Tgt Ion:240 Resp: 404600

Ion Ratio Lower Upper

240 100

120 8.6 5.4 8.2#

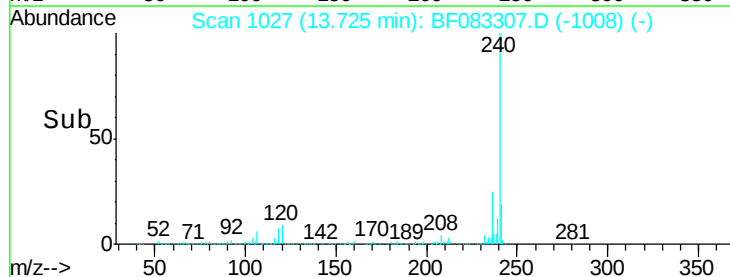
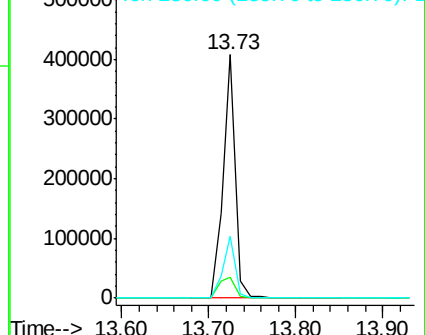
236 25.2 20.6 31.0

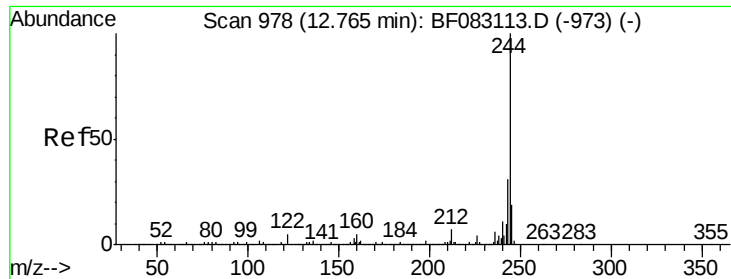


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

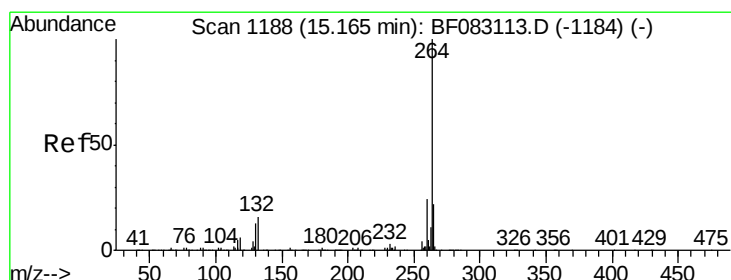
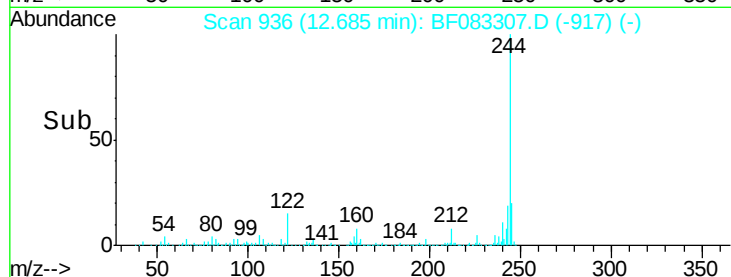
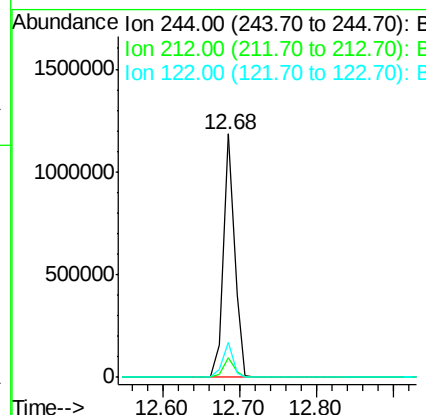
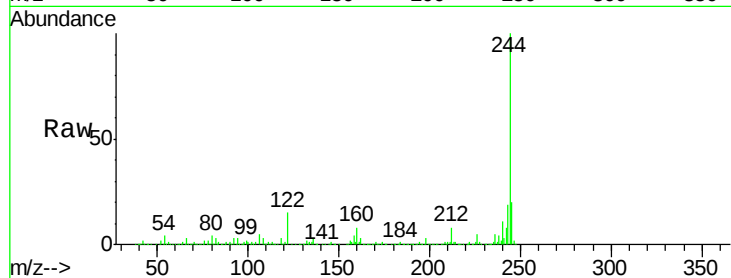




#78
 Terphenyl-d14
 Concen: 70.49 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083307.D
 Acq: 26 Nov 2015 9:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1211124
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 14.6 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: BF083307.D
 Acq: 26 Nov 2015 9:07

Tgt Ion:264 Resp: 287746
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 20.8 18.2 27.4

