

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083312.D
 Acq On : 26 Nov 2015 11:33
 Operator : UM/IZ
 Sample : G4534-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:42:10 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

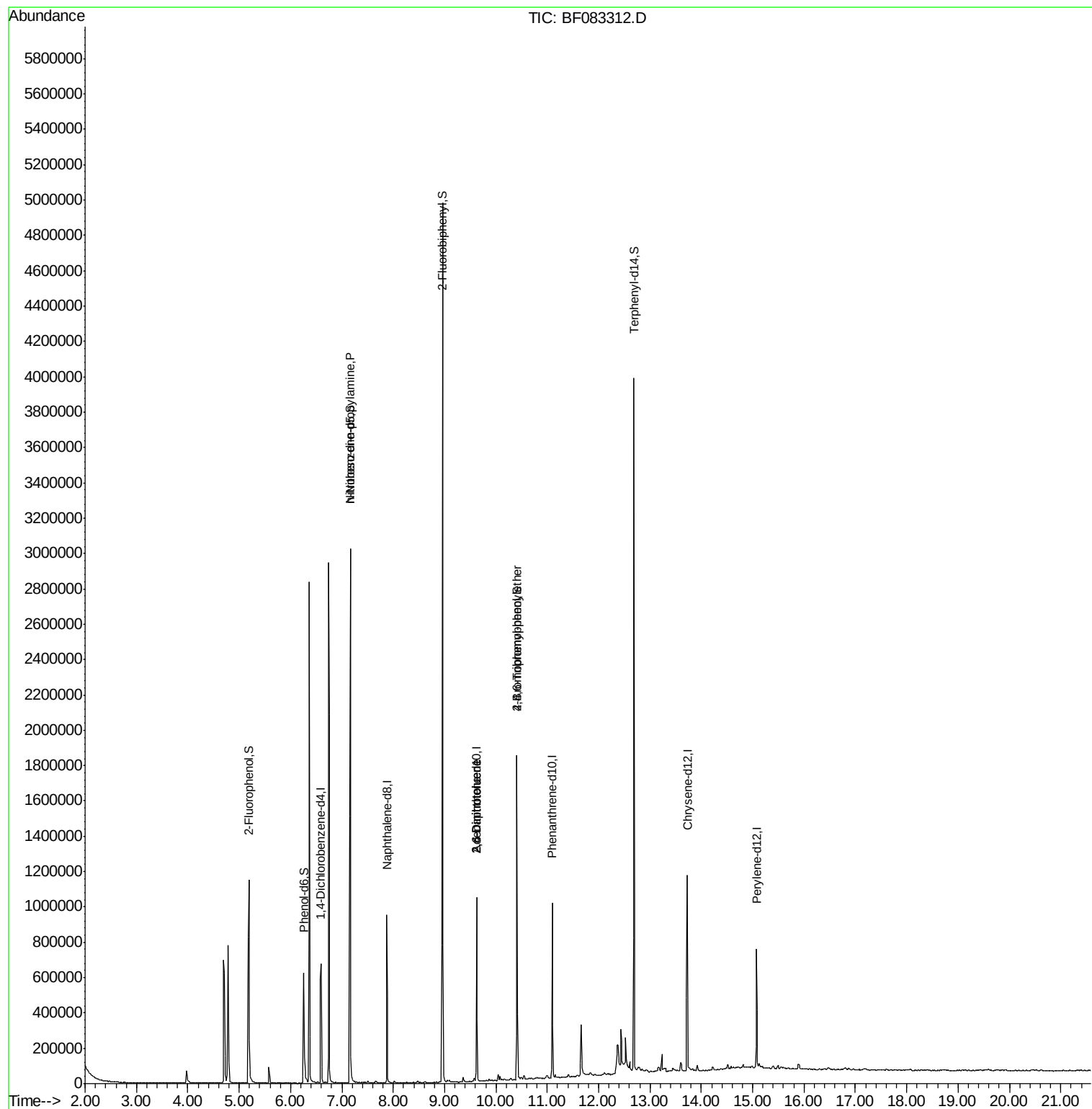
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	142091	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	486250	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	207356	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	364131	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	403780	20.00	ng	-0.08
86) Perylene-d12	15.07	264	294914	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	448878	47.76	ng	-0.09
7) Phenol-d6	6.26	99	362111	29.78	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1167882	109.75	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	183411	86.46	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1470597	98.90	ng	-0.07
78) Terphenyl-d14	12.68	244	1240566	72.35	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.25	77	708	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	159243	18.82	ng	# 76
50) 2,6-Dinitrotoluene	9.62	165	27519	7.68	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	27514	6.06	ng	# 11
66) 4-Bromophenyl-phenylether	10.41	248	13095	3.24	ng	# 1

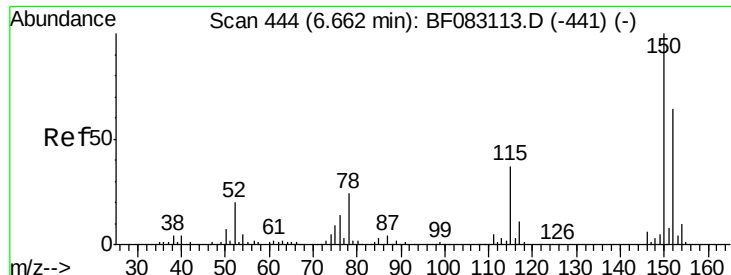
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 12:42:10 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: BF083312.D

Acq: 26 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

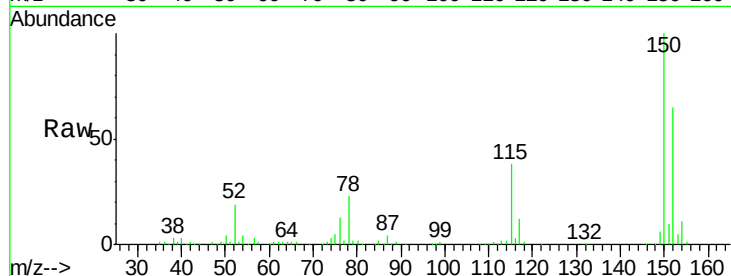
Tot Ion:152 Resp: 142091

Ion Ratio Lower Upper

152 100

150 153.0 125.8 188.8

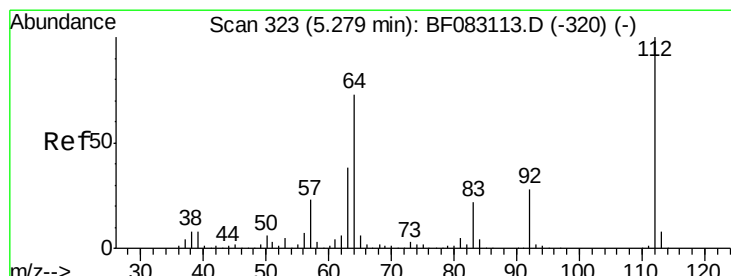
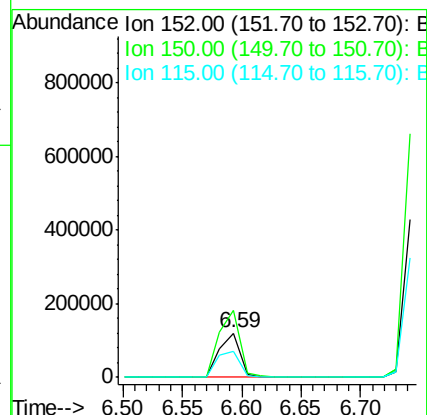
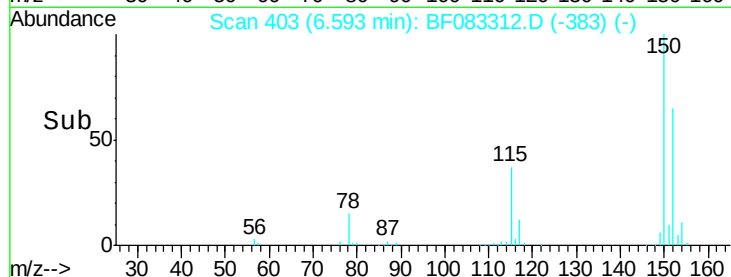
115 57.7 46.9 70.3



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: 47.76 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

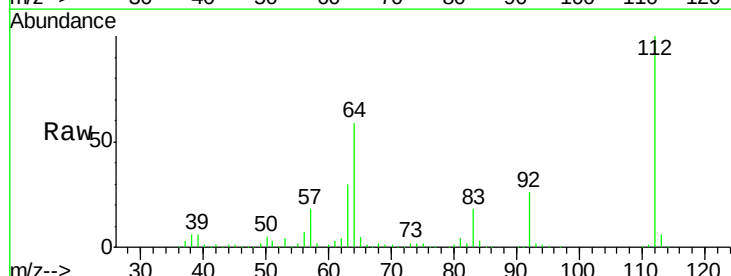
Tgt Ion:112 Resp: 448878

Ion Ratio Lower Upper

112 100

64 59.4 58.4 87.6

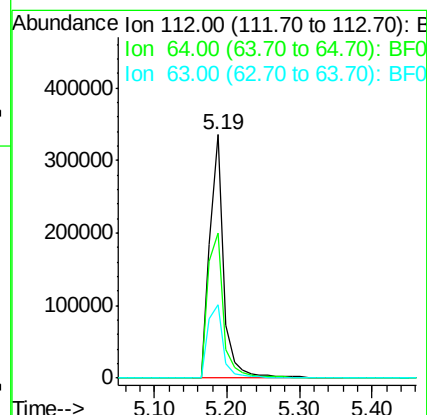
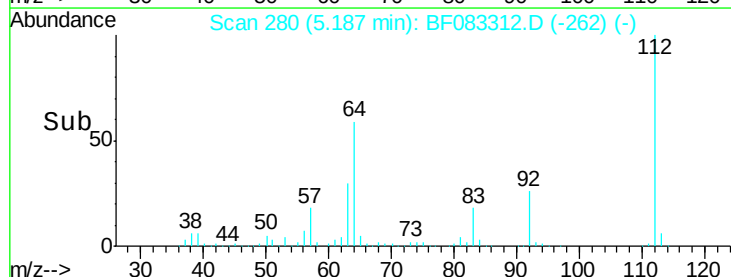
63 30.2 30.0 45.0

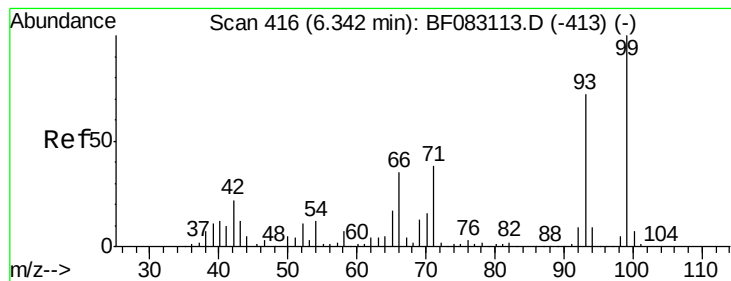


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.78 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

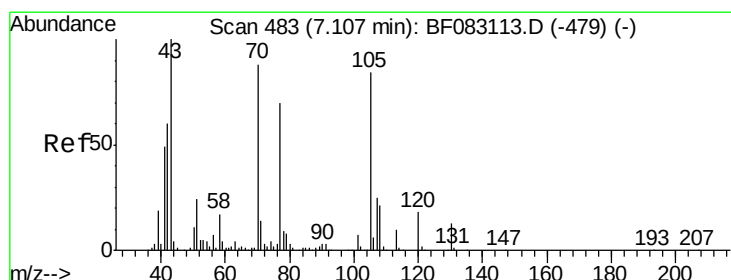
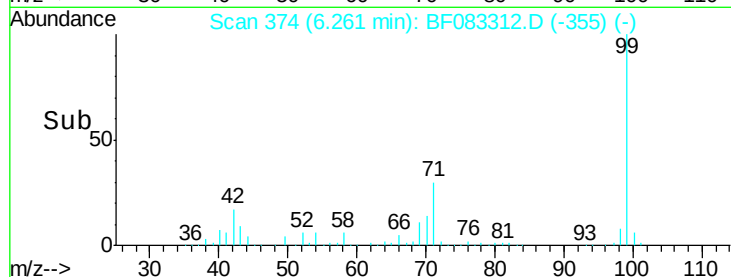
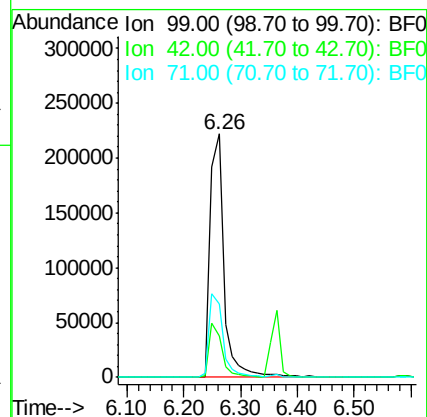
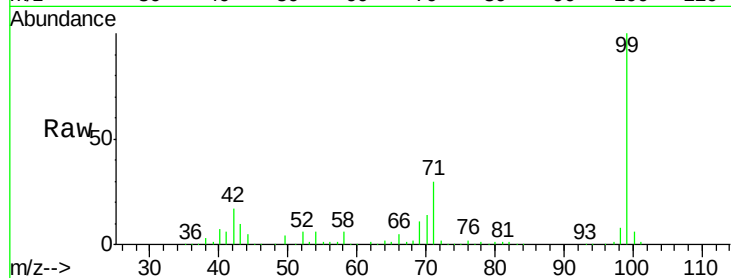
Tot Ion: 99 Resp: 362111

Ion Ratio Lower Upper

99 100

42 17.1 17.7 26.5#

71 30.2 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 18.82 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

Tgt Ion: 70 Resp: 159243

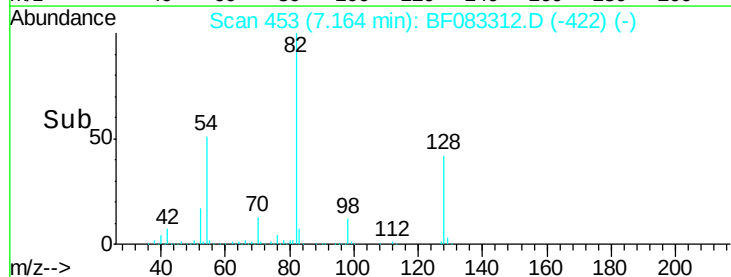
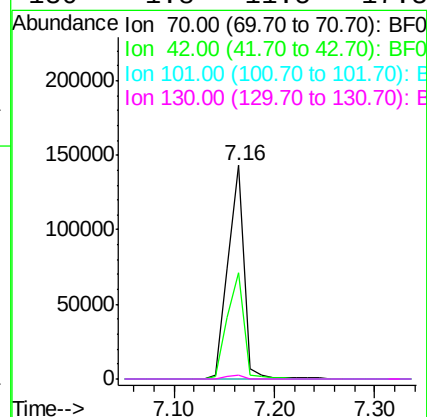
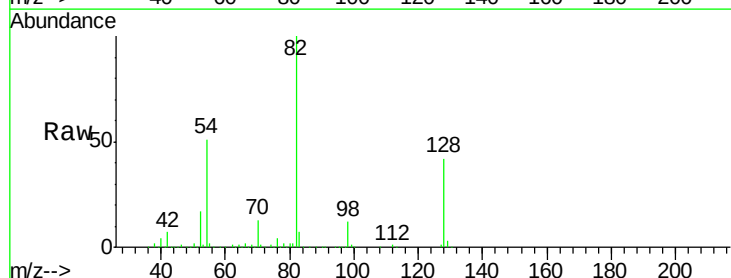
Ion Ratio Lower Upper

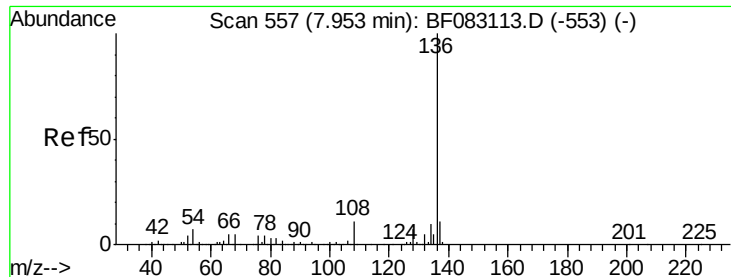
70 100

42 49.6 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

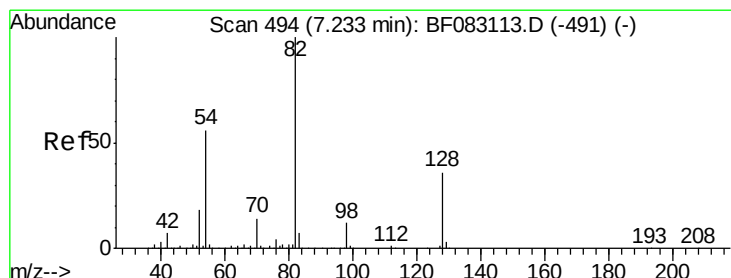
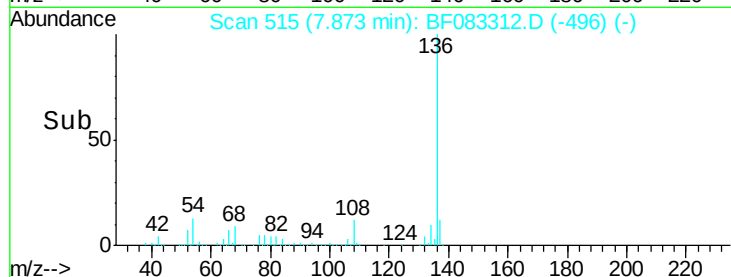
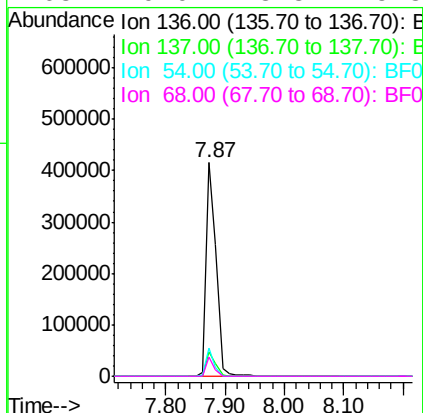
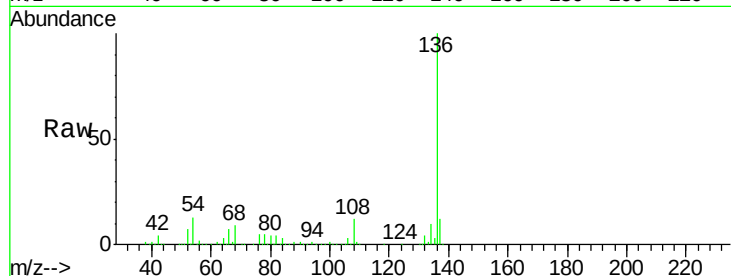




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

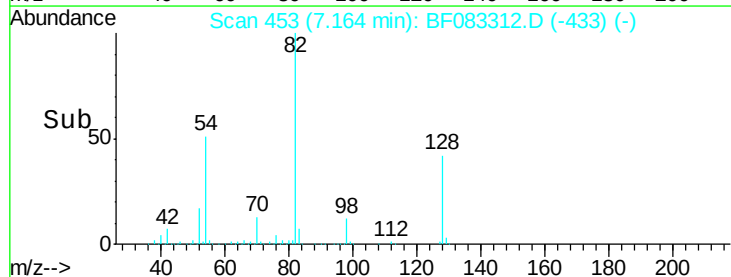
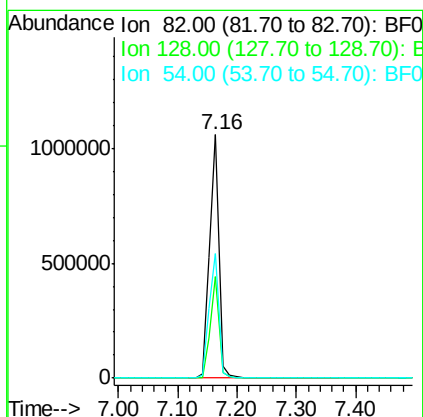
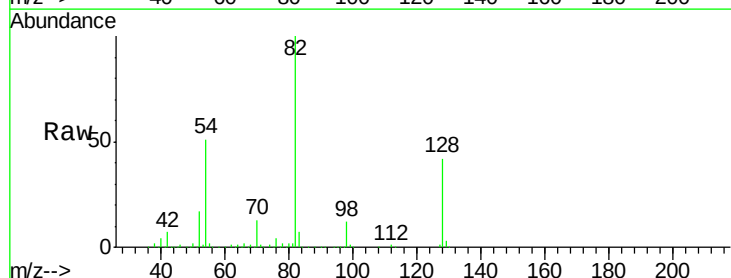
Instrument :
BNA_F
ClientSampleId :

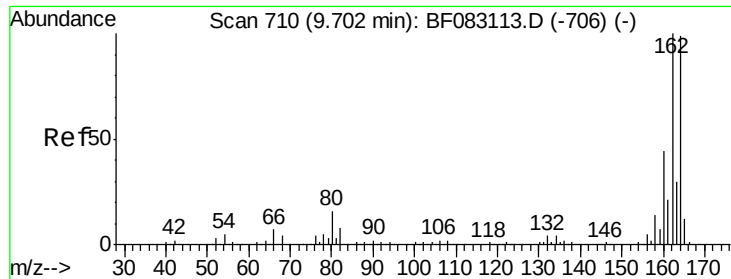
Tot Ion:136	Resp:	486250
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.7 13.1
54	13.5	5.8 8.6#
68	9.0	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 109.75 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Tgt Ion: 82	Resp:	1167882
Ion	Ratio	Lower Upper
82	100	
128	41.9	28.5 42.7
54	51.2	44.6 67.0

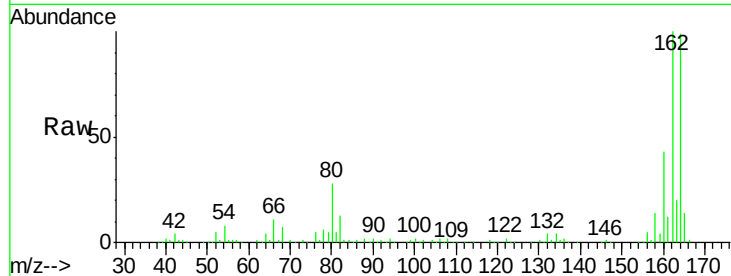




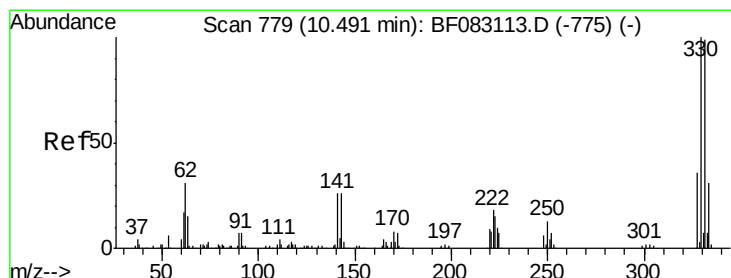
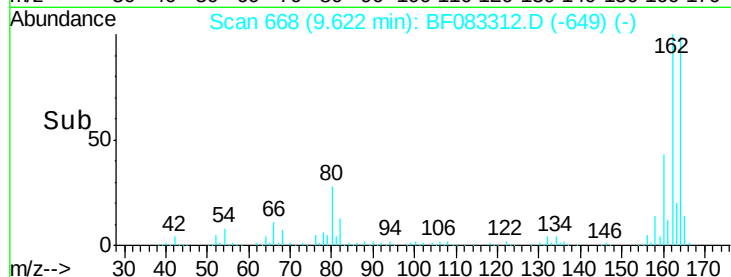
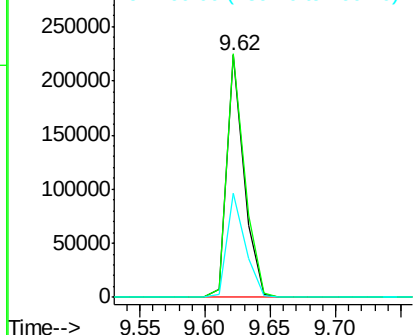
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 207356
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 42.7 35.6 53.4

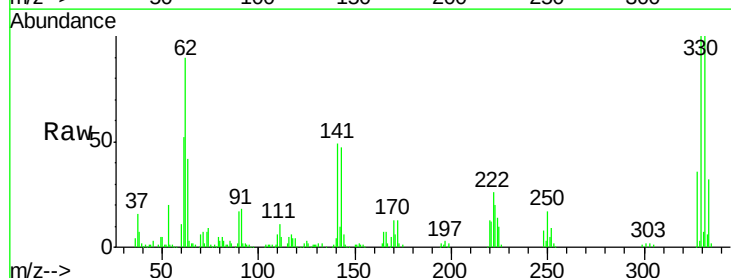


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

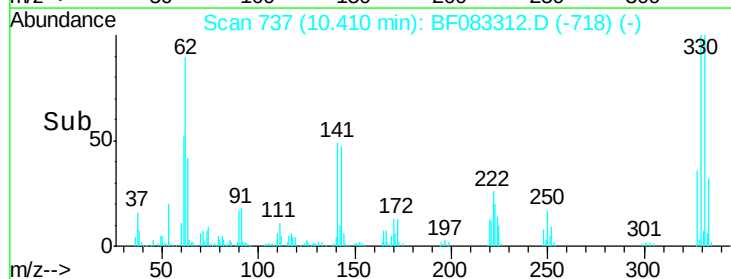
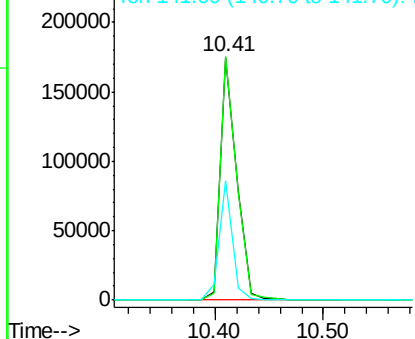


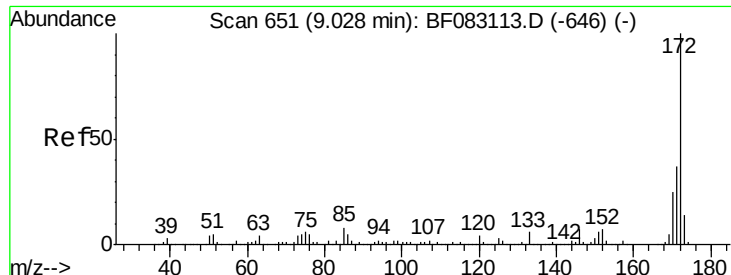
#41
2,4,6-Tribromophenol
Concen: 86.46 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Tgt Ion:330 Resp: 183411
Ion Ratio Lower Upper
330 100
332 99.6 77.7 116.5
141 40.4 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



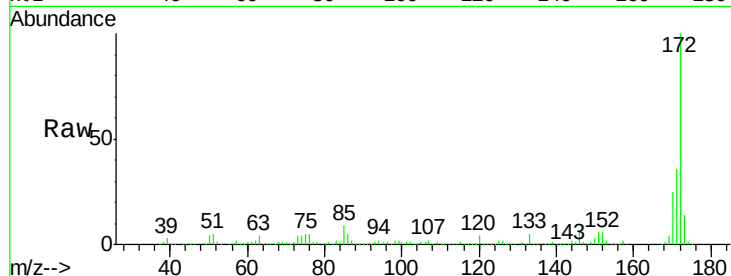


#44
 2-Fluorobiphenyl
 Concen: 98.90 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

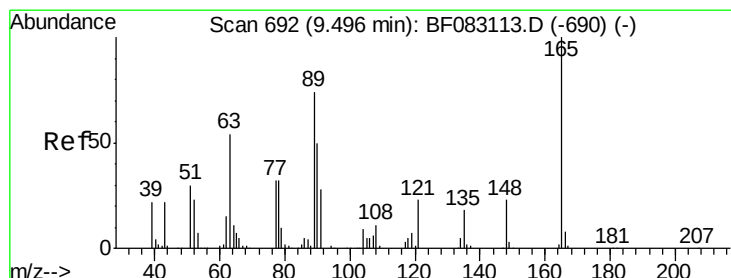
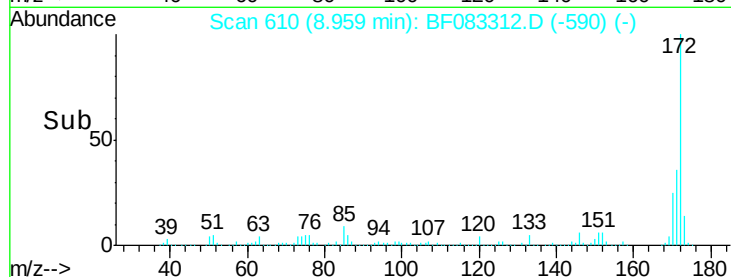
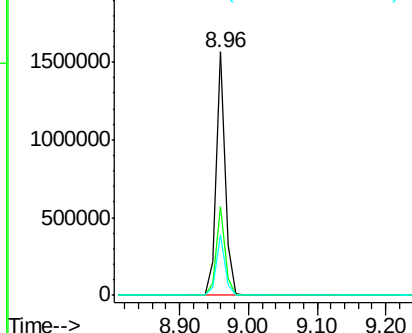
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1470597

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.7	19.9	29.9



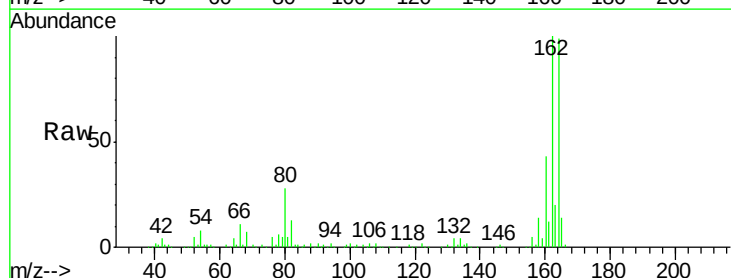
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



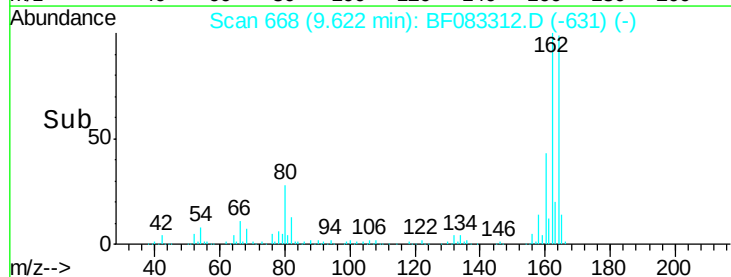
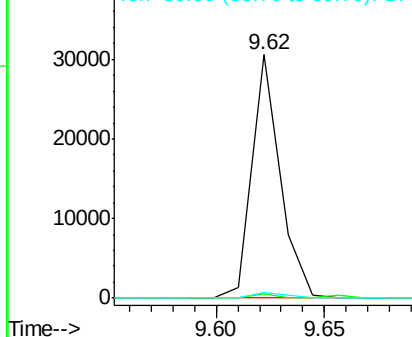
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

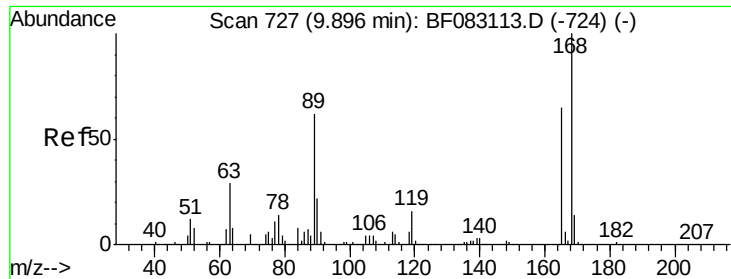
Tgt Ion:165 Resp: 27519

Ion	Ratio	Lower	Upper
165	100		
63	1.9	62.5	93.7#
89	2.5	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

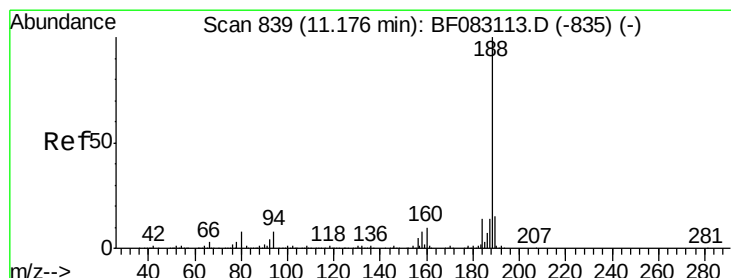
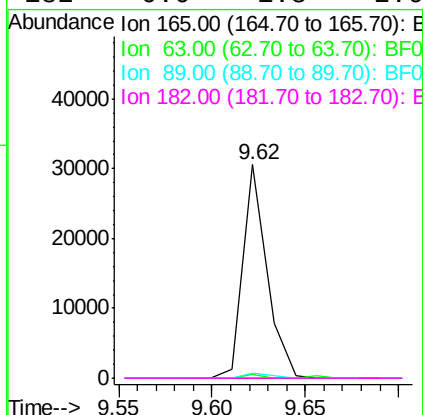
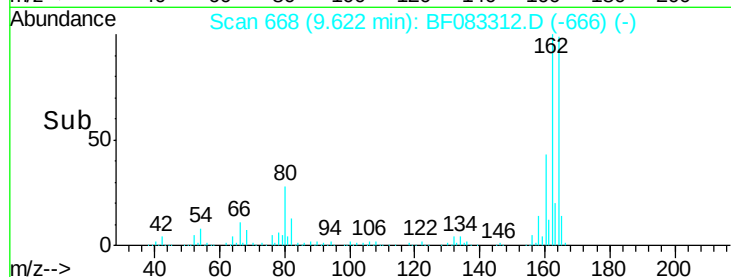
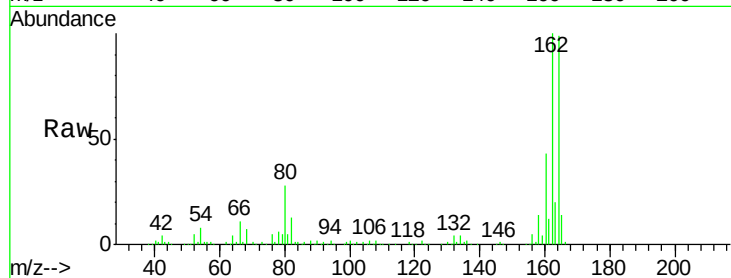




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

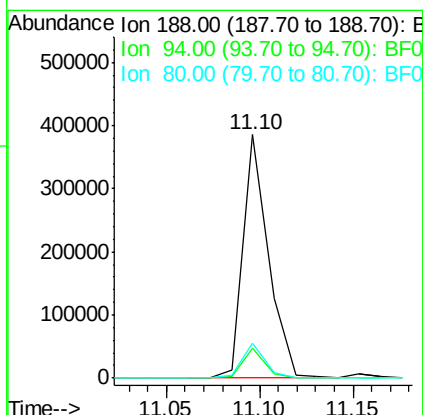
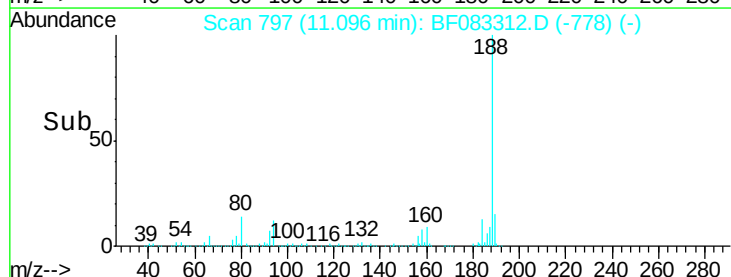
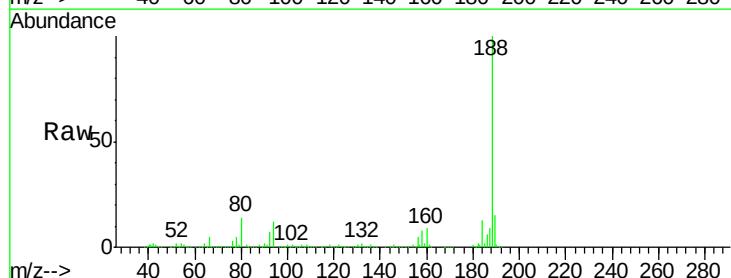
Instrument :
 BNA_F
 ClientSampleId :

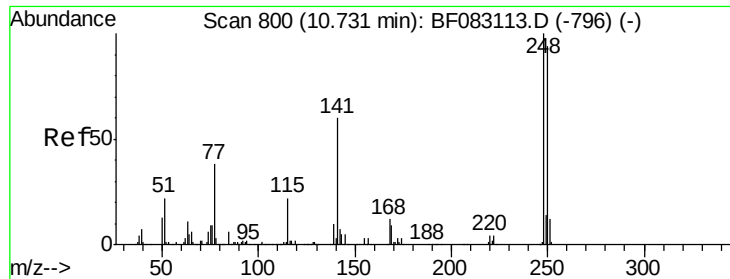
Tot Ion:165 Resp: 27514
 Ion Ratio Lower Upper
 165 100
 63 1.9 54.5 81.7#
 89 2.5 77.3 115.9#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

Tgt Ion:188 Resp: 364131
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.0 9.0#
 80 14.3 6.7 10.1#

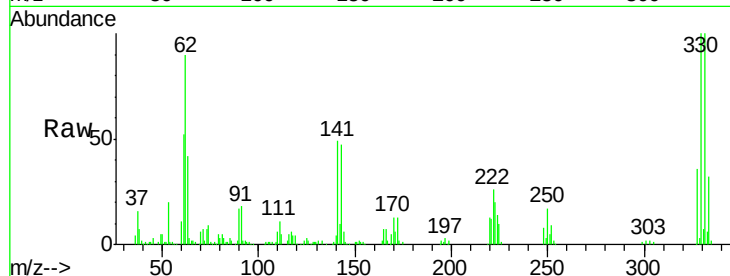




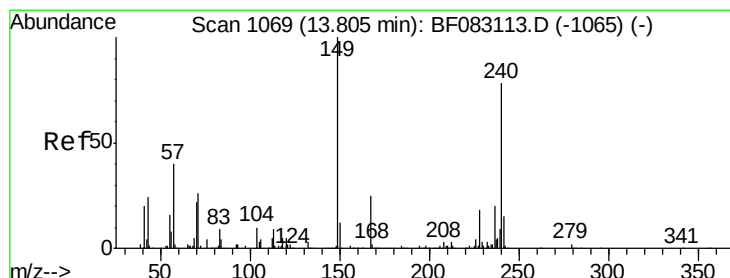
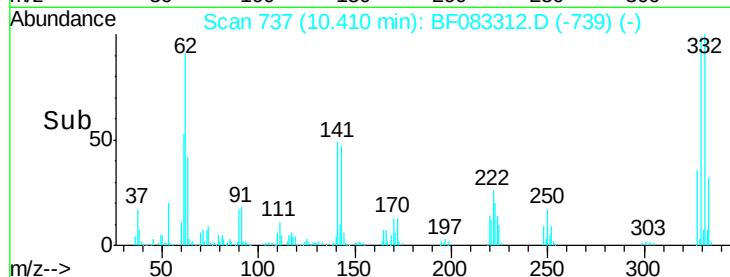
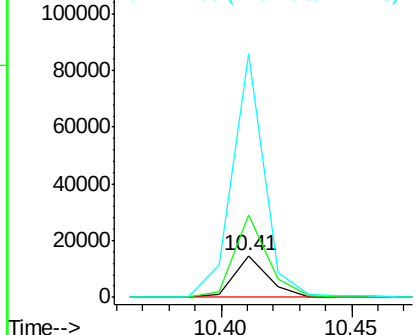
#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13095
 Ion Ratio Lower Upper
 248 100
 250 198.6 75.4 113.2#
 141 589.0 48.1 72.1#

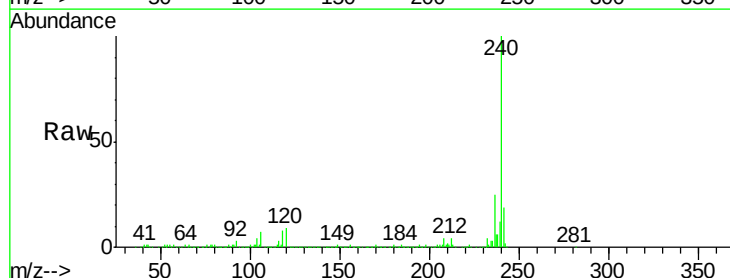


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

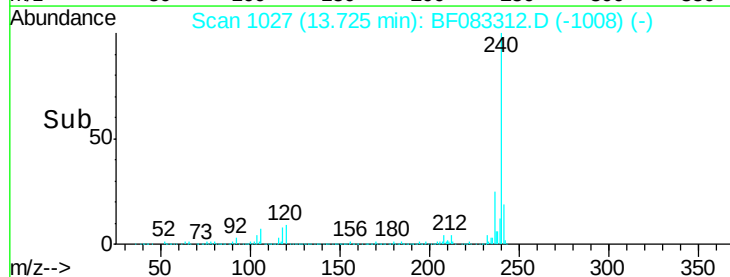
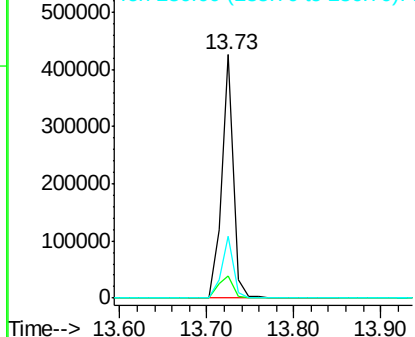


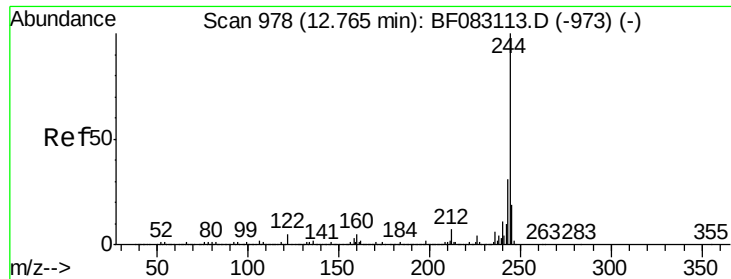
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

Tgt Ion:240 Resp: 403780
 Ion Ratio Lower Upper
 240 100
 120 9.3 5.4 8.2#
 236 25.4 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

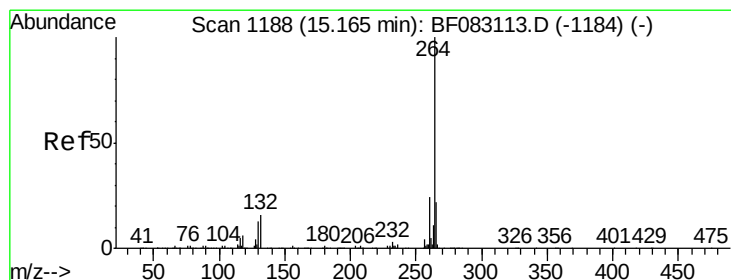
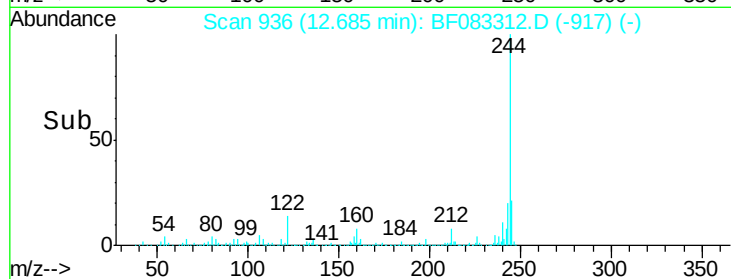
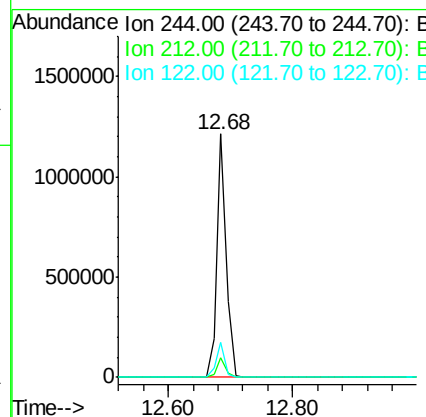
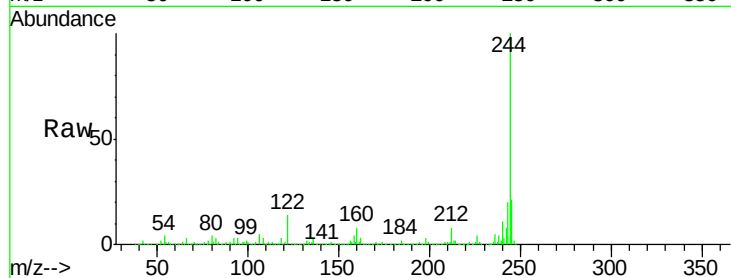




#78
 Terphenyl-d14
 Concen: 72.35 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1240566
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 14.5 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: BF083312.D
 Acq: 26 Nov 2015 11:33

Tgt Ion:264 Resp: 294914
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.0 18.2 27.4

