

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083118.D
 Acq On : 21 Nov 2015 18:34
 Operator : UM/IZ
 Sample : PB86782BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Quant Time: Nov 22 01:33:45 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 01:05:26 2015
 Response via : Initial Calibration

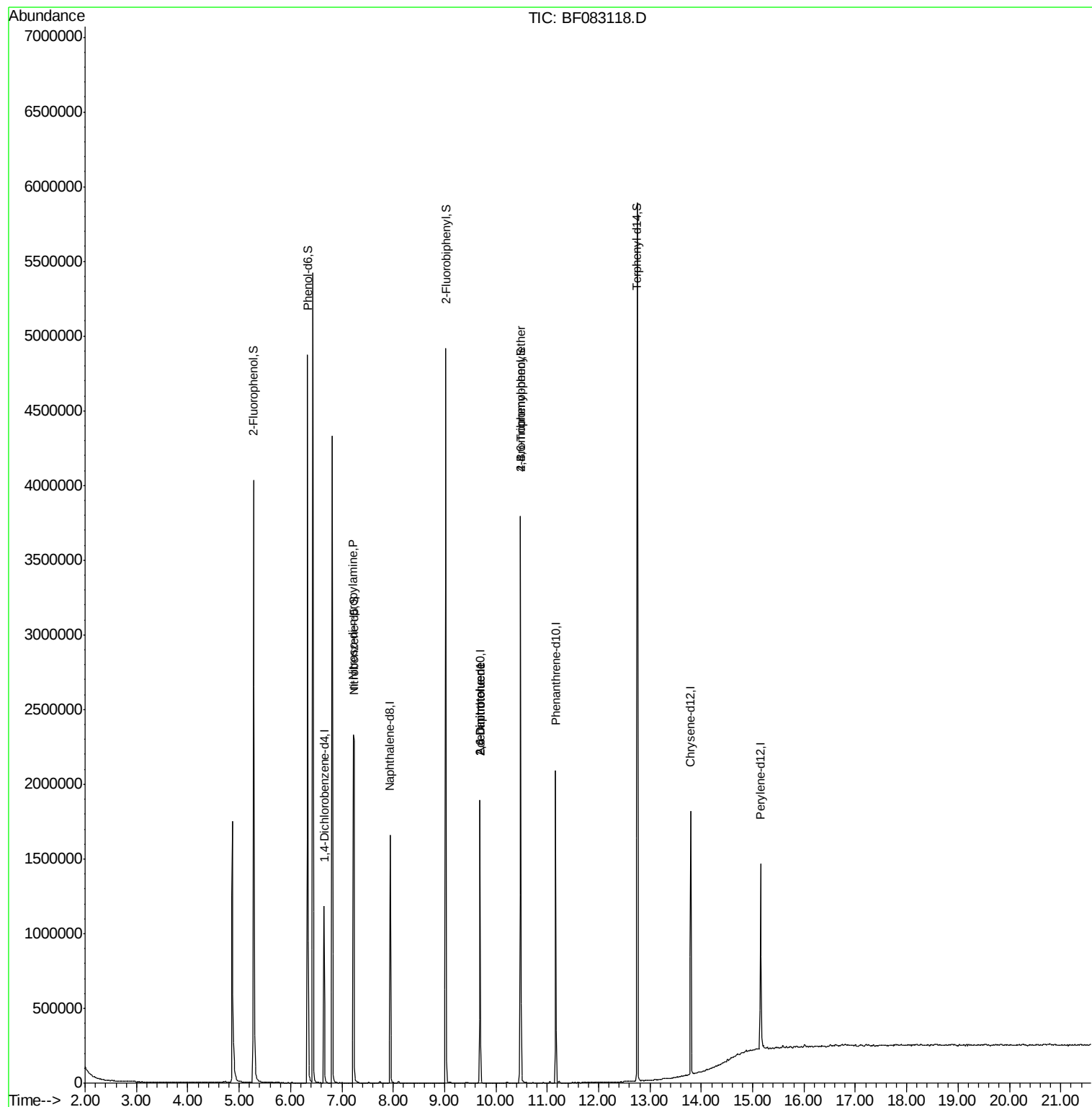
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192115	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	750113	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	392280	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	737157	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	706816	20.00	ng	-0.01
86) Perylene-d12	15.15	264	582797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1436159	56.51	ng	0.00
7) Phenol-d6	6.33	99	1811747	55.10	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1231730	37.52	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	430689	53.66	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2100396	37.33	ng	0.00
78) Terphenyl-d14	12.75	244	2006029	33.42	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.33	77	2711	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	162091	14.17	ng	# 78
50) 2,6-Dinitrotoluene	9.69	165	51853	7.65	ng	# 13
56) 2,4-Dinitrotoluene	9.69	165	51844	6.04	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	31227	3.82	ng	# 1

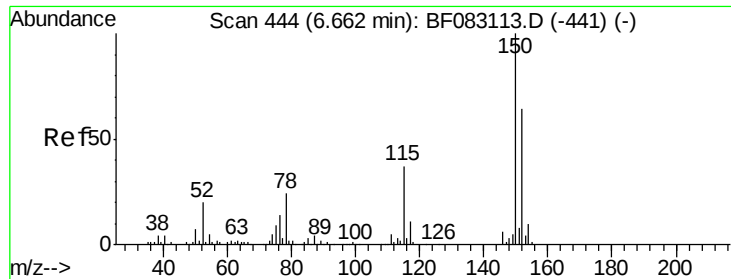
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083118.D
Acq On : 21 Nov 2015 18:34
Operator : UM/IZ
Sample : PB86782BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86782BL

Quant Time: Nov 22 01:33:45 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 01:05:26 2015
Response via : Initial Calibration



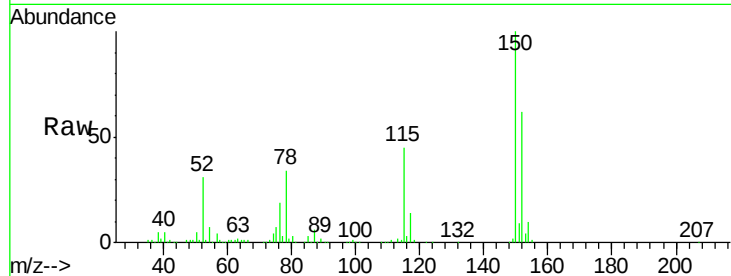


#1

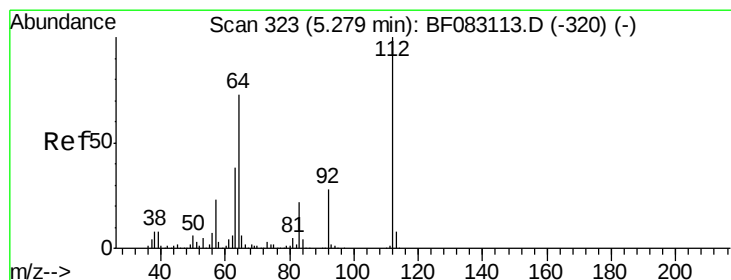
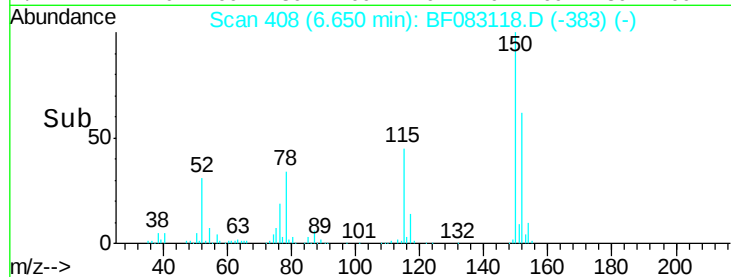
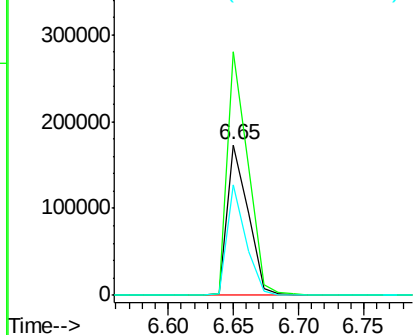
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	125.8	188.8
115	73.3	46.9	70.3



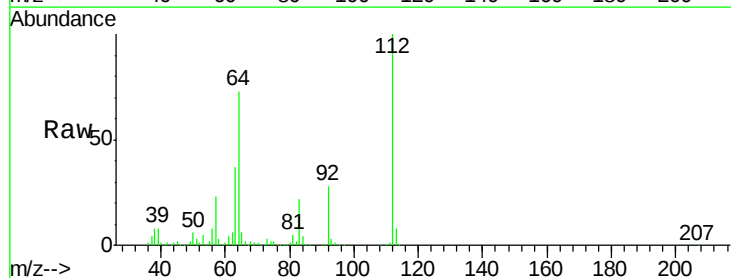
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



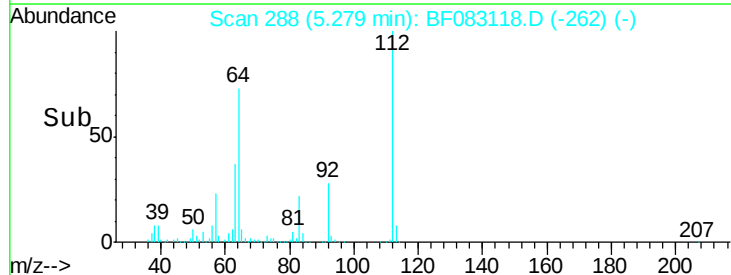
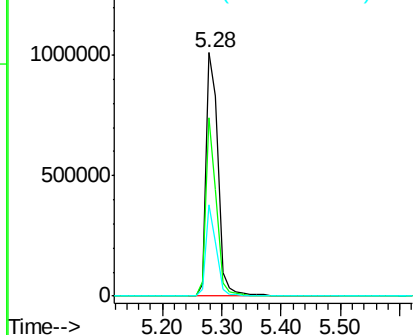
#5

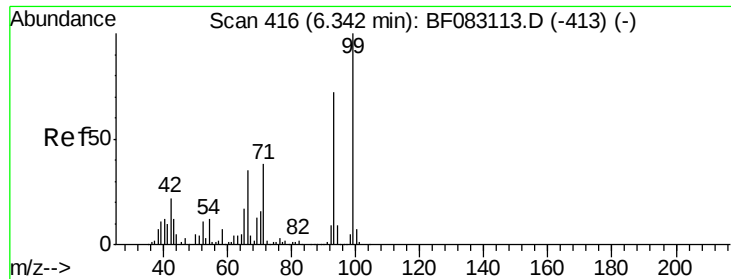
2-Fluorophenol
 Concen: 56.51 ng
 RT: 5.28 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.4	87.6
63	37.3	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: 55.10 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083118.D

Acq: 21 Nov 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86782BL

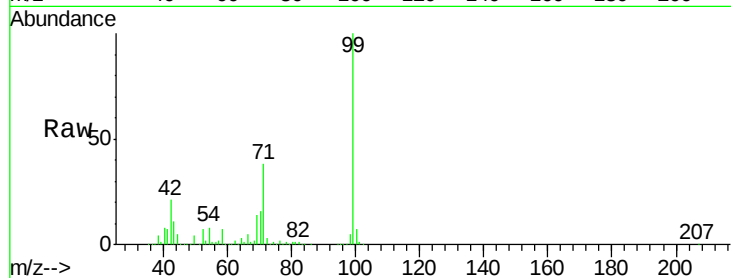
Tgt Ion: 99 Resp: 1811747

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

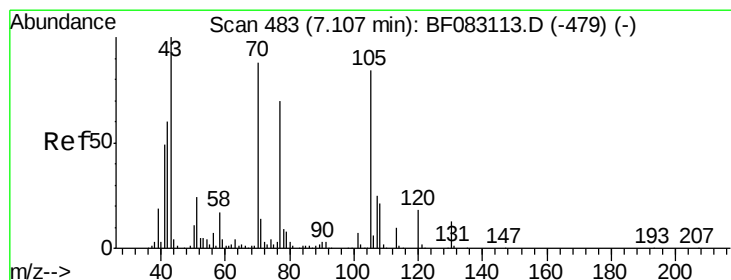
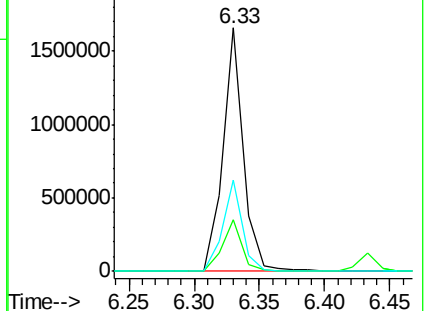
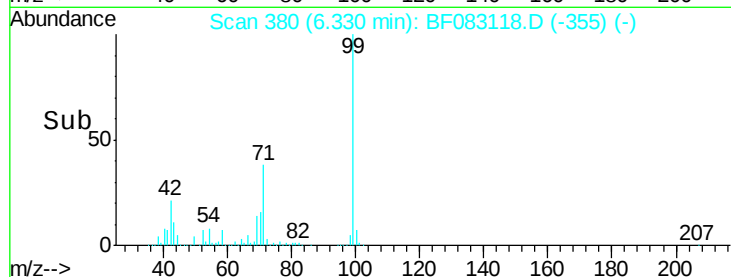
71 37.6 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.17 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083118.D

Acq: 21 Nov 2015 18:34

Tgt Ion: 70 Resp: 162091

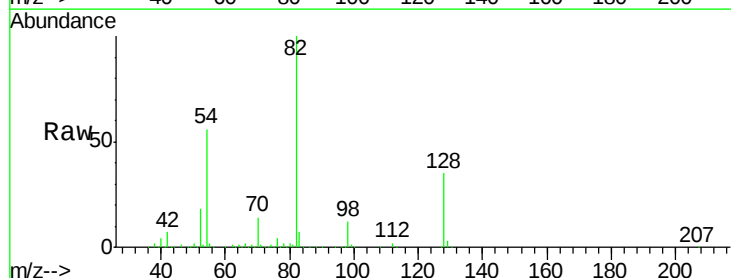
Ion Ratio Lower Upper

70 100

42 51.8 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#

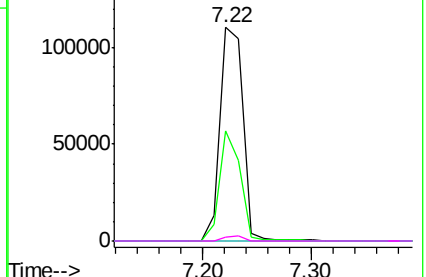
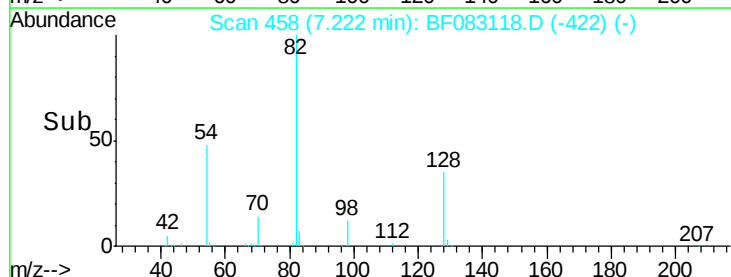


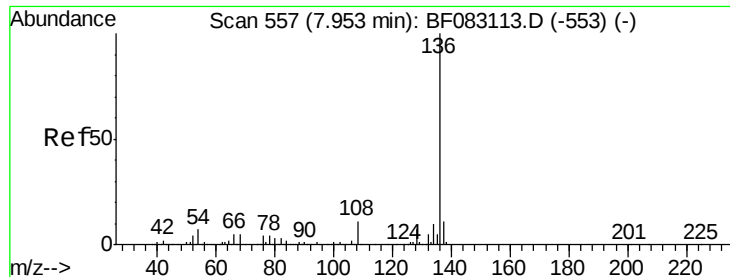
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

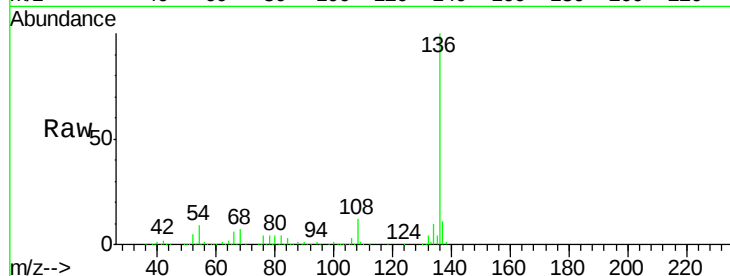




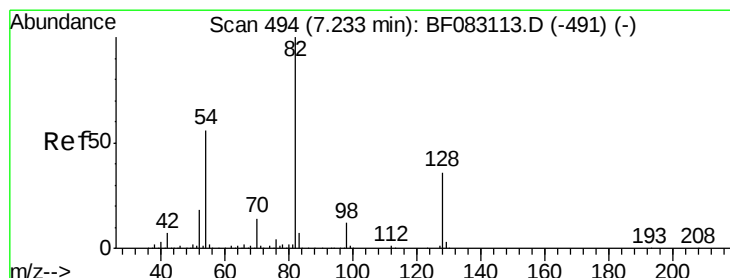
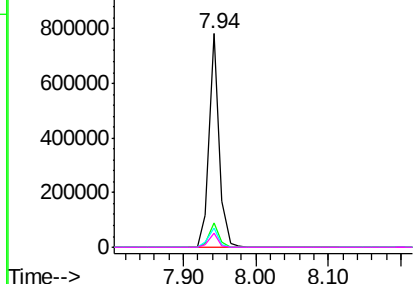
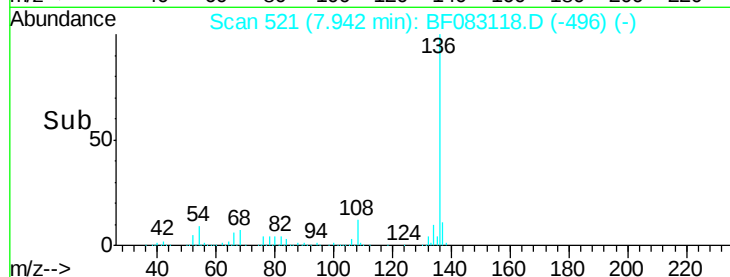
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB86782BL

Tgt Ion:	136	Resp:	750113
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	5.8	8.6#
68	6.5	3.8	5.8#

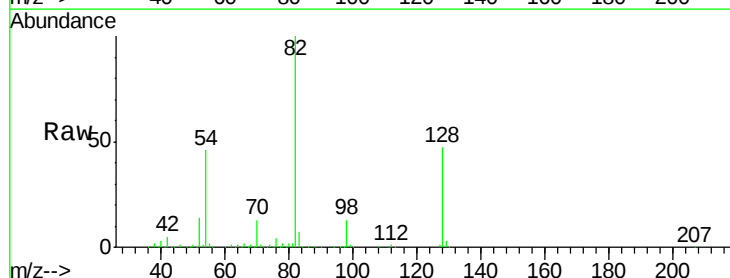


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

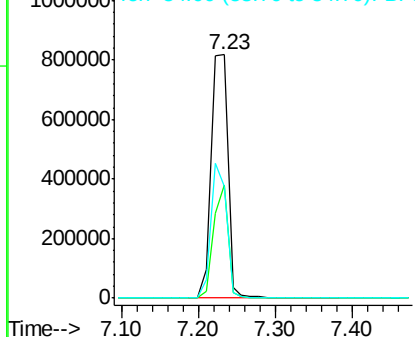
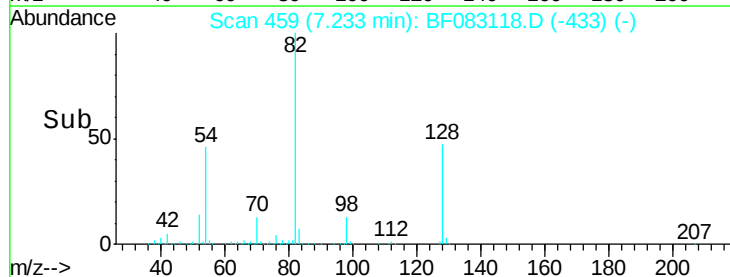


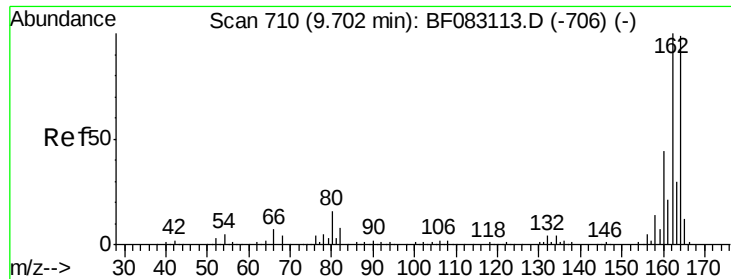
#23
Nitrobenzene-d5
Concen: 37.52 ng
RT: 7.23 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Tgt Ion:	82	Resp:	1231730
Ion	Ratio	Lower	Upper
82	100		
128	46.7	28.5	42.7#
54	46.1	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

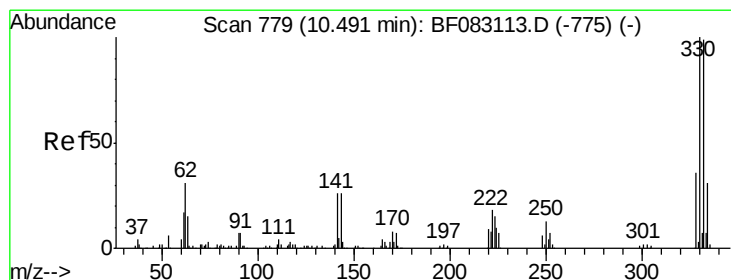
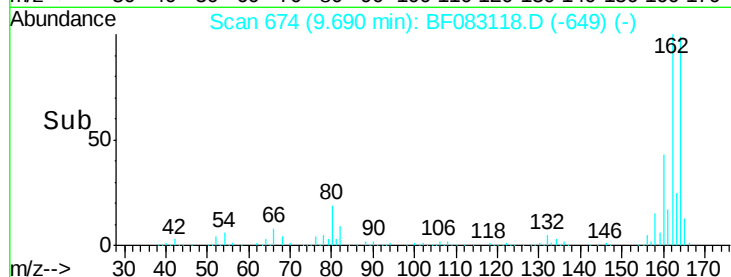
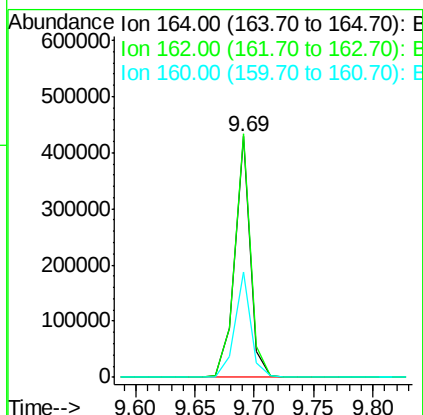
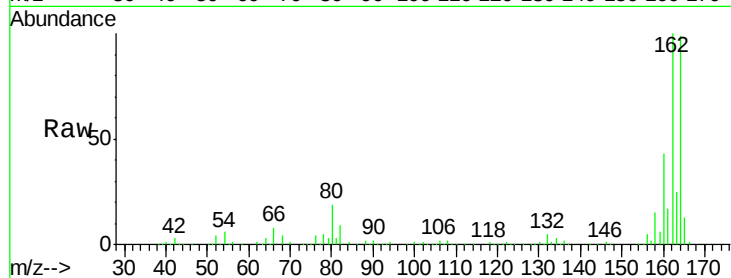




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

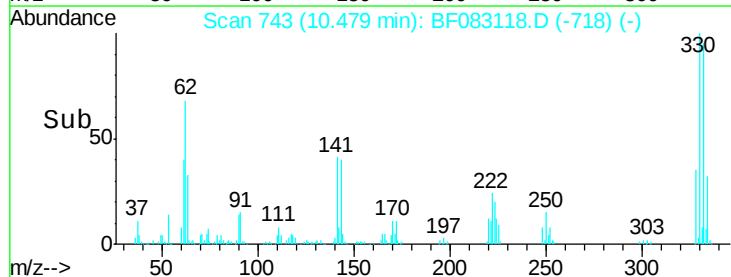
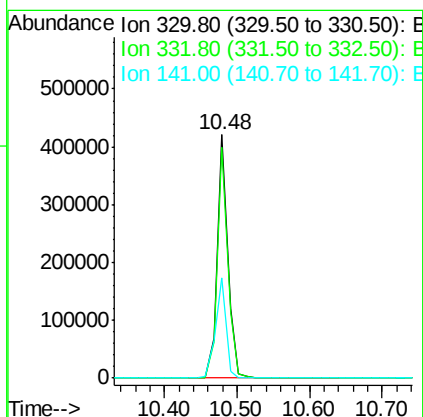
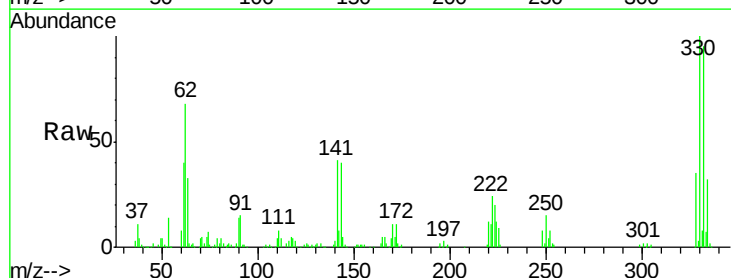
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

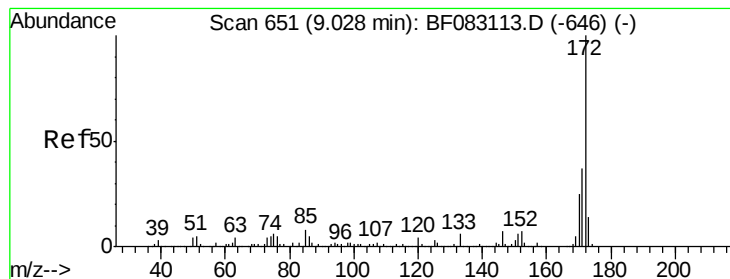
Tgt Ion:164 Resp: 392280
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 43.7 35.6 53.4



#41
 2,4,6-Tribromophenol
 Concen: 53.66 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:330 Resp: 430689
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.7 116.5
 141 40.8 29.7 44.5

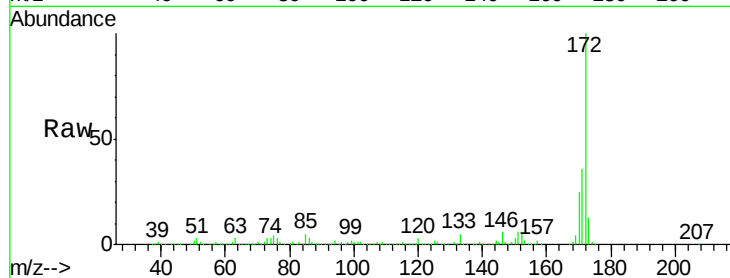




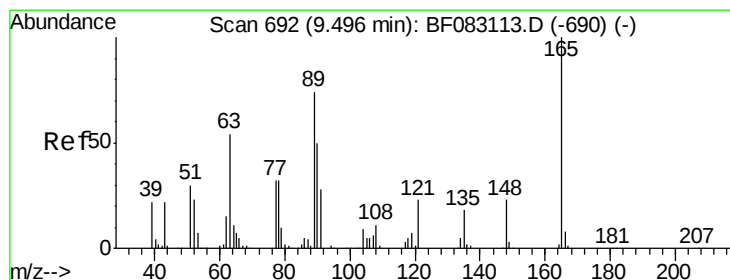
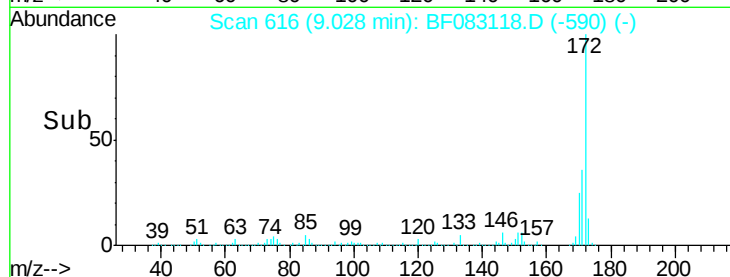
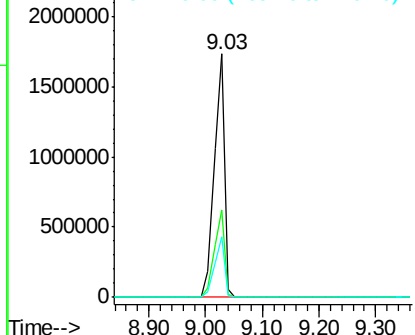
#44
 2-Fluorobiphenyl
 Concen: 37.33 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tgt Ion:172 Resp: 2100396
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 25.0 19.9 29.9

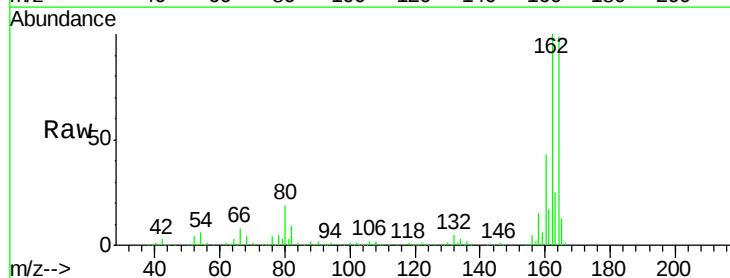


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

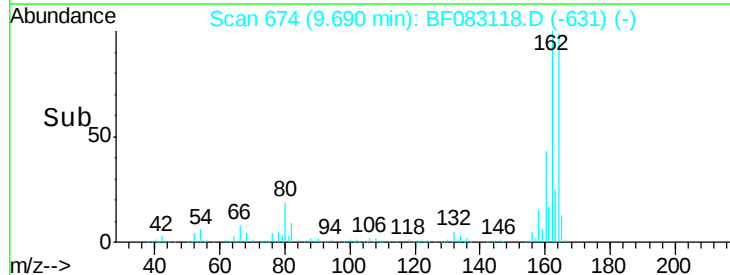
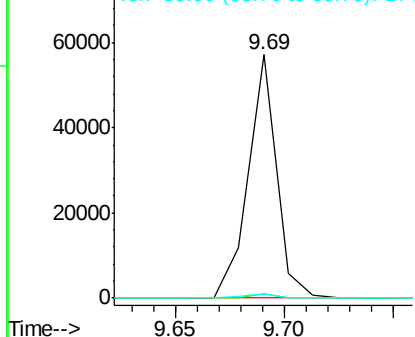


#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.69 min Scan# 674
 Delta R.T. 0.19 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:165 Resp: 51853
 Ion Ratio Lower Upper
 165 100
 63 1.6 62.5 93.7#
 89 1.6 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

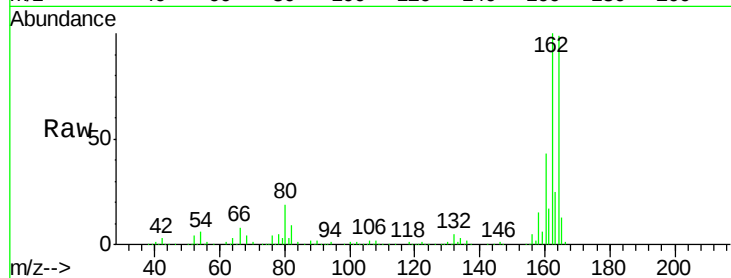




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.21 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#

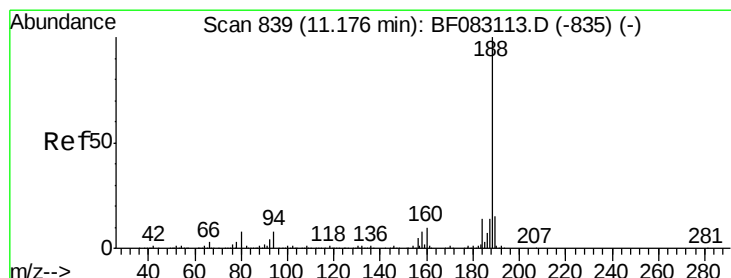
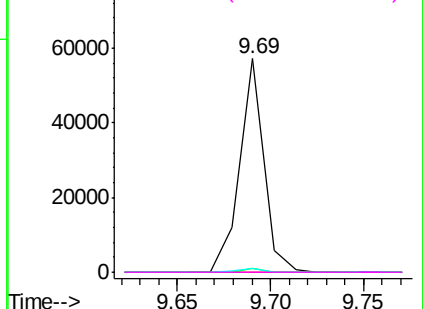
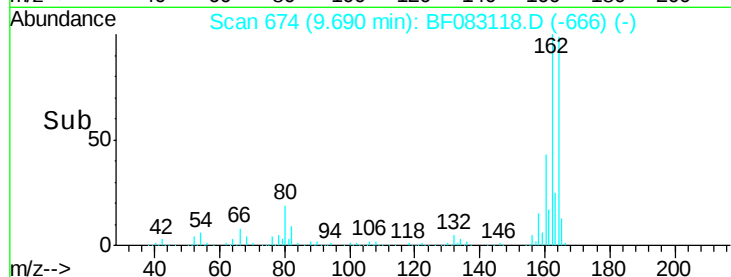


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

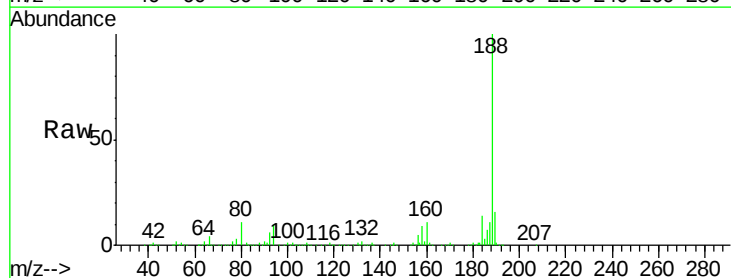
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

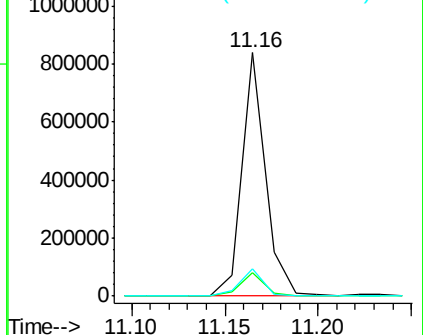
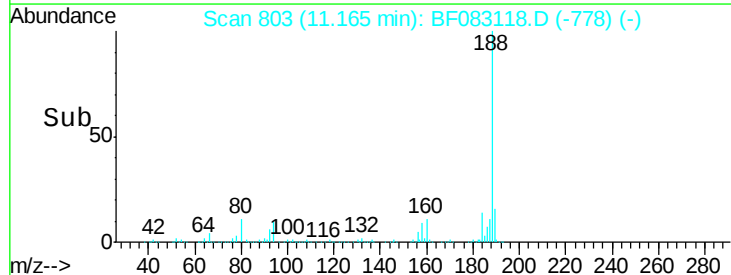
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.0	9.0#
80	11.2	6.7	10.1#

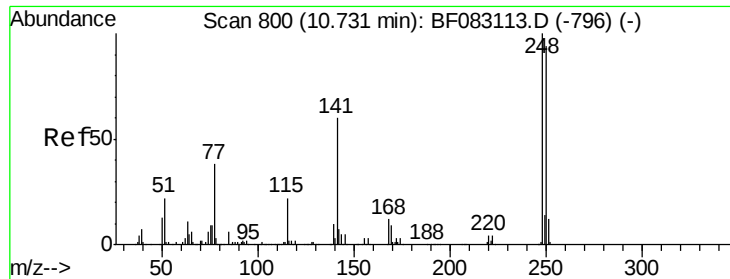


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

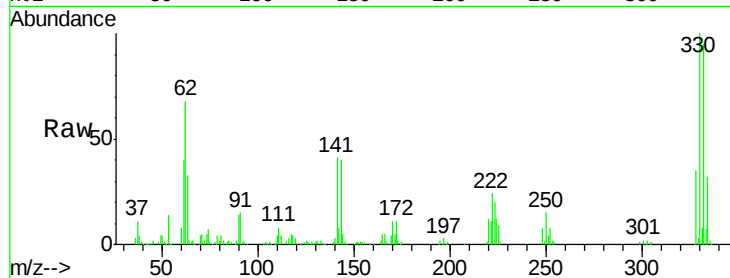




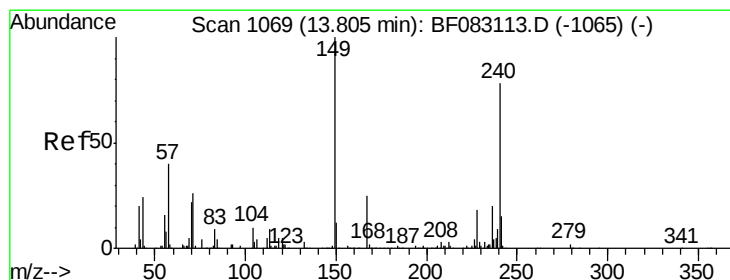
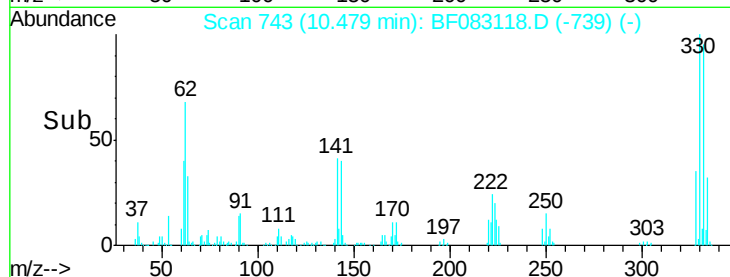
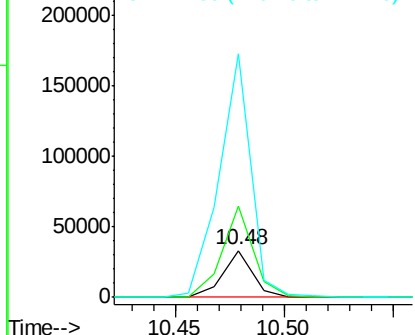
#66
 4-Bromophenyl-phenylether
 Concen: 3.82 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tgt Ion:248 Resp: 31227
 Ion Ratio Lower Upper
 248 100
 250 194.8 75.4 113.2#
 141 519.7 48.1 72.1#

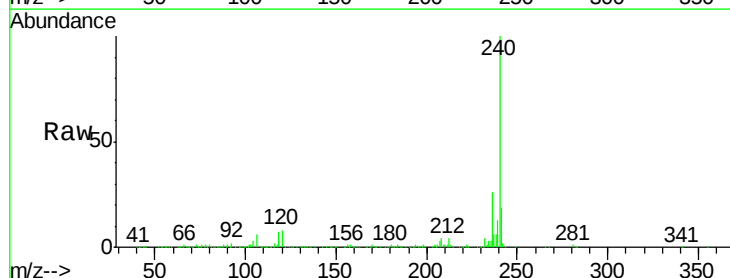


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

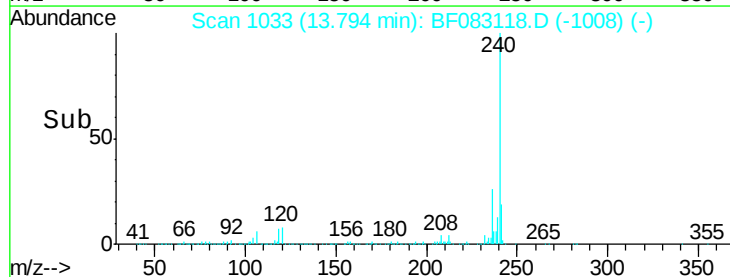
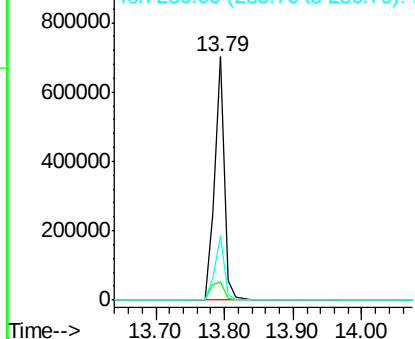


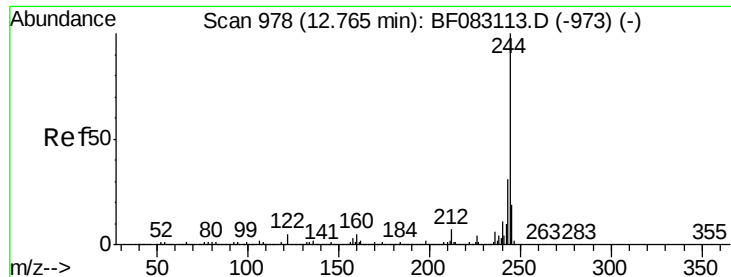
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:240 Resp: 706816
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.4 8.2
 236 26.2 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

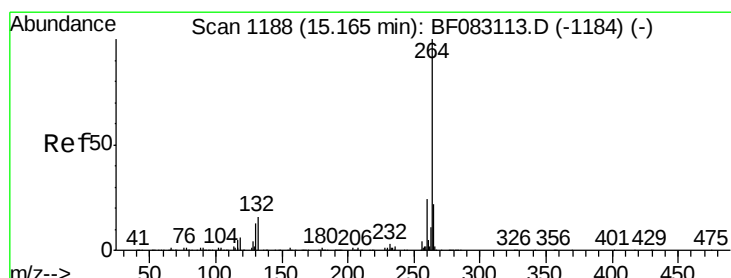
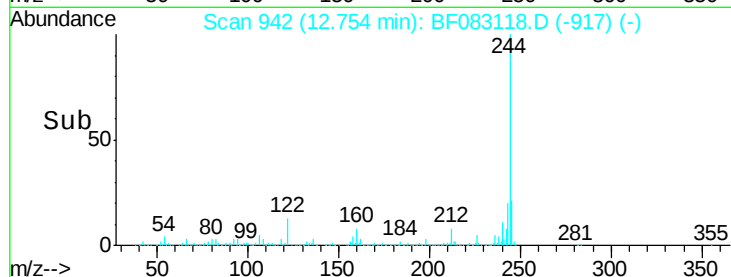
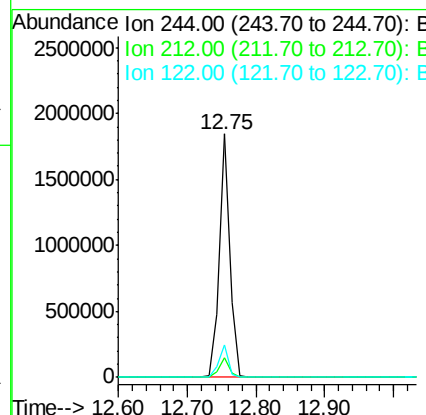
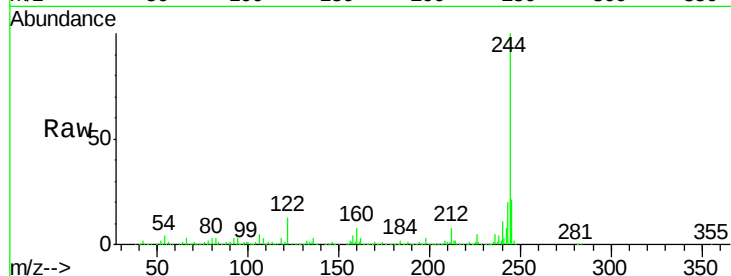




#78
 Terphenyl-d14
 Concen: 33.42 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tgt Ion:244 Resp: 2006029
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 13.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:264 Resp: 582797
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.8 18.2 27.4

