

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083305.D
 Acq On : 26 Nov 2015 8:09
 Operator : UM/IZ
 Sample : G4553-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:40:54 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

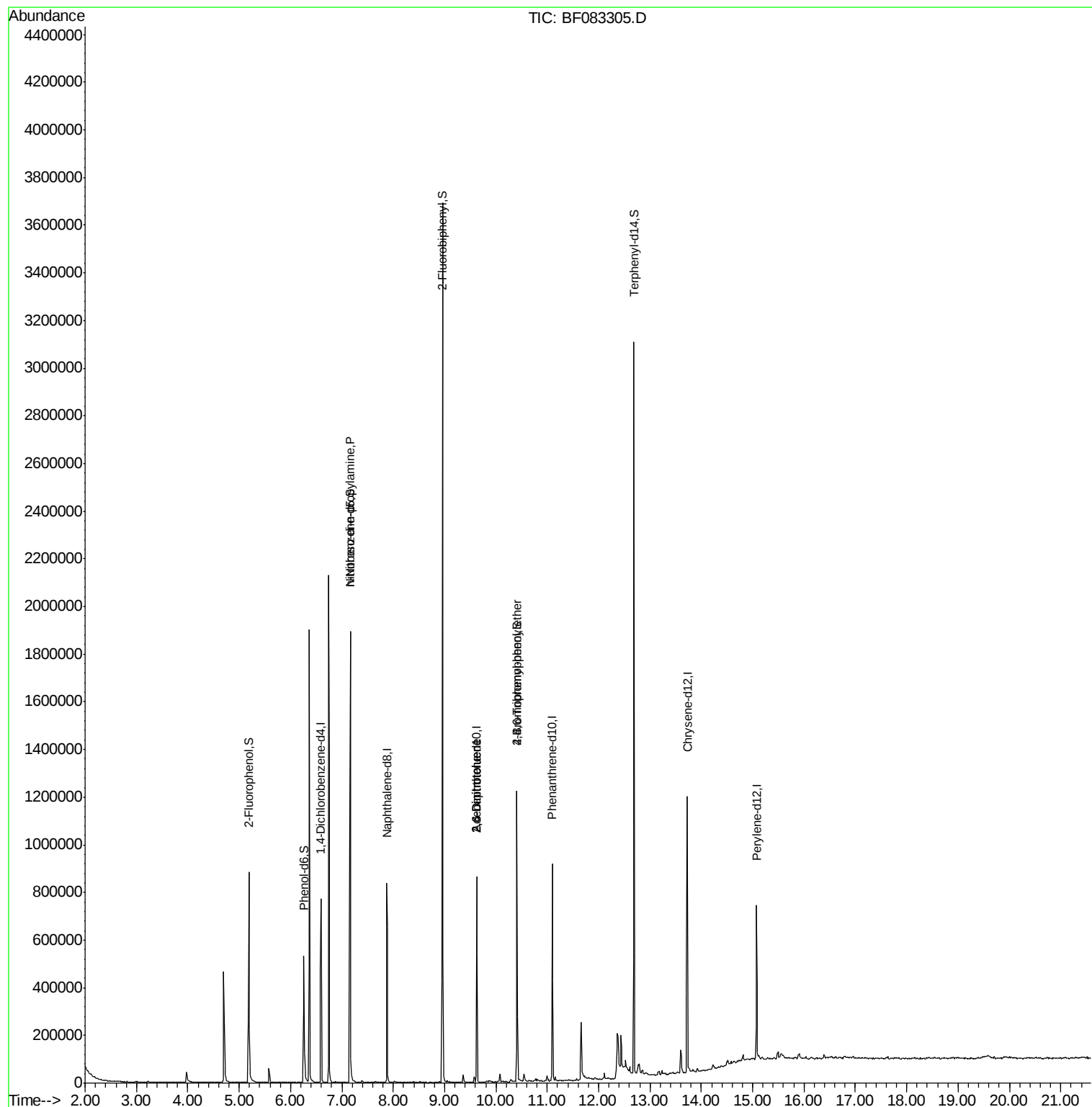
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	143048	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	505462	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	208917	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	370756	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	408968	20.00	ng	-0.08
86) Perylene-d12	15.07	264	289461	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	289519	30.60	ng	-0.09
7) Phenol-d6	6.26	99	250611	20.47	ng	-0.08
23) Nitrobenzene-d5	7.16	82	760252	68.73	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	123354	57.71	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1061857	70.88	ng	-0.07
78) Terphenyl-d14	12.68	244	906958	52.22	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	101184	11.88	ng	# 72
50) 2,6-Dinitrotoluene	9.62	165	26826	7.43	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	26827	5.87	ng	# 11
66) 4-Bromophenyl-phenylether	10.41	248	8654	2.10	ng	# 1

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

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Quant Time: Nov 26 12:40:54 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: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

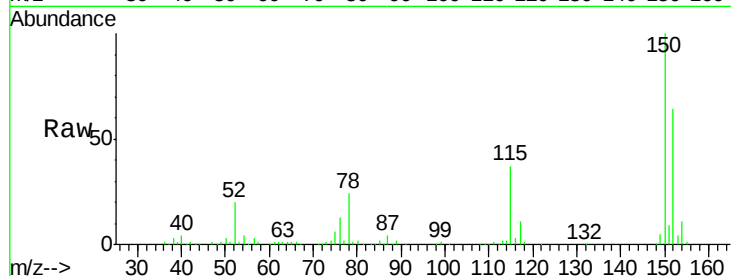
Tot Ion:152 Resp: 143048

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.8

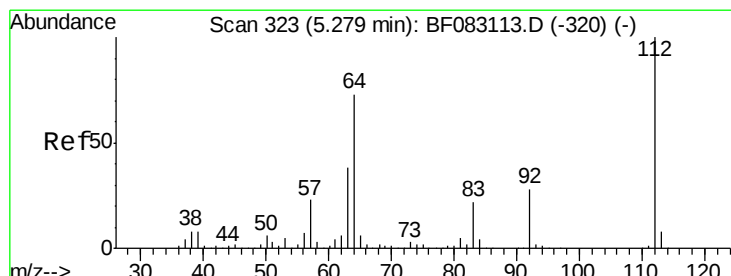
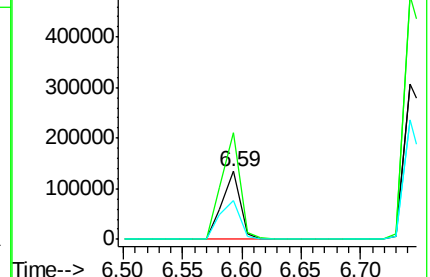
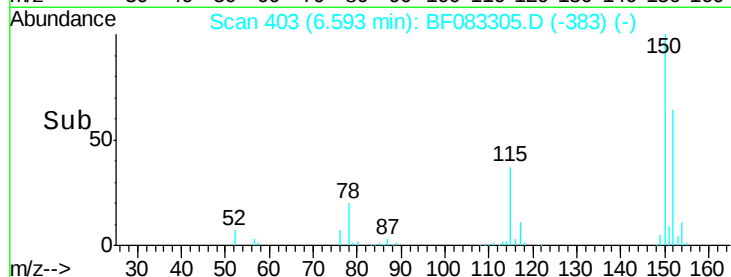
115 57.9 46.9 70.3



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: 30.60 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

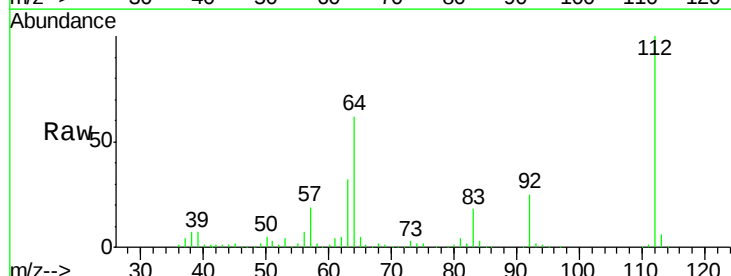
Tgt Ion:112 Resp: 289519

Ion Ratio Lower Upper

112 100

64 62.1 58.4 87.6

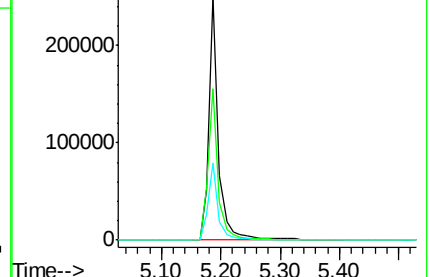
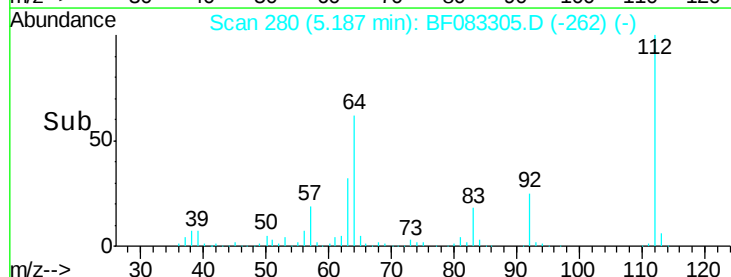
63 31.6 30.0 45.0

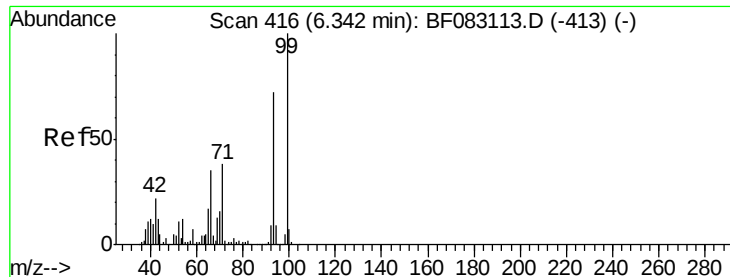


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.47 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

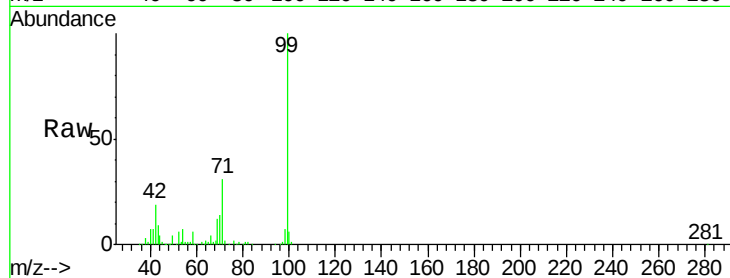
Tot Ion: 99 Resp: 250611

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

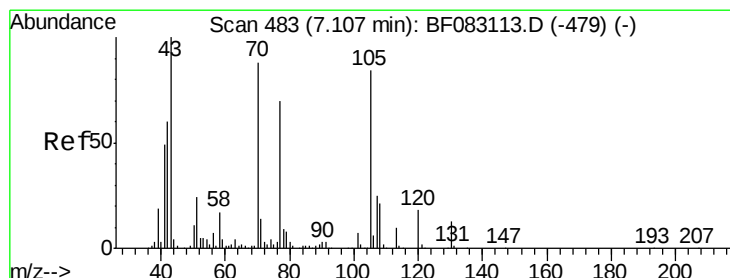
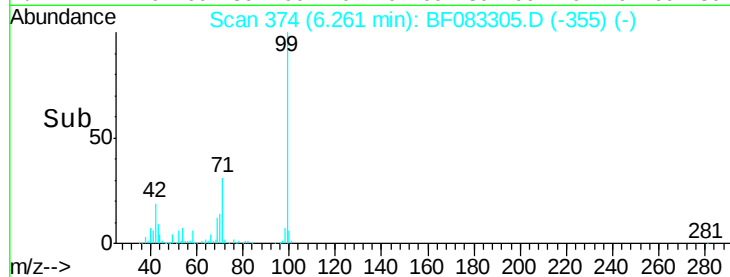
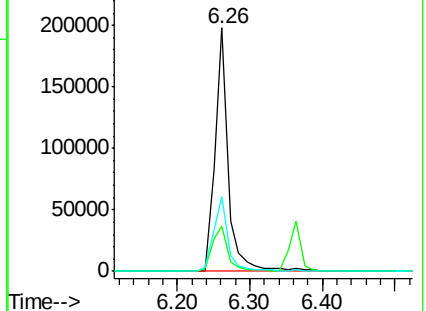
71 30.5 30.2 45.4



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: 11.88 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Tgt Ion: 70 Resp: 101184

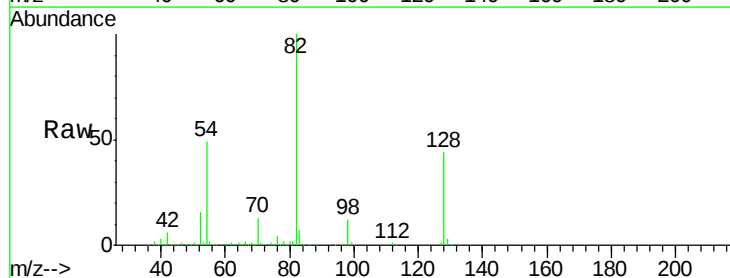
Ion Ratio Lower Upper

70 100

42 45.6 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#

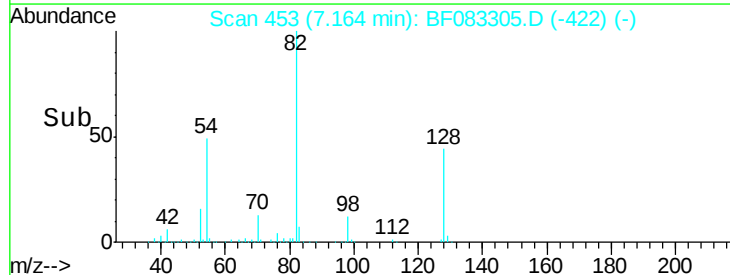
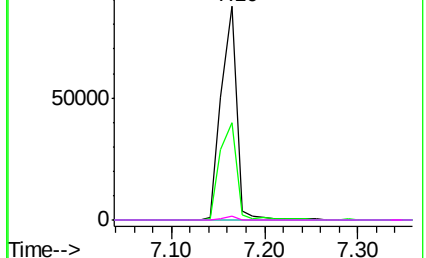


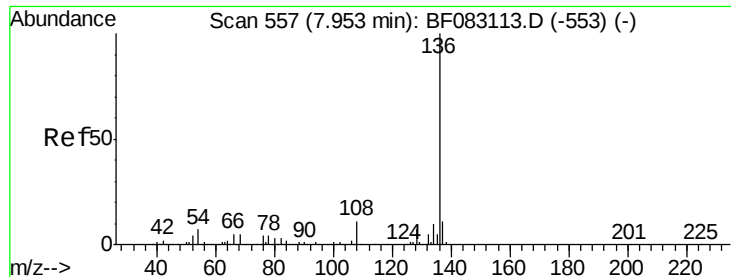
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505462

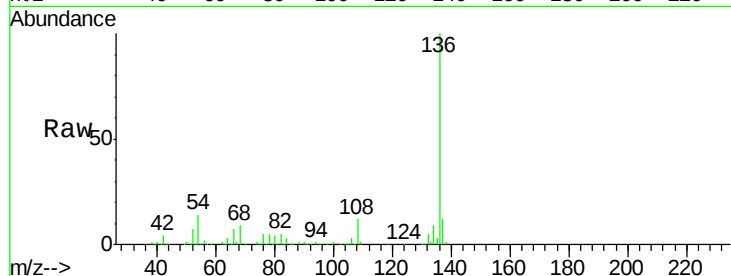
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 13.8 5.8 8.6#

68 8.5 3.8 5.8#

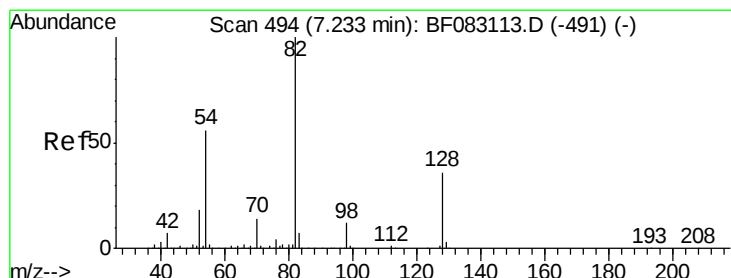
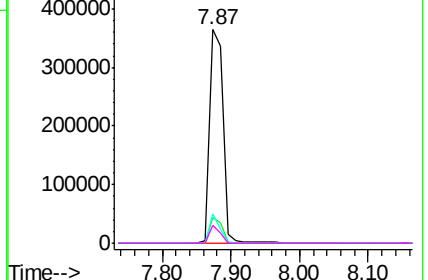
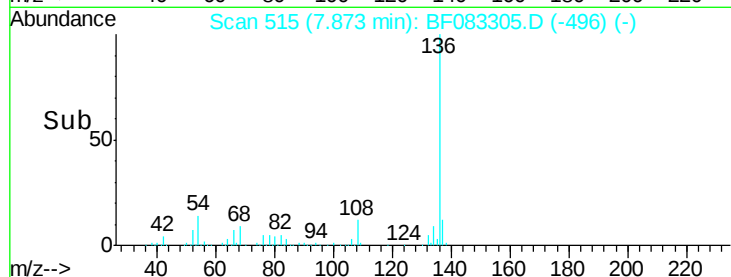


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.73 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

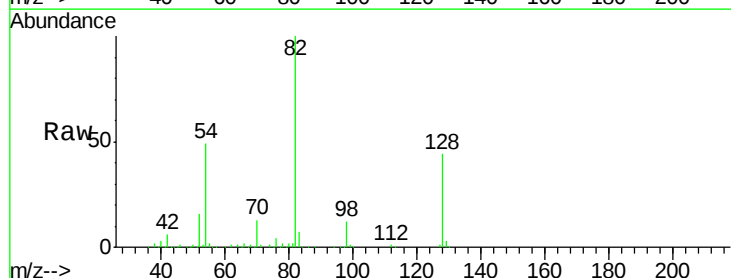
Tgt Ion: 82 Resp: 760252

Ion Ratio Lower Upper

82 100

128 44.1 28.5 42.7#

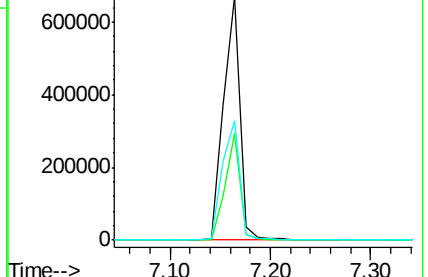
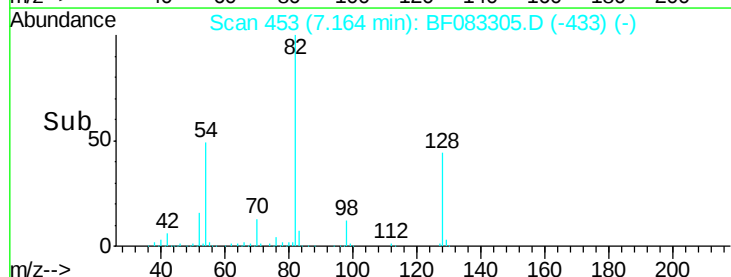
54 49.2 44.6 67.0

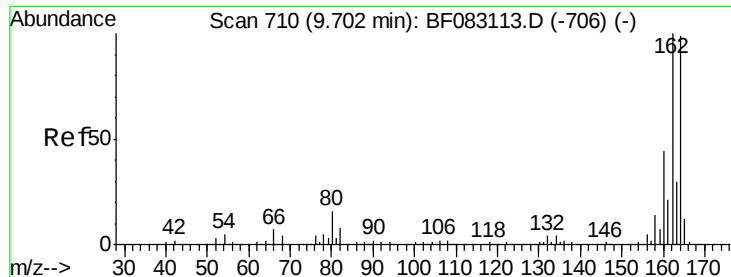


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

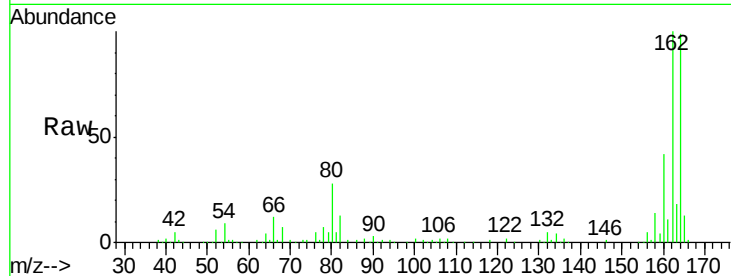




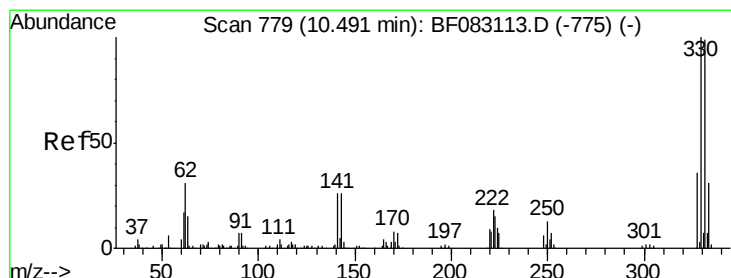
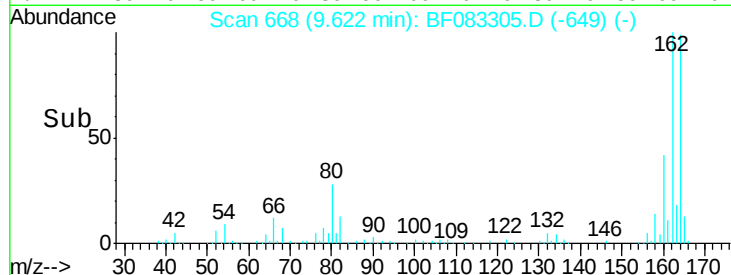
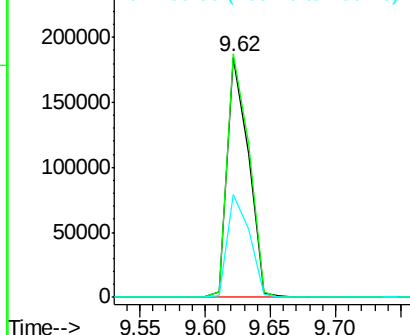
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 208917
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 42.9 35.6 53.4

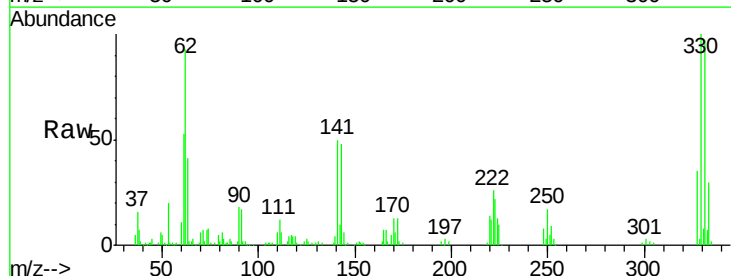


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

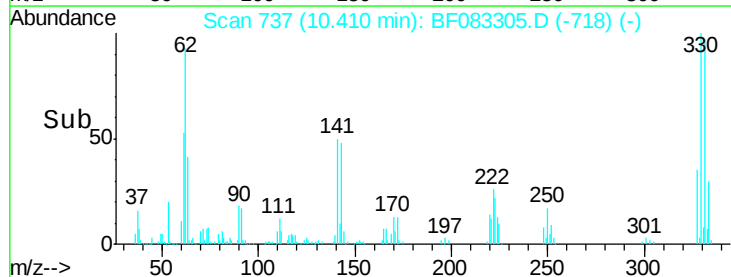
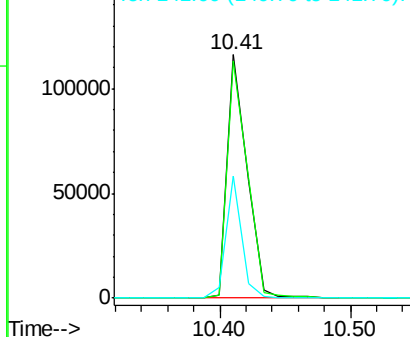


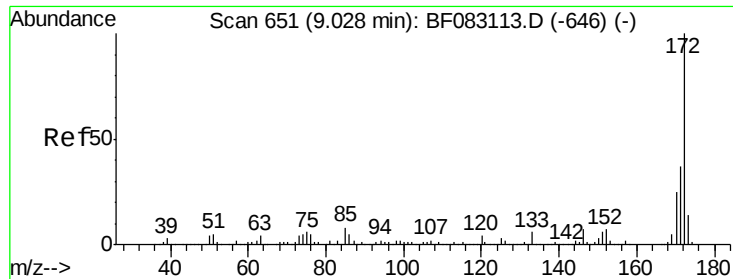
#41
2,4,6-Tribromophenol
Concen: 57.71 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

Tgt Ion:330 Resp: 123354
Ion Ratio Lower Upper
330 100
332 98.8 77.7 116.5
141 39.9 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



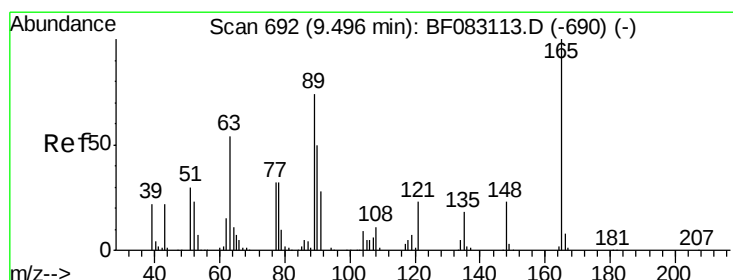
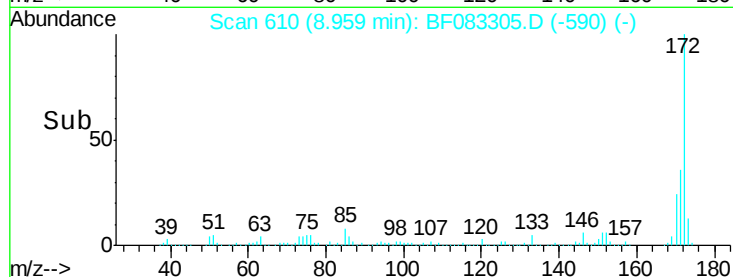
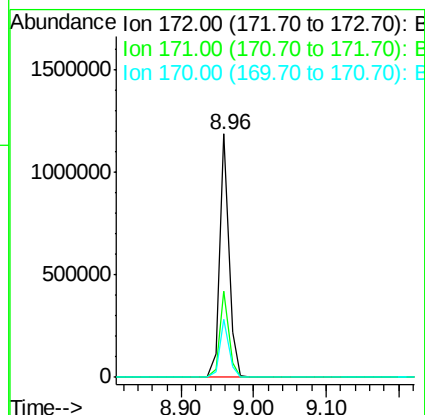
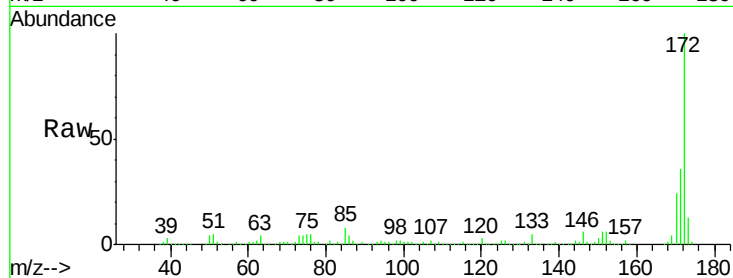


#44
 2-Fluorobiphenyl
 Concen: 70.88 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1061857

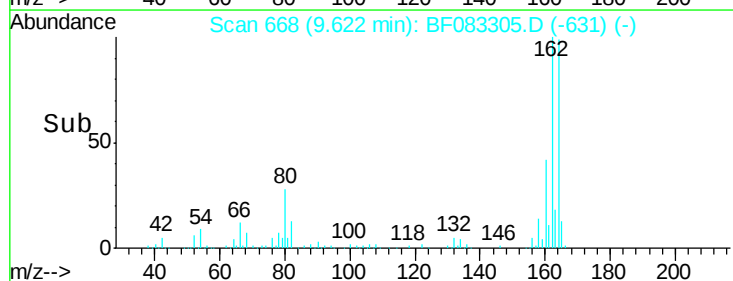
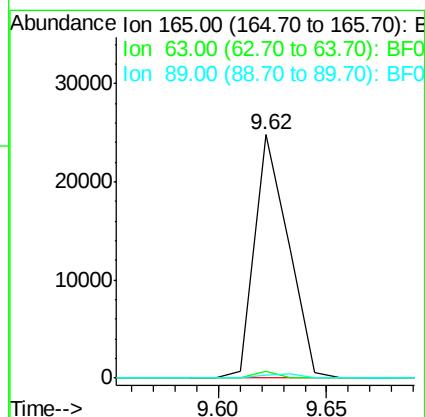
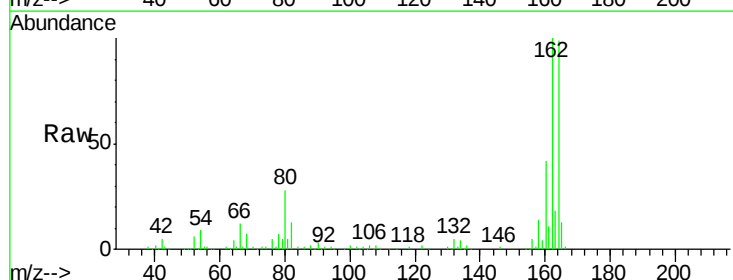
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	24.0	19.9	29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Tgt Ion:165 Resp: 26826

Ion	Ratio	Lower	Upper
165	100		
63	2.6	62.5	93.7#
89	1.3	59.1	88.7#

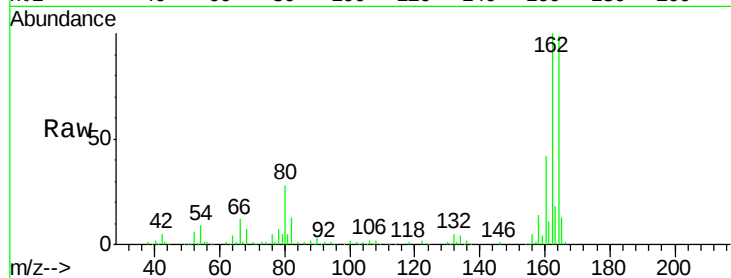




#56
 2,4-Dinitrotoluene
 Concen: 5.87 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	54.5	81.7#
89	1.3	77.3	115.9#
182	0.0	1.8	2.6#

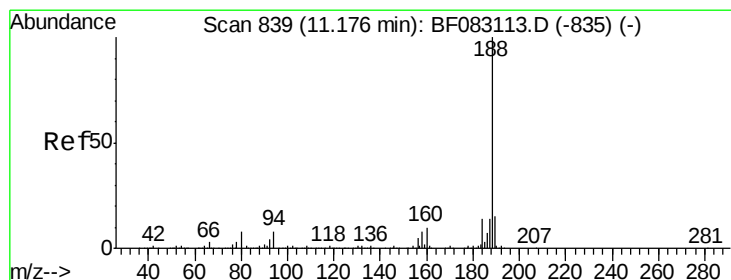
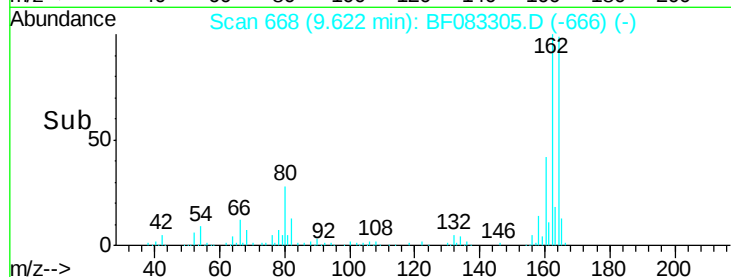
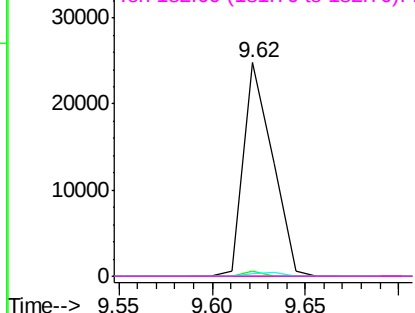


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

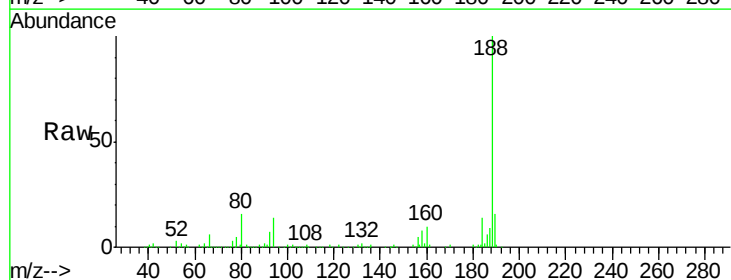
Ion 89.00 (88.70 to 89.70): BF0

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: BF083305.D
 Acq: 26 Nov 2015 8:09

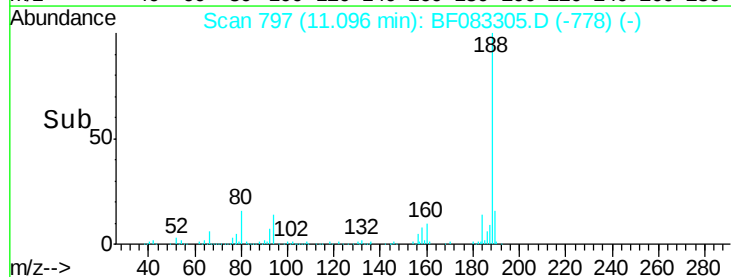
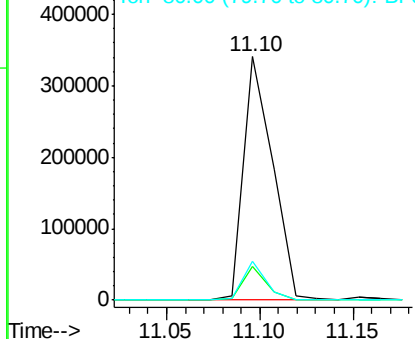
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	6.0	9.0#
80	16.0	6.7	10.1#

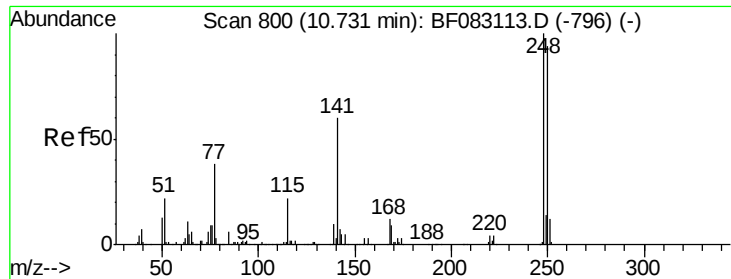


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.10 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

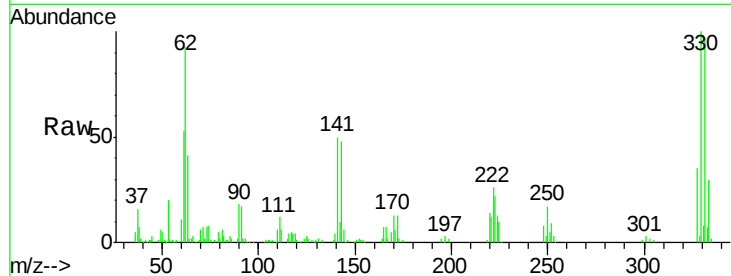
Tot Ion:248 Resp: 8654

Ion Ratio Lower Upper

248 100

250 199.8 75.4 113.2#

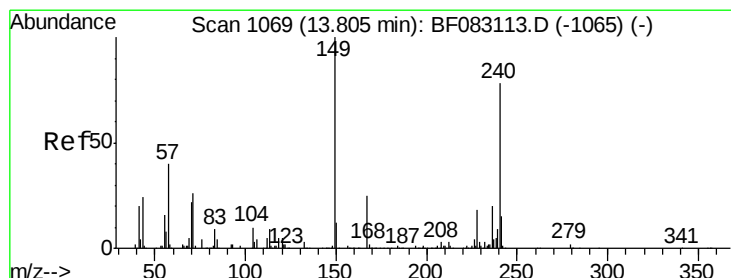
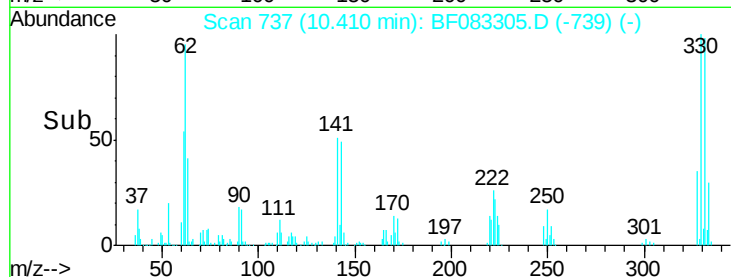
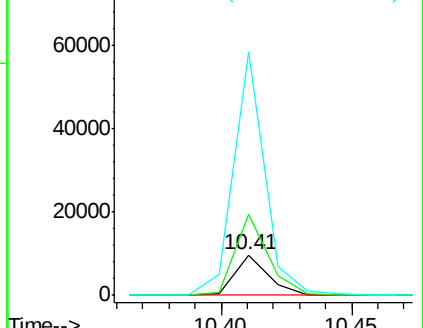
141 604.7 48.1 72.1#



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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

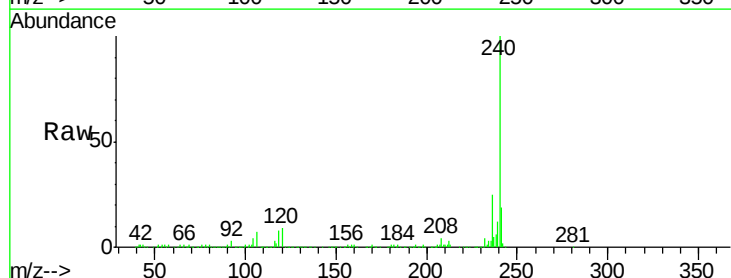
Tgt Ion:240 Resp: 408968

Ion Ratio Lower Upper

240 100

120 9.5 5.4 8.2#

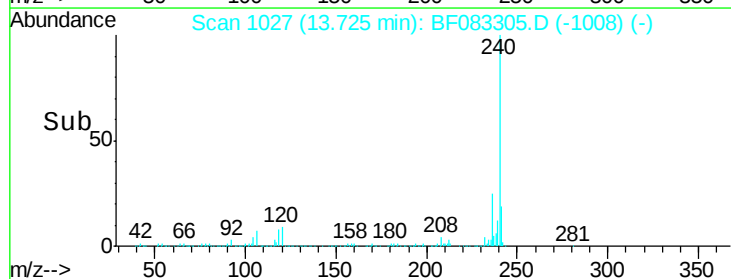
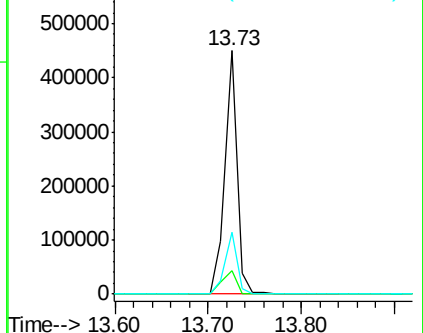
236 25.2 20.6 31.0

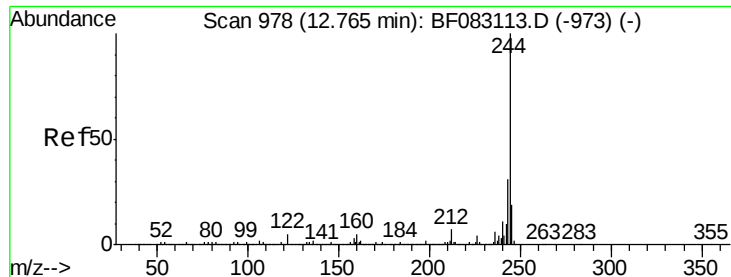


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

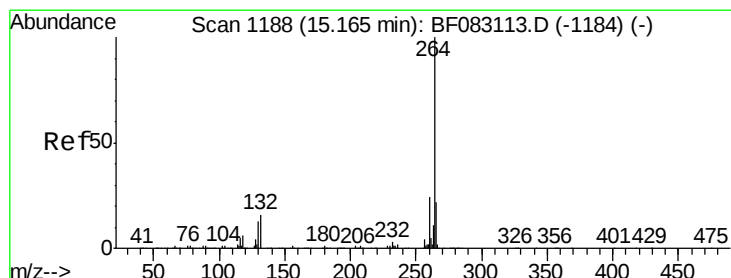
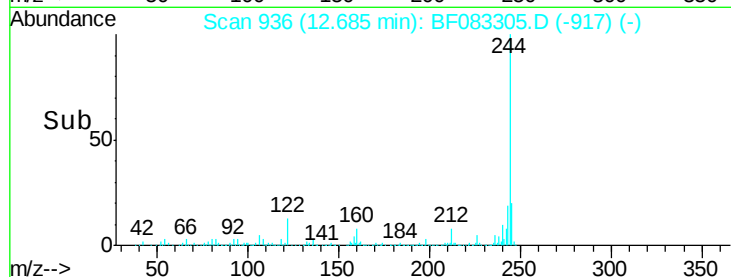
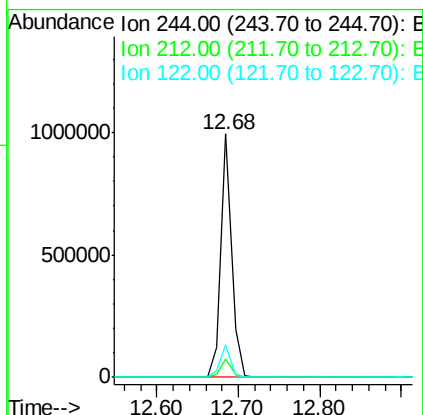
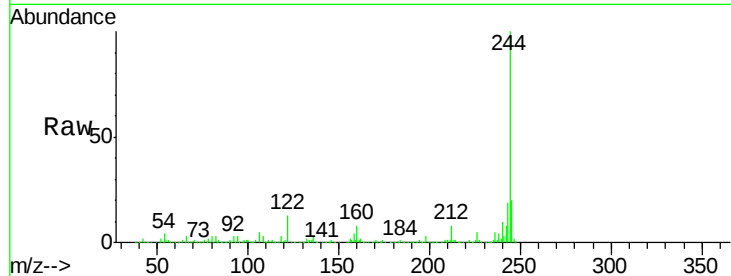




#78
 Terphenyl-d14
 Concen: 52.22 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	13.4	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: BF083305.D
 Acq: 26 Nov 2015 8:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.4	18.2	27.4

