

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083316.D
 Acq On : 26 Nov 2015 13:31
 Operator : UM/IZ
 Sample : G4534-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:34:24 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	151074	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	528678	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	222399	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	390528	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	422462	20.00	ng	-0.08
86) Perylene-d12	15.07	264	316766	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	400718	40.10	ng	-0.09
7) Phenol-d6	6.25	99	339552	26.26	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1153652	99.71	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	177427	77.98	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1454025	91.17	ng	-0.07
78) Terphenyl-d14	12.69	244	1315053	73.30	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	154244	17.14	ng	# 74
50) 2,6-Dinitrotoluene	9.62	165	27487	7.15	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	27488	5.65	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	12962	2.99	ng	# 1

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

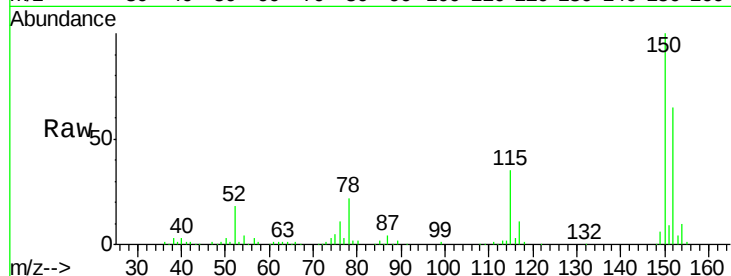


#1

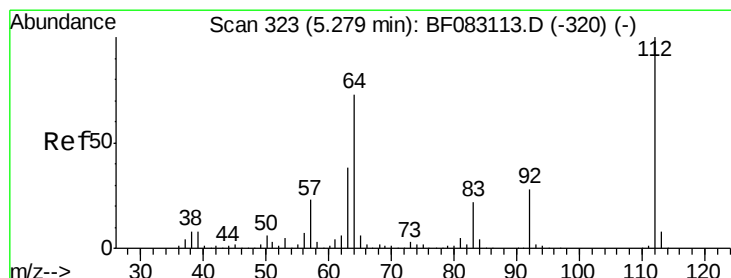
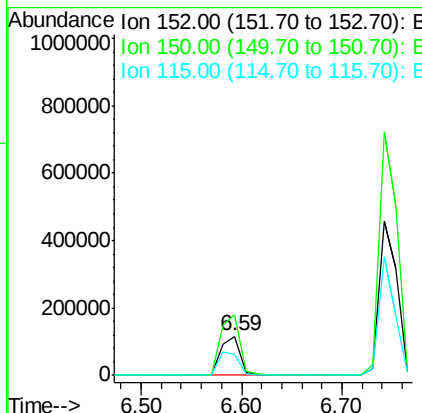
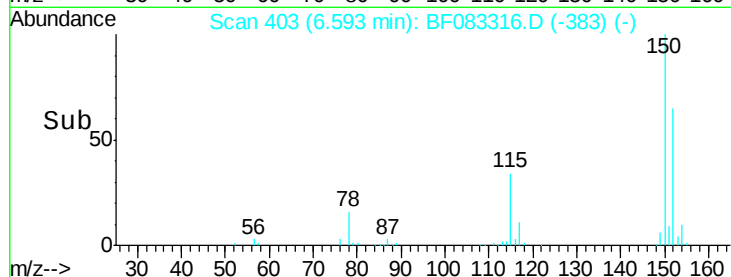
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	152	Resp	151074
Ion Ratio	Lower	Upper	
152	100		
150	154.7	125.8	188.8
115	53.9	46.9	70.3



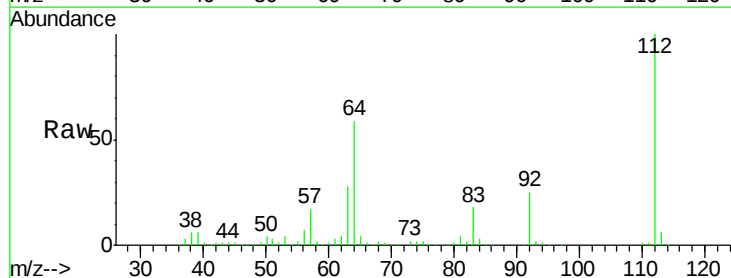
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



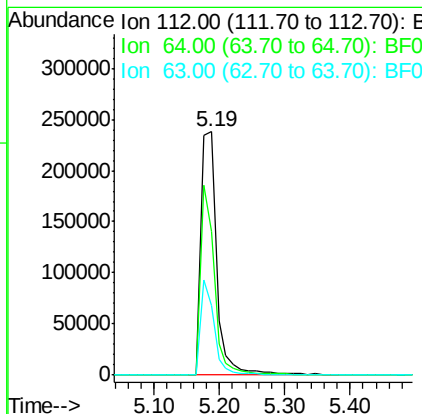
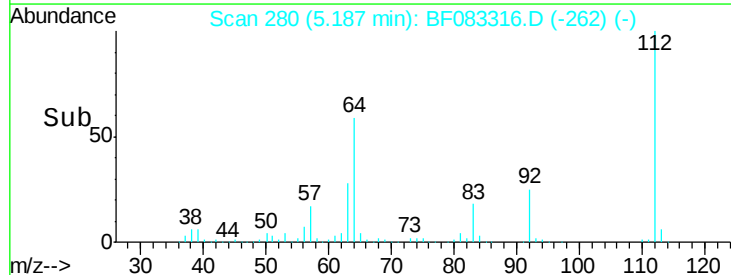
#5

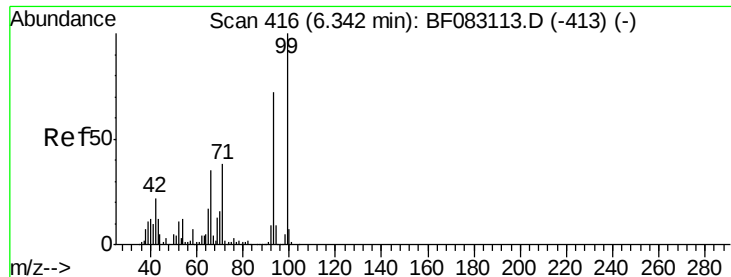
2-Fluorophenol
 Concen: 40.10 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

Tgt Ion	112	Resp	400718
Ion Ratio	Lower	Upper	
112	100		
64	59.2	58.4	87.6
63	28.4	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: 26.26 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

Instrument :

BNA_F

ClientSampleId :

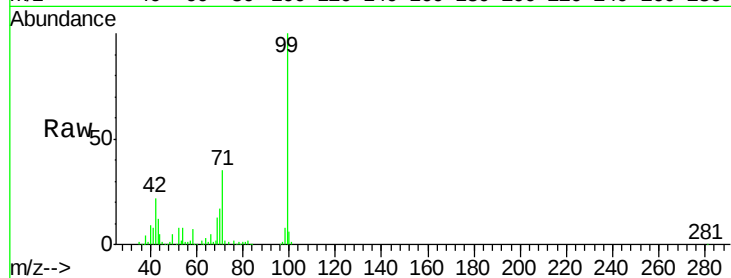
Tot Ion: 99 Resp: 339552

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

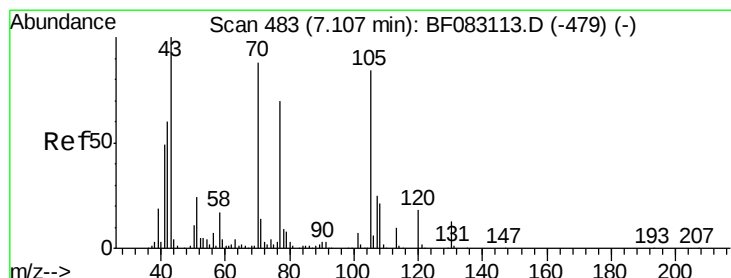
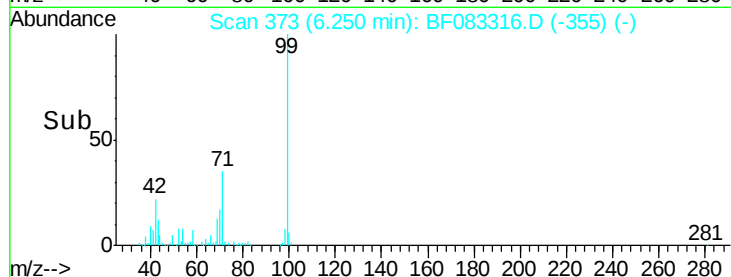
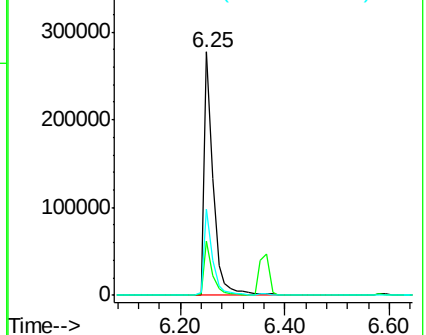
71 35.2 30.2 45.4



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: 17.14 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

Tgt Ion: 70 Resp: 154244

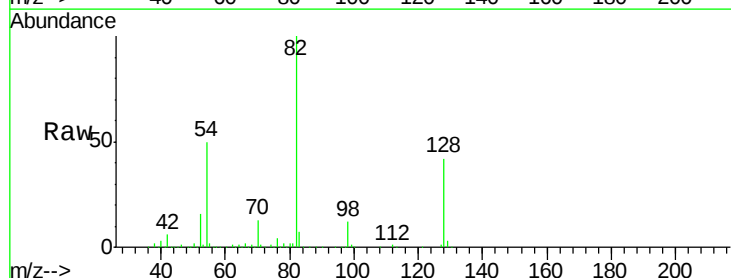
Ion Ratio Lower Upper

70 100

42 47.3 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

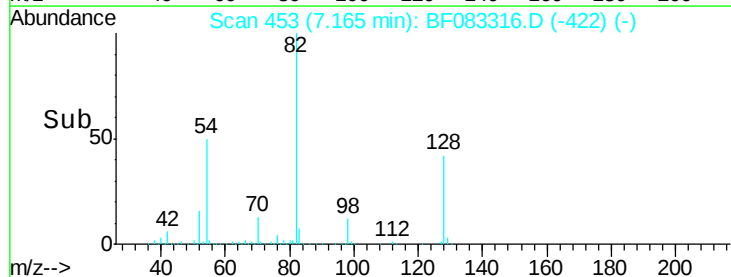
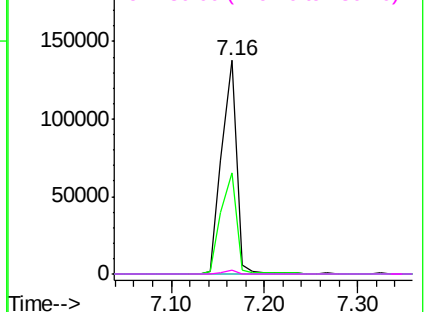


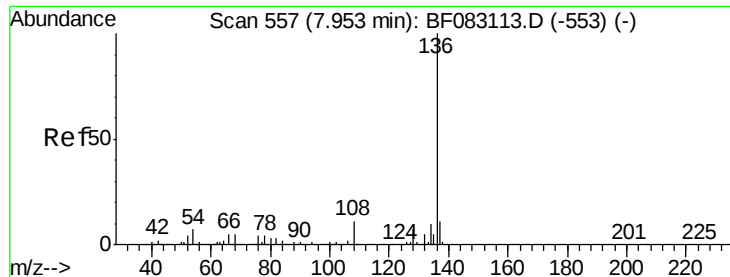
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083316.D

Acq: 26 Nov 2015 13:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 528678

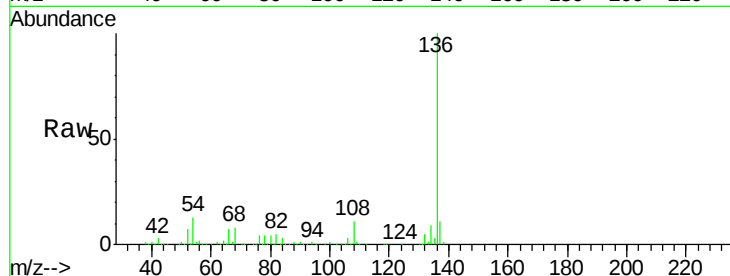
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 13.2 5.8 8.6#

68 8.4 3.8 5.8#

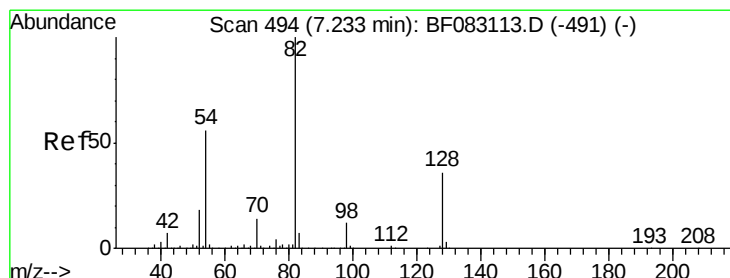
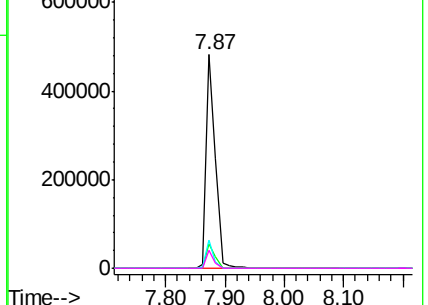
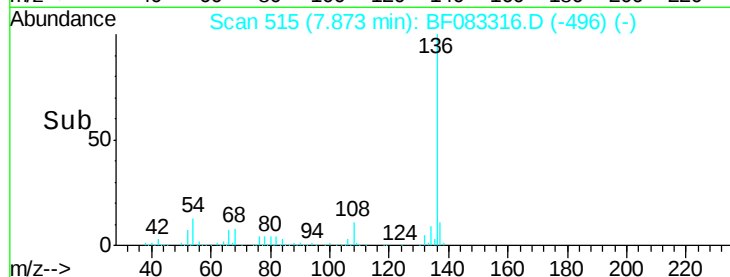


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.71 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

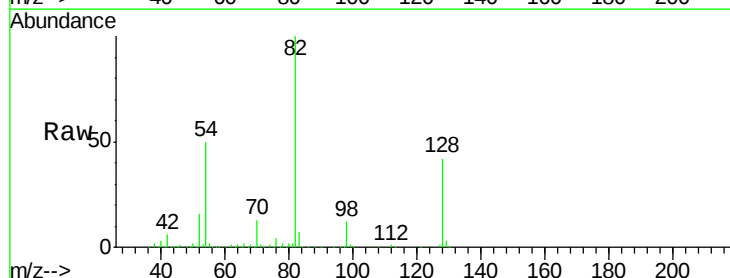
Tgt Ion: 82 Resp: 1153652

Ion Ratio Lower Upper

82 100

128 41.7 28.5 42.7

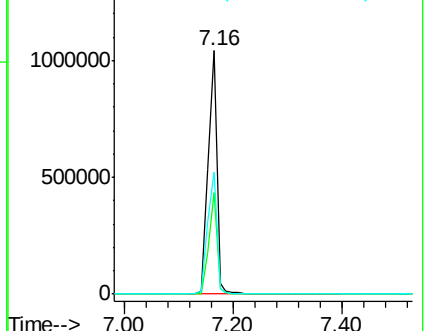
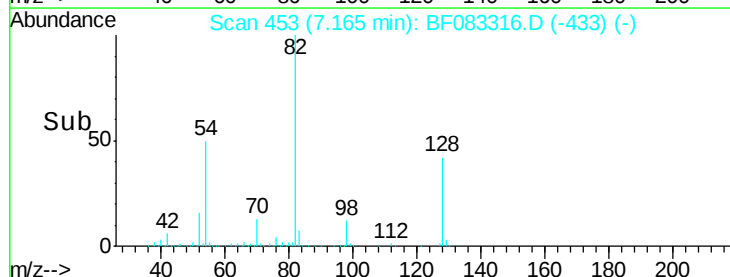
54 50.4 44.6 67.0

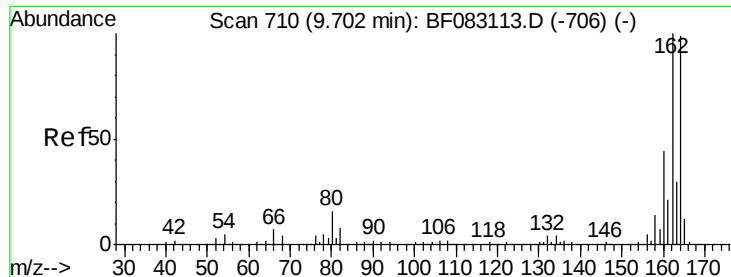


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

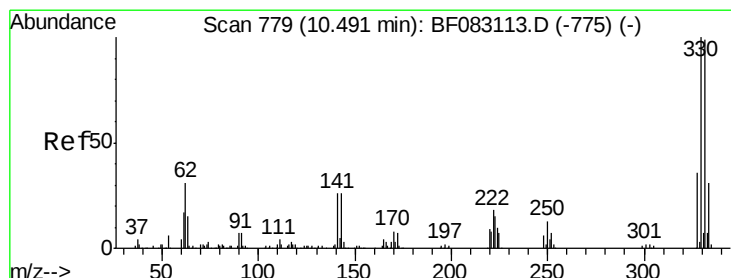
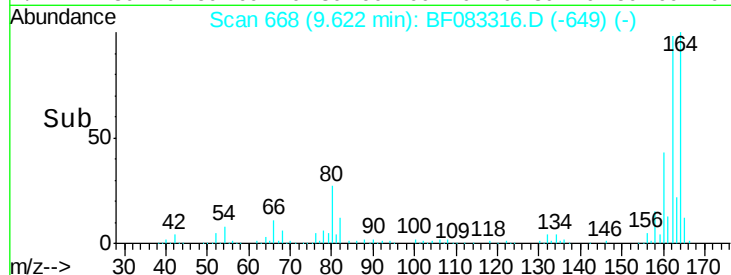
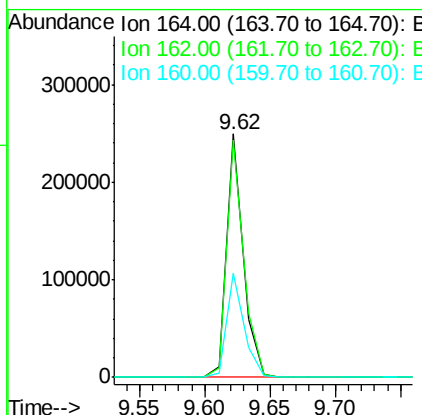
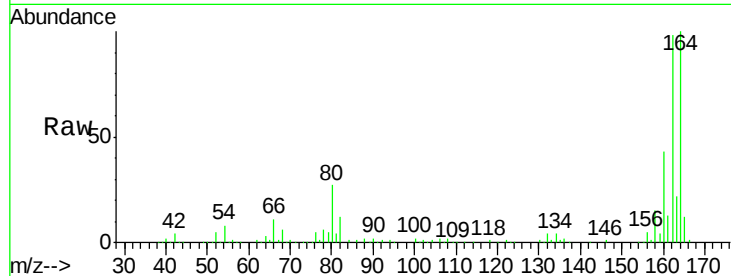




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

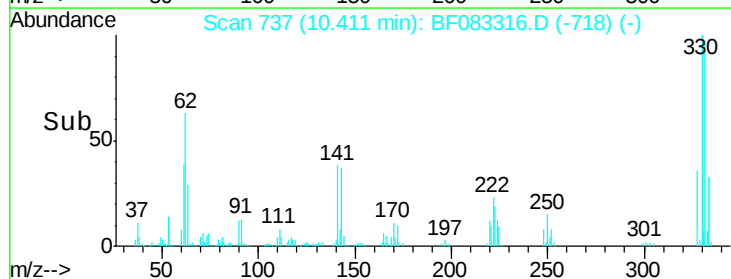
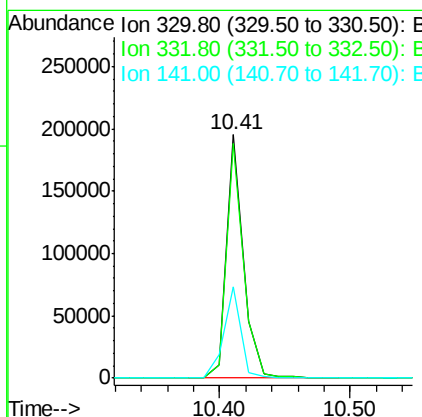
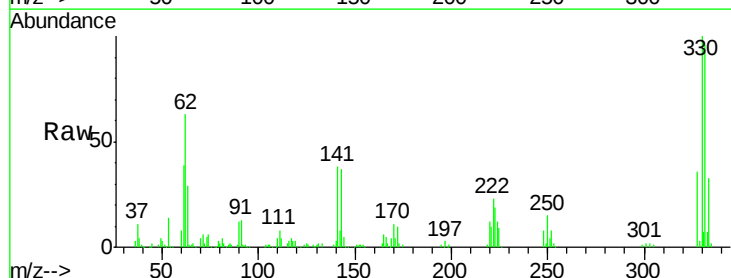
Instrument :
 BNA_F
 ClientSampleId :

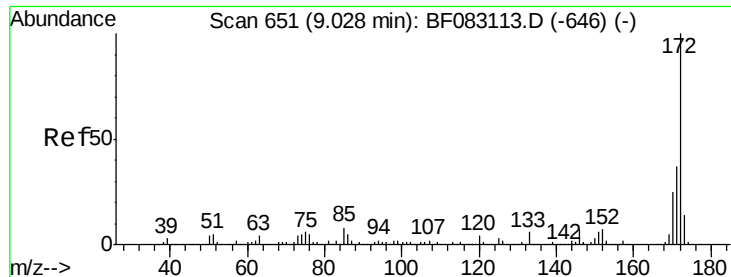
Tot Ion:164 Resp: 222399
 Ion Ratio Lower Upper
 164 100
 162 97.5 81.2 121.8
 160 42.8 35.6 53.4



#41
 2,4,6-Tribromophenol
 Concen: 77.98 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

Tgt Ion:330 Resp: 177427
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.7 116.5
 141 38.5 29.7 44.5



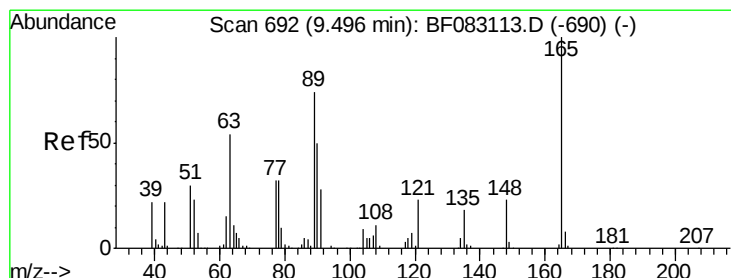
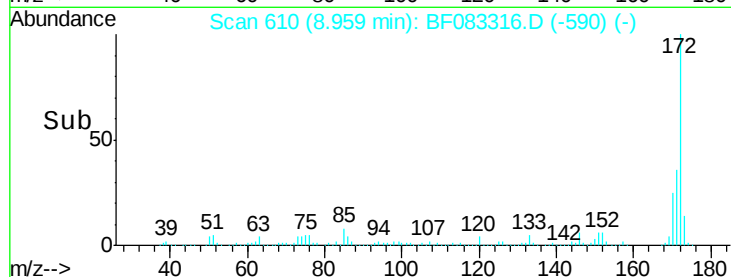
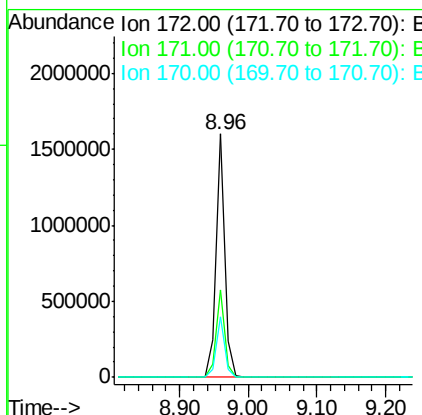
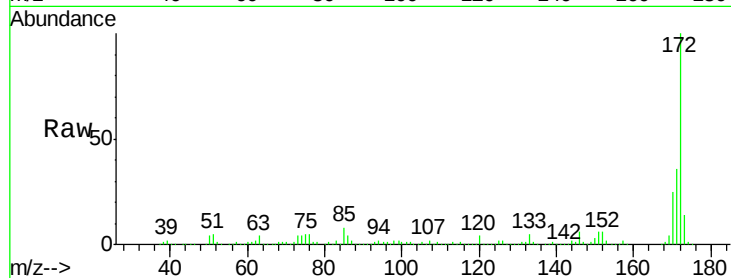


#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1454025

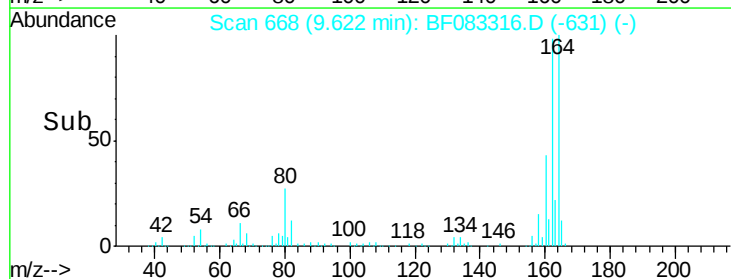
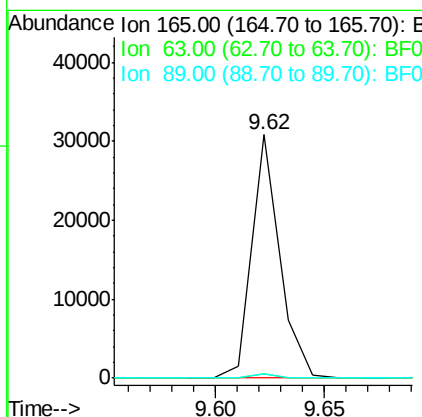
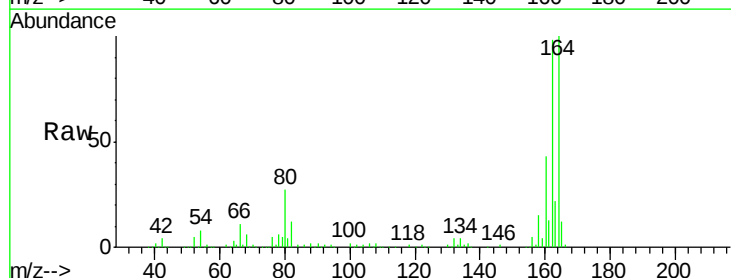
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	25.1	19.9	29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083316.D
 Acq: 26 Nov 2015 13:31

Tgt Ion:165 Resp: 27487

Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.5	93.7#
89	1.7	59.1	88.7#

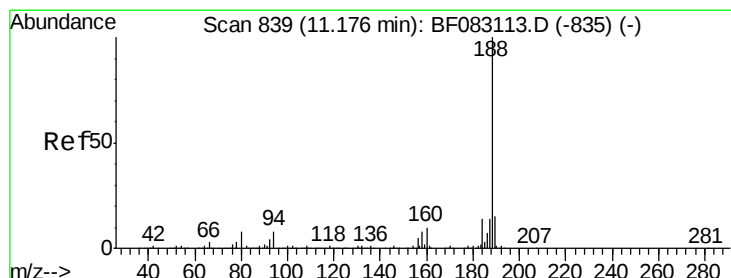
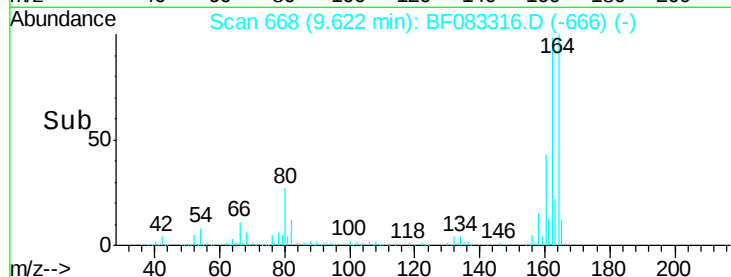
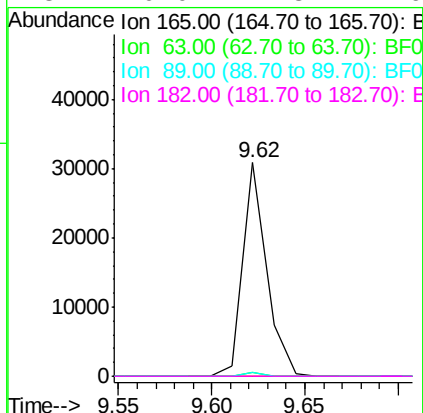
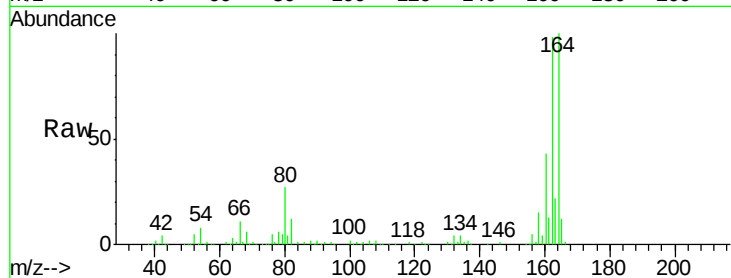




#56
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083316.D
Acq: 26 Nov 2015 13:31

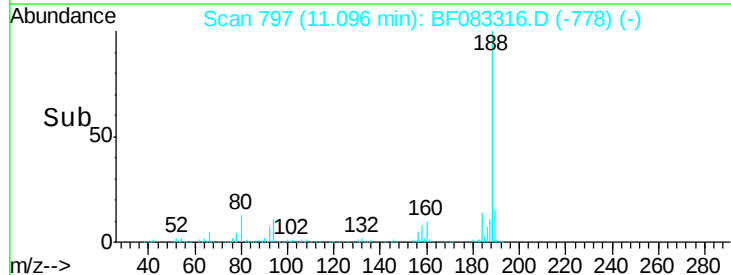
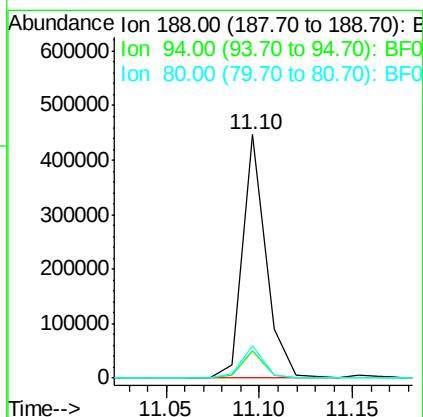
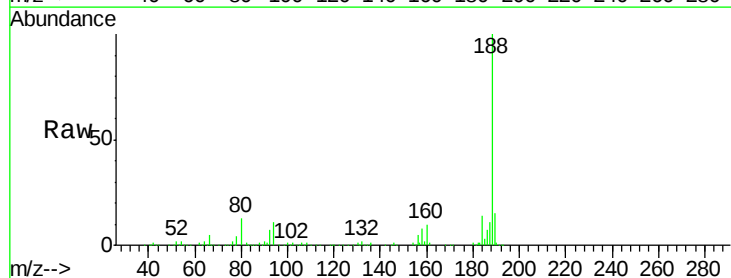
Instrument :
BNA_F
ClientSampleId :

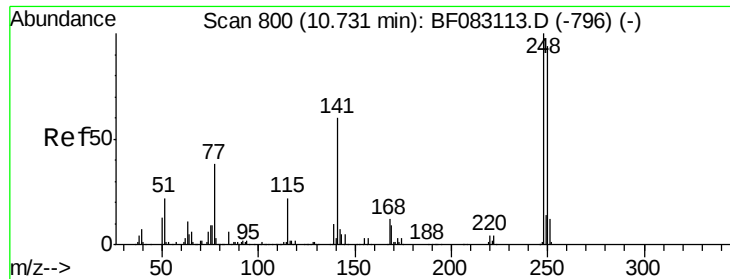
Tot Ion:165 Resp: 27488
Ion Ratio Lower Upper
165 100
63 1.8 54.5 81.7#
89 1.7 77.3 115.9#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083316.D
Acq: 26 Nov 2015 13:31

Tgt Ion:188 Resp: 390528
Ion Ratio Lower Upper
188 100
94 11.3 6.0 9.0#
80 13.1 6.7 10.1#





#66

4-Bromophenyl-phenylether

Concen: 2.99 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

Instrument :

BNA_F

ClientSampled :

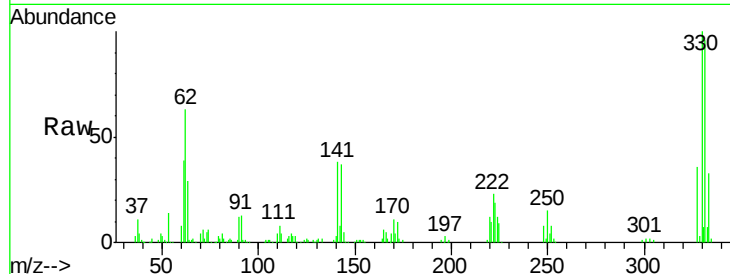
Tot Ion:248 Resp: 12962

Ion Ratio Lower Upper

248 100

250 194.0 75.4 113.2#

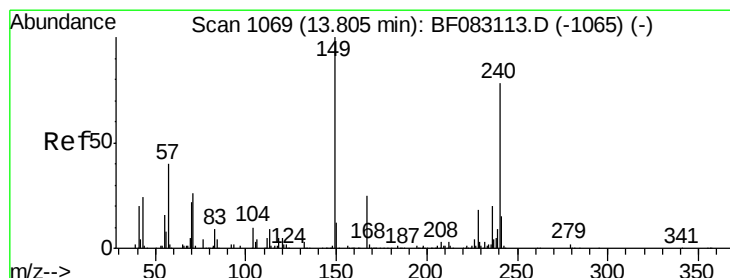
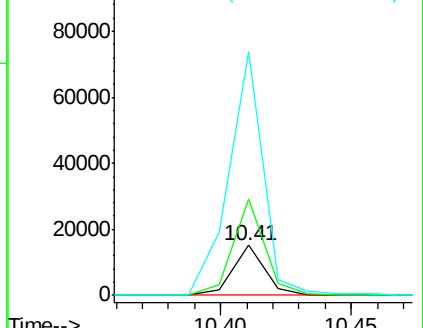
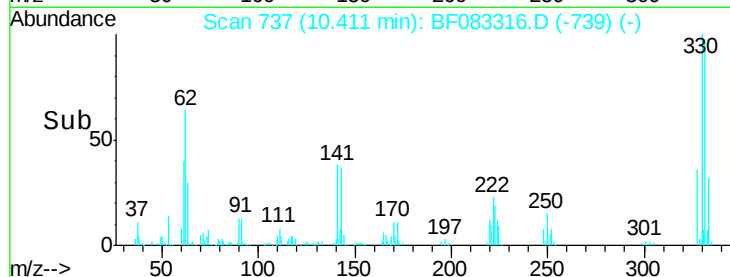
141 487.9 48.1 72.1#



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: BF083316.D

Acq: 26 Nov 2015 13:31

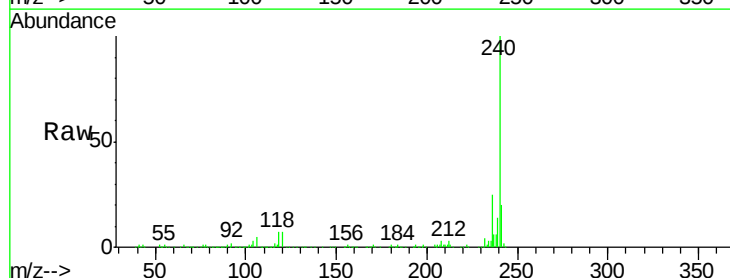
Tgt Ion:240 Resp: 422462

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

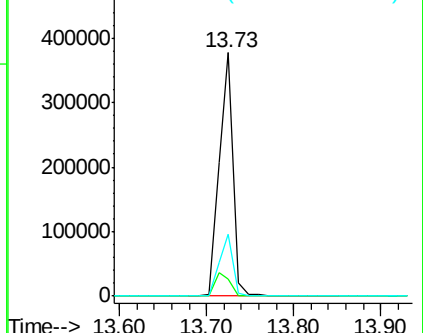
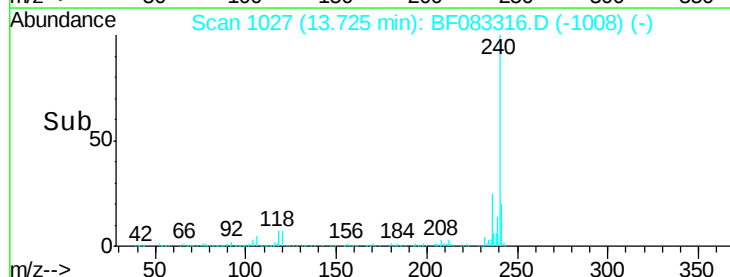
236 25.2 20.6 31.0

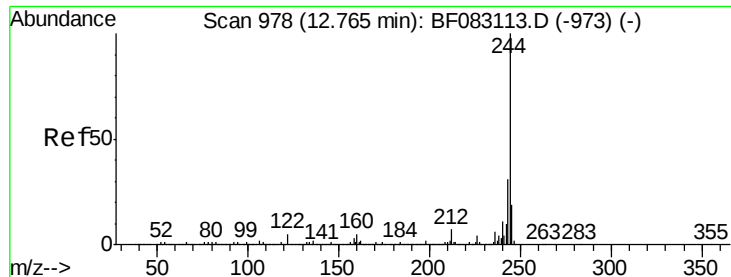


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.30 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

Instrument :

BNA_F

ClientSampleId :

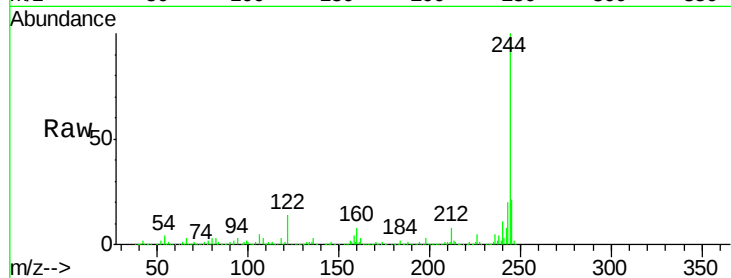
Tot Ion:244 Resp: 1315053

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

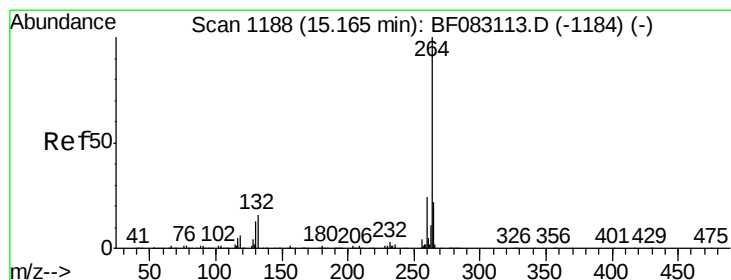
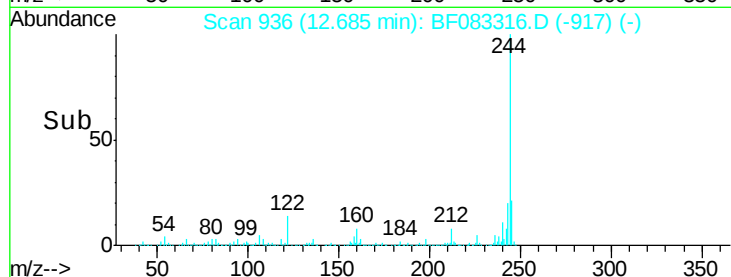
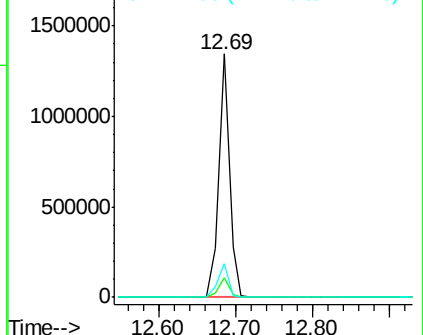
122 13.9 4.3 6.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083316.D

Acq: 26 Nov 2015 13:31

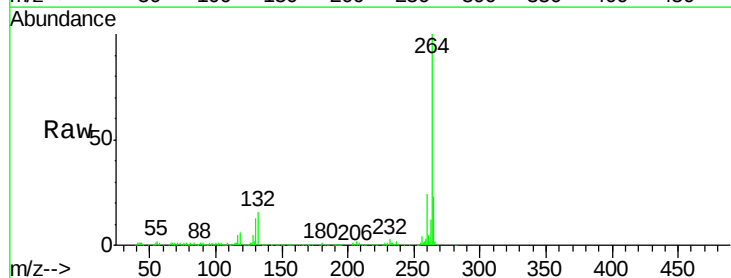
Tgt Ion:264 Resp: 316766

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.6 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

