

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083317.D
 Acq On : 26 Nov 2015 14:00
 Operator : UM/IZ
 Sample : G4539-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Quant Time: Nov 26 16:42:34 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	145883	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	515291	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	215284	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	400955	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	426629	20.00	ng	-0.08
86) Perylene-d12	15.07	264	312476	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	645259	66.87	ng	-0.09
7) Phenol-d6	6.25	99	543699	43.55	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1135168	100.66	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260009	118.05	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1466871	95.01	ng	-0.07
78) Terphenyl-d14	12.69	244	1300325	71.77	ng	-0.08

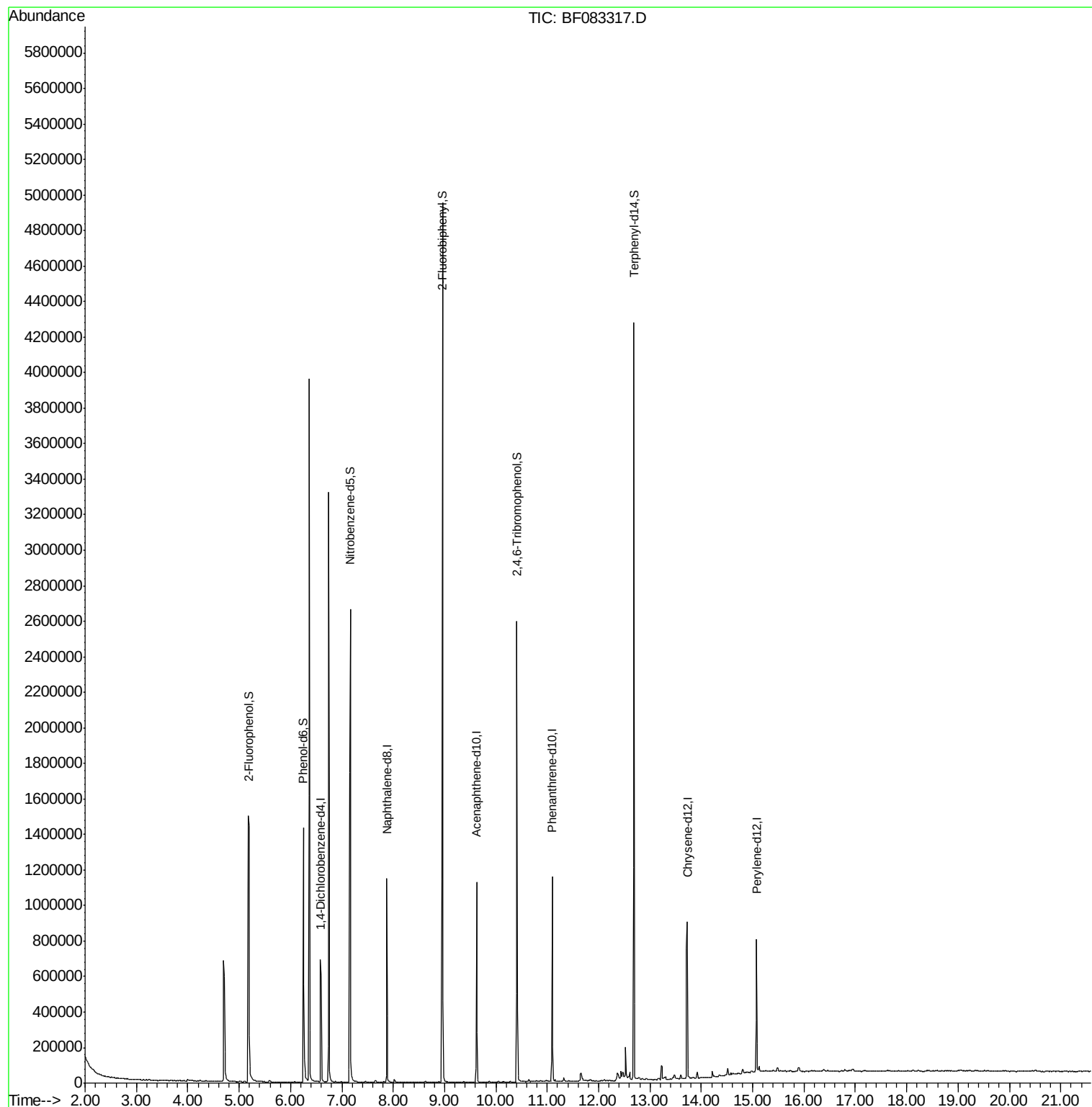
Target Compounds Qvalue

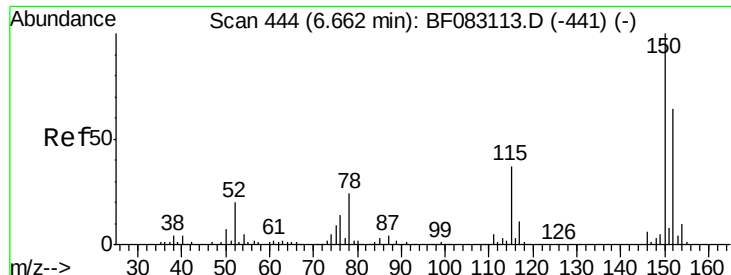
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

Instrument :

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ClientSampleId :

W-04

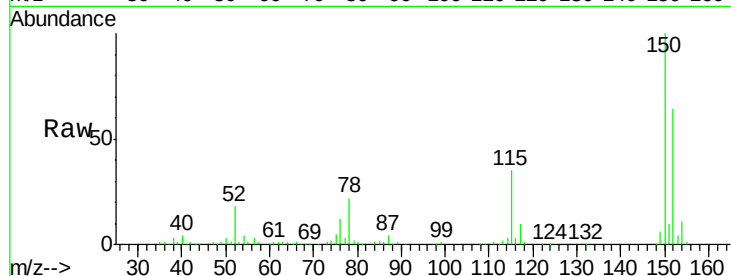
Tot Ion:152 Resp: 145883

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.8

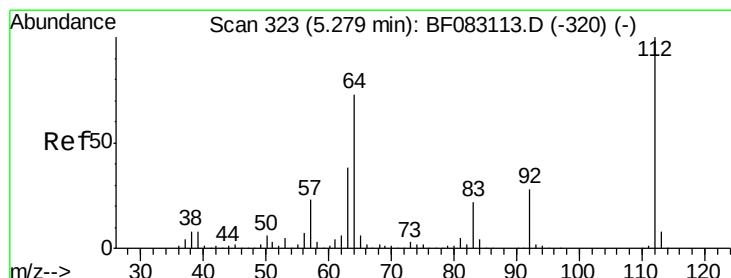
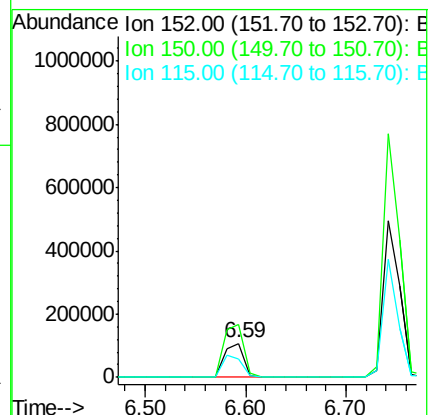
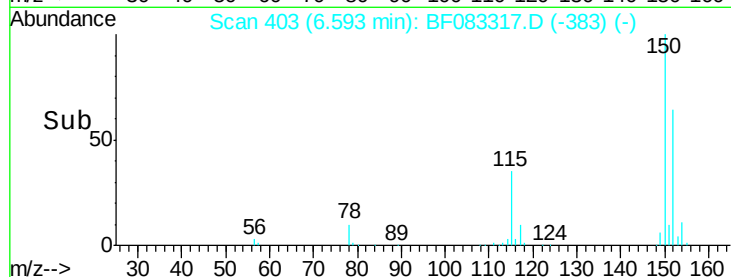
115 54.6 46.9 70.3



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: 66.87 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

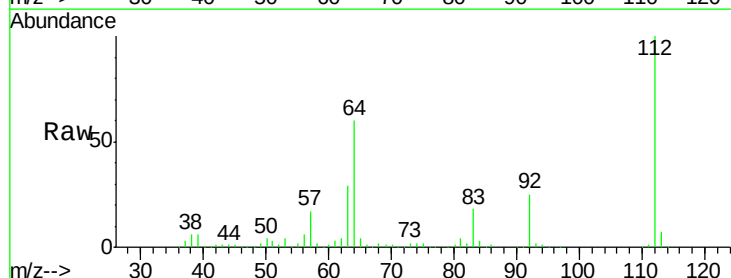
Tgt Ion:112 Resp: 645259

Ion Ratio Lower Upper

112 100

64 59.5 58.4 87.6

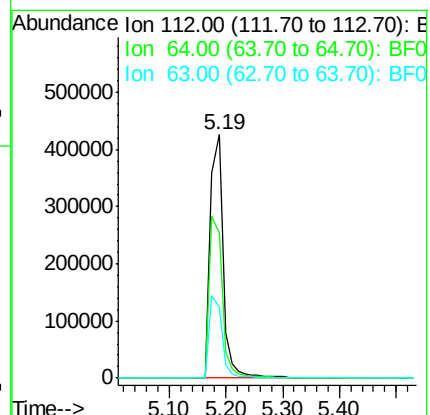
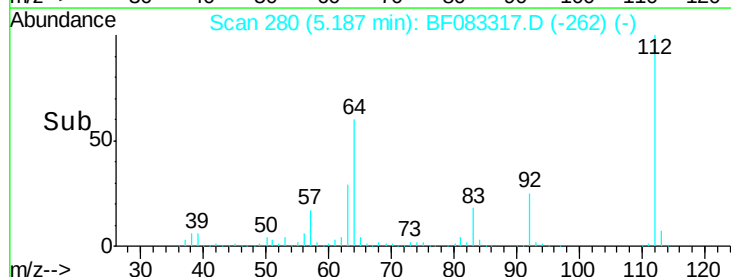
63 29.3 30.0 45.0#

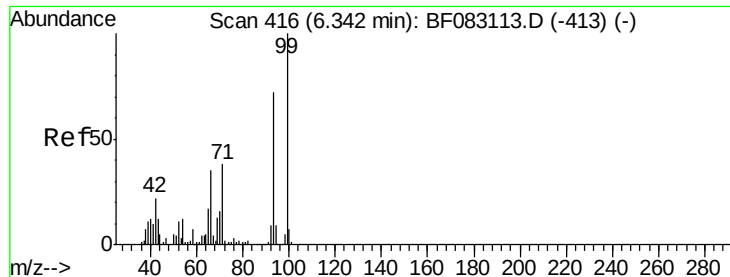


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

Instrument :

BNA_F

ClientSampleId :

W-04

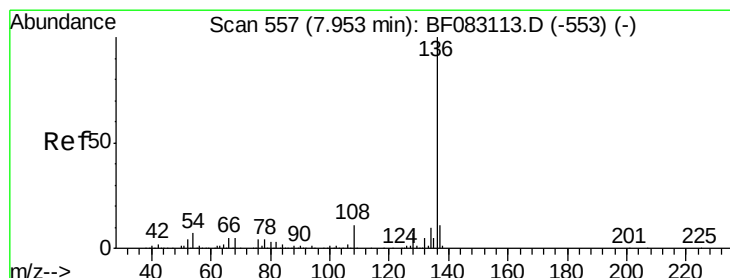
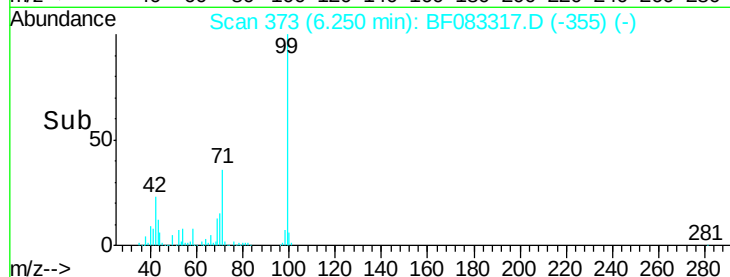
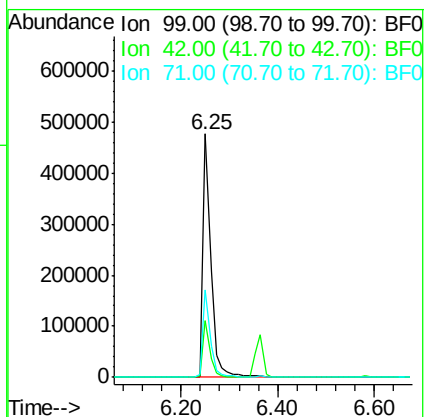
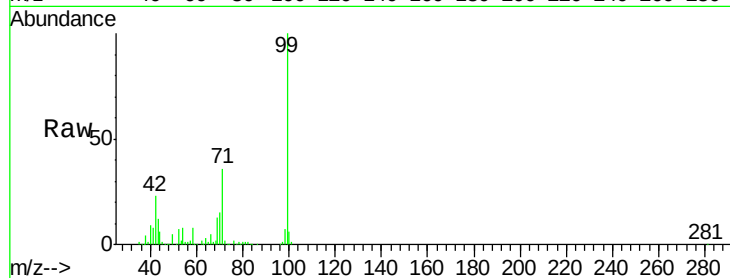
Tot Ion: 99 Resp: 543699

Ion Ratio Lower Upper

99 100

42 23.2 17.7 26.5

71 35.8 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

Tgt Ion: 136 Resp: 515291

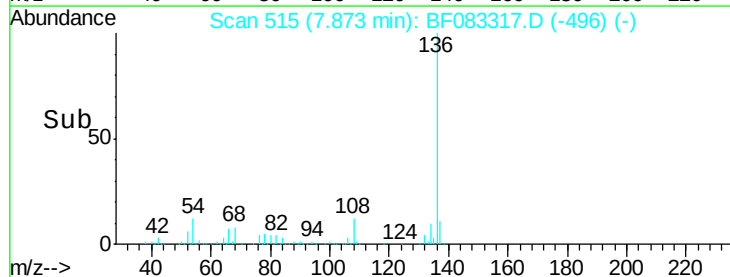
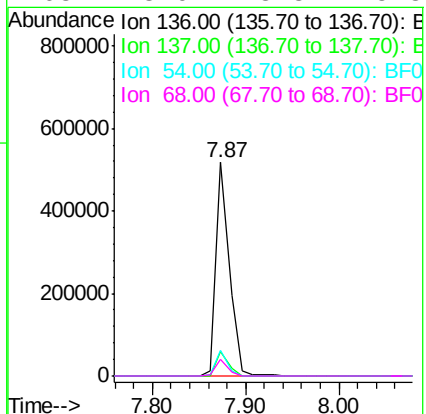
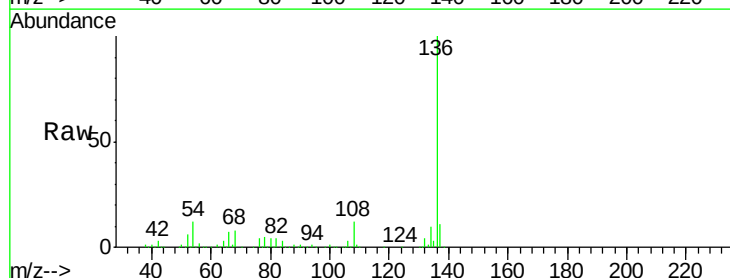
Ion Ratio Lower Upper

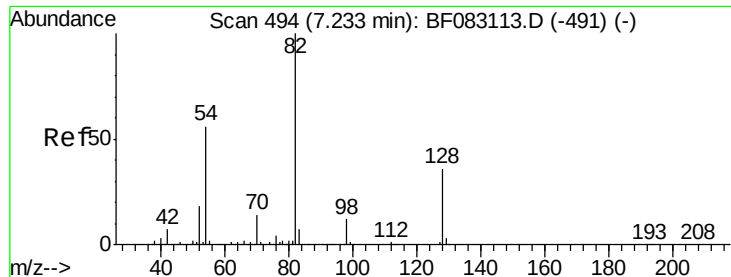
136 100

137 11.2 8.7 13.1

54 12.2 5.8 8.6#

68 8.0 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 100.66 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083317.D

Acq: 26 Nov 2015 14:00

Instrument :

BNA_F

ClientSampleId :

W-04

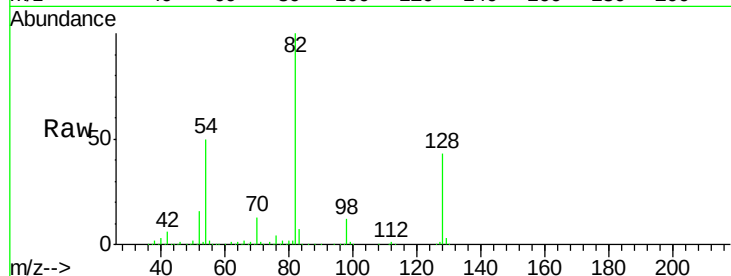
Tot Ion: 82 Resp: 1135168

Ion Ratio Lower Upper

82 100

128 43.2 28.5 42.7#

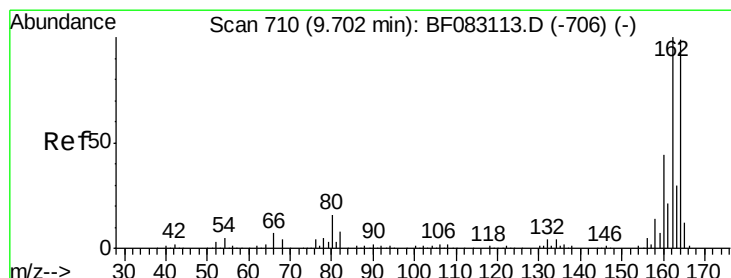
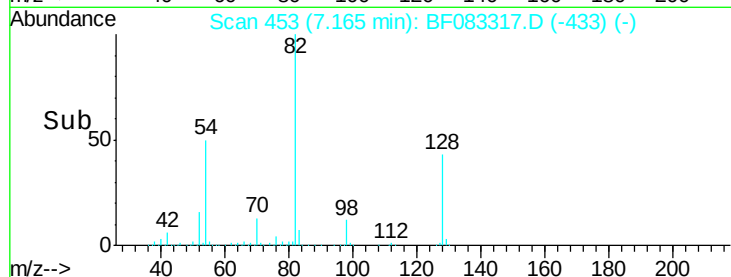
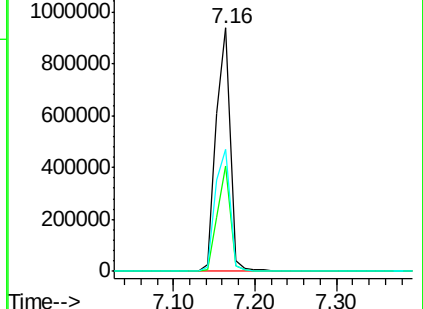
54 49.9 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF083317.D

Acq: 26 Nov 2015 14:00

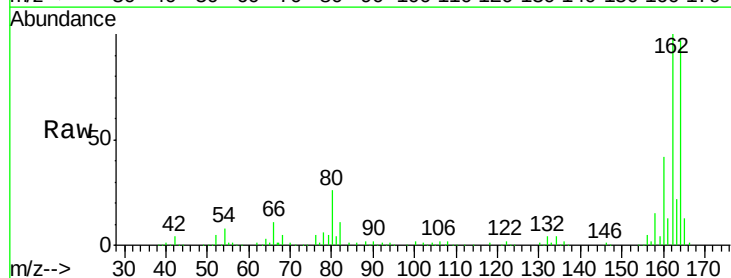
Tgt Ion:164 Resp: 215284

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

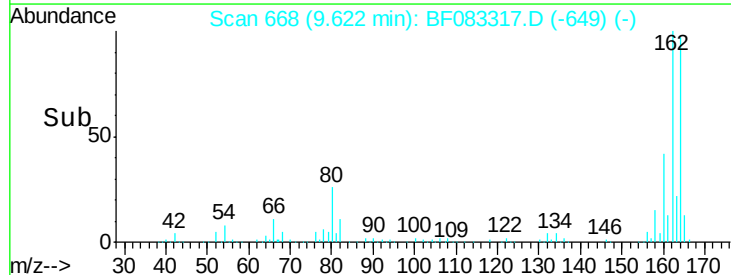
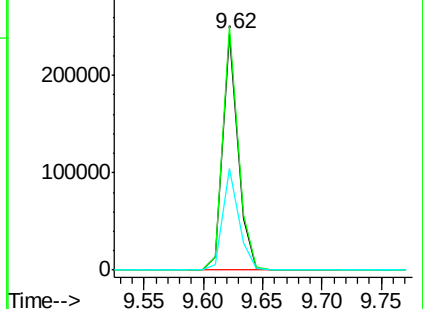
160 43.2 35.6 53.4

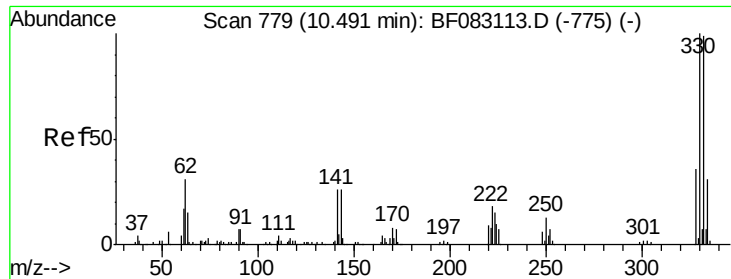


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

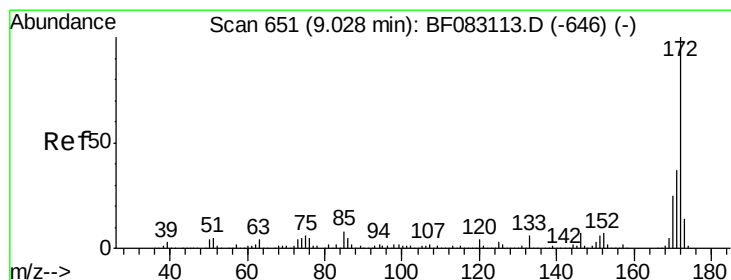
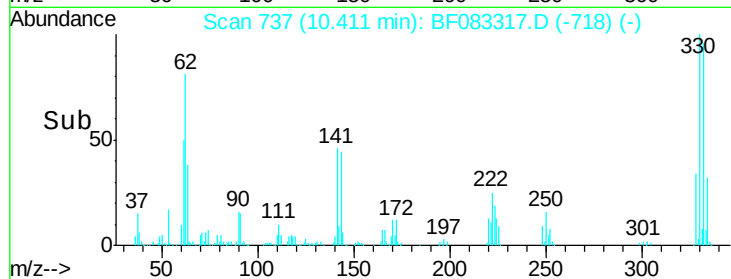
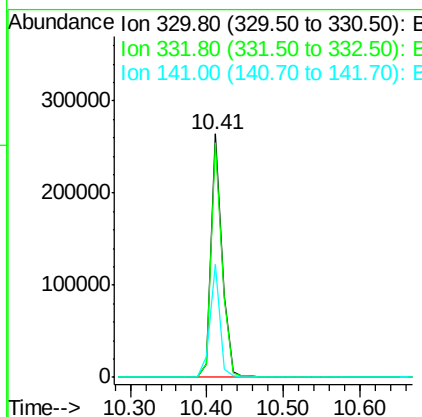
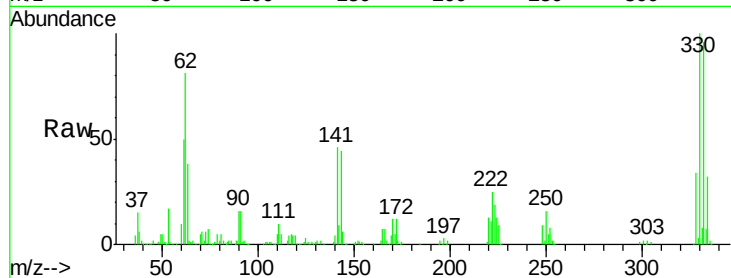




#41
 2,4,6-Tribromophenol
 Concen: 118.05 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

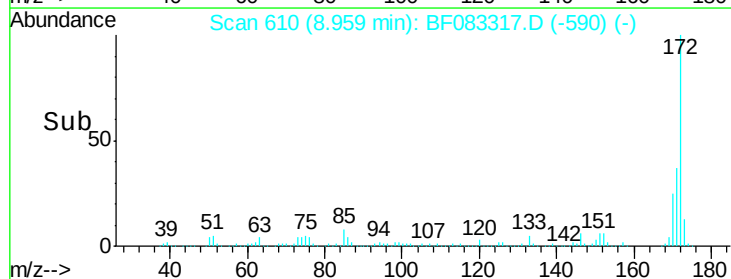
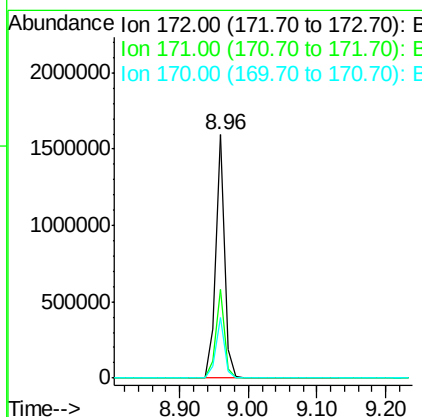
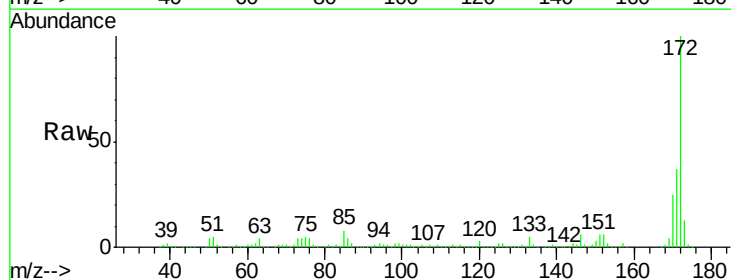
Instrument :
 BNA_F
 ClientSampleId :
 W-04

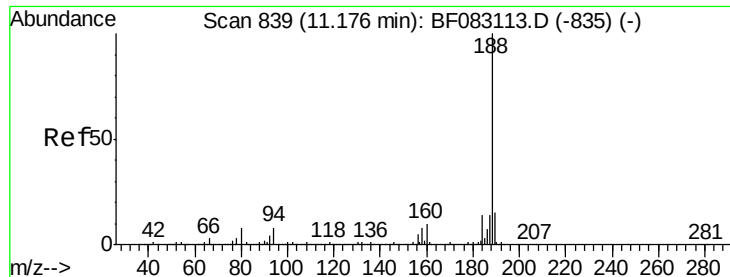
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	41.8	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	24.9	19.9	29.9

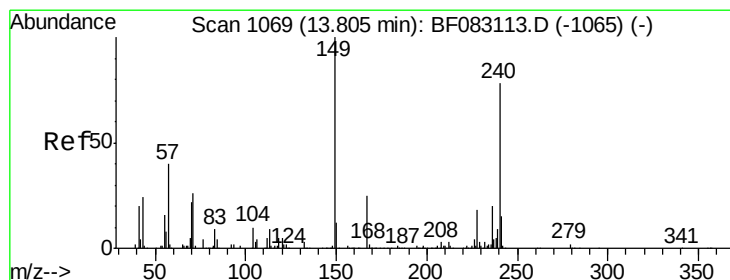
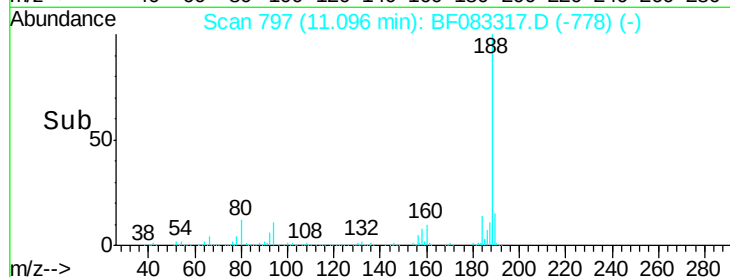
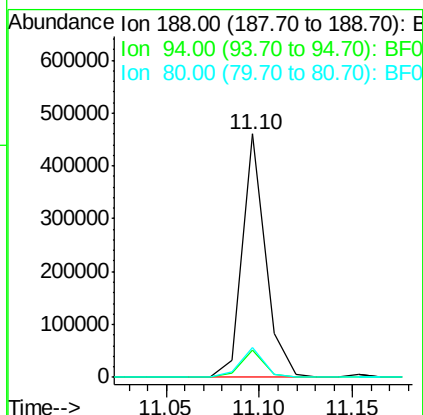
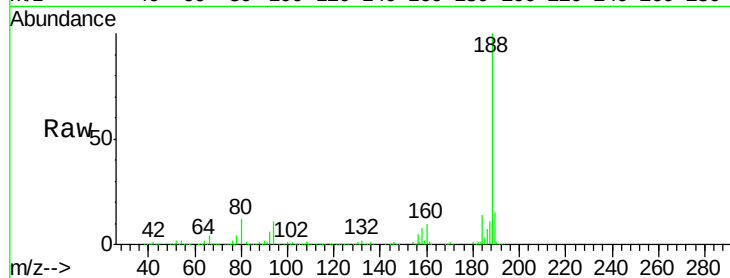




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

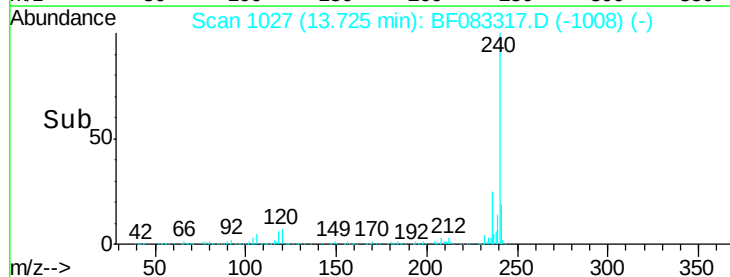
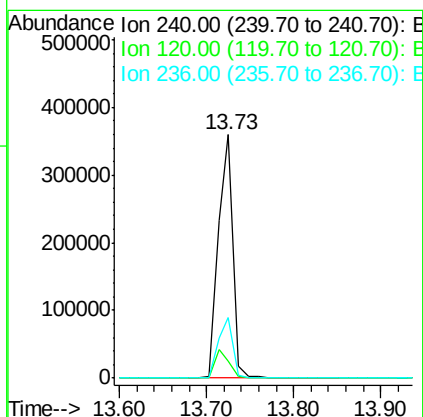
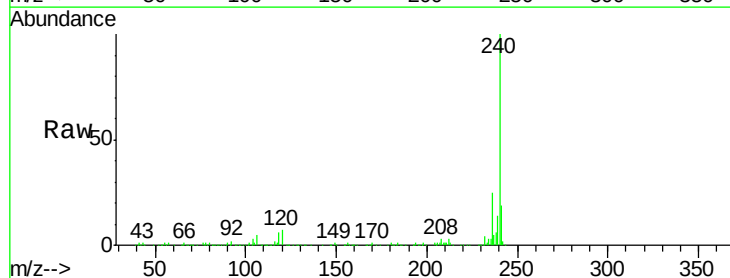
Instrument :
BNA_F
ClientSampleId :
W-04

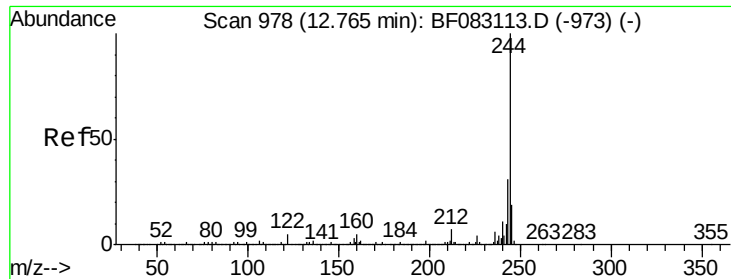
Tot Ion:188 Resp: 400955
Ion Ratio Lower Upper
188 100
94 11.0 6.0 9.0#
80 12.4 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083317.D
Acq: 26 Nov 2015 14:00

Tgt Ion:240 Resp: 426629
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.2
236 25.1 20.6 31.0

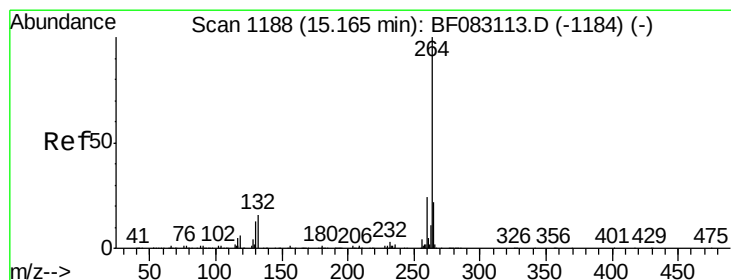
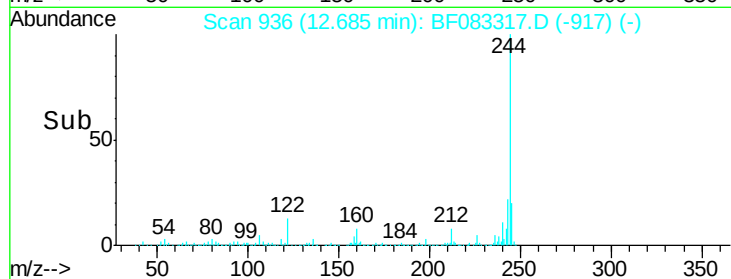
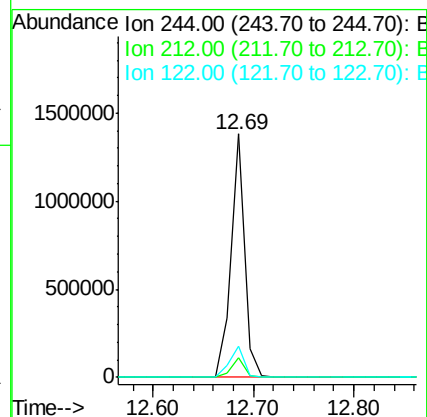
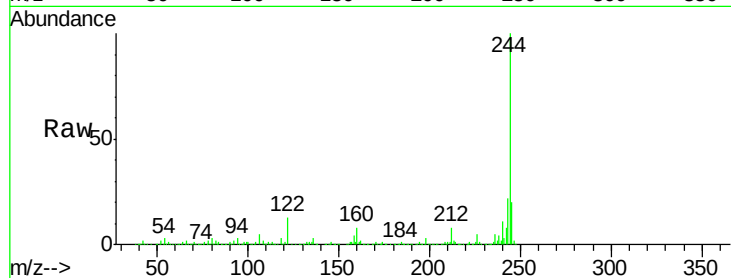




#78
 Terphenyl-d14
 Concen: 71.77 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083317.D
 Acq: 26 Nov 2015 14:00

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion:244 Resp: 1300325
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 12.6 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: BF083317.D
 Acq: 26 Nov 2015 14:00

Tgt Ion:264 Resp: 312476
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.8 18.2 27.4

