

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083096.D
 Acq On : 21 Nov 2015 1:06
 Operator : UM/IZ
 Sample : G4488-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111815-A263-E-D-M

Quant Time: Nov 21 01:32:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

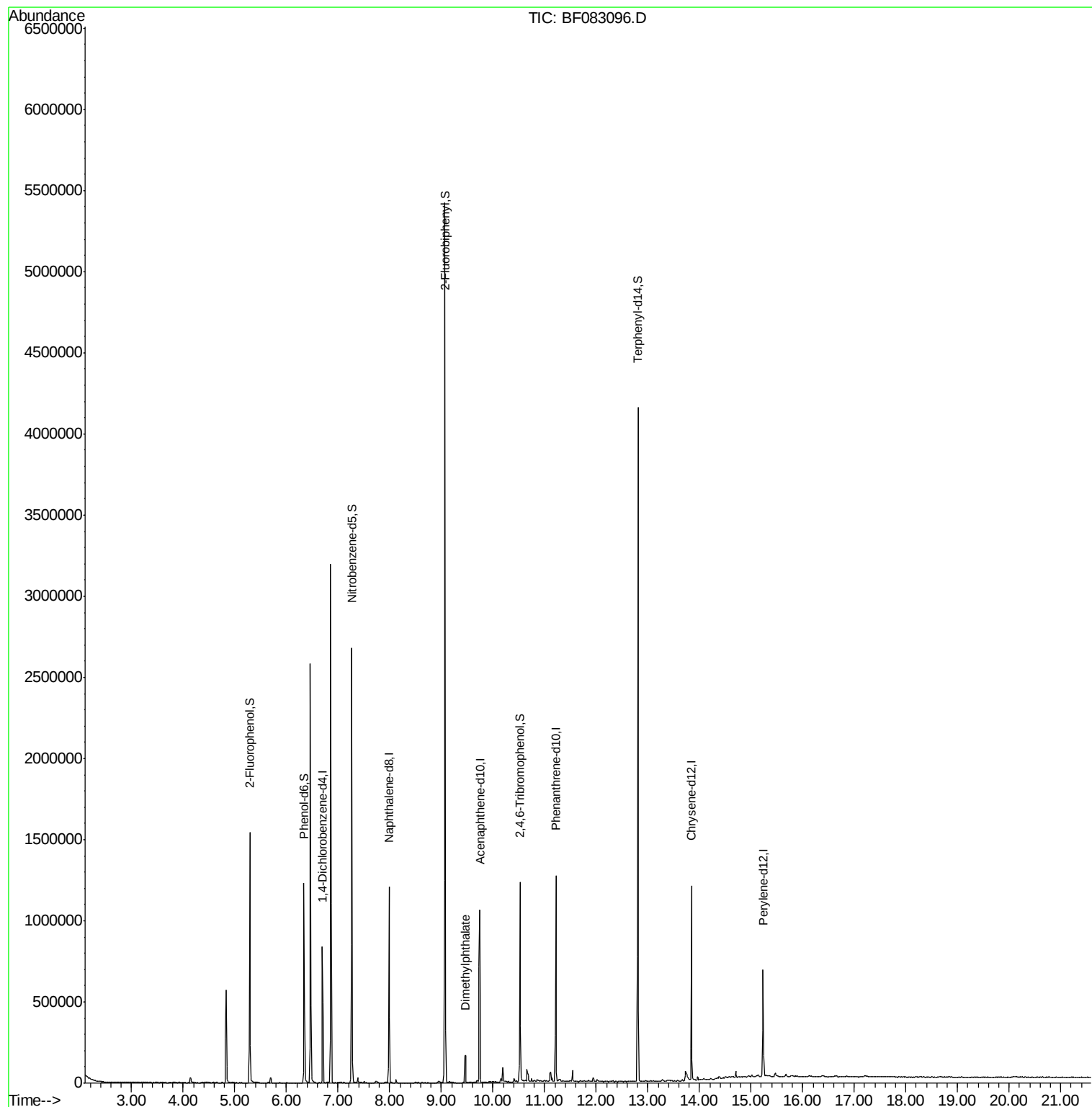
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151228	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	564374	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	271252	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	451214	20.00	ng	0.00
75) Chrysene-d12	13.85	240	397399	20.00	ng	-0.01
86) Perylene-d12	15.23	264	294981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	398068	40.88	ng	0.00
7) Phenol-d6	6.34	99	332873	25.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	904975	73.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	134460	46.69	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1552046	77.06	ng	-0.01
78) Terphenyl-d14	12.81	244	1180248	70.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	109024	4.88	ng	97

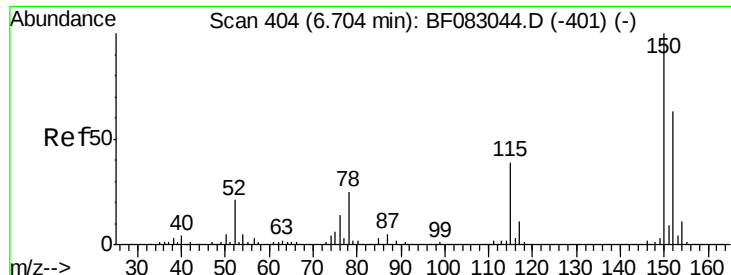
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

111815-A263-E-D-M

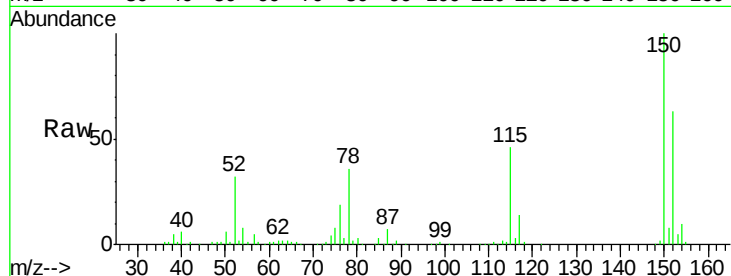
Tot Ion:152 Resp: 151228

Ion Ratio Lower Upper

152 100

150 159.0 126.4 189.6

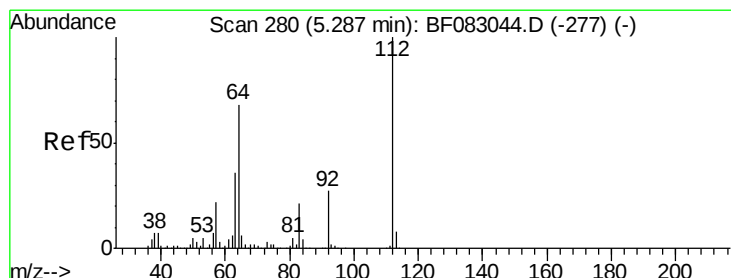
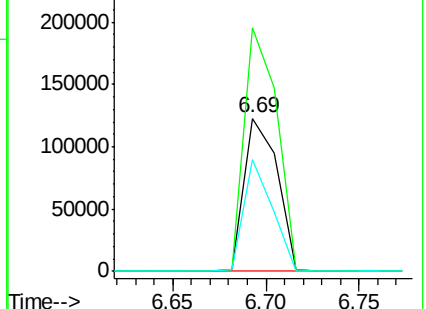
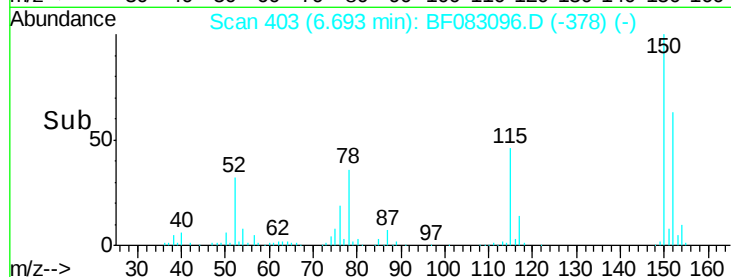
115 72.8 49.0 73.6



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: 40.88 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

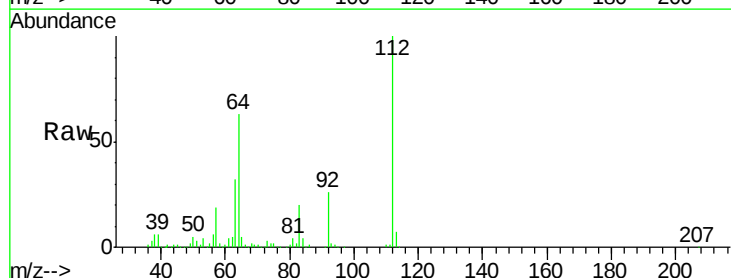
Tgt Ion:112 Resp: 398068

Ion Ratio Lower Upper

112 100

64 62.7 54.8 82.2

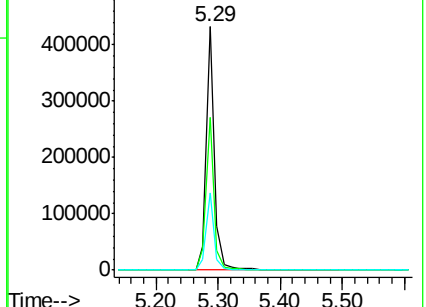
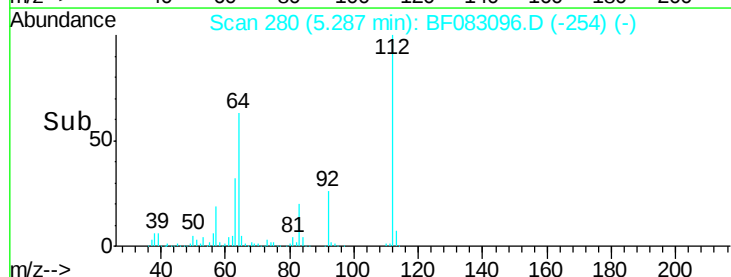
63 31.6 29.0 43.4

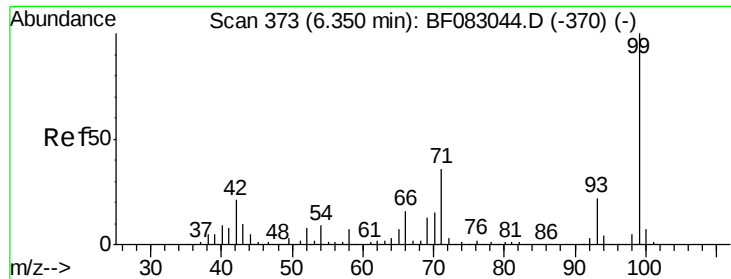


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.96 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

111815-A263-E-D-M

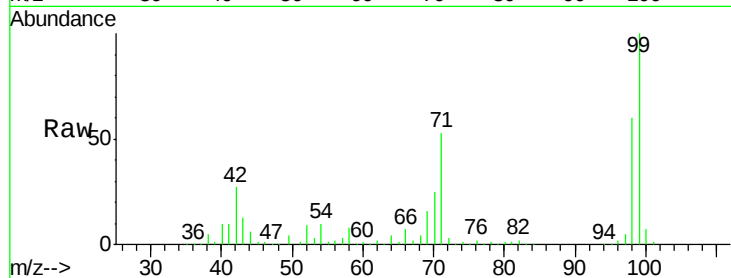
Tot Ion: 99 Resp: 332873

Ion Ratio Lower Upper

99 100

42 27.4 16.6 25.0#

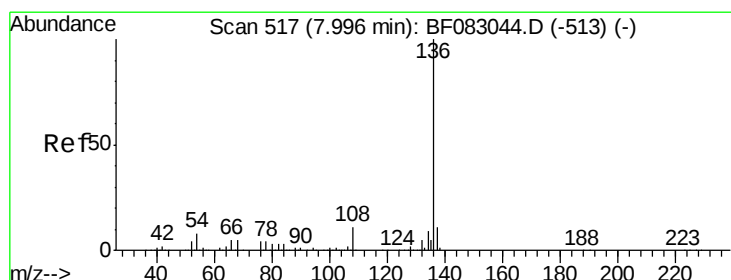
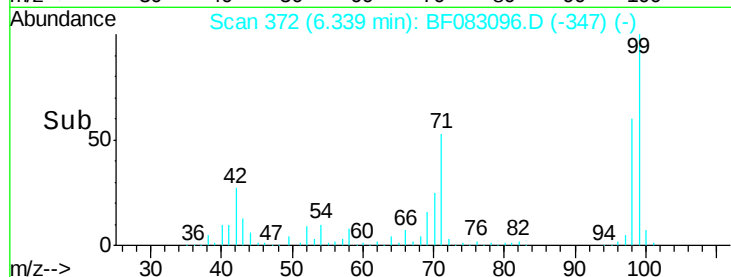
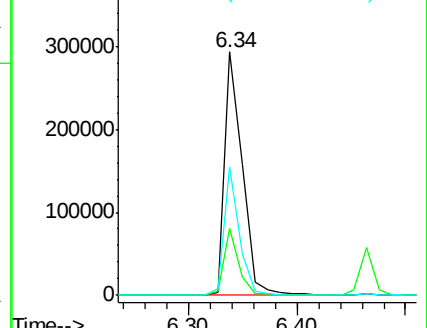
71 52.8 29.2 43.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Tgt Ion: 136 Resp: 564374

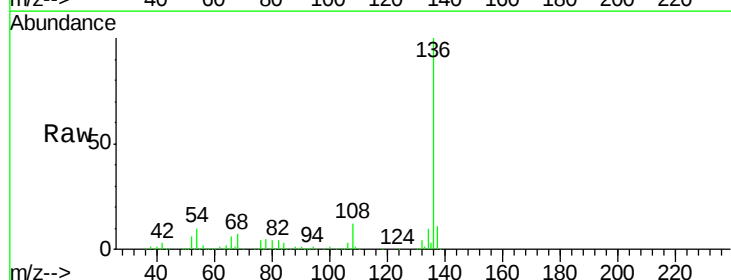
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 10.1 6.2 9.2#

68 6.7 4.2 6.2#

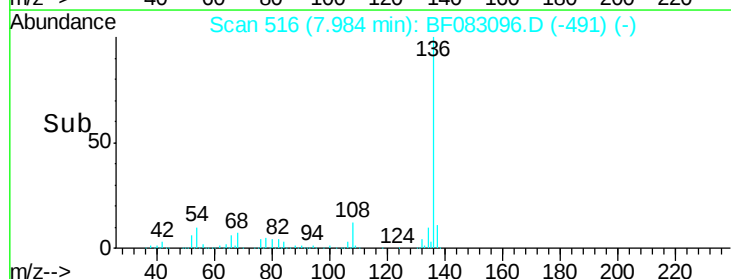
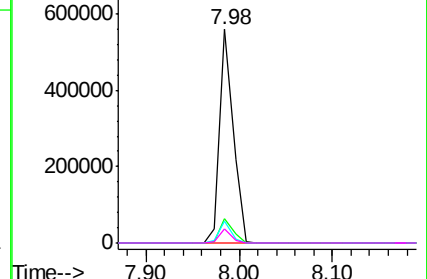


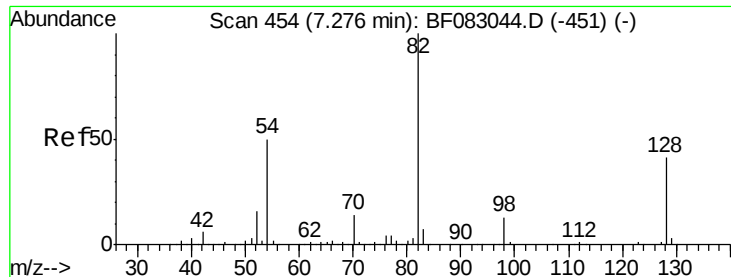
Abundance Ion 136.00 (135.70 to 136.70): E

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

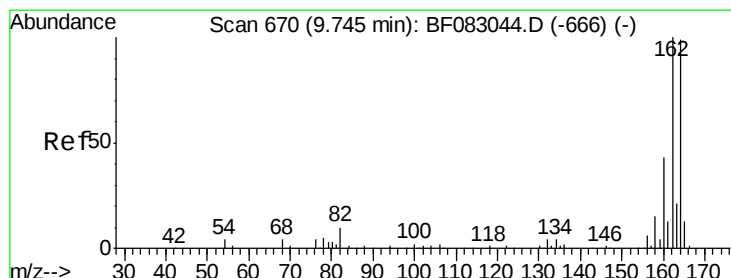
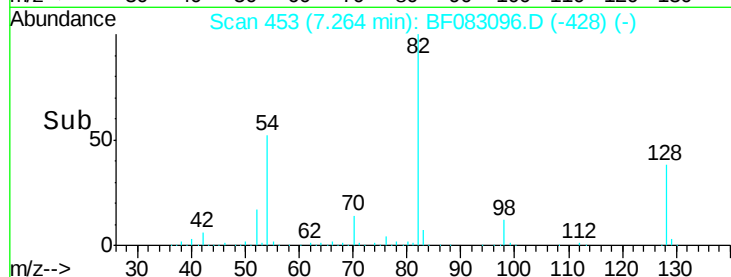
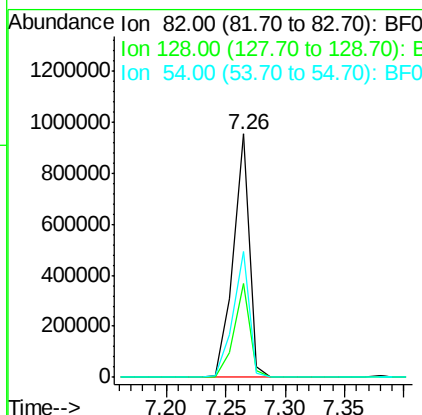
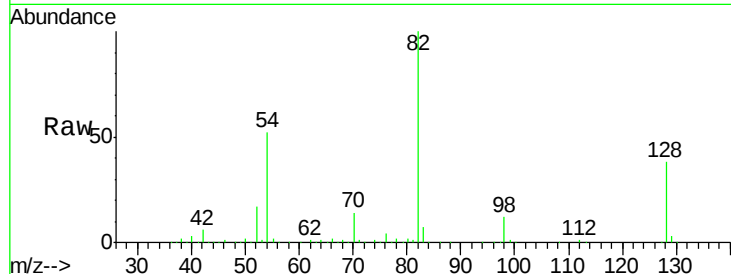




#23
 Nitrobenzene-d5
 Concen: 73.41 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

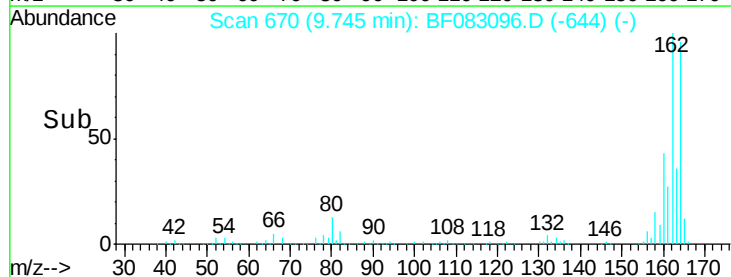
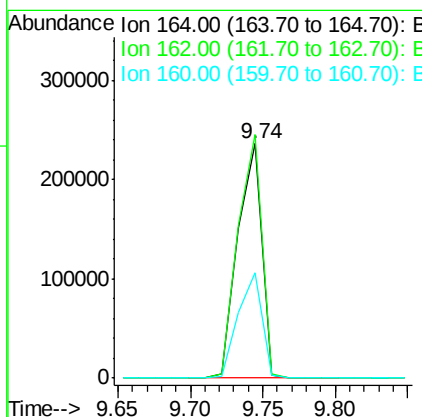
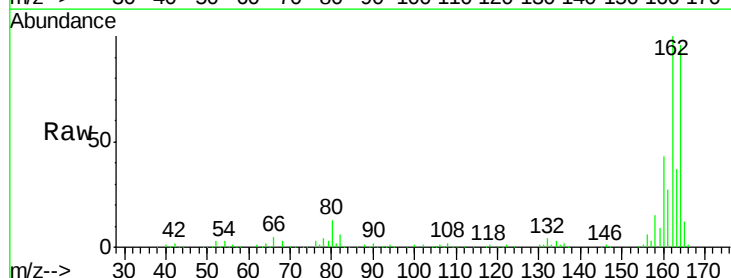
Instrument :
 BNA_F
 ClientSampleId :
 111815-A263-E-D-M

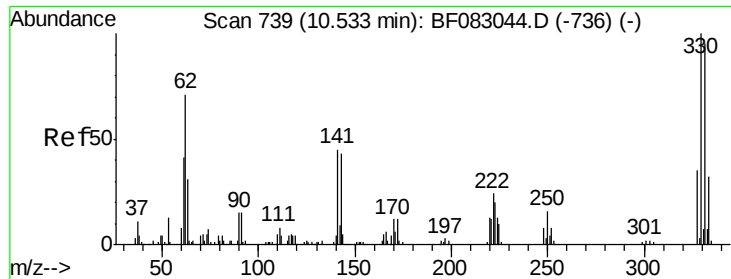
Tot Ion	82	Resp	904975
Ion Ratio	100	Lower	Upper
128	38.3	33.1	49.7
54	51.7	39.8	59.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Tgt Ion	164	Resp	271252
Ion Ratio	100	Lower	Upper
162	104.0	80.5	120.7
160	45.0	35.0	52.4

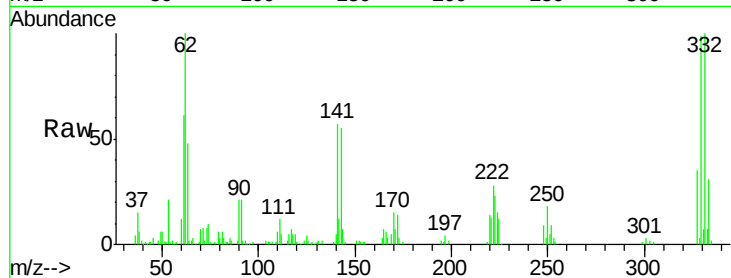




#41
 2,4,6-Tribromophenol
 Concen: 46.69 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 111815-A263-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.6	116.4
141	39.7	34.6	52.0

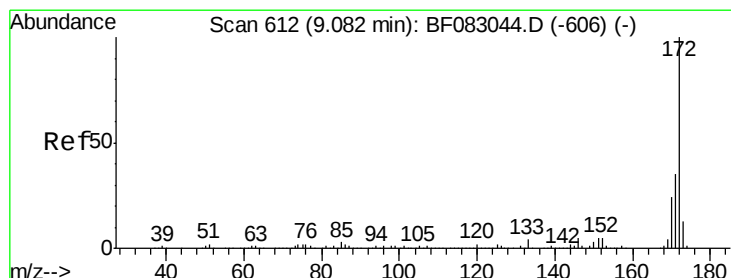
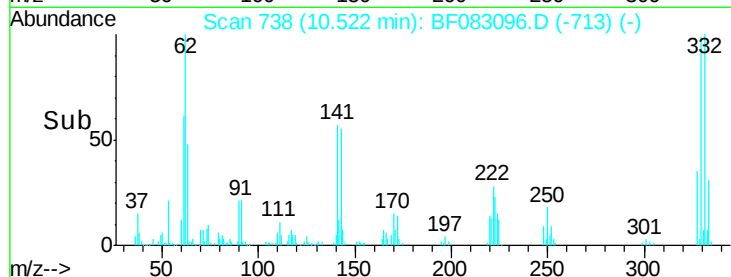
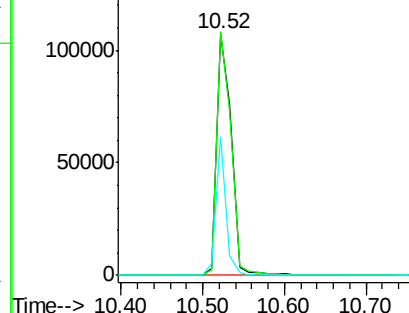


Abundance

Ion 329.80 (329.50 to 330.50): E

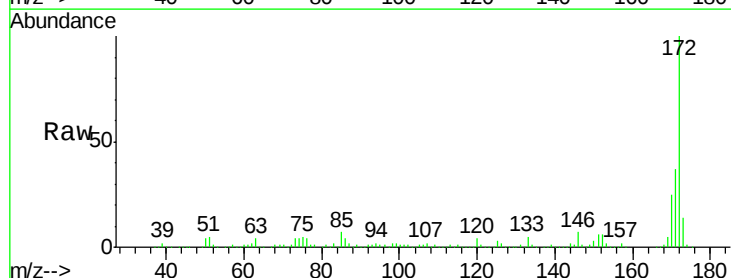
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.06 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	25.4	19.4	29.0

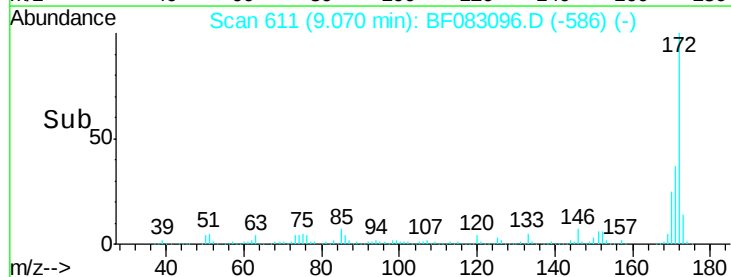
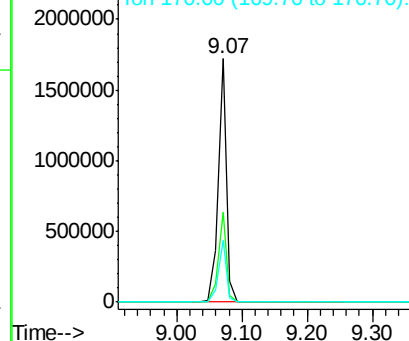


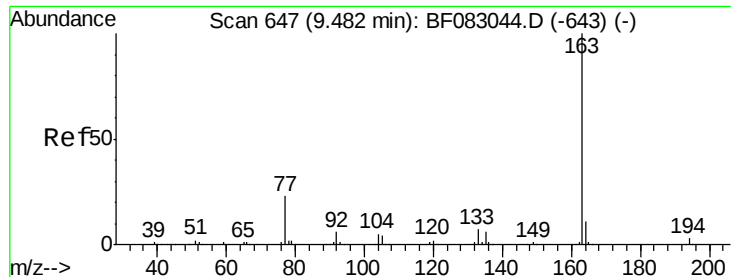
Abundance

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





#49

Dimethylphthalate

Concen: 4.88 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

111815-A263-E-D-M

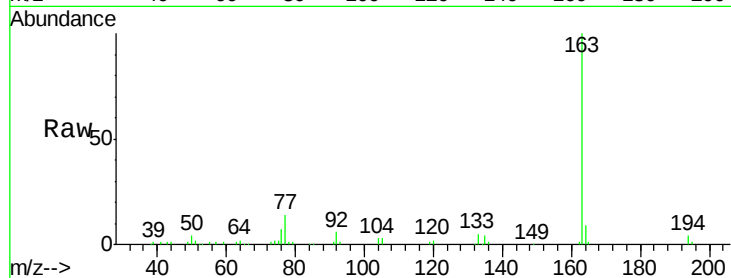
Tot Ion:163 Resp: 109024

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

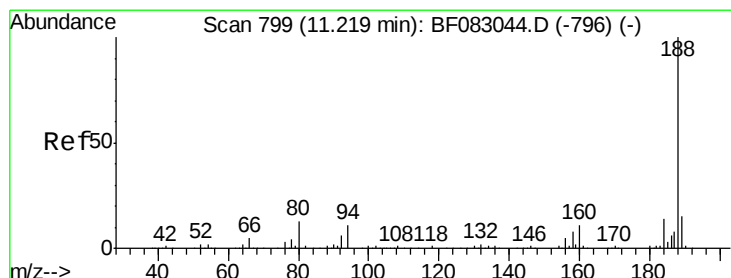
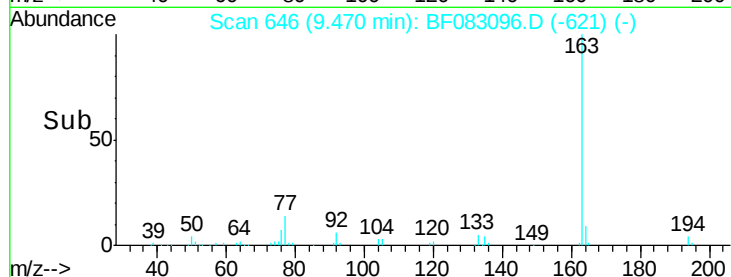
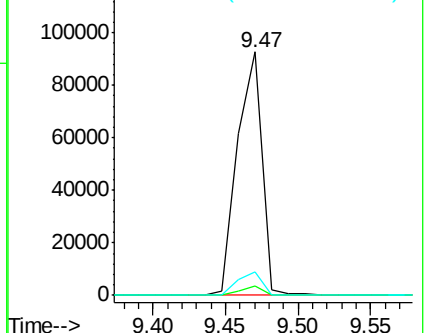
164 9.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

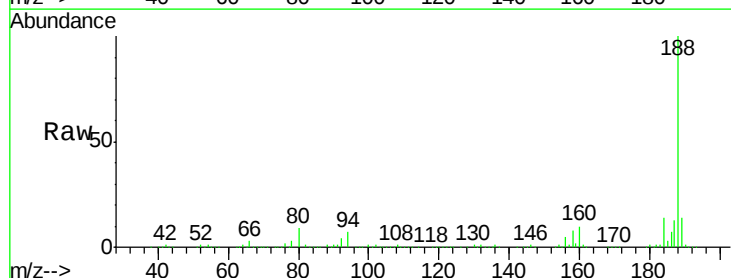
Tgt Ion:188 Resp: 451214

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.4#

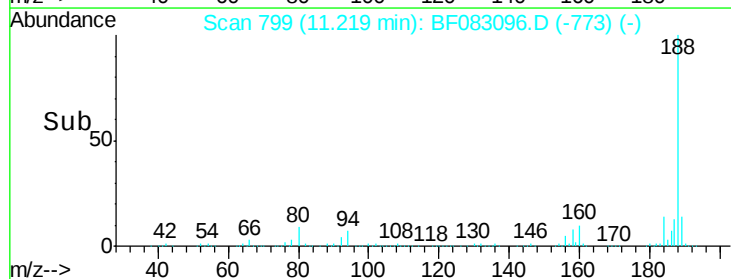
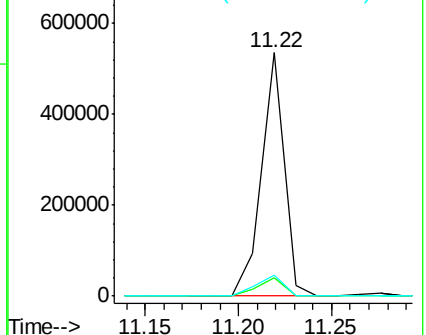
80 8.6 10.2 15.4#

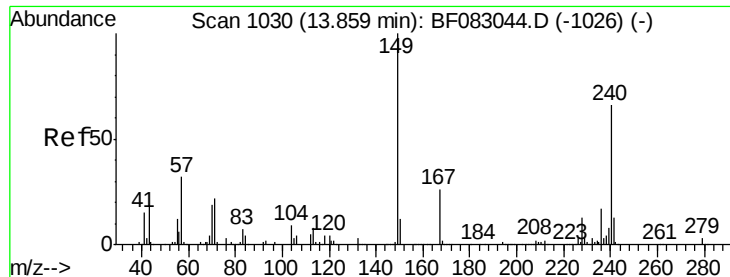


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

Instrument :

BNA_F

ClientSampleId :

111815-A263-E-D-M

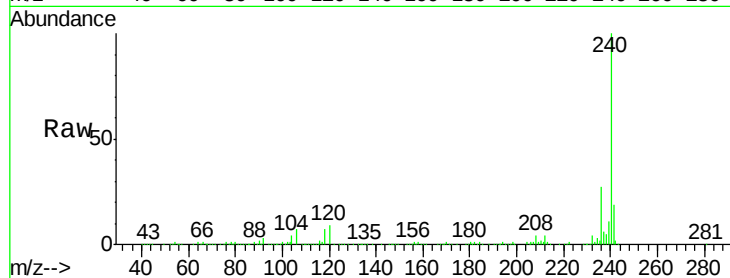
Tot Ion:240 Resp: 397399

Ion Ratio Lower Upper

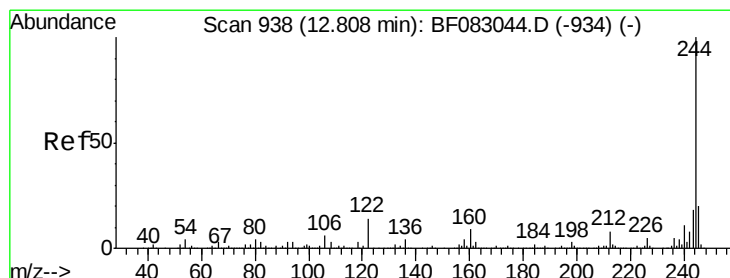
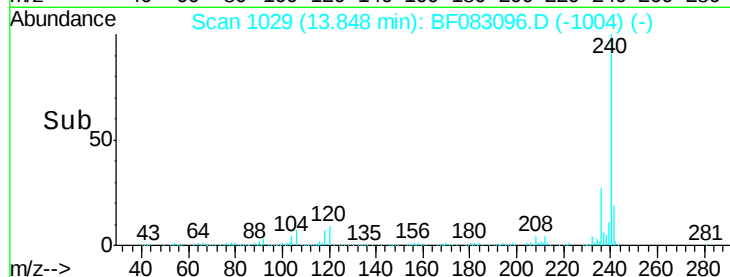
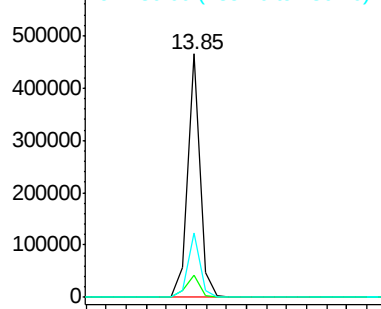
240 100

120 8.9 5.3 7.9#

236 26.7 20.4 30.6



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: 70.11 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083096.D

Acq: 21 Nov 2015 1:06

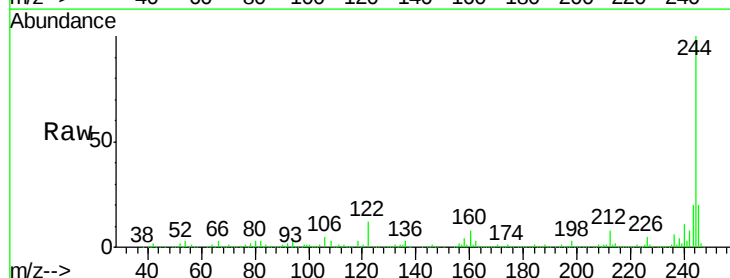
Tgt Ion:244 Resp: 1180248

Ion Ratio Lower Upper

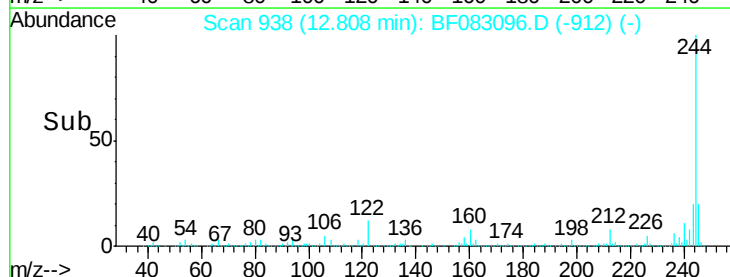
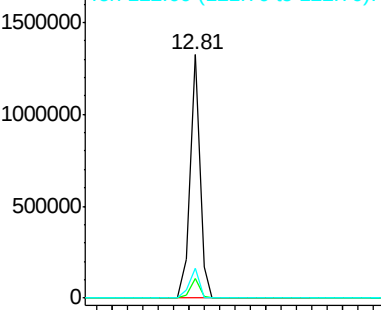
244 100

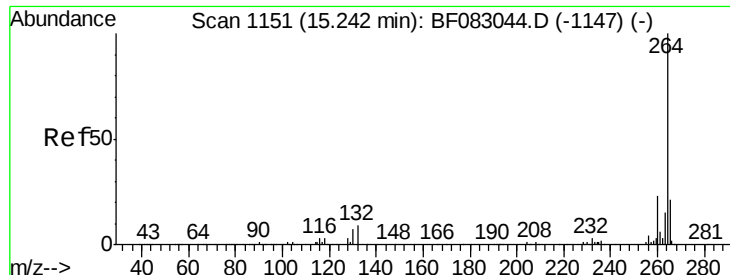
212 8.2 6.4 9.6

122 12.4 10.9 16.3



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

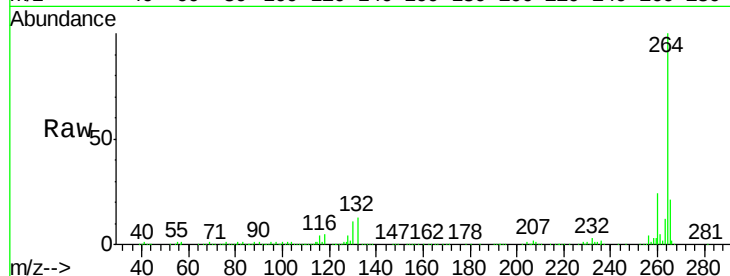




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083096.D
 Acq: 21 Nov 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 111815-A263-E-D-M

Tot Ion:	264	Resp:	294981
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.2	17.0	25.6



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

