

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083120.D
 Acq On : 21 Nov 2015 19:33
 Operator : UM/IZ
 Sample : PB86793BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BL

Quant Time: Nov 22 09:30:54 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	6.65	152	192364	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	732271	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	378721	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	690326	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	664822	20.00	ng	-0.01
86) Perylene-d12	15.15	264	580965	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1252004	98.40	ng	0.00
7) Phenol-d6	6.33	99	1795503	109.06	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1012380	63.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	363420	93.80	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1768253	65.11	ng	0.00
78) Terphenyl-d14	12.75	244	1766856	62.58	ng	-0.01

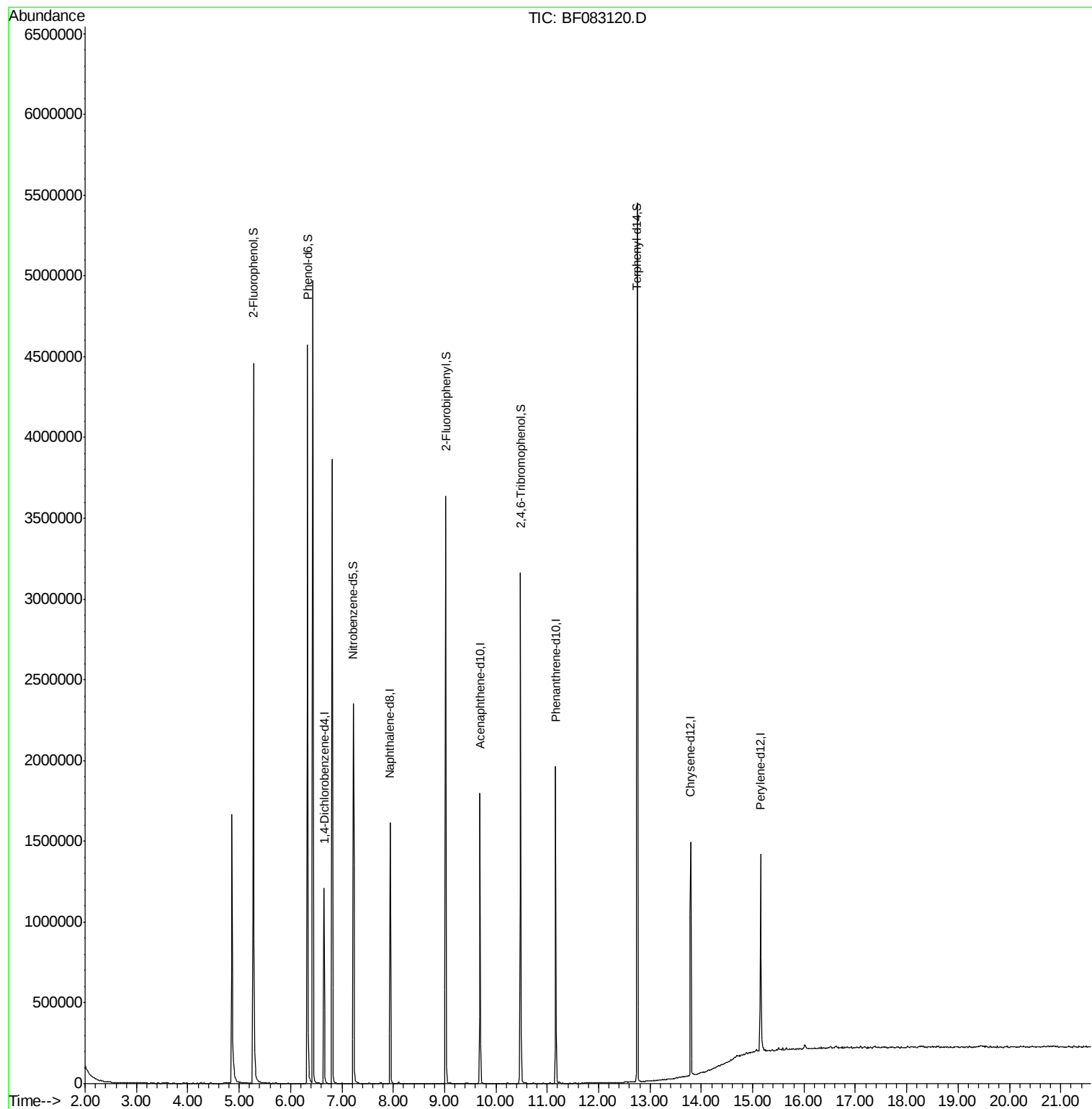
Target Compounds Qvalue

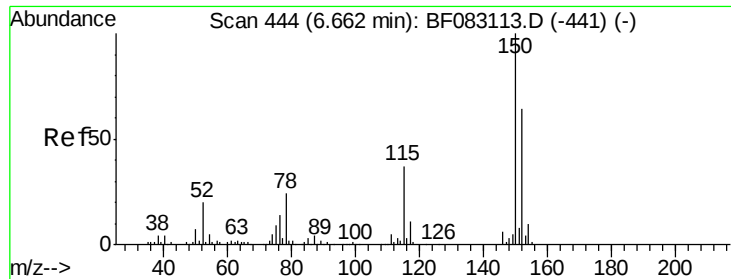
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB86793BL

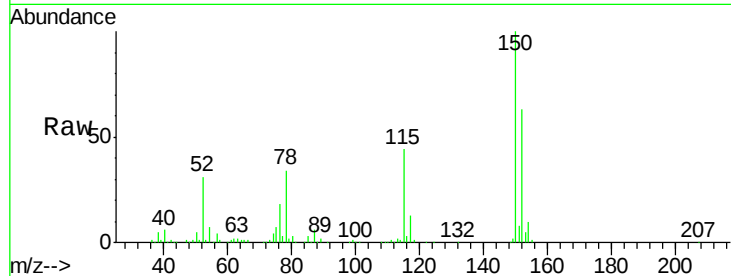
Tot Ion:152 Resp: 192364

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.8

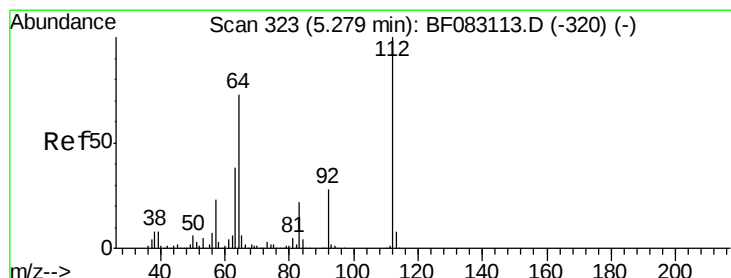
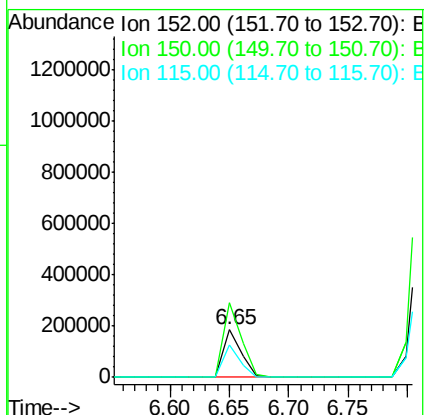
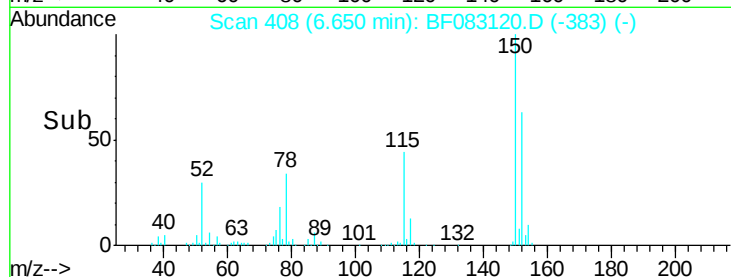
115 68.9 46.9 70.3



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: 98.40 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

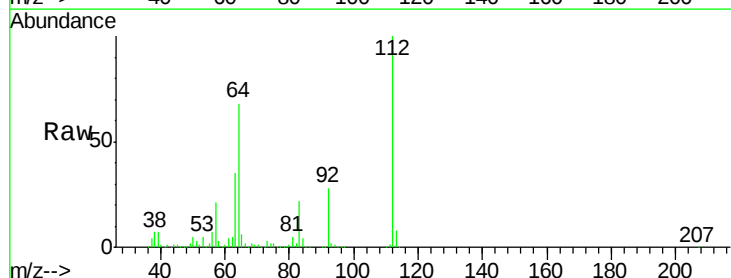
Tgt Ion:112 Resp: 1252004

Ion Ratio Lower Upper

112 100

64 67.8 58.4 87.6

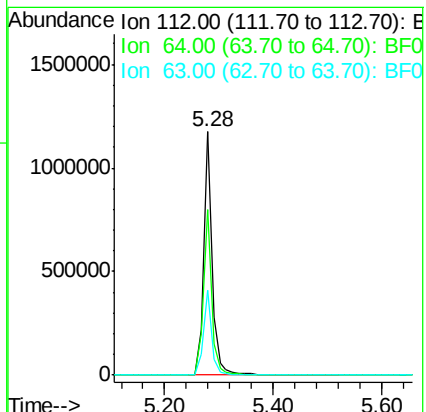
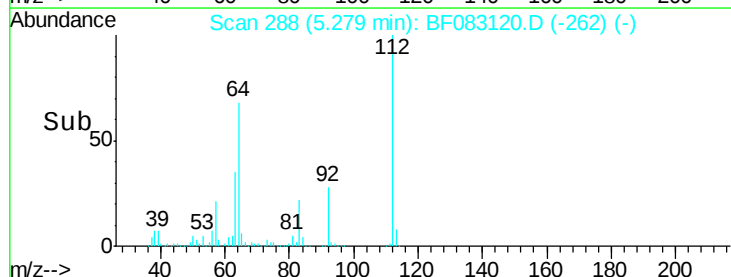
63 34.6 30.0 45.0

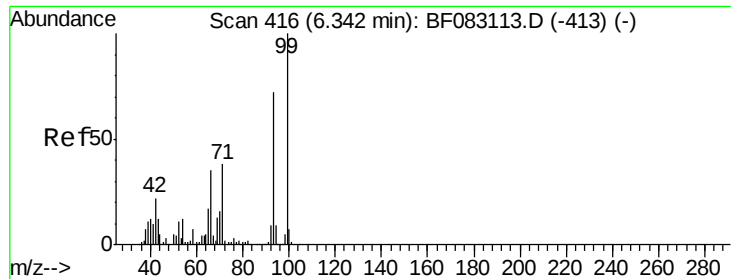


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.06 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB86793BL

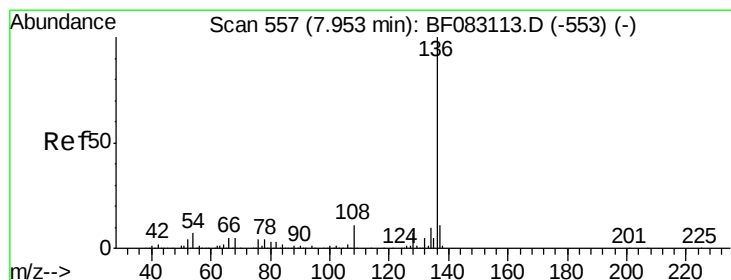
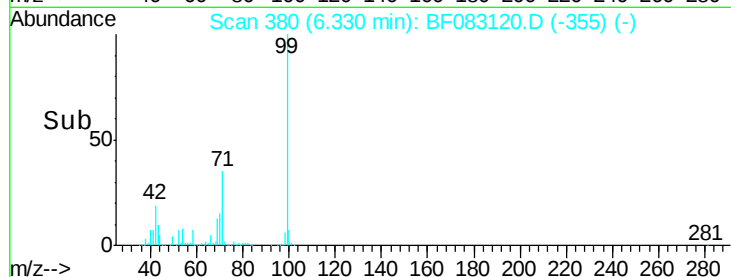
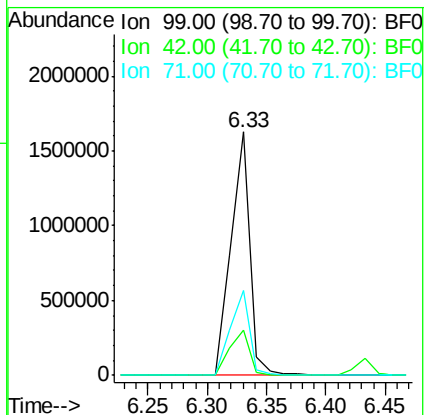
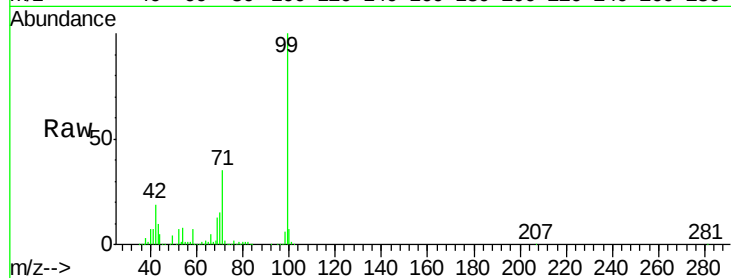
Tot Ion: 99 Resp: 1795503

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

71 35.0 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

Tgt Ion: 136 Resp: 732271

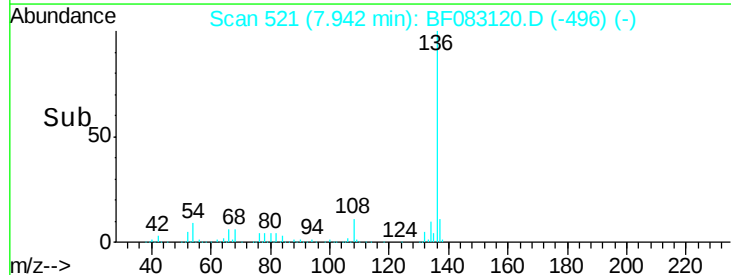
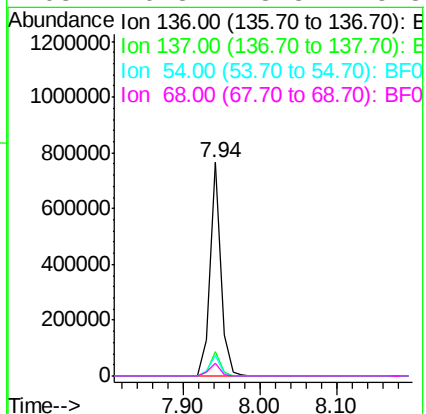
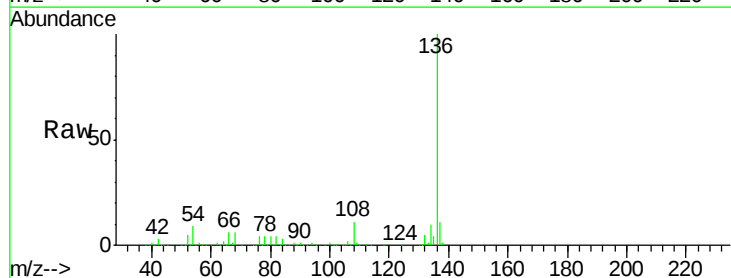
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.3 5.8 8.6#

68 6.3 3.8 5.8#

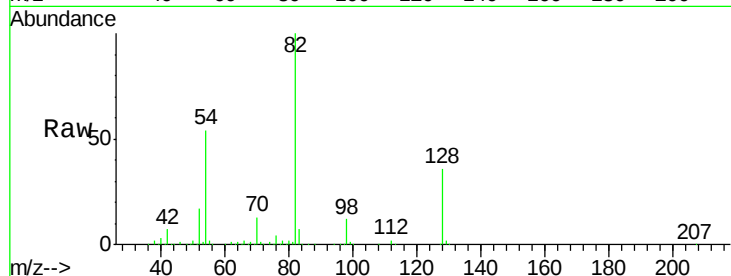




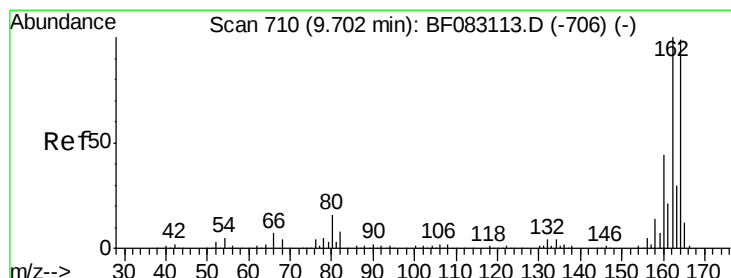
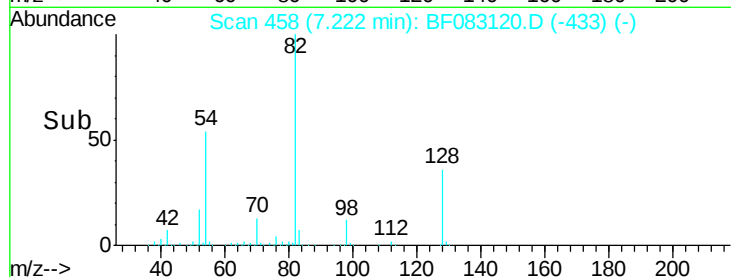
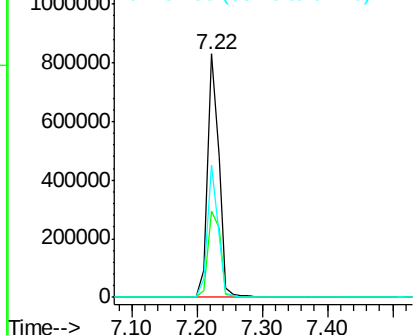
#23
 Nitrobenzene-d5
 Concen: 63.17 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083120.D
 Acq: 21 Nov 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BL

Tot Ion: 82 Resp: 1012380
 Ion Ratio Lower Upper
 82 100
 128 35.6 28.5 42.7
 54 54.2 44.6 67.0

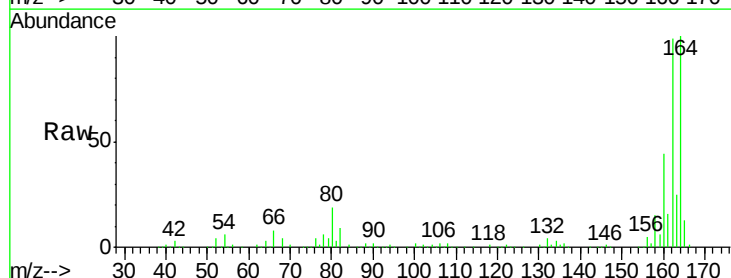


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

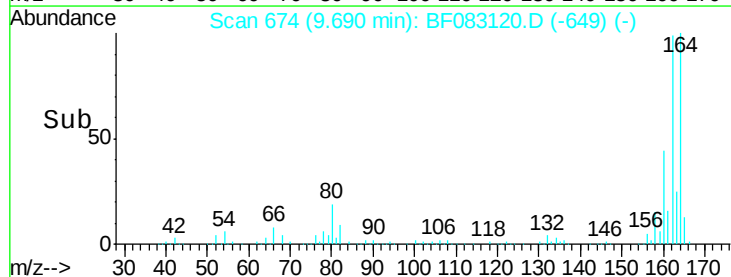
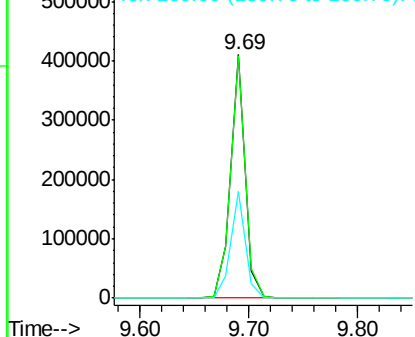


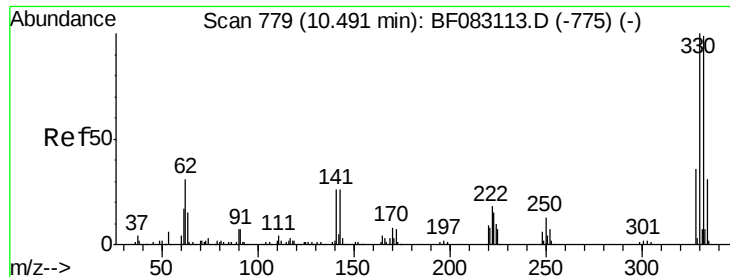
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083120.D
 Acq: 21 Nov 2015 19:33

Tgt Ion:164 Resp: 378721
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.2 121.8
 160 43.9 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

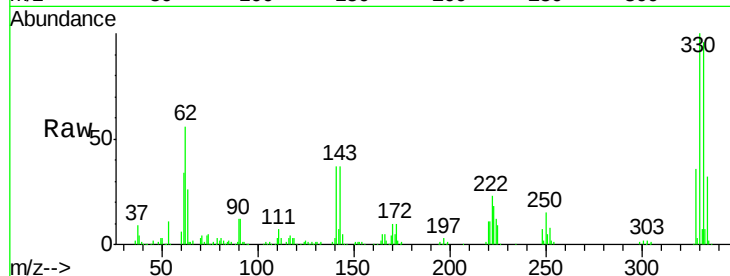




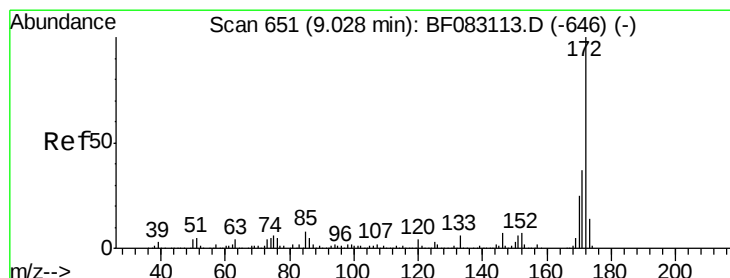
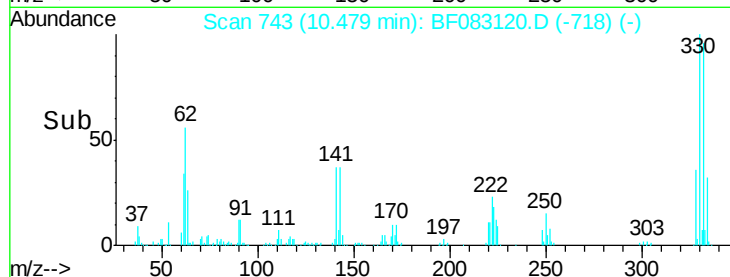
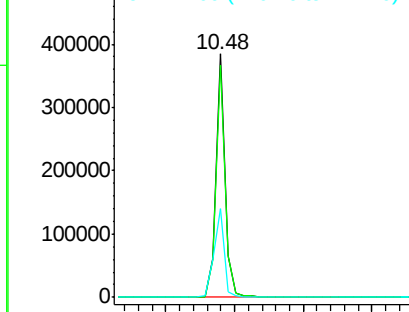
#41
 2,4,6-Tribromophenol
 Concen: 93.80 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083120.D
 Acq: 21 Nov 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BL

Tot Ion:330 Resp: 363420
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.7 116.5
 141 40.4 29.7 44.5

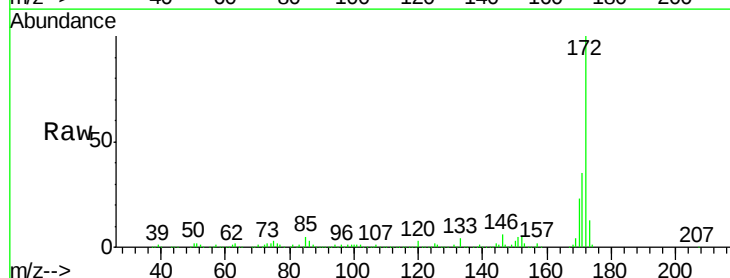


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

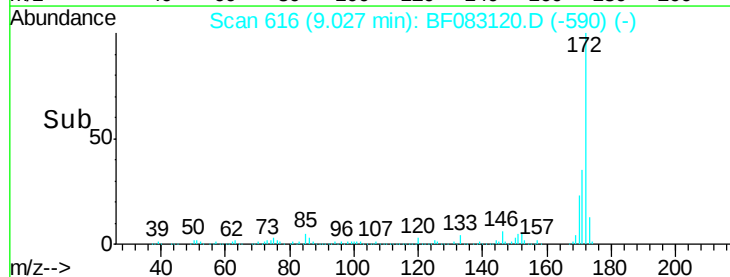
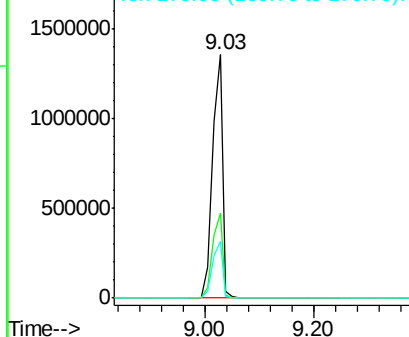


#44
 2-Fluorobiphenyl
 Concen: 65.11 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083120.D
 Acq: 21 Nov 2015 19:33

Tgt Ion:172 Resp: 1768253
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 23.5 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

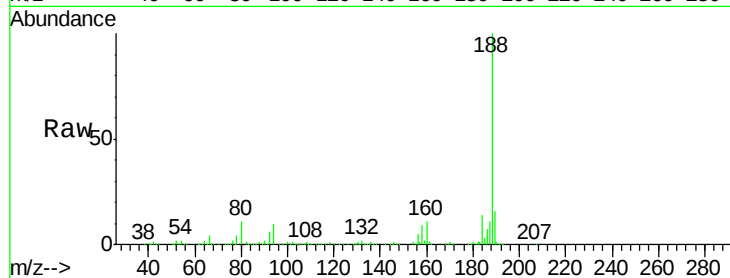




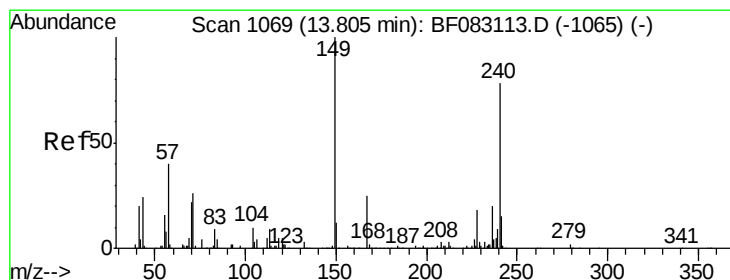
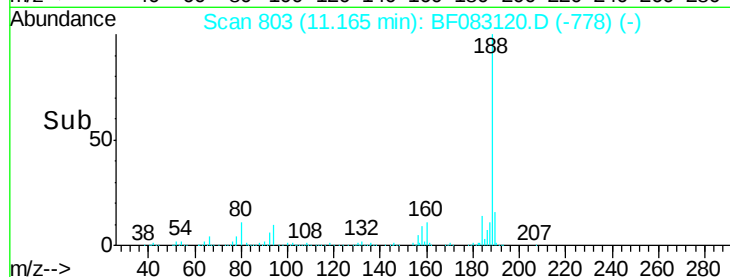
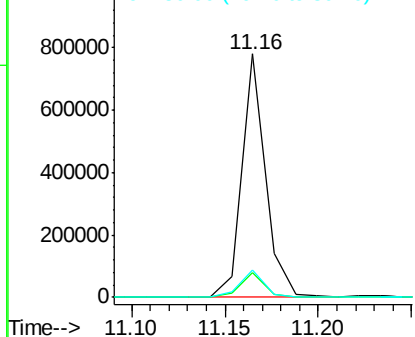
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083120.D
Acq: 21 Nov 2015 19:33

Instrument :
BNA_F
ClientSampled :
PB86793BL

Tot Ion:188 Resp: 690326
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 11.2 6.7 10.1#

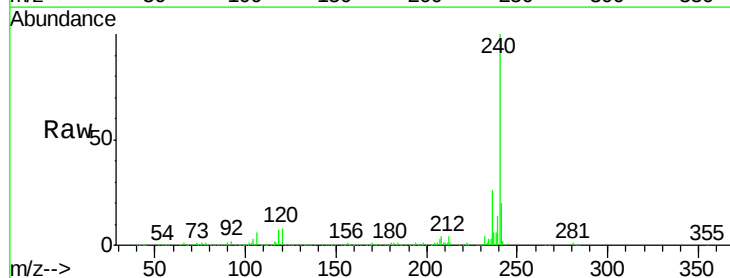


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

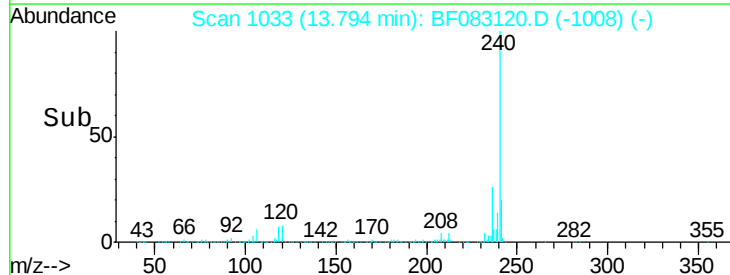
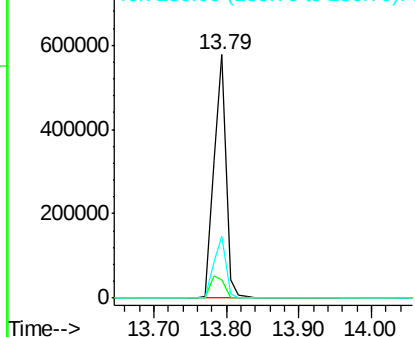


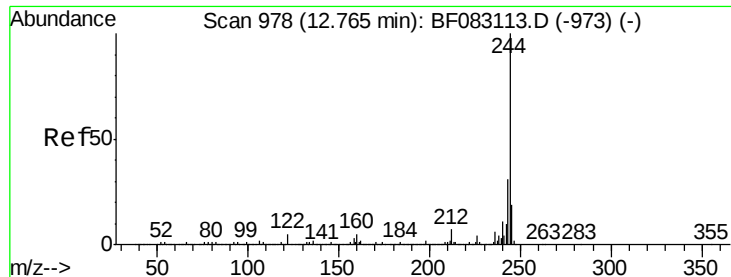
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083120.D
Acq: 21 Nov 2015 19:33

Tgt Ion:240 Resp: 664822
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.2
236 25.6 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: 62.58 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB86793BL

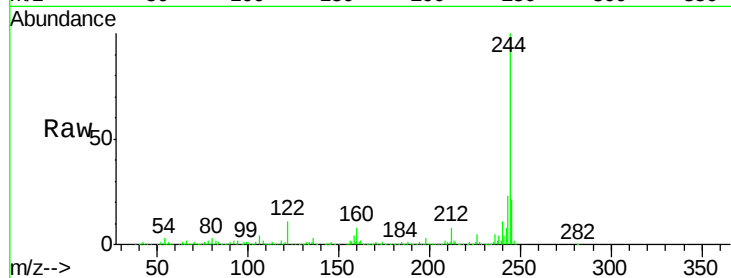
Tot Ion:244 Resp: 1766856

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

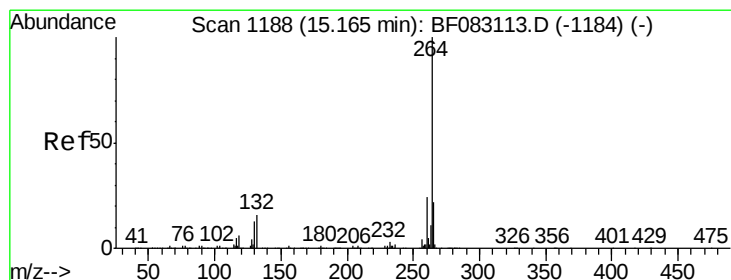
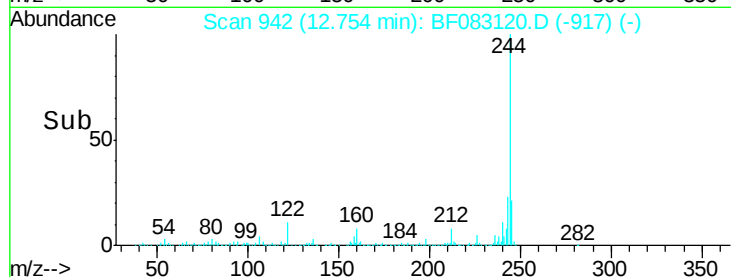
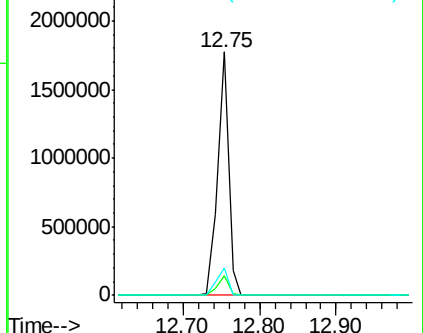
122 11.5 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083120.D

Acq: 21 Nov 2015 19:33

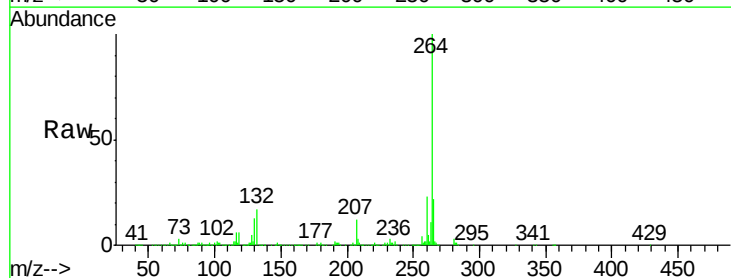
Tgt Ion:264 Resp: 580965

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.9 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

