

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083121.D
 Acq On : 21 Nov 2015 20:02
 Operator : UM/IZ
 Sample : PB86744BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BL

Quant Time: Nov 22 09:32:12 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	191809	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	732105	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	375787	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	714944	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	690895	20.00	ng	-0.01
86) Perylene-d12	15.15	264	595114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1407611	110.95	ng	0.00
7) Phenol-d6	6.33	99	1958054	119.28	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1121650	70.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	419792	109.19	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1962176	72.81	ng	0.00
78) Terphenyl-d14	12.75	244	1993895	67.96	ng	-0.01

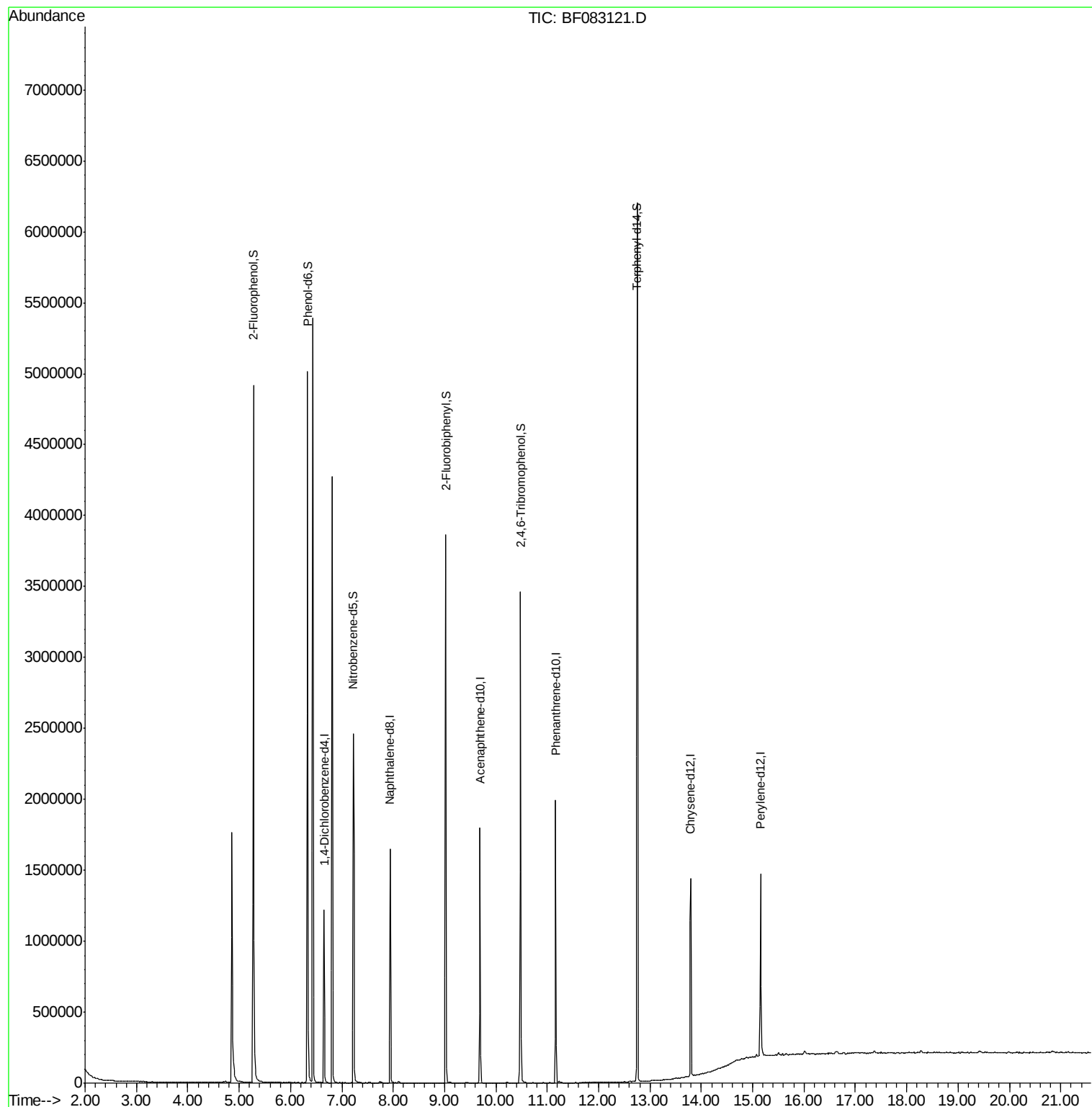
Target Compounds Qvalue

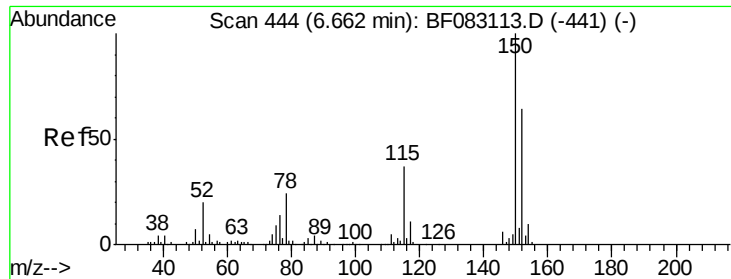
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083121.D

Acq: 21 Nov 2015 20:02

Instrument :

BNA_F

ClientSampleId :

PB86744BL

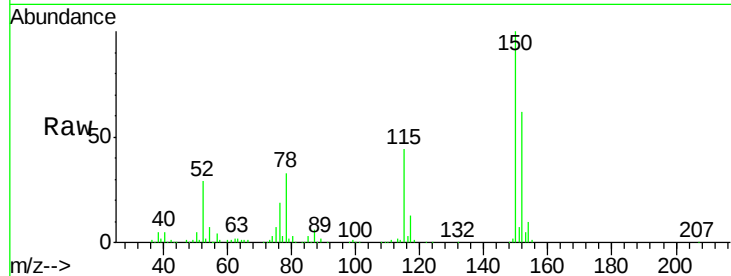
Tot Ion:152 Resp: 191809

Ion Ratio Lower Upper

152 100

150 162.5 125.8 188.8

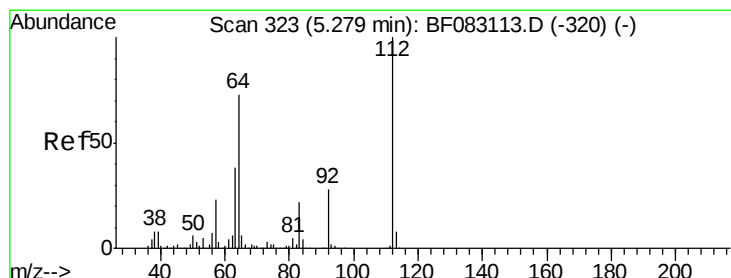
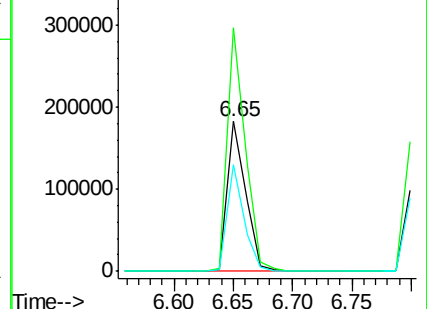
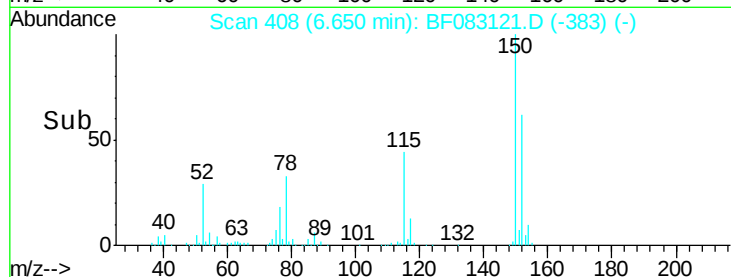
115 71.2 46.9 70.3#



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: 110.95 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083121.D

Acq: 21 Nov 2015 20:02

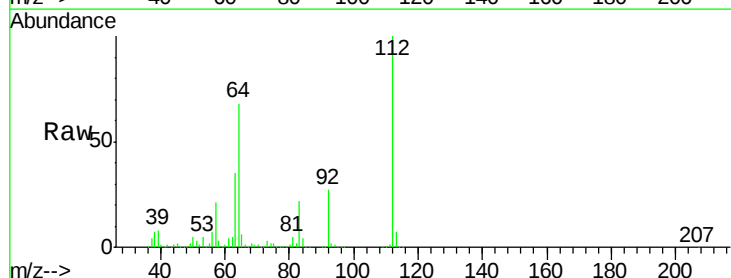
Tgt Ion:112 Resp: 1407611

Ion Ratio Lower Upper

112 100

64 68.3 58.4 87.6

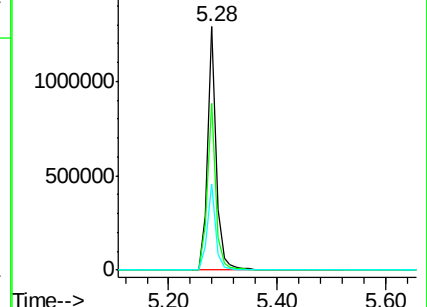
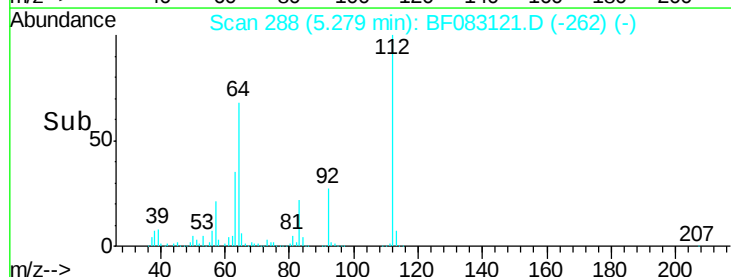
63 35.2 30.0 45.0

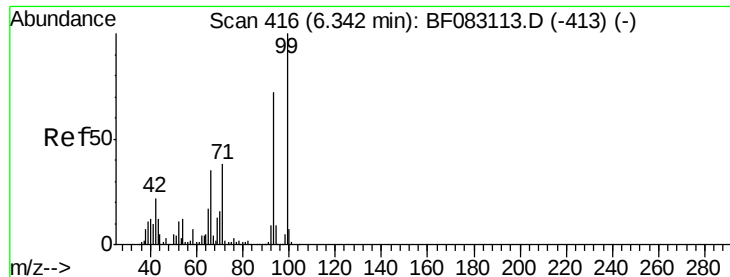


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.28 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083121.D

Acq: 21 Nov 2015 20:02

Instrument :

BNA_F

ClientSampleId :

PB86744BL

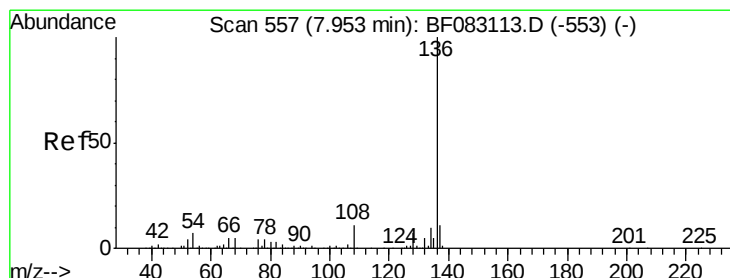
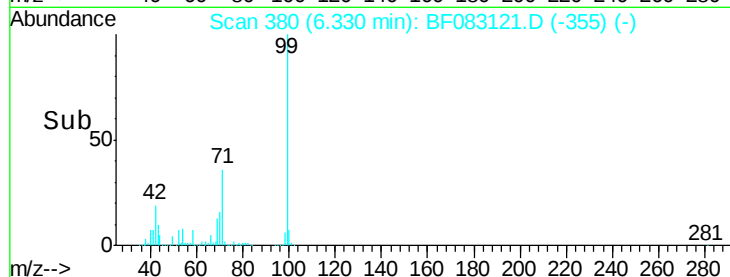
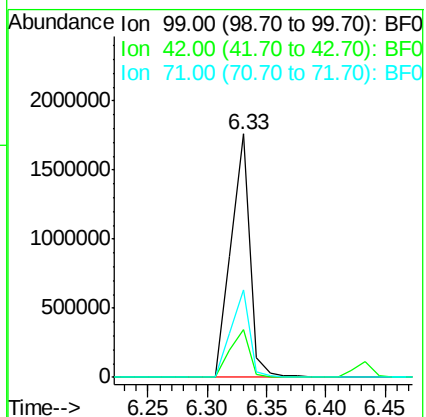
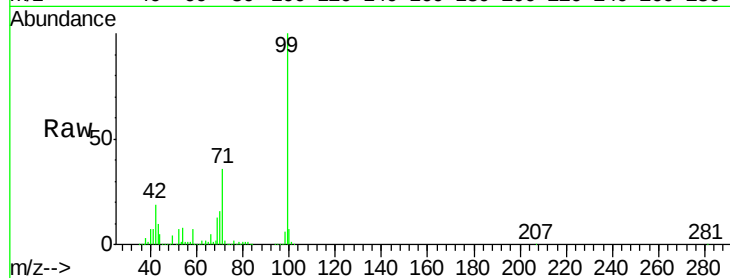
Tot Ion: 99 Resp: 1958054

Ion Ratio Lower Upper

99 100

42 19.4 17.7 26.5

71 35.8 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: BF083121.D

Acq: 21 Nov 2015 20:02

Tgt Ion: 136 Resp: 732105

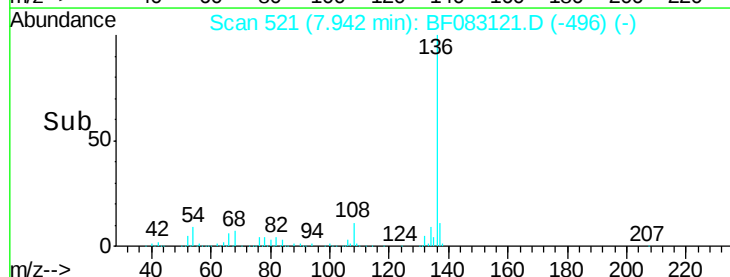
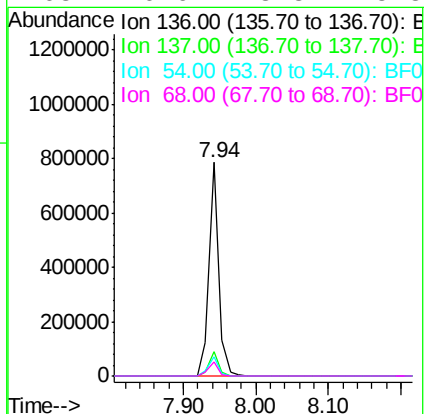
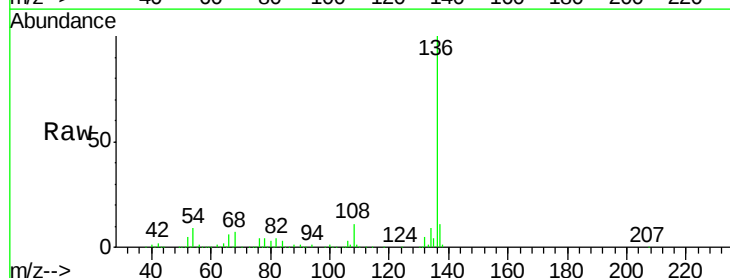
Ion Ratio Lower Upper

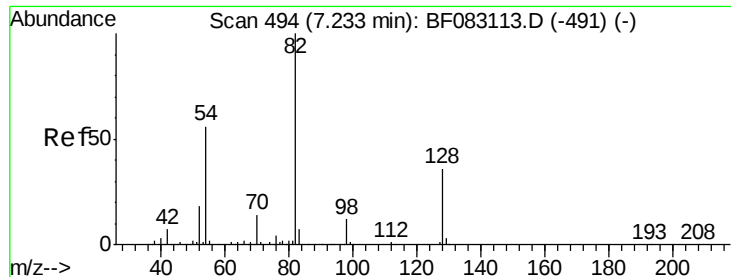
136 100

137 11.2 8.7 13.1

54 8.9 5.8 8.6#

68 6.6 3.8 5.8#

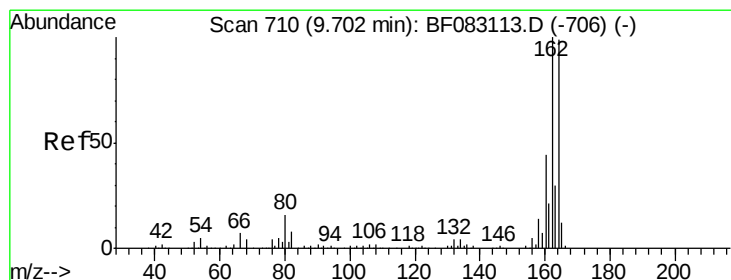
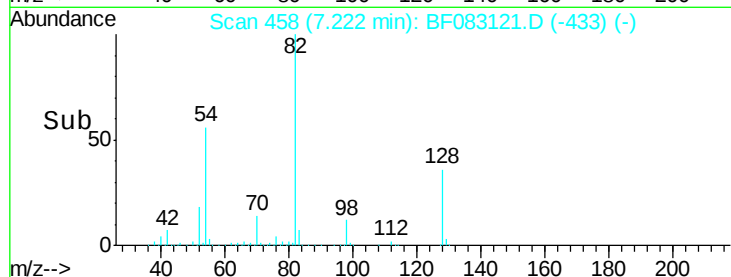
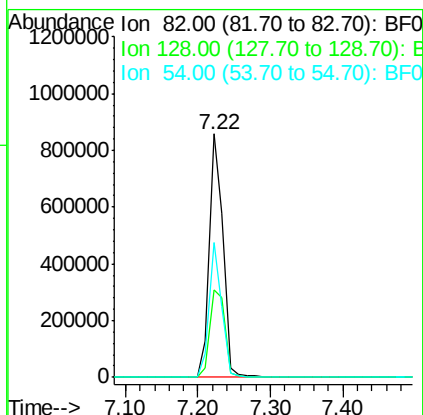
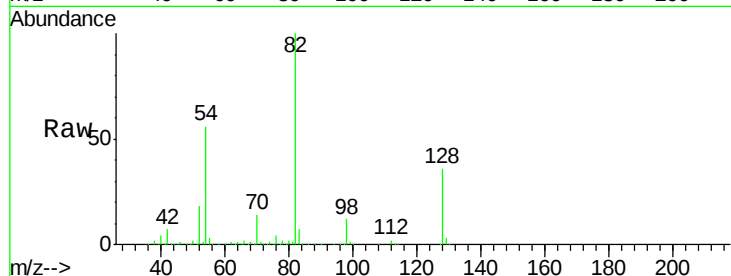




#23
Nitrobenzene-d5
Concen: 70.01 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083121.D
Acq: 21 Nov 2015 20:02

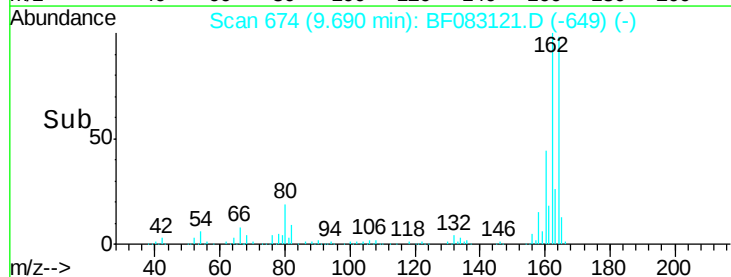
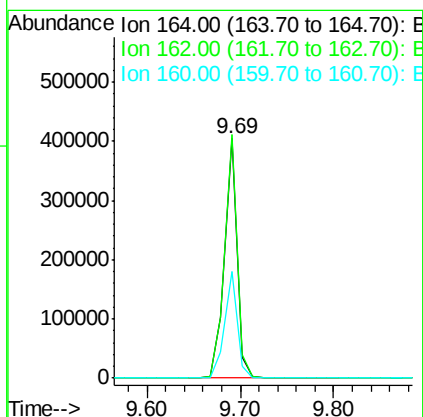
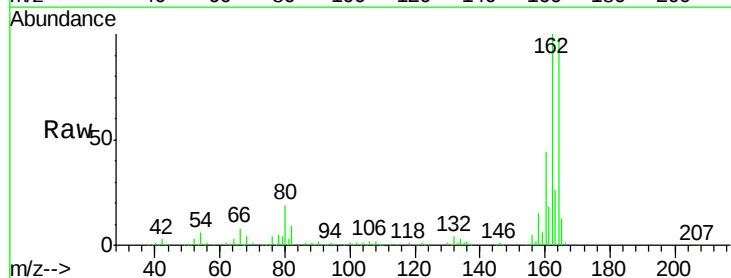
Instrument :
BNA_F
ClientSampleId :
PB86744BL

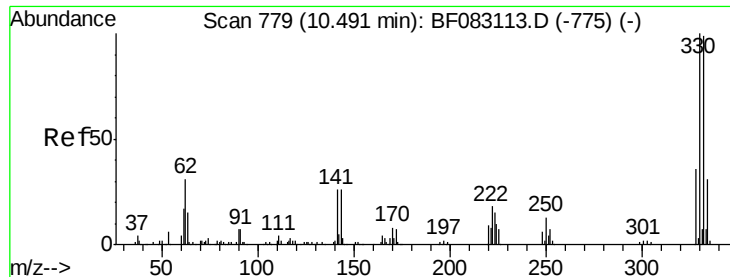
Tot Ion: 82 Resp: 1121650
Ion Ratio Lower Upper
82 100
128 35.8 28.5 42.7
54 55.6 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083121.D
Acq: 21 Nov 2015 20:02

Tgt Ion:164 Resp: 375787
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 44.7 35.6 53.4

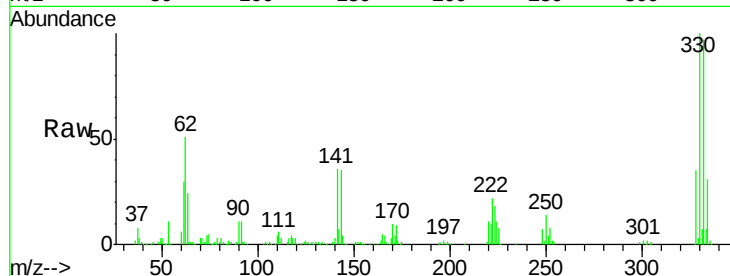




#41
 2,4,6-Tribromophenol
 Concen: 109.19 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083121.D
 Acq: 21 Nov 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	40.6	29.7	44.5

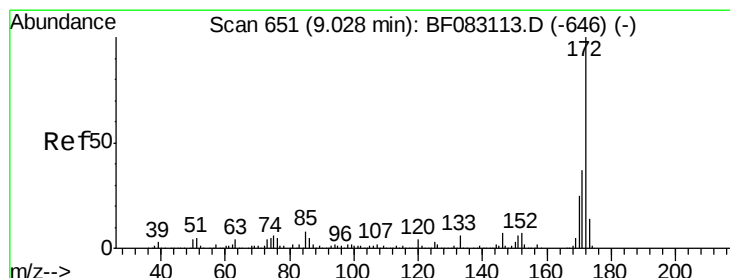
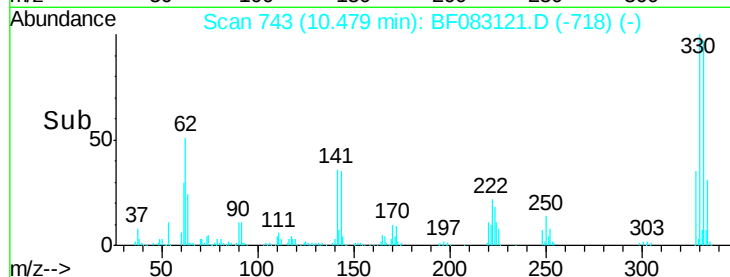
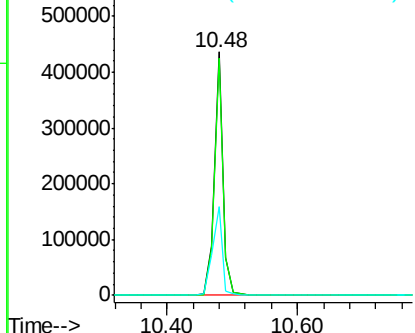


Abundance

Ion 329.80 (329.50 to 330.50): E

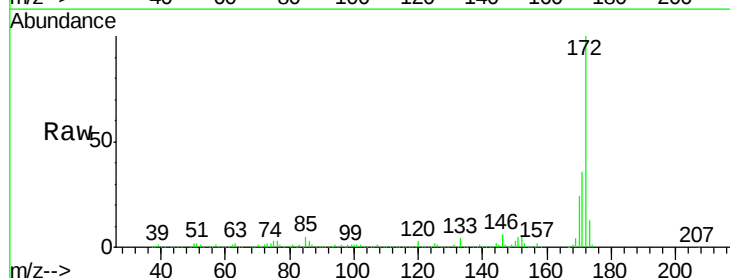
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.81 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083121.D
 Acq: 21 Nov 2015 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.5	44.3
170	24.1	19.9	29.9

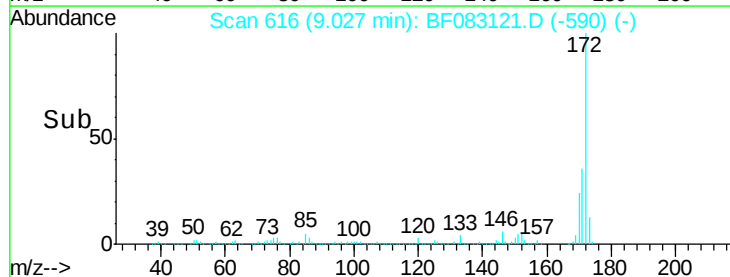
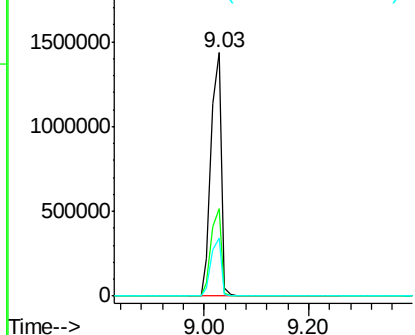


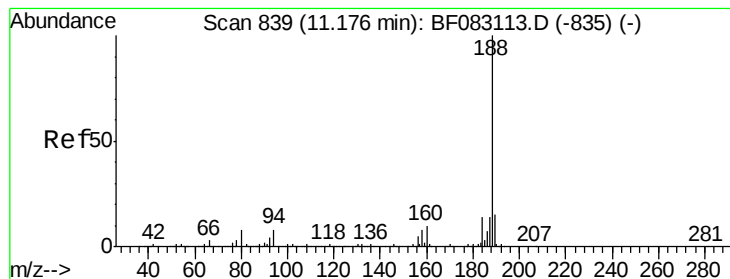
Abundance

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: BF083121.D

Acq: 21 Nov 2015 20:02

Instrument :

BNA_F

ClientSampleId :

PB86744BL

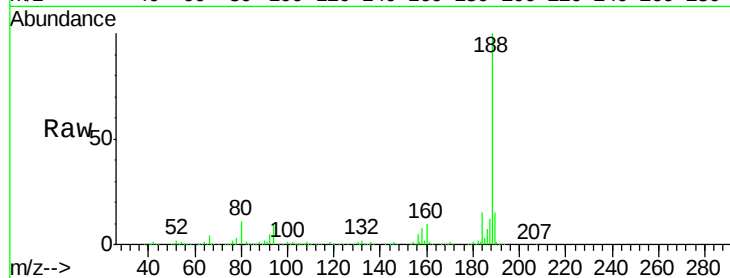
Tot Ion:188 Resp: 714944

Ion Ratio Lower Upper

188 100

94 9.2 6.0 9.0#

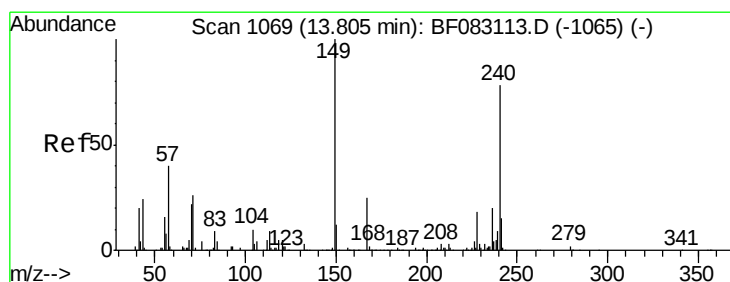
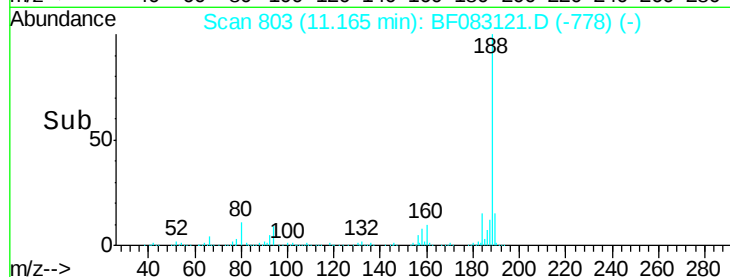
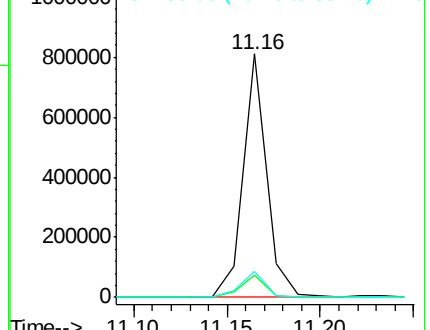
80 10.9 6.7 10.1#



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: BF083121.D

Acq: 21 Nov 2015 20:02

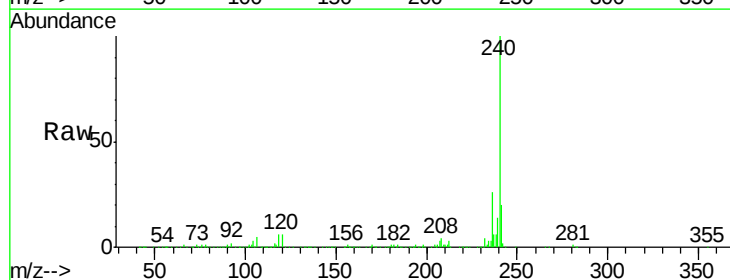
Tgt Ion:240 Resp: 690895

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

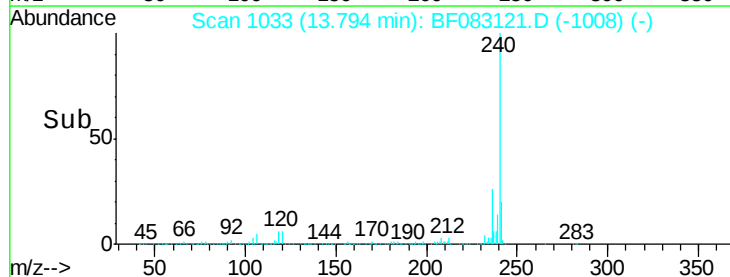
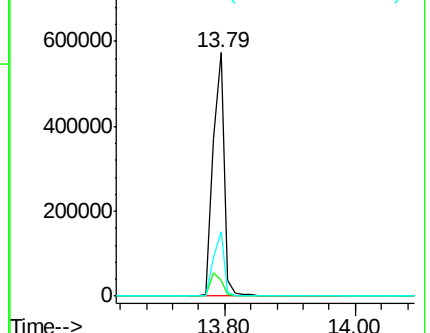
236 26.4 20.6 31.0

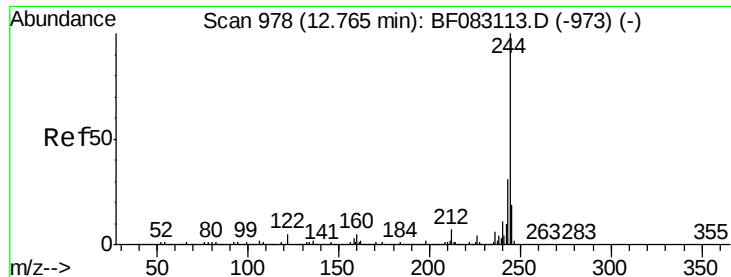


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

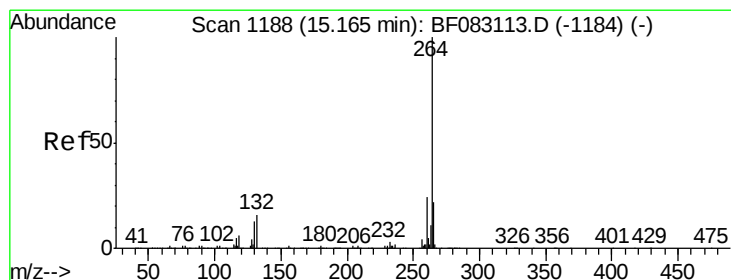
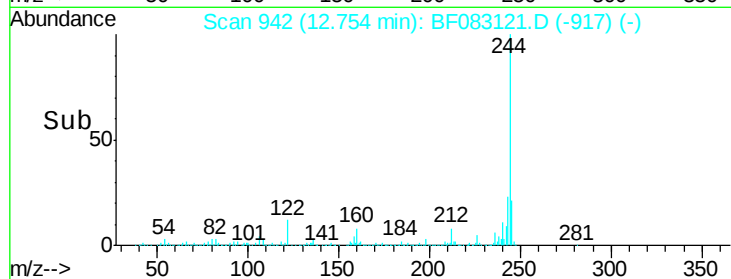
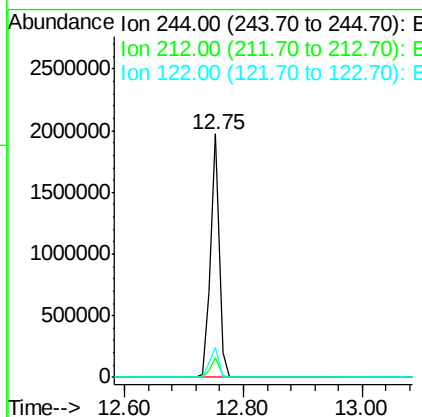
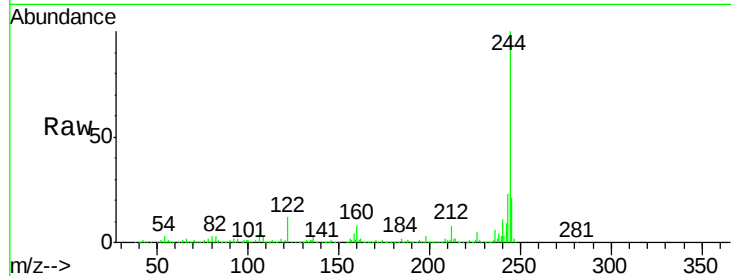




#78
 Terphenyl-d14
 Concen: 67.96 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083121.D
 Acq: 21 Nov 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86744BL

Tot Ion:244 Resp: 1993895
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 12.1 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083121.D
 Acq: 21 Nov 2015 20:02

Tgt Ion:264 Resp: 595114
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 18.2 27.4

