

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083122.D
 Acq On : 21 Nov 2015 20:32
 Operator : UM/IZ
 Sample : PB86781BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

Quant Time: Nov 22 09:33:01 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	195743	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	760686	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	387757	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	733578	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	696909	20.00	ng	-0.01
86) Perylene-d12	15.15	264	583237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	935342	72.24	ng	0.00
7) Phenol-d6	6.32	99	1143885	68.28	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1005869	60.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	275697	69.50	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1829594	65.80	ng	0.00
78) Terphenyl-d14	12.75	244	1815763	61.35	ng	-0.01

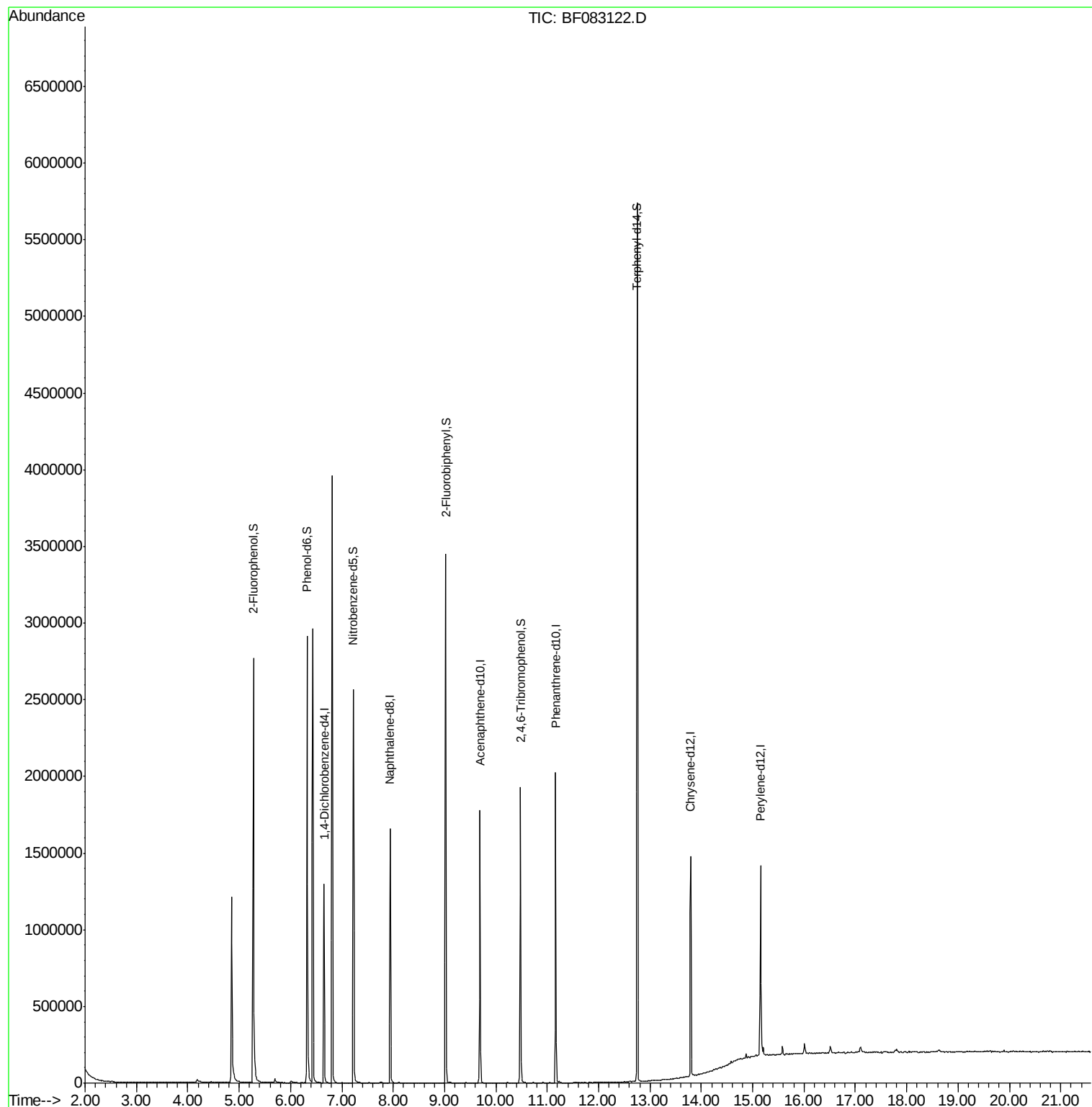
Target Compounds Qvalue

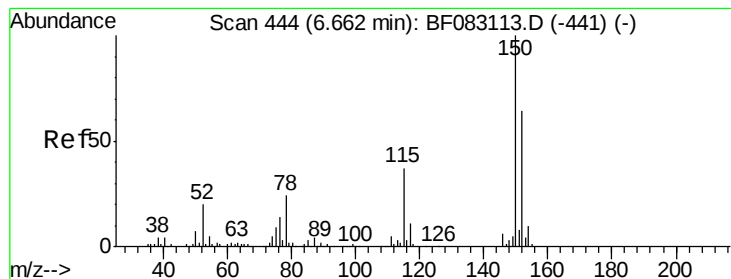
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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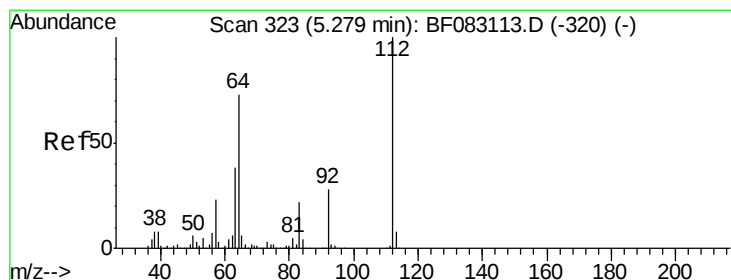
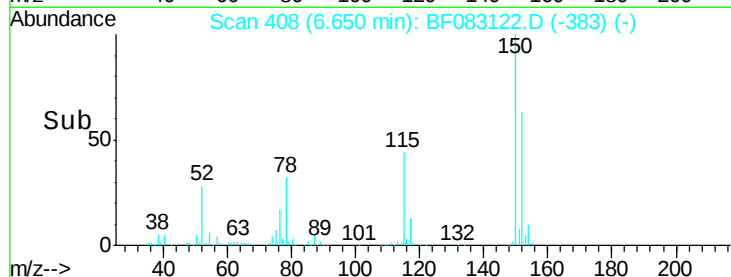
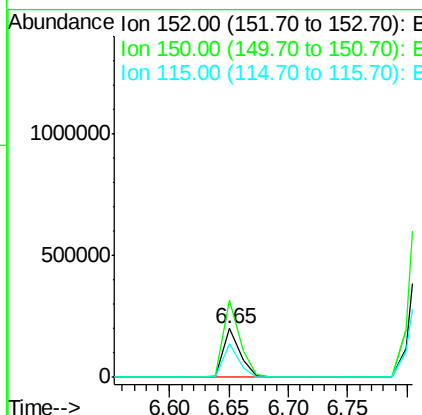
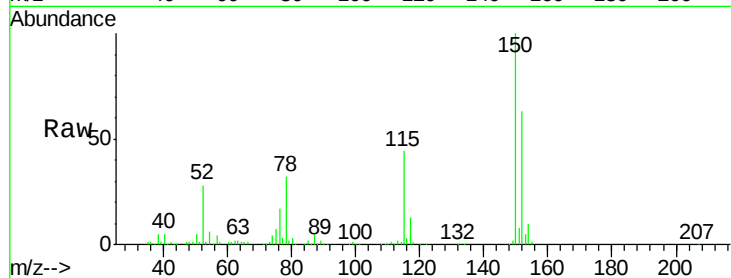


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Instrument :
BNA_F
ClientSampleId :
PB86781BL

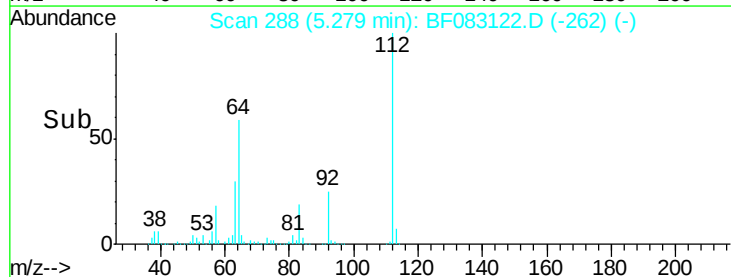
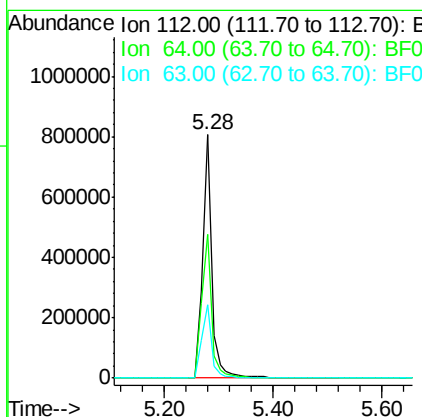
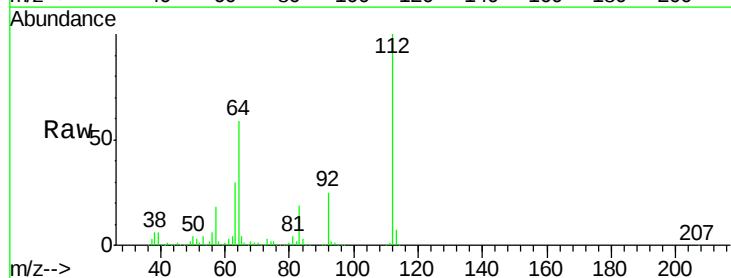
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.8	188.8
115	69.1	46.9	70.3

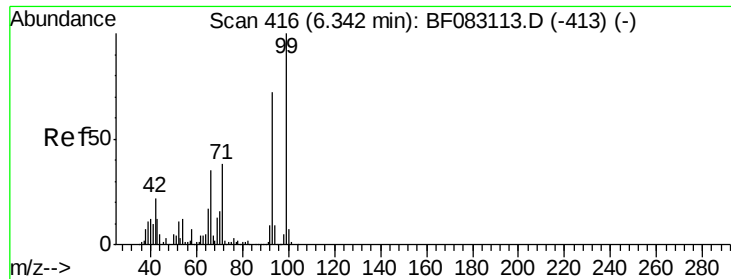


#5

2-Fluorophenol
Concen: 72.24 ng
RT: 5.28 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	58.4	87.6
63	30.0	30.0	45.0





#7

Phenol-d6

Concen: 68.28 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Instrument :

BNA_F

ClientSampleId :

PB86781BL

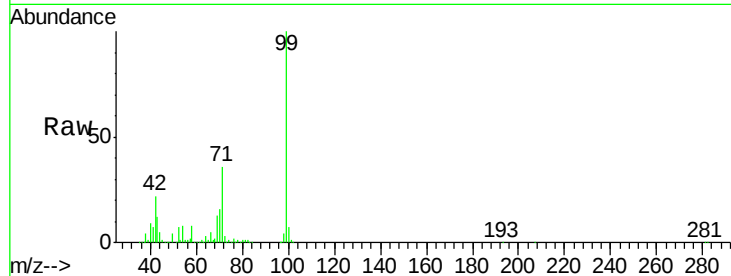
Tot Ion: 99 Resp: 1143885

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

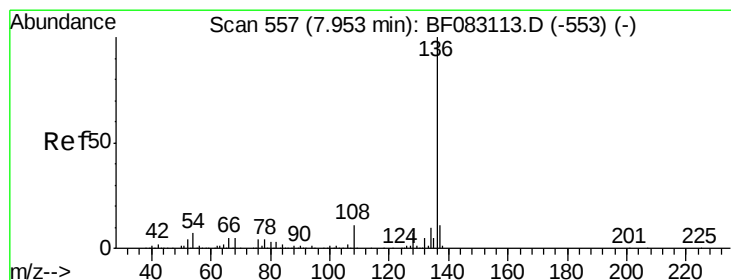
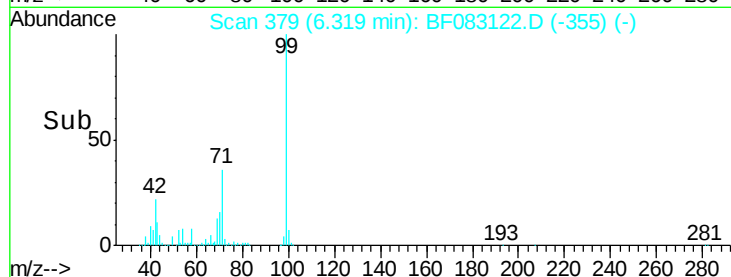
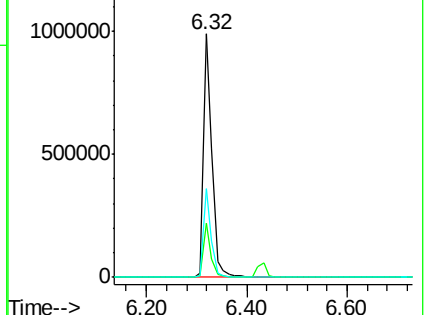
71 36.4 30.2 45.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083122.D

Acq: 21 Nov 2015 20:32

Tgt Ion: 136 Resp: 760686

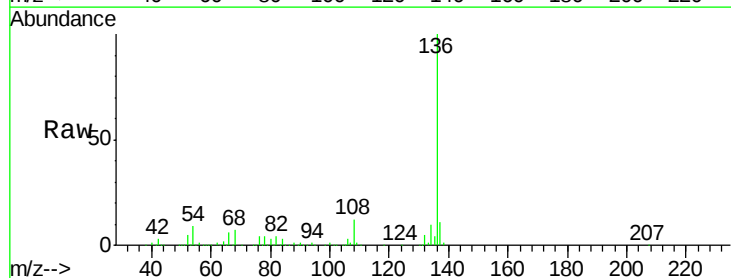
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.3 5.8 8.6#

68 6.5 3.8 5.8#

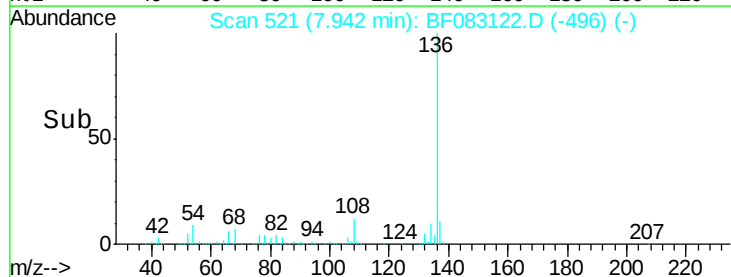
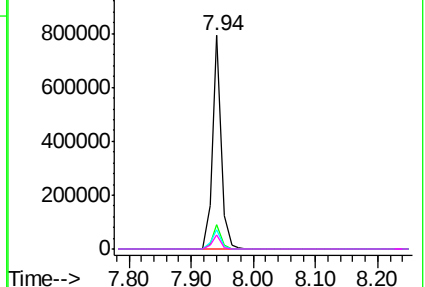


Abundance Ion 136.00 (135.70 to 136.70): E

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

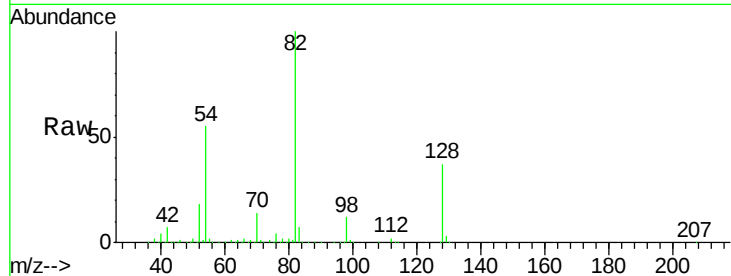




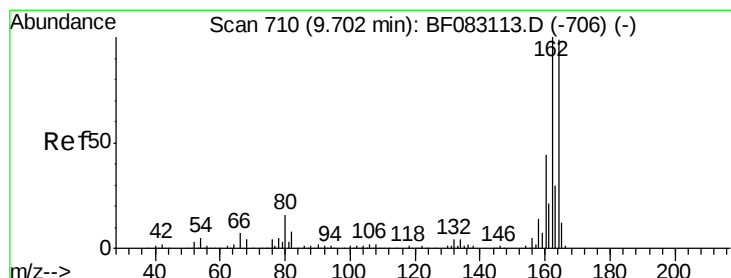
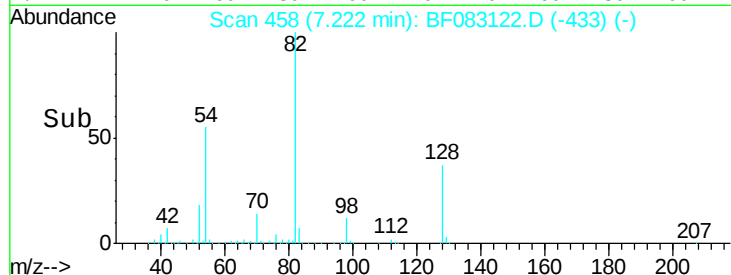
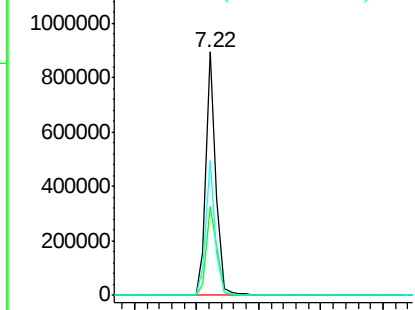
#23
 Nitrobenzene-d5
 Concen: 60.42 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

Tot Ion: 82 Resp: 1005869
 Ion Ratio Lower Upper
 82 100
 128 36.7 28.5 42.7
 54 55.2 44.6 67.0

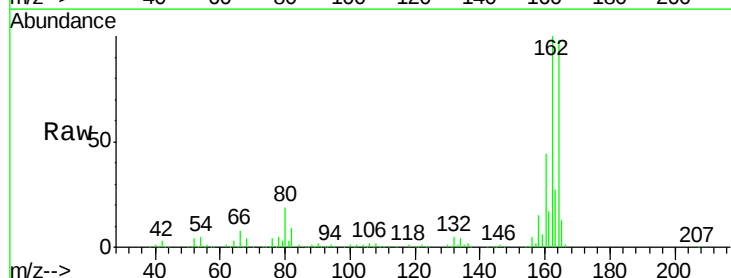


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

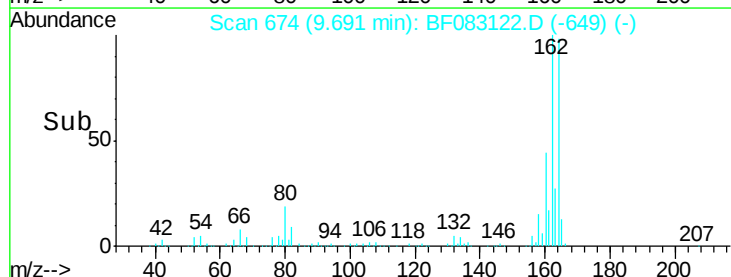
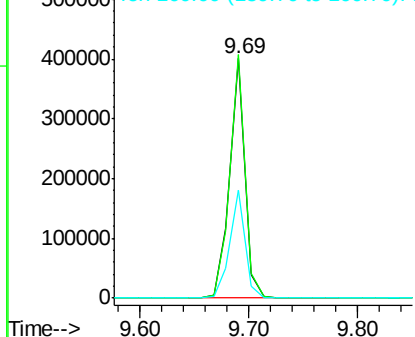


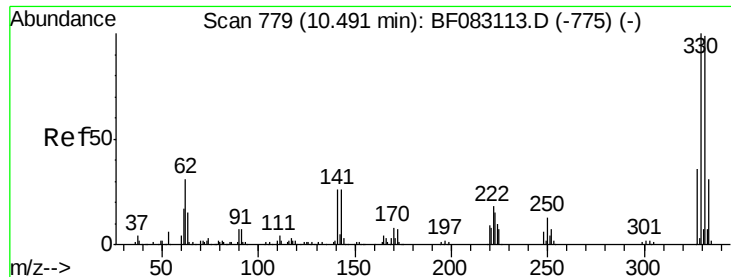
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Tgt Ion:164 Resp: 387757
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.2 121.8
 160 45.0 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

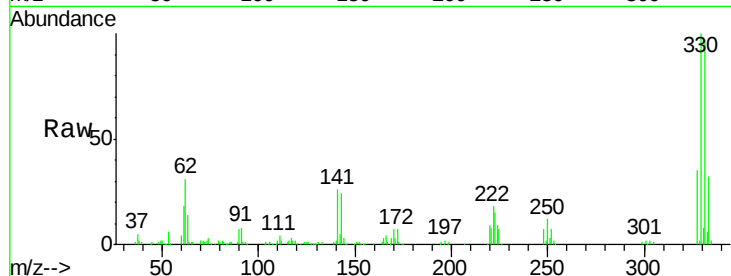




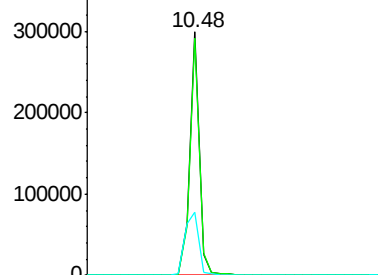
#41
 2,4,6-Tribromophenol
 Concen: 69.50 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

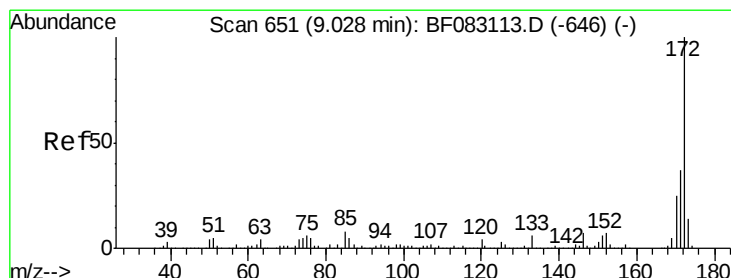
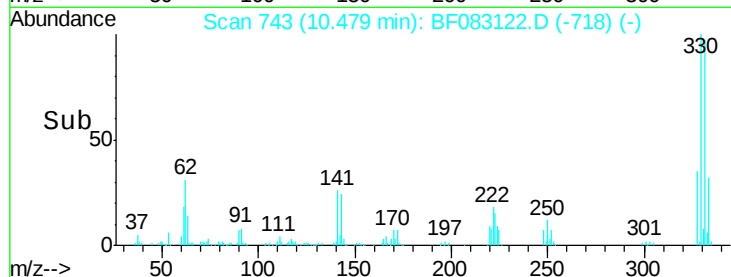
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	37.2	29.7	44.5



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

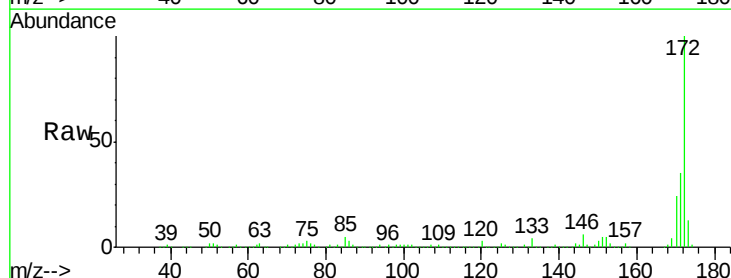


Time-->

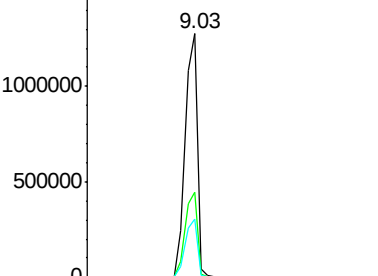


#44
 2-Fluorobiphenyl
 Concen: 65.80 ng
 RT: 9.03 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

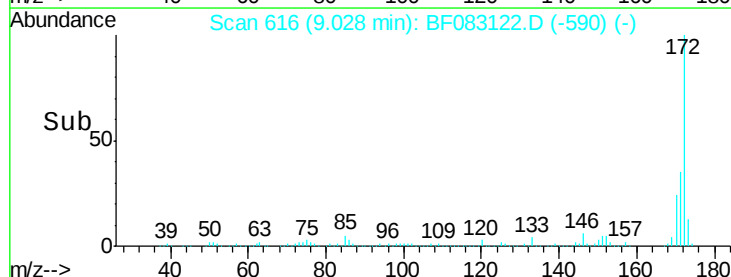
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.9	19.9	29.9



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



Time-->

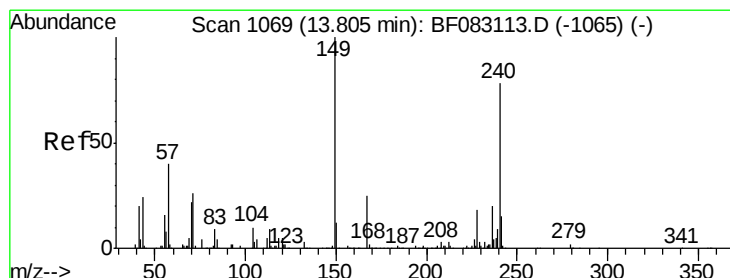
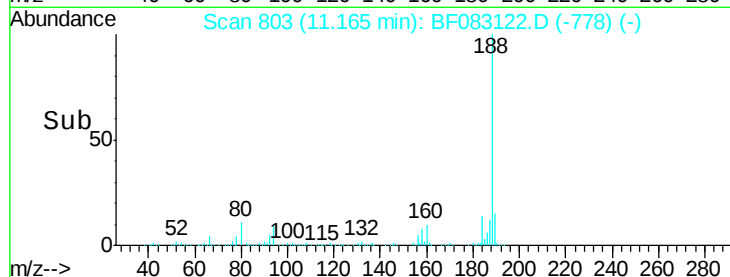
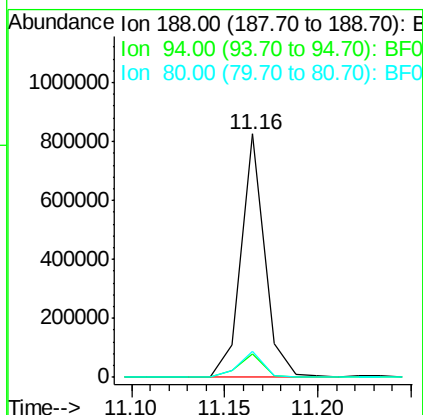
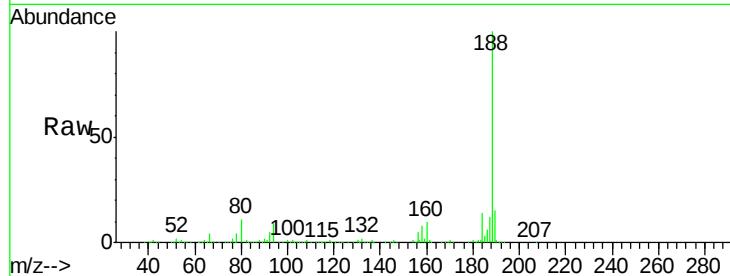




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

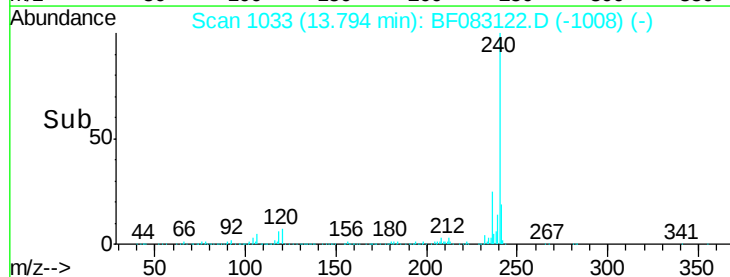
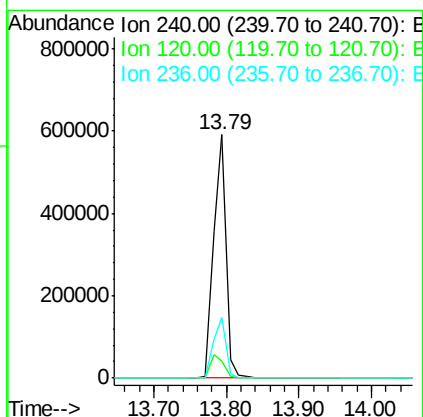
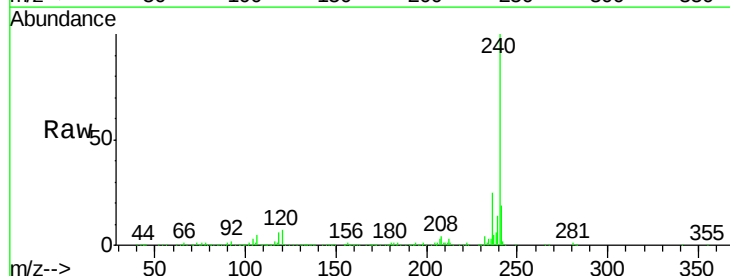
Instrument :
BNA_F
ClientSampled :
PB86781BL

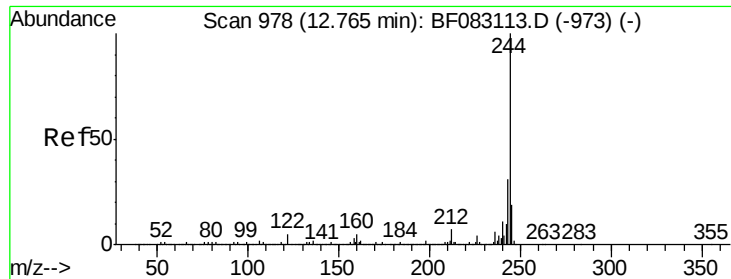
Tot Ion:188 Resp: 733578
Ion Ratio Lower Upper
188 100
94 9.4 6.0 9.0#
80 10.6 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083122.D
Acq: 21 Nov 2015 20:32

Tgt Ion:240 Resp: 696909
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.2
236 24.9 20.6 31.0

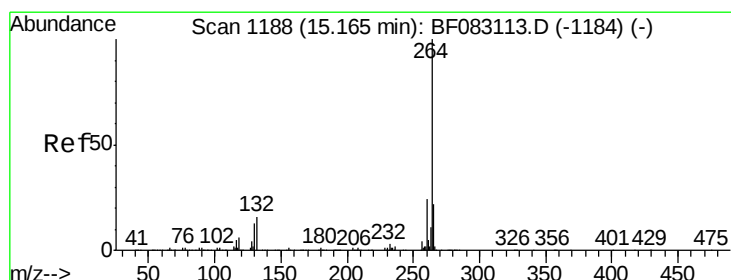
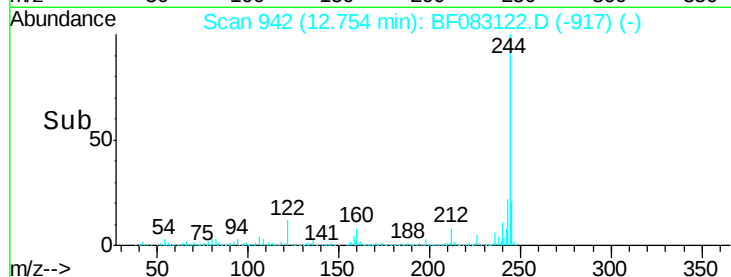
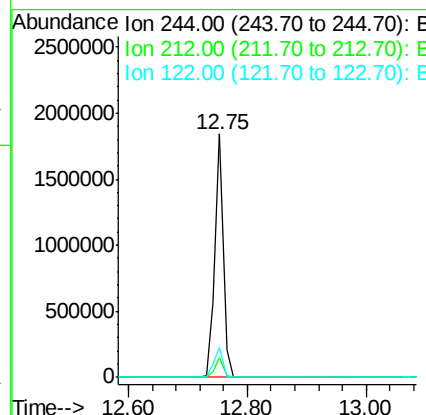
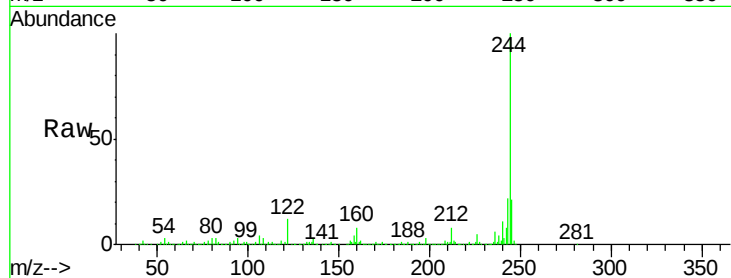




#78
 Terphenyl-d14
 Concen: 61.35 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083122.D
 Acq: 21 Nov 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BL

Tot Ion:244 Resp: 1815763
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 12.0 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: BF083122.D
 Acq: 21 Nov 2015 20:32

Tgt Ion:264 Resp: 583237
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 22.3 18.2 27.4

