

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083347.D
 Acq On : 30 Nov 2015 21:39
 Operator : UM/IZ
 Sample : PB86903BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

Quant Time: Dec 01 02:21:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175202	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	676469	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	350877	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	688902	20.00	ng	0.00
75) Chrysene-d12	14.75	240	662978	20.00	ng	-0.01
86) Perylene-d12	16.82	264	559071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1230035	105.35	ng	0.01
7) Phenol-d6	6.21	99	1584099	99.12	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1024368	66.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	357398	101.47	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1808226	73.44	ng	0.00
78) Terphenyl-d14	13.22	244	1945406	69.98	ng	0.00

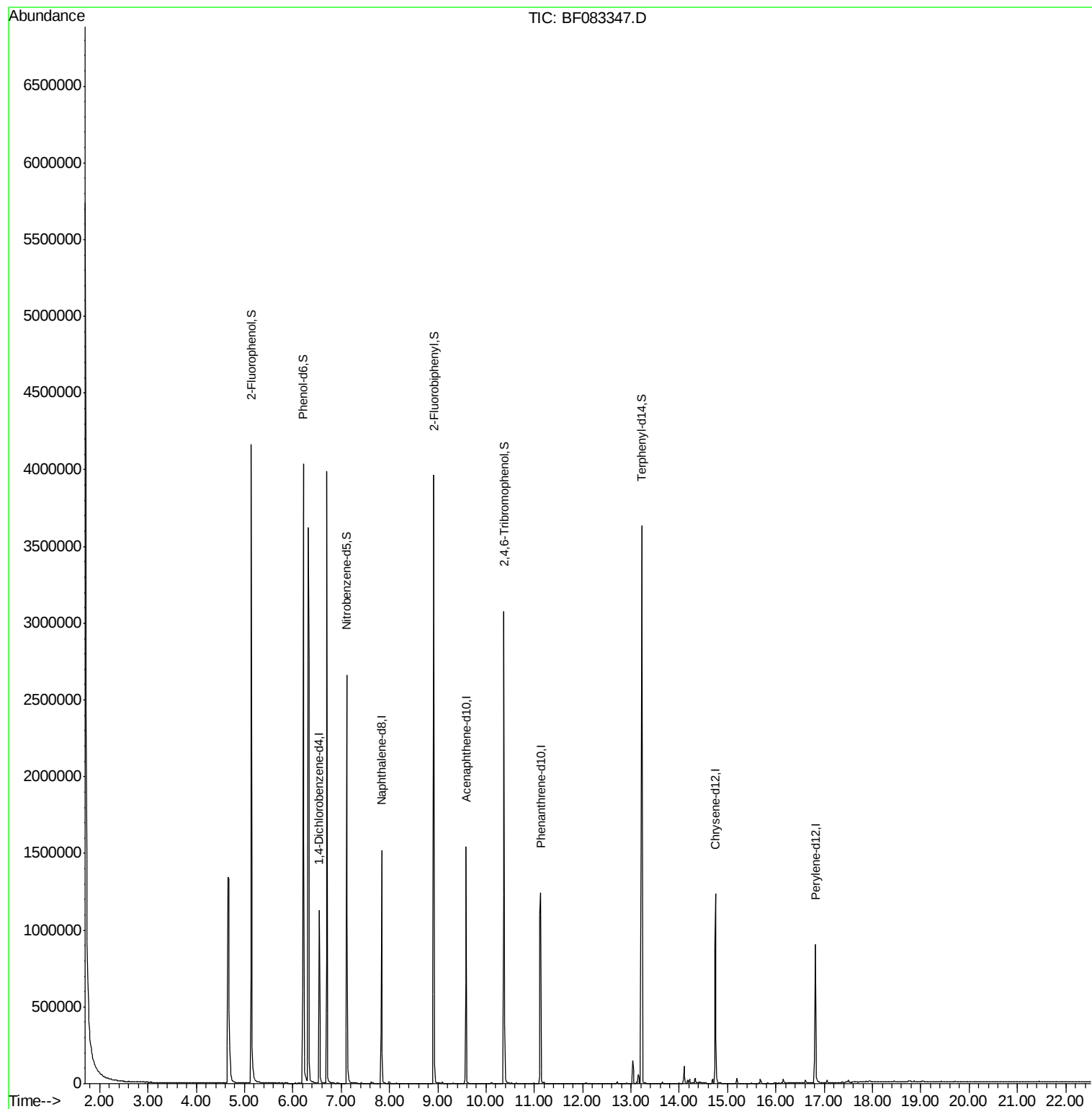
Target Compounds	Qvalue
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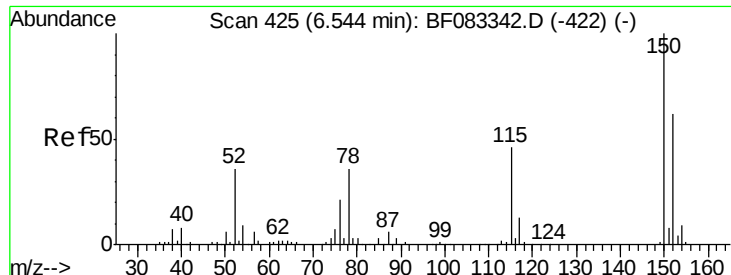
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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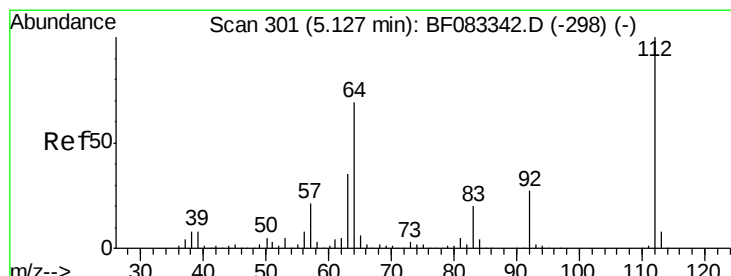
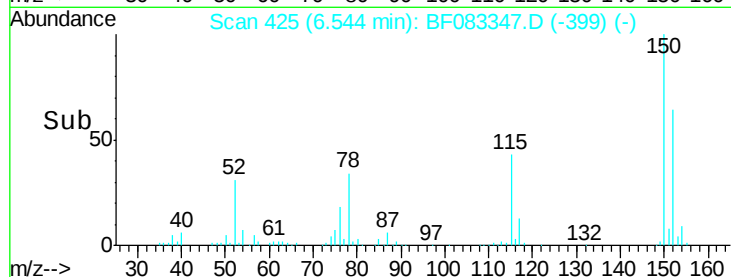
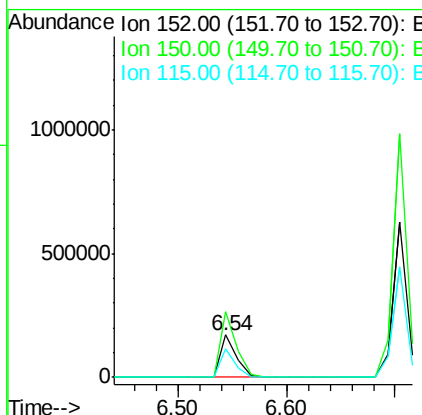
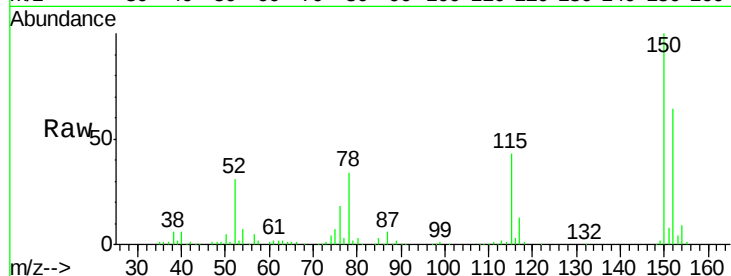




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

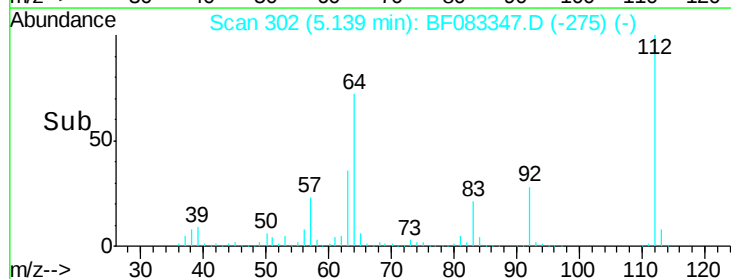
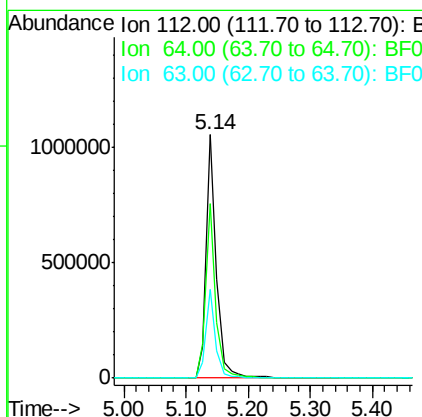
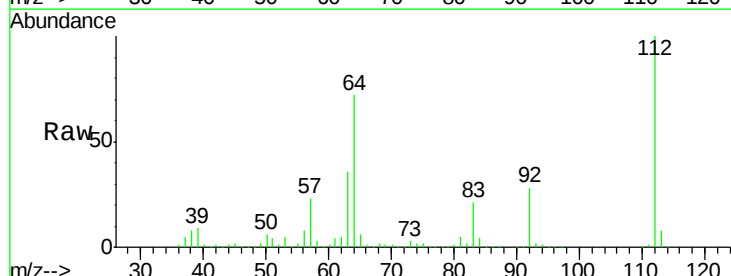
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

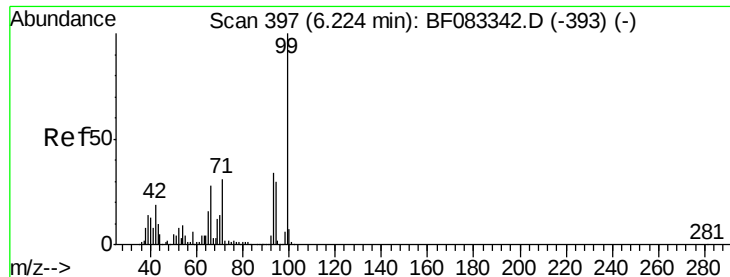
Tgt Ion:152 Resp: 175202
 Ion Ratio Lower Upper
 152 100
 150 155.7 129.8 194.8
 115 66.8 59.2 88.8



#5
 2-Fluorophenol
 Concen: 105.35 ng
 RT: 5.14 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Tgt Ion:112 Resp: 1230035
 Ion Ratio Lower Upper
 112 100
 64 71.7 55.6 83.4
 63 36.3 28.2 42.2





#7

Phenol-d6

Concen: 99.12 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083347.D

Acq: 30 Nov 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB86903BL

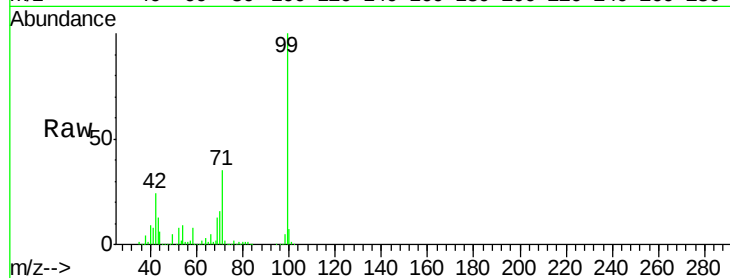
Tgt Ion: 99 Resp: 1584099

Ion Ratio Lower Upper

99 100

42 23.5 14.9 22.3#

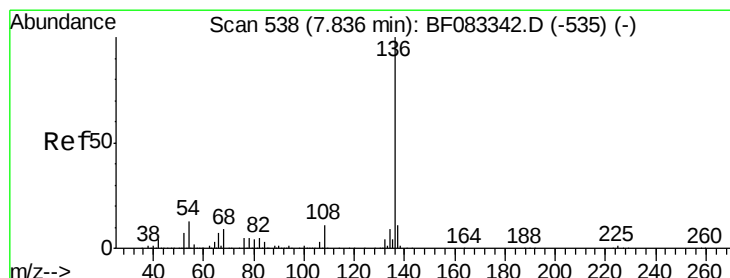
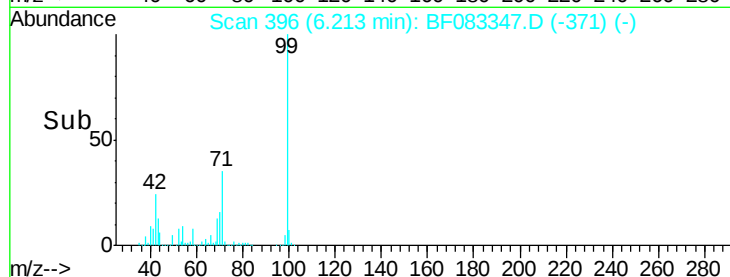
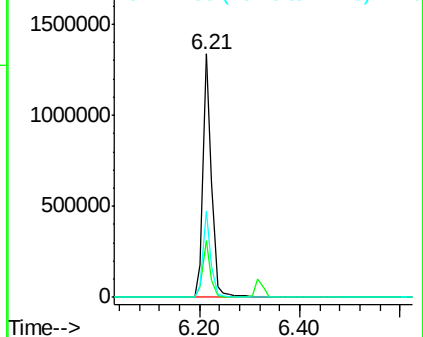
71 35.4 24.7 37.1



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: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083347.D

Acq: 30 Nov 2015 21:39

Tgt Ion: 136 Resp: 676469

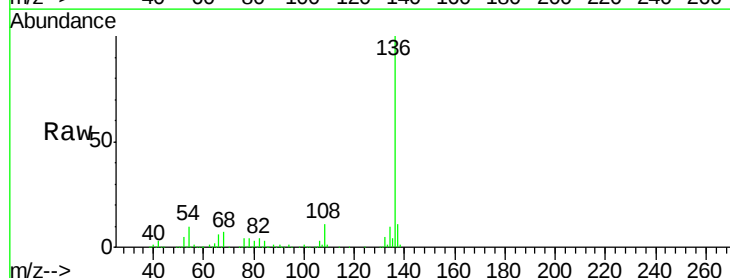
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 9.8 10.1 15.1#

68 7.5 7.1 10.7

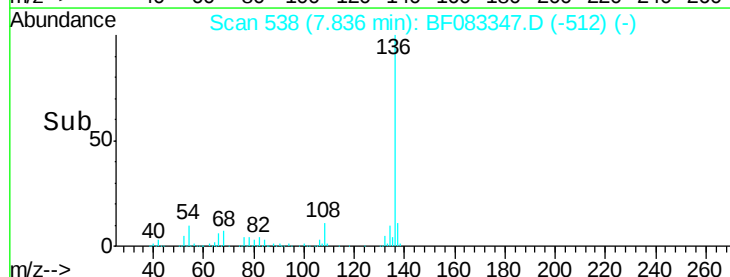
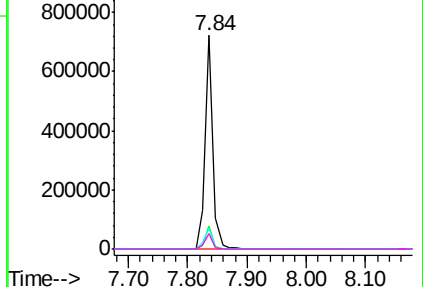


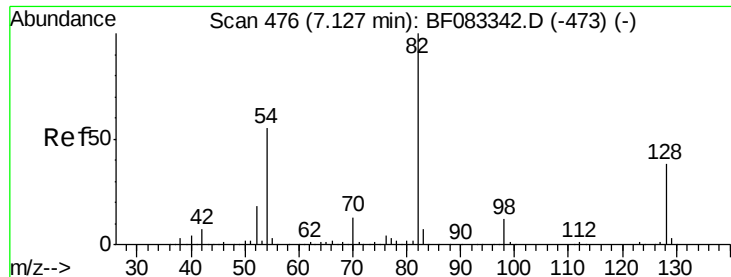
Abundance Ion 136.00 (135.70 to 136.70): E

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

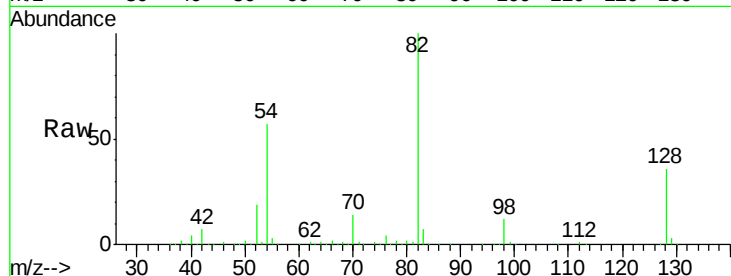




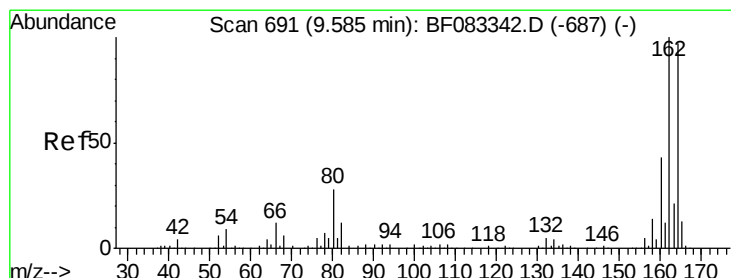
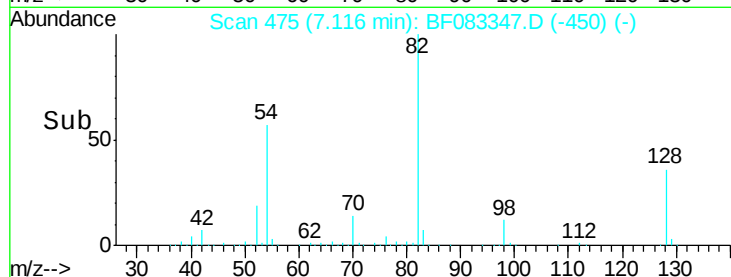
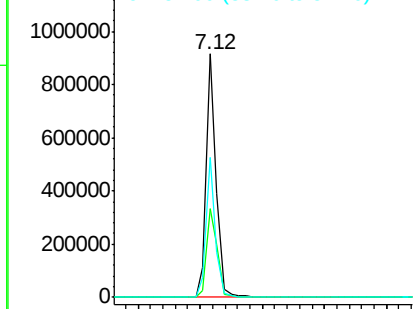
#23
 Nitrobenzene-d5
 Concen: 66.57 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

Tgt Ion: 82 Resp: 1024368
 Ion Ratio Lower Upper
 82 100
 128 36.3 30.6 46.0
 54 57.5 43.8 65.6

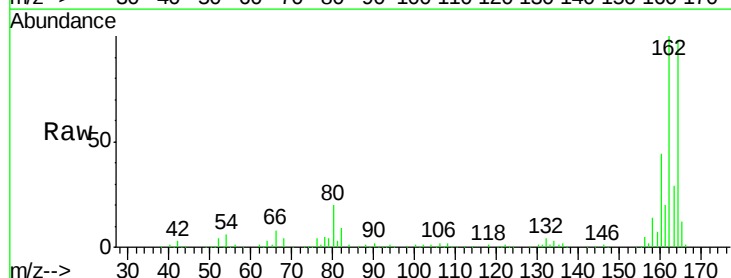


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

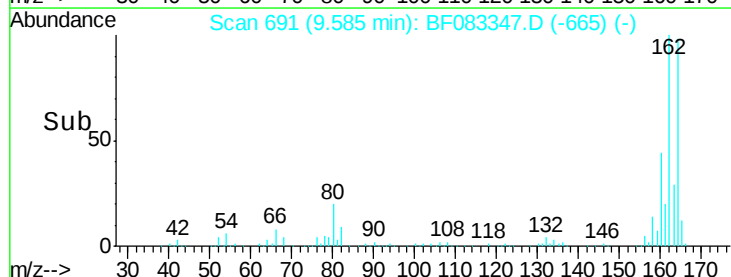
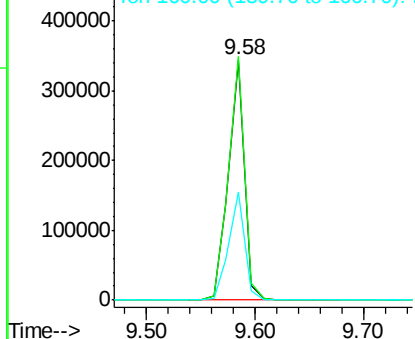


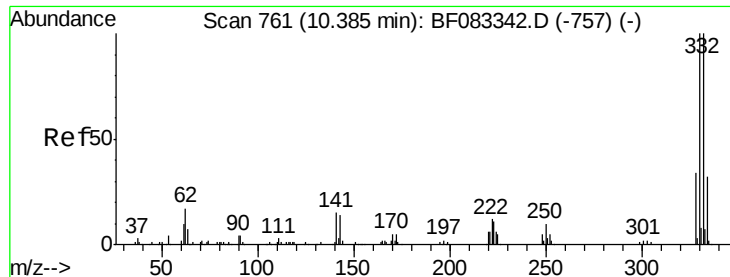
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Tgt Ion: 164 Resp: 350877
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 45.1 35.3 52.9



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

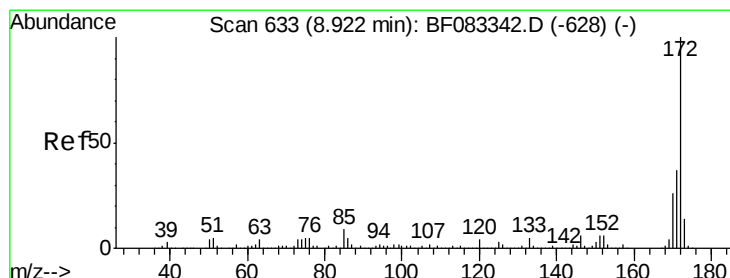
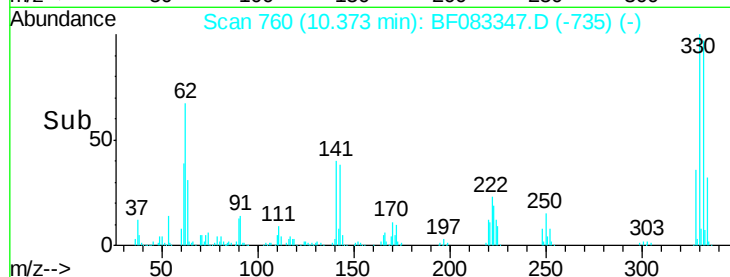
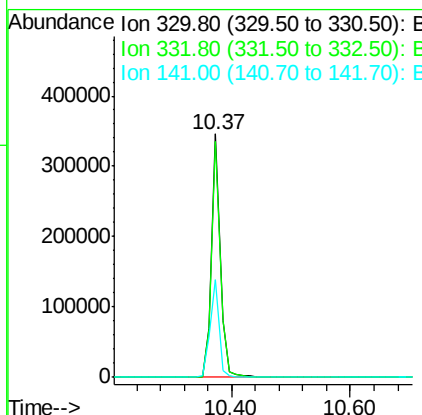
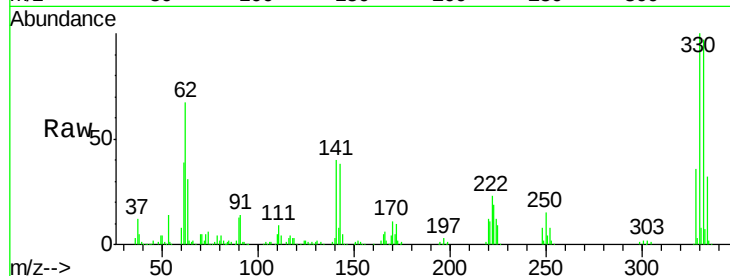




#41
 2,4,6-Tribromophenol
 Concen: 101.47 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

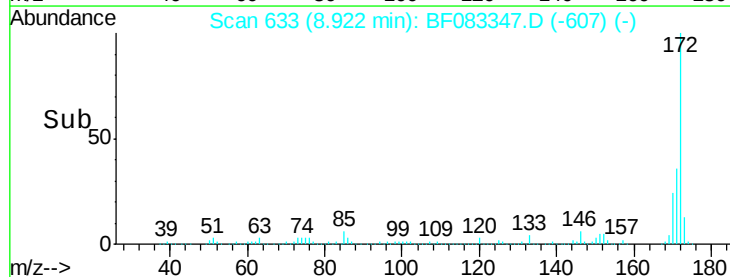
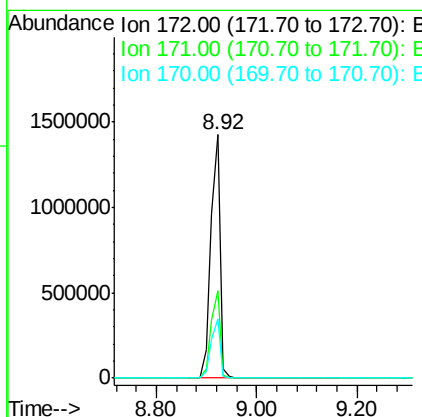
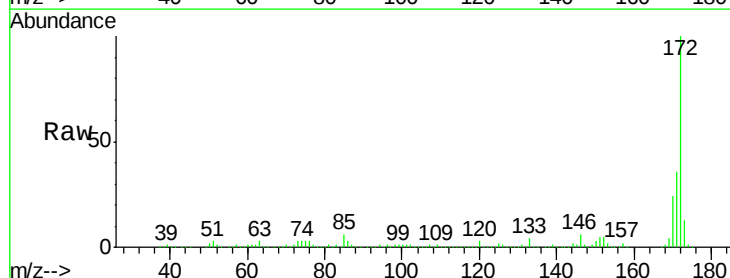
Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

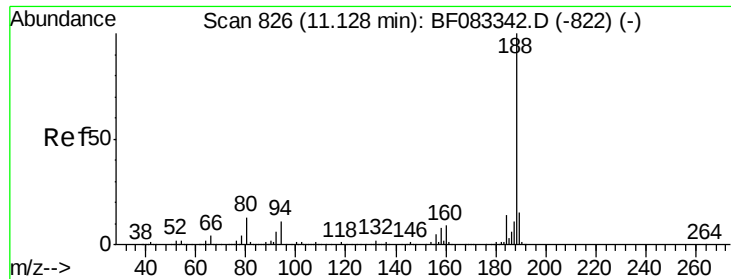
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	41.1	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.4	30.6

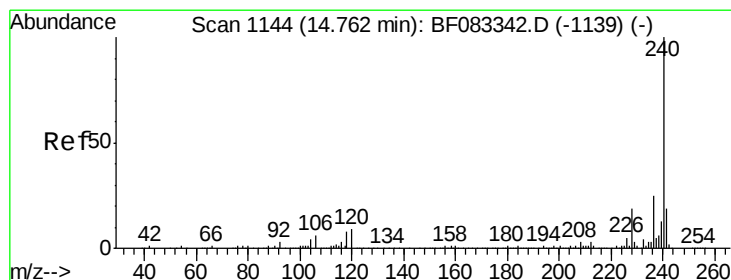
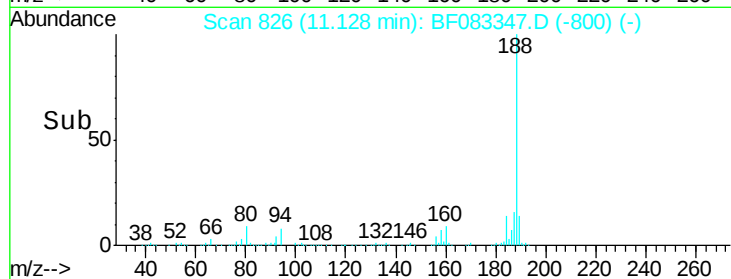
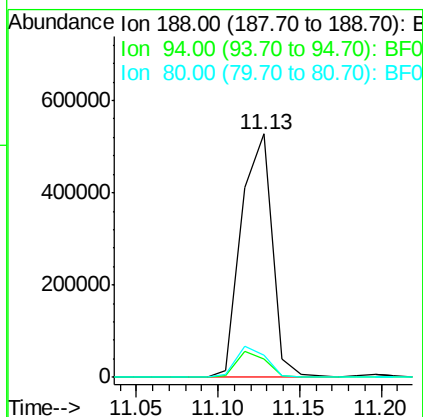
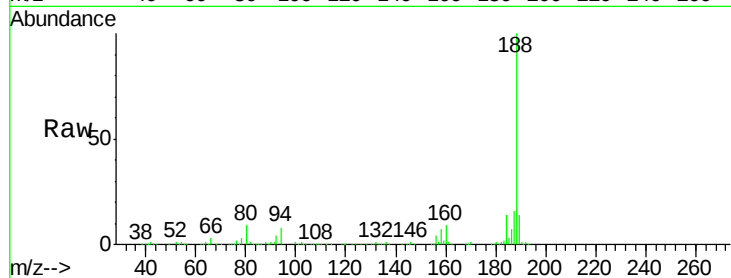




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083347.D
Acq: 30 Nov 2015 21:39

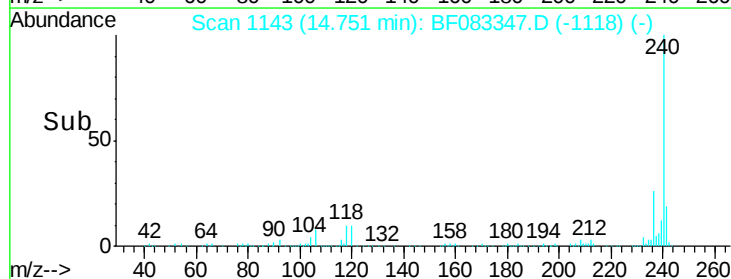
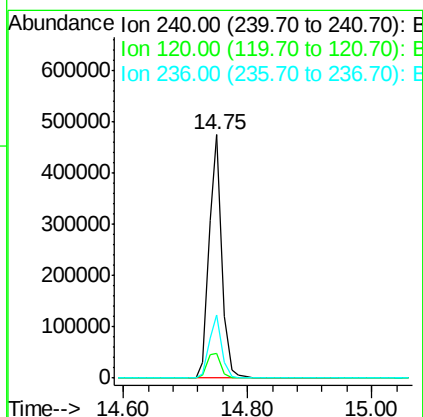
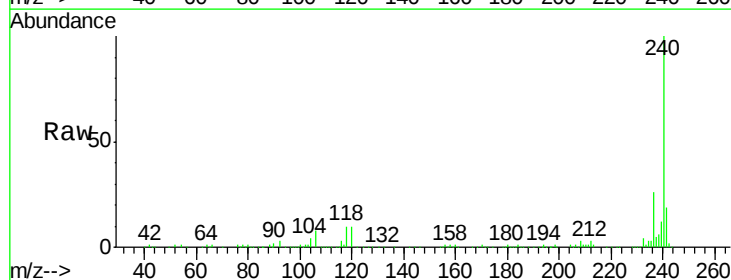
Instrument :
BNA_F
ClientSampleId :
PB86903BL

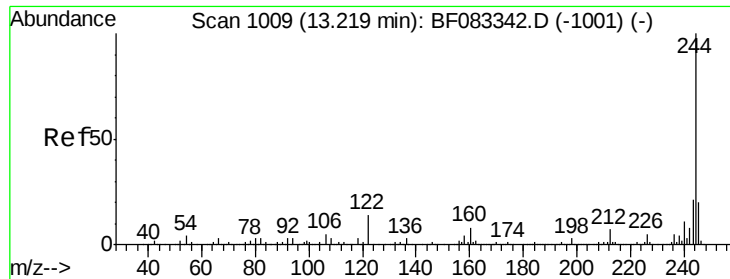
Tgt Ion:188 Resp: 688902
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.0 10.3 15.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083347.D
Acq: 30 Nov 2015 21:39

Tgt Ion:240 Resp: 662978
Ion Ratio Lower Upper
240 100
120 10.2 6.9 10.3
236 25.8 19.8 29.6

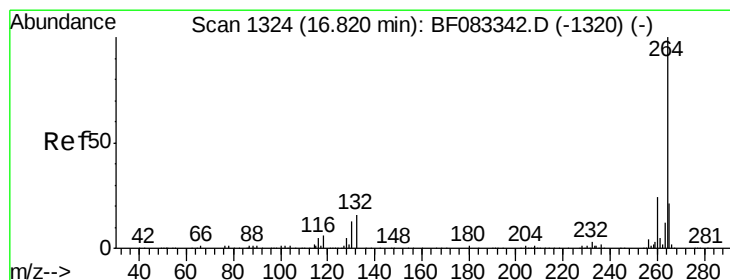
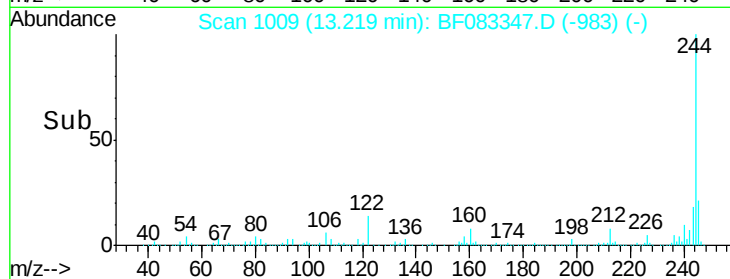
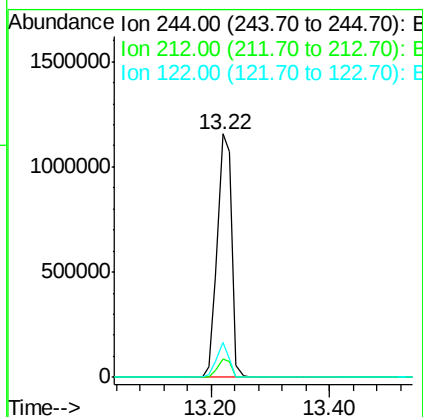
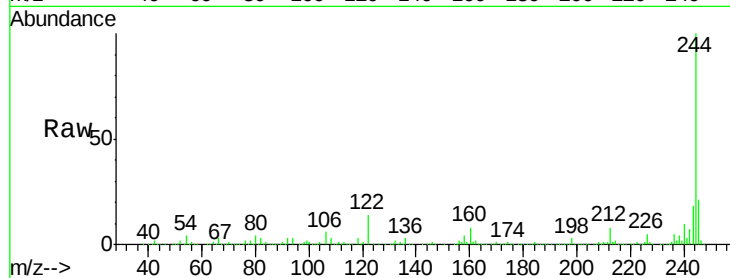




#78
 Terphenyl-d14
 Concen: 69.98 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

Tgt Ion:244 Resp: 1945406
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Tgt Ion:264 Resp: 559071
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.8 16.8 25.2

