

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\
 Data File : BF083324.D
 Acq On : 26 Nov 2015 17:35
 Operator : UM/IZ
 Sample : G4539-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Quant Time: Nov 27 00:23:17 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	6.58	152	152172m	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	519059	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	223219	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	394058	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	425261	20.00	ng	-0.08
86) Perylene-d12	15.07	264	320517	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	642356	63.82	ng	-0.10
7) Phenol-d6	6.25	99	530641	40.75	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1145601	100.85	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260260	113.97	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1484981	92.77	ng	-0.07
78) Terphenyl-d14	12.68	244	1394397	77.21	ng	-0.08

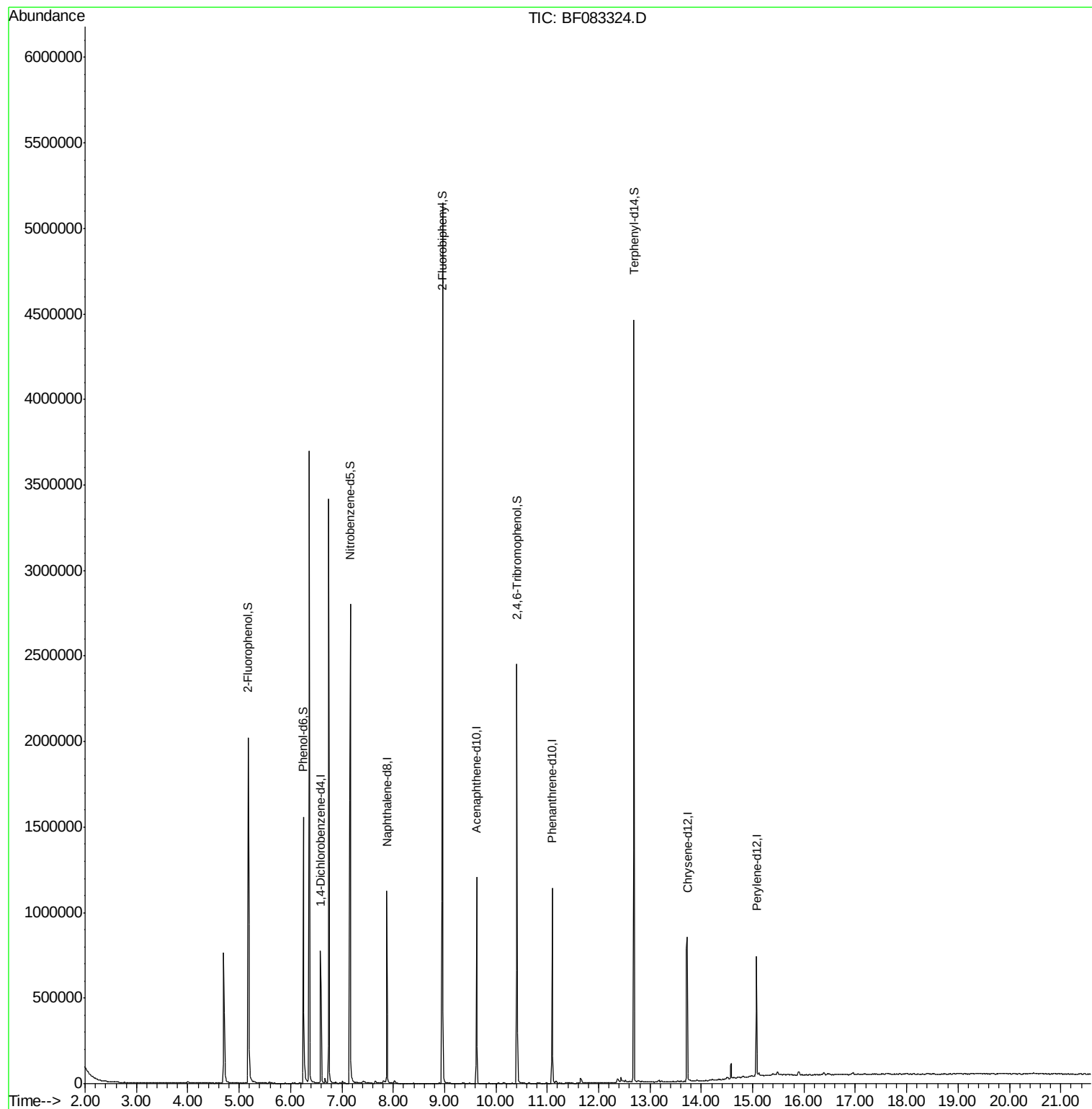
Target Compounds Qvalue

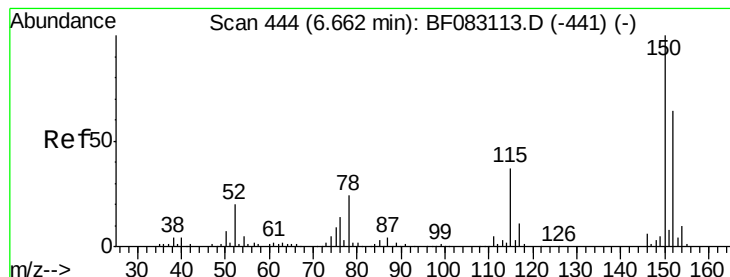
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.58 min Scan# 402

Delta R.T. -0.08 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-1

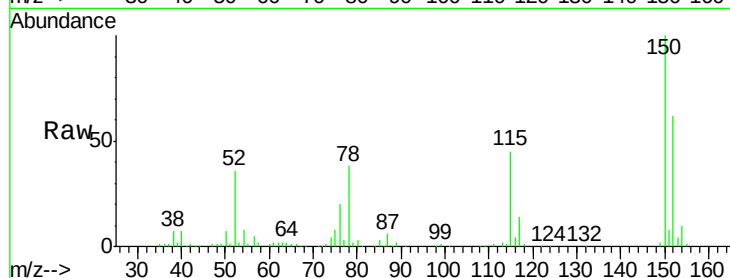
Tot Ion:152 Resp: 152172

Ion Ratio Lower Upper

152 100

150 160.6 125.8 188.8

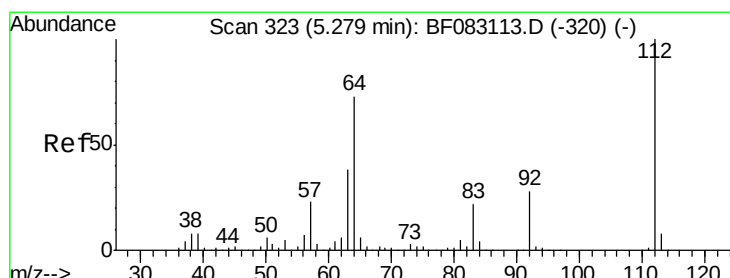
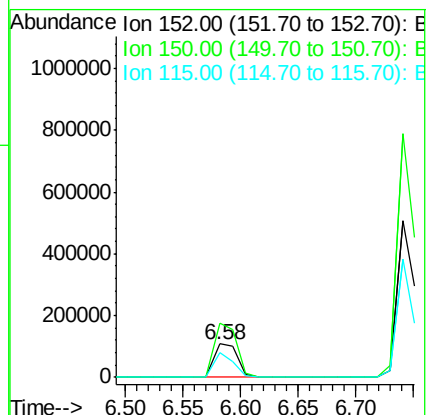
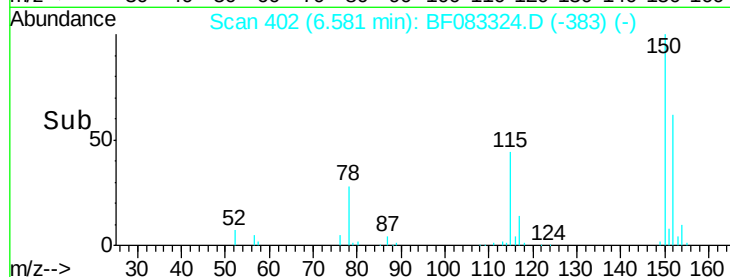
115 72.2 46.9 70.3#



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: 63.82 ng/mL

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

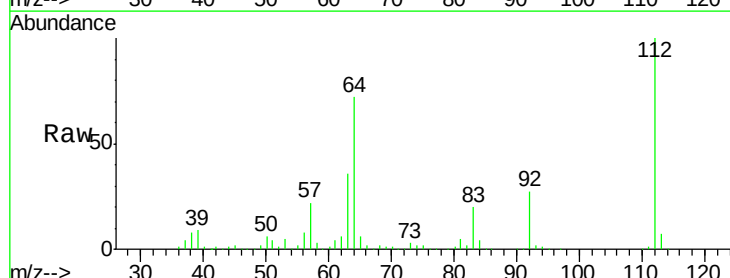
Tgt Ion:112 Resp: 642356

Ion Ratio Lower Upper

112 100

64 72.3 58.4 87.6

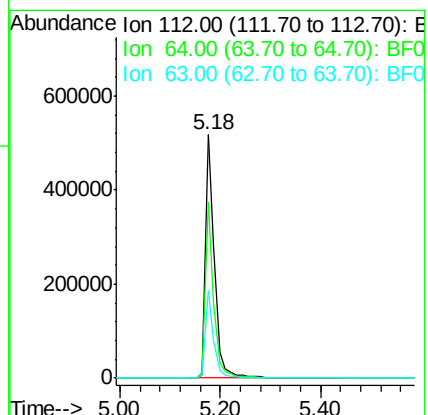
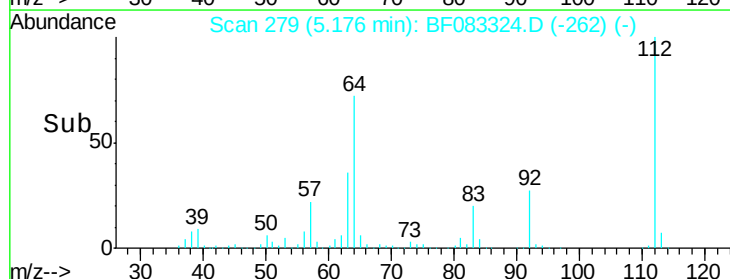
63 35.8 30.0 45.0

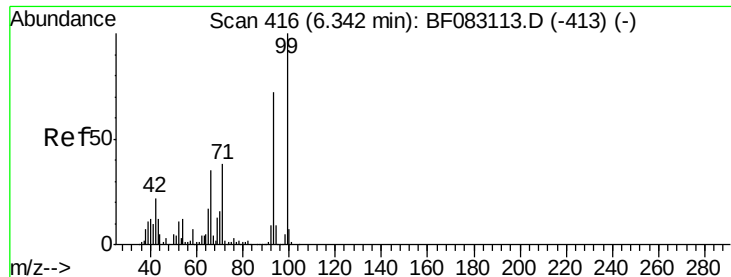


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.75 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-1

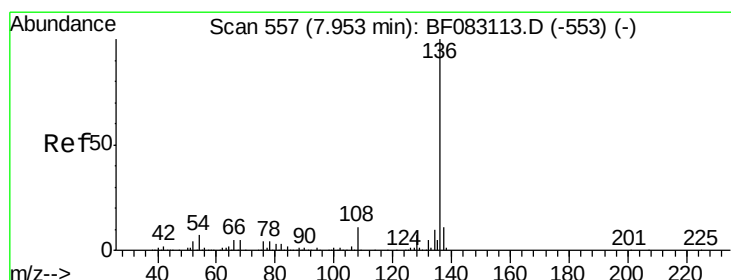
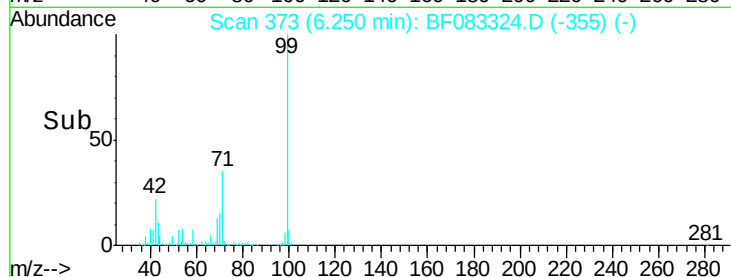
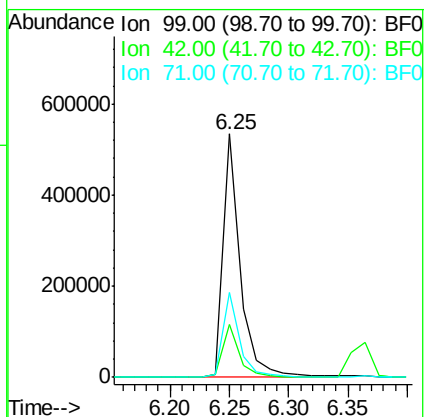
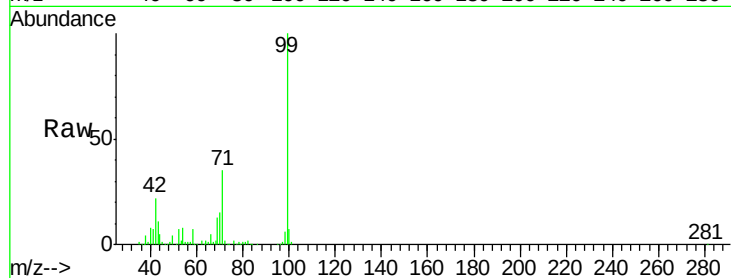
Tot Ion: 99 Resp: 530641

Ion Ratio Lower Upper

99 100

42 21.7 17.7 26.5

71 34.7 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Tgt Ion: 136 Resp: 519059

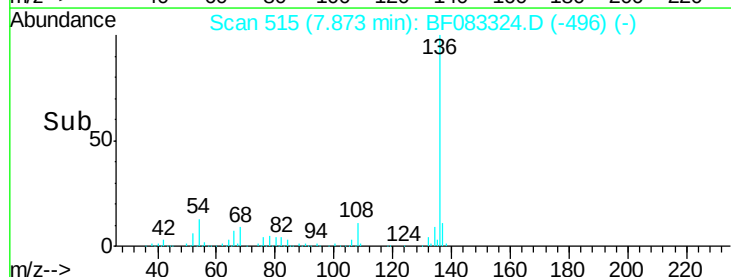
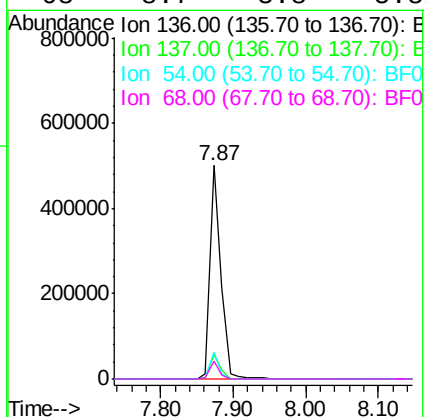
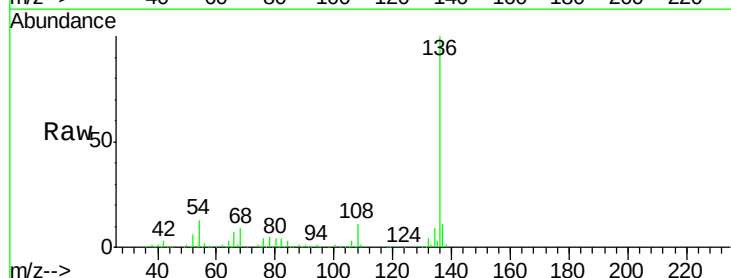
Ion Ratio Lower Upper

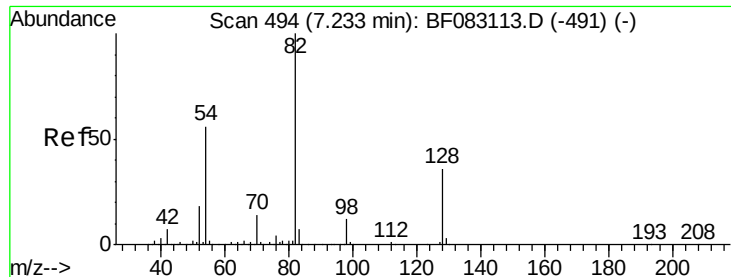
136 100

137 11.4 8.7 13.1

54 12.7 5.8 8.6#

68 8.7 3.8 5.8#

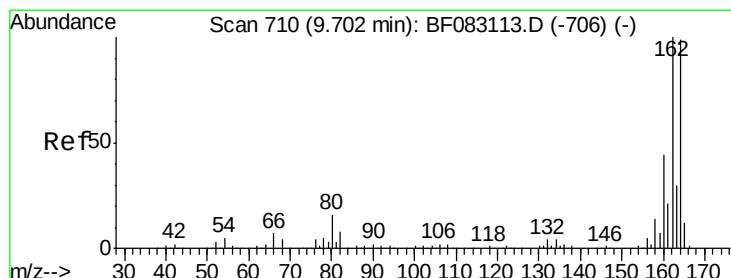
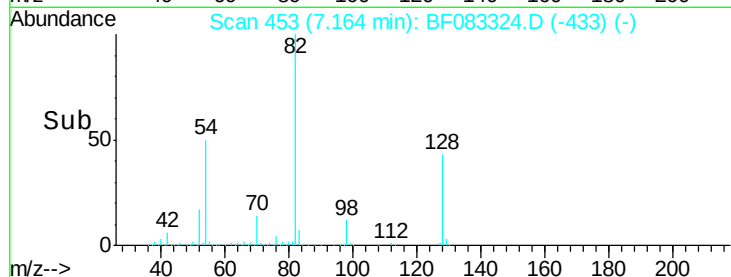
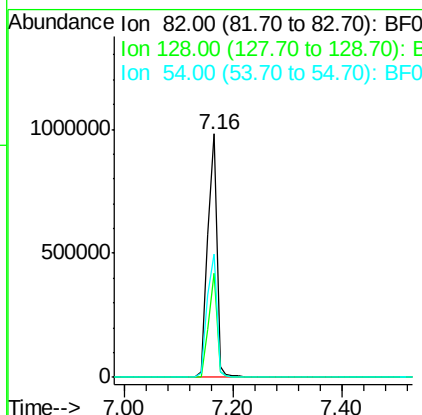
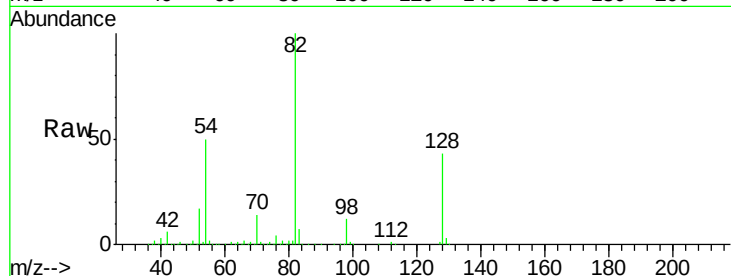




#23
 Nitrobenzene-d5
 Concen: 100.85 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

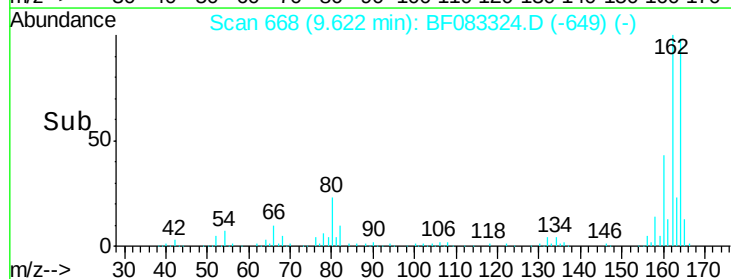
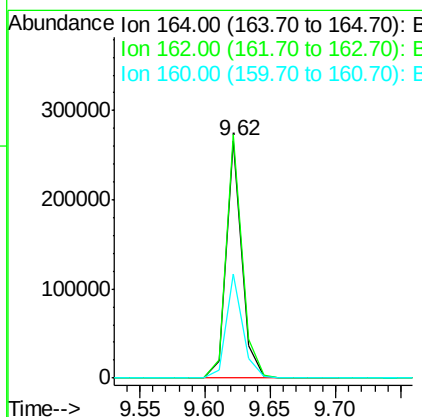
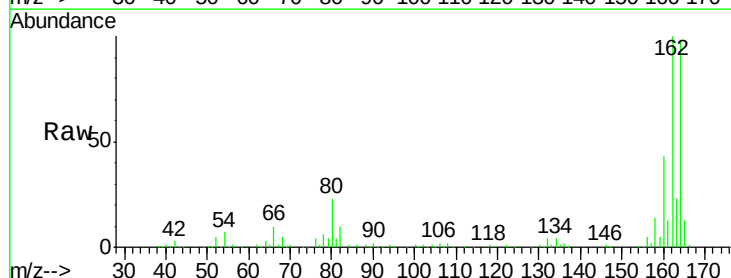
Instrument :
 BNA_F
 ClientSampleId :
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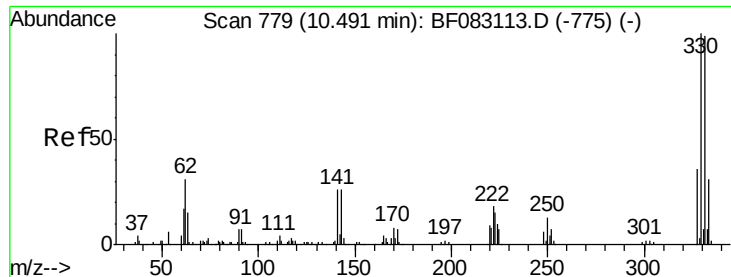
Tot Ion: 82 Resp: 1145601
 Ion Ratio Lower Upper
 82 100
 128 43.0 28.5 42.7#
 54 50.4 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Tgt Ion:164 Resp: 223219
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.2 121.8
 160 43.9 35.6 53.4

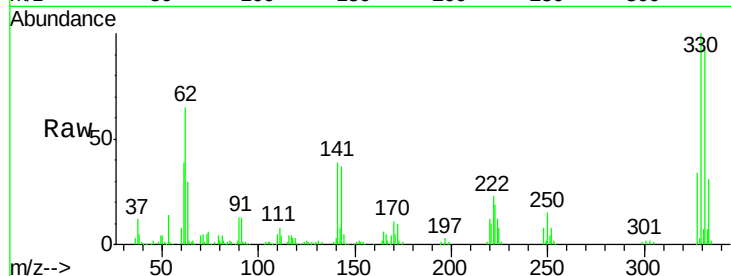




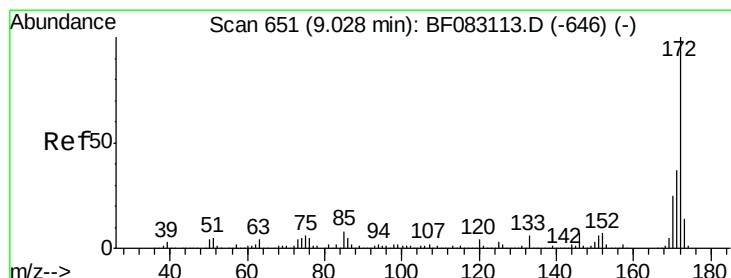
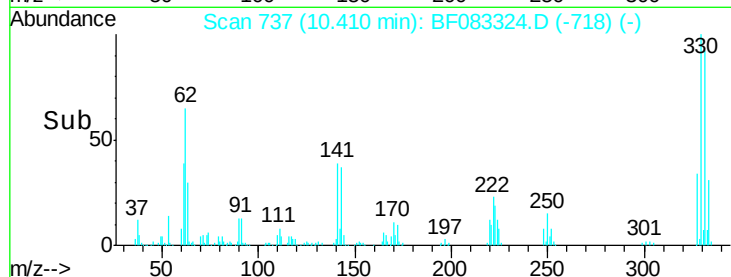
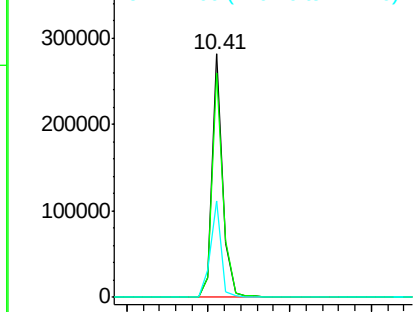
#41
 2,4,6-Tribromophenol
 Concen: 113.97 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.7	116.5
141	40.2	29.7	44.5

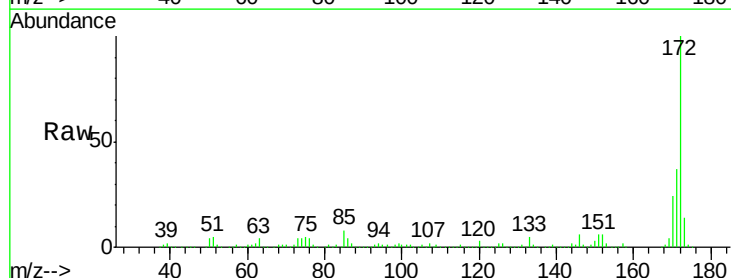


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

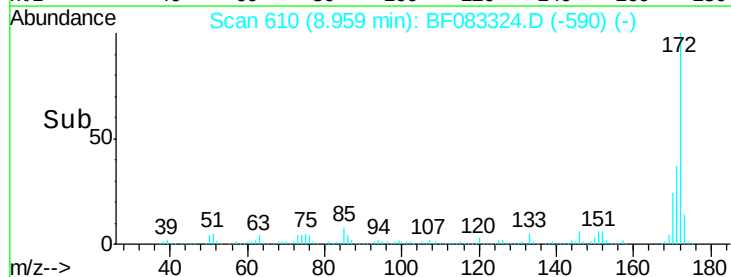
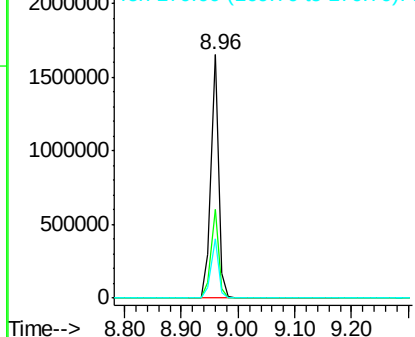


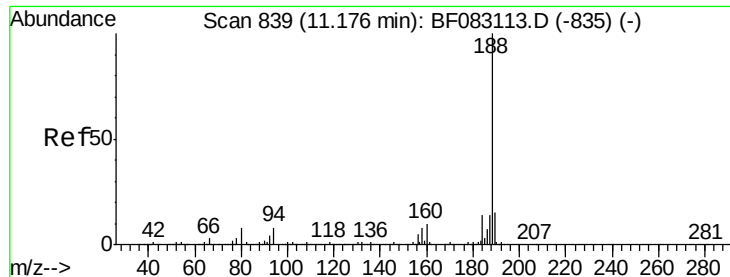
#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.5	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

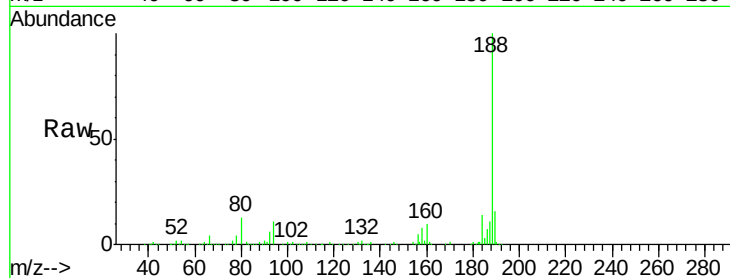




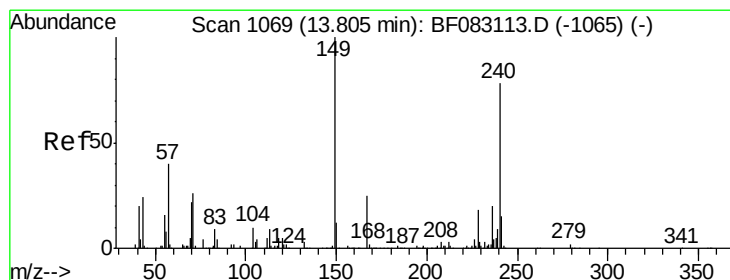
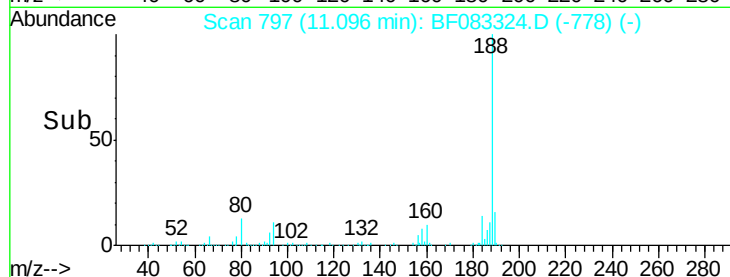
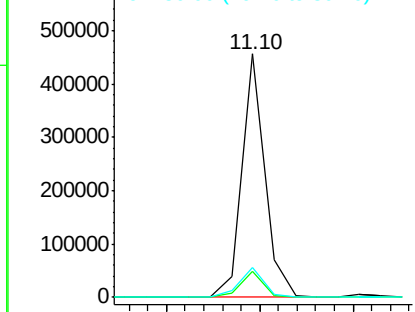
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083324.D
Acq: 26 Nov 2015 17:35

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-1

Tot Ion:188 Resp: 394058
Ion Ratio Lower Upper
188 100
94 10.9 6.0 9.0#
80 12.5 6.7 10.1#

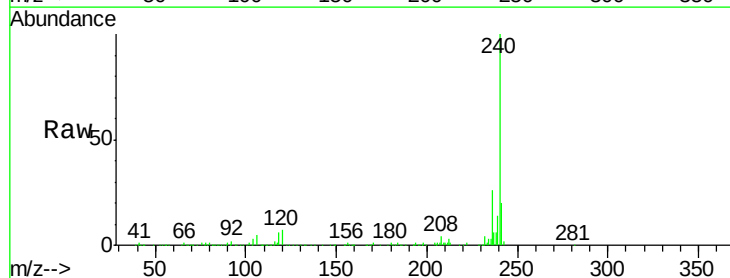


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

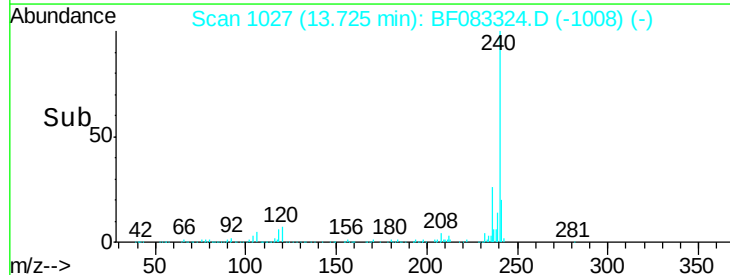
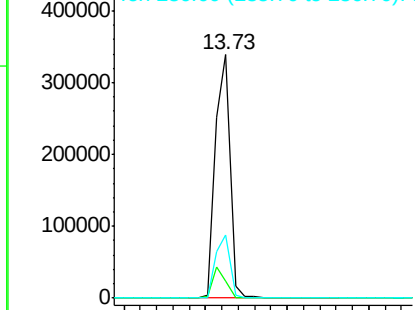


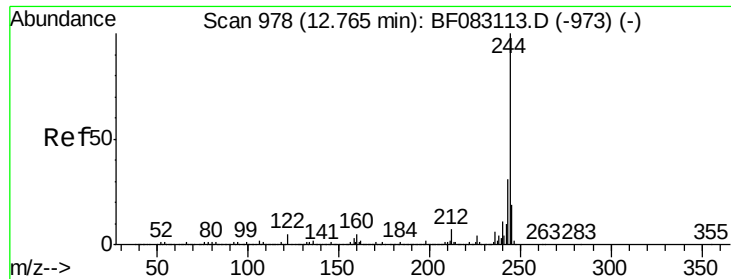
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083324.D
Acq: 26 Nov 2015 17:35

Tgt Ion:240 Resp: 425261
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.2
236 26.2 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

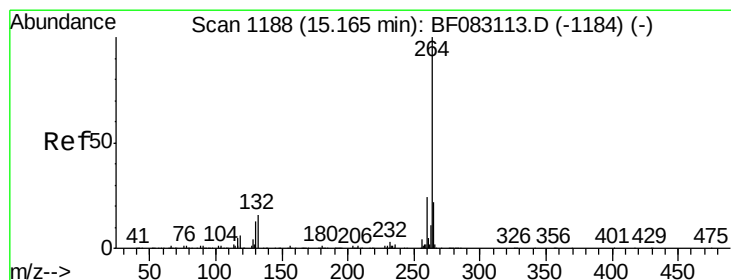
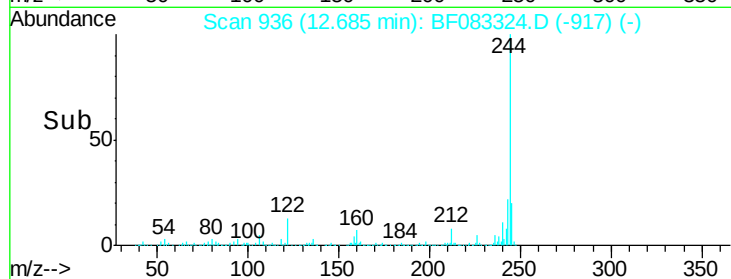
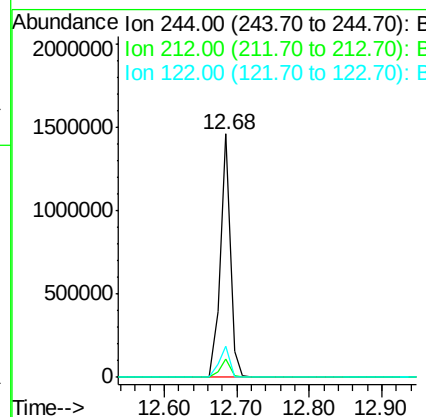
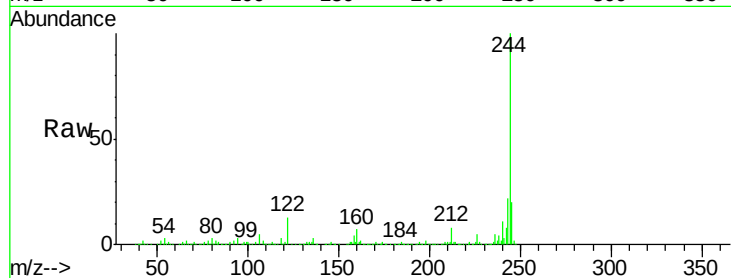




#78
 Terphenyl-d14
 Concen: 77.21 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:244 Resp: 1394397
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 12.6 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Tgt Ion:264 Resp: 320517
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 18.2 27.4

