

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 00:14:01 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

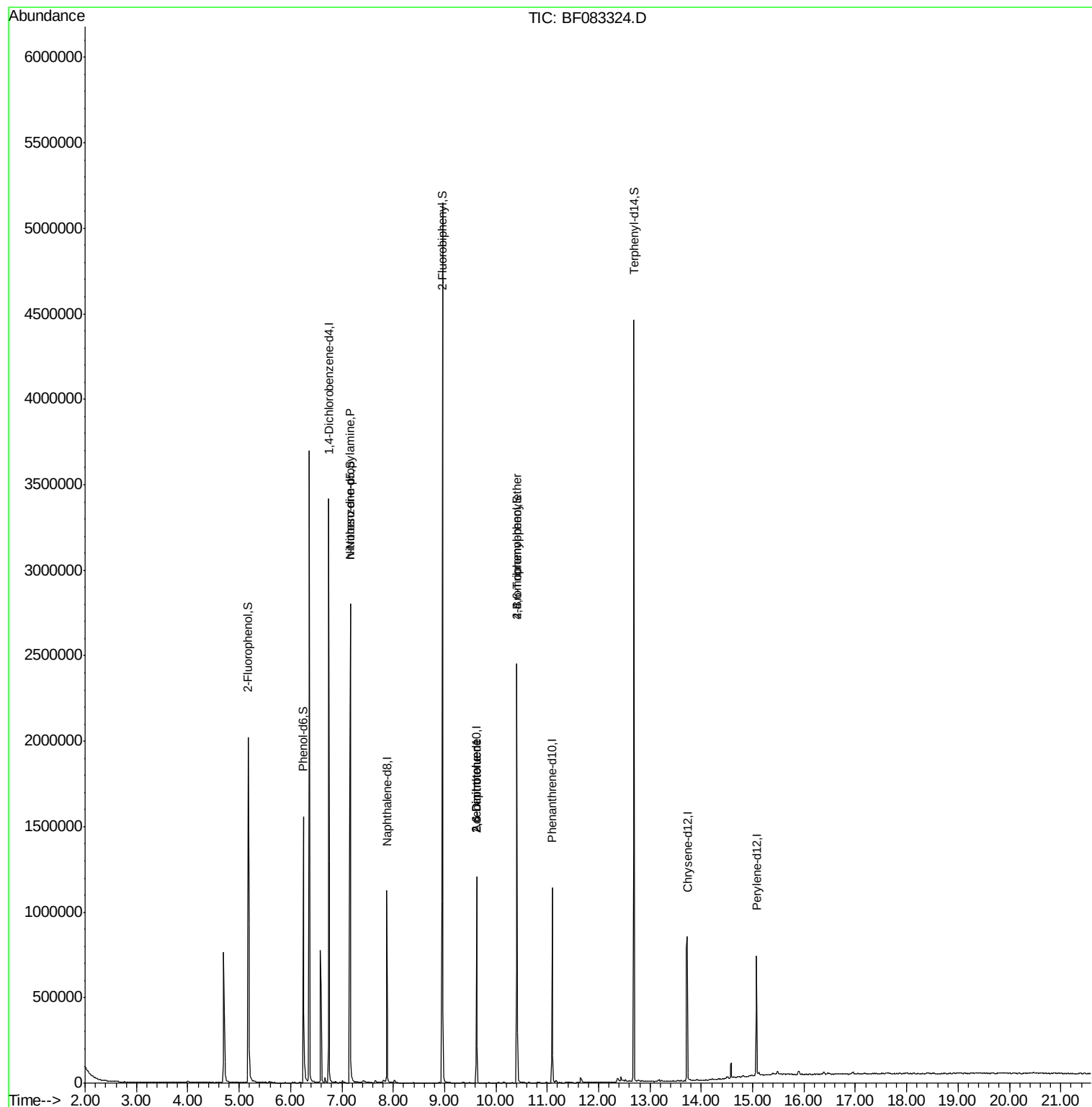
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	553384	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	519059	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	223219	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	394058	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	425261	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	17.55	ng	-0.10
7) Phenol-d6	6.25	99	530641	11.20	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						
9) Benzaldehyde	6.36	77	27736	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.16	70	155969	4.73 ng	#	74
50) 2,6-Dinitrotoluene	9.62	165	28889	7.49 ng	#	13
56) 2,4-Dinitrotoluene	9.62	165	28889	5.91 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	18915	4.33 ng	#	1

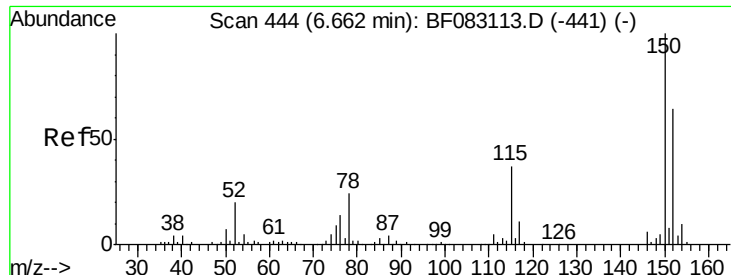
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 00:14:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-1

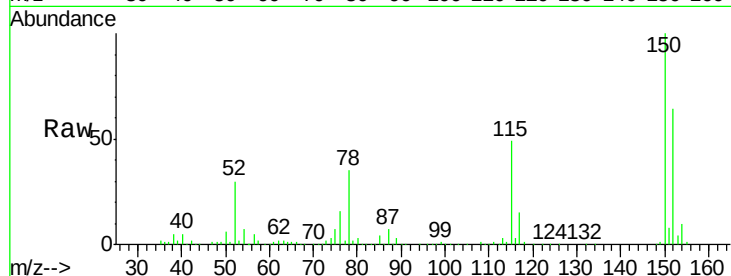
Tgt Ion:152 Resp: 553384

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.8

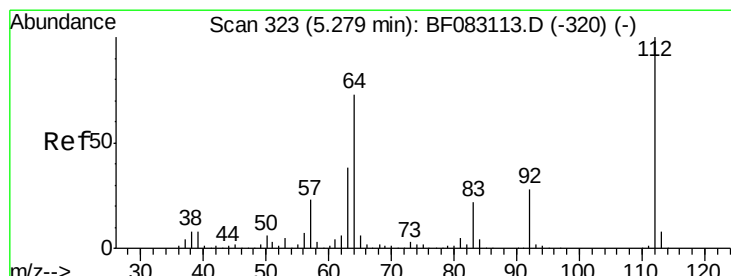
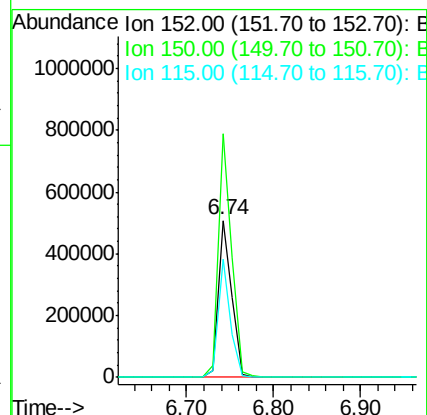
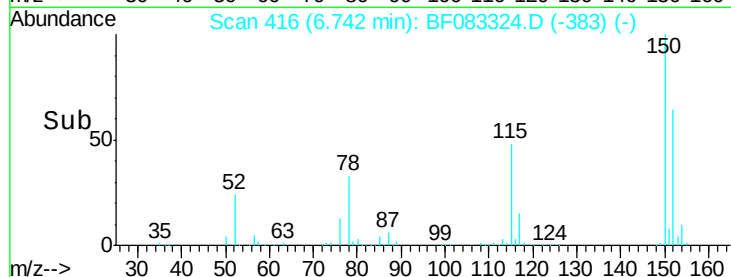
115 75.4 46.9 70.3#



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: 17.55 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

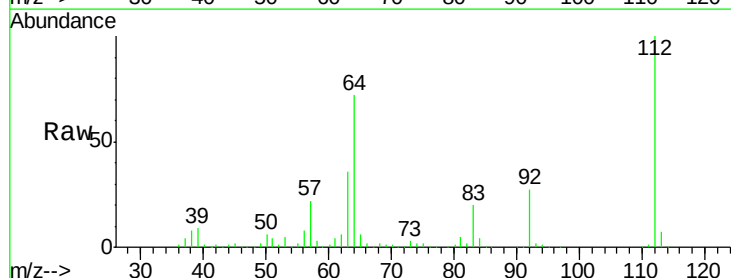
Tgt Ion:112 Resp: 642356

Ion Ratio Lower Upper

112 100

64 72.3 58.4 87.6

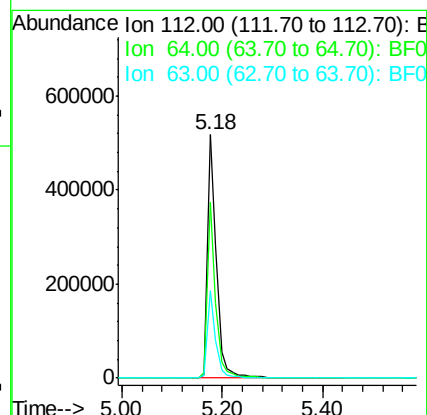
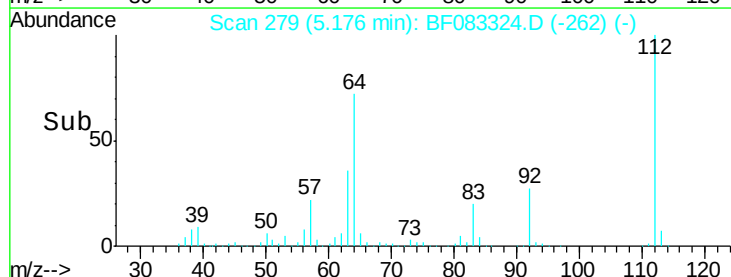
63 35.8 30.0 45.0

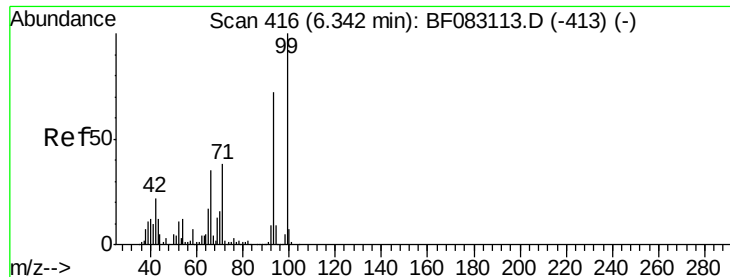


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.20 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

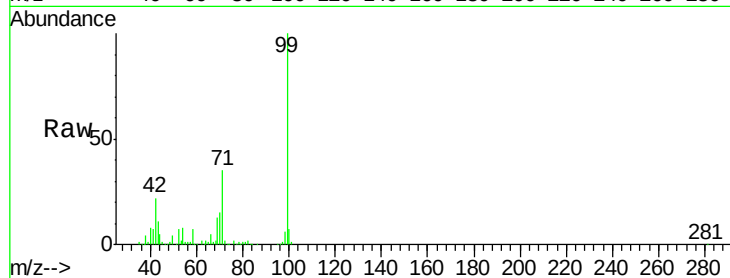
Tgt Ion: 99 Resp: 530641

Ion Ratio Lower Upper

99 100

42 21.7 17.7 26.5

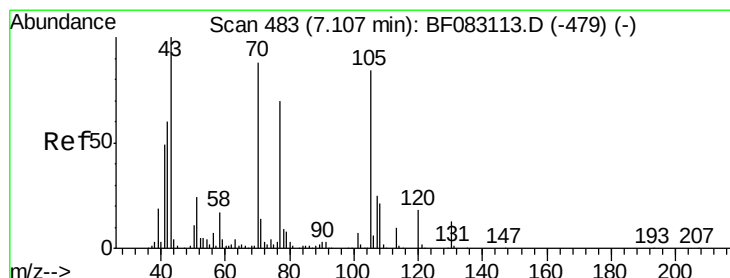
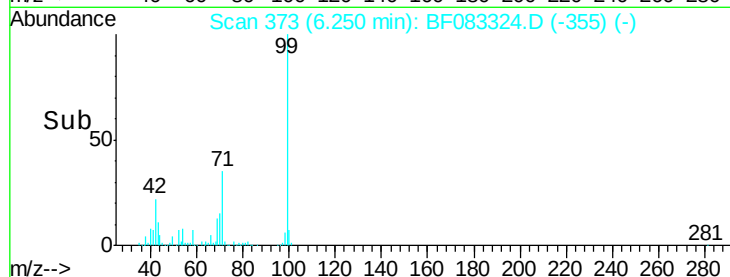
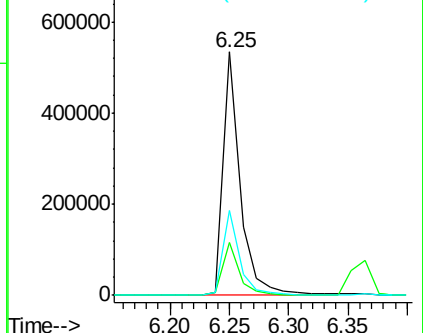
71 34.7 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.73 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Tgt Ion: 70 Resp: 155969

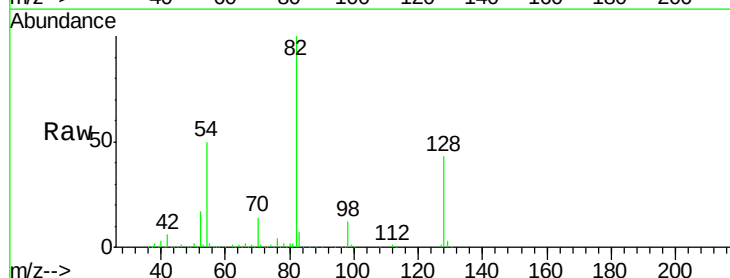
Ion Ratio Lower Upper

70 100

42 47.6 54.5 81.7#

101 0.0 6.6 9.8#

130 2.1 11.5 17.3#

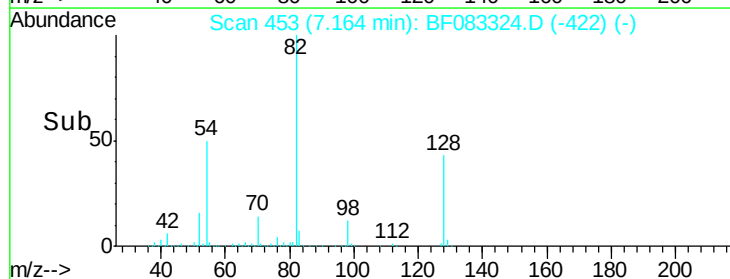
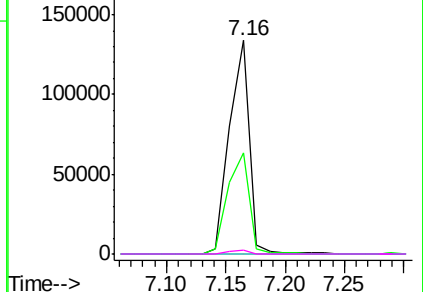


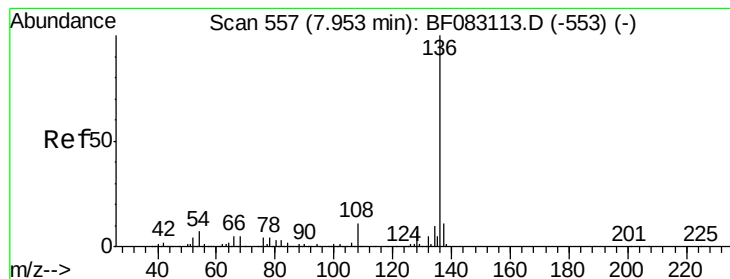
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 519059

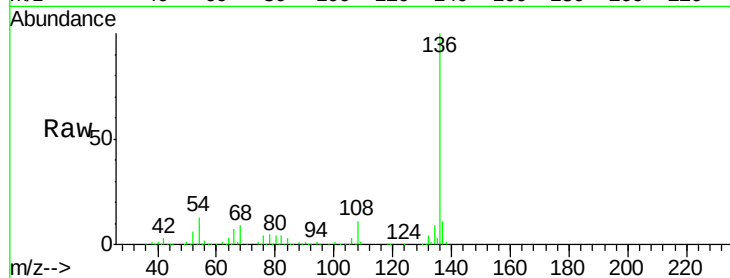
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 12.7 5.8 8.6#

68 8.7 3.8 5.8#

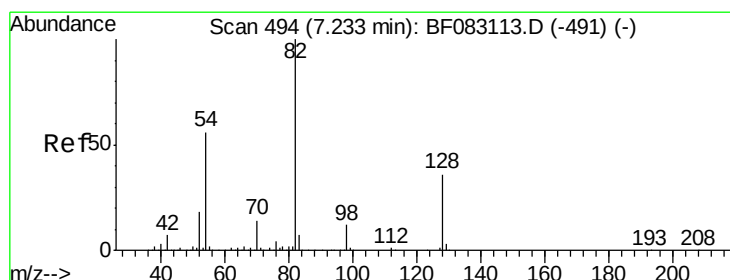
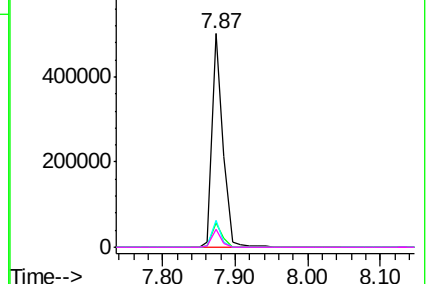
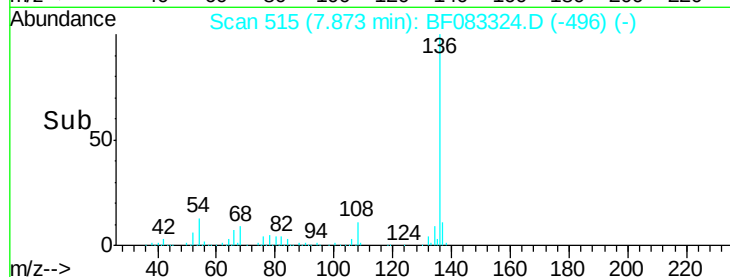


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

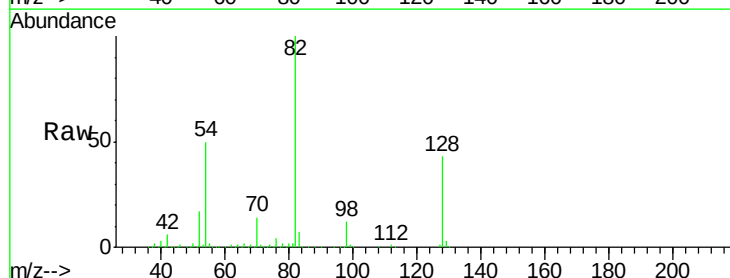
Tgt Ion: 82 Resp: 1145601

Ion Ratio Lower Upper

82 100

128 43.0 28.5 42.7#

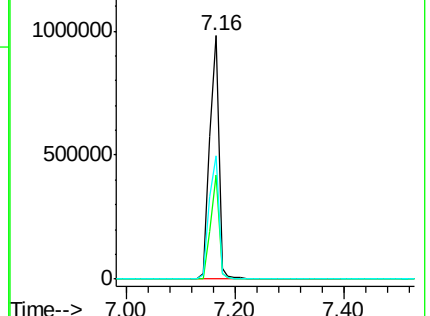
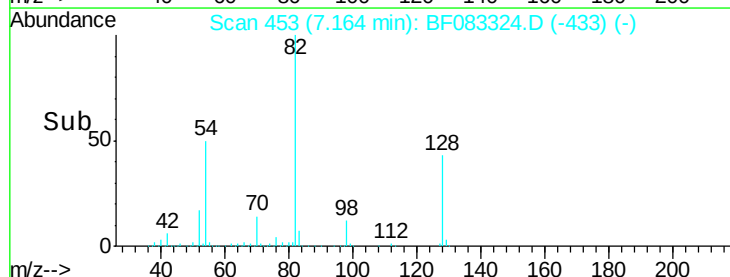
54 50.4 44.6 67.0

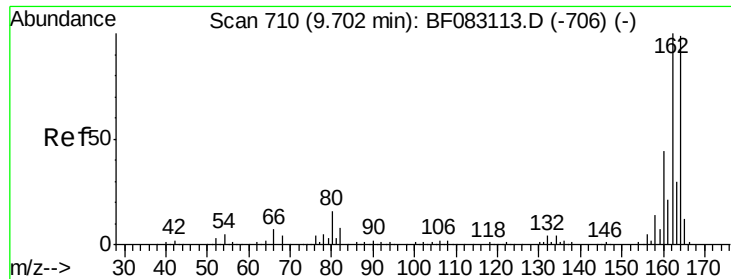


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083324.D

Acq: 26 Nov 2015 17:35

Instrument :

BNA_F

ClientSampleId :

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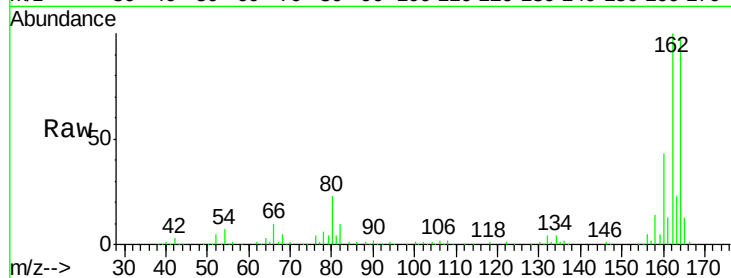
Tgt Ion:164 Resp: 223219

Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

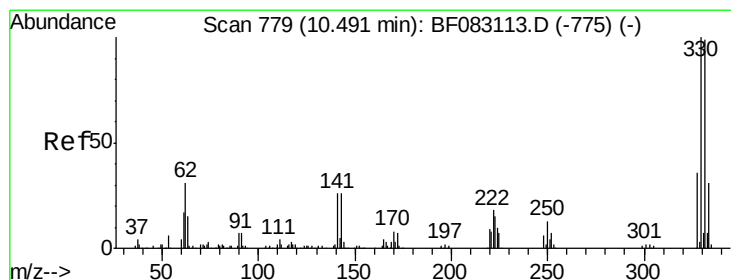
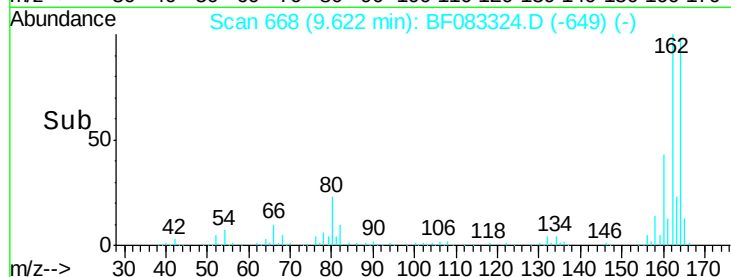
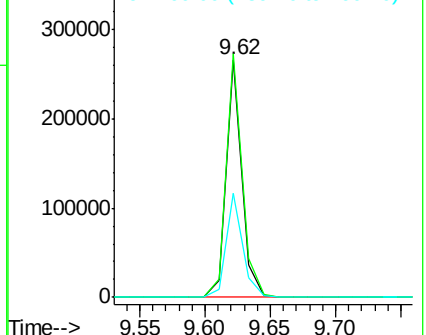
160 43.9 35.6 53.4



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: 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

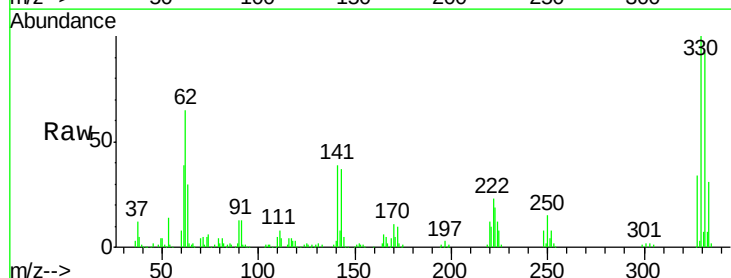
Tgt Ion:330 Resp: 260260

Ion Ratio Lower Upper

330 100

332 94.9 77.7 116.5

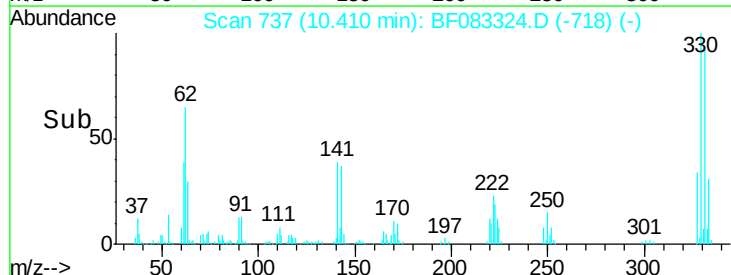
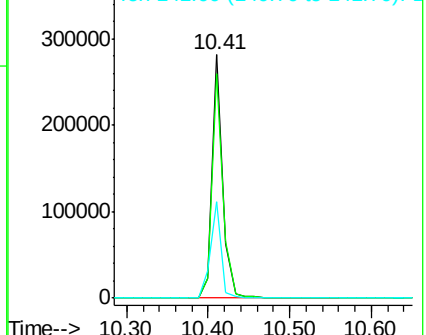
141 40.2 29.7 44.5

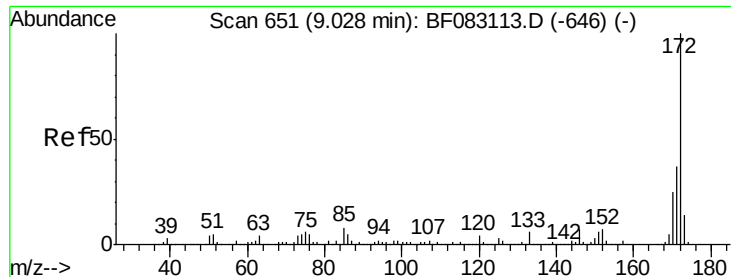


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

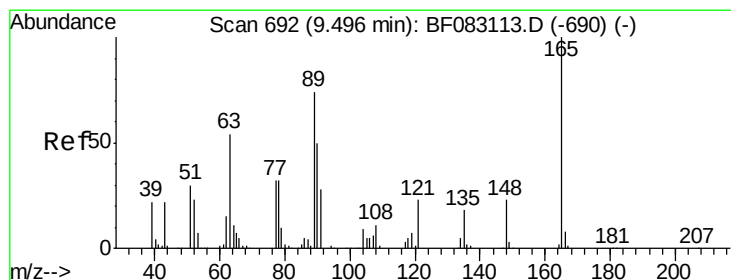
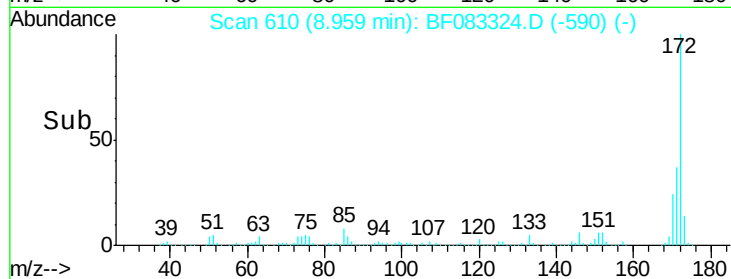
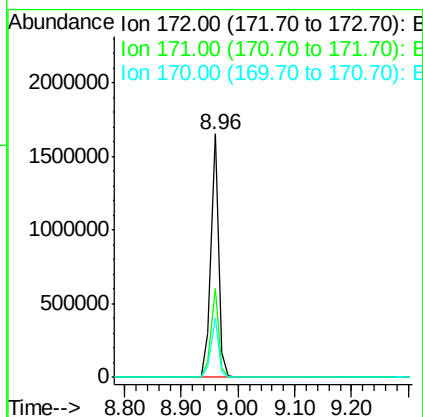
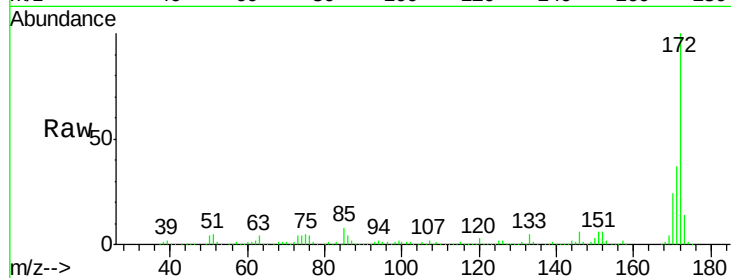




#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

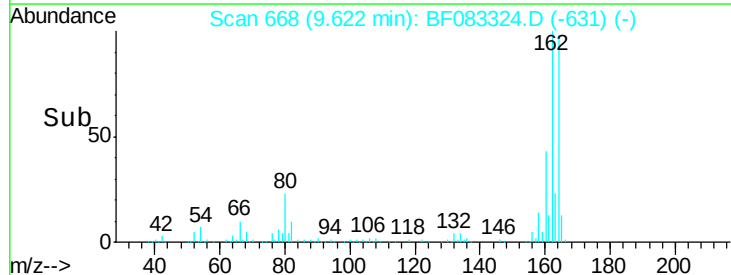
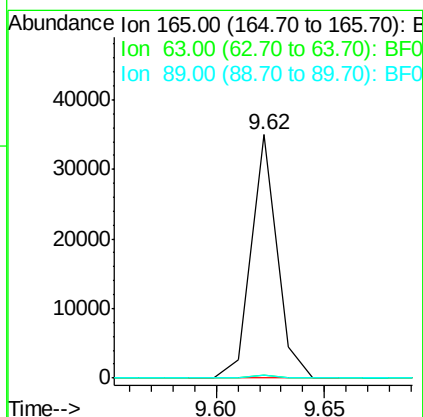
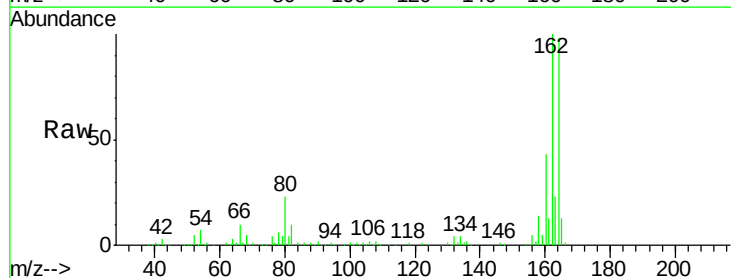
Instrument :
 BNA_F
 ClientSampleId :
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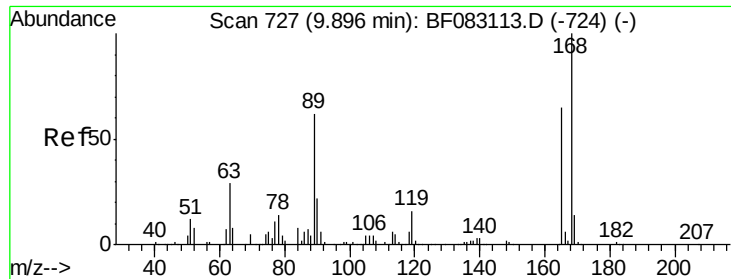
Tgt Ion:172 Resp: 1484981
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.5 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Tgt Ion:165 Resp: 28889
 Ion Ratio Lower Upper
 165 100
 63 1.4 62.5 93.7#
 89 1.1 59.1 88.7#

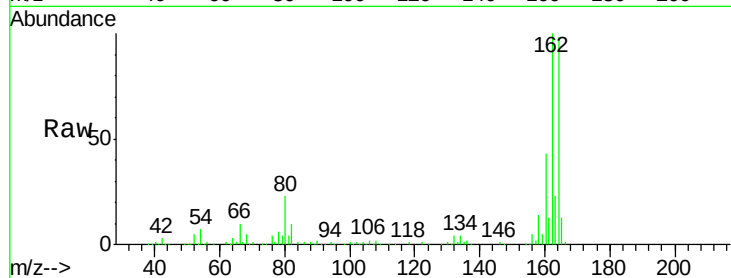




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tgt Ion:	165	Resp:	28889
Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.5	81.7#
89	1.1	77.3	115.9#
182	0.0	1.8	2.6#

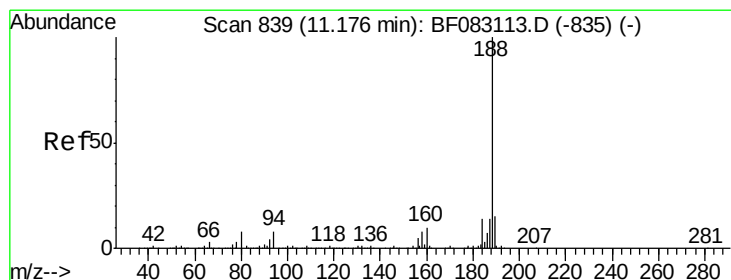
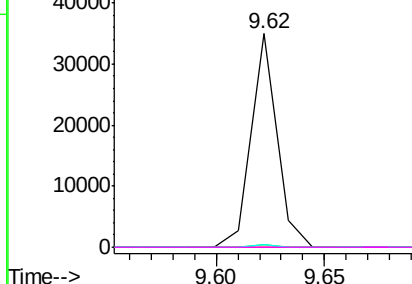
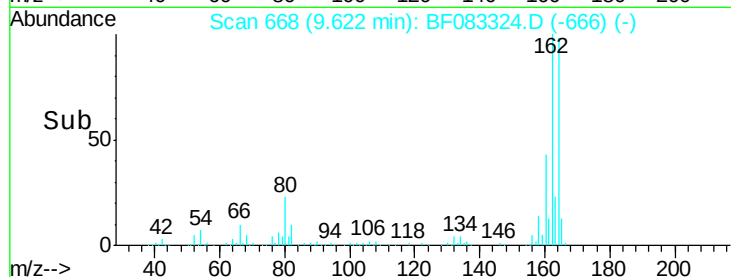


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

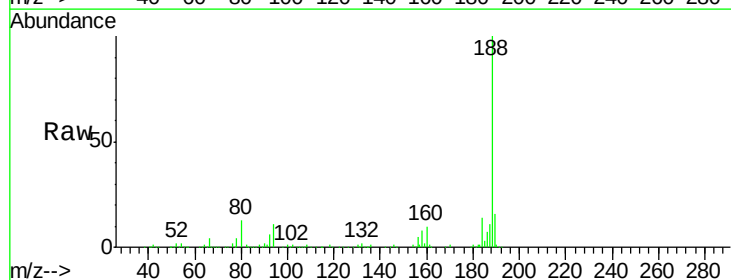
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

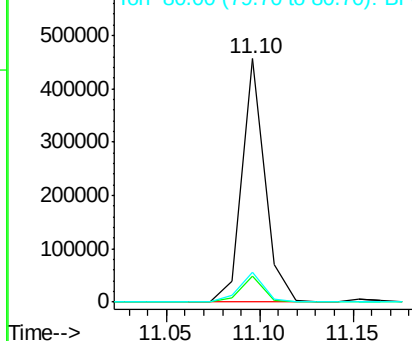
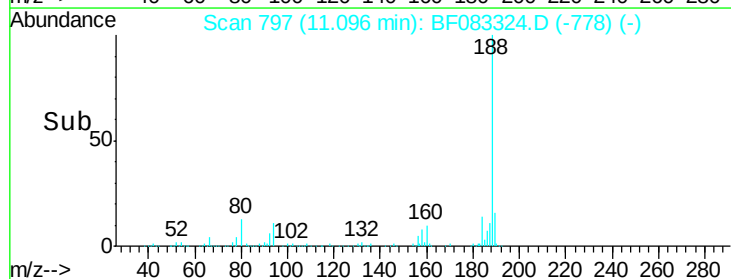
Tgt Ion:	188	Resp:	394058
Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.0	9.0#
80	12.5	6.7	10.1#

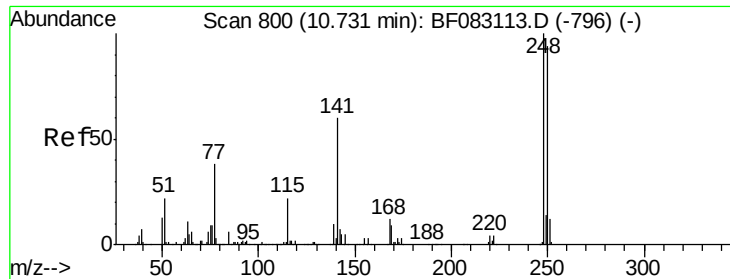


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

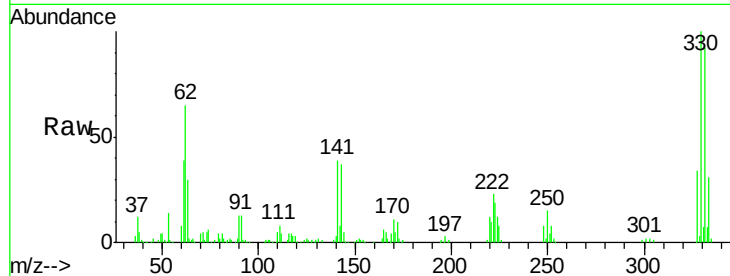




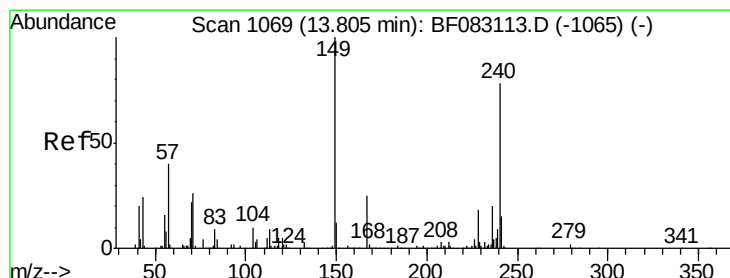
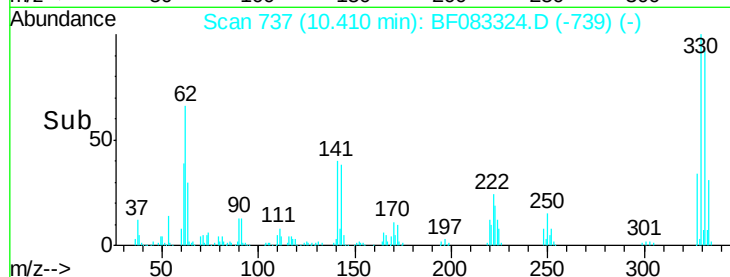
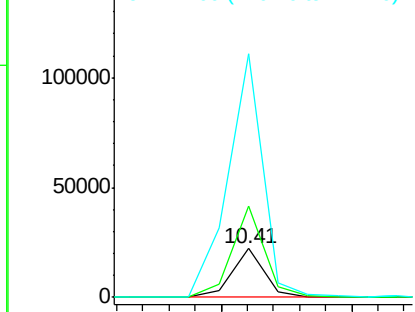
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083324.D
Acq: 26 Nov 2015 17:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:248 Resp: 18915
Ion Ratio Lower Upper
248 100
250 187.4 75.4 113.2#
141 500.2 48.1 72.1#

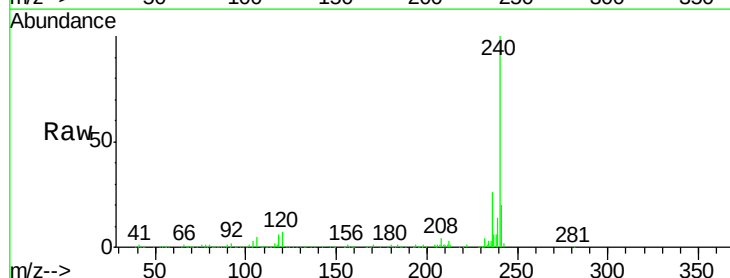


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

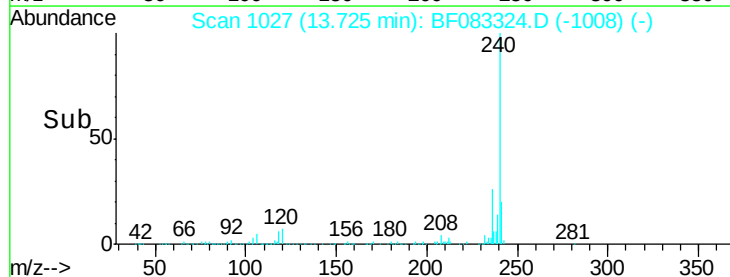
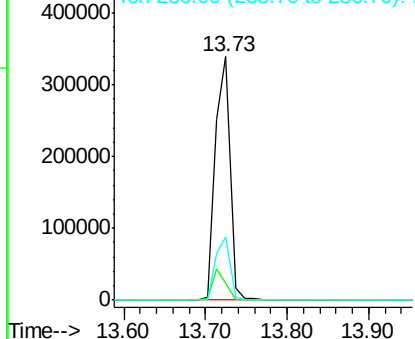


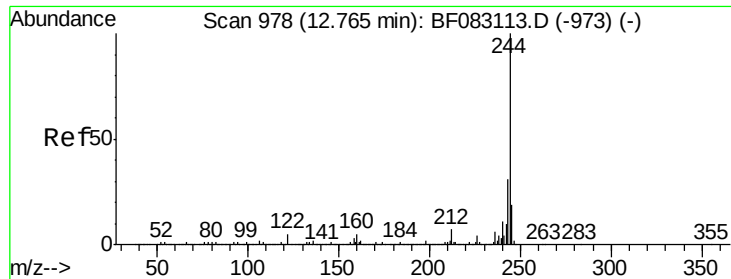
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083324.D
Acq: 26 Nov 2015 17:35

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

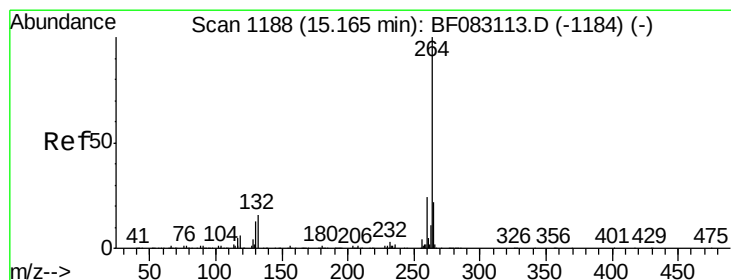
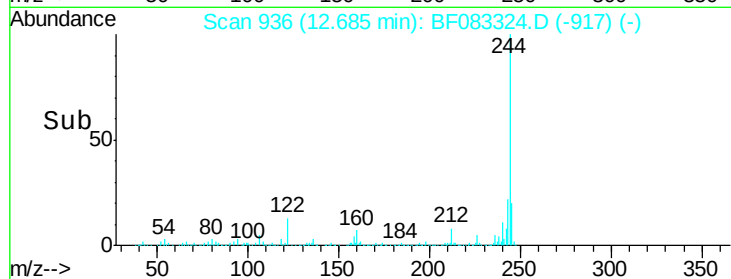
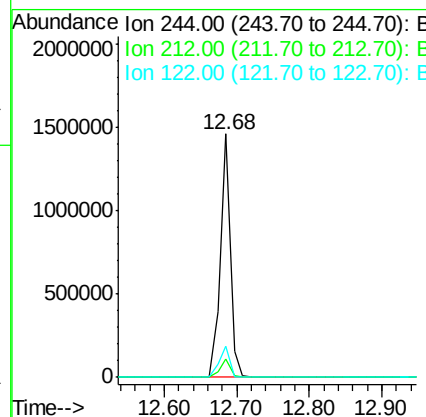
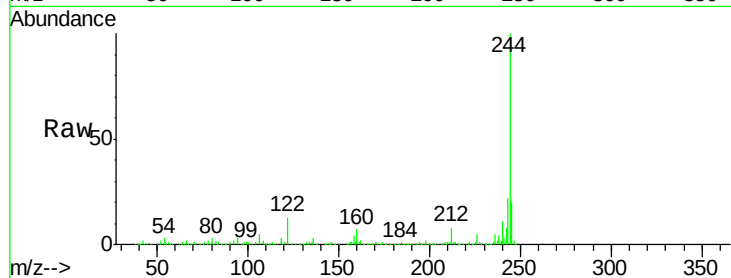




#78
 Terphenyl-d14
 Concen: 77.21 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083324.D
 Acq: 26 Nov 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tgt 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

