

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083353.D
 Acq On : 1 Dec 2015 00:42
 Operator : UM/IZ
 Sample : G4571-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Quant Time: Dec 01 02:16:11 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

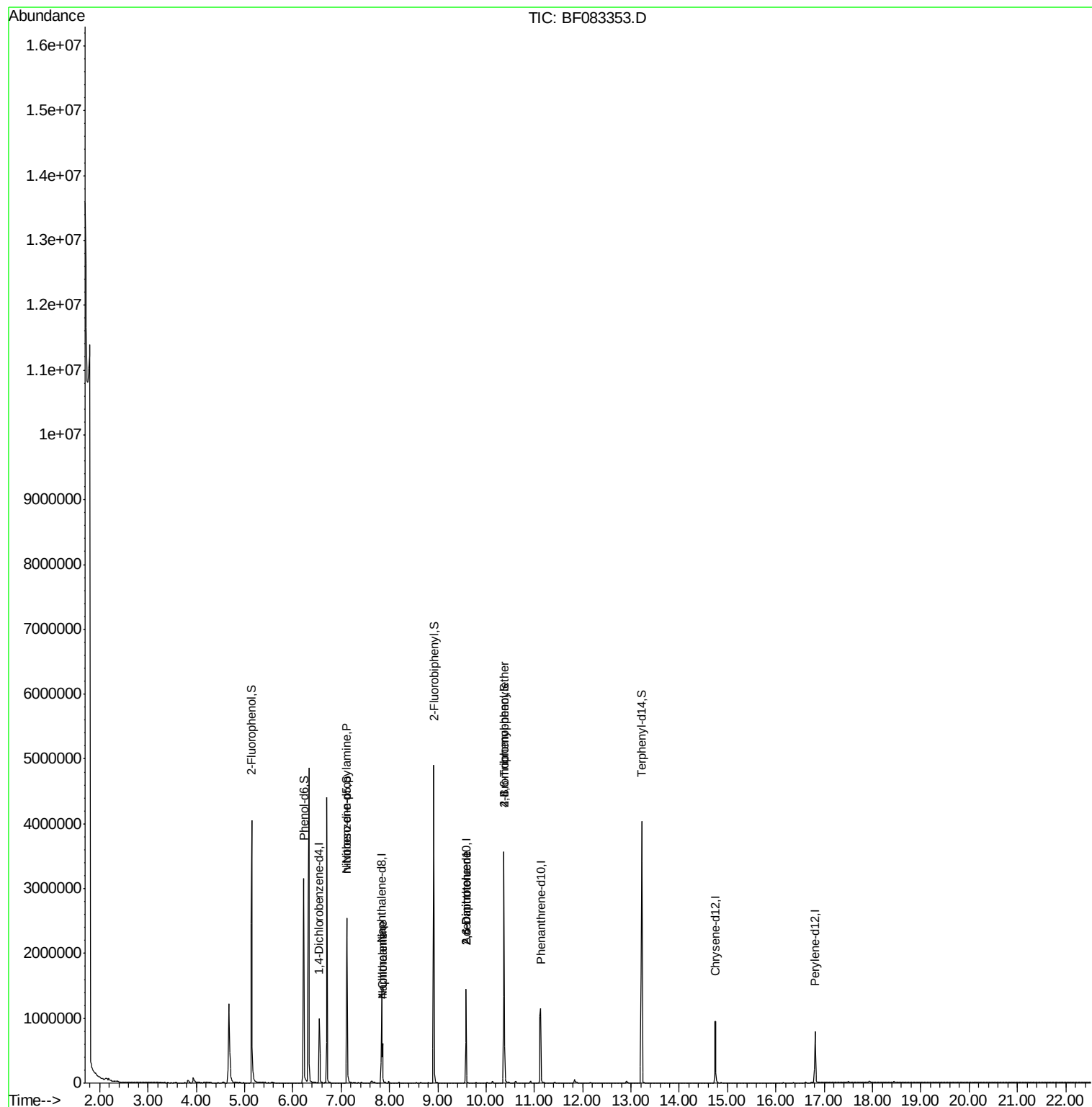
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	161635	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	631244	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	327844	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	624223	20.00	ng	0.00
75) Chrysene-d12	14.75	240	583500	20.00	ng	-0.01
86) Perylene-d12	16.81	264	472553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1380558	128.17	ng	0.02
7) Phenol-d6	6.22	99	1649938	111.91	ng	0.00
23) Nitrobenzene-d5	7.12	82	1274129	88.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	416839	126.66	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2089253	90.81	ng	0.00
78) Terphenyl-d14	13.22	244	2175410	88.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	1999	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	167723	15.91 ng	#	84
31) Naphthalene	7.86	128	300714	8.78 ng	#	98
33) 4-Chloroaniline	7.86	127	38548	2.61 ng	#	33
50) 2,6-Dinitrotoluene	9.58	165	39675	6.97 ng	#	19
56) 2,4-Dinitrotoluene	9.58	165	39675	5.50 ng	#	7
66) 4-Bromophenyl-phenylether	10.37	248	24060	3.52 ng	#	1

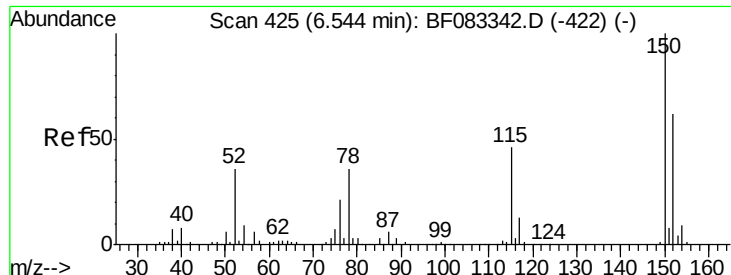
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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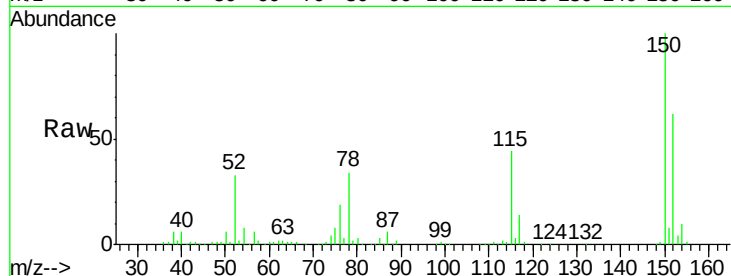




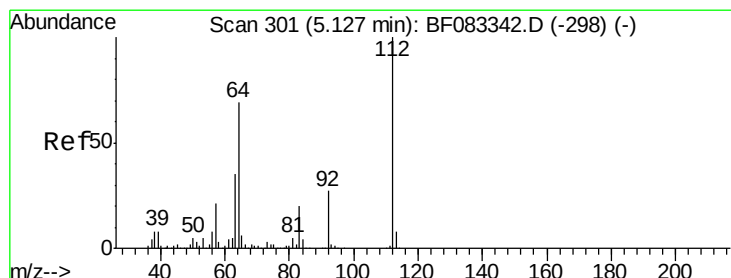
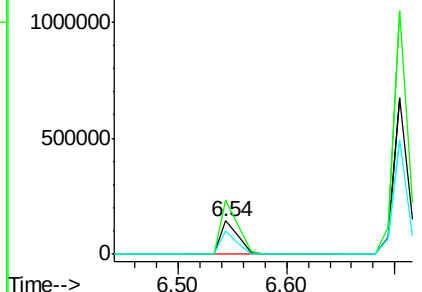
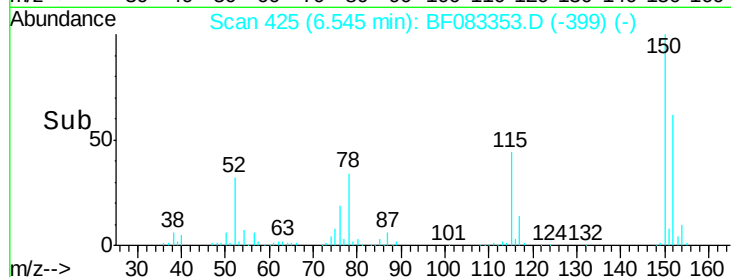
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Tgt Ion:152 Resp: 161635
 Ion Ratio Lower Upper
 152 100
 150 162.2 129.8 194.8
 115 72.0 59.2 88.8

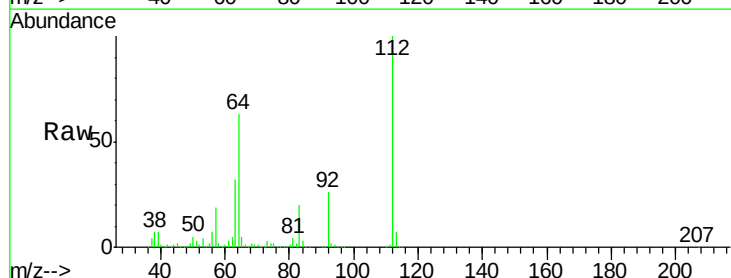


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

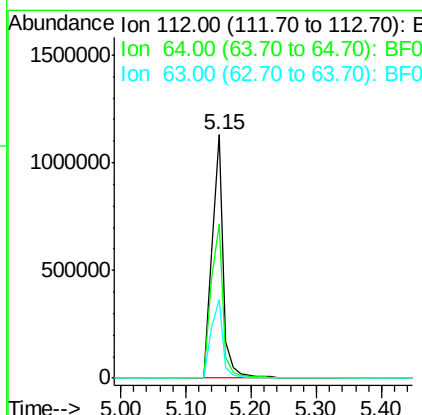
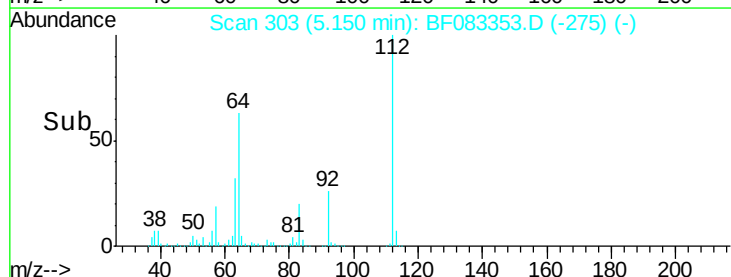


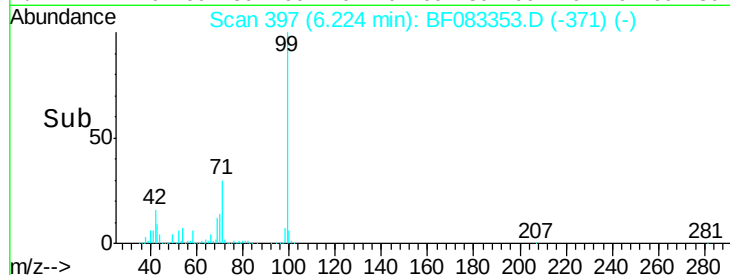
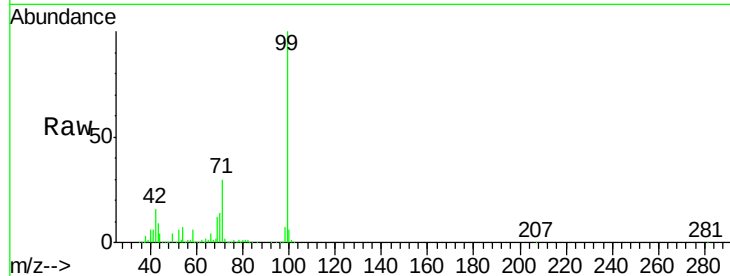
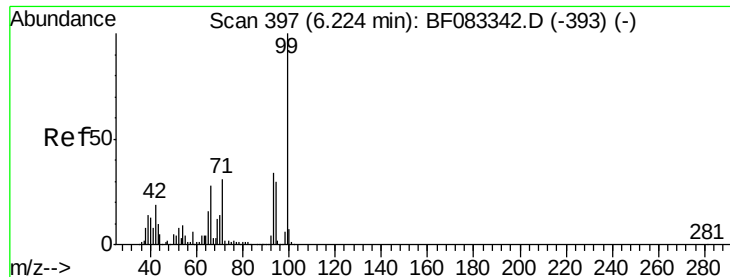
#5
 2-Fluorophenol
 Concen: 128.17 ng
 RT: 5.15 min Scan# 303
 Delta R.T. 0.02 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:112 Resp: 1380558
 Ion Ratio Lower Upper
 112 100
 64 63.2 55.6 83.4
 63 32.1 28.2 42.2



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: 111.91 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

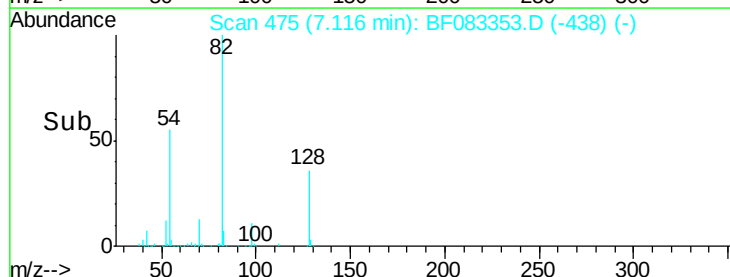
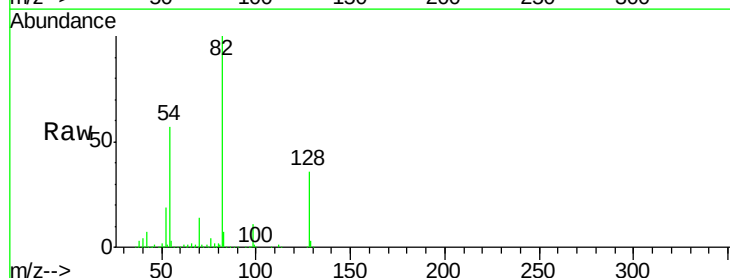
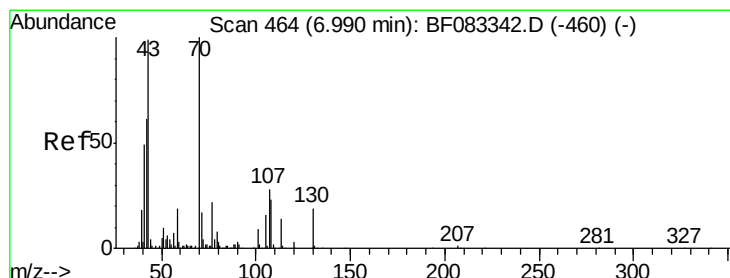
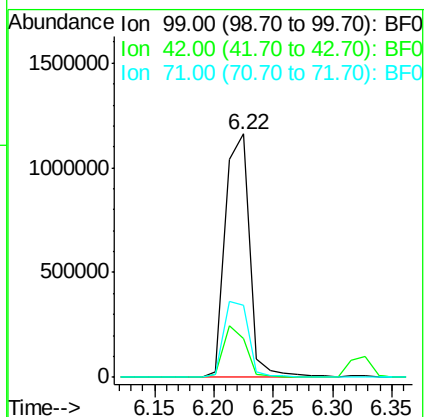
Tgt Ion: 99 Resp: 1649938

Ion Ratio Lower Upper

99 100

42 16.2 14.9 22.3

71 29.8 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.91 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Tgt Ion: 70 Resp: 167723

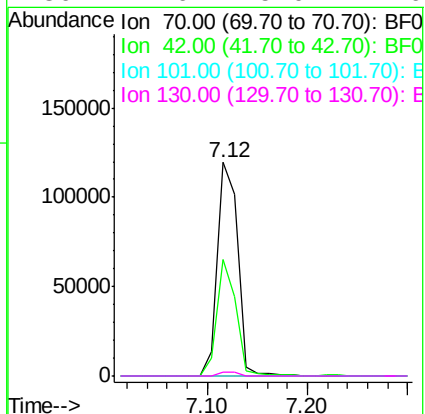
Ion Ratio Lower Upper

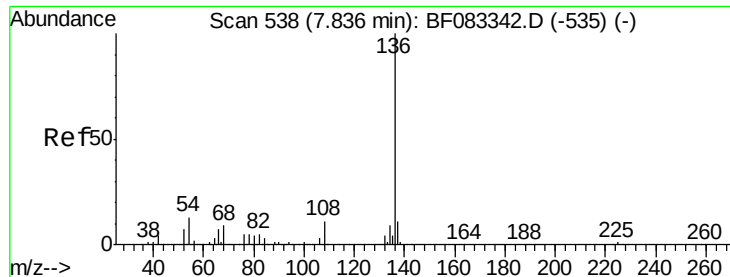
70 100

42 54.6 48.8 73.2

101 0.0 7.1 10.7#

130 1.6 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

Tgt Ion:136 Resp: 631244

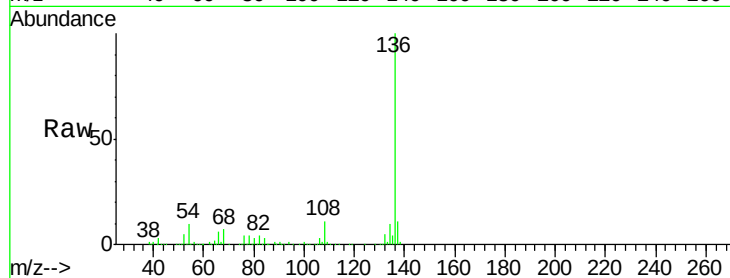
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.7 10.1 15.1#

68 7.2 7.1 10.7

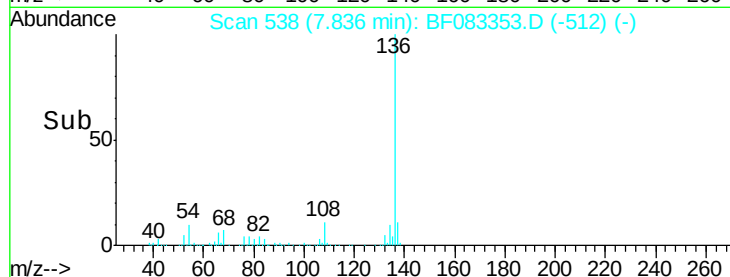


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

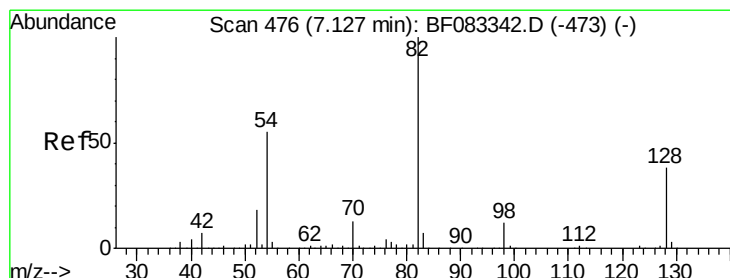
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 88.73 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

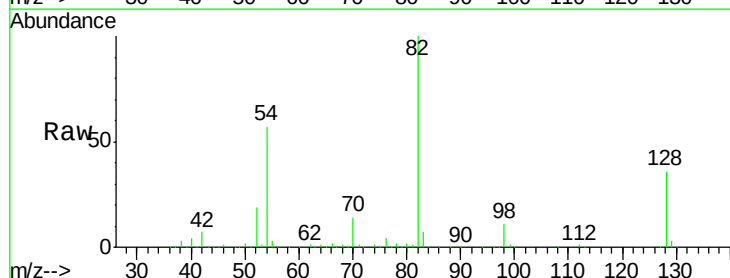
Tgt Ion: 82 Resp: 1274129

Ion Ratio Lower Upper

82 100

128 35.6 30.6 46.0

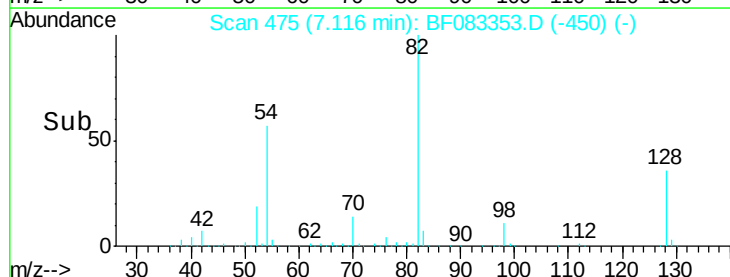
54 56.8 43.8 65.6



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



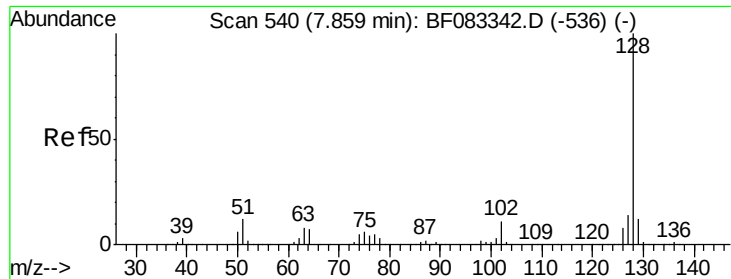
Abundance

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

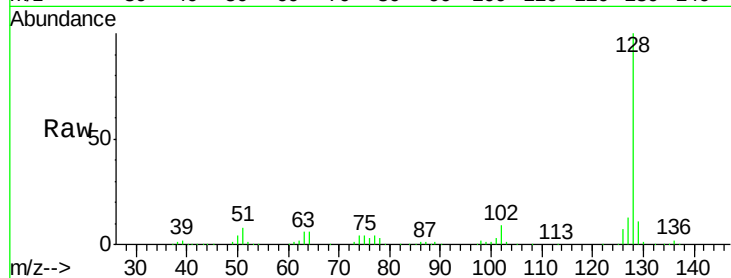
Time-->



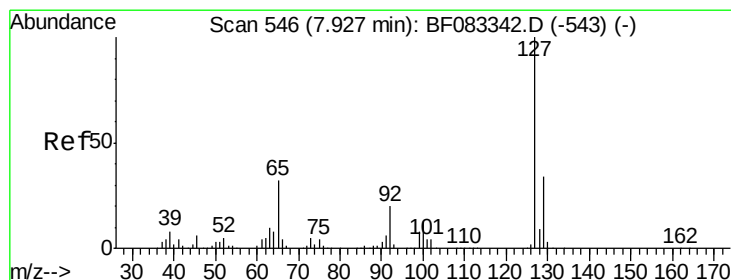
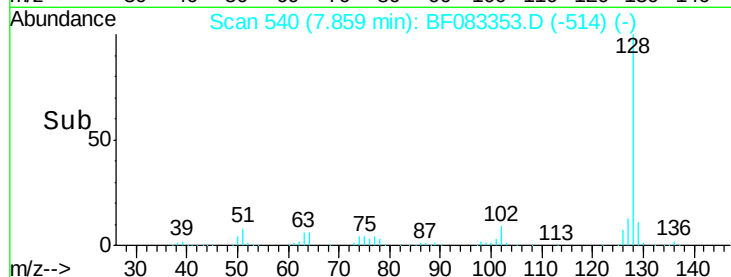
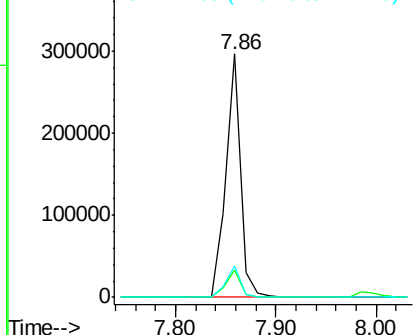
#31
Naphthalene
Concen: 8.78 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

Instrument :
BNA_F
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DRUM-32-77-COMPOSITE

Tgt Ion:128 Resp: 300714
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 12.9 11.0 16.4

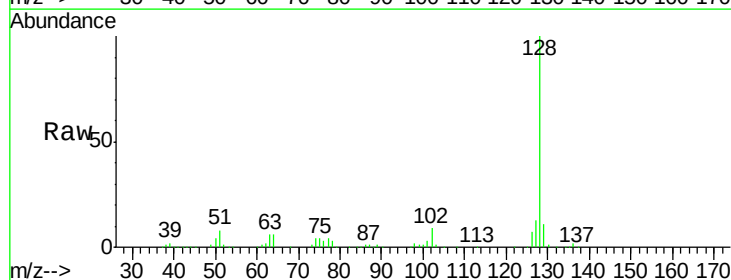


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

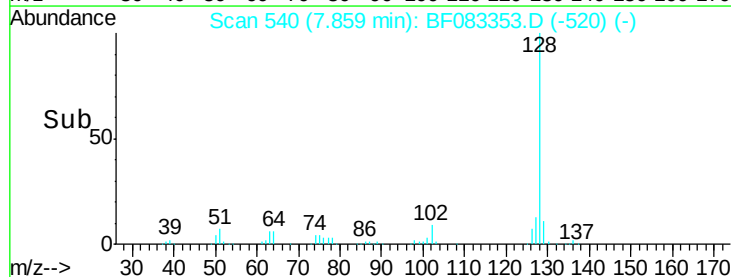
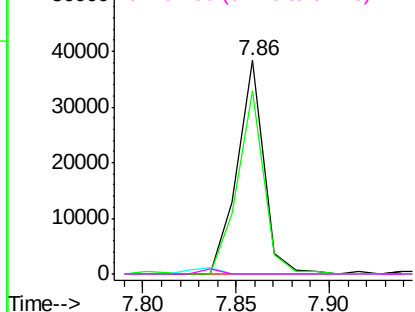


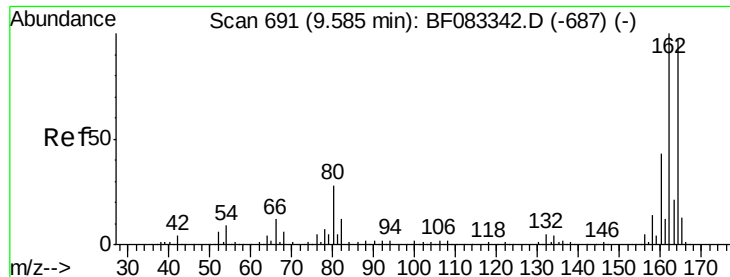
#33
4-Chloroaniline
Concen: 2.61 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

Tgt Ion:127 Resp: 38548
Ion Ratio Lower Upper
127 100
129 85.6 27.0 40.4#
65 0.0 25.9 38.9#
92 0.0 15.8 23.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

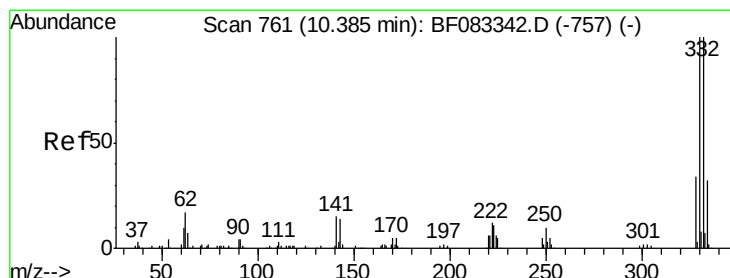
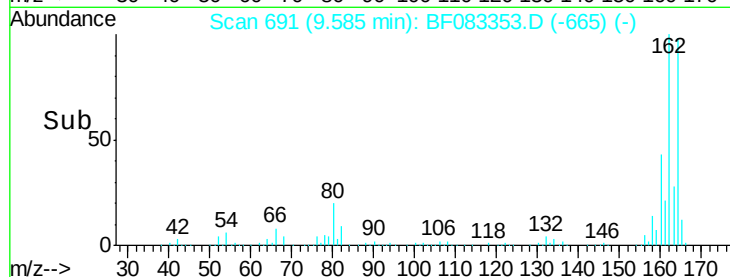
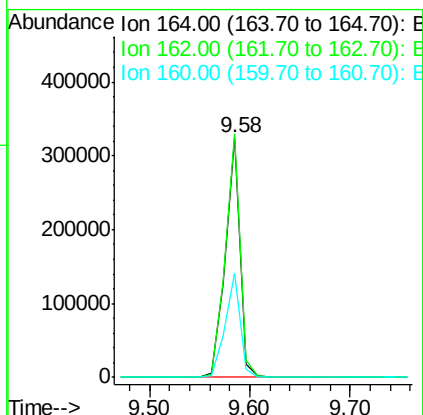
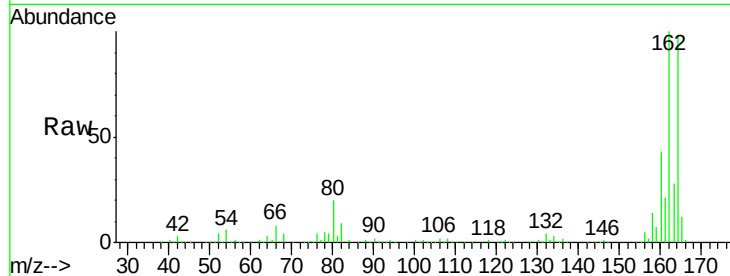




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

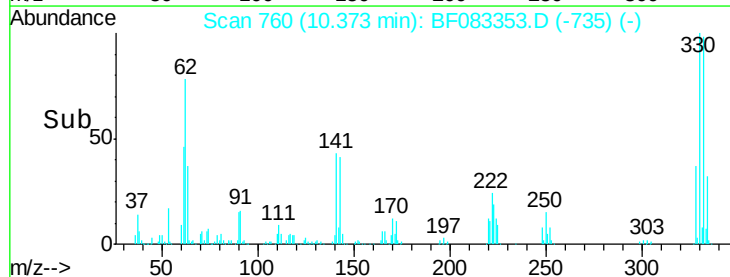
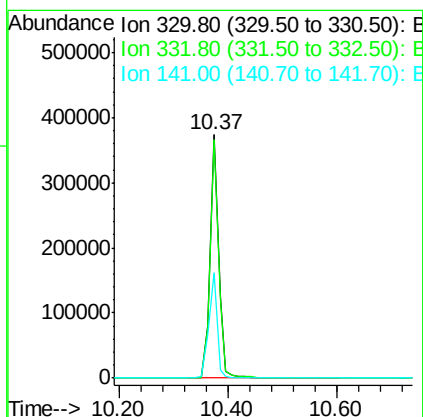
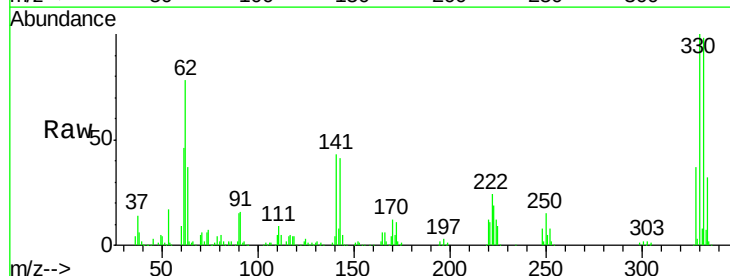
Instrument :
 BNA_F
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 DRUM-32-77-COMPOSITE

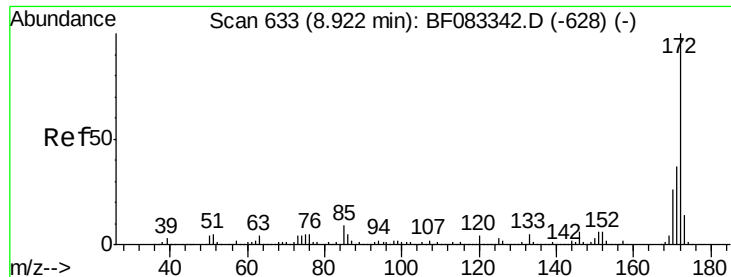
Tgt Ion:164 Resp: 327844
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 43.6 35.3 52.9



#41
 2,4,6-Tribromophenol
 Concen: 126.66 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:330 Resp: 416839
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.8 116.6
 141 41.3 29.4 44.0

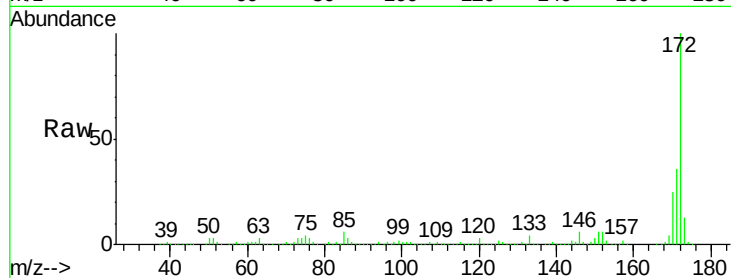




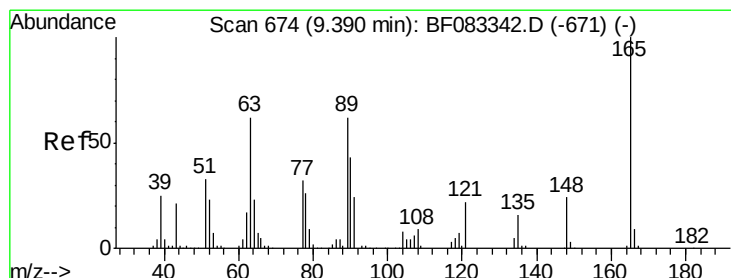
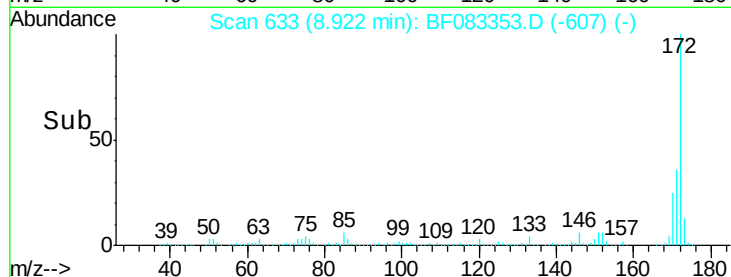
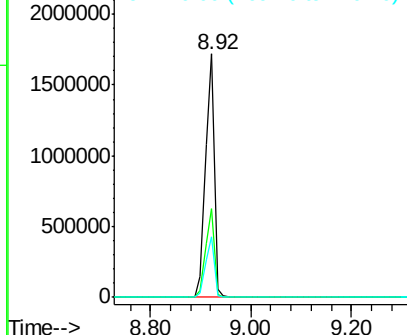
#44
 2-Fluorobiphenyl
 Concen: 90.81 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Tgt Ion:172 Resp: 2089253
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.9 20.4 30.6

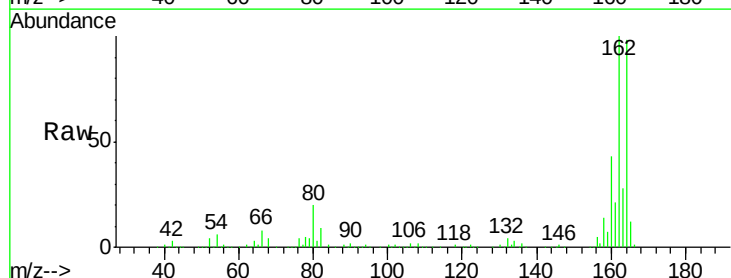


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

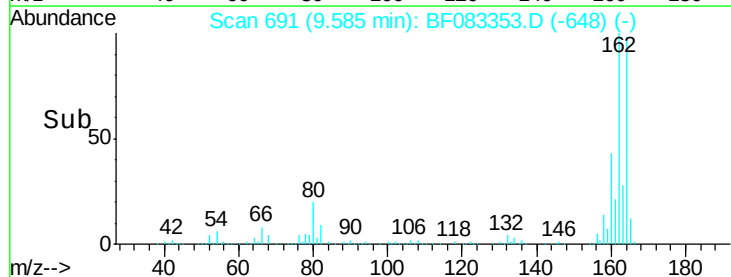
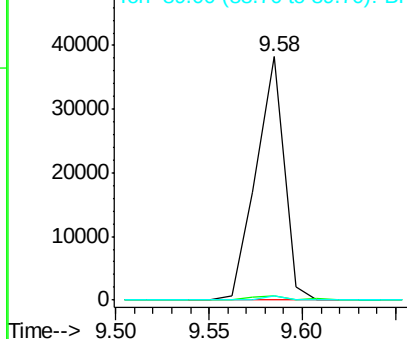


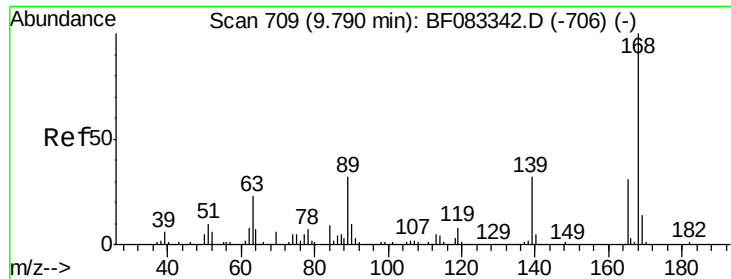
#50
 2,6-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:165 Resp: 39675
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.0 84.0#
 89 1.9 49.8 74.8#



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

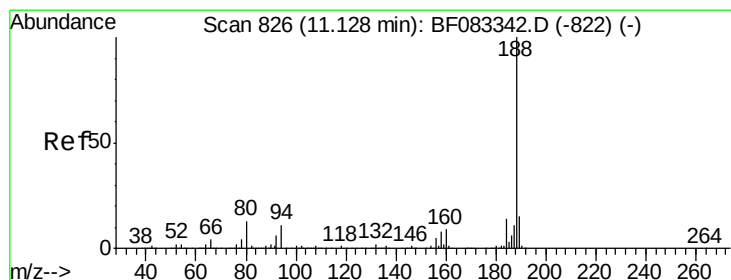
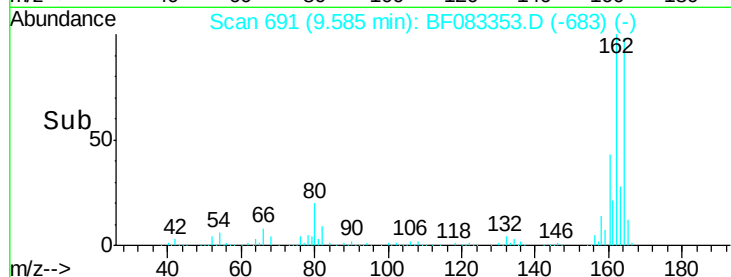
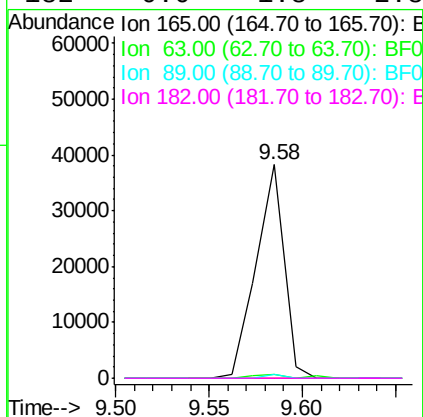
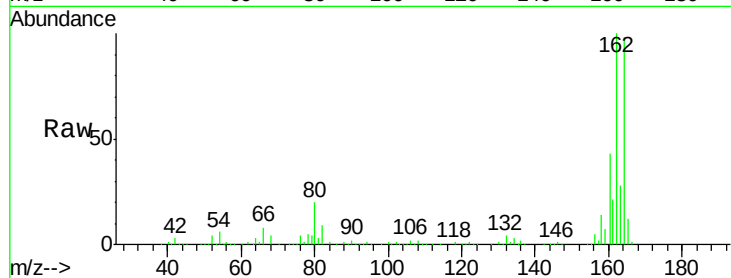




#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

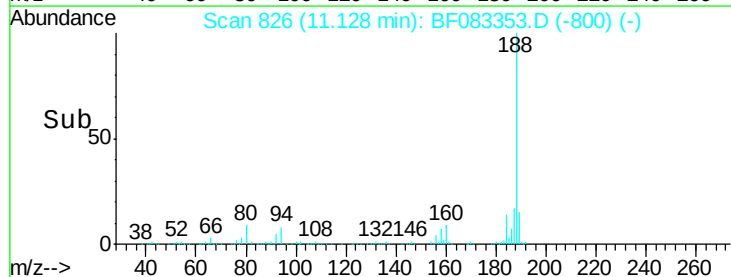
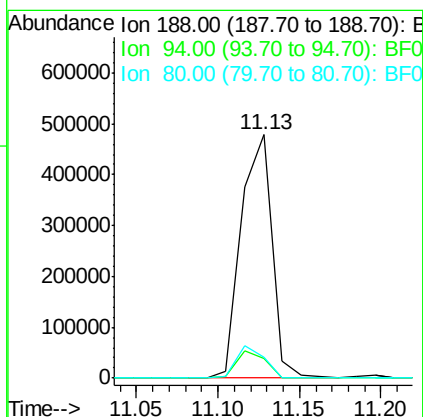
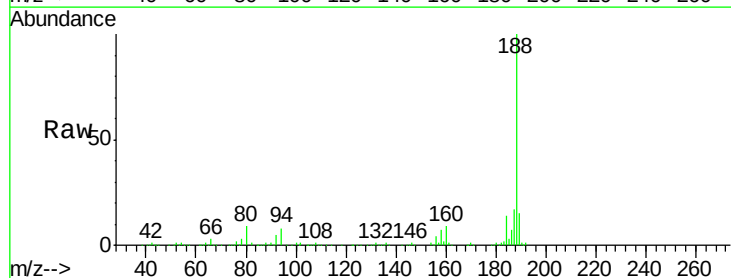
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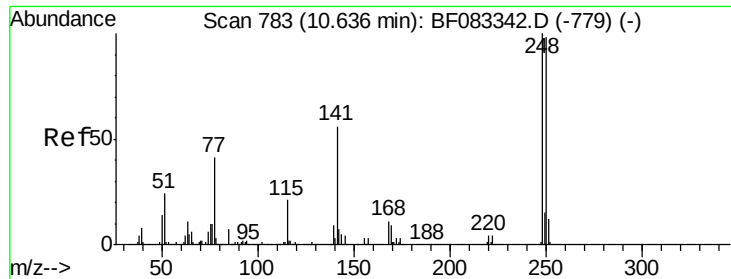
Tgt Ion:	165	Resp:	39675
Ion Ratio	Lower	Upper	
165	100		
63	2.0	65.4	98.0#
89	1.9	81.2	121.8#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:	188	Resp:	624223
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.7	13.1#
80	8.6	10.3	15.5#

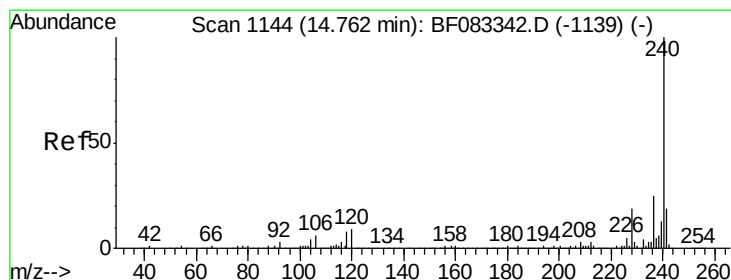
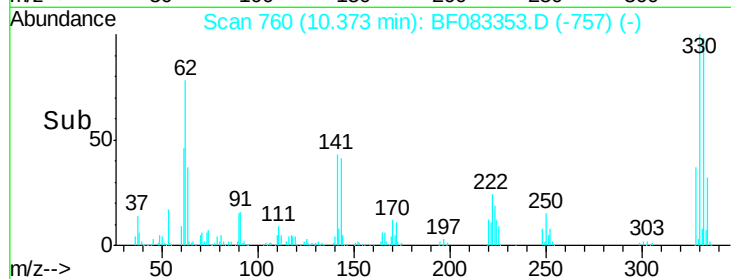
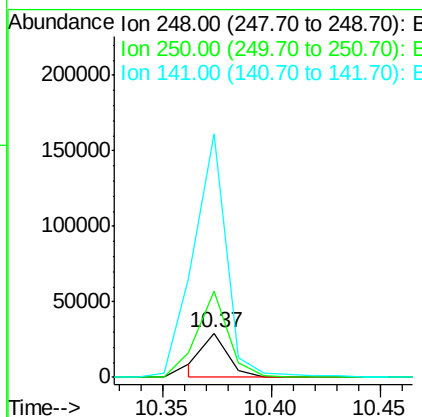
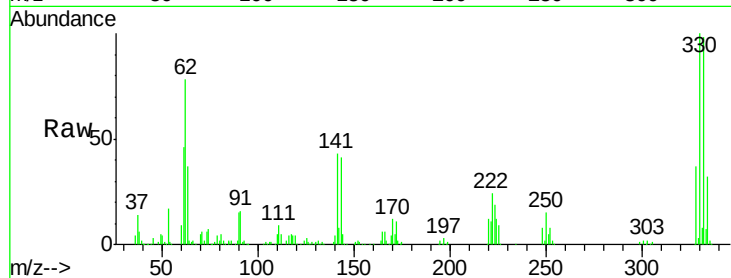




#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

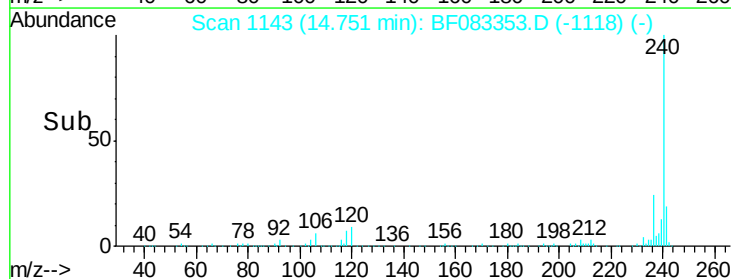
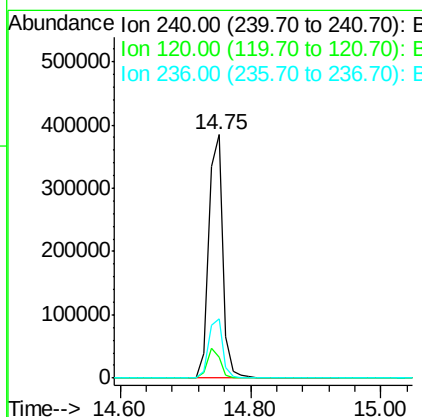
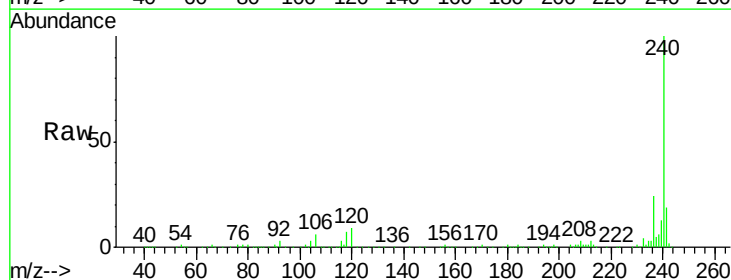
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

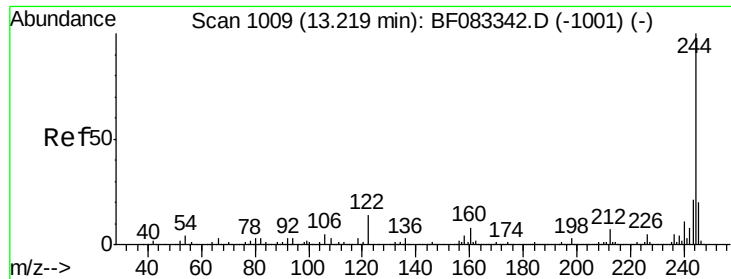
Tgt Ion:248 Resp: 24060
 Ion Ratio Lower Upper
 248 100
 250 194.3 78.6 118.0#
 141 551.2 44.4 66.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:240 Resp: 583500
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.9 10.3
 236 24.3 19.8 29.6

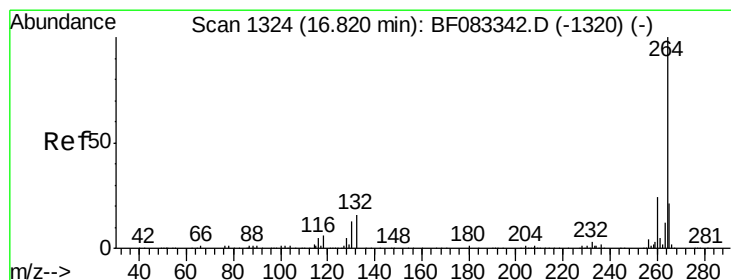
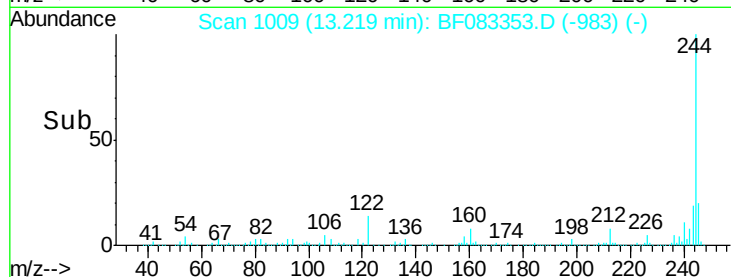
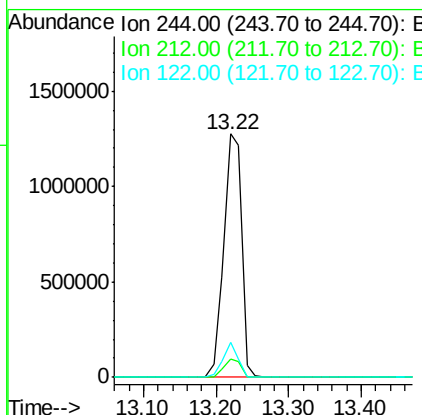
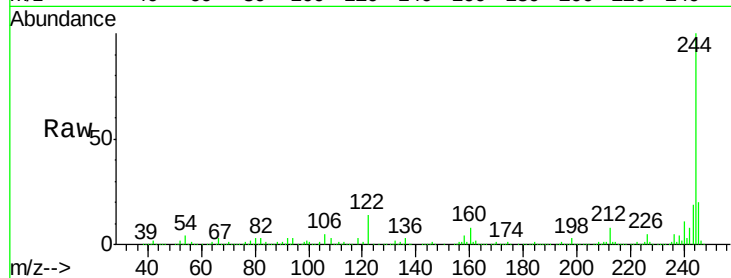




#78
 Terphenyl-d14
 Concen: 88.91 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Tgt Ion:244 Resp: 2175410
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:264 Resp: 472553
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.4 16.8 25.2

