

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 02:14:13 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

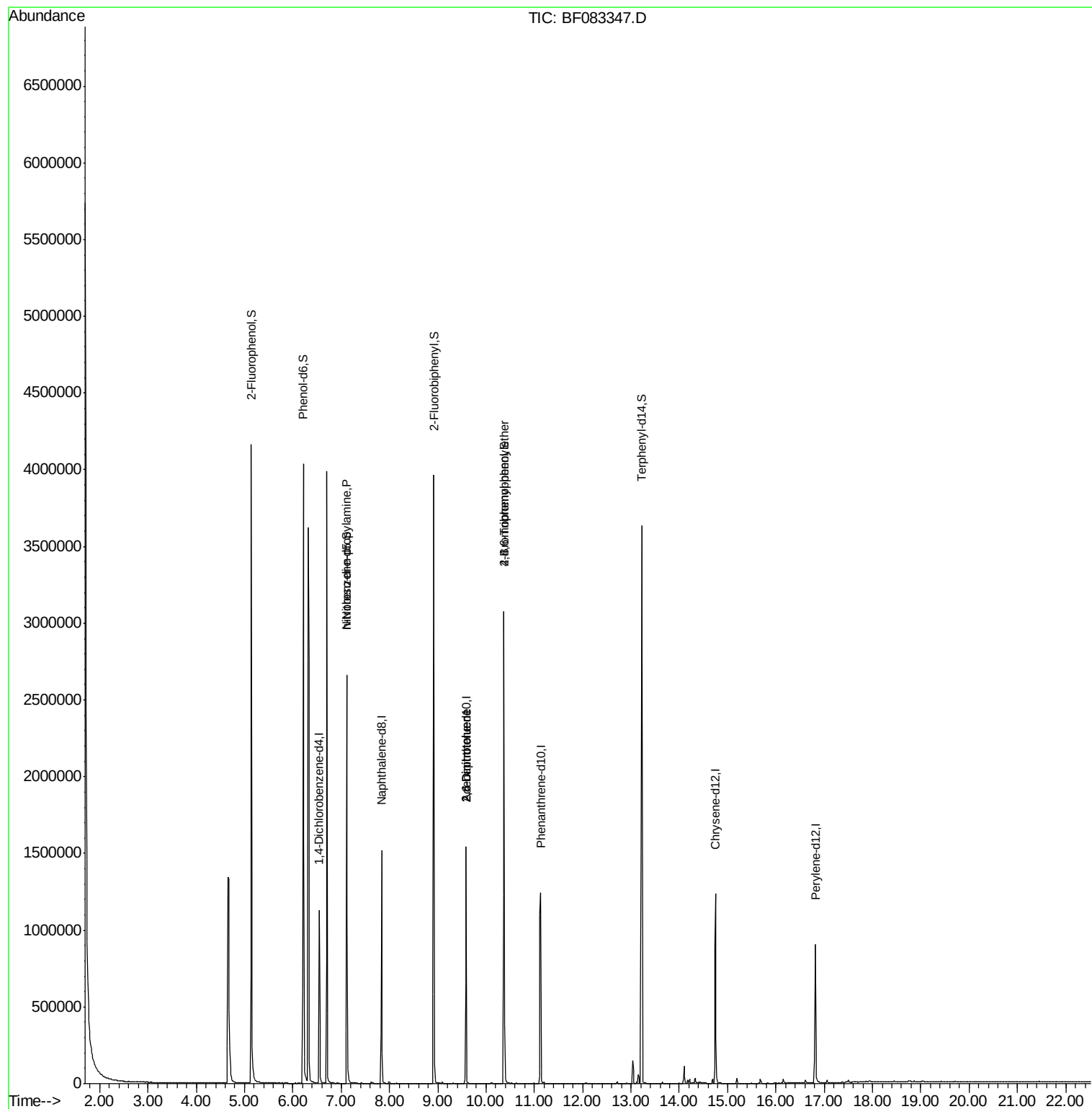
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175202	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	676469	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	350877	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	688902	20.00	ng	0.00
75) Chrysene-d12	14.75	240	662978	20.00	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						
9) Benzaldehyde	6.21	77	2143	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	137479	12.03	ng	# 82
50) 2,6-Dinitrotoluene	9.58	165	43514	7.15	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	43514	5.63	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	21602	2.87	ng	# 1

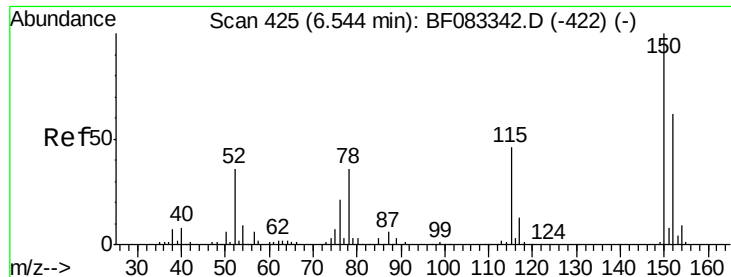
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
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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

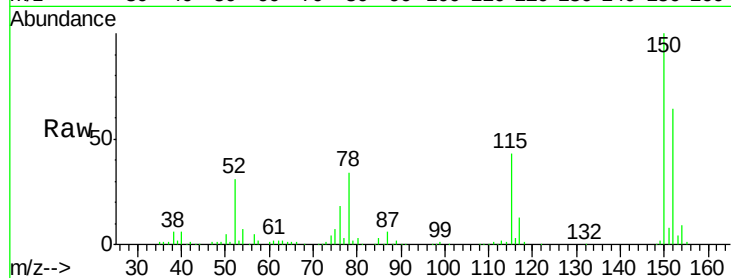
Tgt Ion:152 Resp: 175202

Ion Ratio Lower Upper

152 100

150 155.7 129.8 194.8

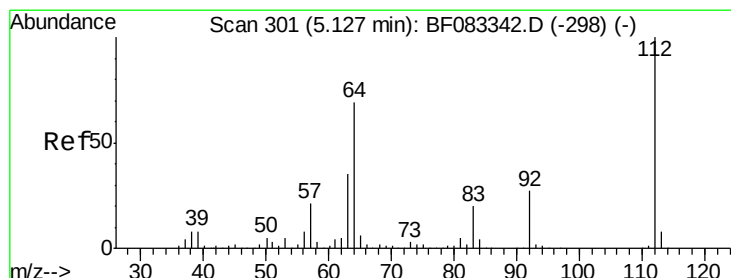
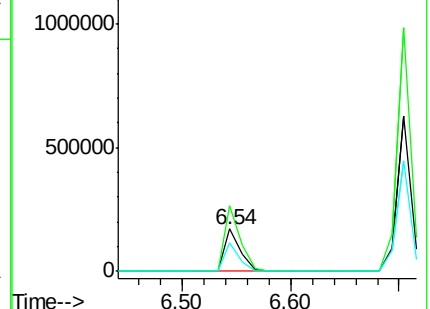
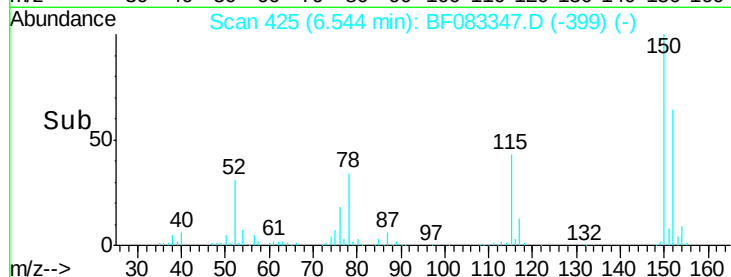
115 66.8 59.2 88.8



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: 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

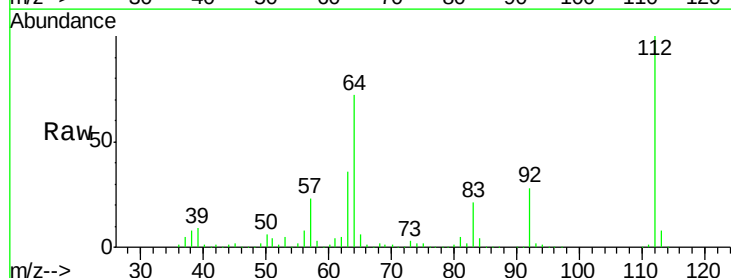
Tgt Ion:112 Resp: 1230035

Ion Ratio Lower Upper

112 100

64 71.7 55.6 83.4

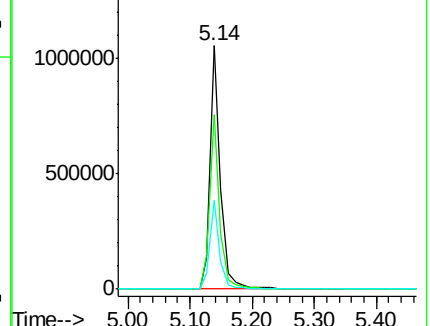
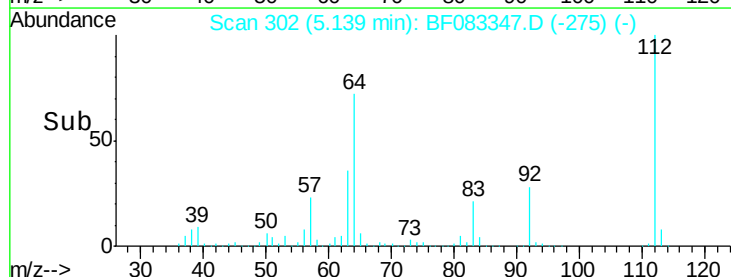
63 36.3 28.2 42.2

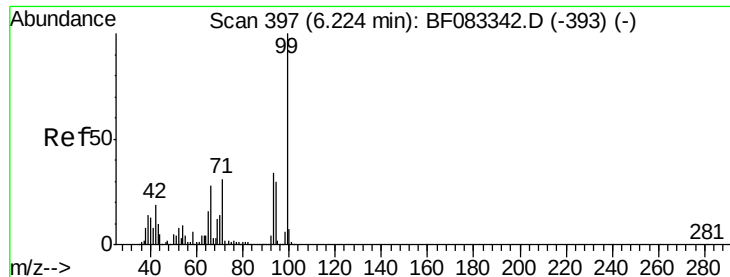


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

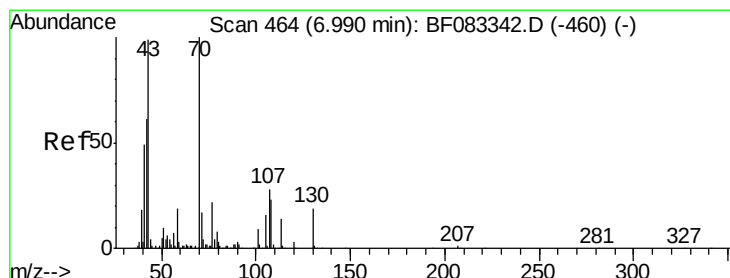
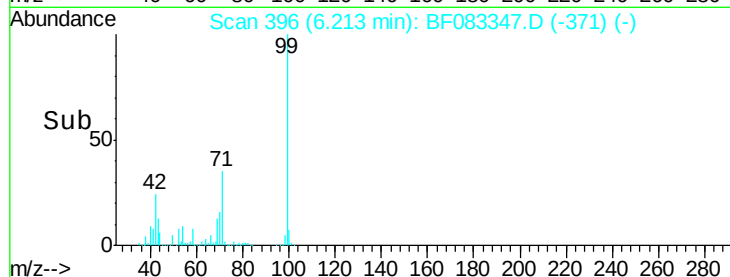
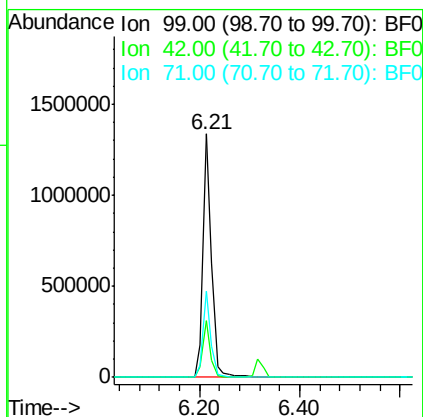
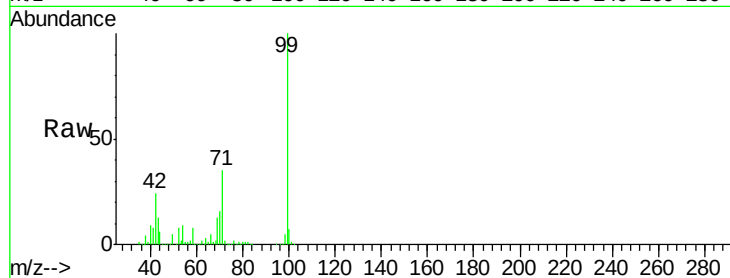
Tgt Ion: 99 Resp: 1584099

Ion Ratio Lower Upper

99 100

42 23.5 14.9 22.3#

71 35.4 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.03 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083347.D

Acq: 30 Nov 2015 21:39

Tgt Ion: 70 Resp: 137479

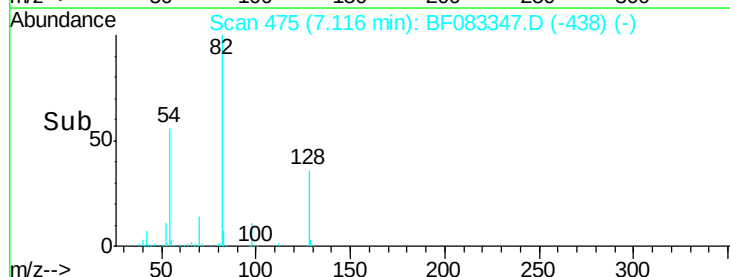
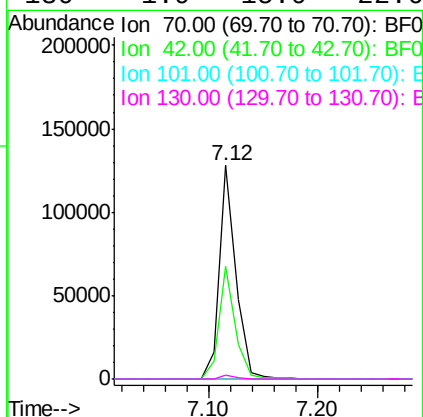
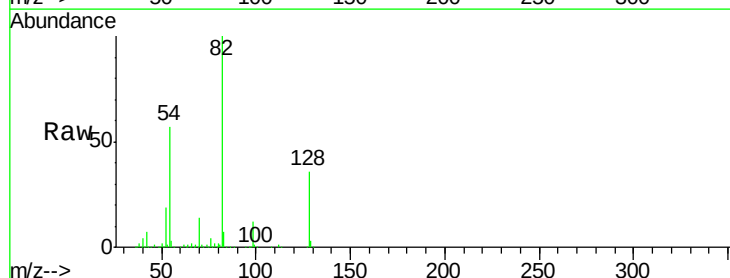
Ion Ratio Lower Upper

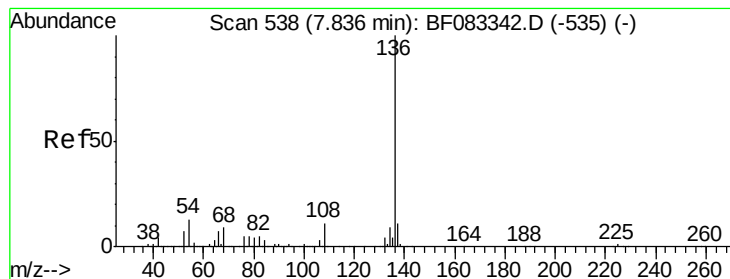
70 100

42 52.6 48.8 73.2

101 0.0 7.1 10.7#

130 1.9 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: BF083347.D

Acq: 30 Nov 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB86903BL

Tgt Ion: 136 Resp: 676469

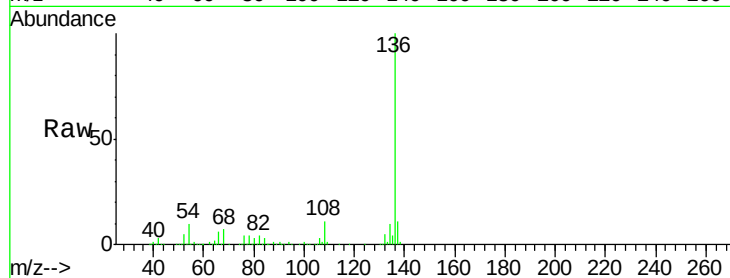
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 9.8 10.1 15.1#

68 7.5 7.1 10.7

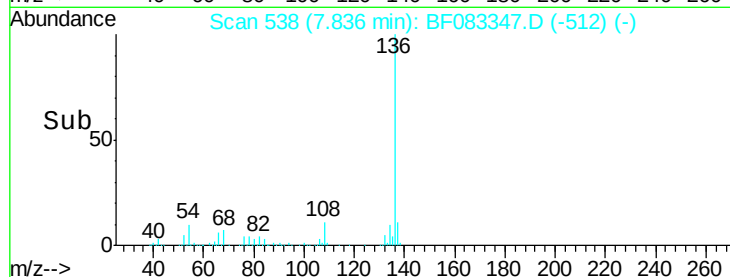


Abundance Ion 136.00 (135.70 to 136.70): E

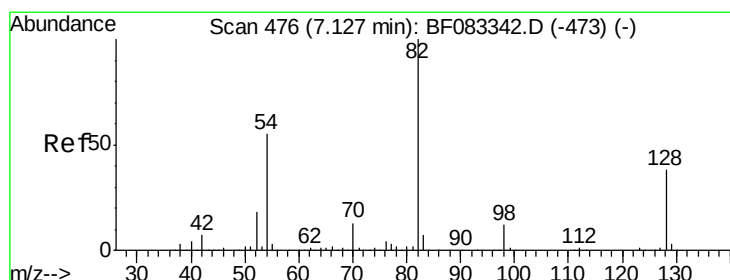
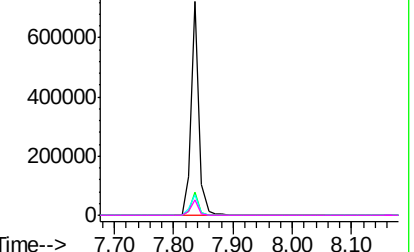
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

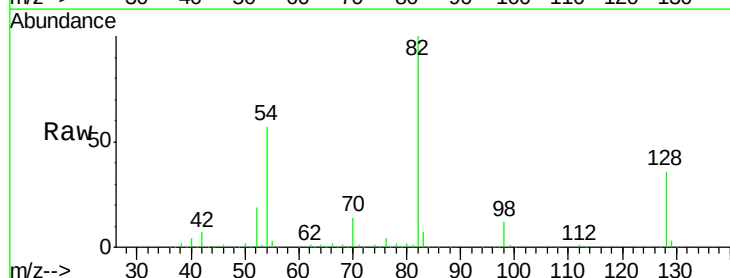
Tgt Ion: 82 Resp: 1024368

Ion Ratio Lower Upper

82 100

128 36.3 30.6 46.0

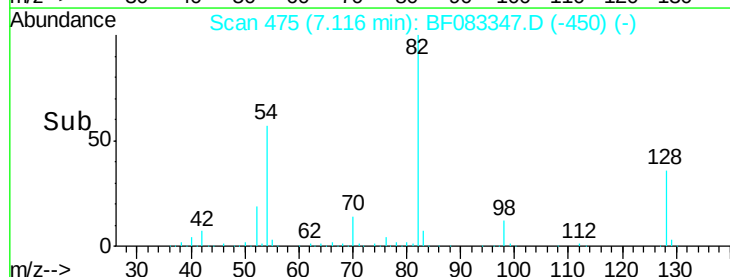
54 57.5 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

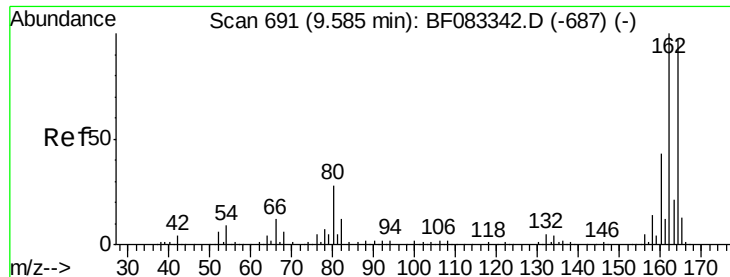
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#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

Instrument :

BNA_F

ClientSampleId :

PB86903BL

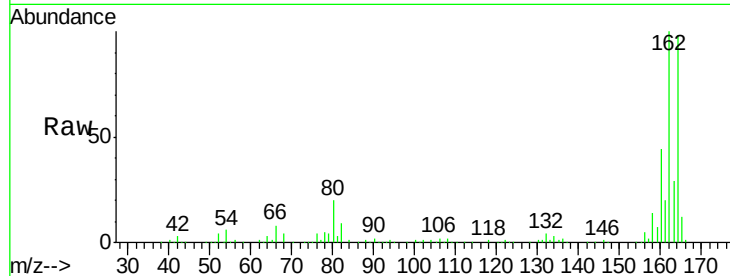
Tgt Ion:164 Resp: 350877

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

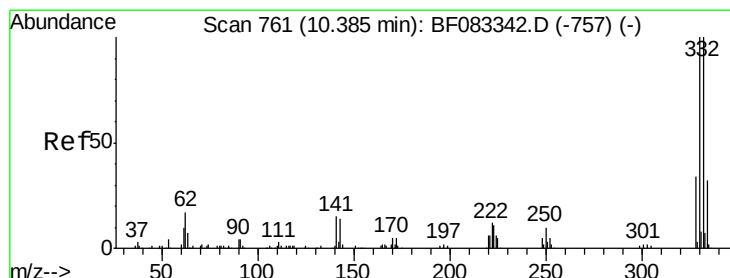
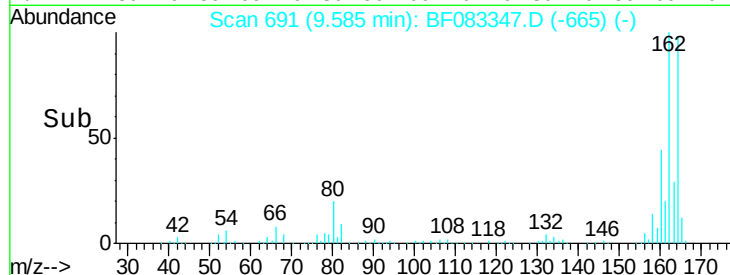
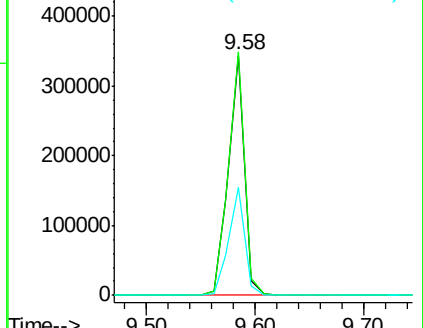
160 45.1 35.3 52.9



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

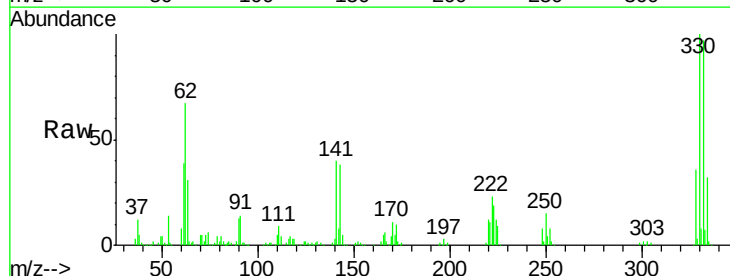
Tgt Ion:330 Resp: 357398

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

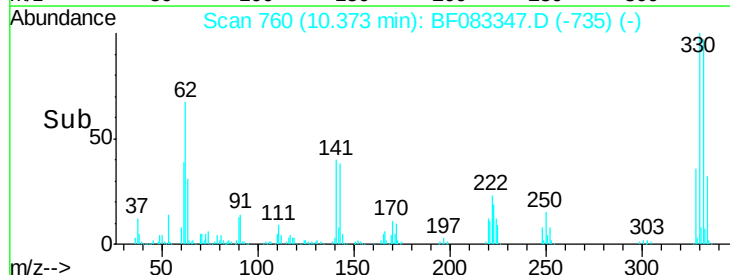
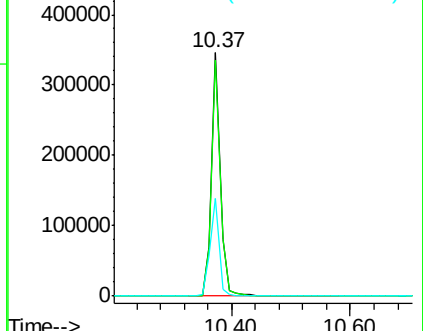
141 41.1 29.4 44.0

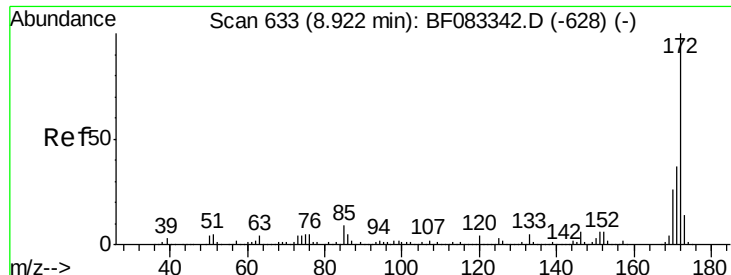


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

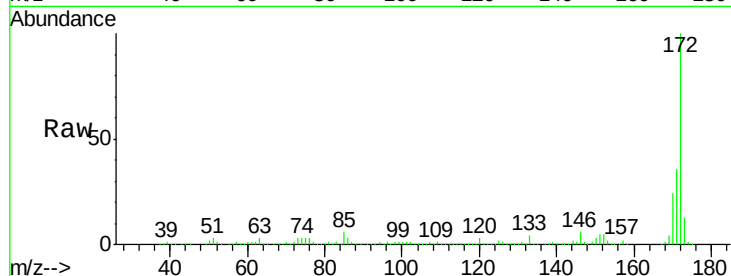




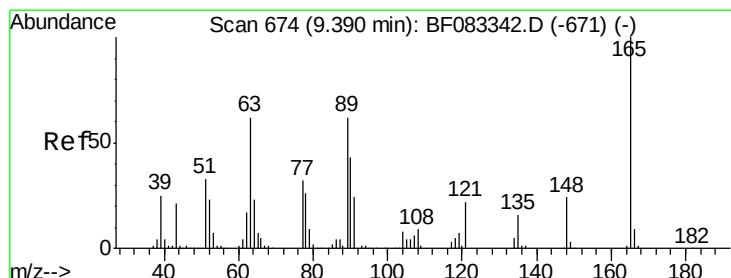
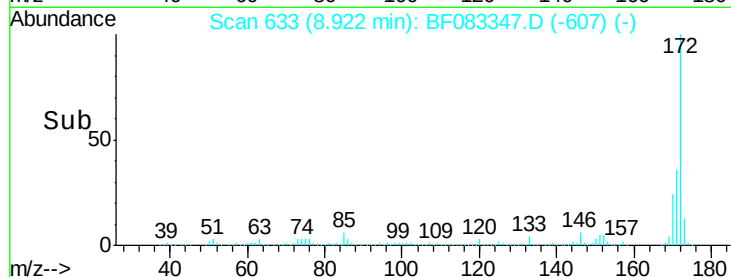
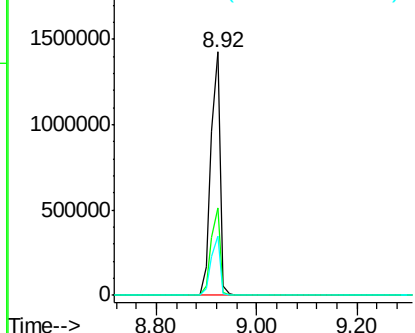
#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

Tgt Ion:172 Resp: 1808226
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 20.4 30.6

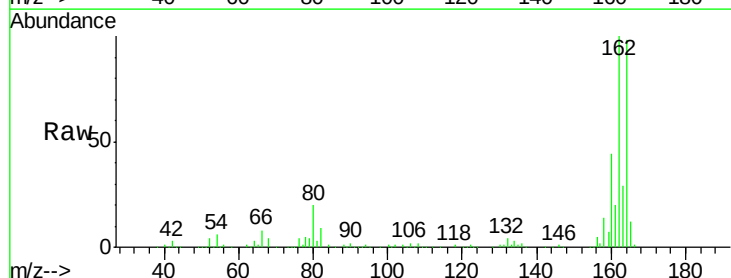


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

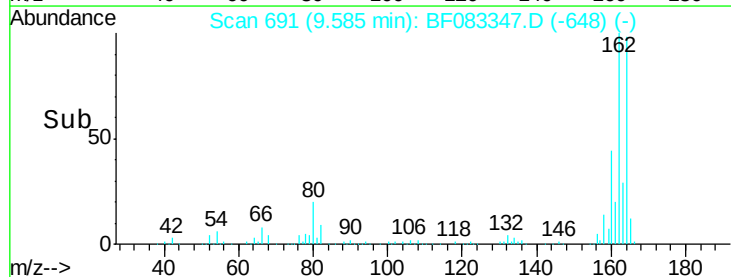
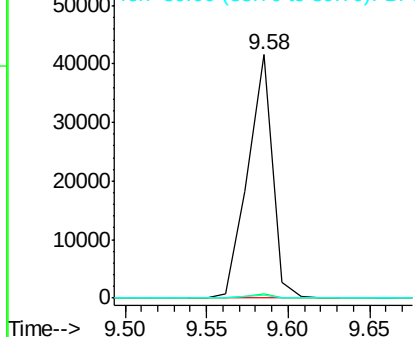


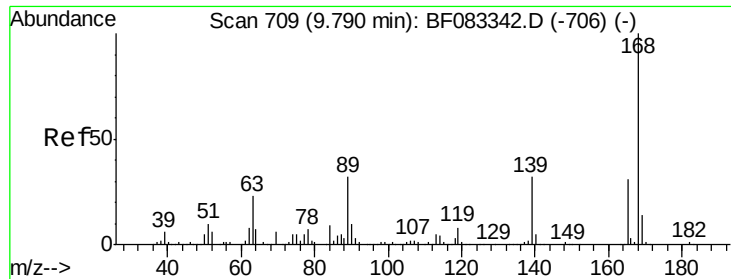
#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Tgt Ion:165 Resp: 43514
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.0 84.0#
 89 1.2 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

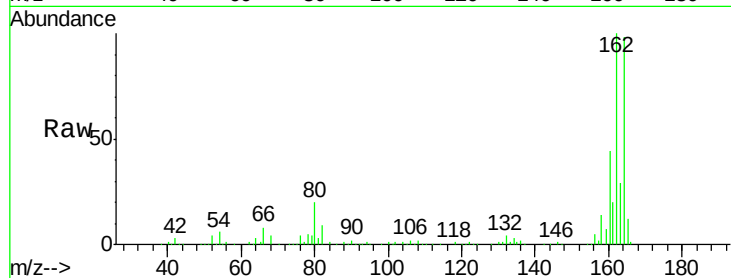




#56
 2,4-Dinitrotoluene
 Concen: 5.63 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86903BL

Tgt Ion:	165	Resp:	43514
Ion	Ratio	Lower	Upper
165	100		
63	2.0	65.4	98.0#
89	1.2	81.2	121.8#
182	0.0	1.8	2.8#

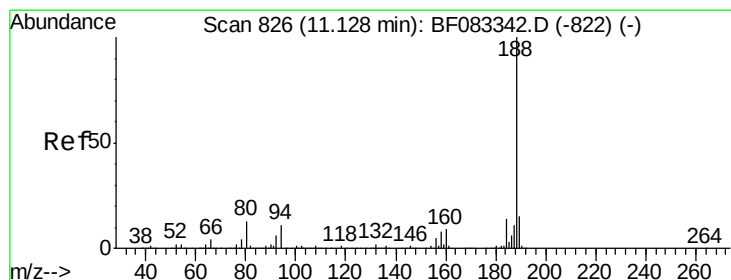
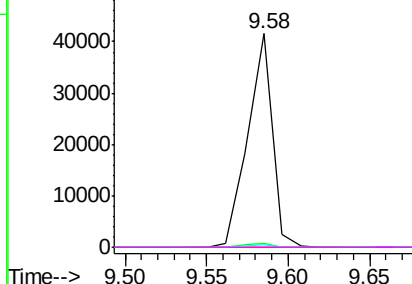
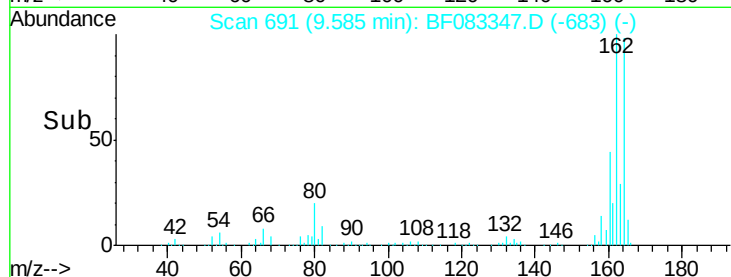


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

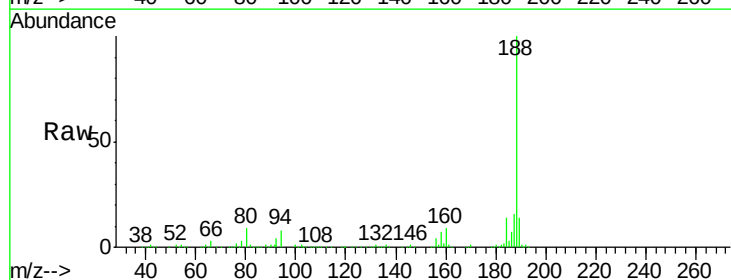
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#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

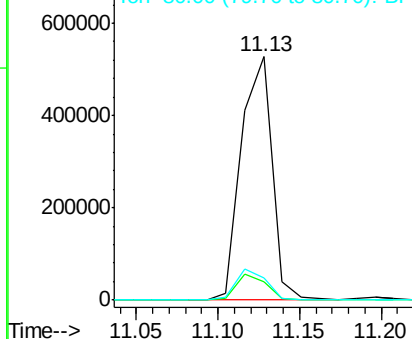
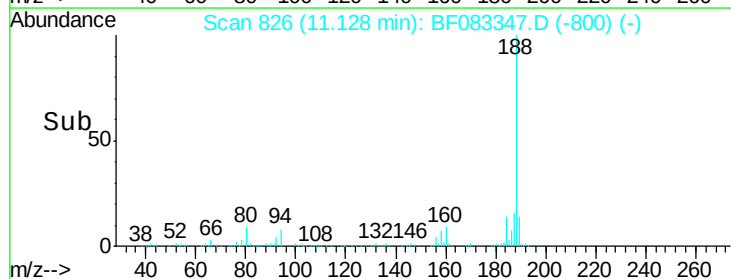
Tgt Ion:	188	Resp:	688902
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	9.0	10.3	15.5#

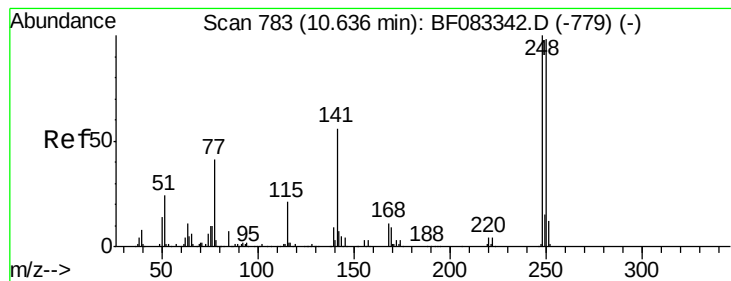


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.87 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF083347.D

Acq: 30 Nov 2015 21:39

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PB86903BL

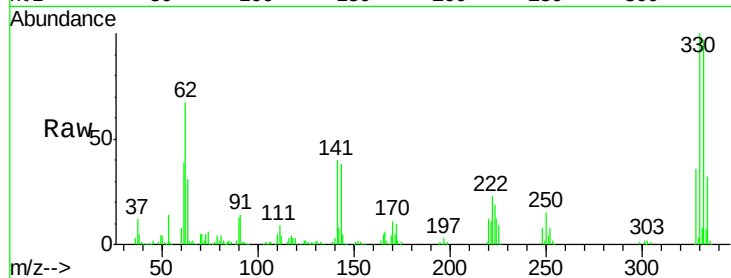
Tgt Ion:248 Resp: 21602

Ion Ratio Lower Upper

248 100

250 186.4 78.6 118.0#

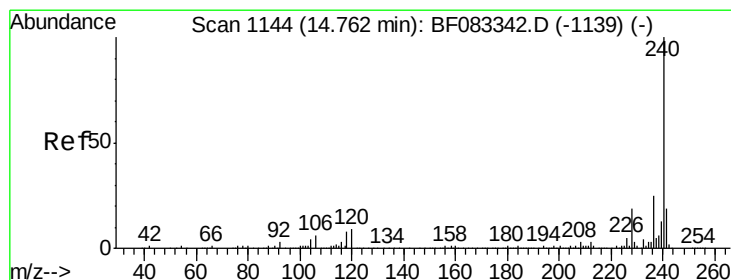
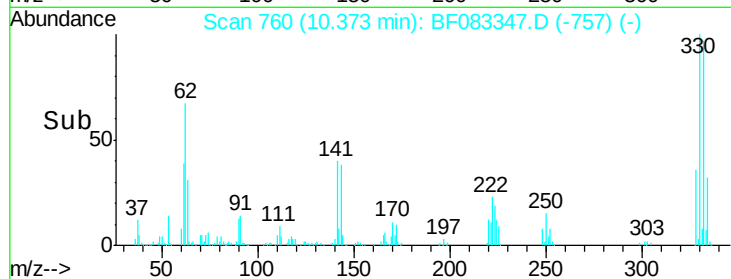
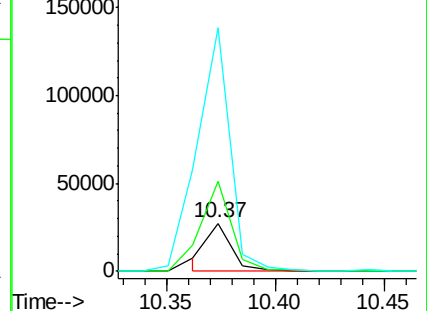
141 506.3 44.4 66.6#



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: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083347.D

Acq: 30 Nov 2015 21:39

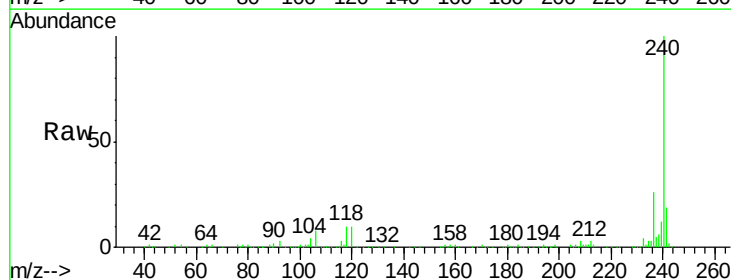
Tgt Ion:240 Resp: 662978

Ion Ratio Lower Upper

240 100

120 10.2 6.9 10.3

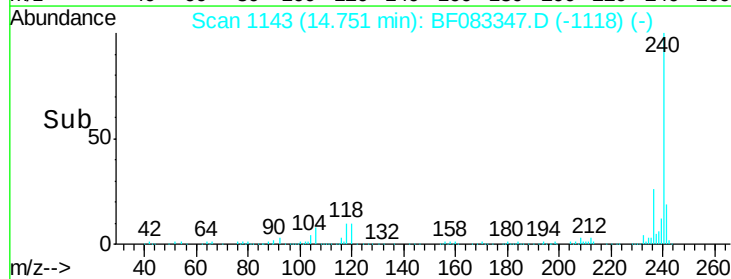
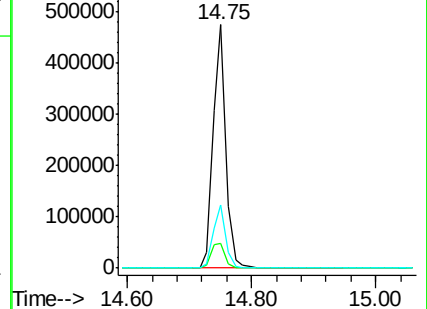
236 25.8 19.8 29.6

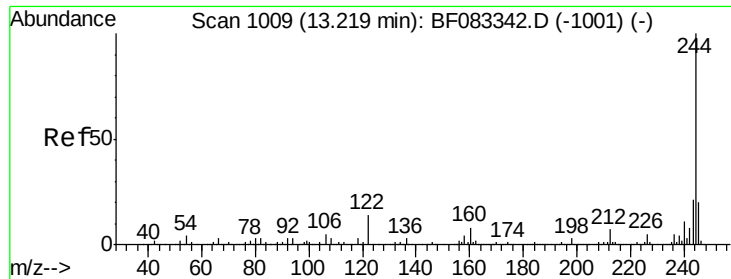


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

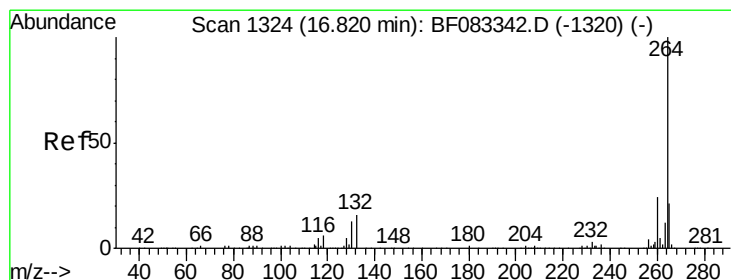
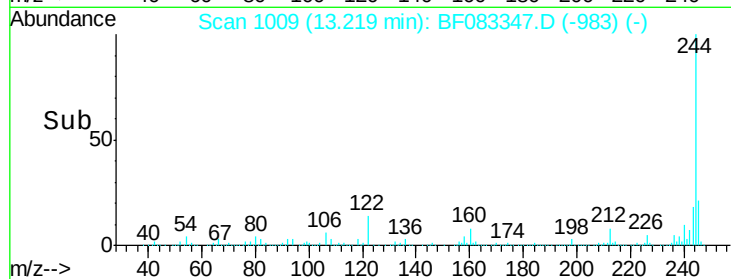
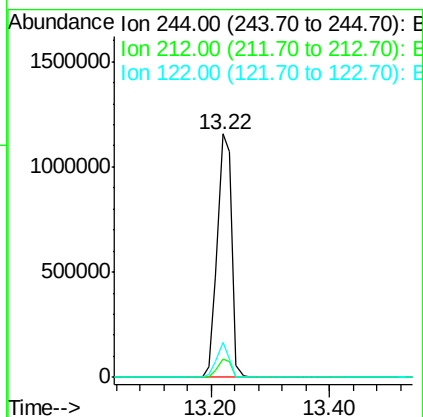
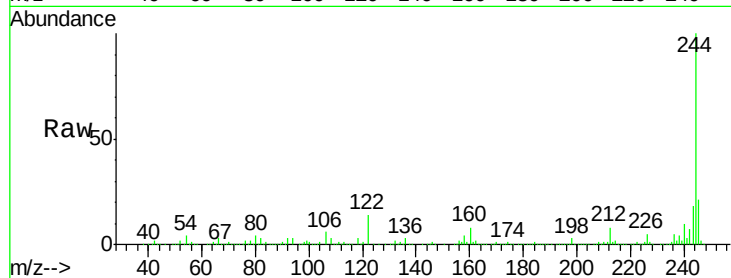




#78
 Terphenyl-d14
 Concen: 69.98 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083347.D
 Acq: 30 Nov 2015 21:39

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

