

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083351.D
 Acq On : 30 Nov 2015 23:41
 Operator : UM/IZ
 Sample : PB86921BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Quant Time: Dec 01 02:15:32 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

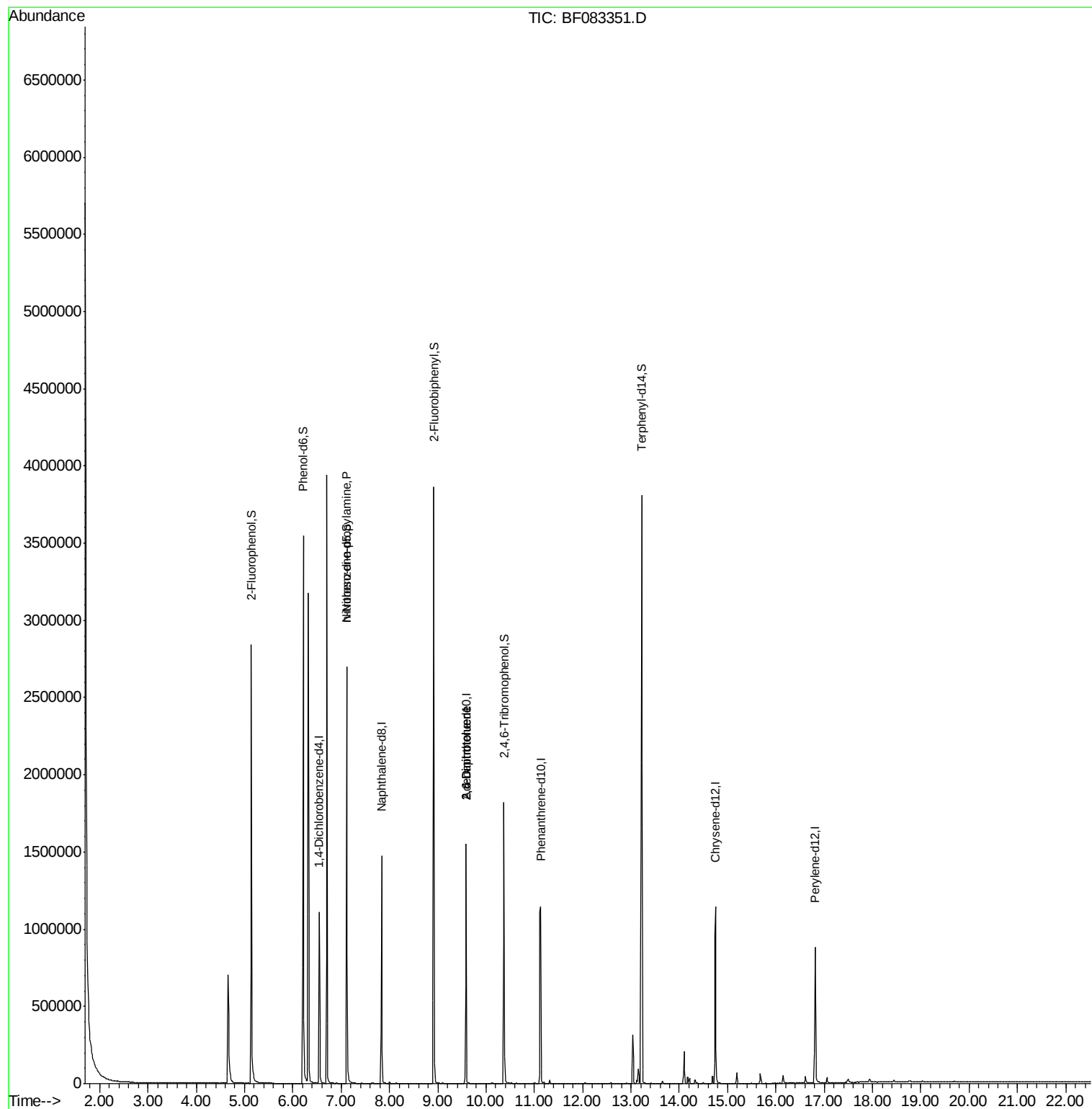
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170516	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	665227	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	351812	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	662031	20.00	ng	0.00
75) Chrysene-d12	14.75	240	646463	20.00	ng	-0.01
86) Perylene-d12	16.81	264	536906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	852728	75.04	ng	0.01
7) Phenol-d6	6.21	99	1183781	76.11	ng	-0.01
23) Nitrobenzene-d5	7.12	82	973597	64.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	235969	66.82	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1751993	70.97	ng	0.00
78) Terphenyl-d14	13.22	244	1785643	65.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	1348	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	129540	11.65	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	44563	7.30	ng	# 18
56) 2,4-Dinitrotoluene	9.58	165	44563	5.75	ng	# 6

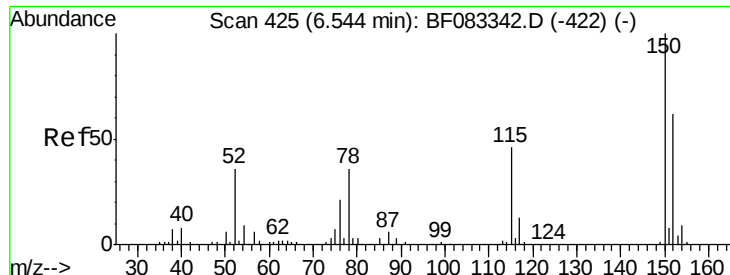
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

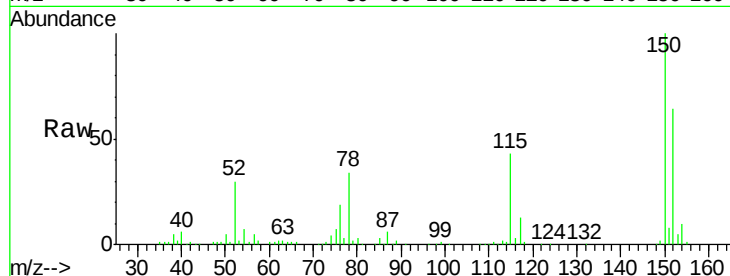
Tgt Ion:152 Resp: 170516

Ion Ratio Lower Upper

152 100

150 157.0 129.8 194.8

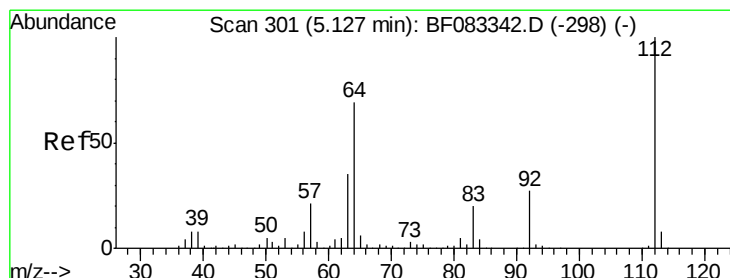
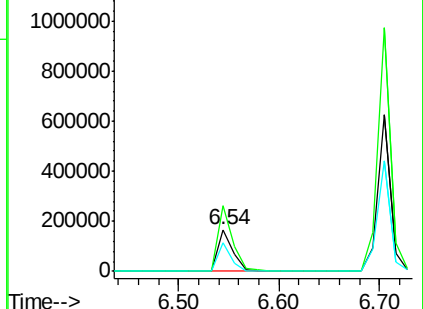
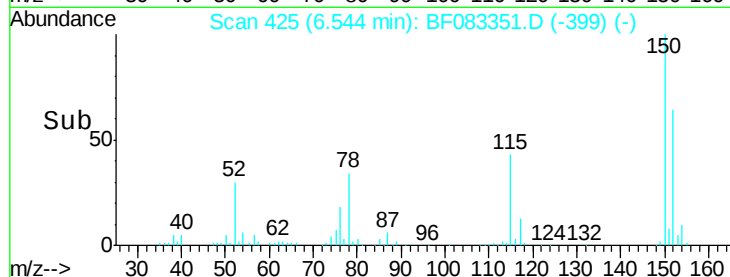
115 67.2 59.2 88.8



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: 75.04 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

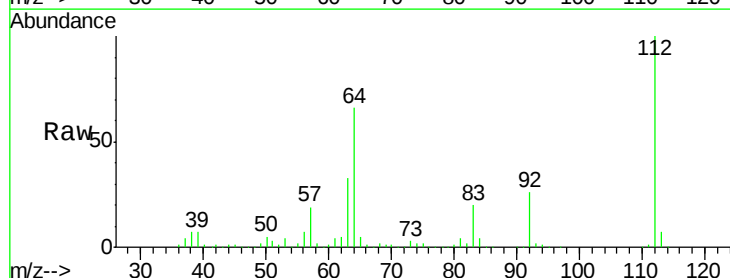
Tgt Ion:112 Resp: 852728

Ion Ratio Lower Upper

112 100

64 65.5 55.6 83.4

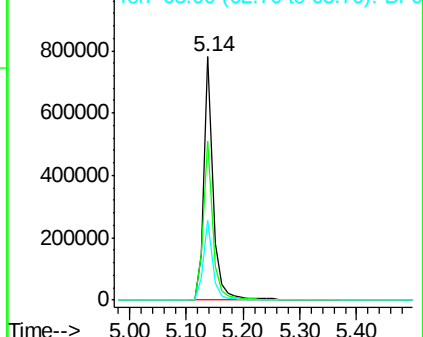
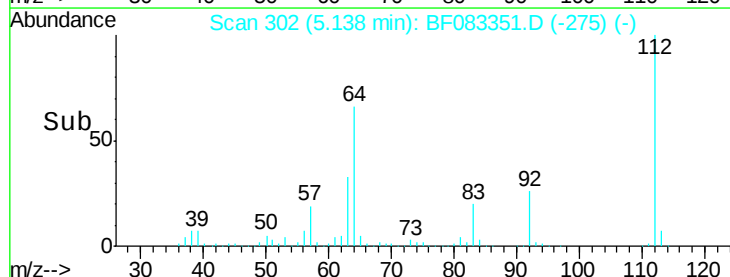
63 32.9 28.2 42.2



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: 76.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

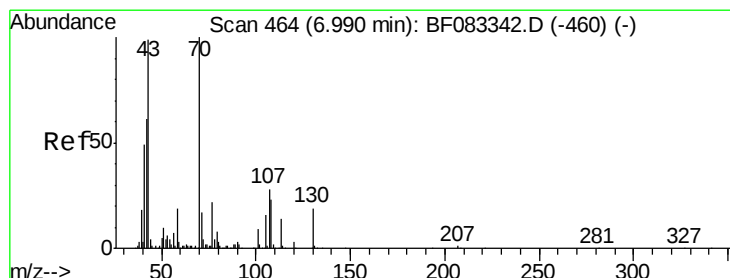
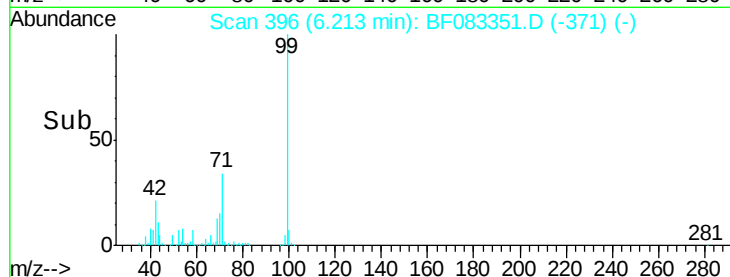
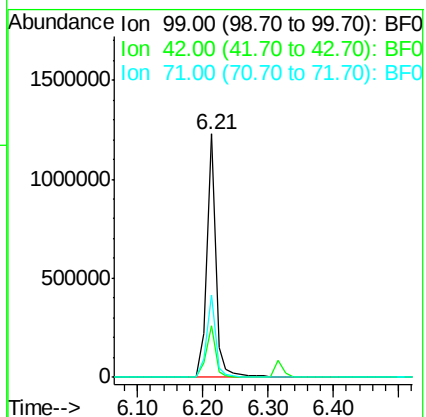
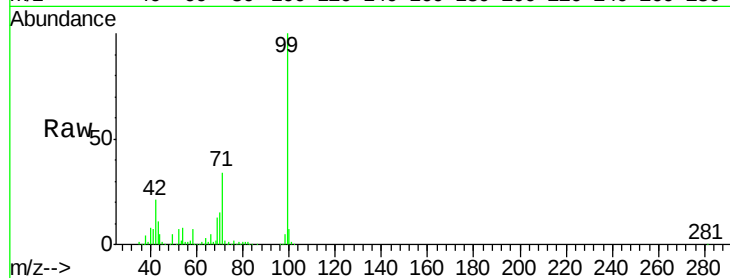
Tgt Ion: 99 Resp: 1183781

Ion Ratio Lower Upper

99 100

42 21.4 14.9 22.3

71 33.9 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.65 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Tgt Ion: 70 Resp: 129540

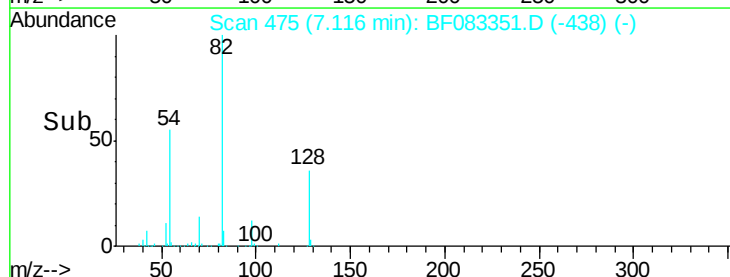
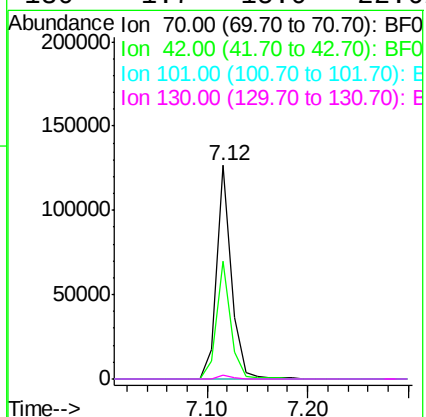
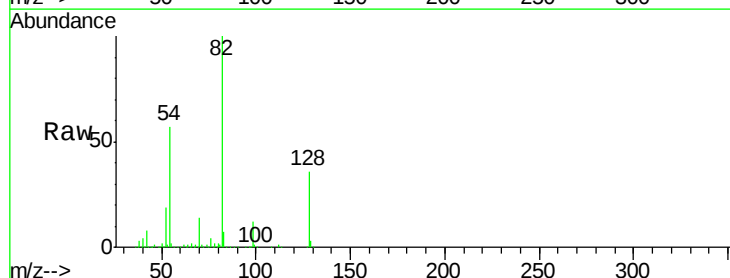
Ion Ratio Lower Upper

70 100

42 55.1 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 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: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

Tgt Ion:136 Resp: 665227

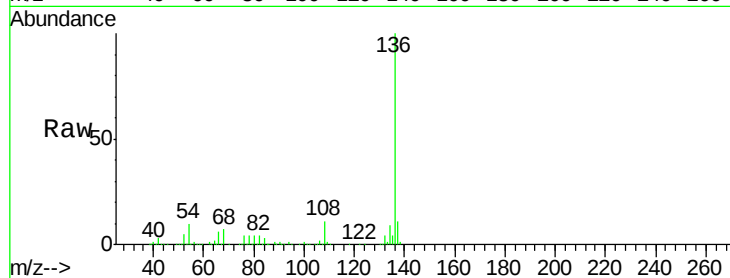
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 10.2 10.1 15.1

68 7.1 7.1 10.7#

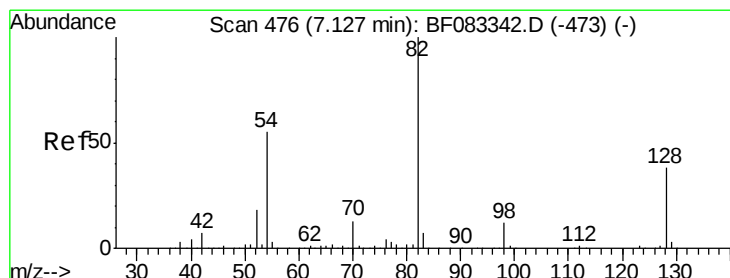
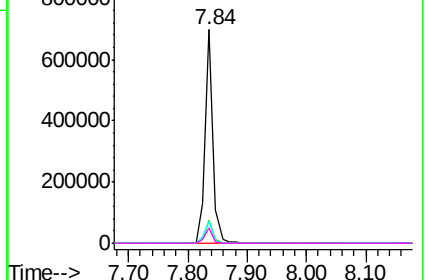
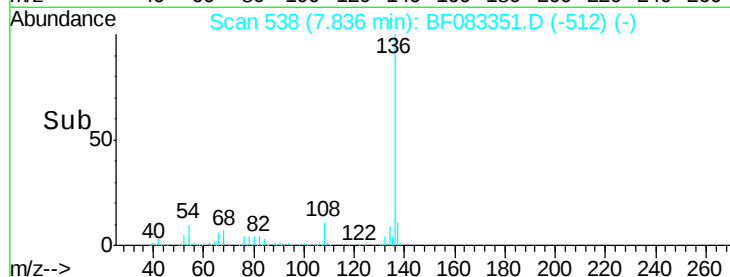


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.34 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

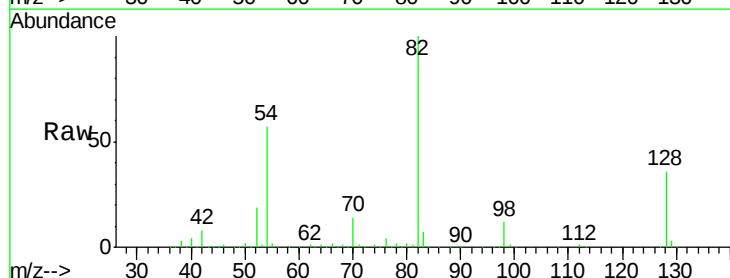
Tgt Ion: 82 Resp: 973597

Ion Ratio Lower Upper

82 100

128 36.1 30.6 46.0

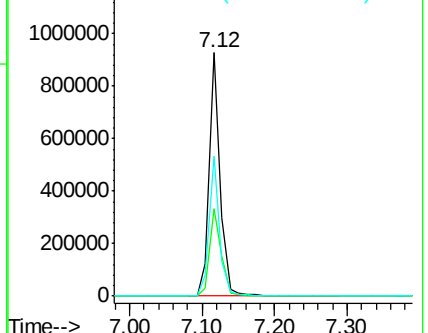
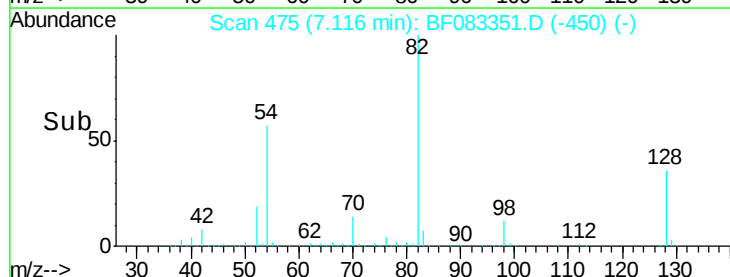
54 57.2 43.8 65.6

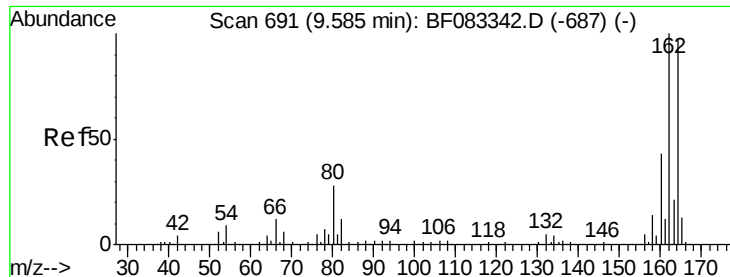


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

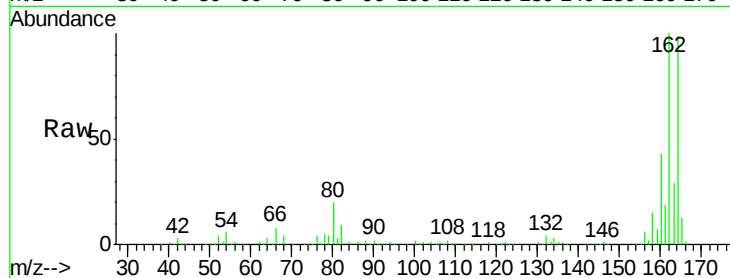
Tgt Ion:164 Resp: 351812

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

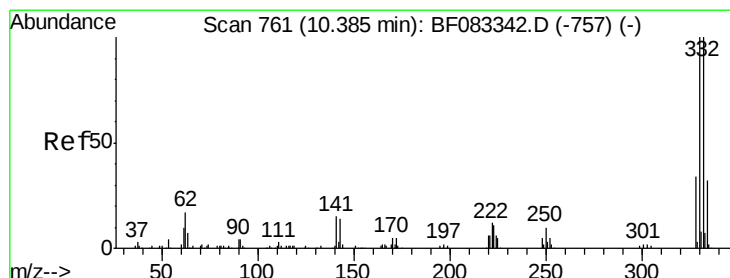
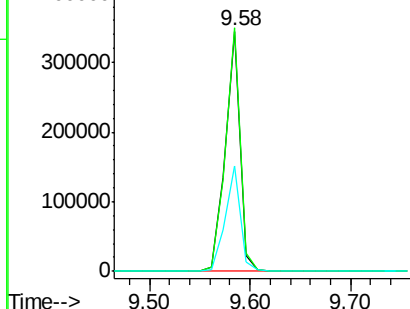
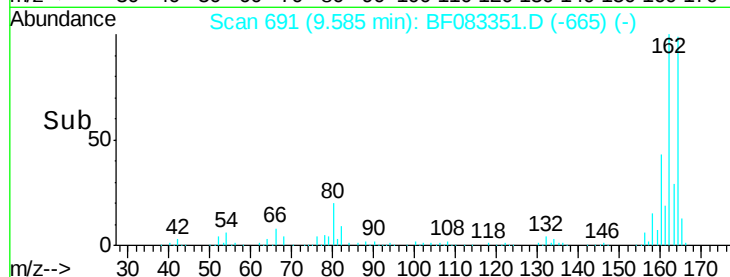
160 43.9 35.3 52.9



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: 66.82 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

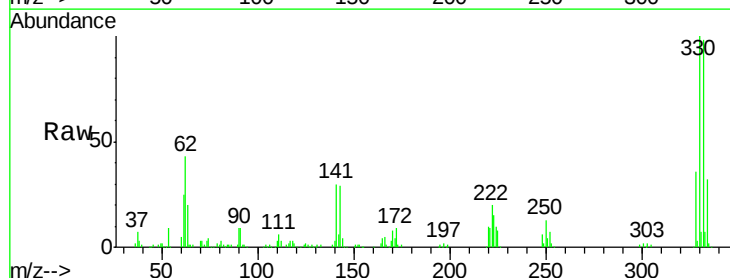
Tgt Ion:330 Resp: 235969

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

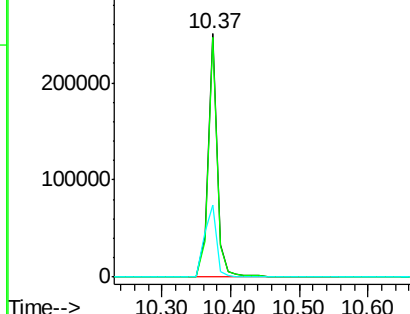
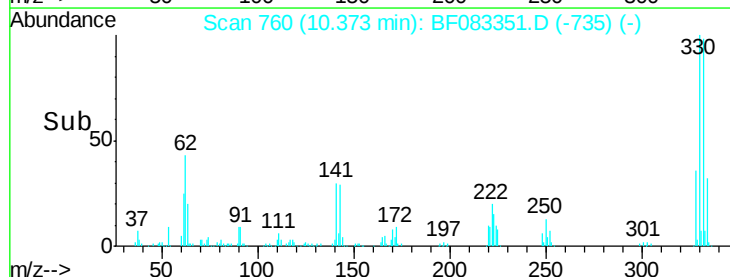
141 38.0 29.4 44.0

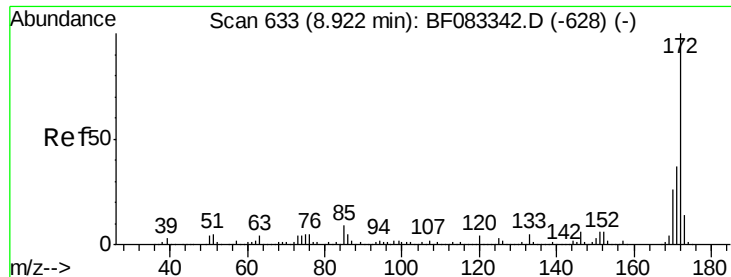


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

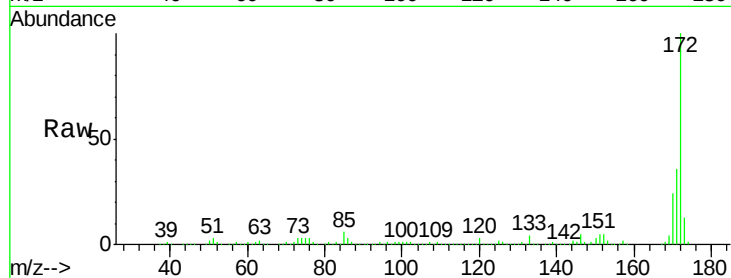




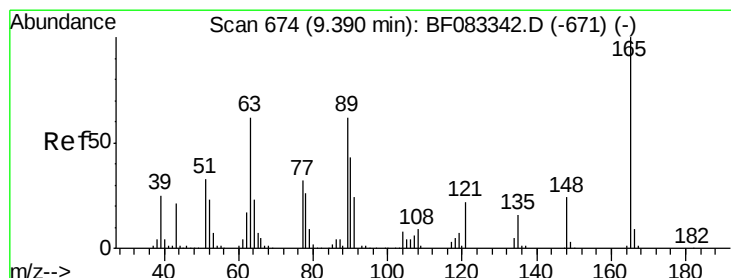
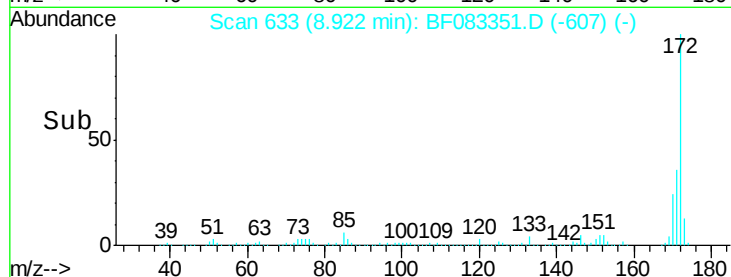
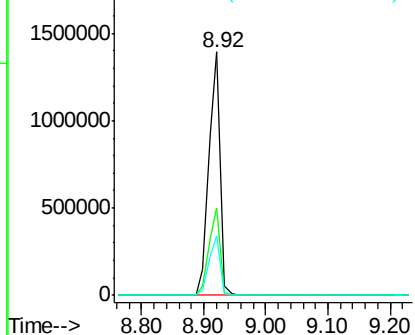
#44
 2-Fluorobiphenyl
 Concen: 70.97 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Tgt Ion:172 Resp: 1751993
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 20.4 30.6

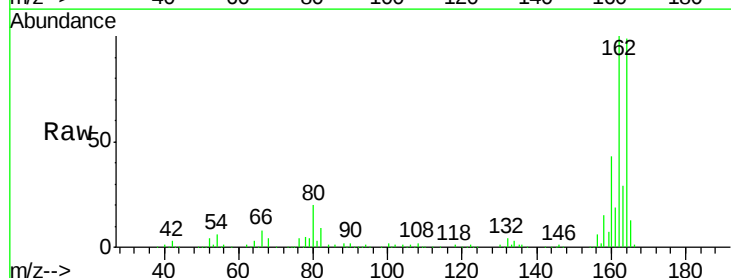


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

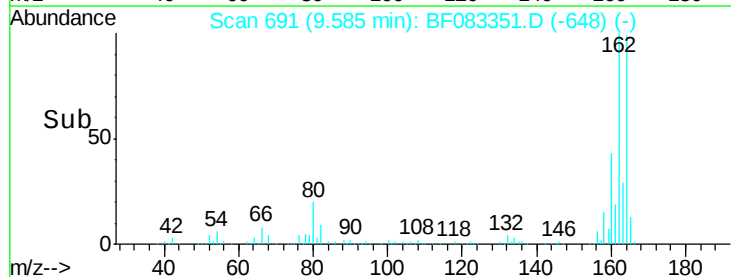
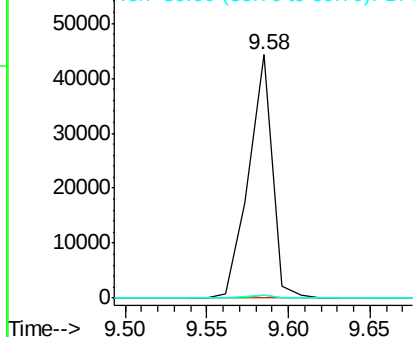


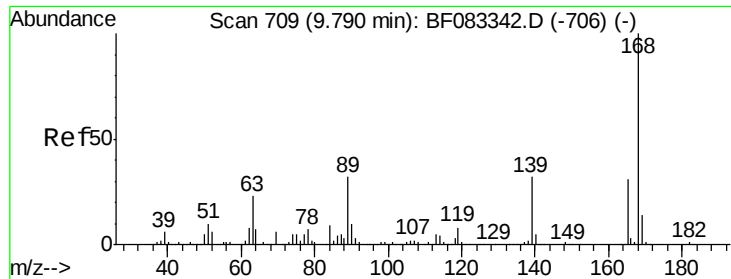
#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Tgt Ion:165 Resp: 44563
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.0 84.0#
 89 1.0 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

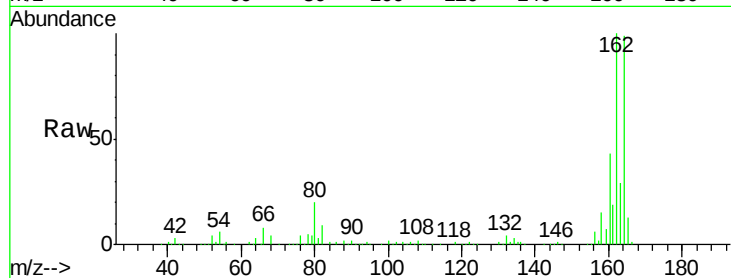




#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	65.4	98.0#
89	1.0	81.2	121.8#
182	0.0	1.8	2.8#

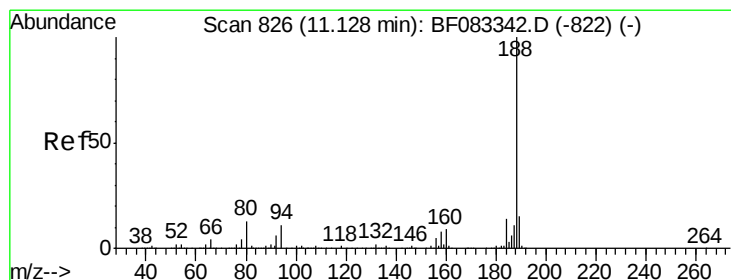
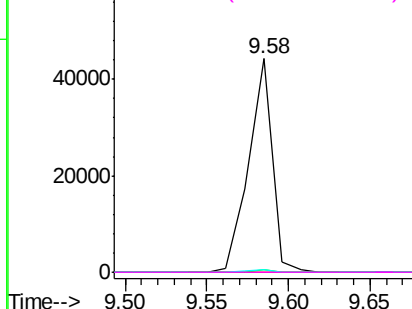
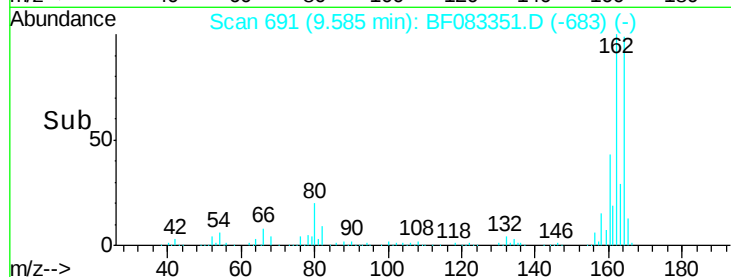


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

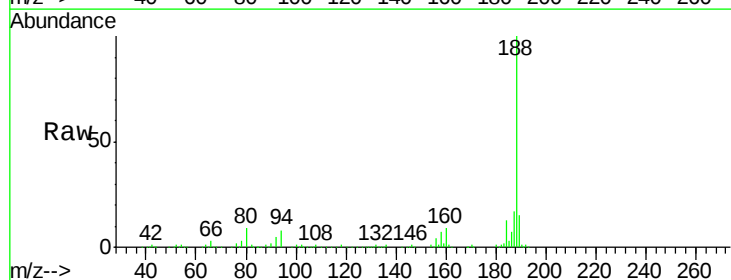
Ion 89.00 (88.70 to 89.70): BF0

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: BF083351.D
 Acq: 30 Nov 2015 23:41

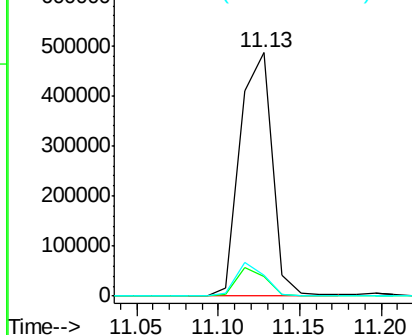
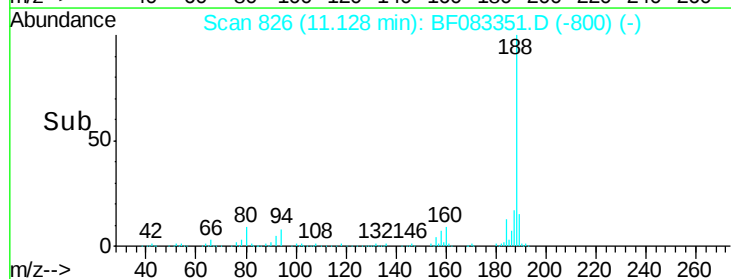
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	8.7	10.3	15.5#

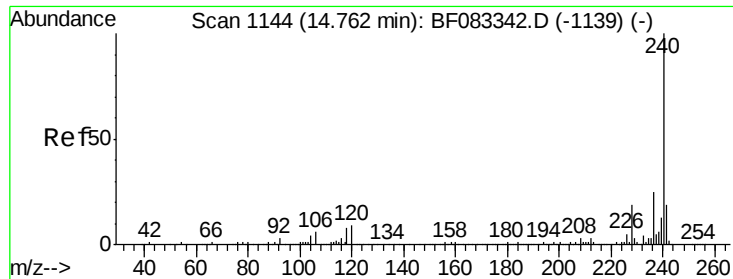


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

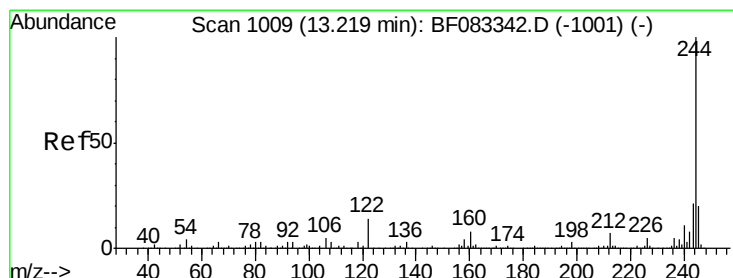
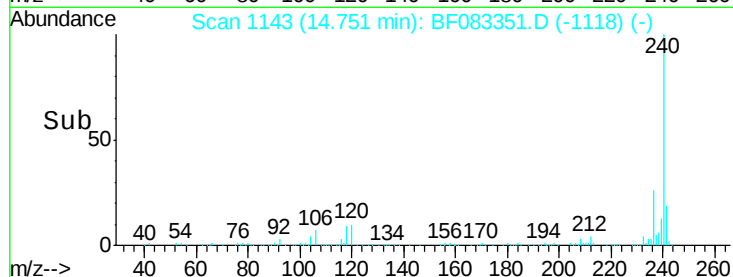
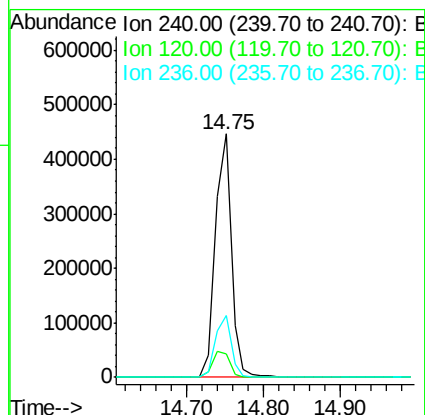
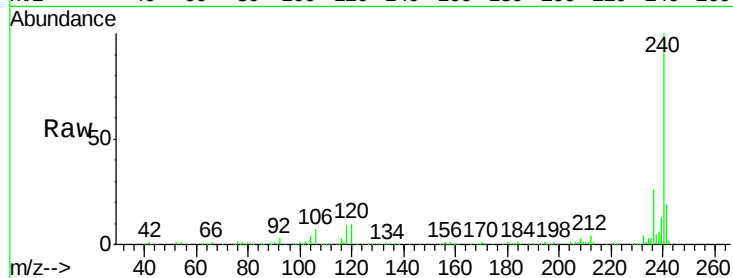




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

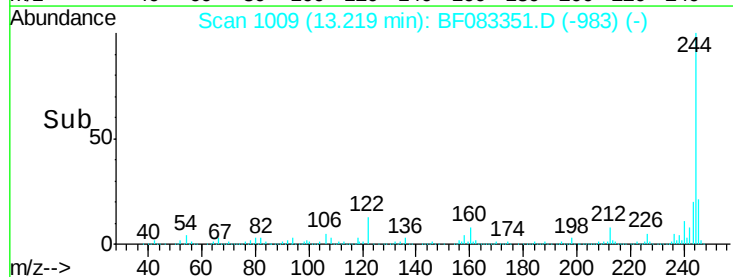
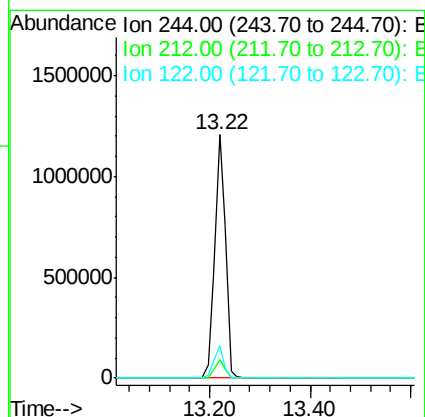
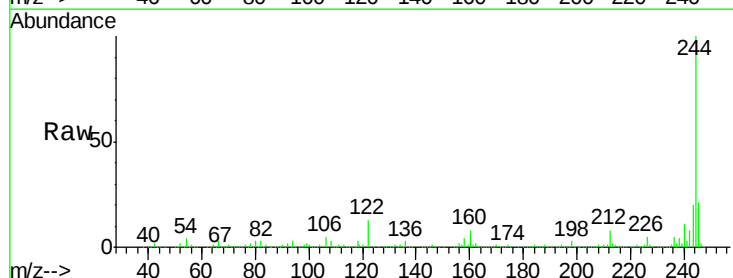
Instrument :
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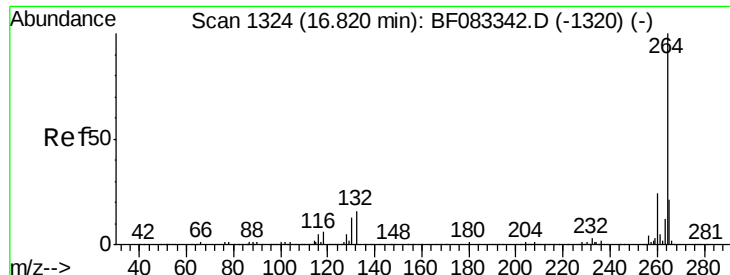
Tgt Ion:240 Resp: 646463
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 25.6 19.8 29.6



#78
Terphenyl-d14
Concen: 65.87 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:244 Resp: 1785643
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 13.2 11.0 16.4

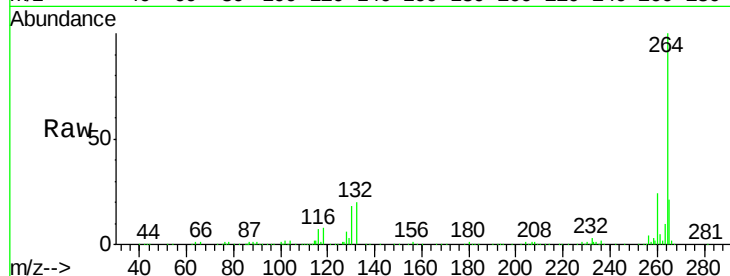




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion: 264 Resp: 536906
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

