

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085553.D
 Acq On : 19 Mar 2016 4:45
 Operator : UM/SJ
 Sample : PB89025BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Quant Time: Mar 19 05:27:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

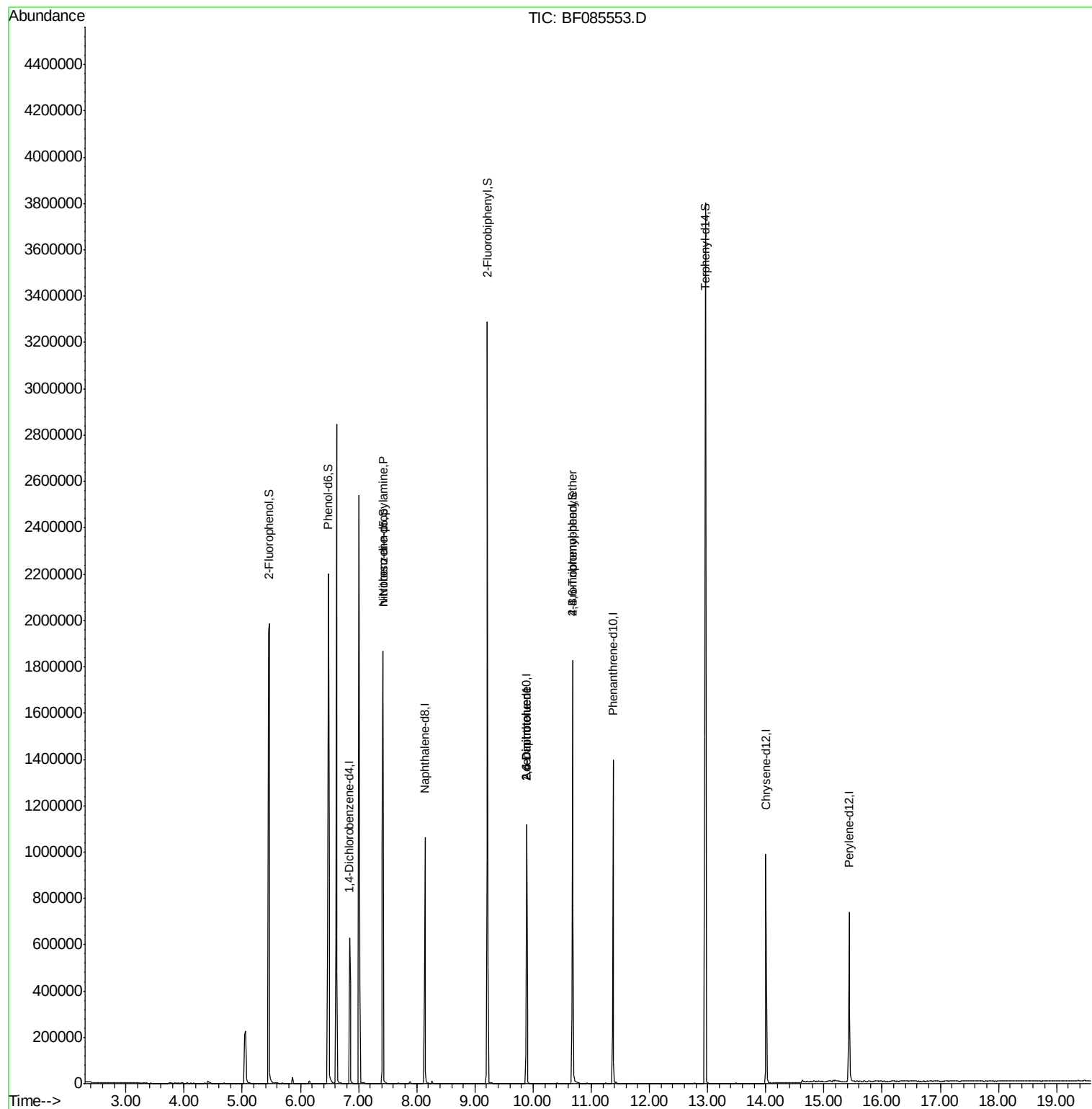
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126657	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532771	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	228494	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	471887	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	384540	20.00	ng	-0.01
86) Perylene-d12	15.43	264	320956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	932435	123.65	ng	0.01
7) Phenol-d6	6.48	99	1041569	107.70	ng	-0.01
23) Nitrobenzene-d5	7.42	82	737304	80.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	274434	122.61	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1123779	83.53	ng	-0.01
78) Terphenyl-d14	12.96	244	1267821	79.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	98492	17.05	ng	# 76
50) 2,6-Dinitrotoluene	9.89	165	29000	7.97	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	29002	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	17272	3.66	ng	# 1

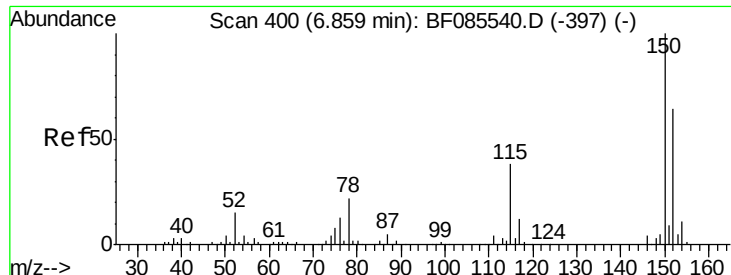
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085553.D
Acq On : 19 Mar 2016 4:45
Operator : UM/SJ
Sample : PB89025BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89025BL

Quant Time: Mar 19 05:27:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

PB89025BL

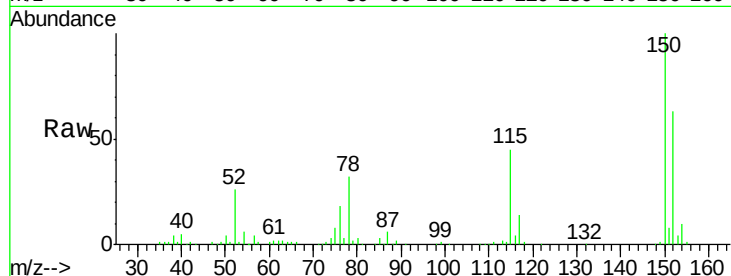
Tgt Ion:152 Resp: 126657

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

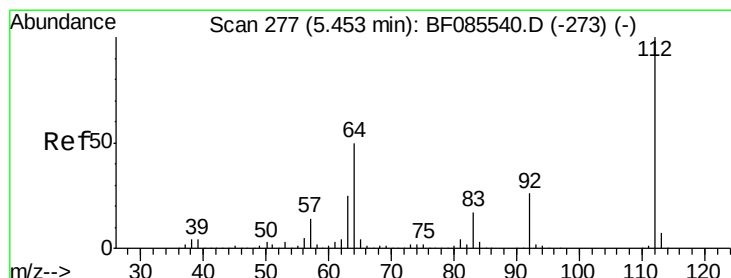
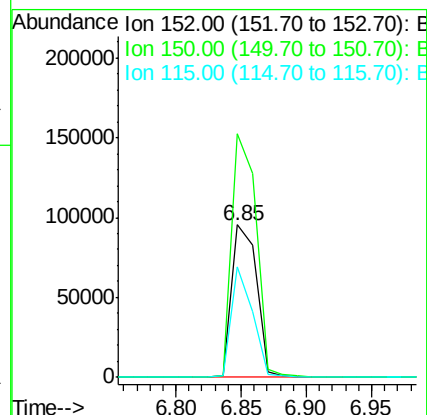
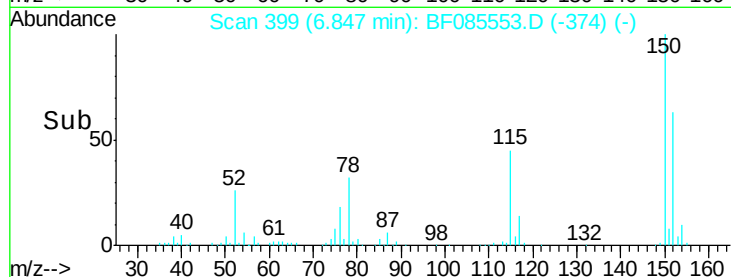
115 72.2 47.0 70.6#



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: 123.65 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

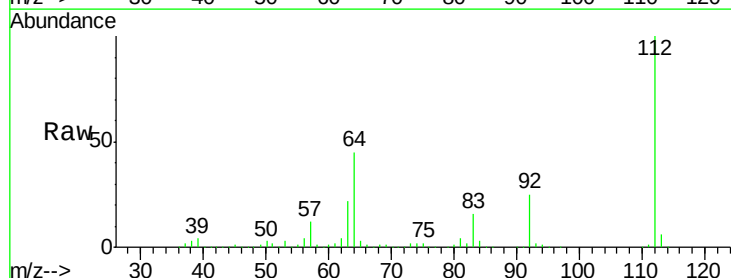
Tgt Ion:112 Resp: 932435

Ion Ratio Lower Upper

112 100

64 44.7 39.9 59.9

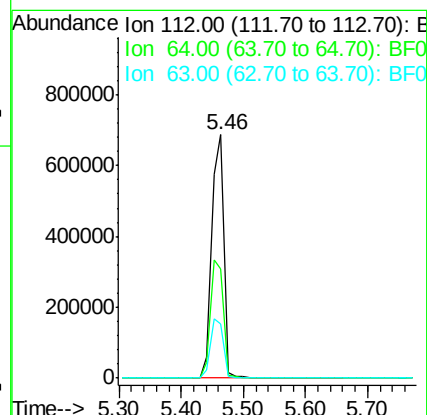
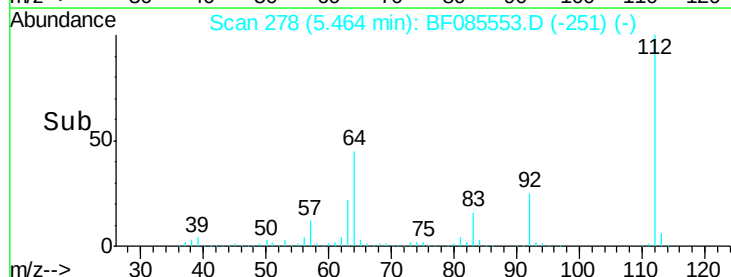
63 22.4 20.2 30.2

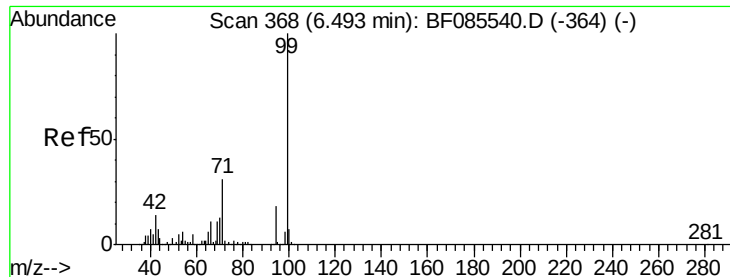


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.70 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

PB89025BL

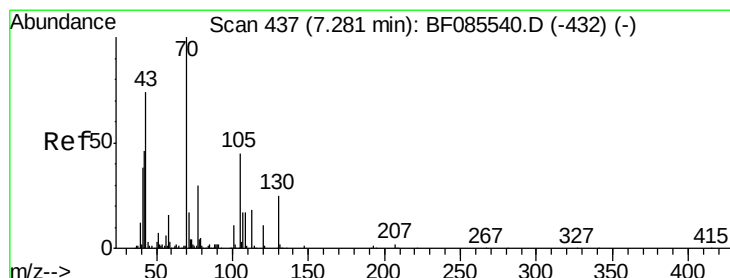
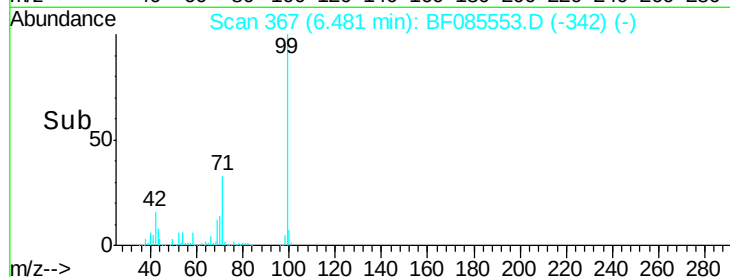
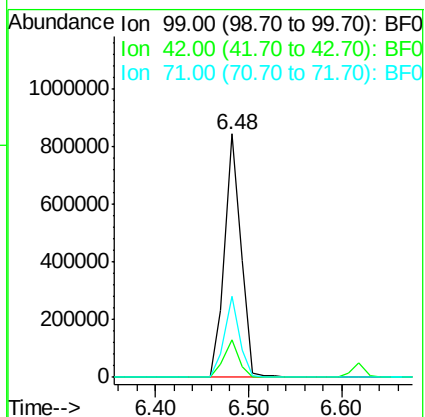
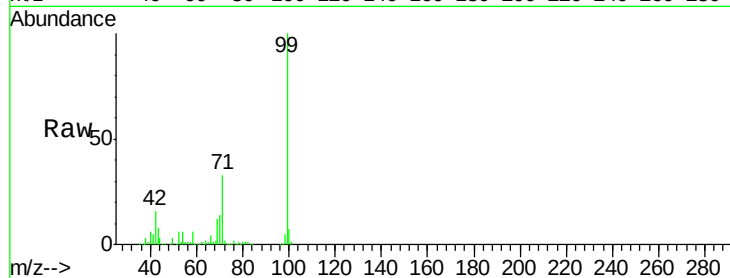
Tgt Ion: 99 Resp: 1041569

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 33.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.05 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Tgt Ion: 70 Resp: 98492

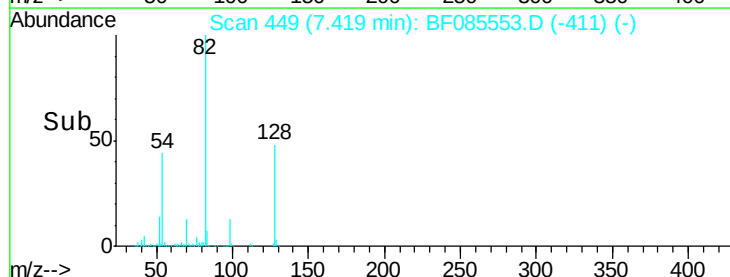
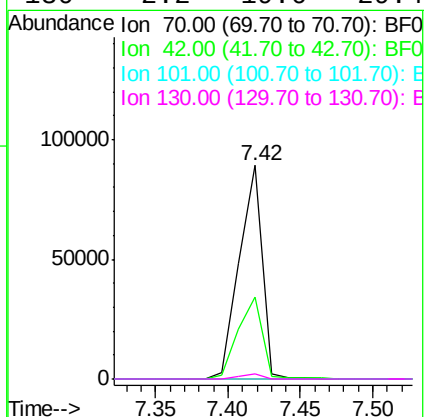
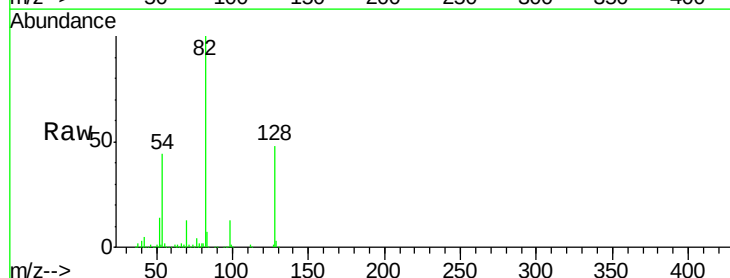
Ion Ratio Lower Upper

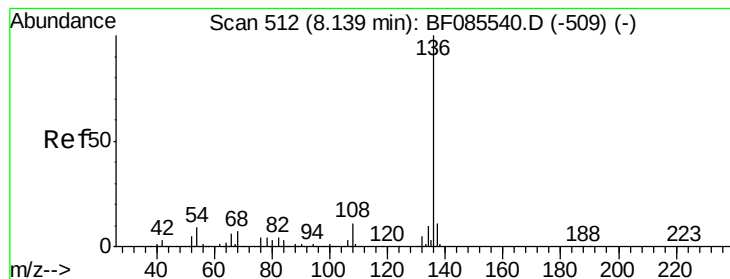
70 100

42 38.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

PB89025BL

Tgt Ion:136 Resp: 532771

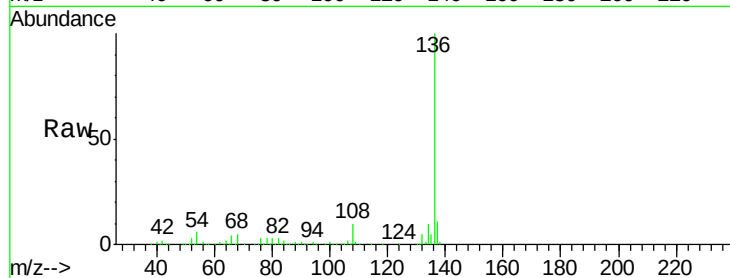
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.0 7.4 11.0#

68 5.1 5.8 8.8#

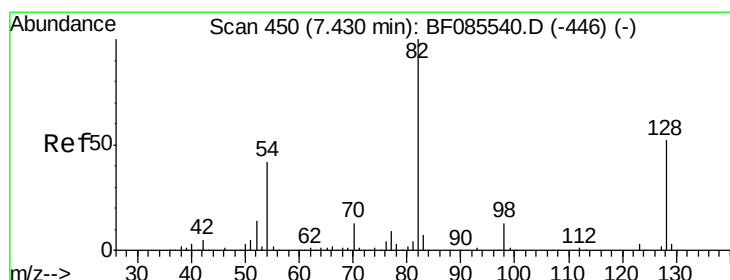
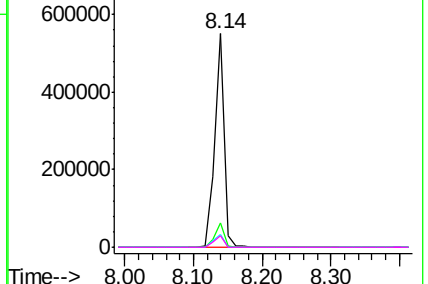
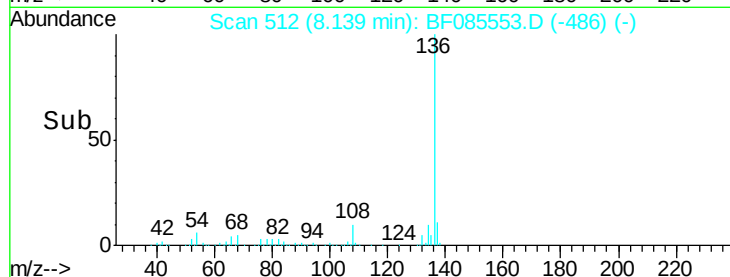


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.33 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

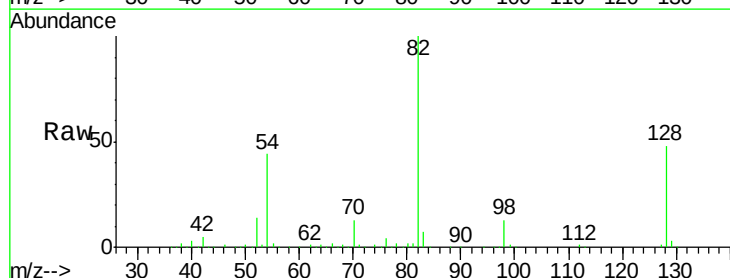
Tgt Ion: 82 Resp: 737304

Ion Ratio Lower Upper

82 100

128 47.6 41.8 62.8

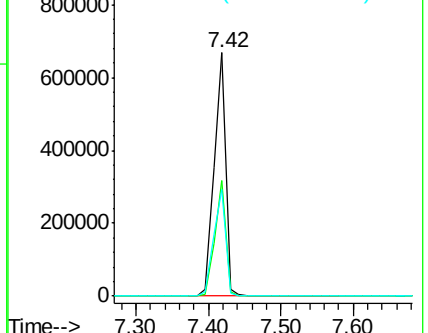
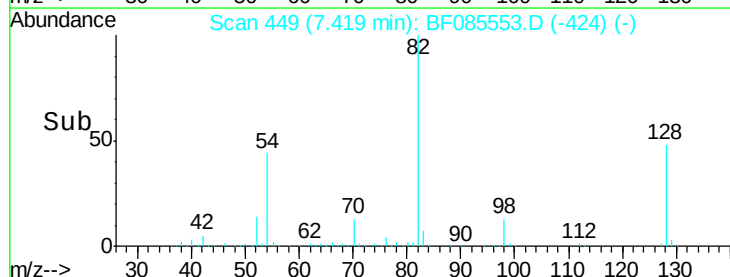
54 43.7 33.4 50.0

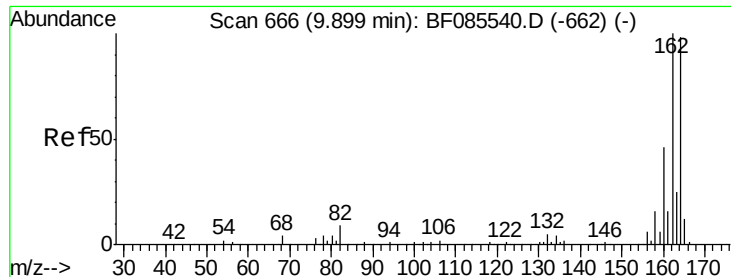


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

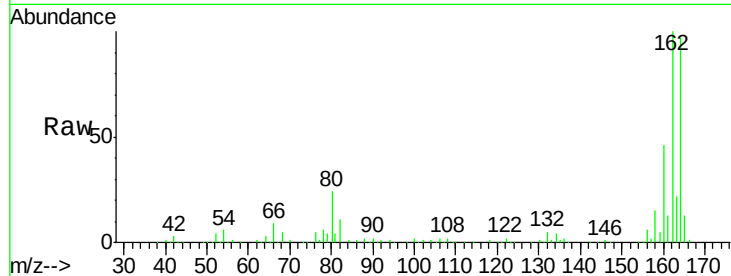




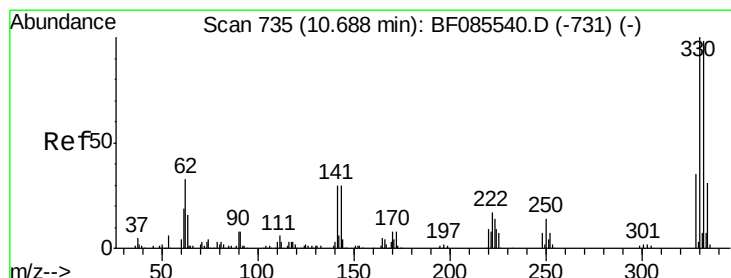
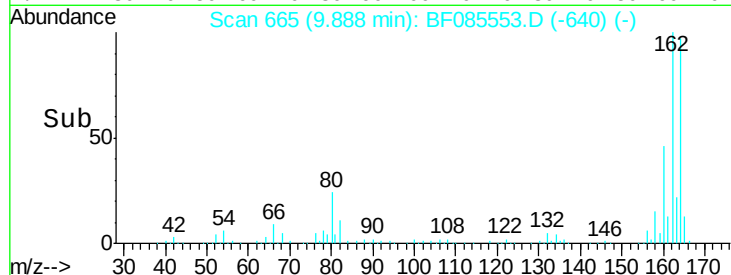
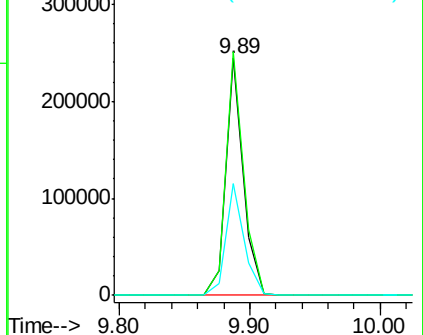
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Tgt Ion:164 Resp: 228494
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 47.0 37.4 56.2

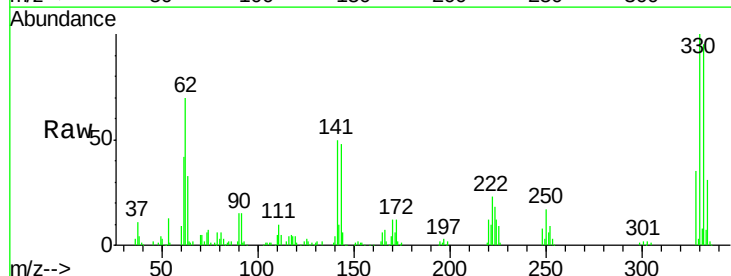


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

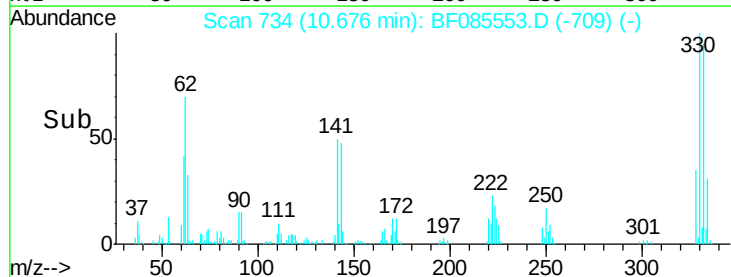
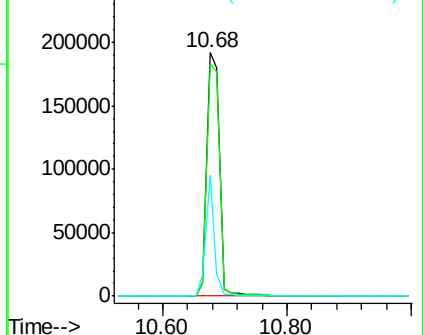


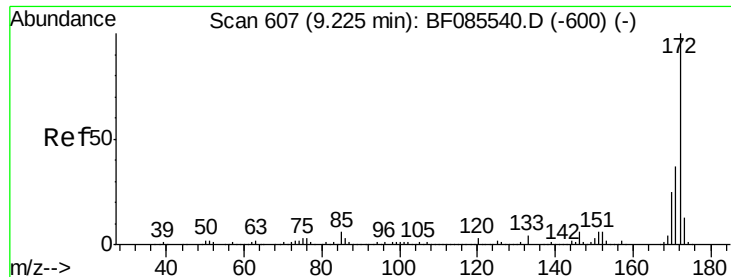
#41
 2,4,6-Tribromophenol
 Concen: 122.61 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion:330 Resp: 274434
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 34.1 31.5 47.3



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

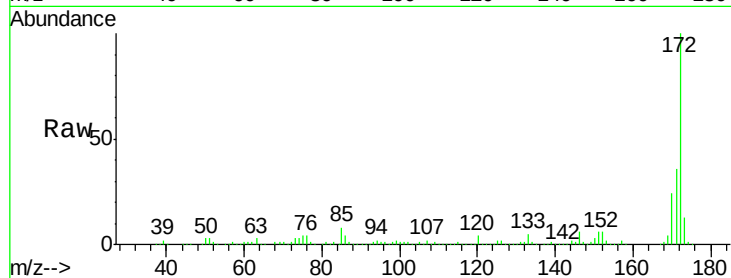




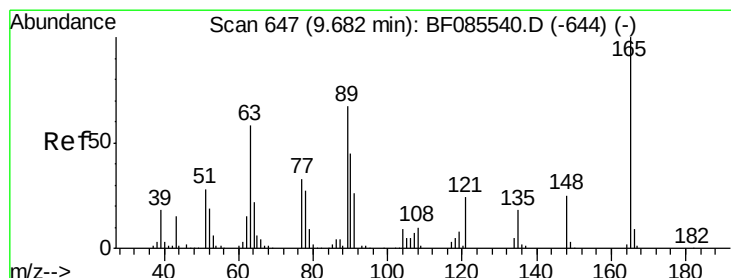
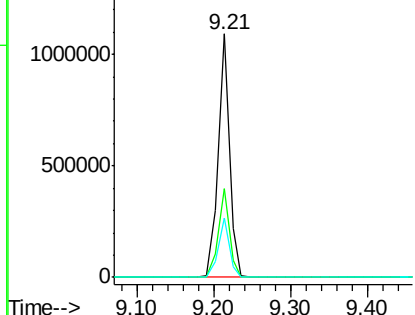
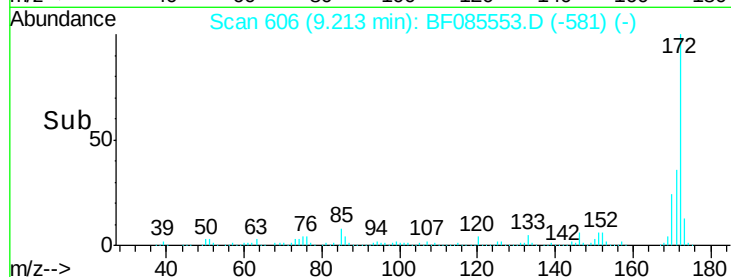
#44
 2-Fluorobiphenyl
 Concen: 83.53 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Tgt Ion:172 Resp: 1123779
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.4 19.8 29.6

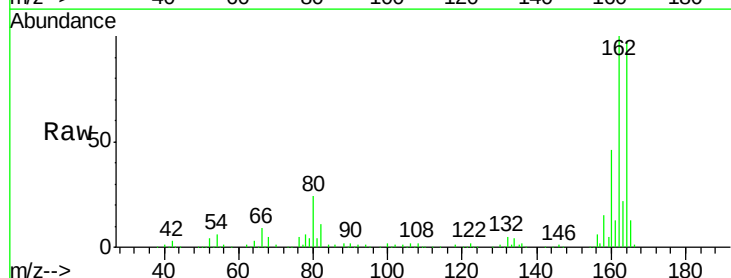


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

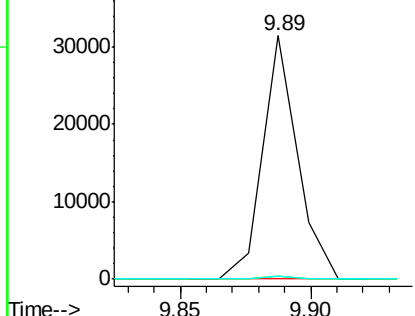
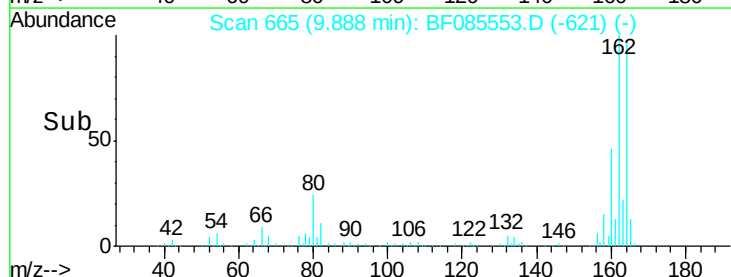


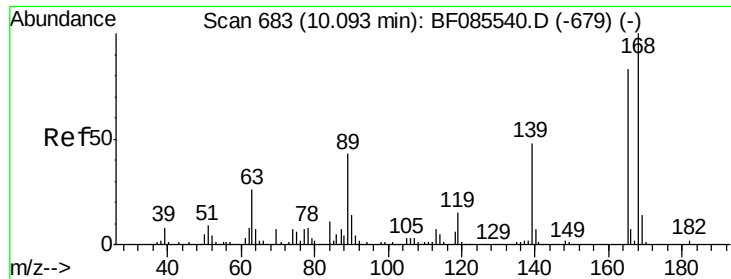
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion:165 Resp: 29000
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.3 53.7 80.5#



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

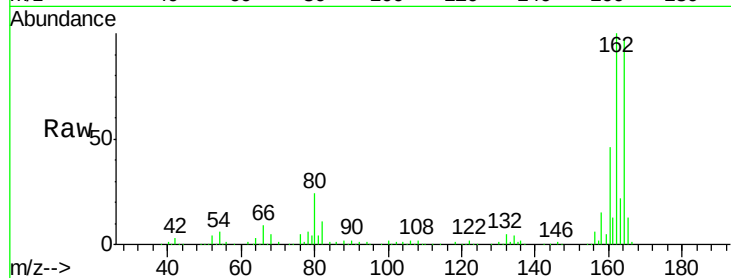




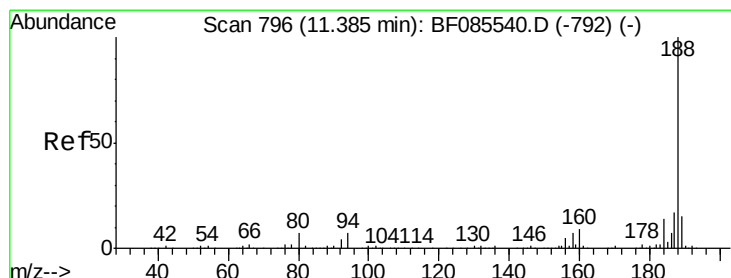
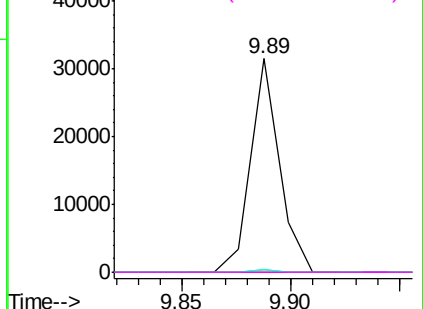
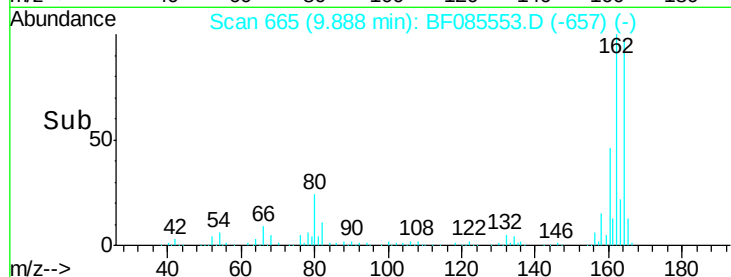
#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

Tgt Ion:	165	Resp:	29002
Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

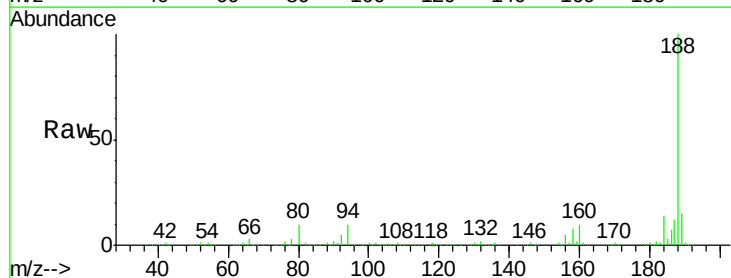


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

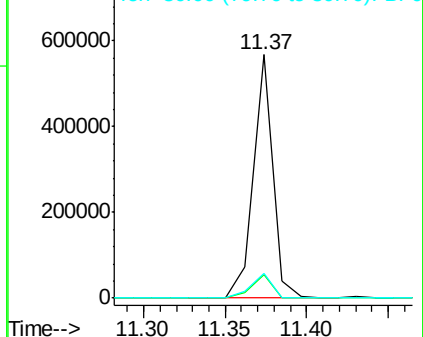
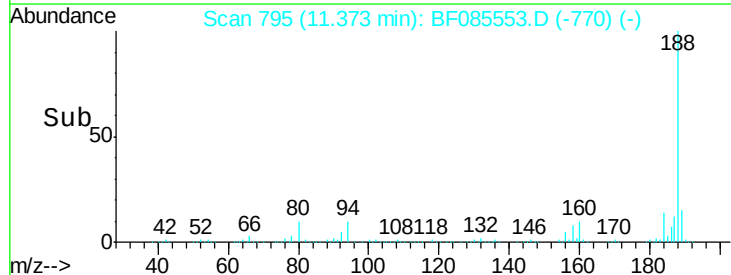


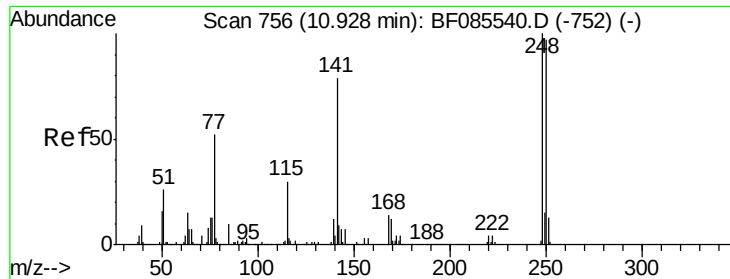
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion:	188	Resp:	471887
Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.4	8.0#
80	10.3	5.5	8.3#



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

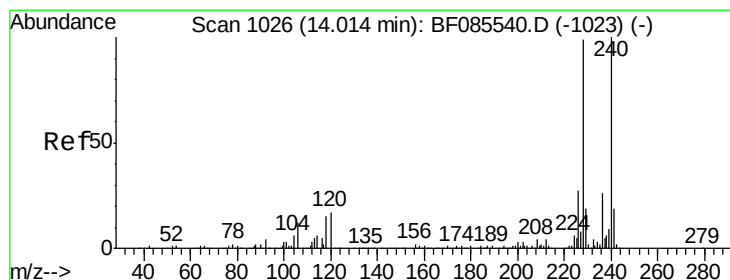
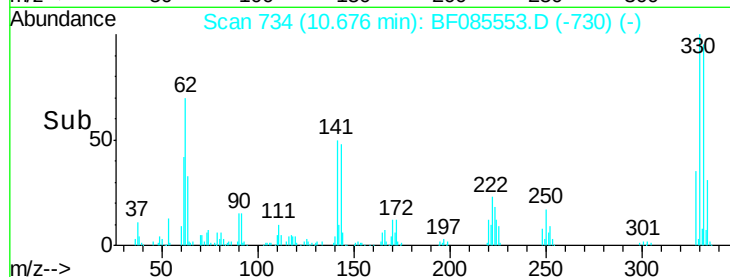
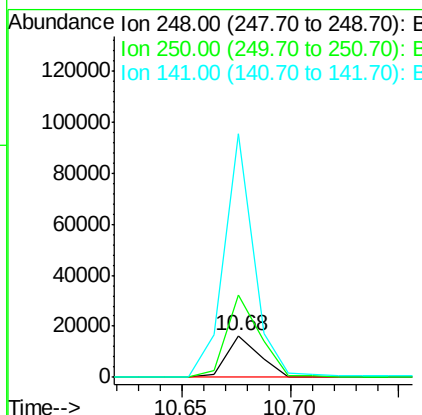
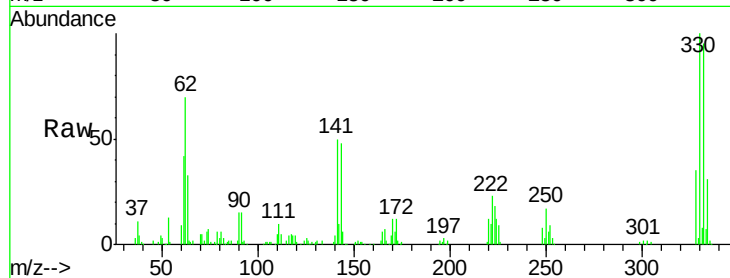




#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

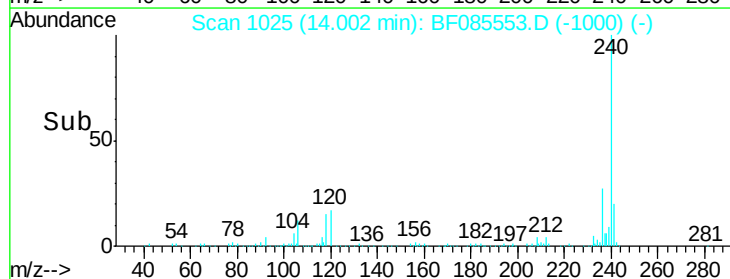
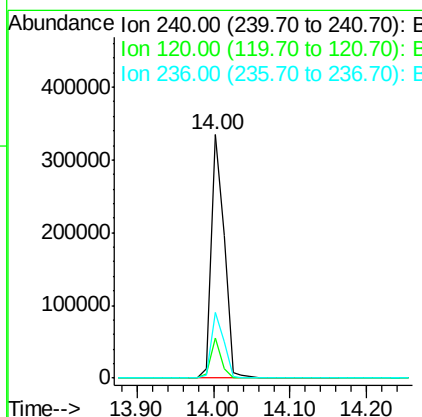
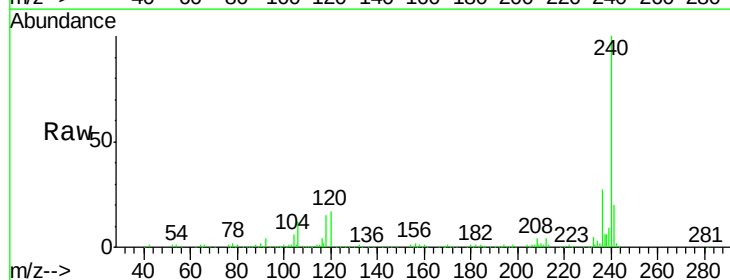
Instrument :
 BNA_F
 ClientSampleId :
 PB89025BL

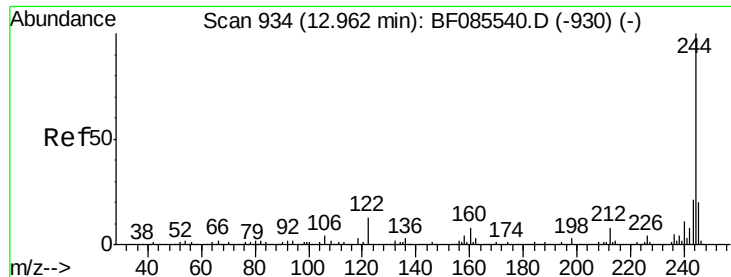
Tgt Ion: 248 Resp: 17272
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.4 116.0#
 141 584.9 63.6 95.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085553.D
 Acq: 19 Mar 2016 4:45

Tgt Ion: 240 Resp: 384540
 Ion Ratio Lower Upper
 240 100
 120 16.7 13.8 20.8
 236 26.8 20.6 30.8





#78

Terphenyl-d14

Concen: 79.34 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

Instrument :

BNA_F

ClientSampleId :

PB89025BL

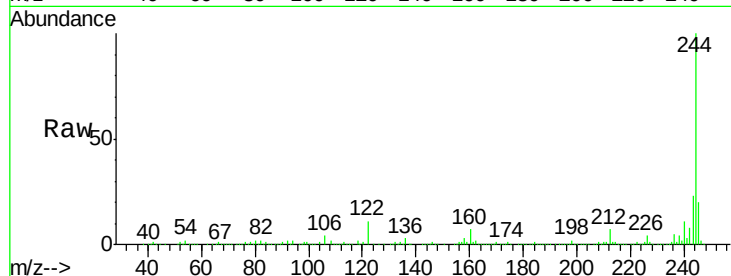
Tgt Ion:244 Resp: 1267821

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

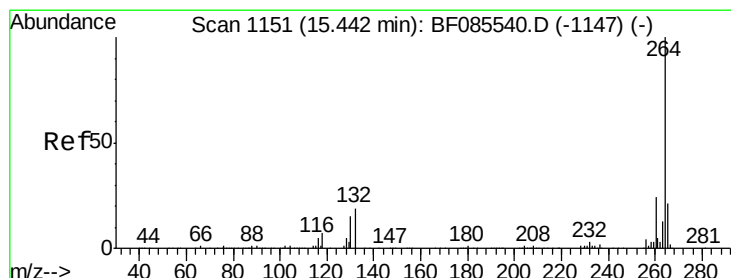
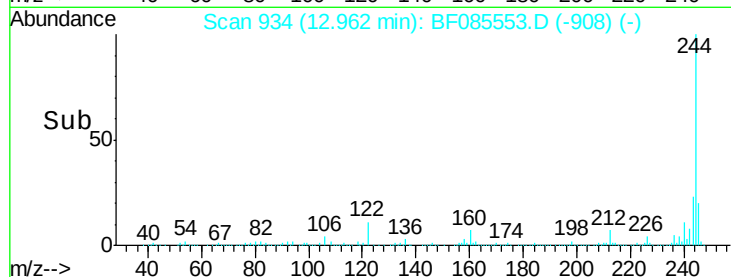
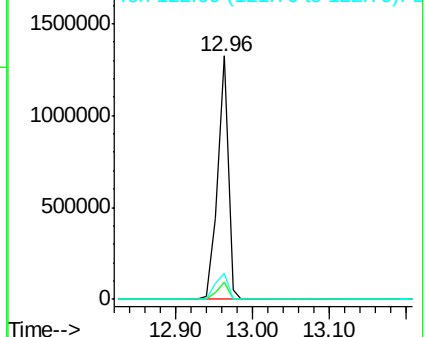
122 10.6 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085553.D

Acq: 19 Mar 2016 4:45

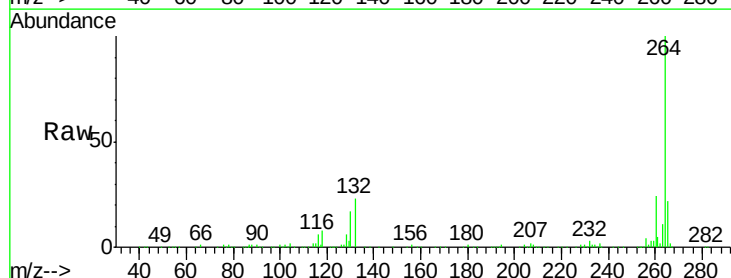
Tgt Ion:264 Resp: 320956

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.6 17.2 25.8



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

