

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086744.D
 Acq On : 7 May 2016 00:52
 Operator : UM/SJ
 Sample : H2770-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Quant Time: May 07 04:17:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

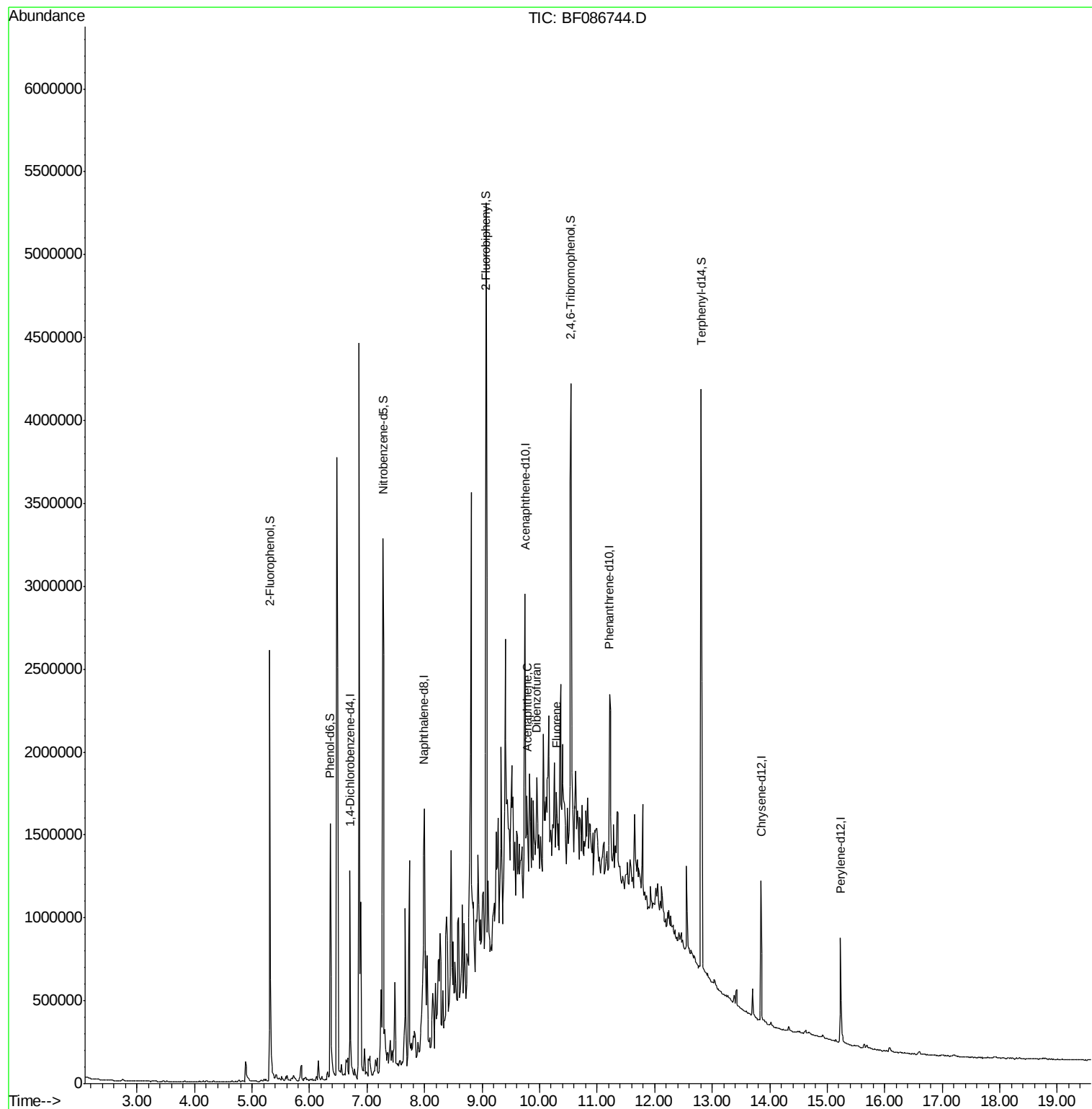
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170888	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	651018	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	296204	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	462490	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	334550	40.00	ng	-0.01
86) Perylene-d12	15.23	264	284558	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	678325	65.71	ng	-0.01
7) Phenol-d6	6.36	99	561926	40.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1269090	100.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	480575	165.86	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1807438	100.03	ng	-0.01
78) Terphenyl-d14	12.81	244	1320088	79.75	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	9.78	154	80760	4.41	ng	95
54) Dibenzofuran	9.95	168	57282	2.53	ng	# 79
57) Fluorene	10.29	166	94441	5.14	ng	# 96

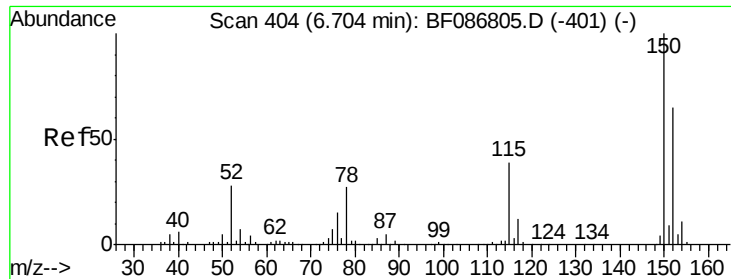
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086744.D
Acq On : 7 May 2016 00:52
Operator : UM/SJ
Sample : H2770-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW16

Quant Time: May 07 04:17:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

MW16

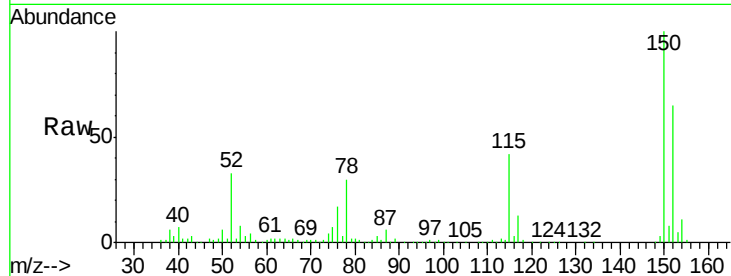
Tgt Ion:152 Resp: 170888

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

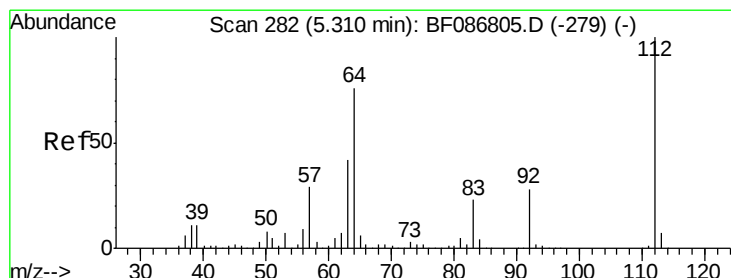
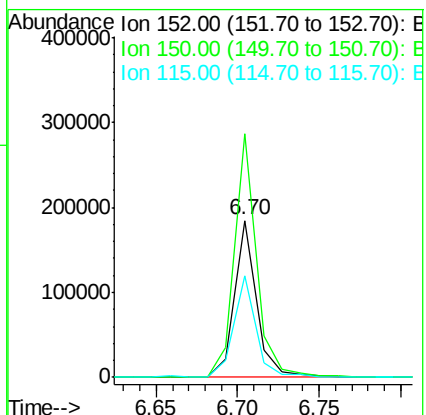
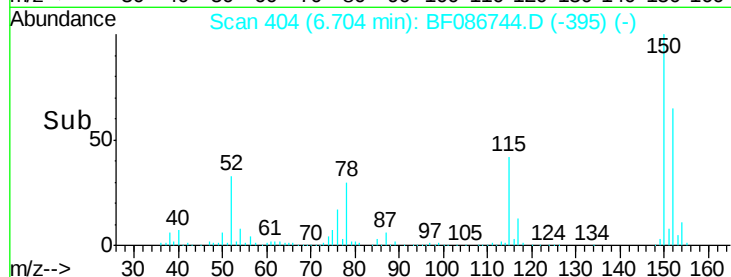
115 64.5 51.5 77.3



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: 65.71 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

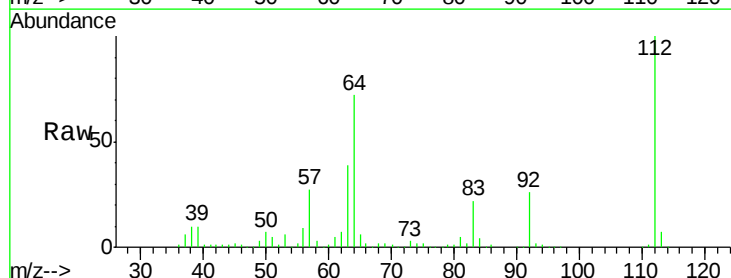
Tgt Ion:112 Resp: 678325

Ion Ratio Lower Upper

112 100

64 72.1 52.1 78.1

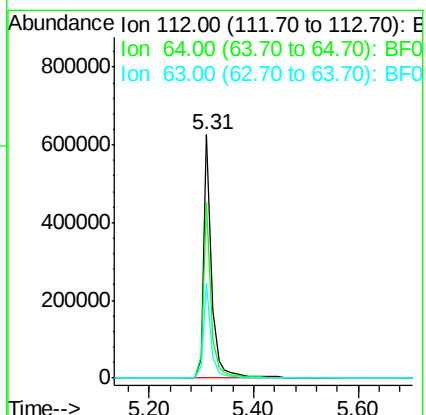
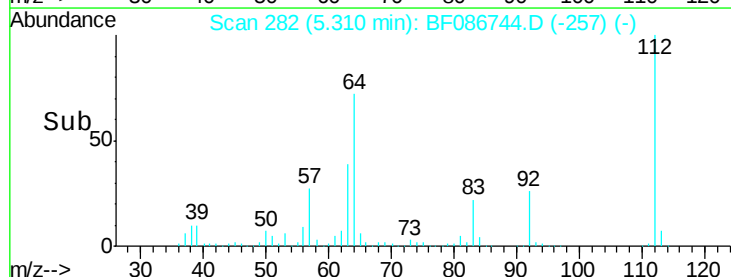
63 39.2 25.7 38.5#

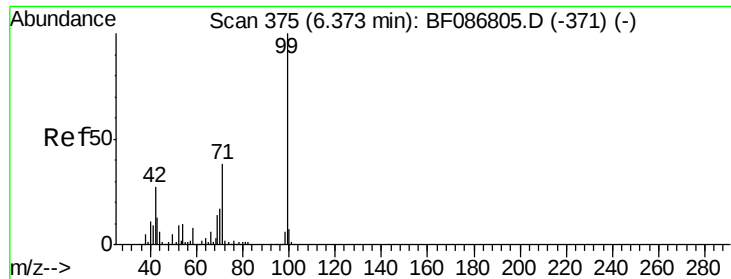


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.41 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

MW16

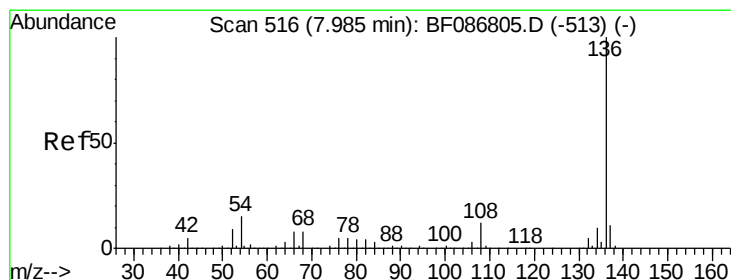
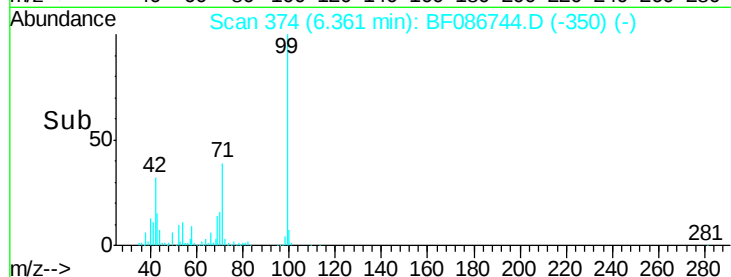
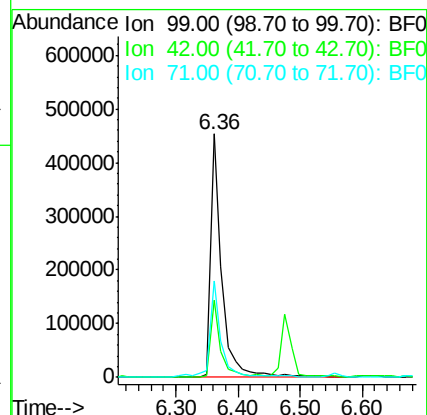
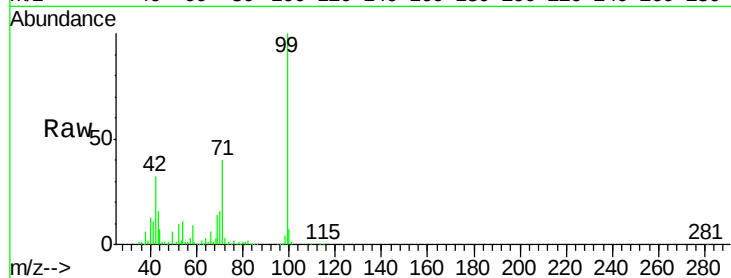
Tgt Ion: 99 Resp: 561926

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 39.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Tgt Ion: 136 Resp: 651018

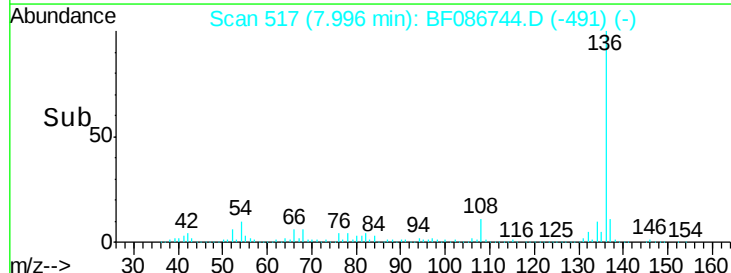
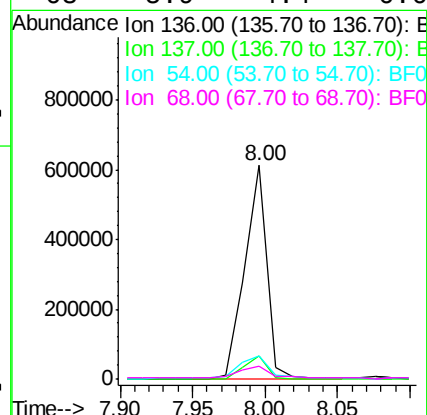
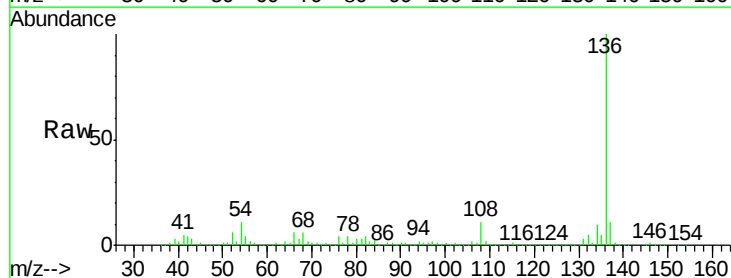
Ion Ratio Lower Upper

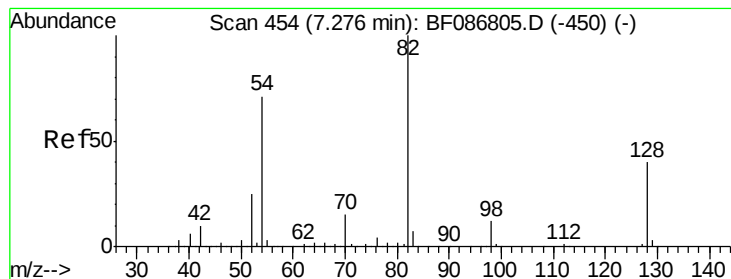
136 100

137 10.9 8.8 13.2

54 10.7 5.0 7.4#

68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 100.17 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

MW16

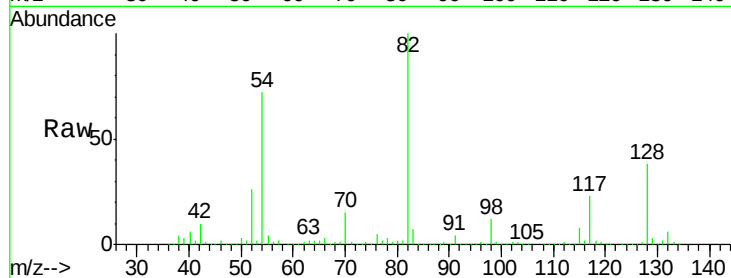
Tgt Ion: 82 Resp: 1269090

Ion Ratio Lower Upper

82 100

128 38.2 40.6 61.0#

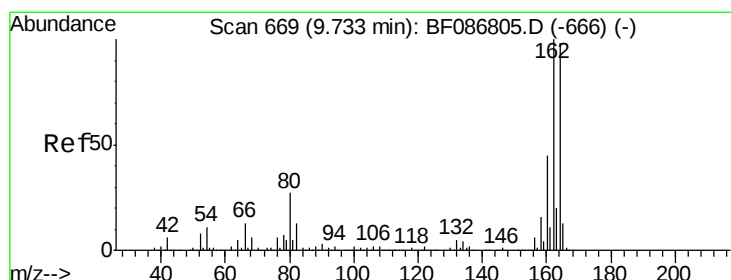
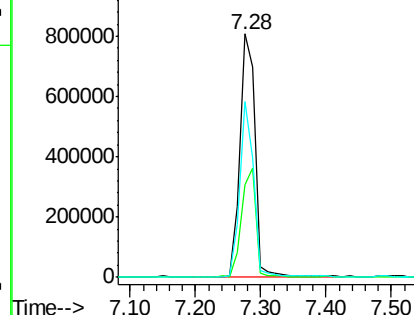
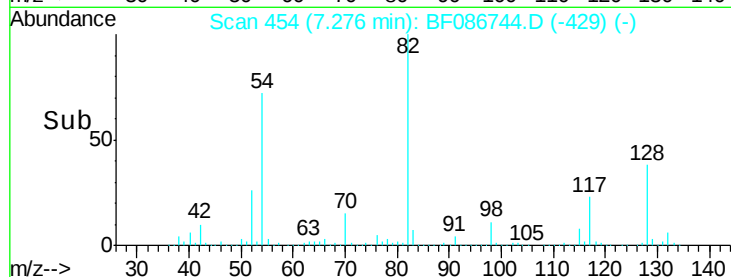
54 72.1 38.1 57.1#



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: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

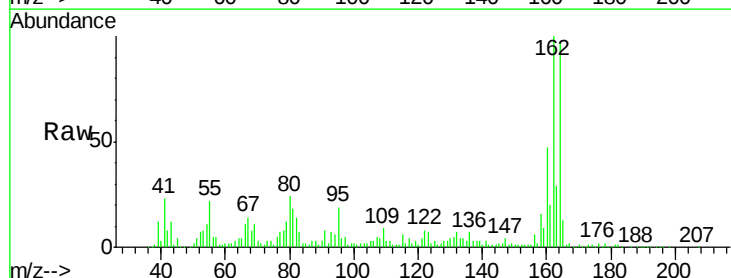
Tgt Ion: 164 Resp: 296204

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

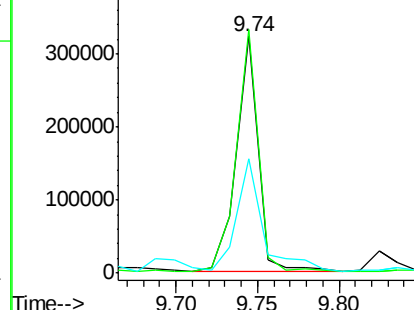
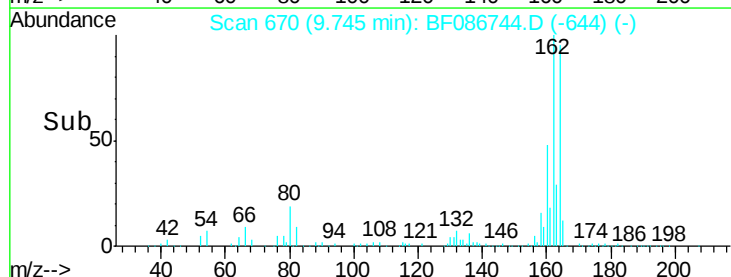
160 48.4 36.9 55.3

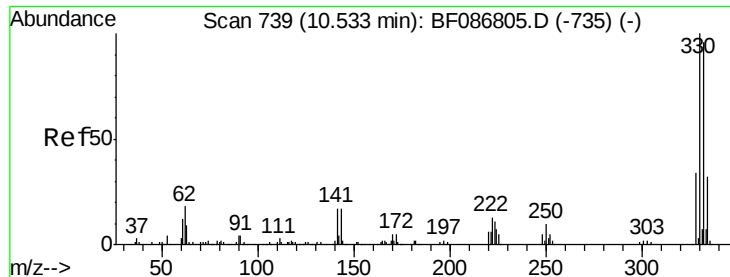


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

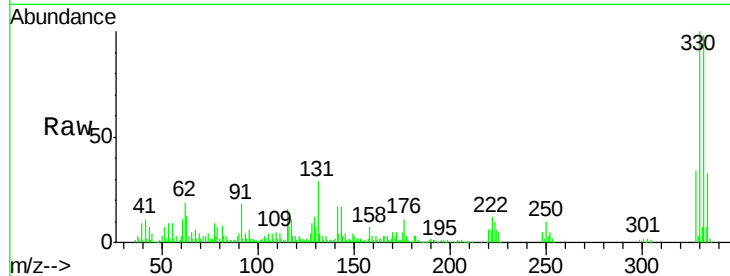




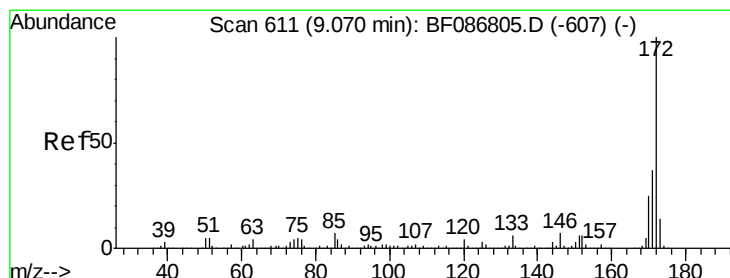
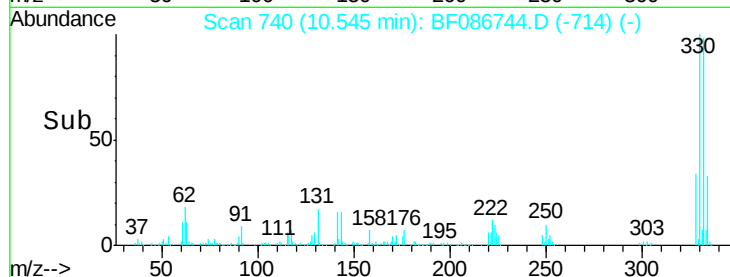
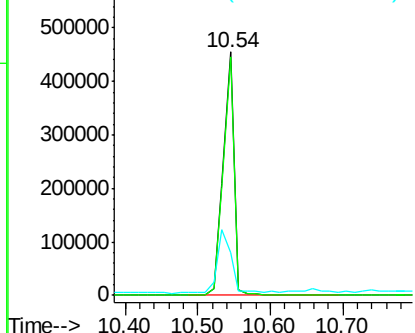
#41
 2,4,6-Tribromophenol
 Concen: 165.86 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF086744.D
 Acq: 7 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Tgt Ion:330 Resp: 480575
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 32.9 31.2 46.8

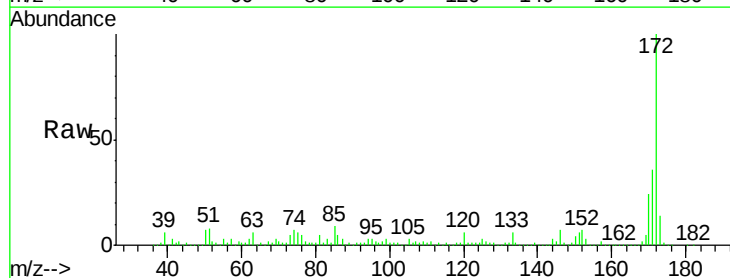


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

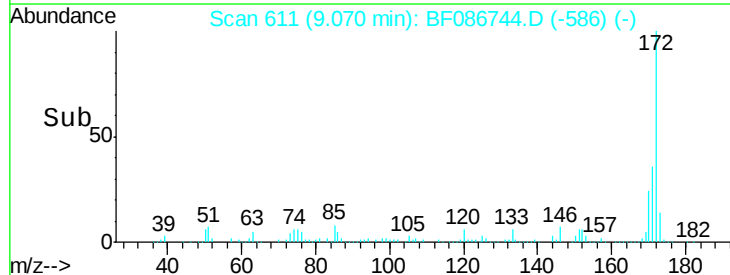
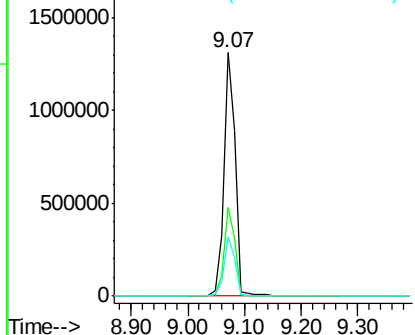


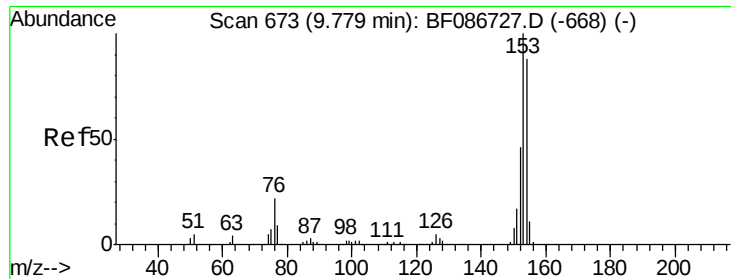
#44
 2-Fluorobiphenyl
 Concen: 100.03 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086744.D
 Acq: 7 May 2016 00:52

Tgt Ion:172 Resp: 1807438
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.4 19.8 29.8



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





#51

Acenaphthene

Concen: 4.41 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

MW16

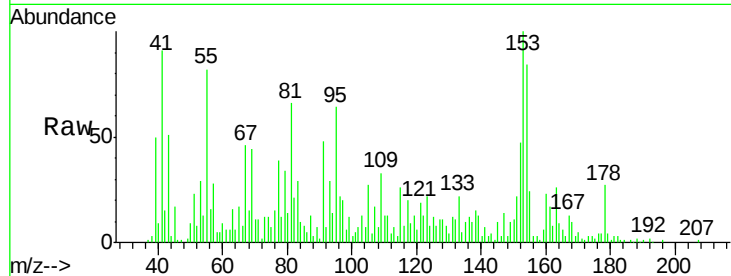
Tgt Ion:154 Resp: 80760

Ion Ratio Lower Upper

154 100

153 118.8 89.8 134.6

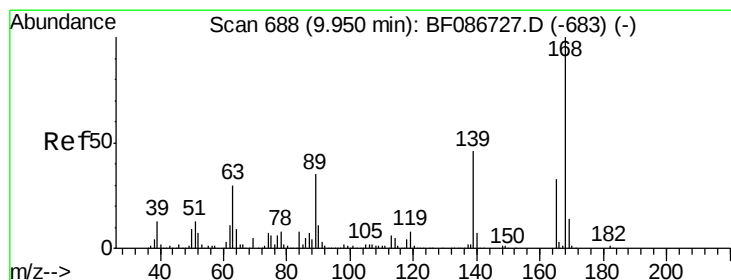
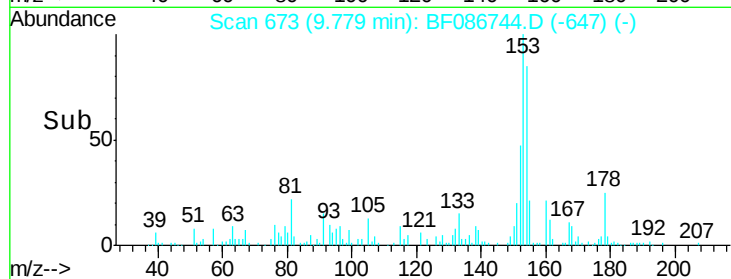
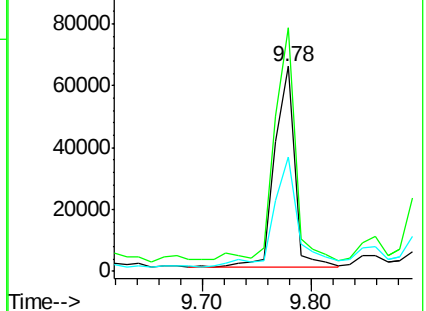
152 55.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.53 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

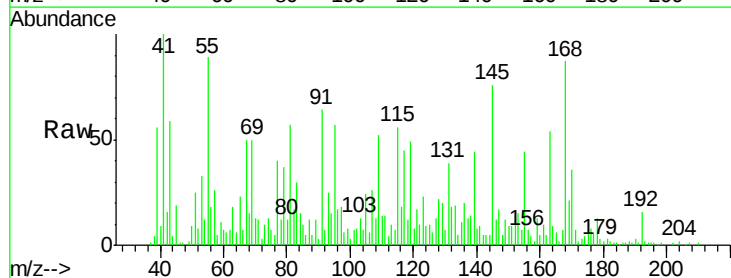
Tgt Ion:168 Resp: 57282

Ion Ratio Lower Upper

168 100

139 50.9 31.4 47.0#

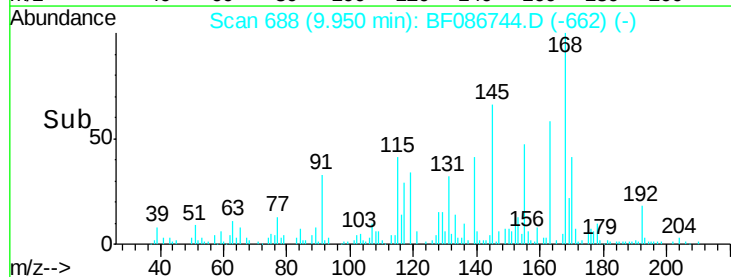
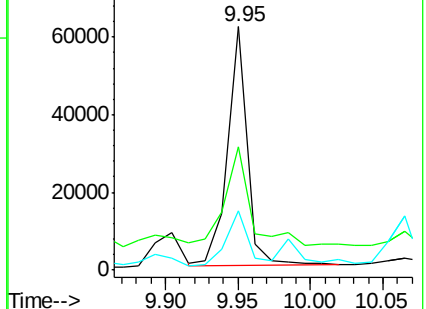
169 24.3 10.7 16.1#

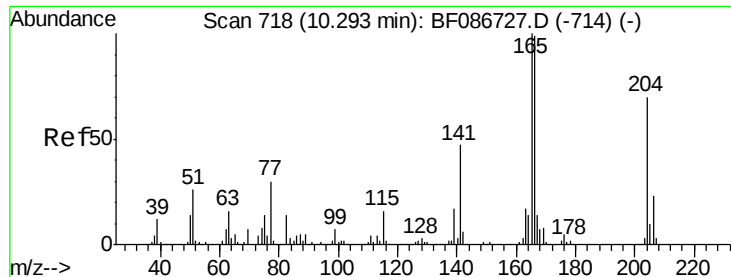


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

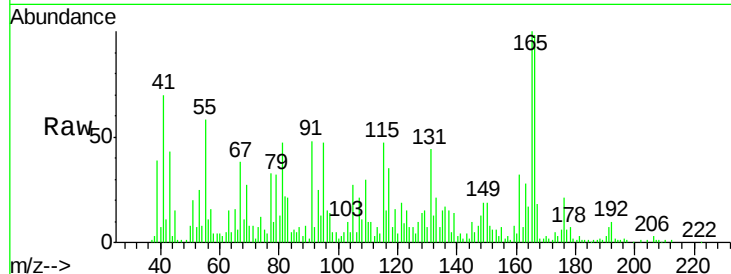




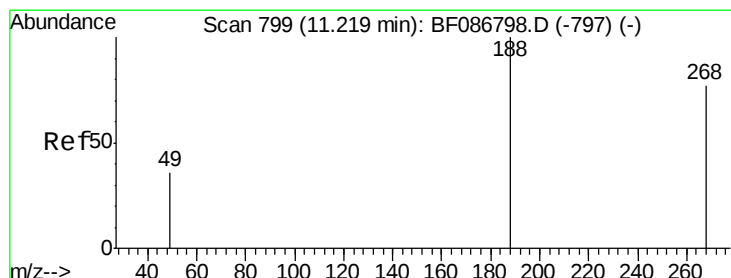
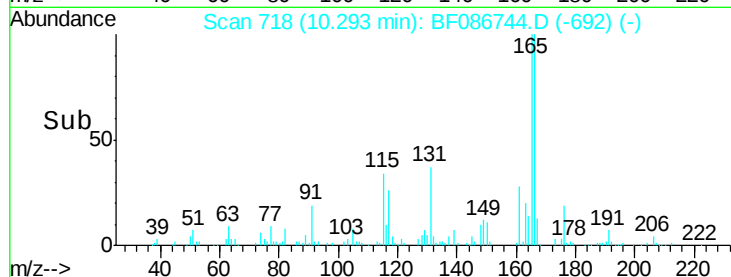
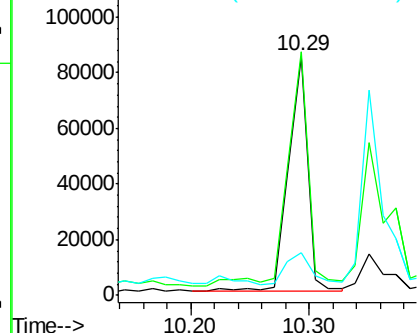
#57
Fluorene
 Concen: 5.14 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF086744.D
 Acq: 7 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Tgt Ion:166 Resp: 94441
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.0 118.6
 167 18.1 10.6 15.8#

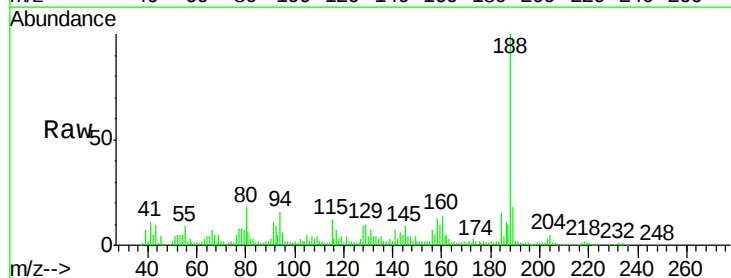


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

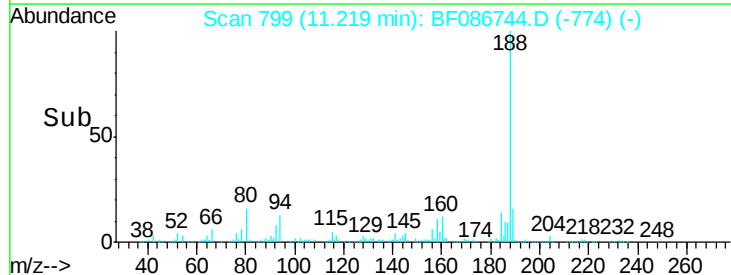
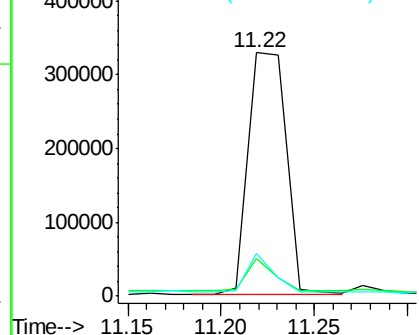


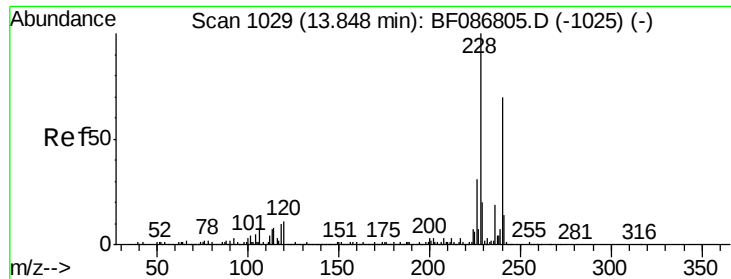
#63
Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086744.D
 Acq: 7 May 2016 00:52

Tgt Ion:188 Resp: 462490
 Ion Ratio Lower Upper
 188 100
 94 15.6 6.8 10.2#
 80 17.7 7.1 10.7#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

MW16

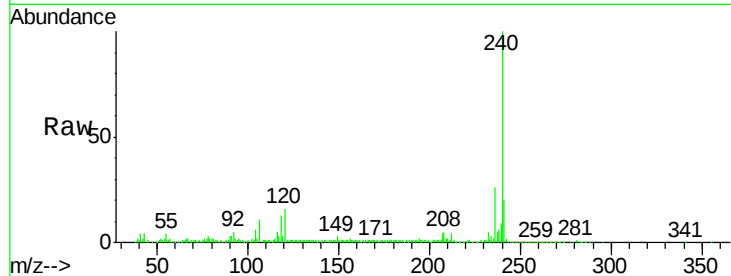
Tgt Ion:240 Resp: 334550

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

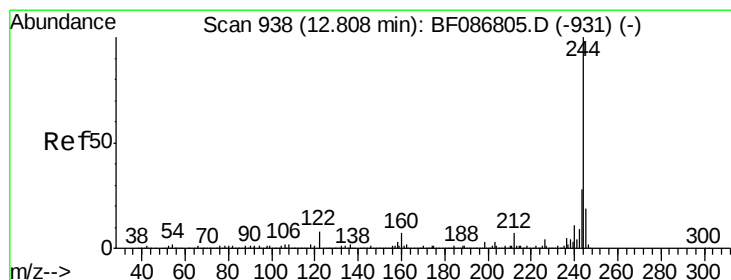
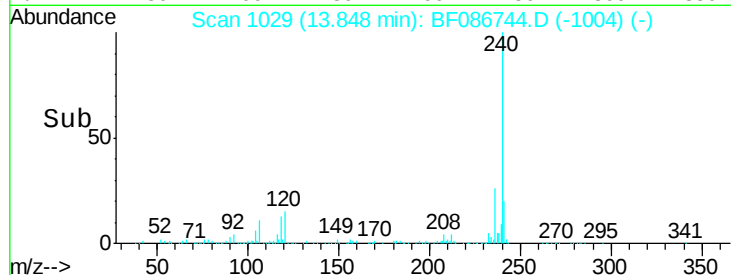
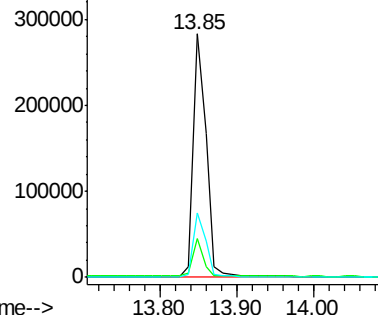
236 26.5 21.2 31.8



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: 79.75 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086744.D

Acq: 7 May 2016 00:52

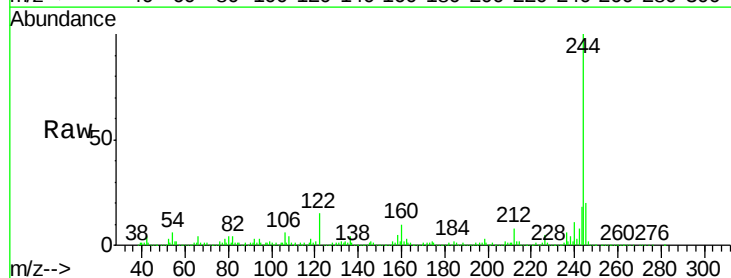
Tgt Ion:244 Resp: 1320088

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

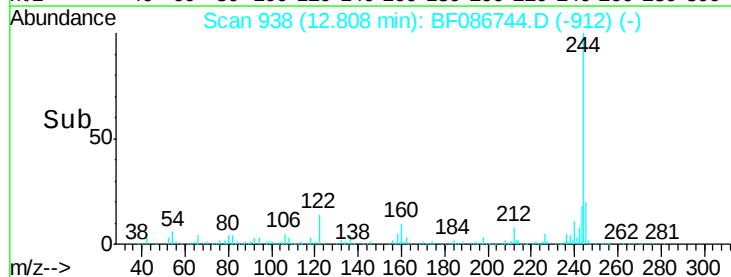
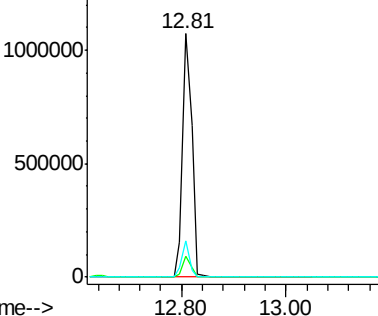
122 14.8 12.0 18.0

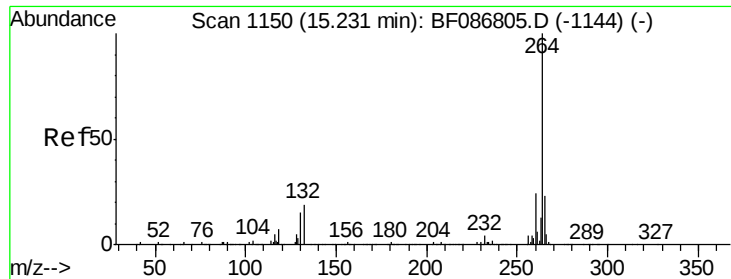


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

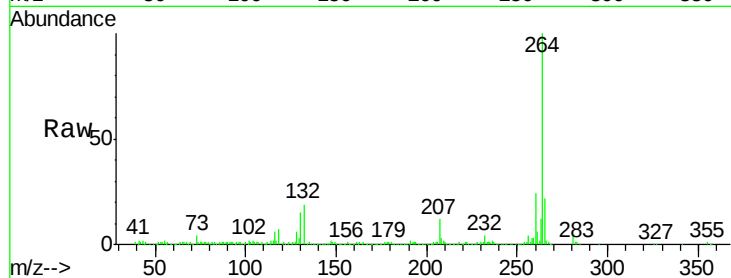




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086744.D
Acq: 7 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.3	25.9



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

