

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086730.D
 Acq On : 6 May 2016 18:09
 Operator : UM/SJ
 Sample : H2802-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: May 07 03:38:23 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

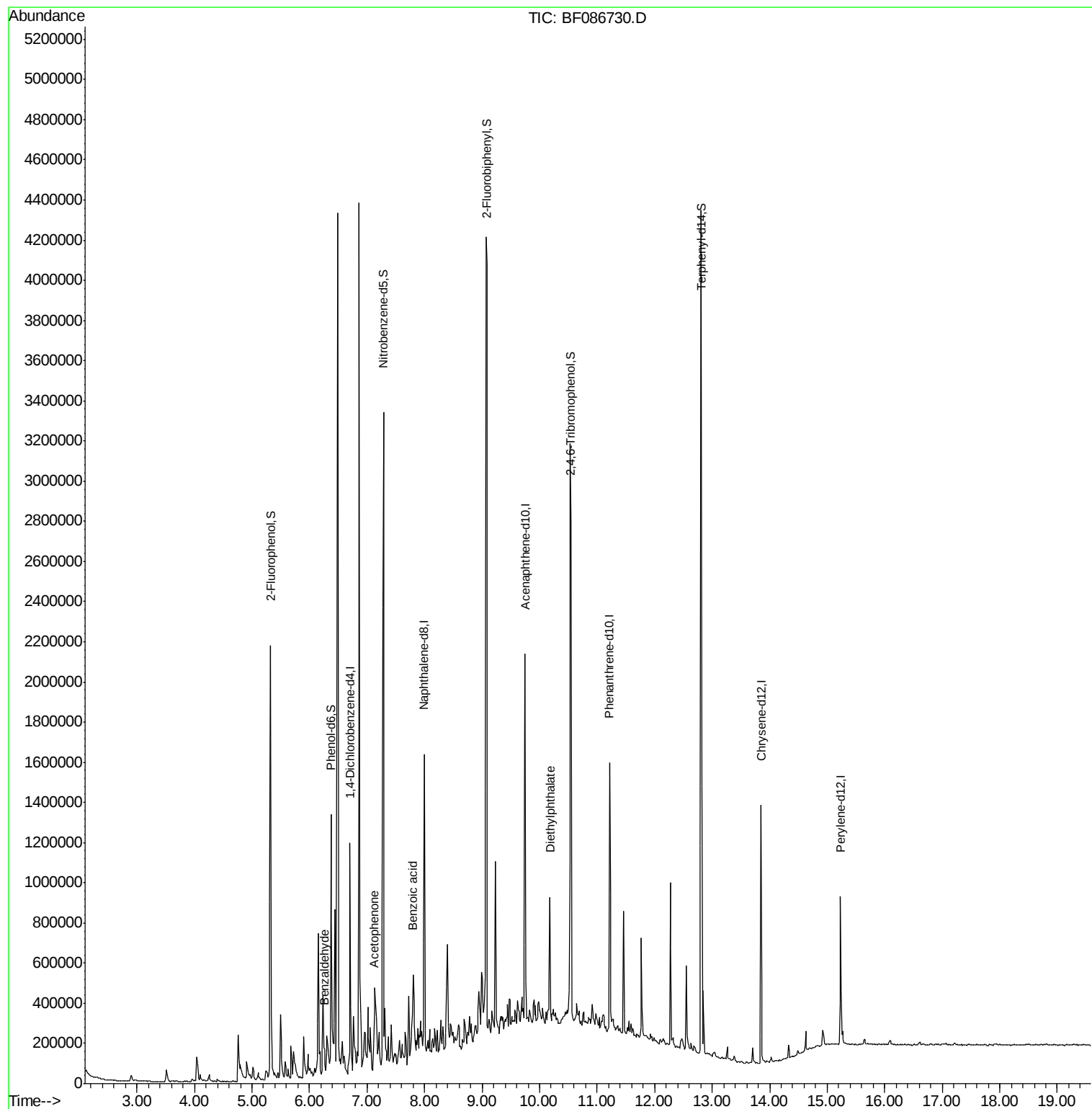
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157817	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	675447	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	312195	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	537233	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	434272	40.00	ng	-0.01
86) Perylene-d12	15.23	264	314328	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	625220	65.59	ng	0.00
7) Phenol-d6	6.37	99	482081	37.54	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1300709	98.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	543693	178.03	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	2018816	106.00	ng	0.00
78) Terphenyl-d14	12.81	244	1422392	66.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	20401	3.18	ng	93
22) Acetophenone	7.13	105	44203	2.81	ng	# 80
32) Benzoic acid	7.80	122	33342	15.04	ng	# 82
59) Diethylphthalate	10.18	149	60242	2.73	ng	95

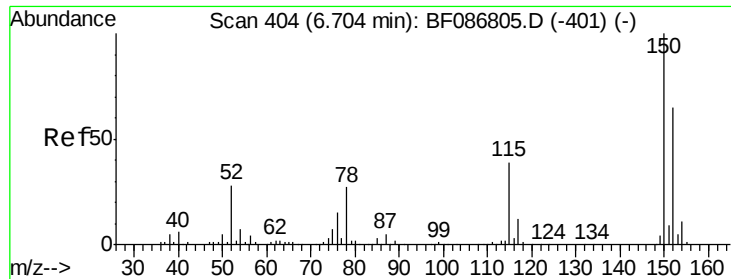
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086730.D
Acq On : 6 May 2016 18:09
Operator : UM/SJ
Sample : H2802-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: May 07 03:38:23 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: BF086730.D

Acq: 6 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

MW-1

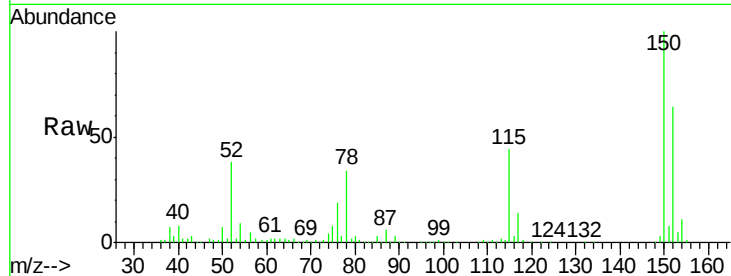
Tgt Ion:152 Resp: 157817

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

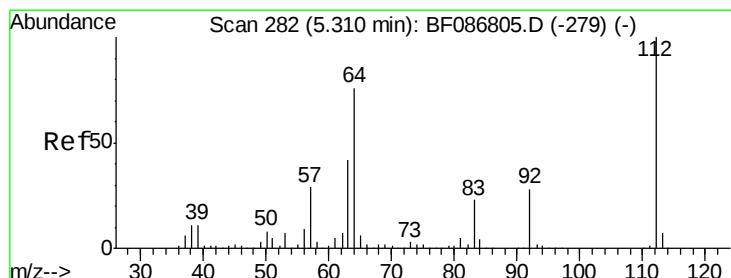
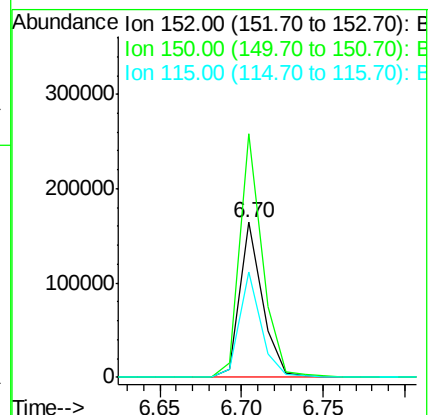
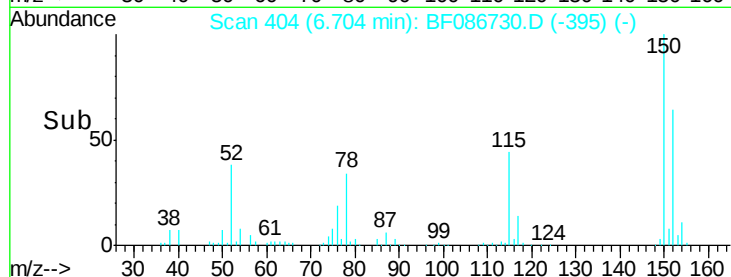
115 68.3 51.5 77.3



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: 65.59 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

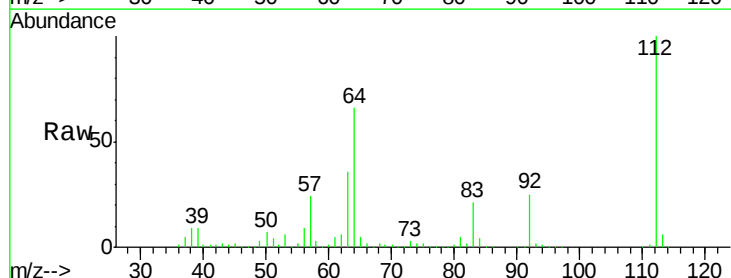
Tgt Ion:112 Resp: 625220

Ion Ratio Lower Upper

112 100

64 66.4 52.1 78.1

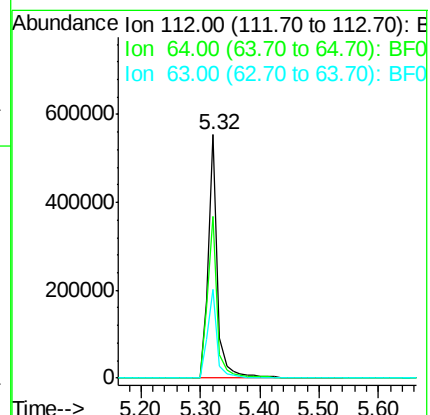
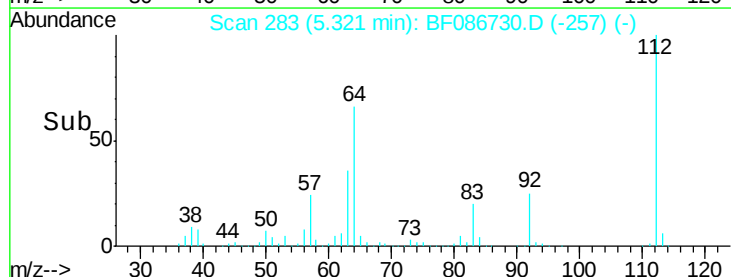
63 36.2 25.7 38.5

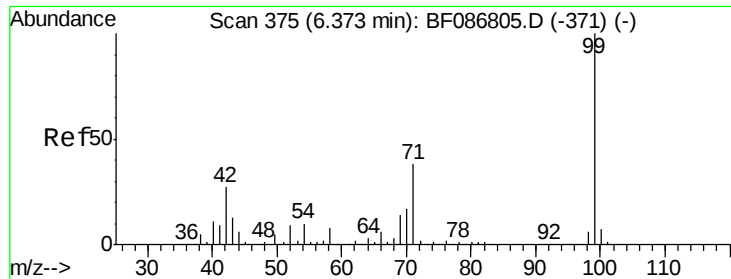


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.54 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

MW-1

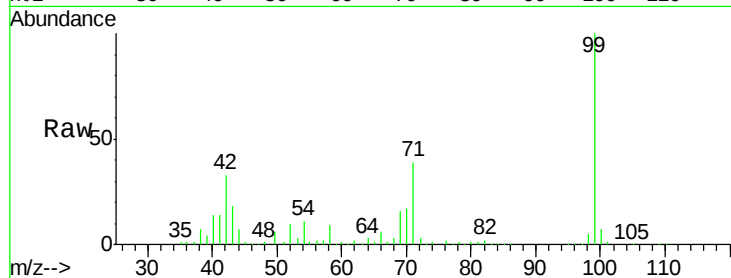
Tgt Ion: 99 Resp: 482081

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

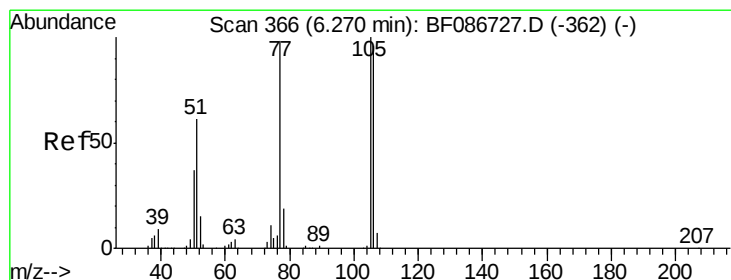
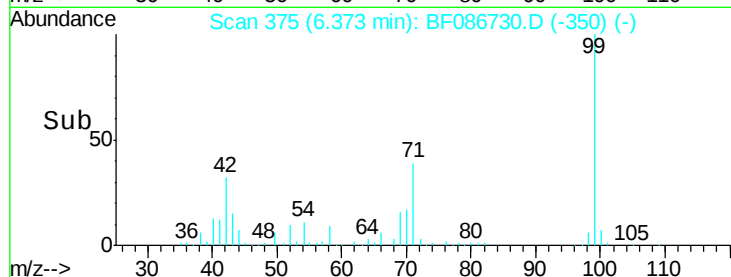
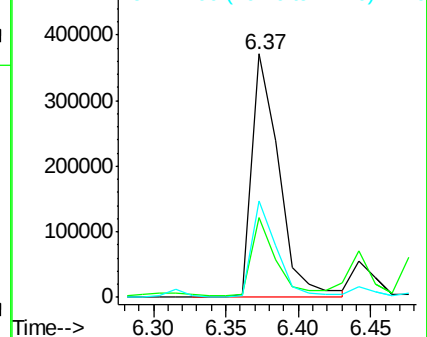
71 39.5 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.18 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

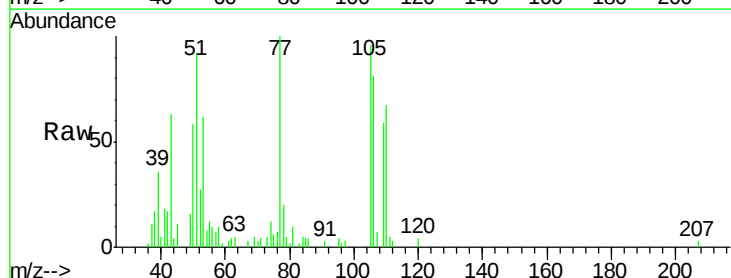
Tgt Ion: 77 Resp: 20401

Ion Ratio Lower Upper

77 100

105 95.6 72.7 112.7

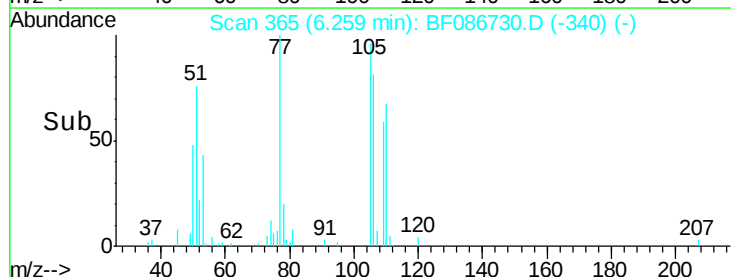
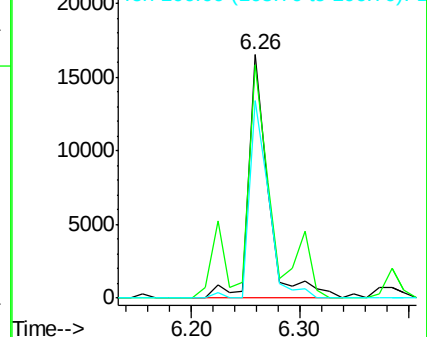
106 81.0 70.8 110.8

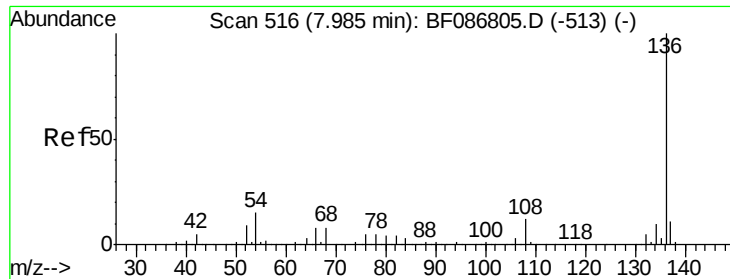


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

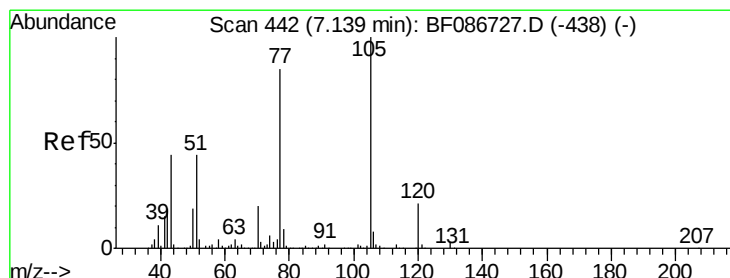
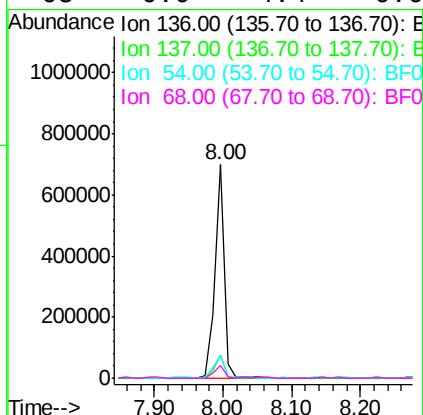
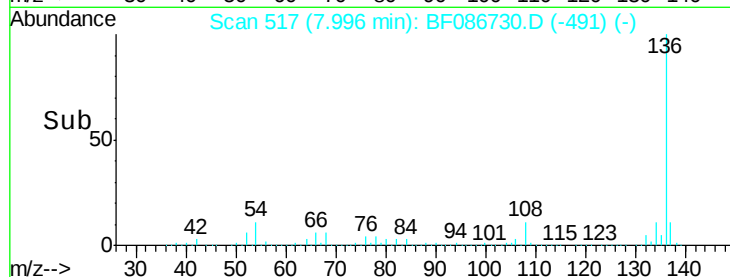
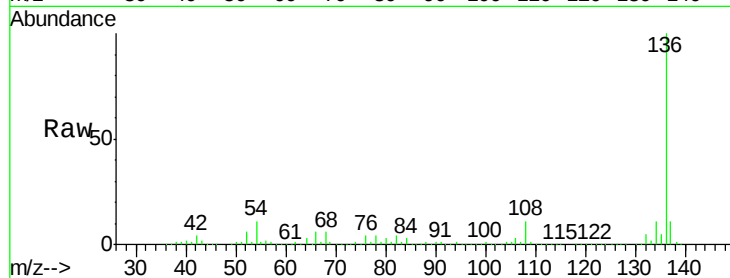




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086730.D
Acq: 6 May 2016 18:09

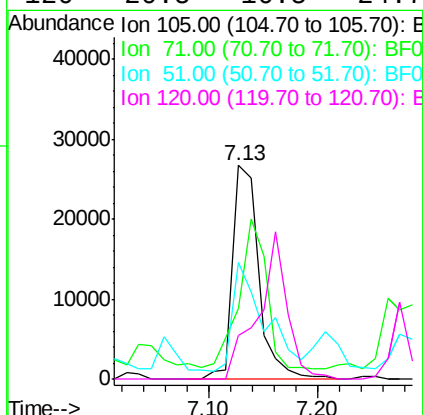
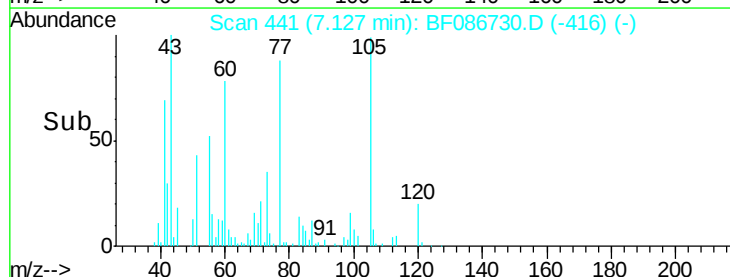
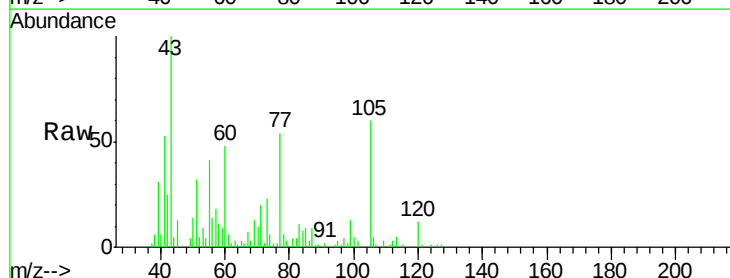
Instrument :
BNA_F
ClientSampleId :
MW-1

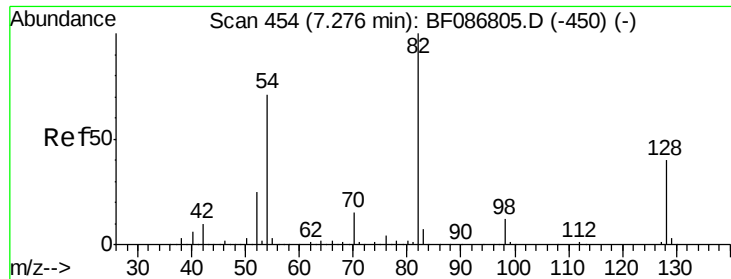
Tgt Ion:	136	Resp:	675447
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	5.0	7.4#
68	6.0	4.4	6.6



#22
Acetophenone
Concen: 2.81 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086730.D
Acq: 6 May 2016 18:09

Tgt Ion:	105	Resp:	44203
Ion	Ratio	Lower	Upper
105	100		
71	32.9	4.8	7.2#
51	54.3	32.6	49.0#
120	20.5	16.5	24.7

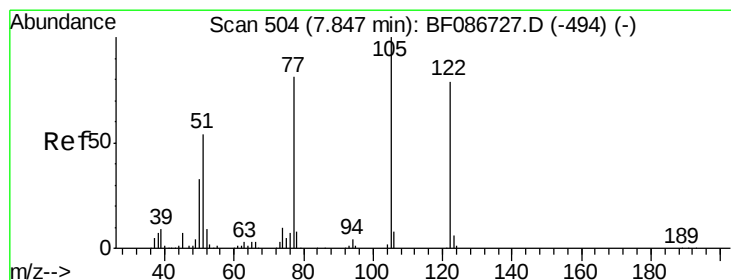
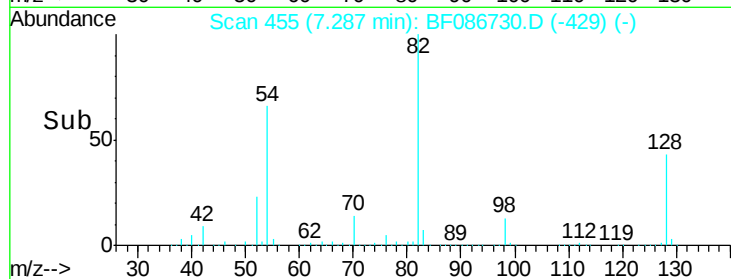
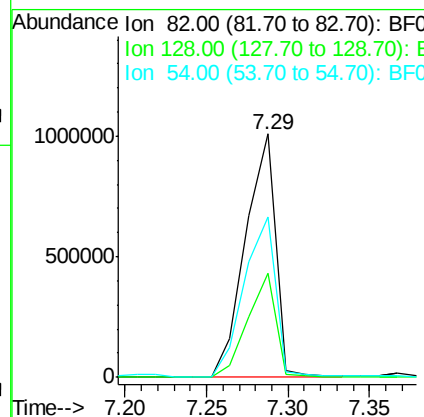
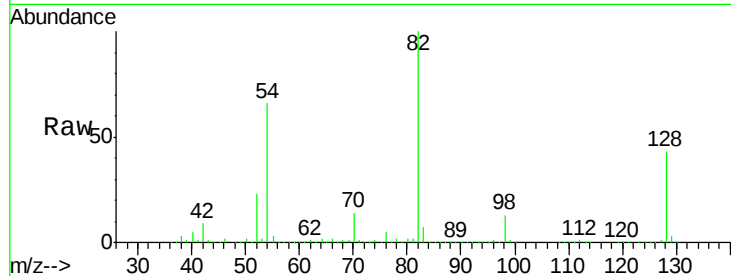




#23
 Nitrobenzene-d5
 Concen: 98.96 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086730.D
 Acq: 6 May 2016 18:09

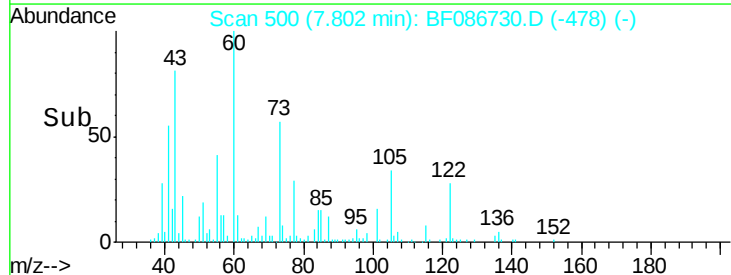
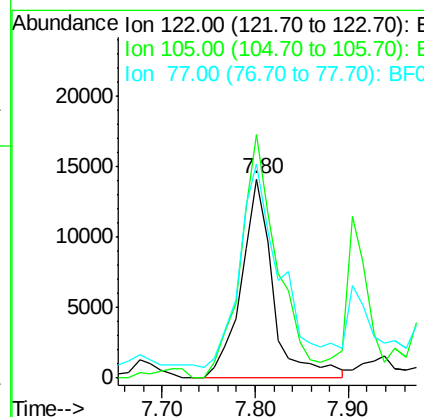
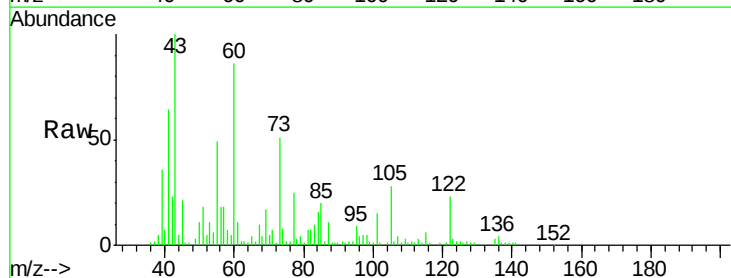
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

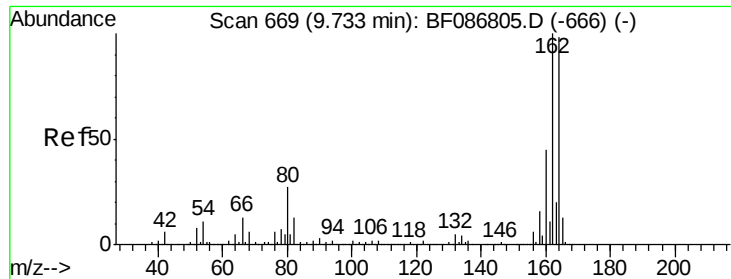
Tgt Ion: 82 Resp: 1300709
 Ion Ratio Lower Upper
 82 100
 128 42.8 40.6 61.0
 54 65.9 38.1 57.1#



#32
 Benzoic acid
 Concen: 15.04 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF086730.D
 Acq: 6 May 2016 18:09

Tgt Ion: 122 Resp: 33342
 Ion Ratio Lower Upper
 122 100
 105 122.3 92.6 132.6
 77 107.8 60.0 100.0#

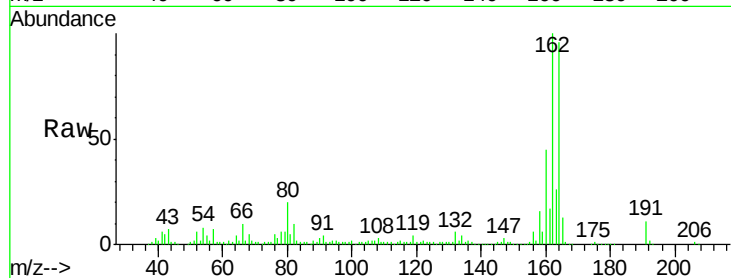




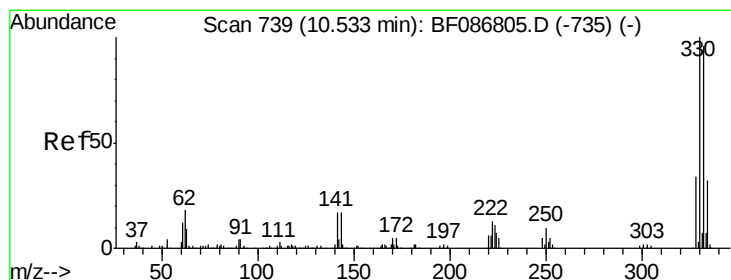
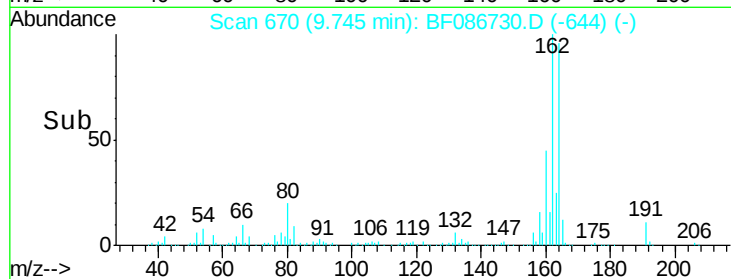
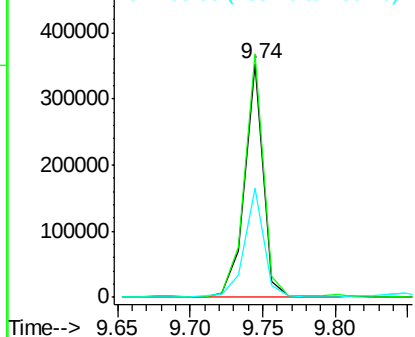
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086730.D
Acq: 6 May 2016 18:09

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 312195
Ion Ratio Lower Upper
164 100
162 104.2 82.8 124.2
160 46.7 36.9 55.3

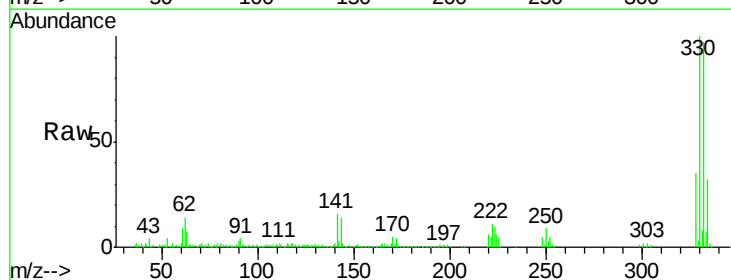


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

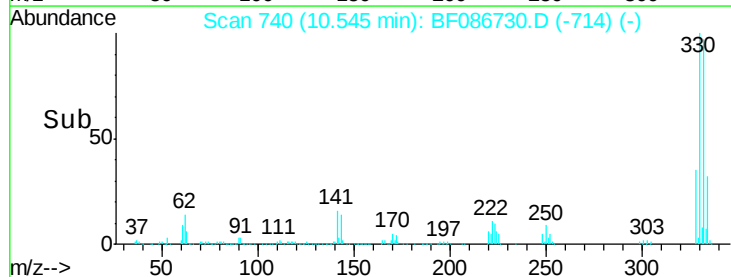
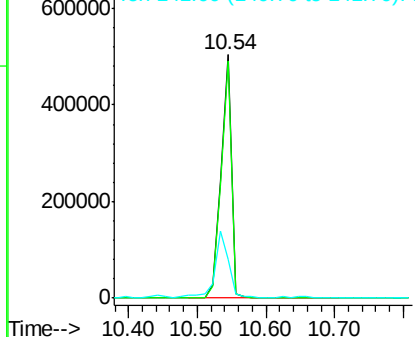


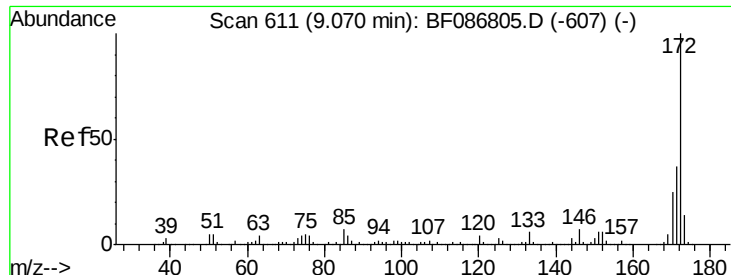
#41
2,4,6-Tribromophenol
Concen: 178.03 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086730.D
Acq: 6 May 2016 18:09

Tgt Ion:330 Resp: 543693
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 34.5 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

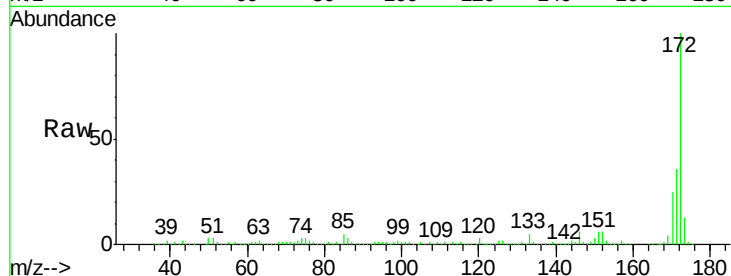




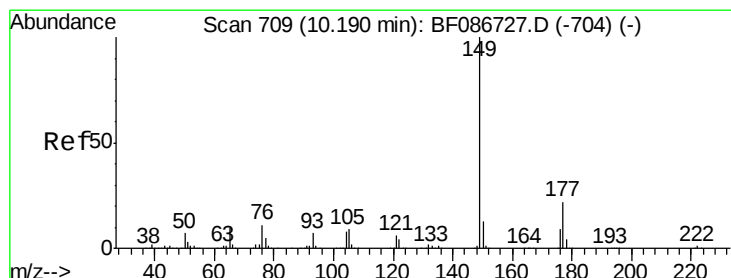
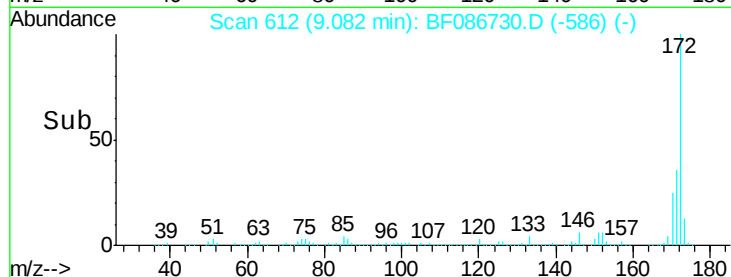
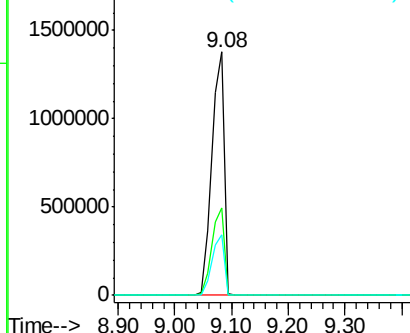
#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086730.D
 Acq: 6 May 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:172 Resp: 2018816
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.6 19.8 29.8

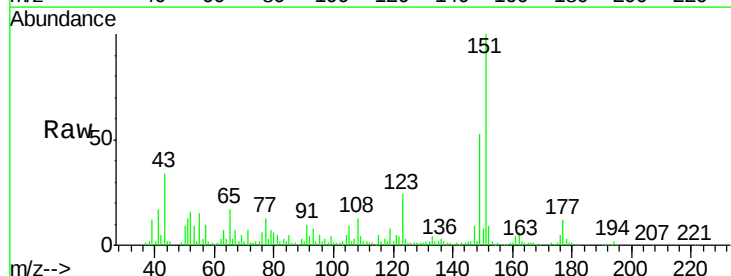


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

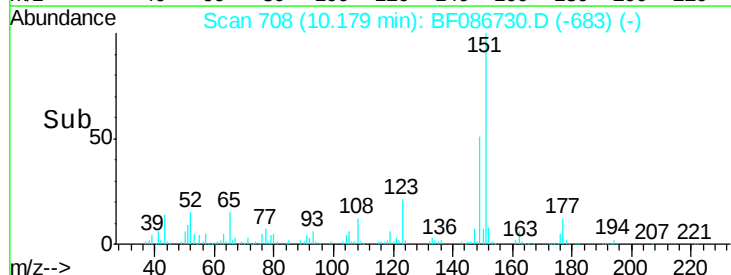
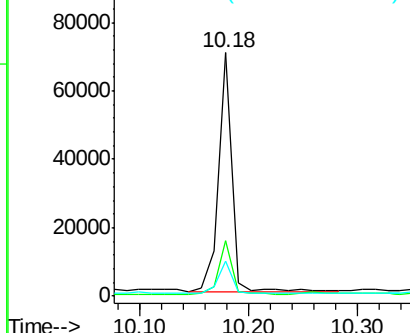


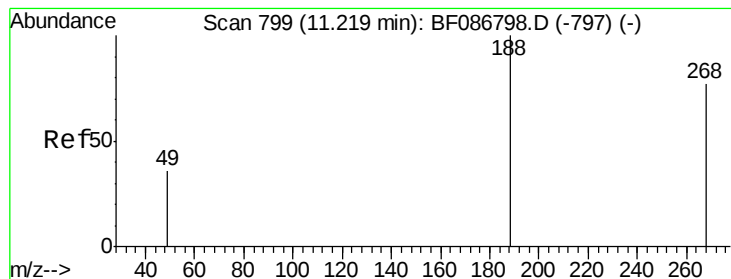
#59
 Diethylphthalate
 Concen: 2.73 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF086730.D
 Acq: 6 May 2016 18:09

Tgt Ion:149 Resp: 60242
 Ion Ratio Lower Upper
 149 100
 177 22.8 16.6 24.8
 150 14.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

MW-1

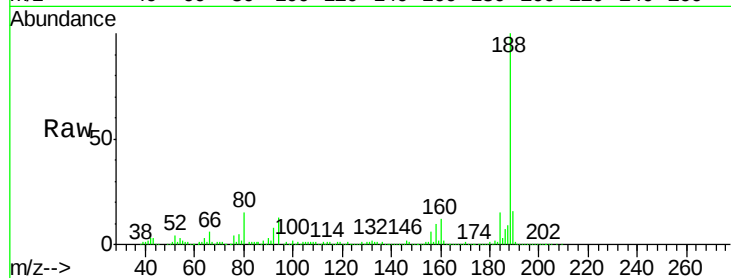
Tgt Ion:188 Resp: 537233

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

80 15.0 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

11.22

600000

500000

400000

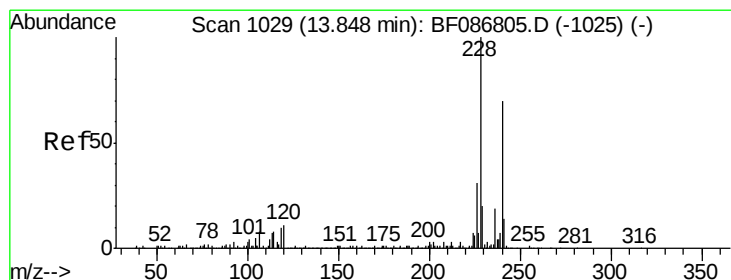
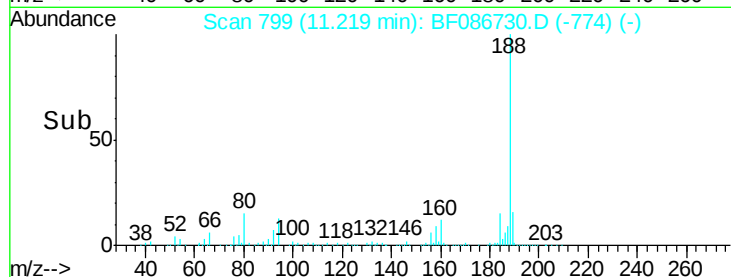
300000

200000

100000

0

Time--> 11.15 11.20 11.25



#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

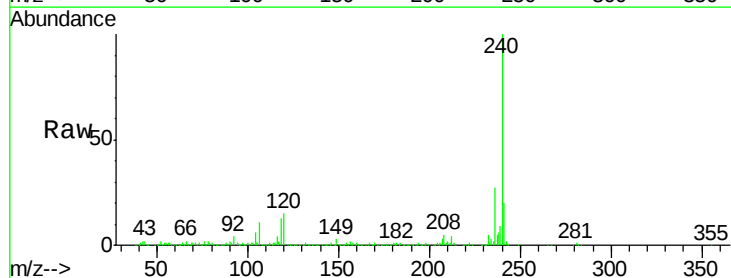
Tgt Ion:240 Resp: 434272

Ion Ratio Lower Upper

240 100

120 14.8 11.2 16.8

236 26.7 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

13.85

500000

400000

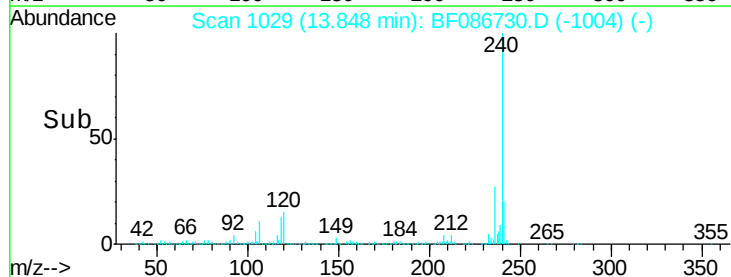
300000

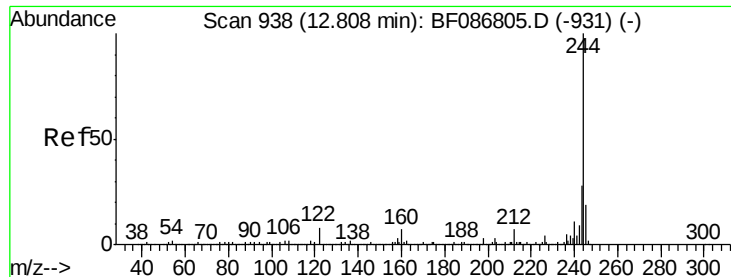
200000

100000

0

Time--> 13.80 14.00





#78

Terphenyl-d14

Concen: 66.19 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086730.D

Acq: 6 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

MW-1

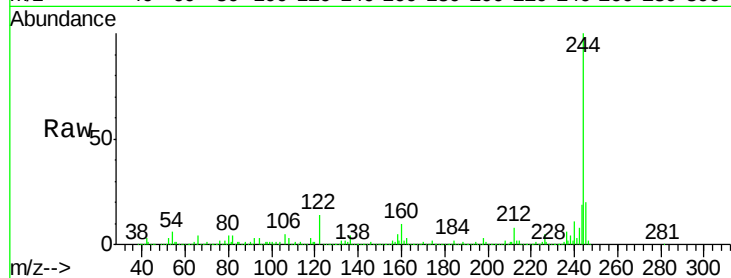
Tgt Ion:244 Resp: 1422392

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

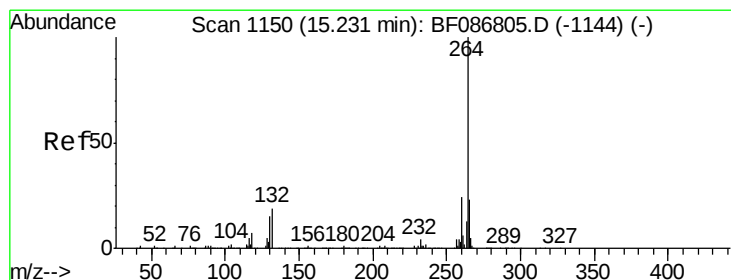
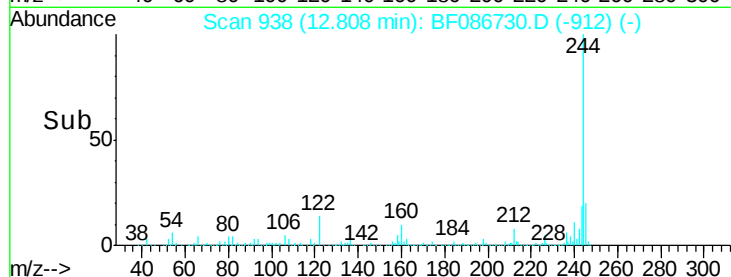
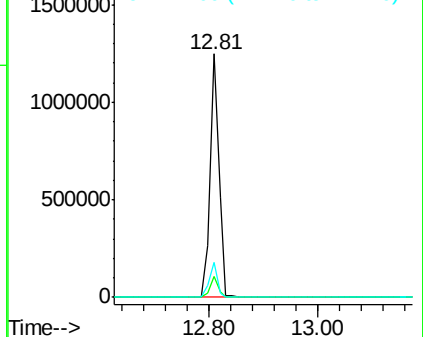
122 14.4 12.0 18.0



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: BF086730.D

Acq: 6 May 2016 18:09

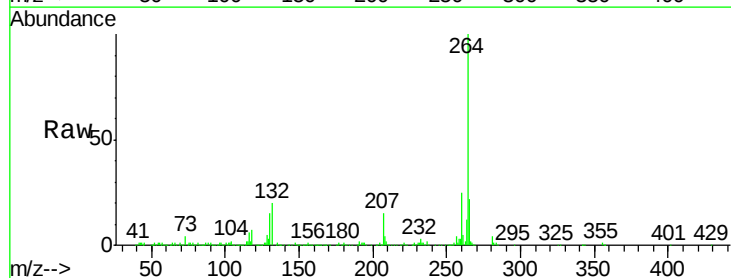
Tgt Ion:264 Resp: 314328

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 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

