

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086735.D
 Acq On : 6 May 2016 20:33
 Operator : UM/SJ
 Sample : H2802-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: May 07 03:57:29 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

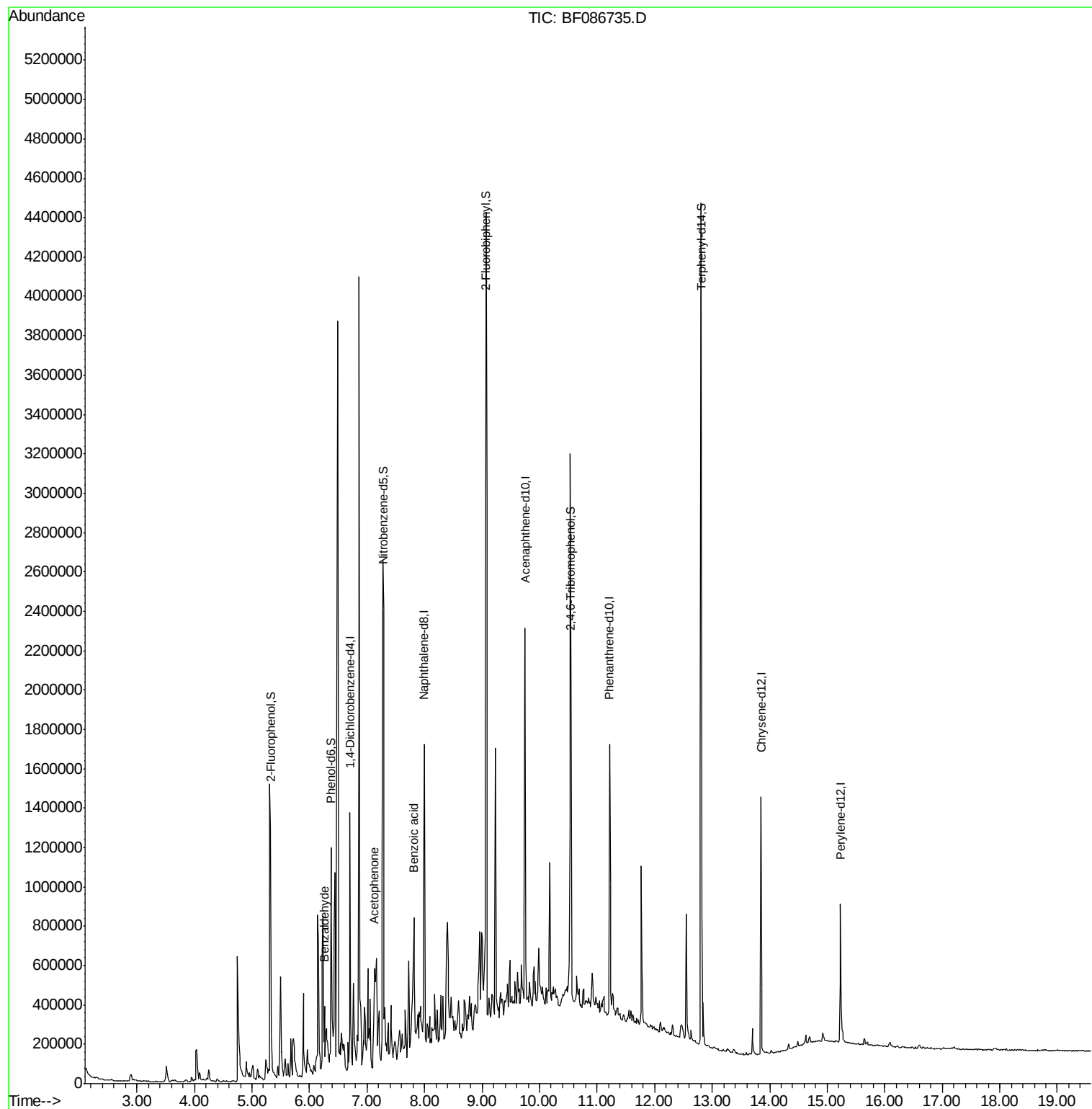
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172485	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	729864	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	327789	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	542996	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	435573	40.00	ng	-0.01
86) Perylene-d12	15.23	264	318259	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	567641	54.48	ng	0.00
7) Phenol-d6	6.37	99	452134	32.22	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1164547	81.99	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	445001	138.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1781368	89.08	ng	-0.01
78) Terphenyl-d14	12.81	244	1344825	62.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	58835	8.40	ng	96
22) Acetophenone	7.13	105	70980	4.17	ng	# 92
32) Benzoic acid	7.81	122	56909	18.87	ng	# 73

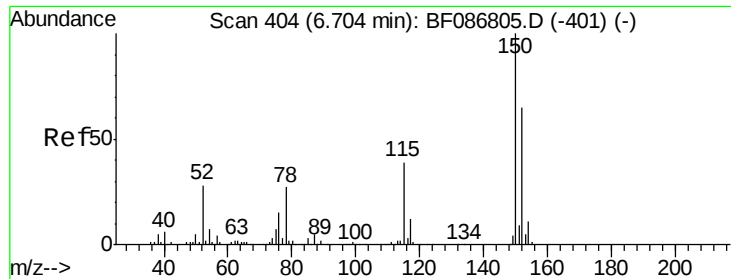
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086735.D
Acq On : 6 May 2016 20:33
Operator : UM/SJ
Sample : H2802-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: May 07 03:57:29 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



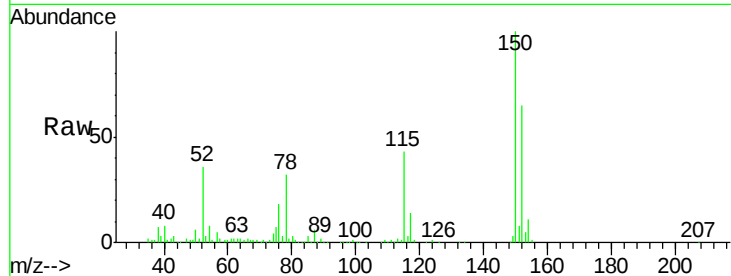


#1

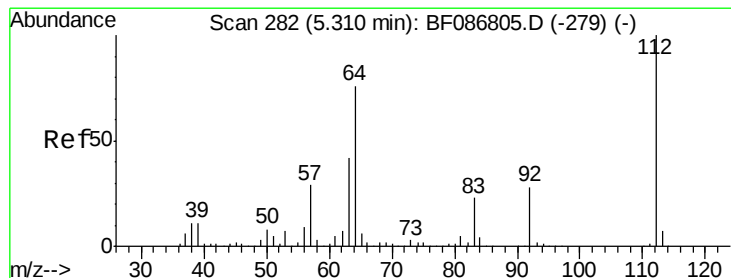
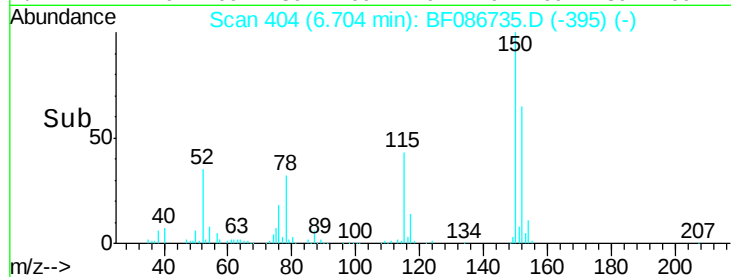
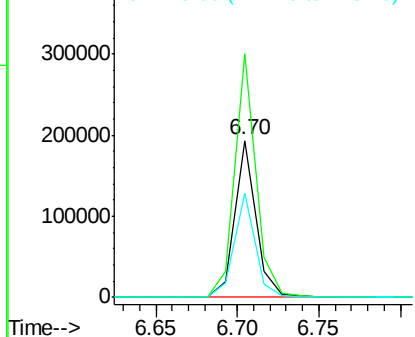
1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 172485
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.8 188.6
 115 66.0 51.5 77.3



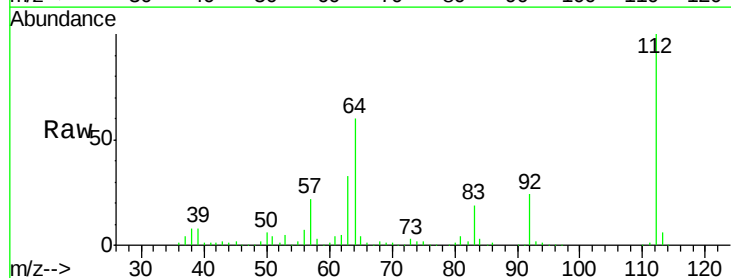
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



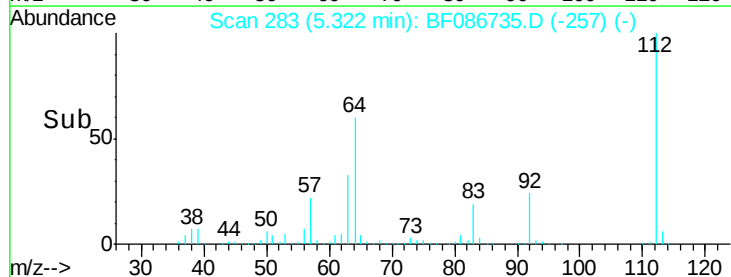
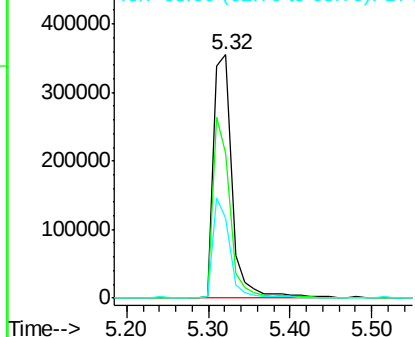
#5

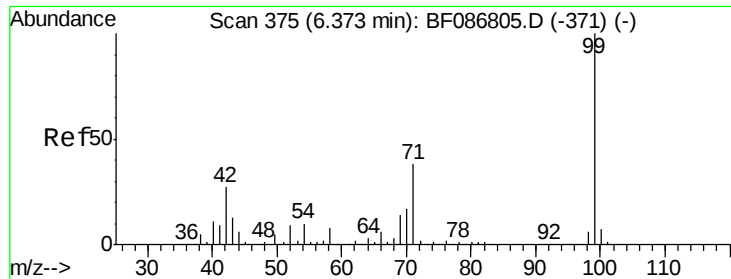
2-Fluorophenol
 Concen: 54.48 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

Tgt Ion:112 Resp: 567641
 Ion Ratio Lower Upper
 112 100
 64 59.8 52.1 78.1
 63 32.9 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: 32.22 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

MW-4

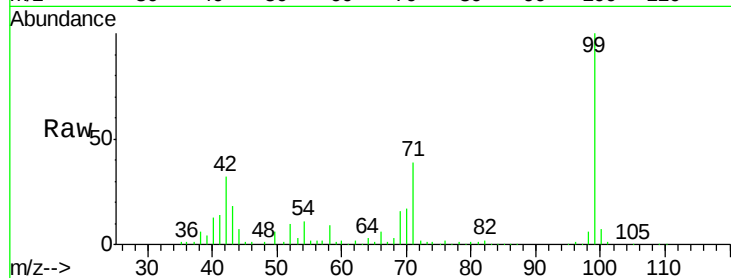
Tgt Ion: 99 Resp: 452134

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

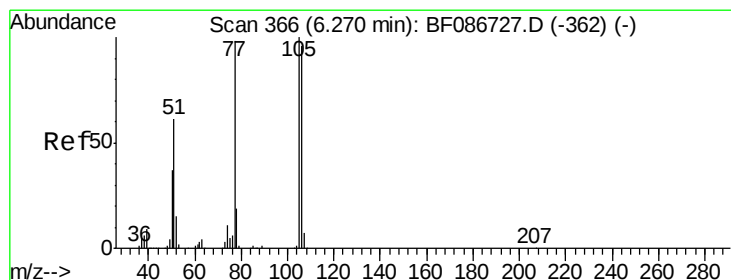
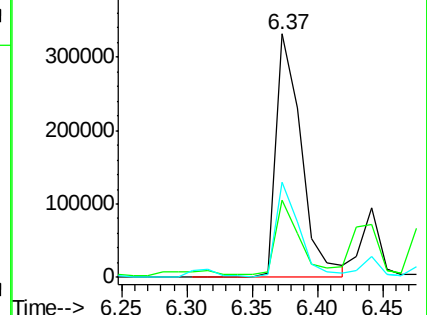
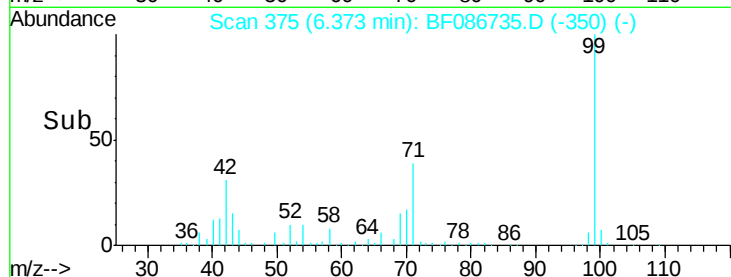
71 38.9 24.6 36.8#



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: 8.40 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

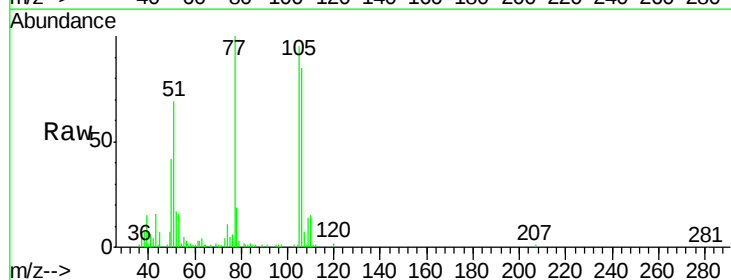
Tgt Ion: 77 Resp: 58835

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

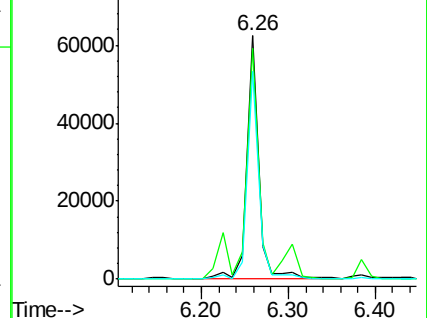
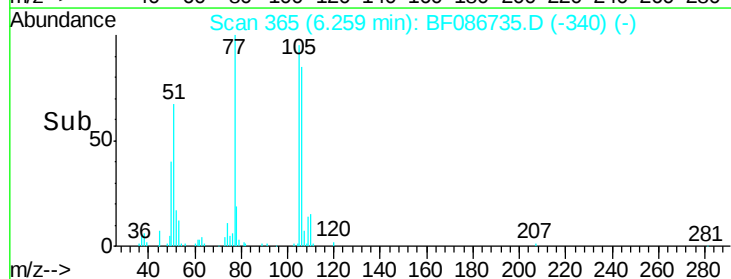
106 85.4 70.8 110.8

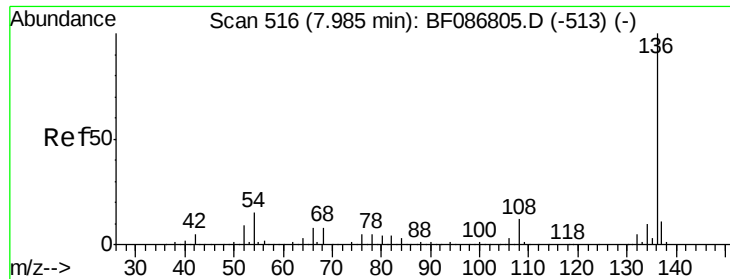


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion:136 Resp: 729864

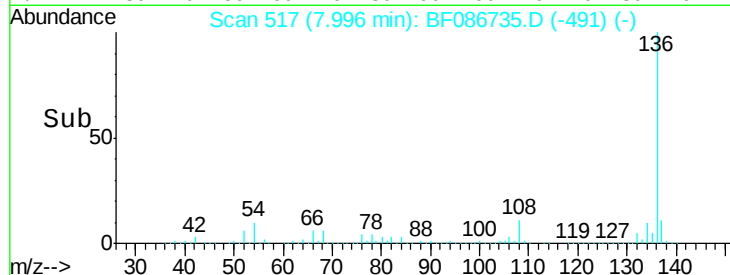
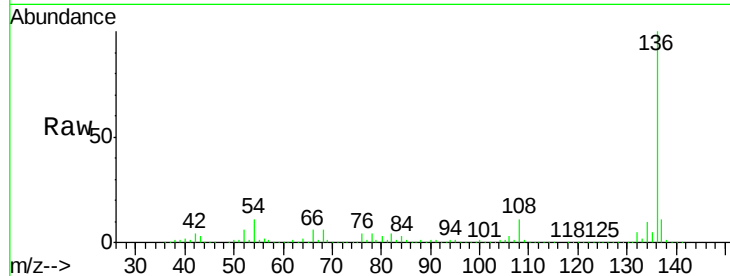
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.5 5.0 7.4#

68 5.9 4.4 6.6

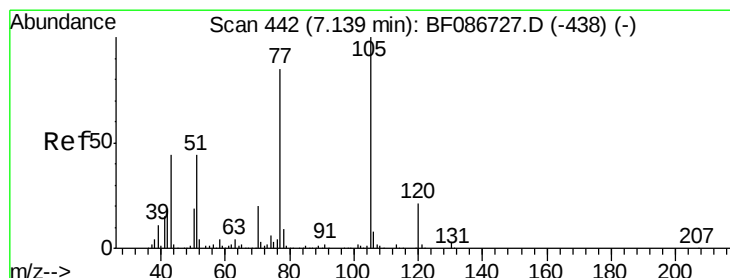
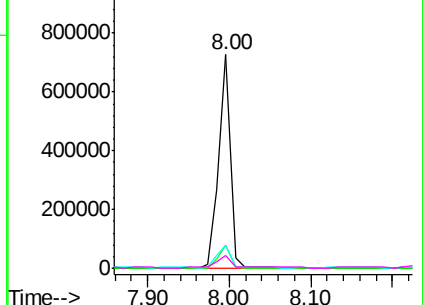


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 4.17 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

Tgt Ion:105 Resp: 70980

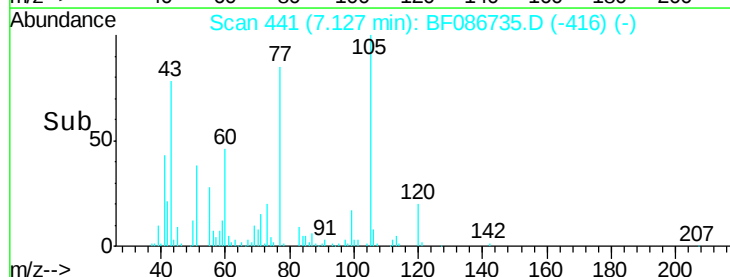
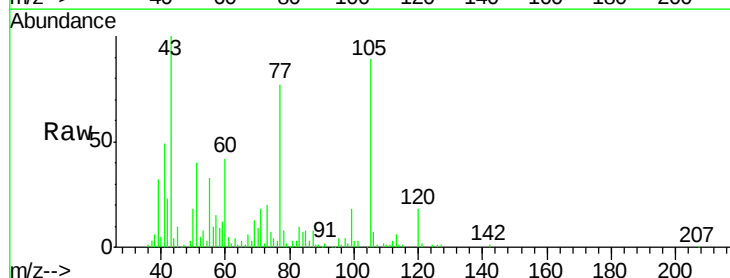
Ion Ratio Lower Upper

105 100

71 19.8 4.8 7.2#

51 45.1 32.6 49.0

120 20.2 16.5 24.7

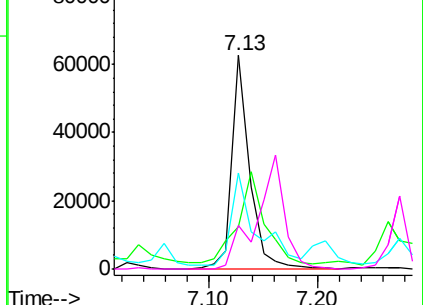


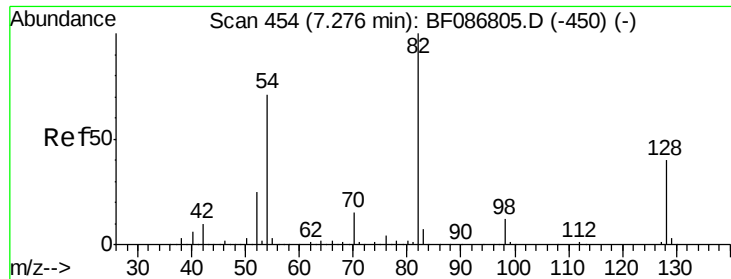
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

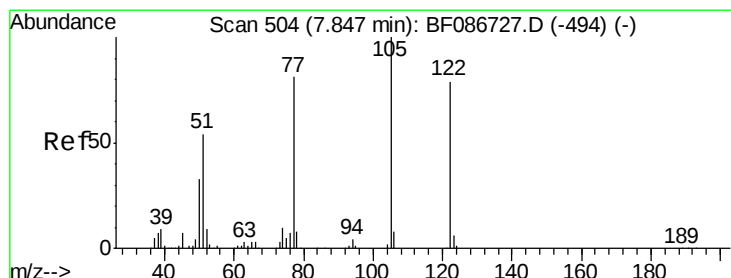
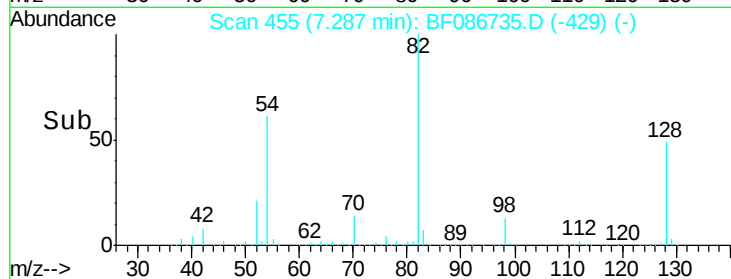
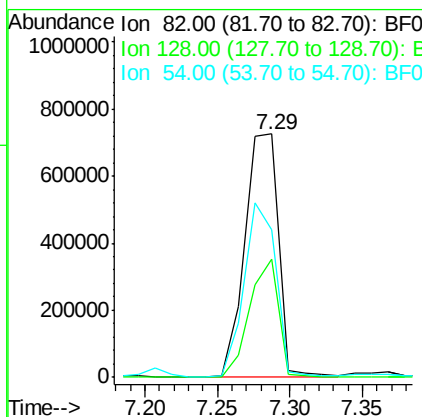
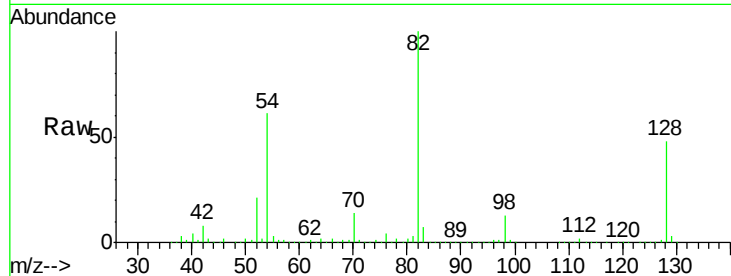




#23
 Nitrobenzene-d5
 Concen: 81.99 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

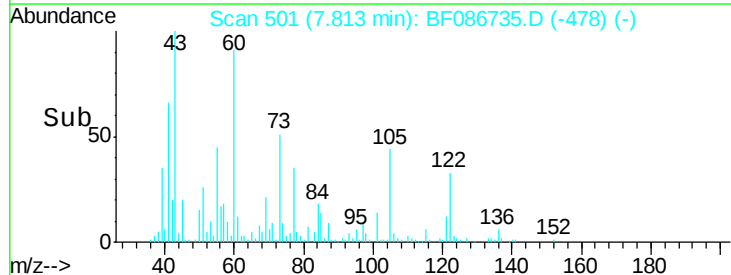
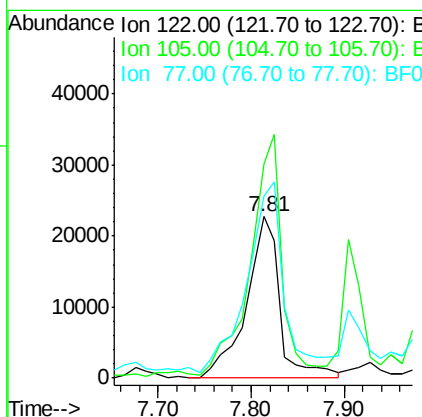
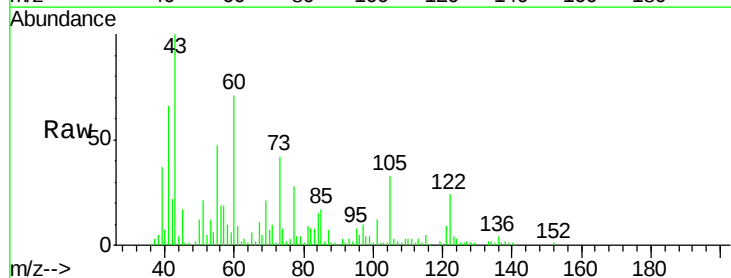
Instrument :
 BNA_F
 ClientSampleID :
 MW-4

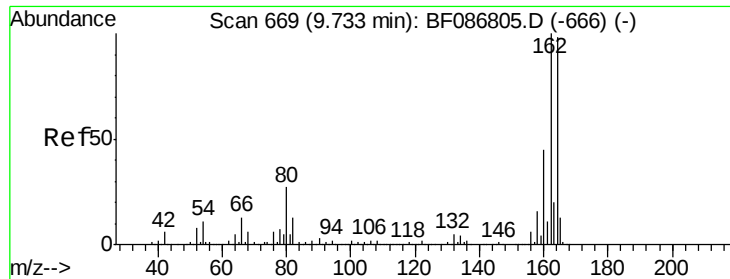
Tgt Ion: 82 Resp: 1164547
 Ion Ratio Lower Upper
 82 100
 128 48.4 40.6 61.0
 54 60.8 38.1 57.1#



#32
 Benzoic acid
 Concen: 18.87 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

Tgt Ion: 122 Resp: 56909
 Ion Ratio Lower Upper
 122 100
 105 132.9 92.6 132.6#
 77 112.8 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: BF086735.D

Acq: 6 May 2016 20:33

Instrument :

BNA_F

ClientSampled :

MW-4

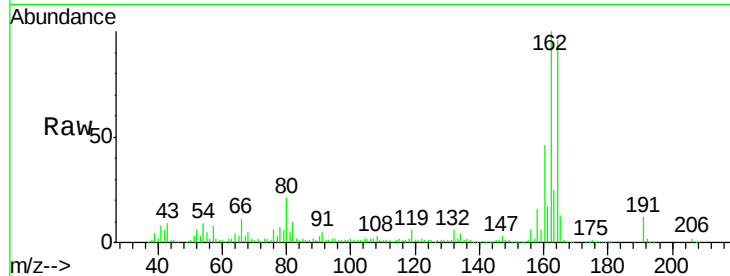
Tgt Ion:164 Resp: 327789

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

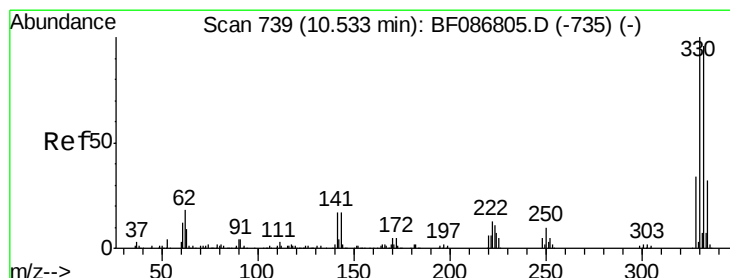
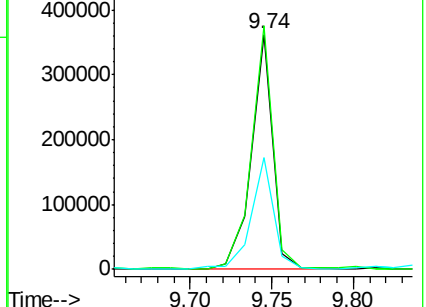
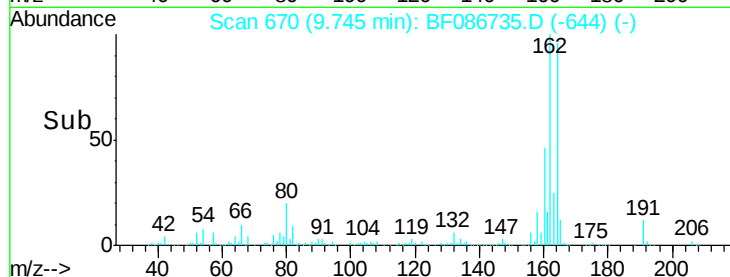
160 47.5 36.9 55.3



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: 138.78 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

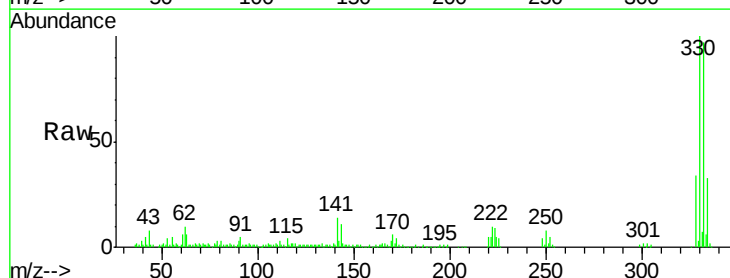
Tgt Ion:330 Resp: 445001

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

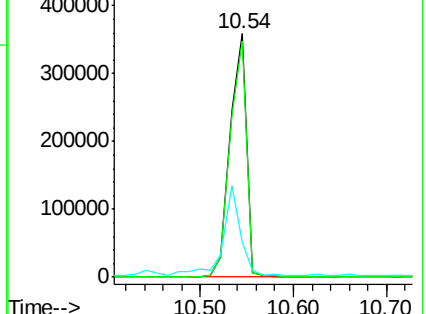
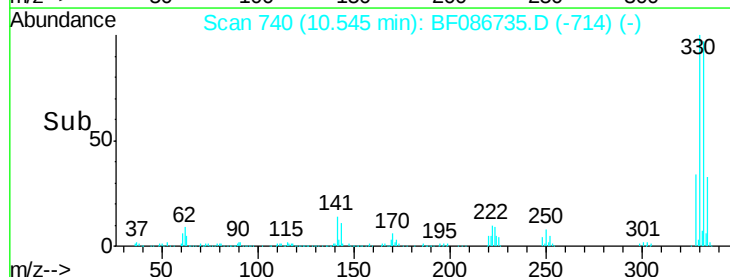
141 39.1 31.2 46.8

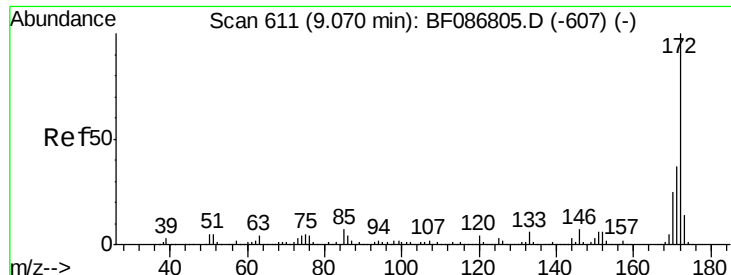


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

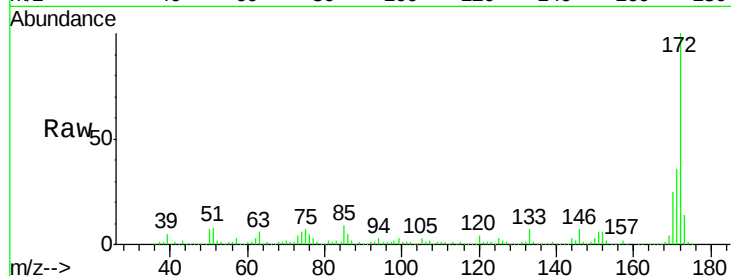




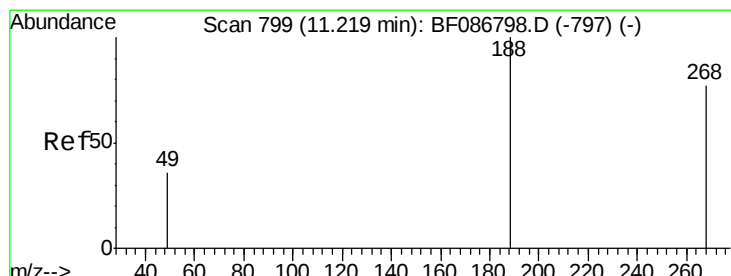
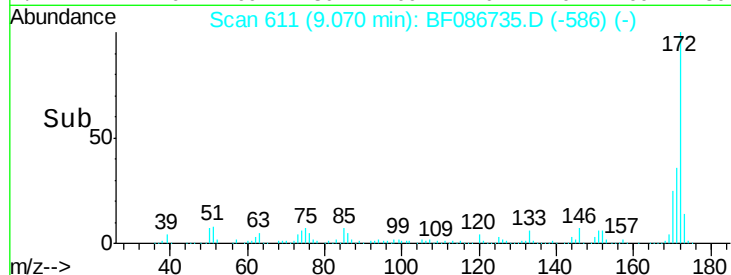
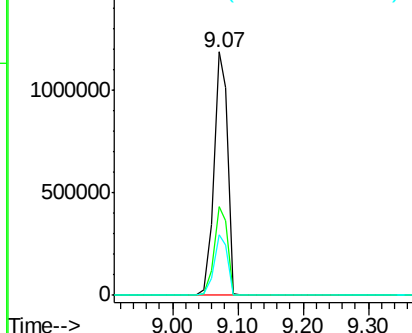
#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:172 Resp: 1781368
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.8 29.8

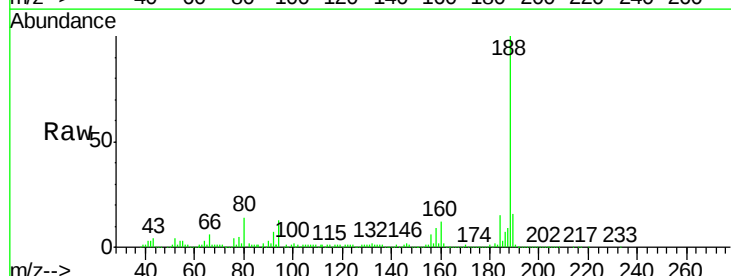


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

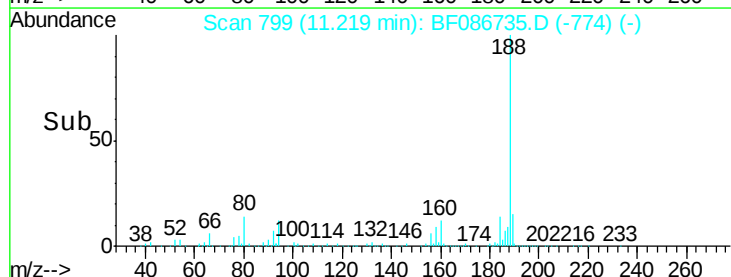
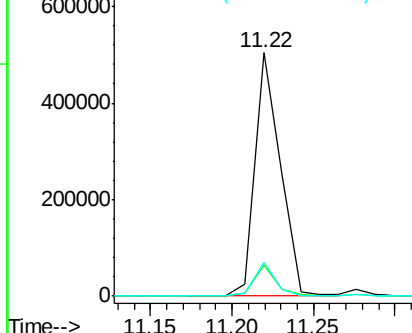


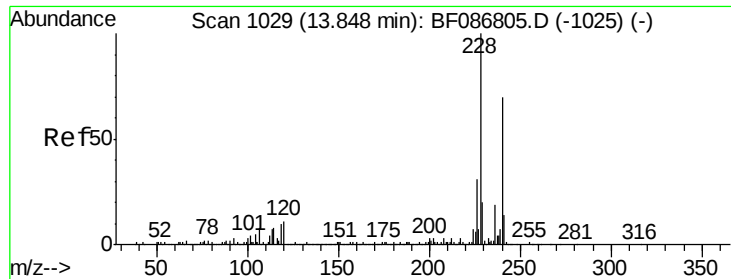
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086735.D
 Acq: 6 May 2016 20:33

Tgt Ion:188 Resp: 542996
 Ion Ratio Lower Upper
 188 100
 94 12.8 6.8 10.2#
 80 13.8 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: BF086735.D

Acq: 6 May 2016 20:33

Instrument :

BNA_F

ClientSampled :

MW-4

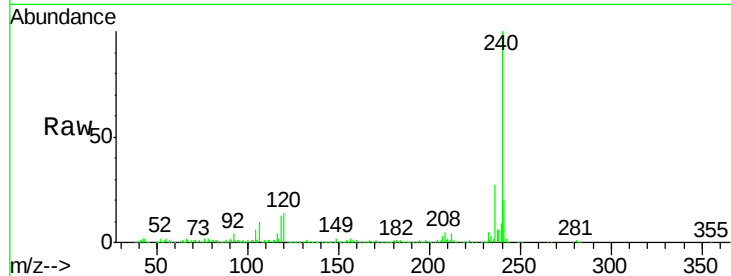
Tgt Ion:240 Resp: 435573

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

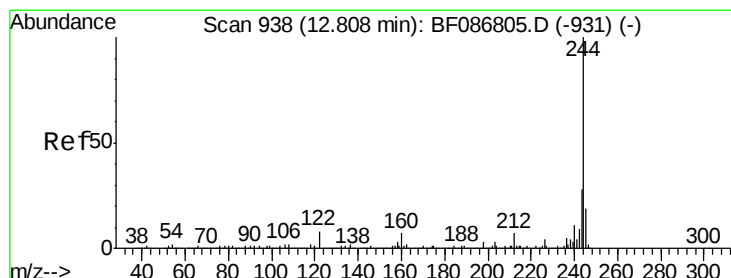
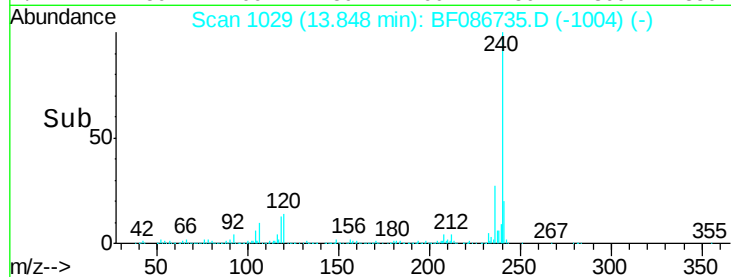
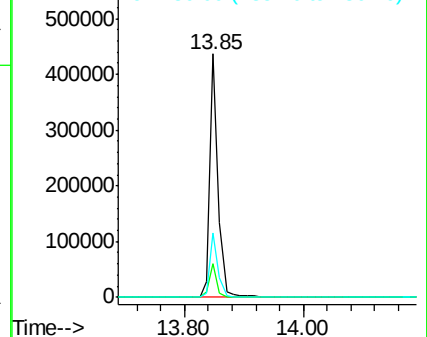
236 26.6 21.2 31.8



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: 62.40 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086735.D

Acq: 6 May 2016 20:33

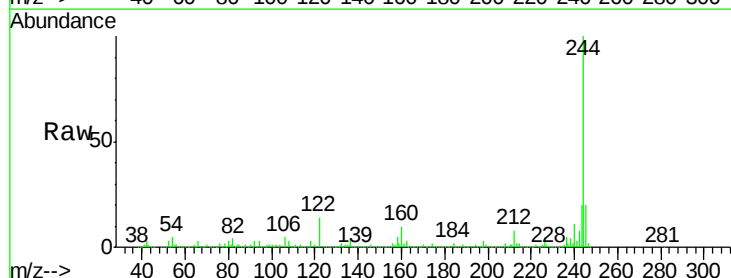
Tgt Ion:244 Resp: 1344825

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

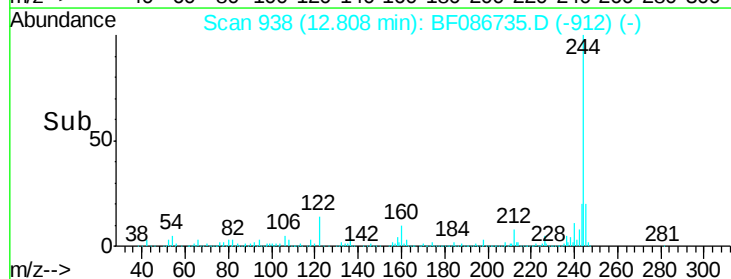
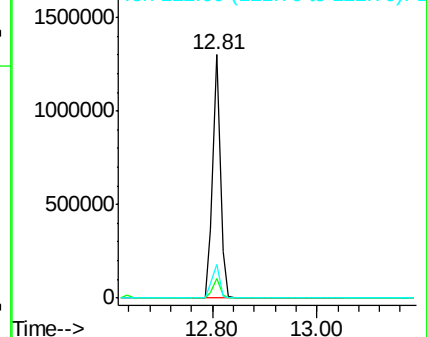
122 13.7 12.0 18.0

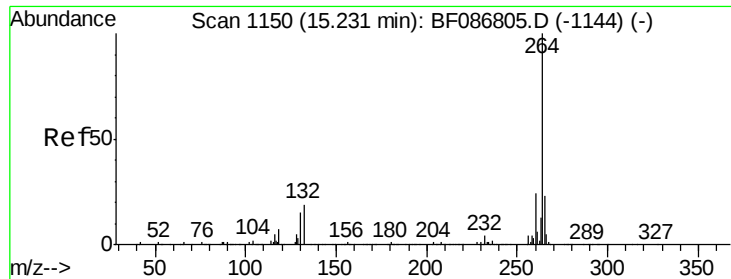


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

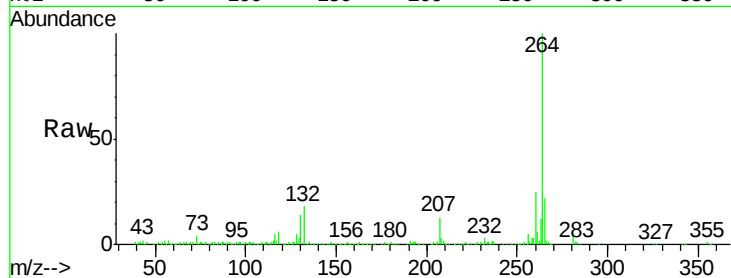




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086735.D
Acq: 6 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt 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

