

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093754.D
 Acq On : 18 Mar 2017 15:22
 Operator : SJ/MA
 Sample : I2213-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 20 01:58:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

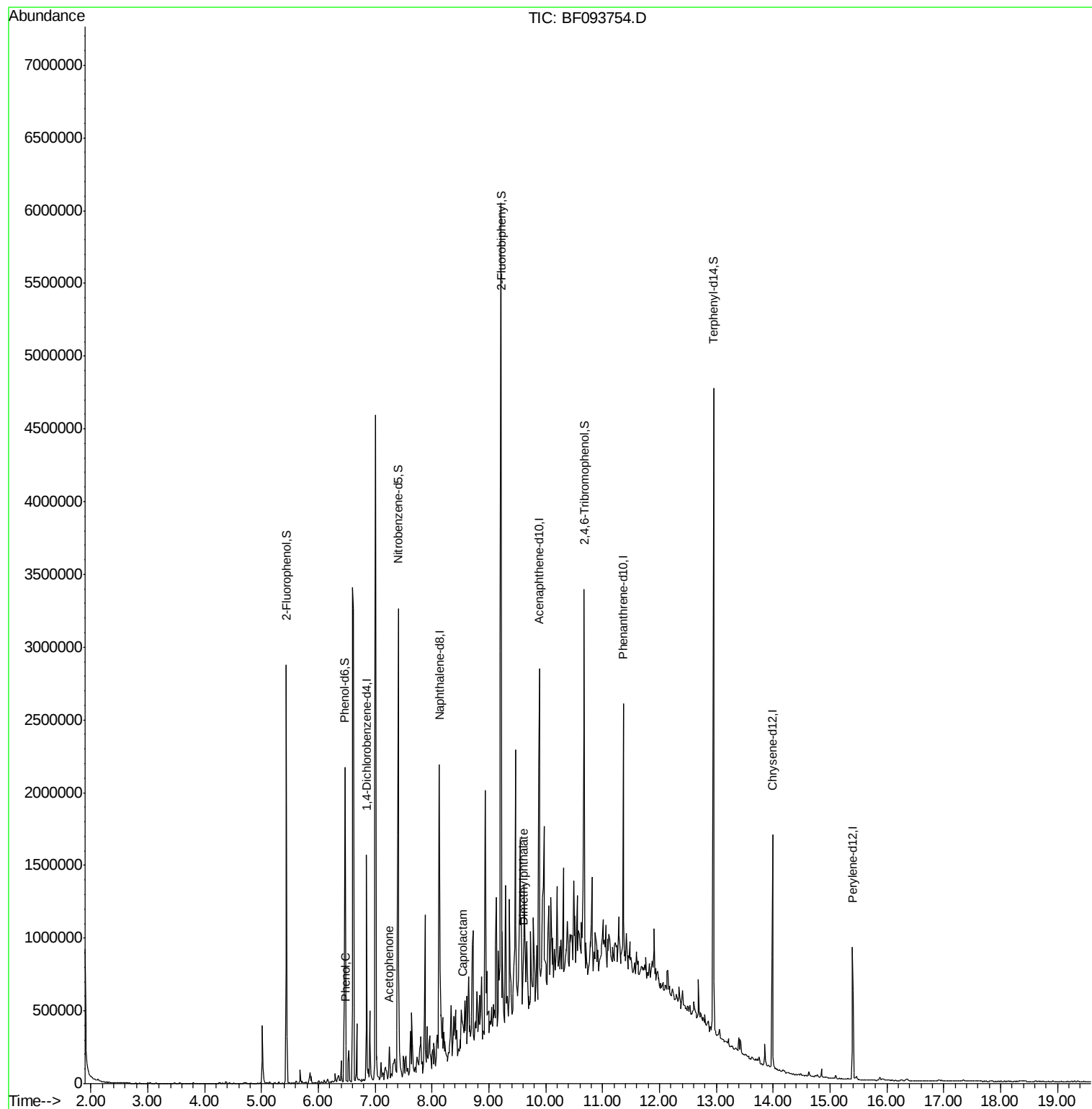
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	221753	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	830469	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	384896	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	648506	20.00	ng	0.00
75) Chrysene-d12	13.99	240	597397	20.00	ng	-0.01
86) Perylene-d12	15.40	264	421605	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	772704	58.09	ng	0.00
7) Phenol-d6	6.47	99	679772	41.23	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1205572	87.13	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	395349	156.95	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2051064	100.56	ng	0.00
78) Terphenyl-d14	12.95	244	1541063	55.52	ng	0.00
Target Compounds						
10) Phenol	6.48	94	50724	2.63	ng	Qvalue 88
22) Acetophenone	7.25	105	52218	2.82	ng	# 58
35) Caprolactam	8.54	113	33318	8.91	ng	# 59
49) Dimethylphthalate	9.60	163	57610	2.29	ng	# 95

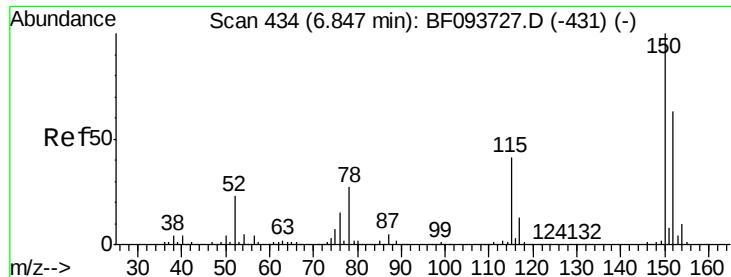
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Instrument :

BNA_F

ClientSampled :

MW-1

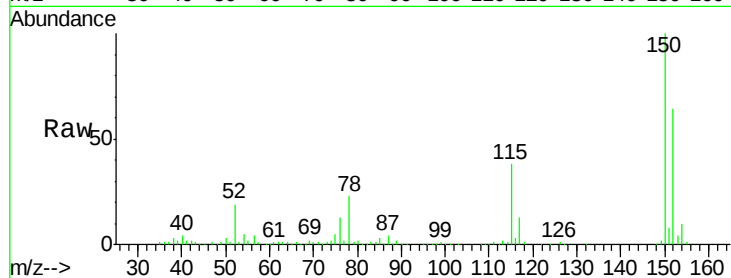
Tgt Ion:152 Resp: 221753

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

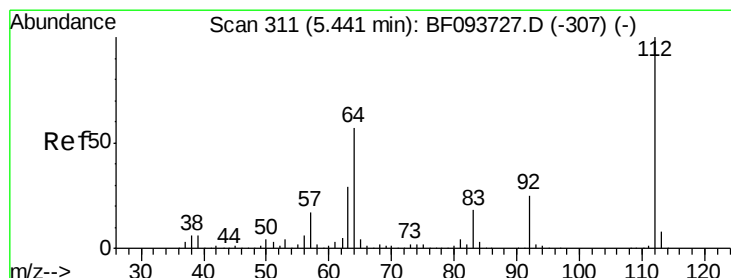
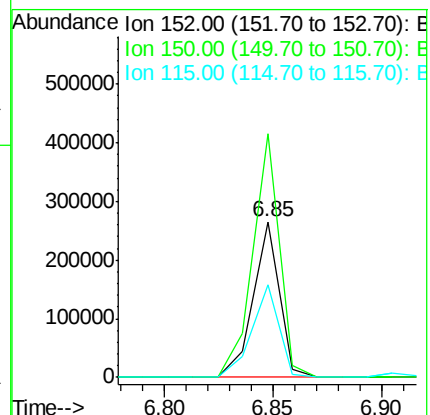
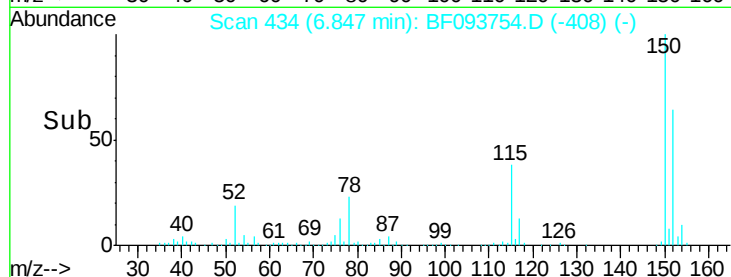
115 59.8 52.2 78.2



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: 58.09 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

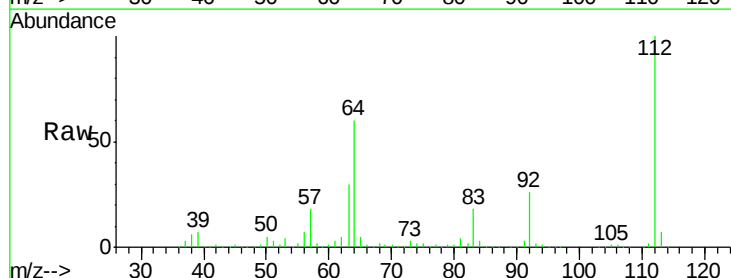
Tgt Ion:112 Resp: 772704

Ion Ratio Lower Upper

112 100

64 59.6 46.0 69.0

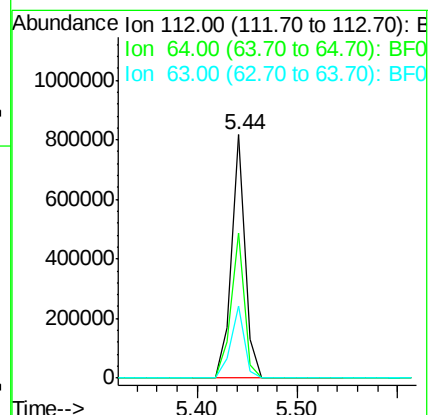
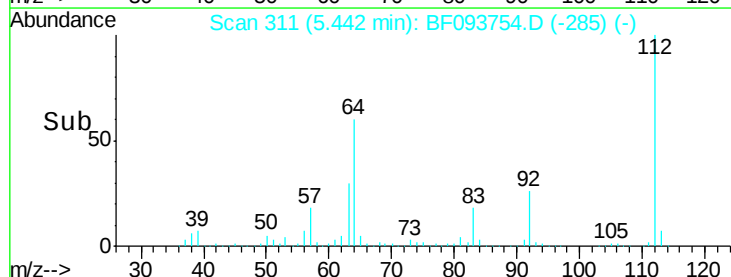
63 29.8 23.4 35.0

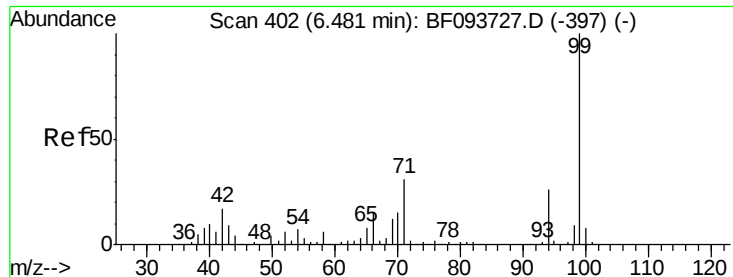


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.23 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Instrument :

BNA_F

ClientSampled :

MW-1

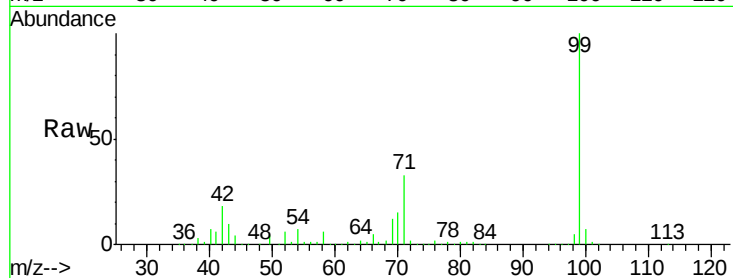
Tgt Ion: 99 Resp: 679772

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

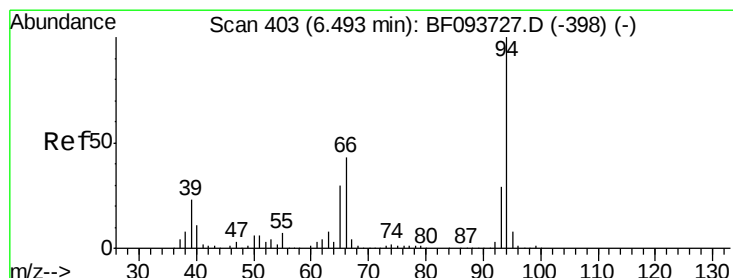
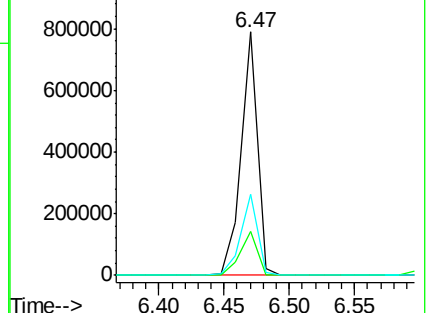
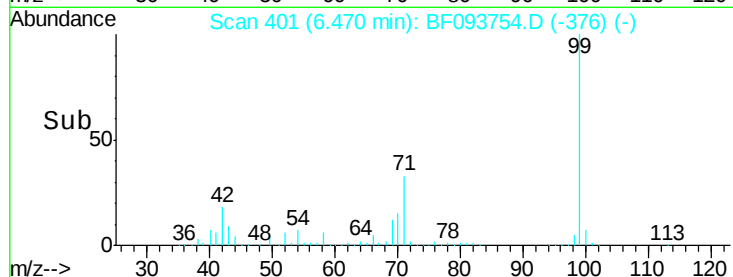
71 33.3 24.5 36.7



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



#10

Phenol

Concen: 2.63 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

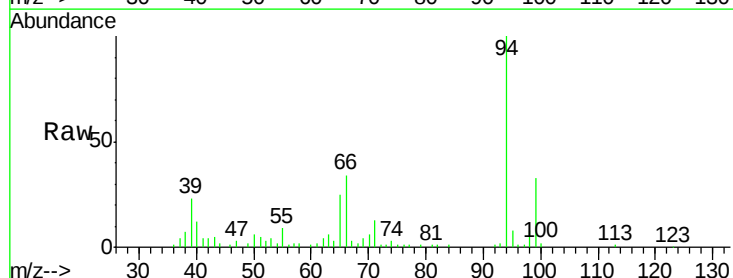
Tgt Ion: 94 Resp: 50724

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

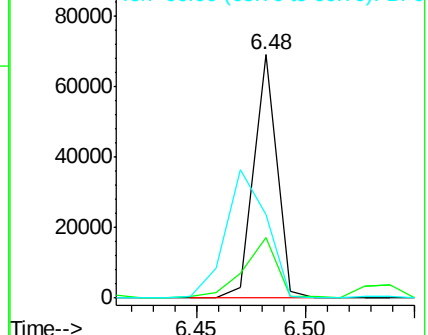
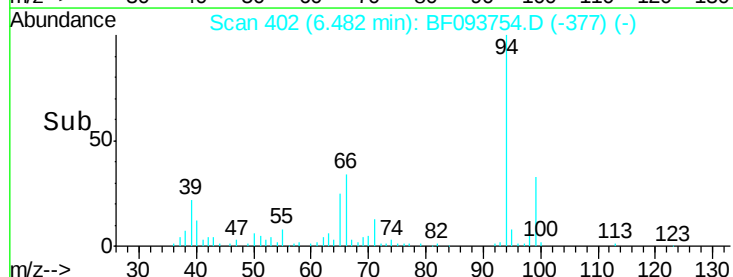
66 34.4 23.1 63.1

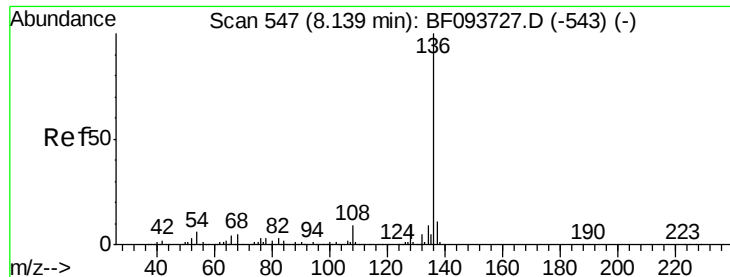


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion:136 Resp: 830469

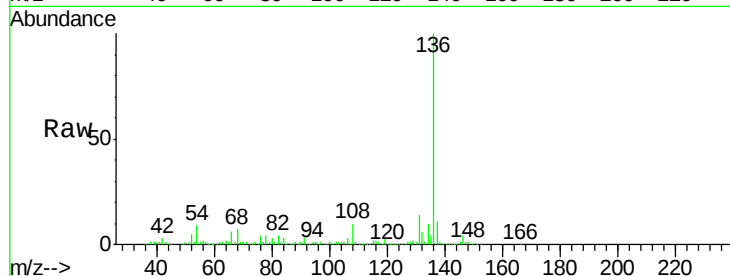
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.3 4.9 7.3#

68 7.3 4.1 6.1#

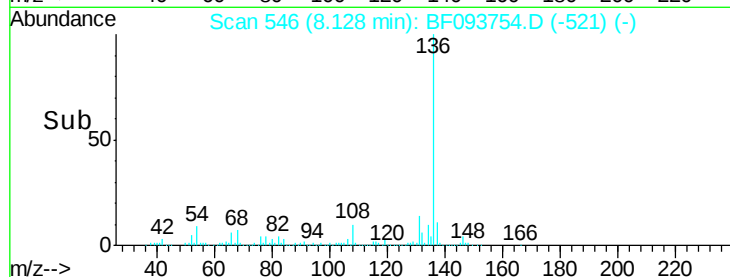


Abundance Ion 136.00 (135.70 to 136.70): E

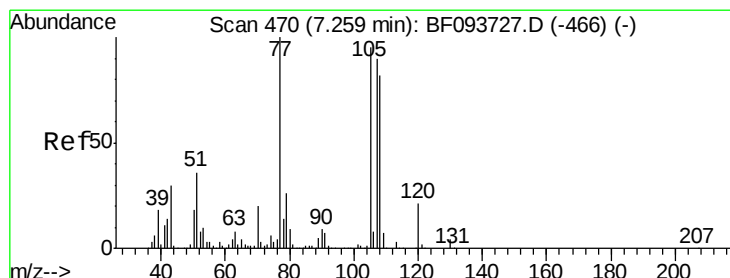
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.82 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Tgt Ion:105 Resp: 52218

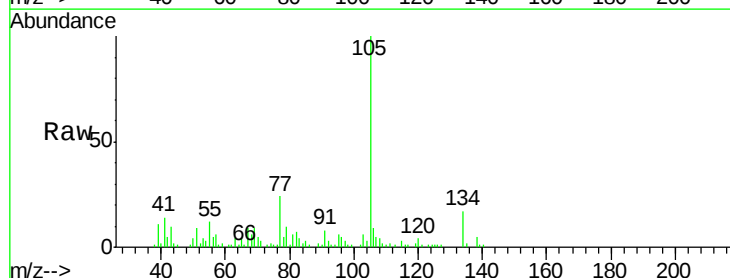
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 9.3 30.7 46.1#

120 3.7 17.4 26.0#

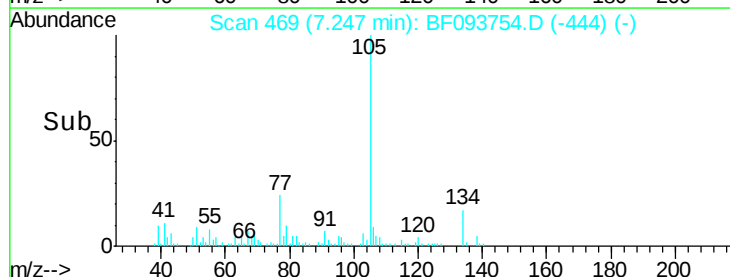


Abundance Ion 105.00 (104.70 to 105.70): E

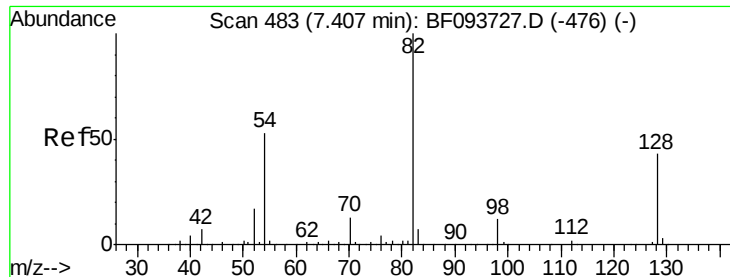
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



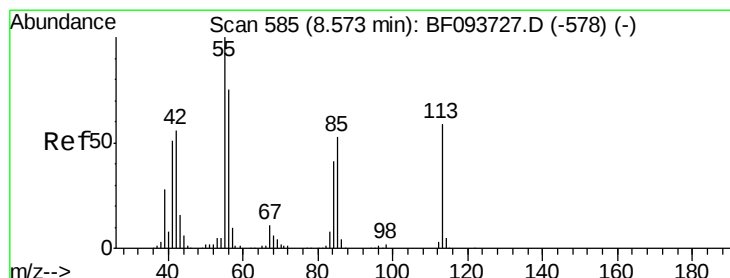
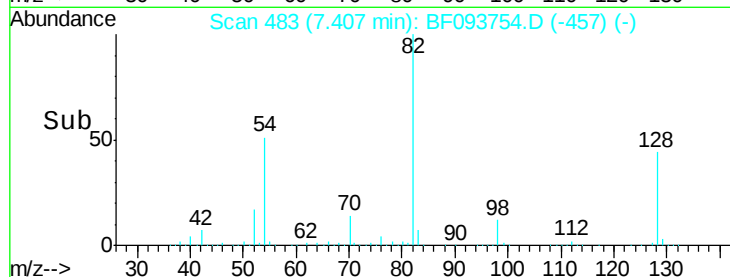
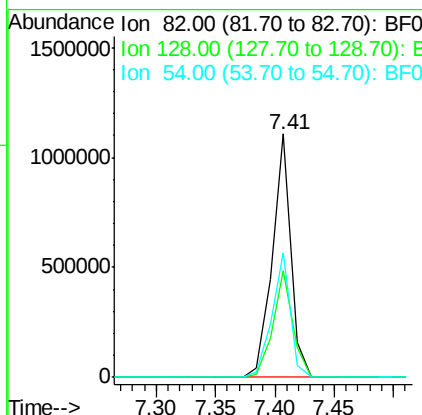
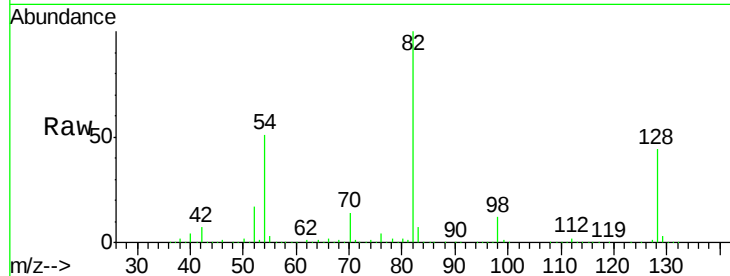
Time-->



#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093754.D
 Acq: 18 Mar 2017 15:22

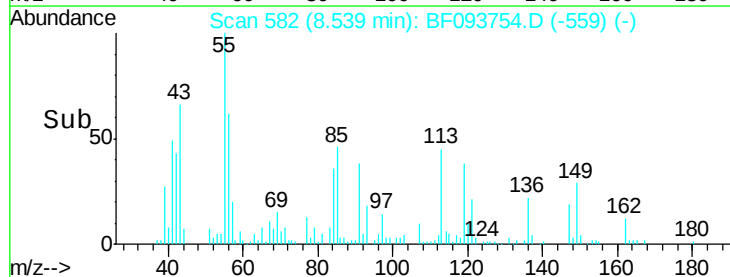
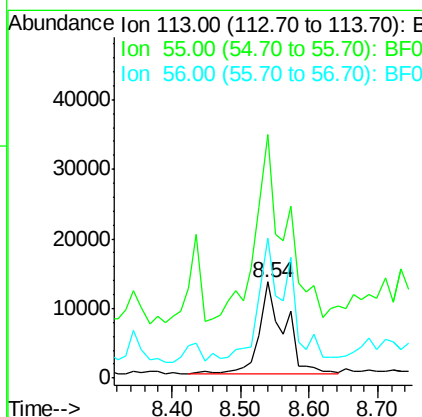
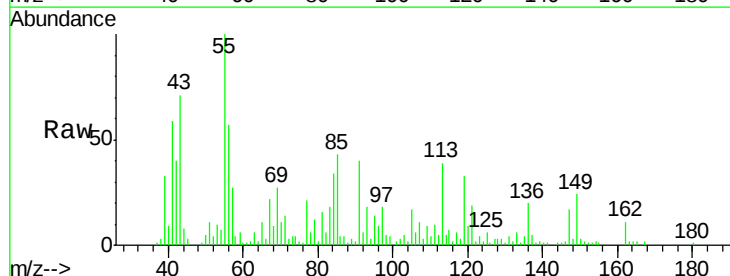
Instrument :
 BNA_F
 ClientSampled :
 MW-1

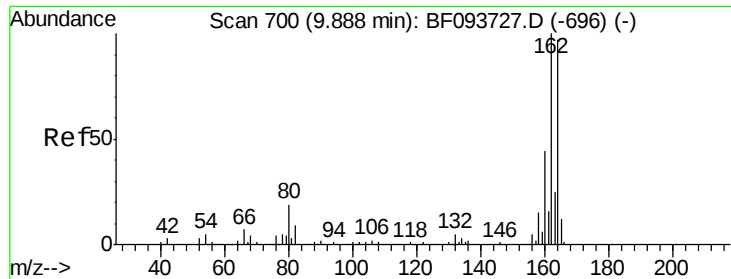
Tgt Ion: 82 Resp: 1205572
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 51.4 42.2 63.2



#35
 Caprolactam
 Concen: 8.91 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.03 min
 Lab File: BF093754.D
 Acq: 18 Mar 2017 15:22

Tgt Ion: 113 Resp: 33318
 Ion Ratio Lower Upper
 113 100
 55 253.5 150.2 190.2#
 56 145.4 107.8 147.8

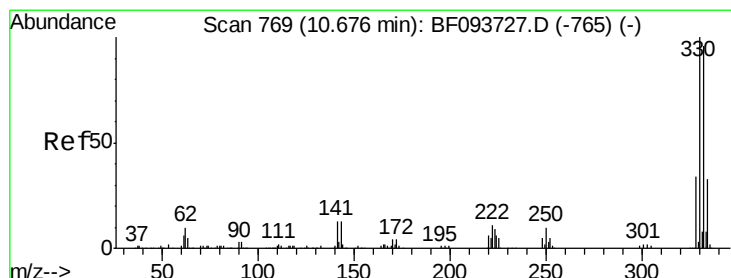
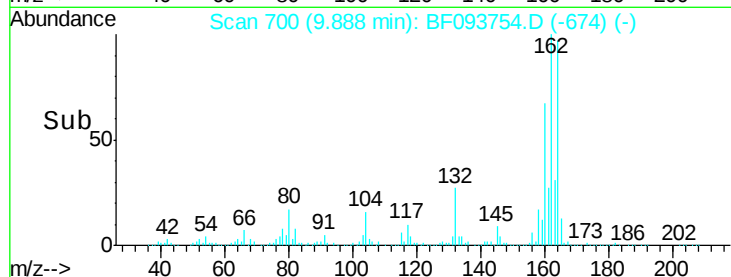
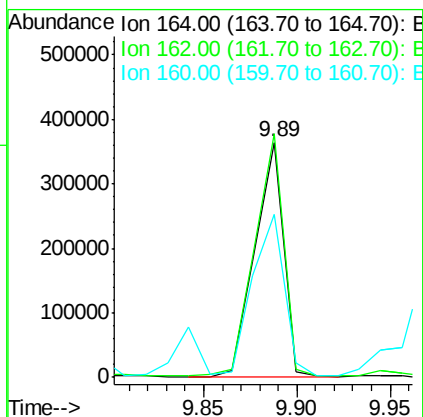
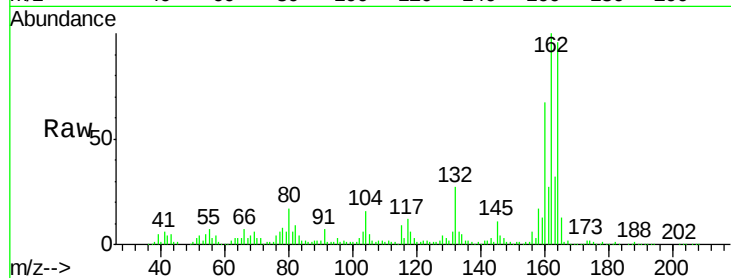




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

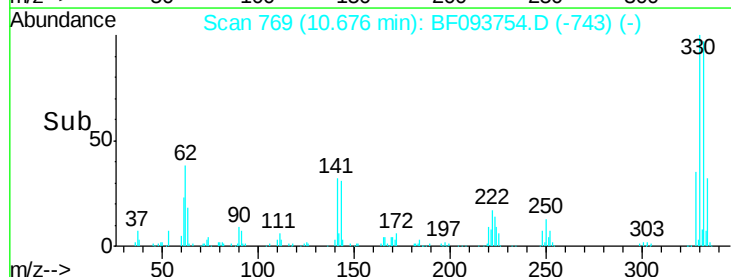
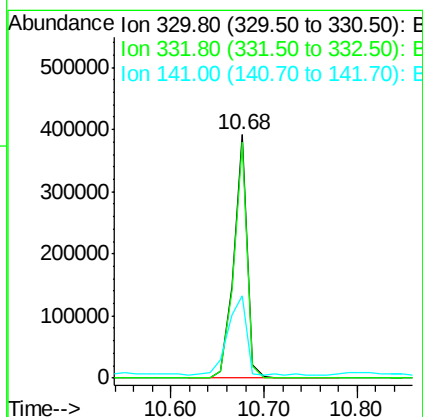
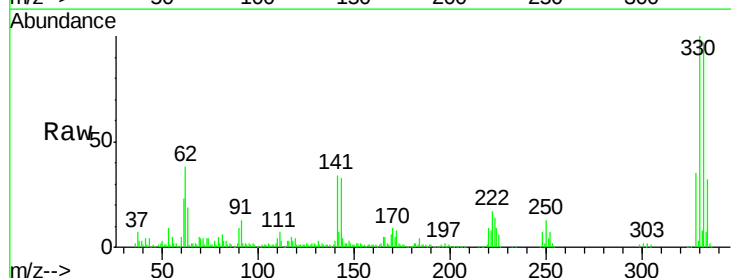
Instrument :
BNA_F
ClientSampleId :
MW-1

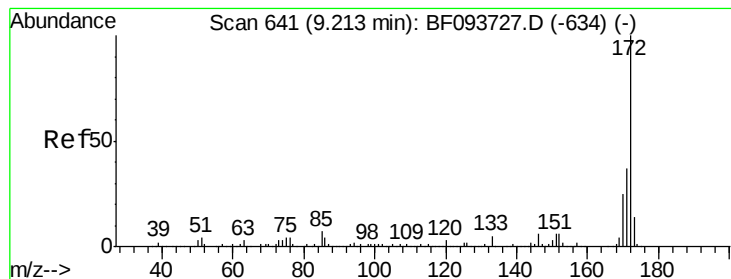
Tgt Ion:164 Resp: 384896
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 69.4 36.2 54.2#



#41
2,4,6-Tribromophenol
Concen: 156.95 ng
RT: 10.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:330 Resp: 395349
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 45.1 31.4 47.2

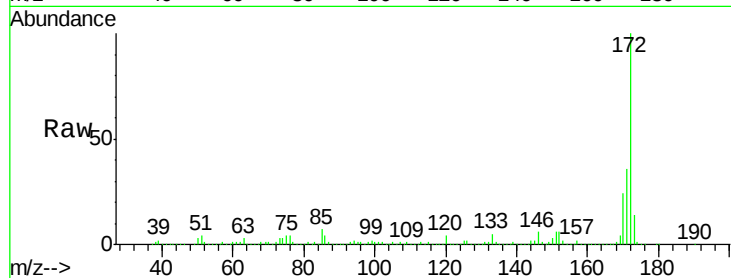




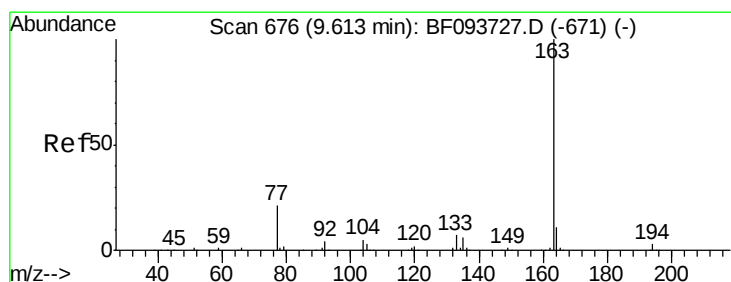
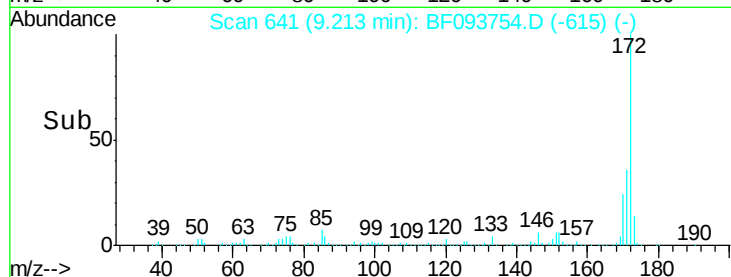
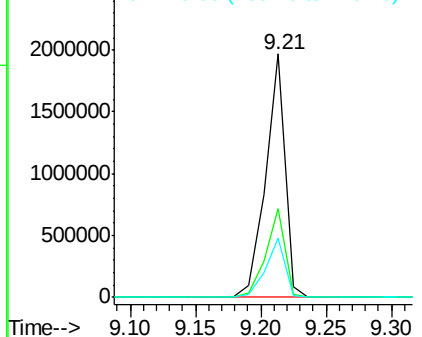
#44
2-Fluorobiphenyl
Concen: 100.56 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampled :
MW-1

Tgt Ion:172 Resp: 2051064
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.8 29.8

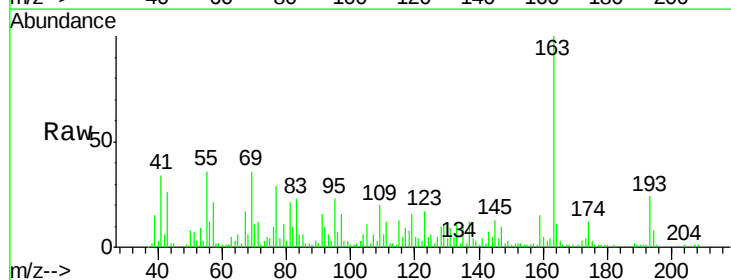


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

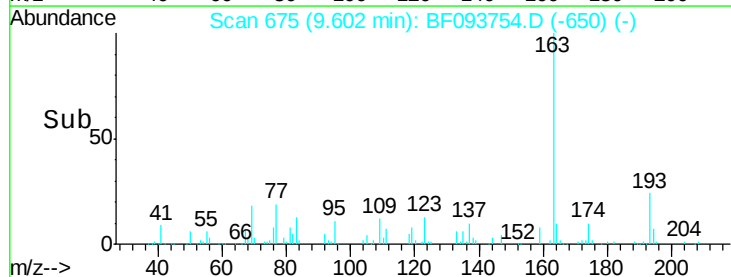
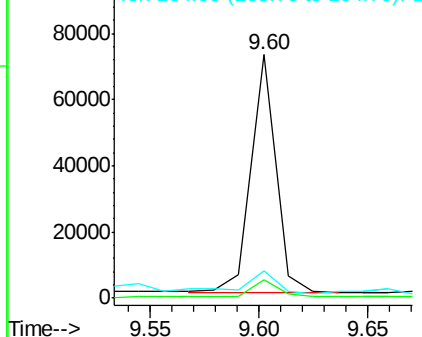


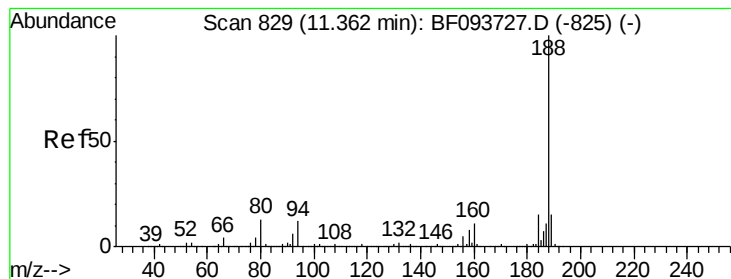
#49
Dimethylphthalate
Concen: 2.29 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:163 Resp: 57610
Ion Ratio Lower Upper
163 100
194 7.5 2.6 4.0#
164 11.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Instrument :

BNA_F

ClientSampleId :

MW-1

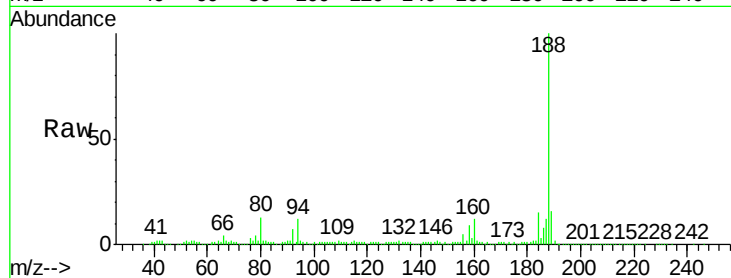
Tgt Ion:188 Resp: 648506

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

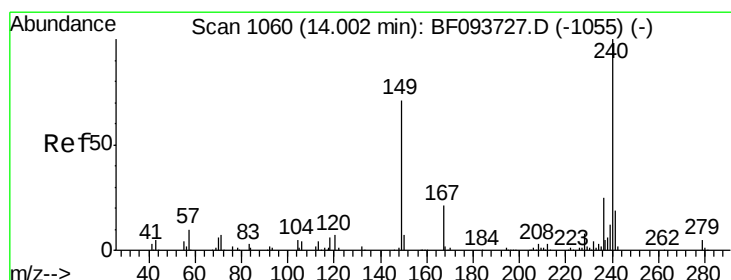
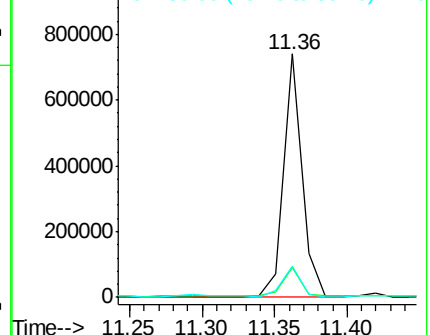
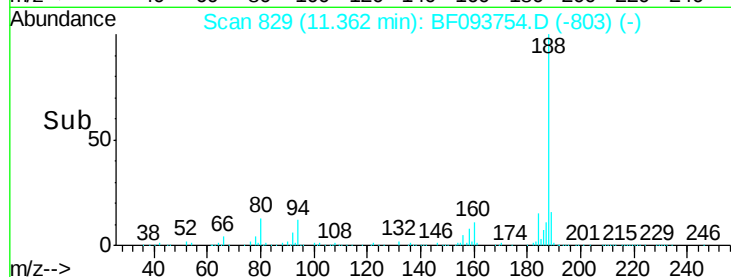
80 12.9 10.2 15.2



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: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

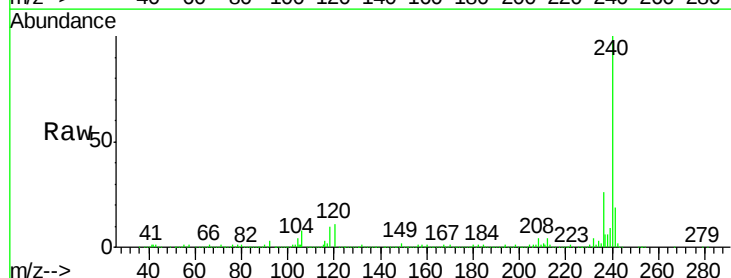
Tgt Ion:240 Resp: 597397

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

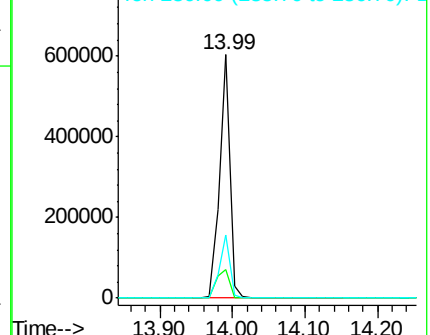
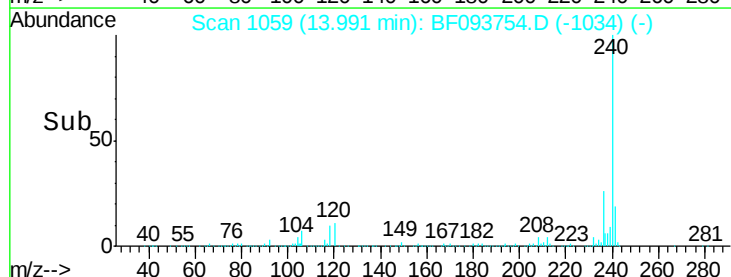
236 26.0 20.5 30.7

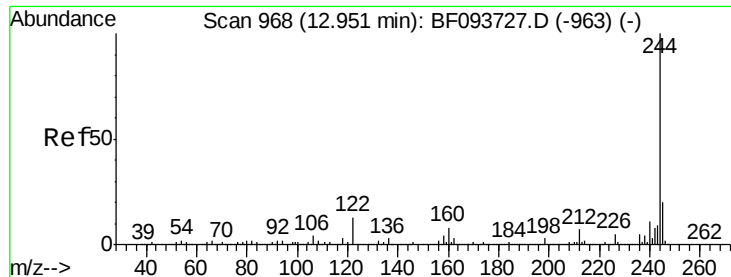


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.52 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

Instrument :

BNA_F

ClientSampleId :

MW-1

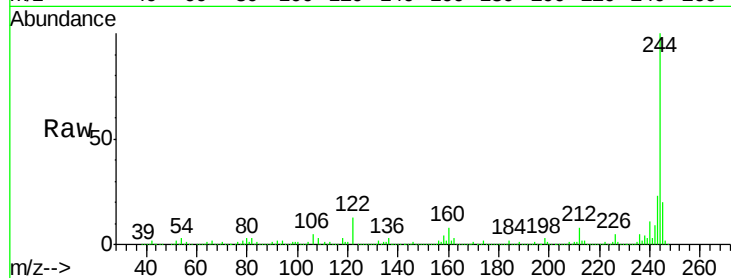
Tgt Ion:244 Resp: 1541063

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

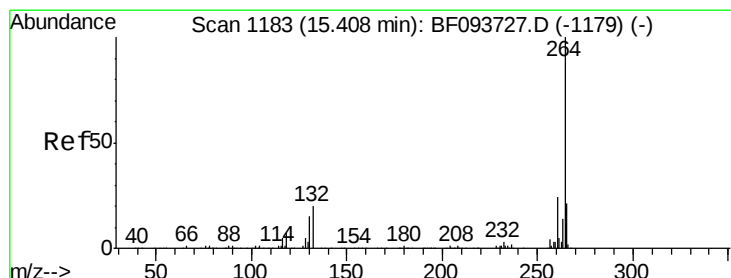
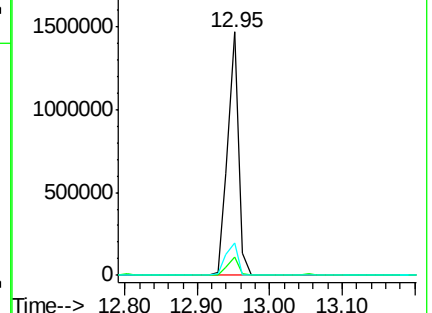
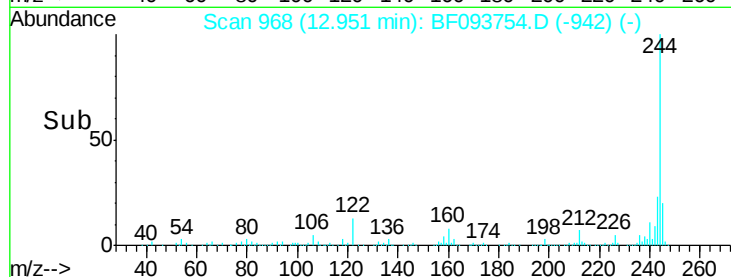
122 13.4 10.3 15.5



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: 15.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF093754.D

Acq: 18 Mar 2017 15:22

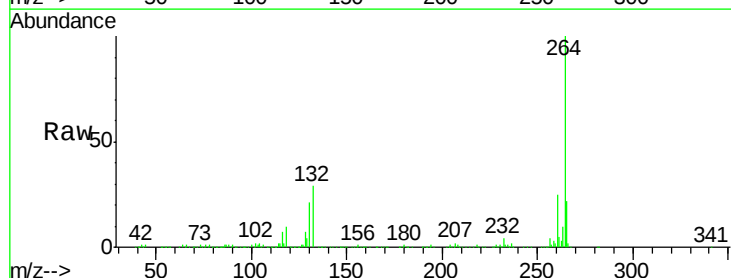
Tgt Ion:264 Resp: 421605

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 21.9 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

