

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079717.D
 Acq On : 4 Jun 2015 22:28
 Operator : TP/IZ
 Sample : G2491-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF016MW027-150601

Quant Time: Jun 06 01:51:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

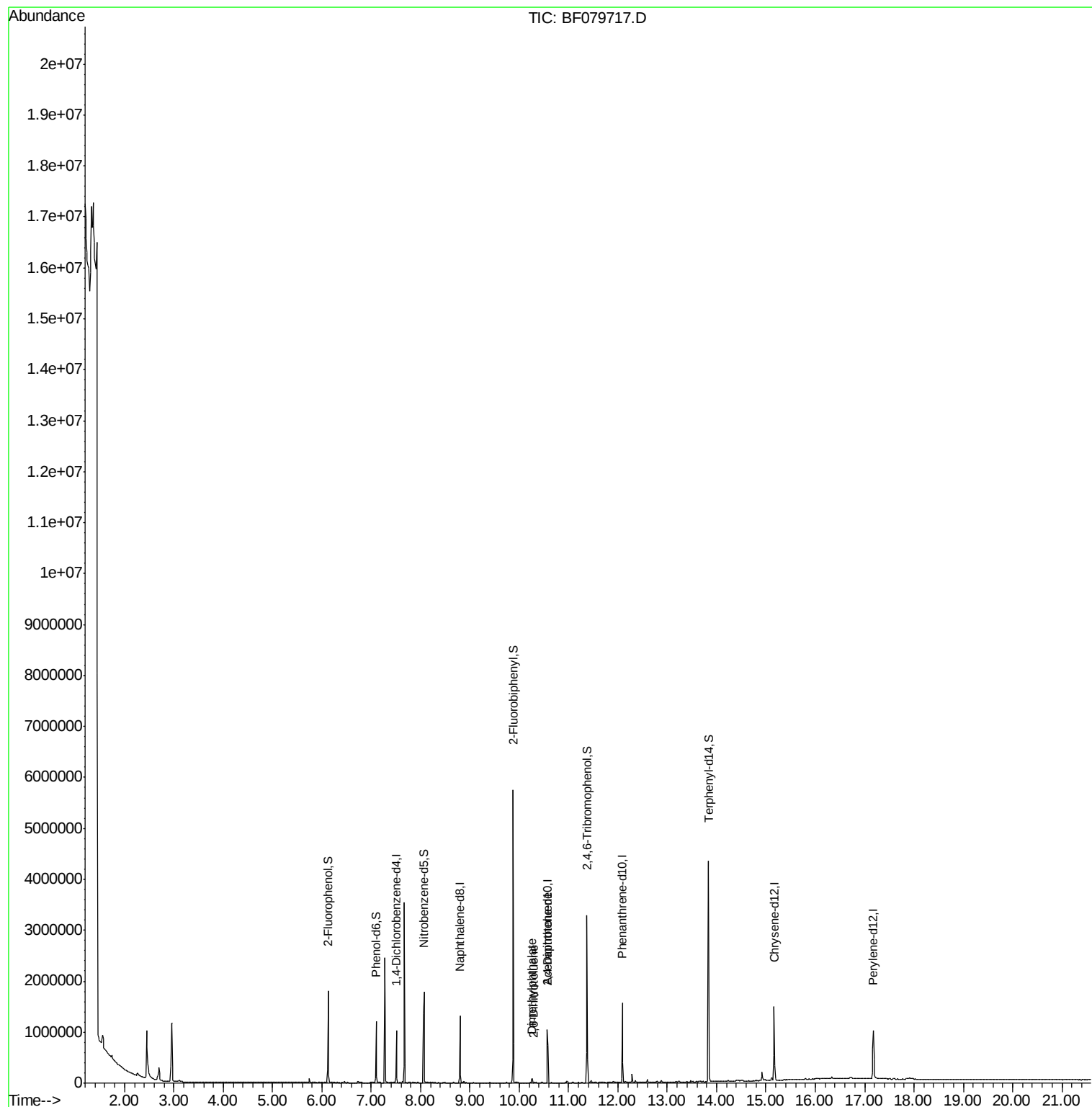
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	137344	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	524858	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	260499	20.00	ng	-0.01
63) Phenanthrene-d10	12.09	188	556413	20.00	ng	-0.01
75) Chrysene-d12	15.17	240	590043	20.00	ng	0.00
86) Perylene-d12	17.18	264	551860	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	424425	52.99	ng	0.00
7) Phenol-d6	7.10	99	343691	32.96	ng	0.00
23) Nitrobenzene-d5	8.07	82	743559	86.26	ng	0.00
41) 2,4,6-Tribromophenol	11.37	330	352475	150.68	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1585510	88.12	ng	0.00
78) Terphenyl-d14	13.84	244	2170484	86.67	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.26	163	47439	2.36	ng	98
50) 2,6-Dinitrotoluene	10.30	165	651	3.21	ng	# 23
56) 2,4-Dinitrotoluene	10.57	165	32708	7.69	ng	# 34

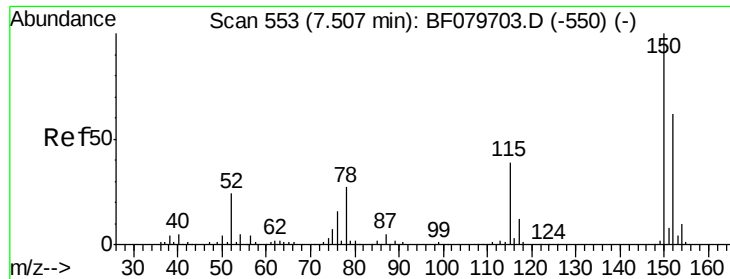
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

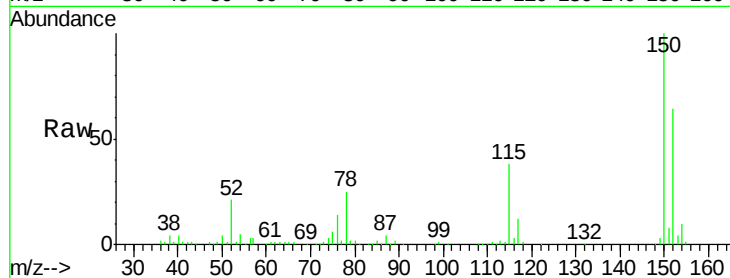
Tgt Ion:152 Resp: 137344

Ion Ratio Lower Upper

152 100

150 156.2 128.1 192.1

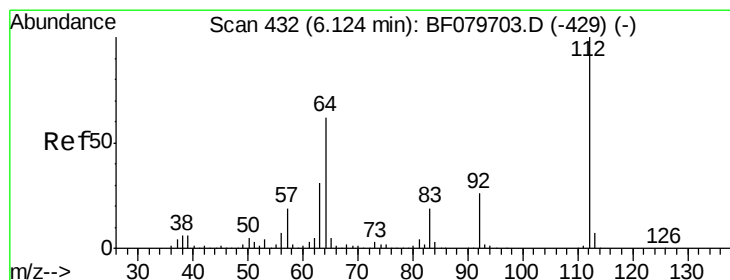
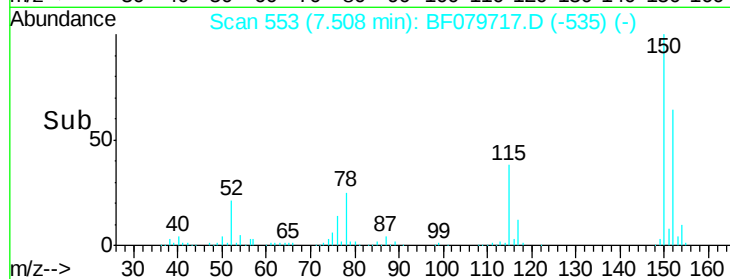
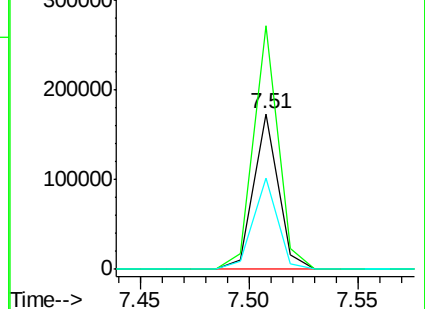
115 58.6 49.7 74.5



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: 52.99 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

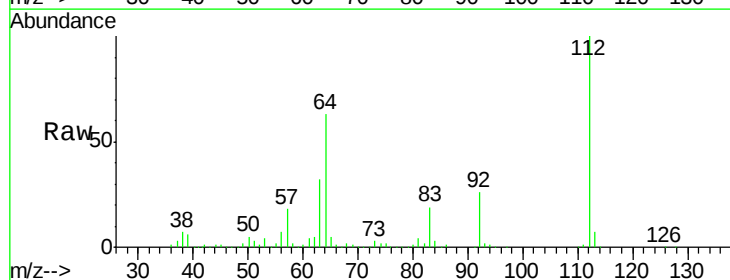
Tgt Ion:112 Resp: 424425

Ion Ratio Lower Upper

112 100

64 62.9 49.6 74.4

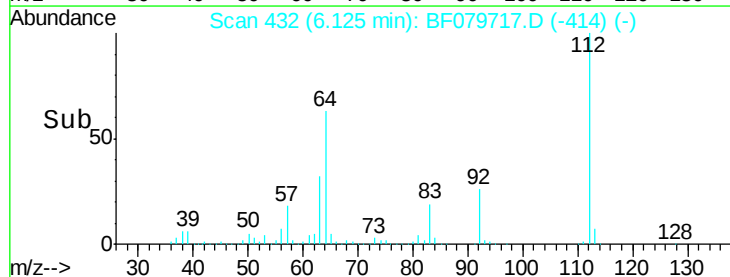
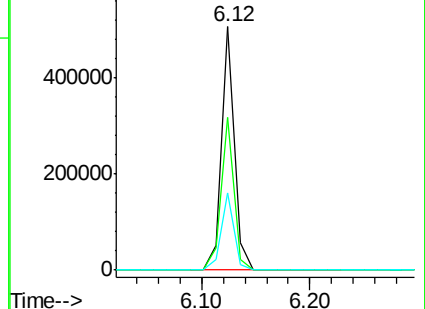
63 31.8 24.9 37.3

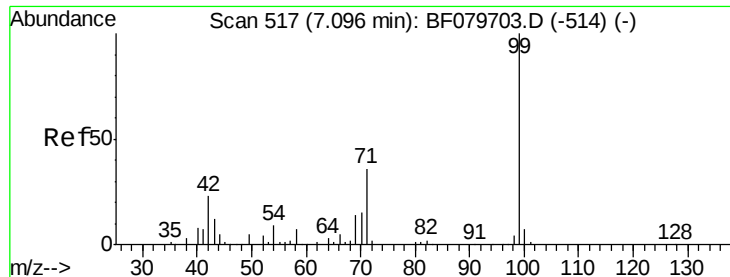


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.96 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

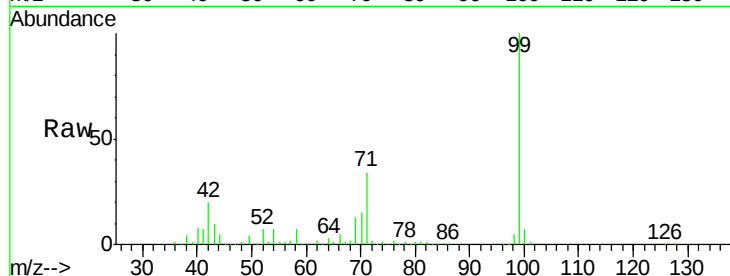
Tgt Ion: 99 Resp: 343691

Ion Ratio Lower Upper

99 100

42 19.5 18.0 27.0

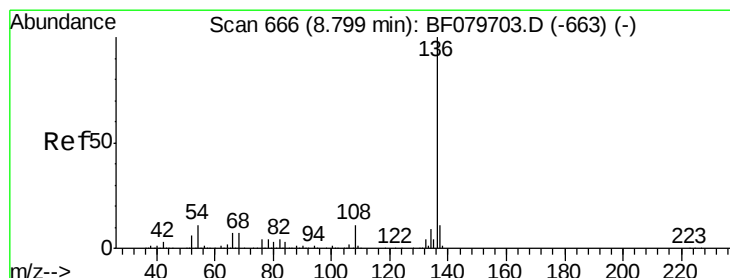
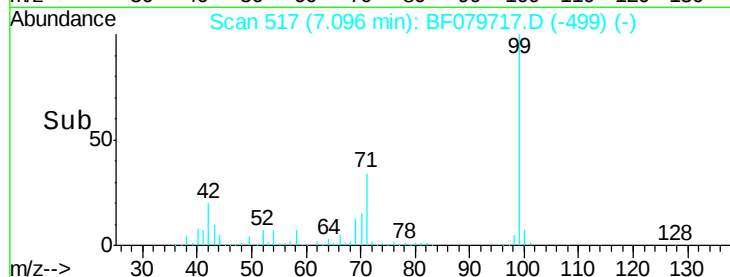
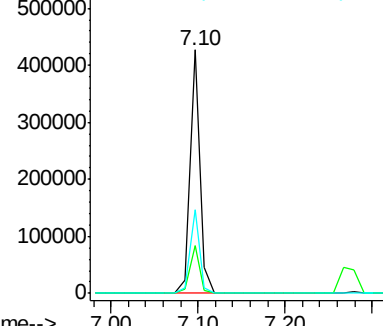
71 34.3 28.4 42.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Tgt Ion: 136 Resp: 524858

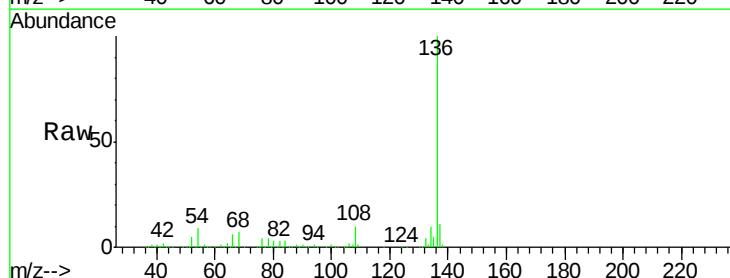
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.1 8.7 13.1

68 6.7 5.8 8.8

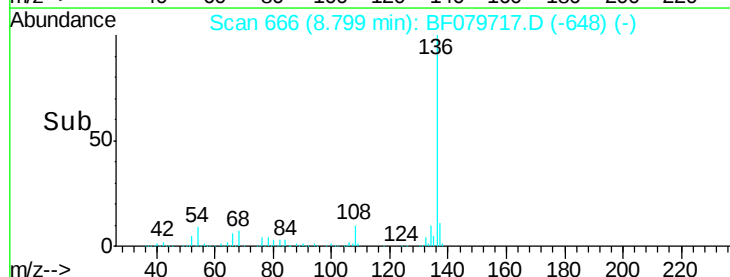
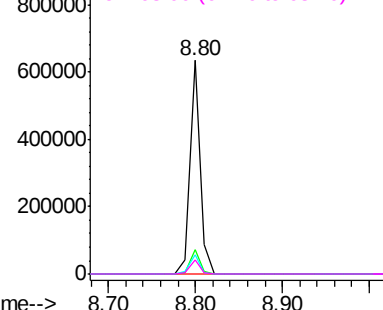


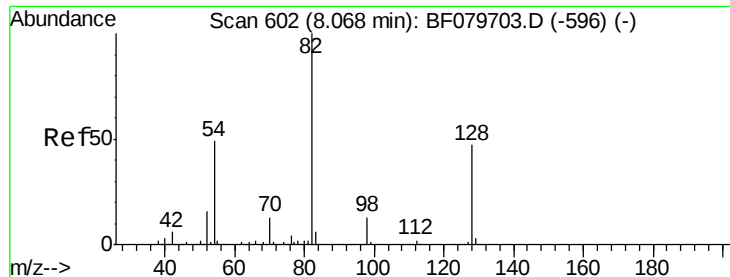
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.26 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

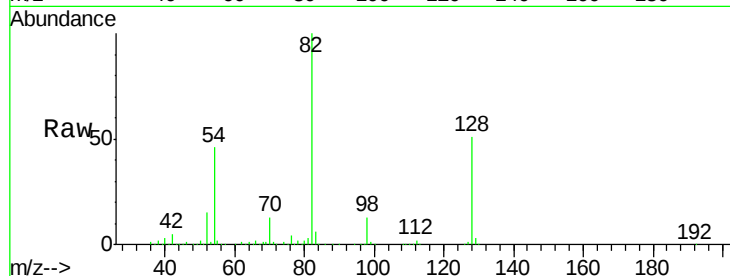
Tgt Ion: 82 Resp: 743559

Ion Ratio Lower Upper

82 100

128 51.0 37.6 56.4

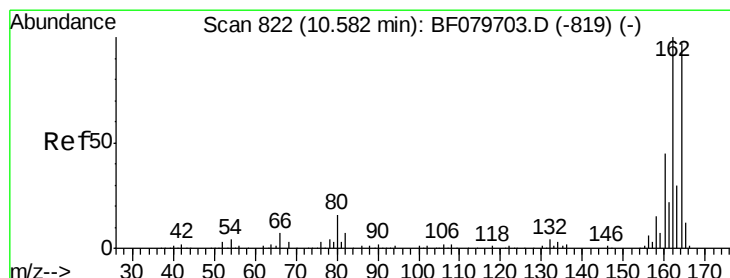
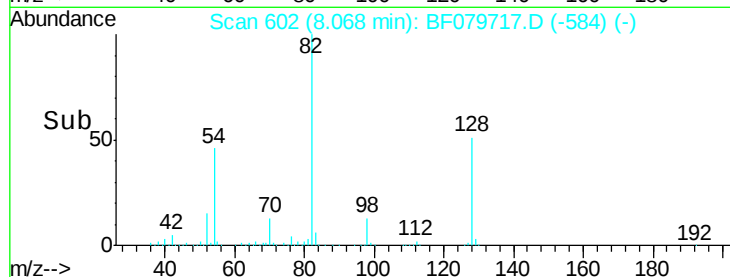
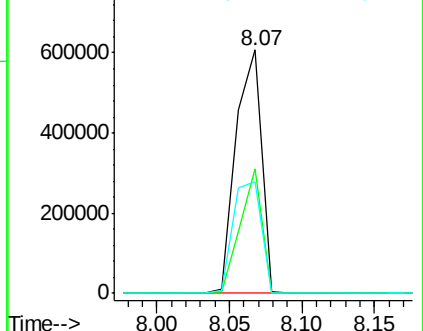
54 45.8 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

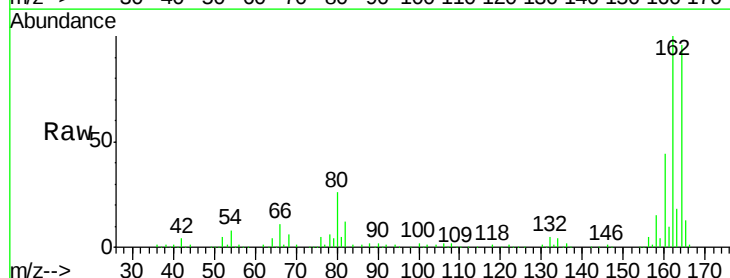
Tgt Ion: 164 Resp: 260499

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

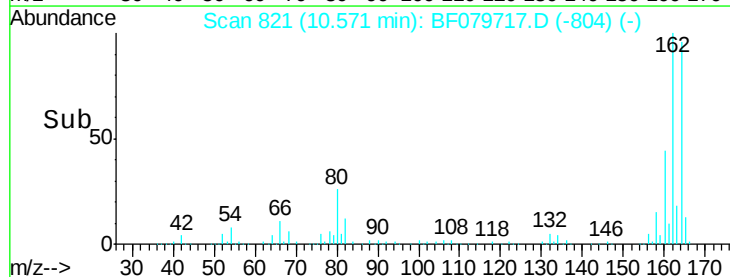
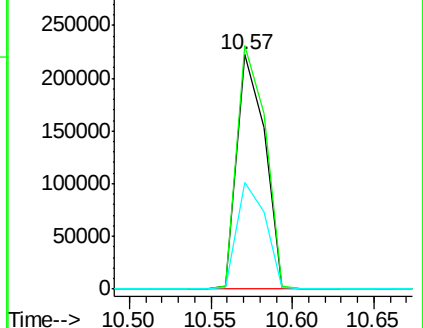
160 45.3 36.8 55.2

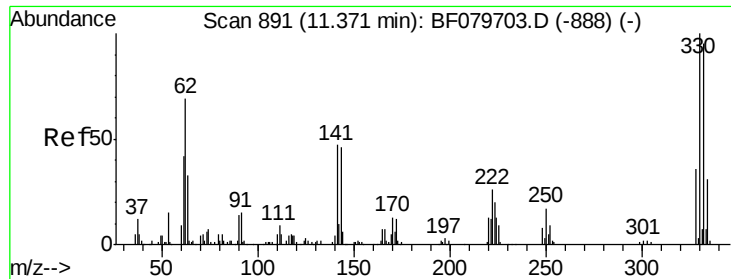


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

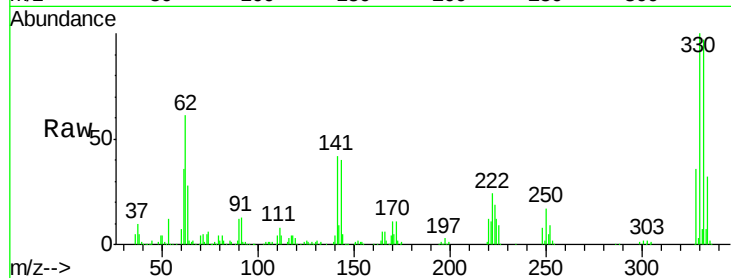




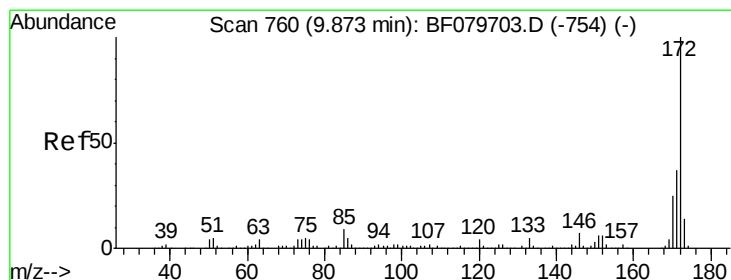
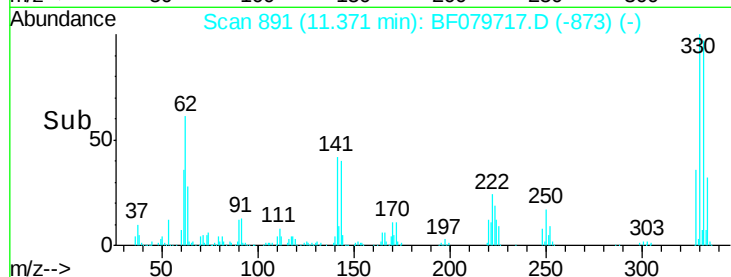
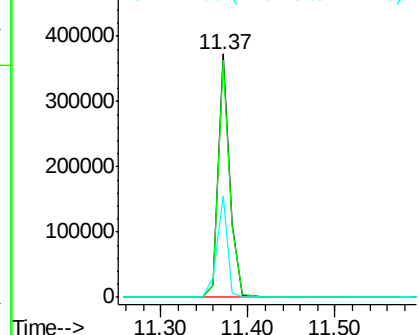
#41
 2,4,6-Tribromophenol
 Concen: 150.68 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079717.D
 Acq: 4 Jun 2015 22:28

Instrument :
 BNA_F
 ClientSampleId :
 LF016MW027-150601

Tgt Ion:330 Resp: 352475
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 38.1 30.2 45.2

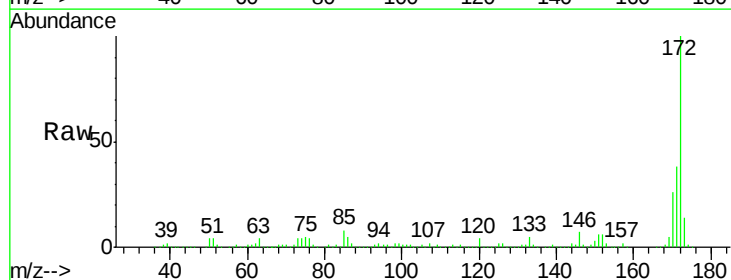


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

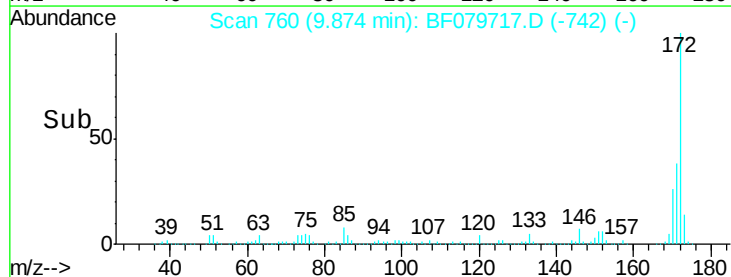
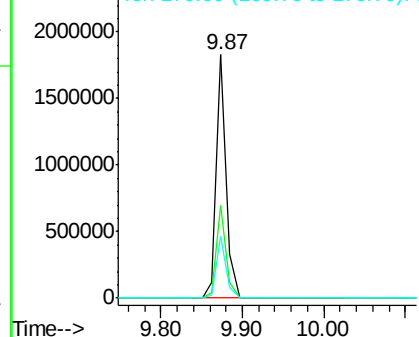


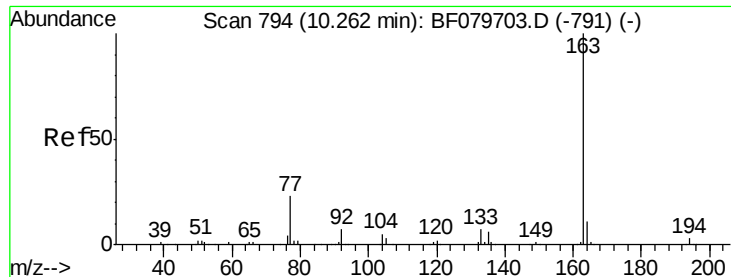
#44
 2-Fluorobiphenyl
 Concen: 88.12 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079717.D
 Acq: 4 Jun 2015 22:28

Tgt Ion:172 Resp: 1585510
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.4 44.0
 170 25.6 19.7 29.5



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: 2.36 ng

RT: 10.26 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

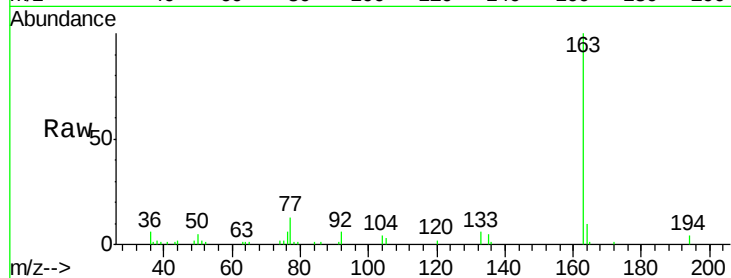
Tgt Ion:163 Resp: 47439

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

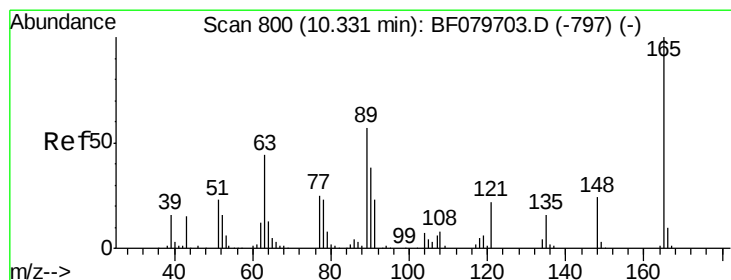
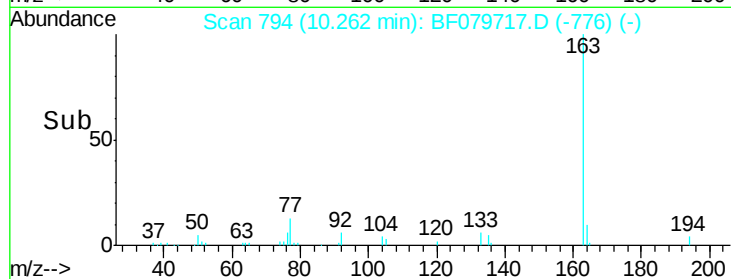
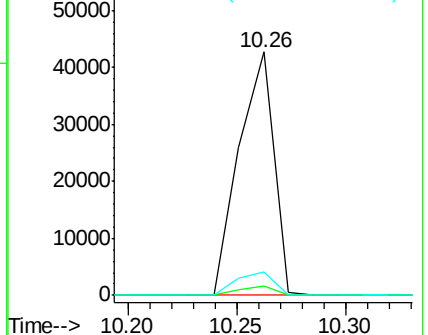
164 9.8 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 3.21 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

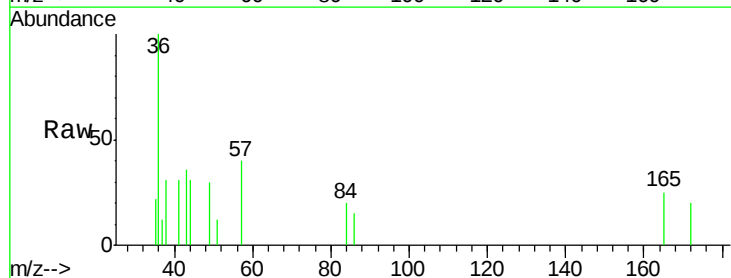
Tgt Ion:165 Resp: 651

Ion Ratio Lower Upper

165 100

63 0.0 45.2 67.8#

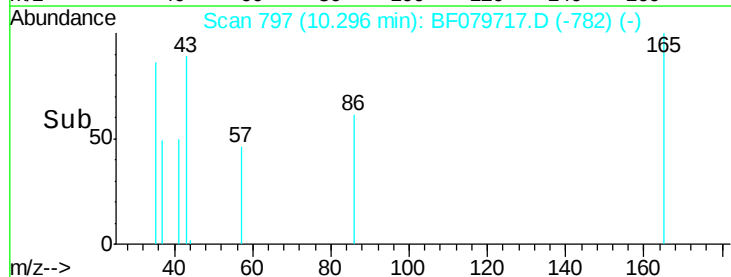
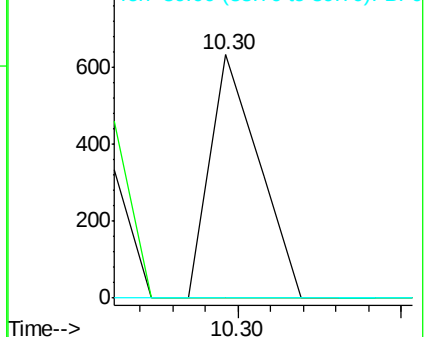
89 0.0 45.9 68.9#

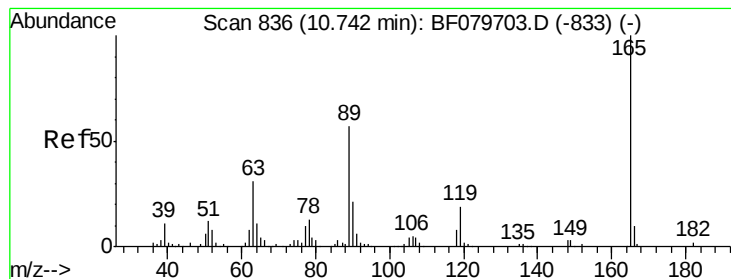


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.69 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.17 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

Tgt Ion:165 Resp: 32708

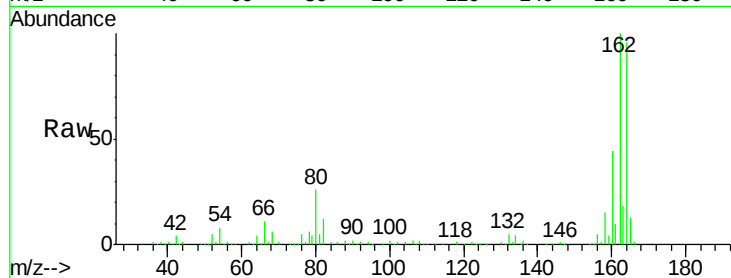
Ion Ratio Lower Upper

165 100

63 1.3 24.7 37.1#

89 1.9 45.7 68.5#

182 0.0 1.8 2.8#

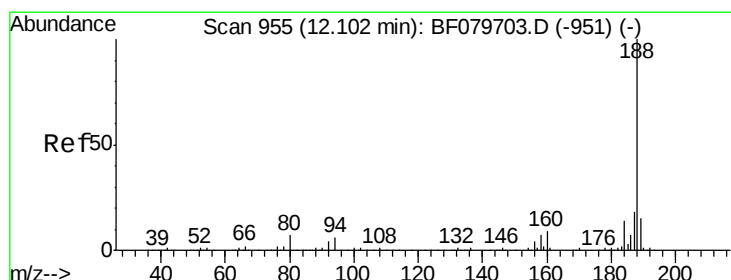
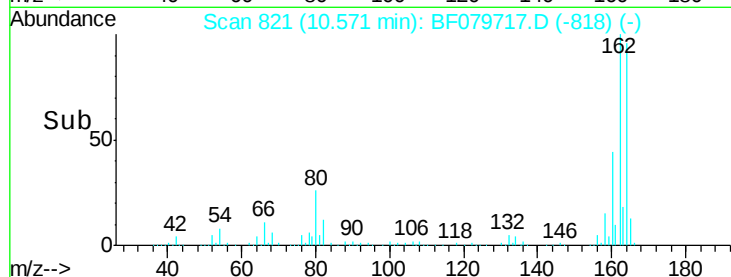
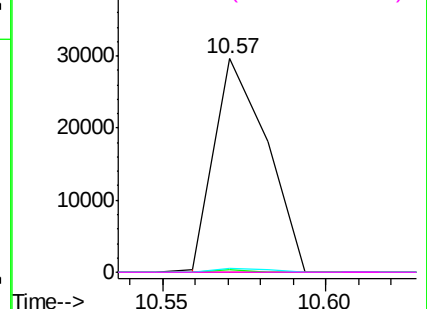


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.09 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

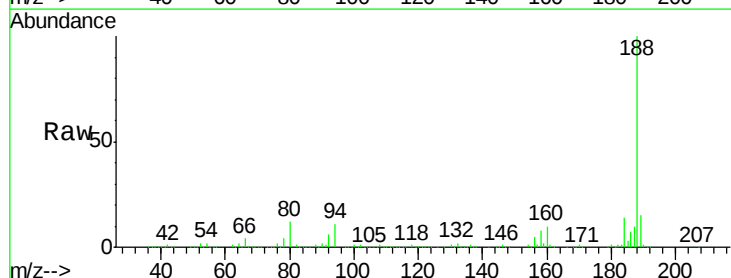
Tgt Ion:188 Resp: 556413

Ion Ratio Lower Upper

188 100

94 10.7 5.0 7.4#

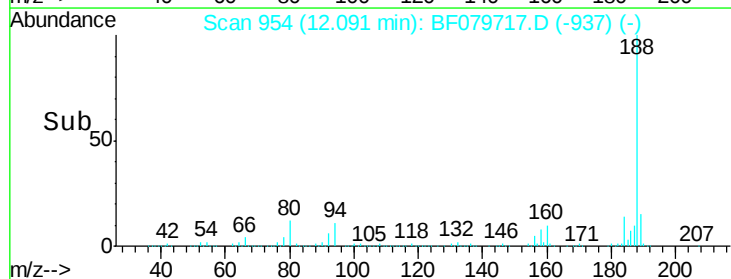
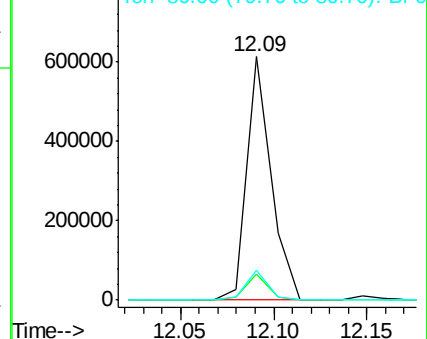
80 12.3 5.3 7.9#

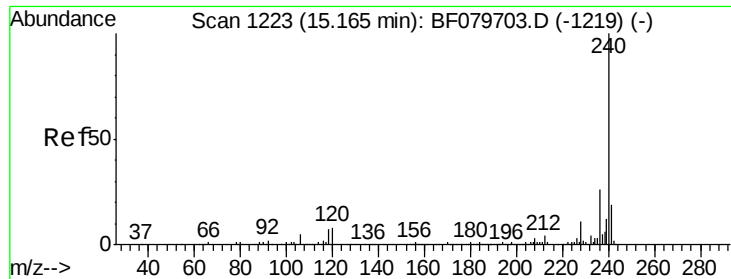


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.17 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

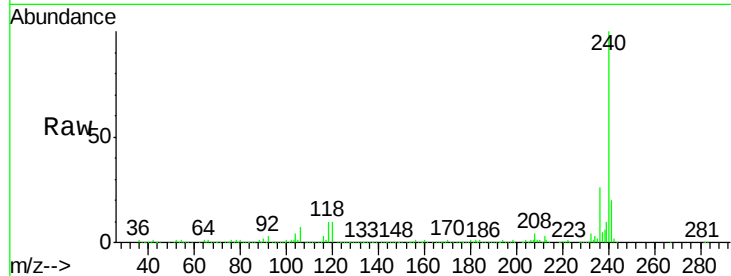
Tgt Ion:240 Resp: 590043

Ion Ratio Lower Upper

240 100

120 10.3 6.2 9.2#

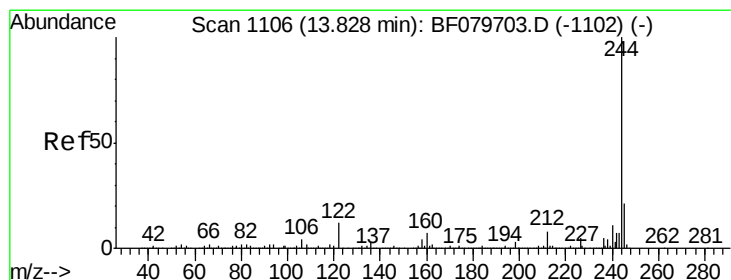
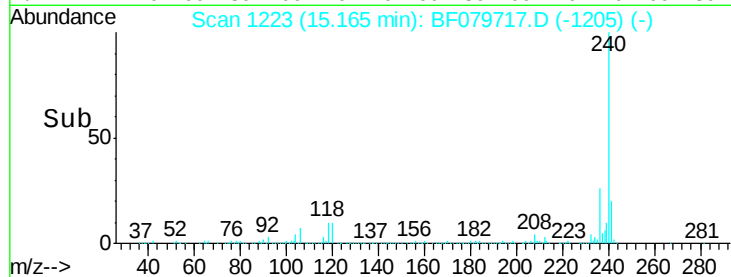
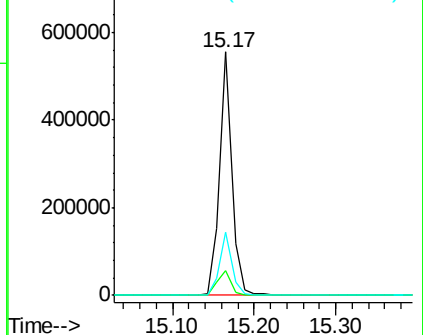
236 26.0 21.0 31.4



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: 86.67 ng

RT: 13.84 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

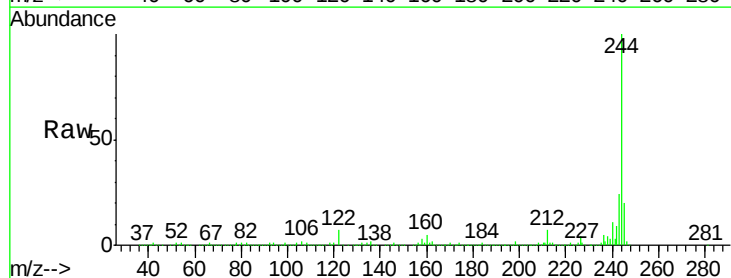
Tgt Ion:244 Resp: 2170484

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

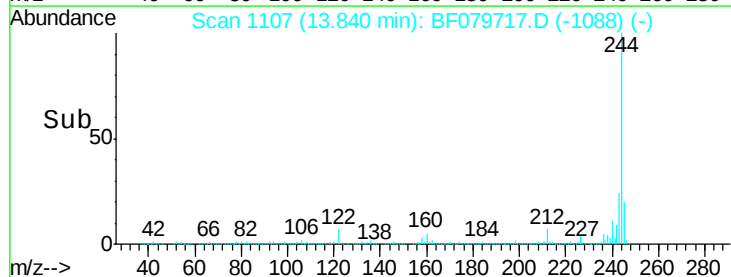
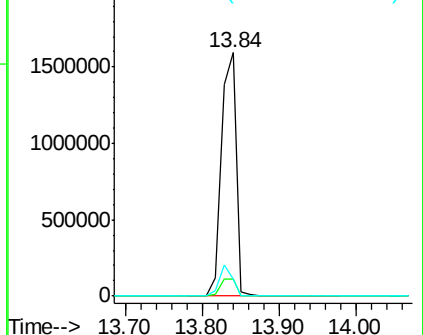
122 6.8 9.3 13.9#

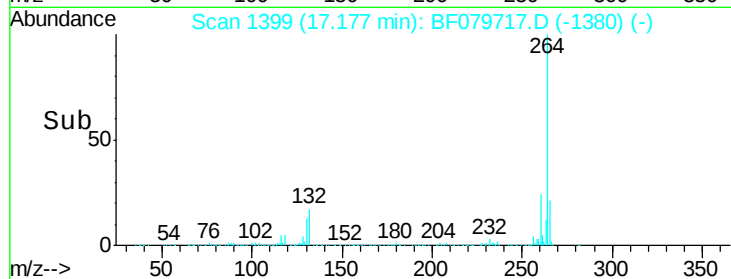
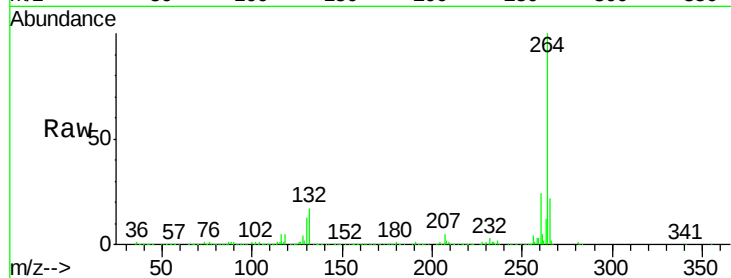
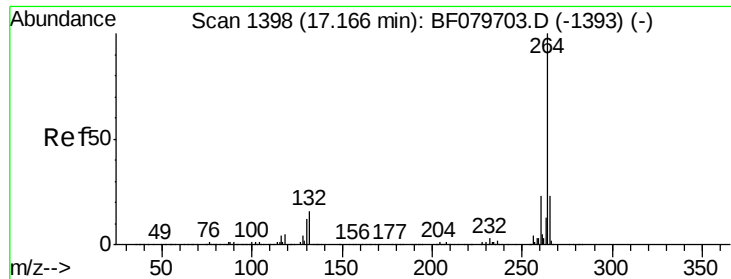


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.18 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF079717.D

Acq: 4 Jun 2015 22:28

Instrument :

BNA_F

ClientSampleId :

LF016MW027-150601

Tgt Ion:264 Resp: 551860

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.6 18.2 27.4

