

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094739.D
 Acq On : 1 May 2017 3:46
 Operator : SJ/MA
 Sample : I2902-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:53:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

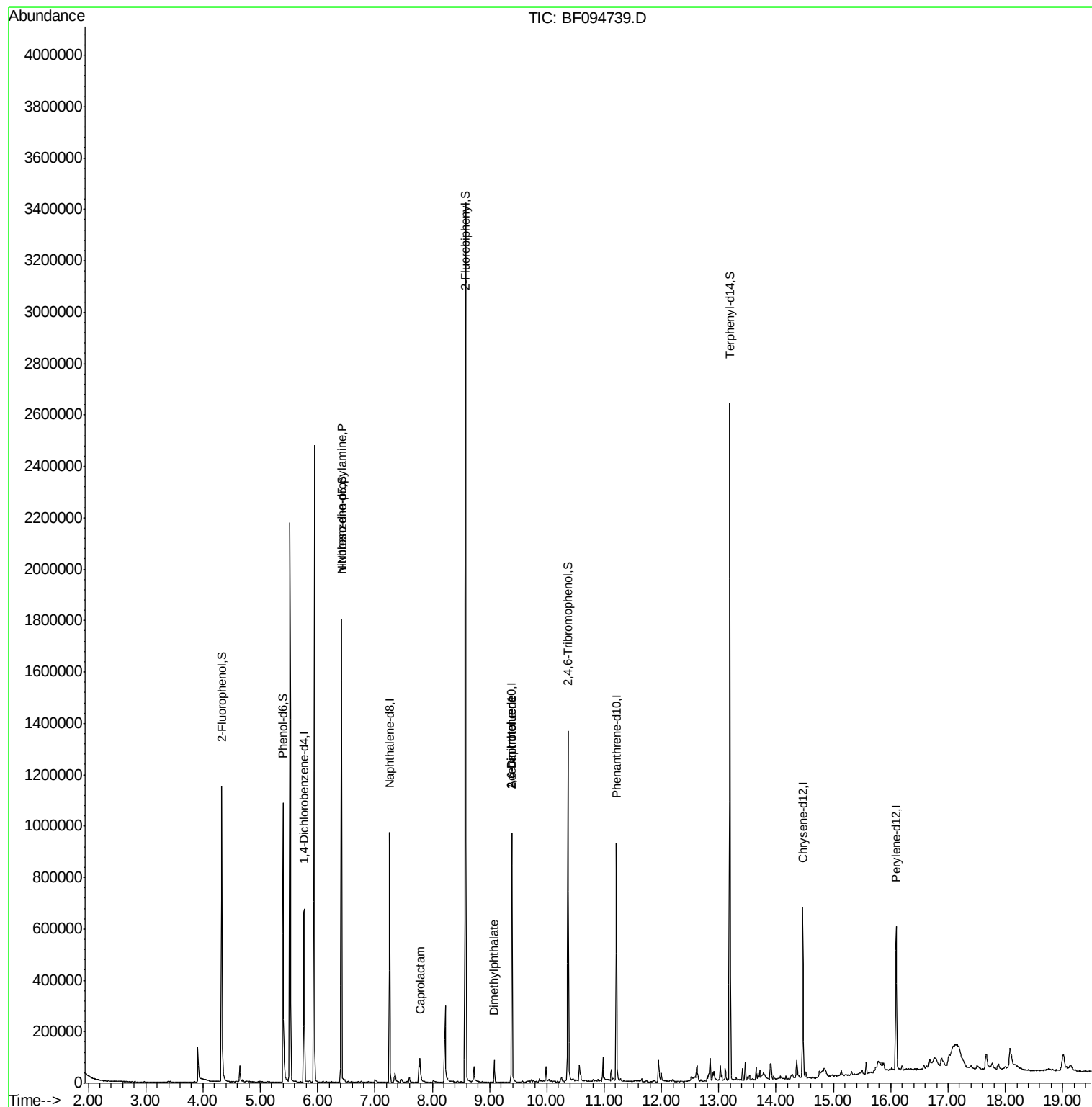
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113449	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	472699	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	221979	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	371295	20.00	ng	0.00
75) Chrysene-d12	14.47	240	250816	20.00	ng	0.00
86) Perylene-d12	16.09	264	225709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	359091	52.51	ng	0.02
7) Phenol-d6	5.40	99	408219	50.64	ng	0.00
23) Nitrobenzene-d5	6.42	82	652685	85.26	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	169429	97.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1270452	84.21	ng	0.00
78) Terphenyl-d14	13.19	244	967528	103.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	86052	16.11	ng	# 76
35) Caprolactam	7.79	113	21113	10.27	ng	# 79
49) Dimethylphthalate	9.08	163	39701	2.40	ng	98
50) 2,6-Dinitrotoluene	9.39	165	28286	7.62	ng	# 34
56) 2,4-Dinitrotoluene	9.39	165	28286	6.21	ng	# 33

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

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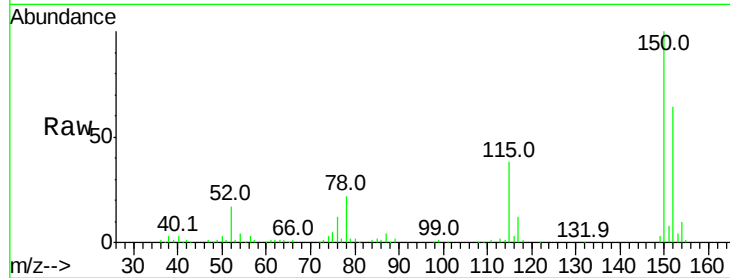


#1

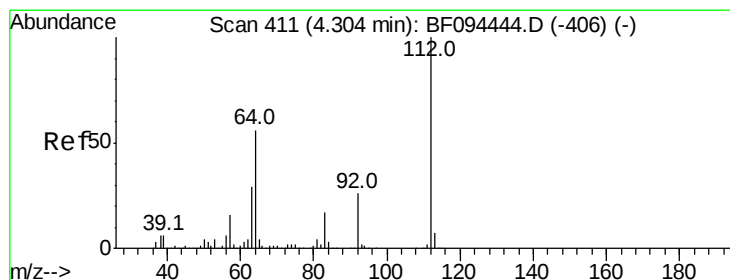
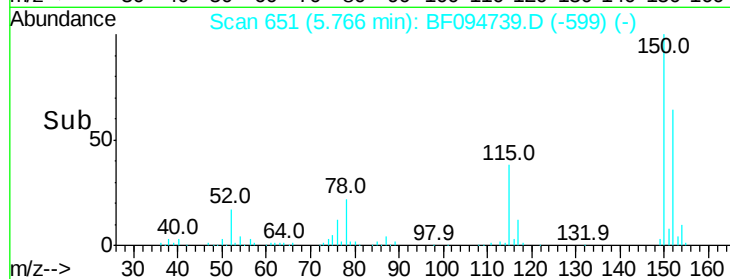
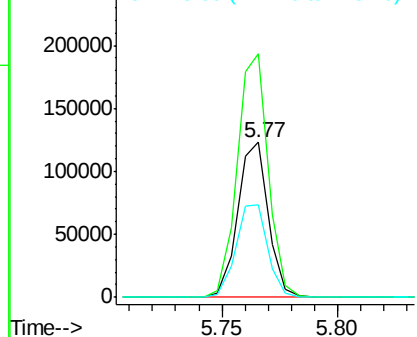
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113449
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.5 52.2 78.2



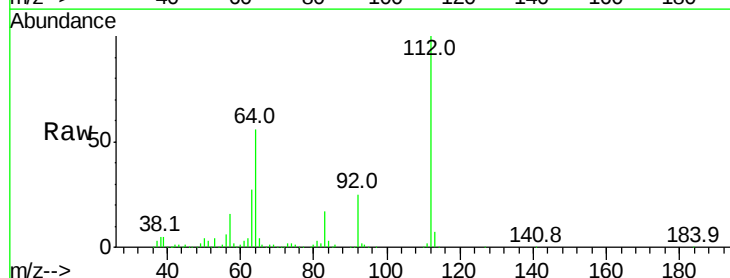
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



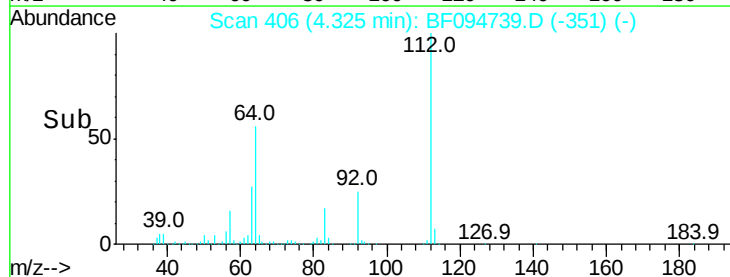
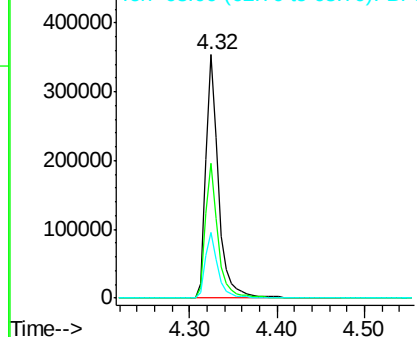
#5

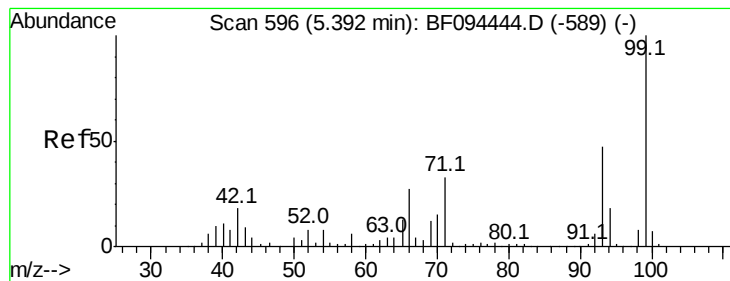
2-Fluorophenol
Concen: 52.51 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Tgt Ion:112 Resp: 359091
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.2 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: 50.64 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampled :

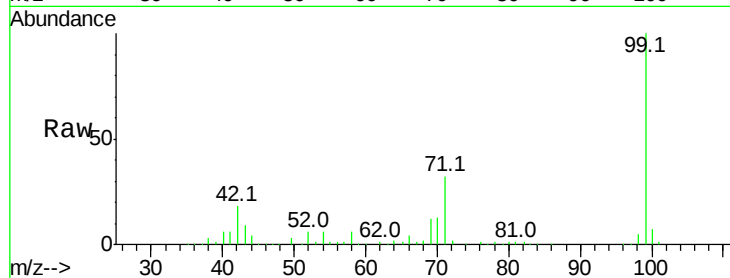
Tot Ion: 99 Resp: 408219

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

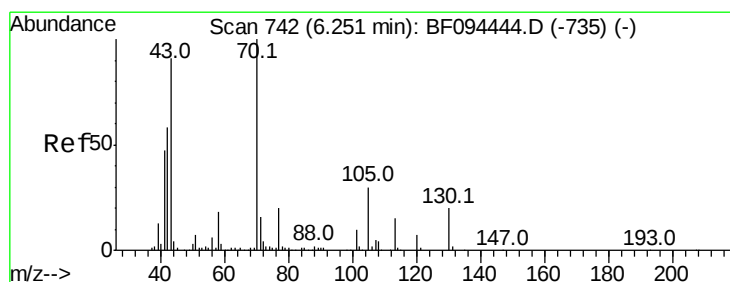
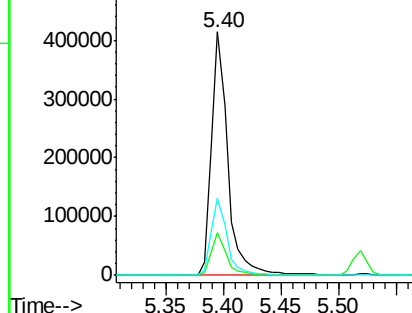
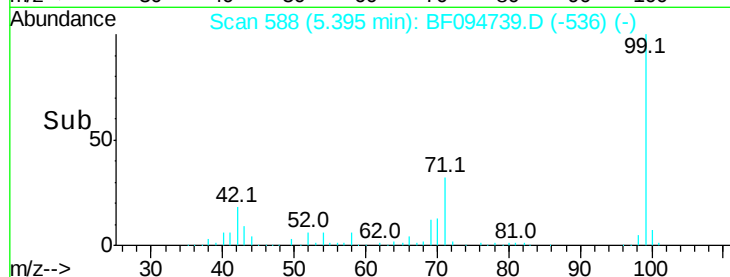
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.11 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Tgt Ion: 70 Resp: 86052

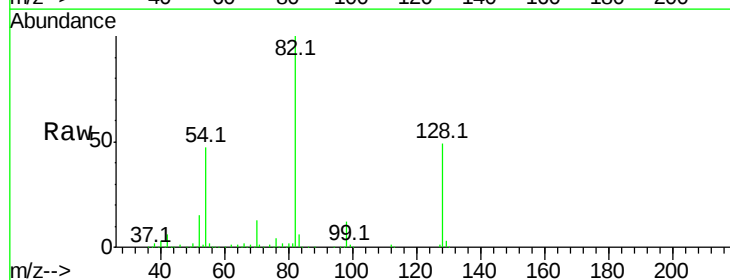
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

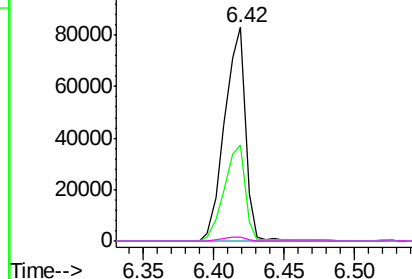
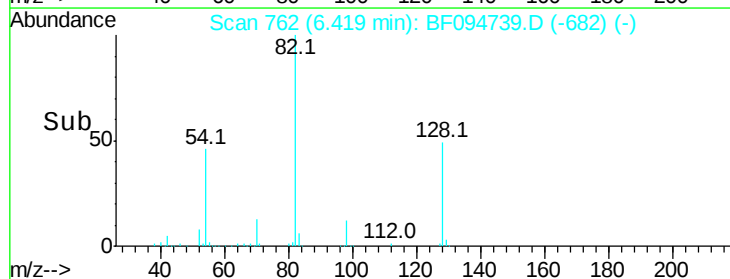


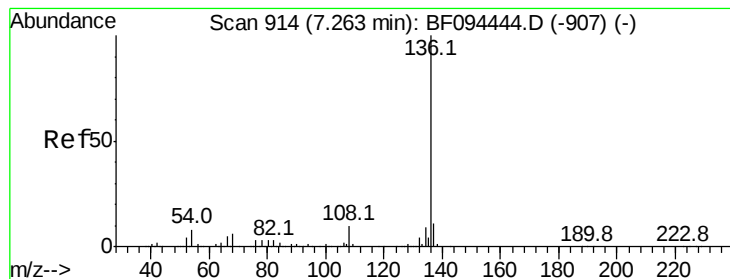
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 472699

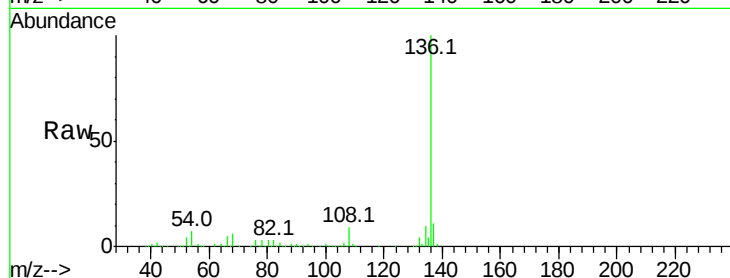
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

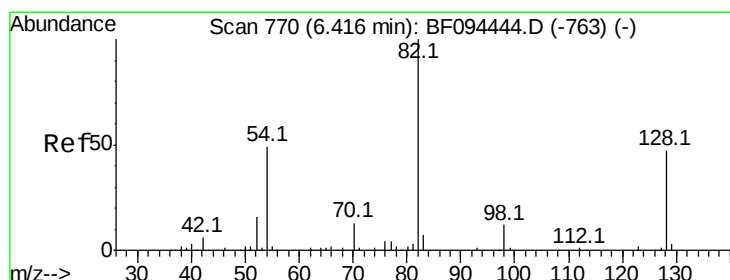
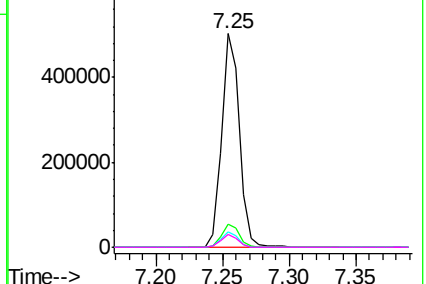
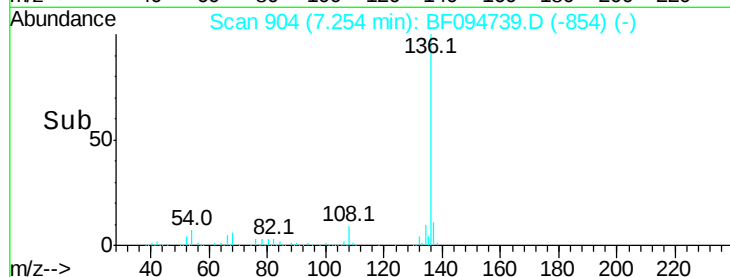


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.26 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

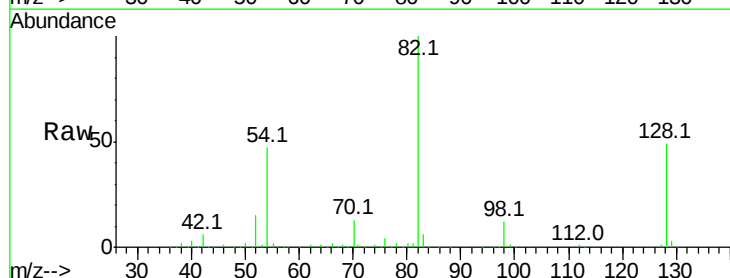
Tgt Ion: 82 Resp: 652685

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

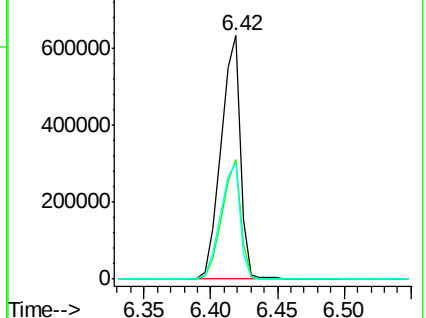
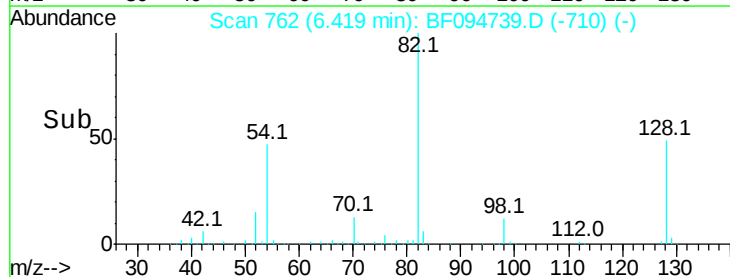
54 47.5 42.2 63.2

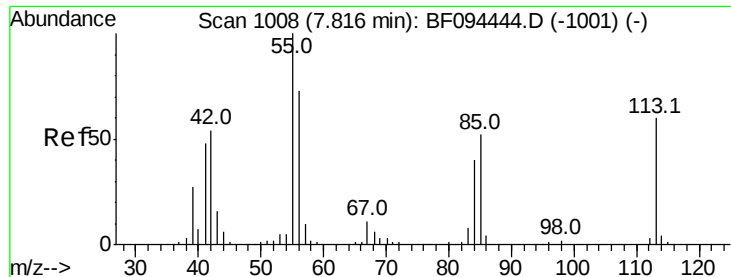


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

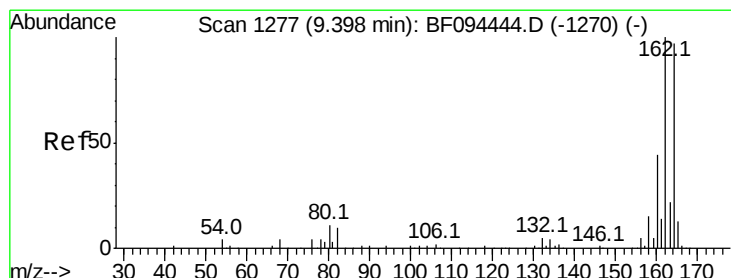
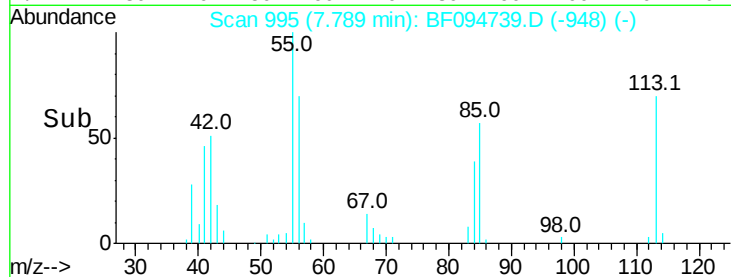
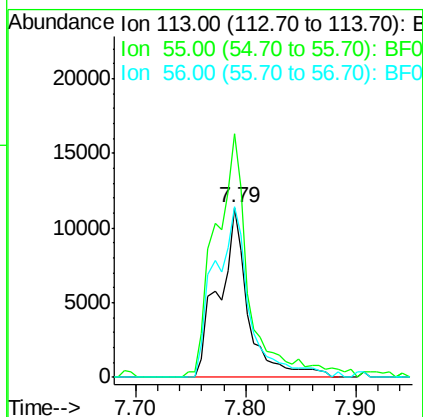
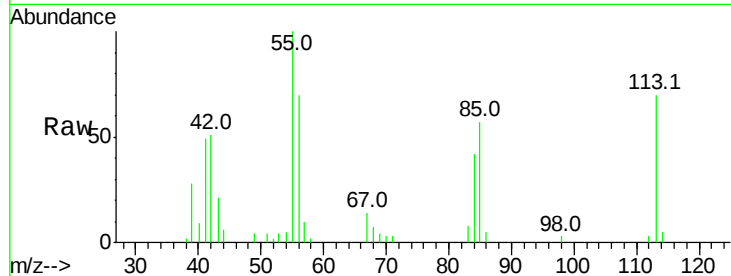




#35
 Caprolactam
 Concen: 10.27 ng
 RT: 7.79 min Scan# 995
 Delta R.T. -0.03 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

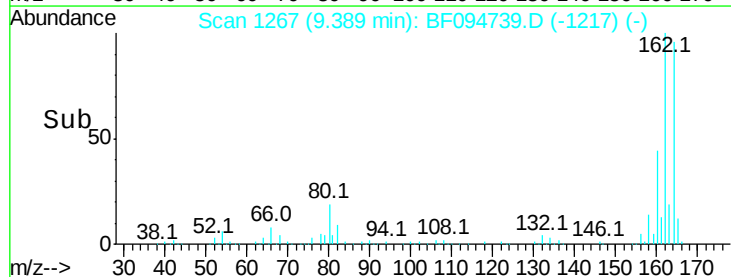
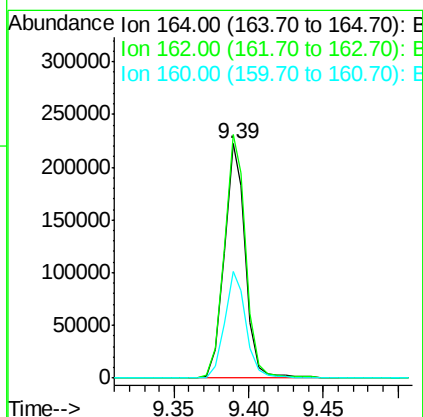
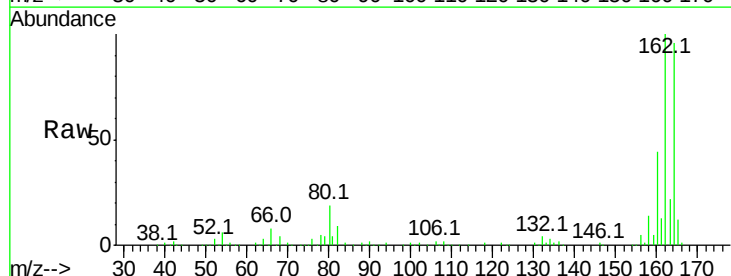
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 21113
 Ion Ratio Lower Upper
 113 100
 55 143.3 150.2 190.2#
 56 100.2 107.8 147.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Tgt Ion:164 Resp: 221979
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 45.3 36.2 54.2

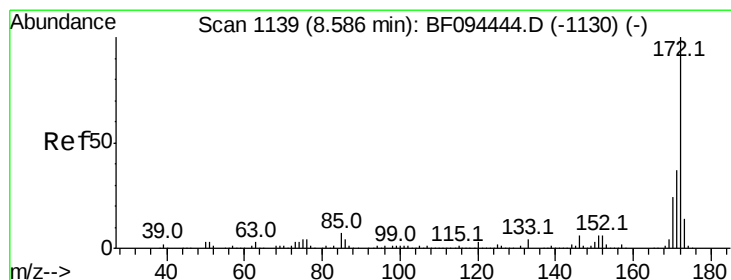
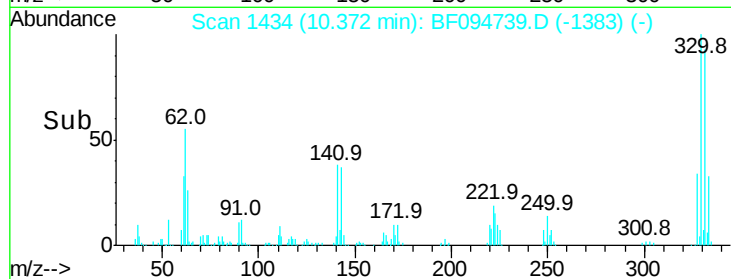
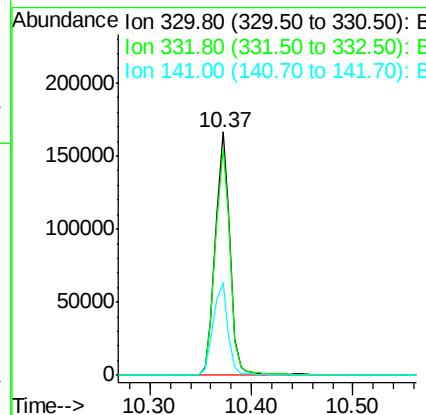
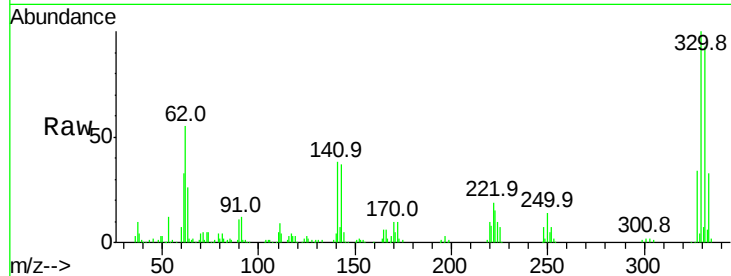




#41
 2,4,6-Tribromophenol
 Concen: 97.58 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

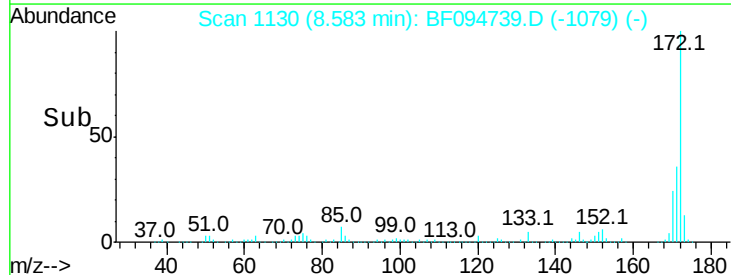
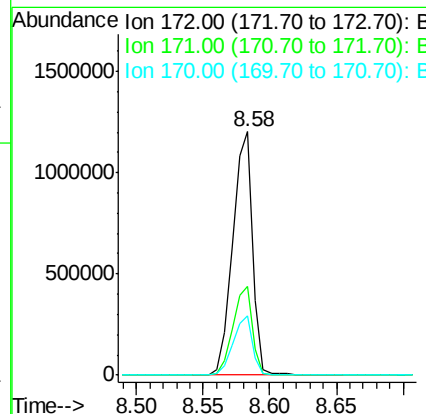
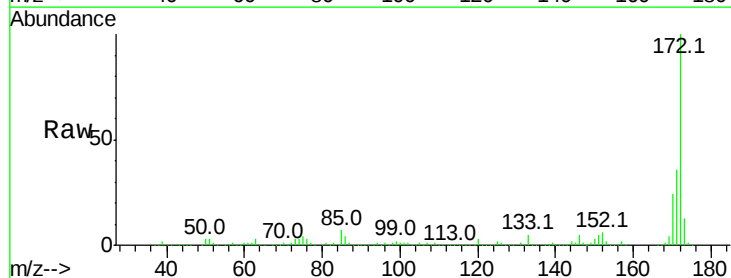
Instrument :
 BNA_F
 ClientSampleId :

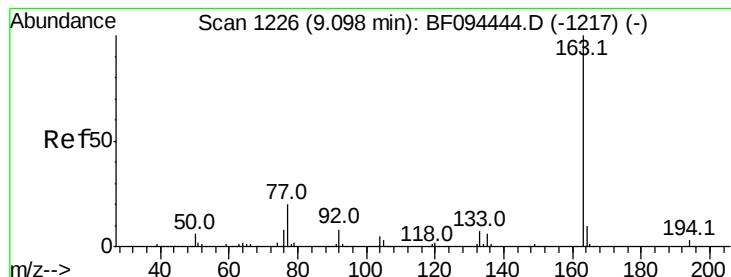
Tot Ion:330 Resp: 169429
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 115.0
 141 38.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Tgt Ion:172 Resp: 1270452
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 2.40 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampled :

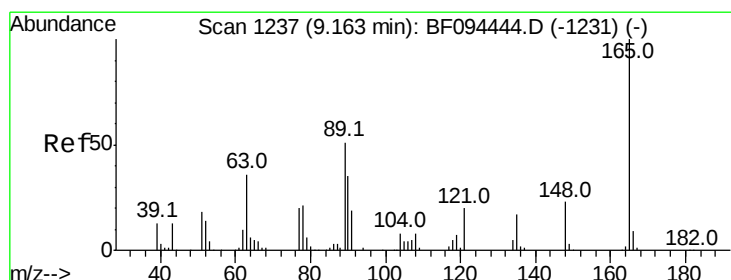
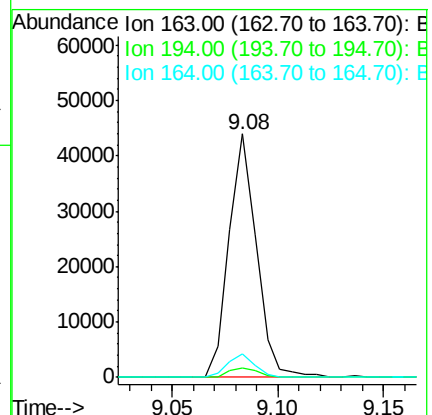
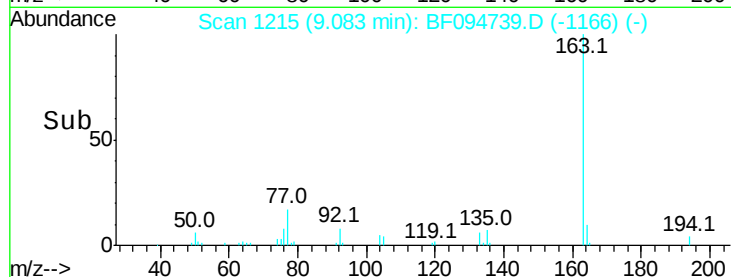
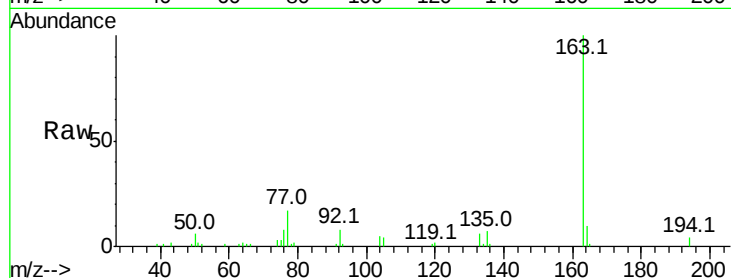
Tot Ion:163 Resp: 39701

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

164 9.5 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.62 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.23 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

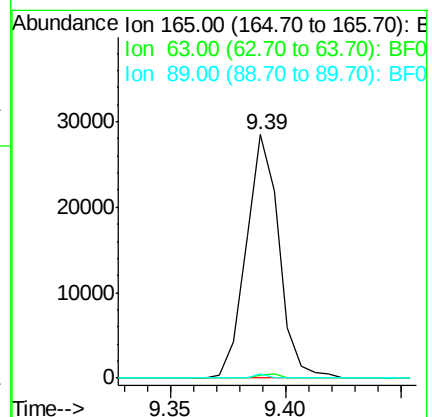
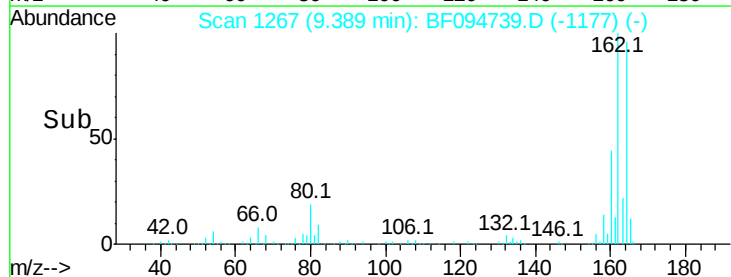
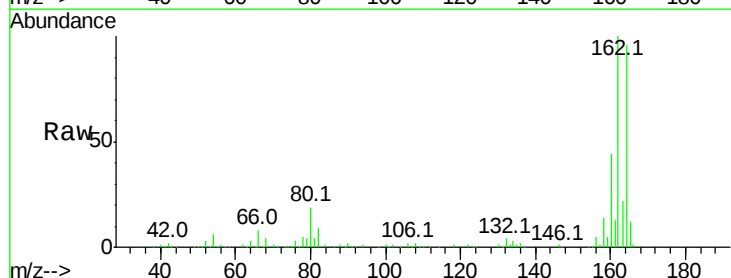
Tgt Ion:165 Resp: 28286

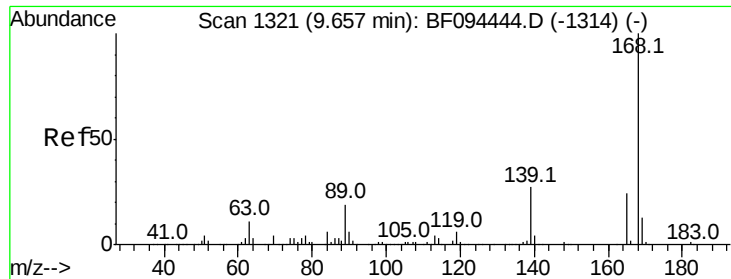
Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

89 1.7 37.1 55.7#

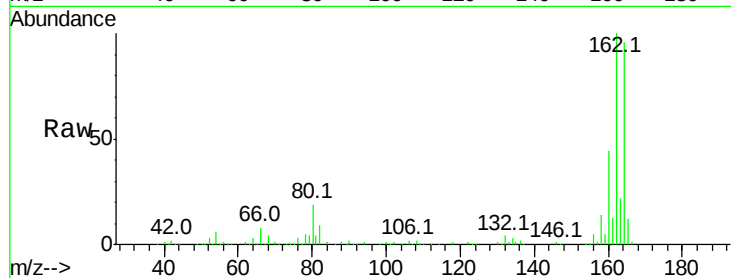




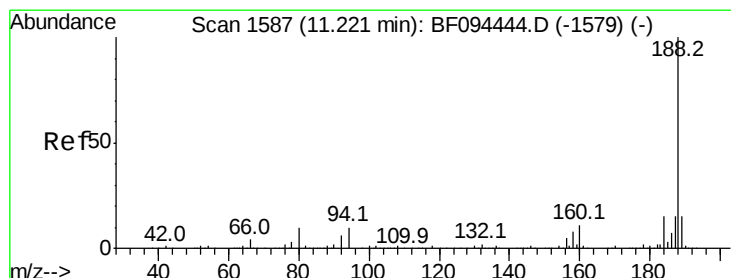
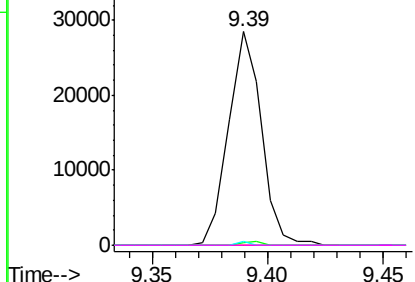
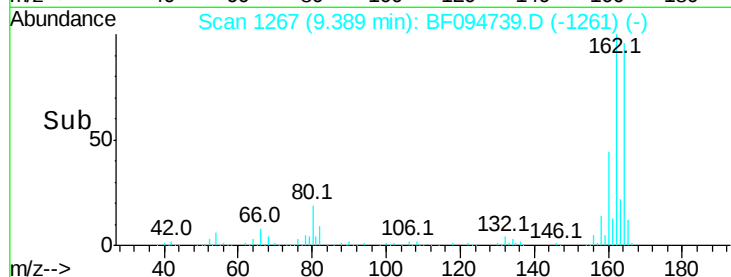
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28286
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

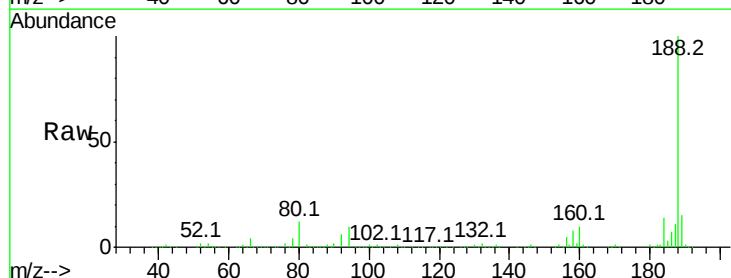


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

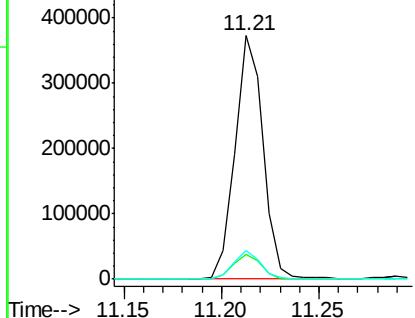
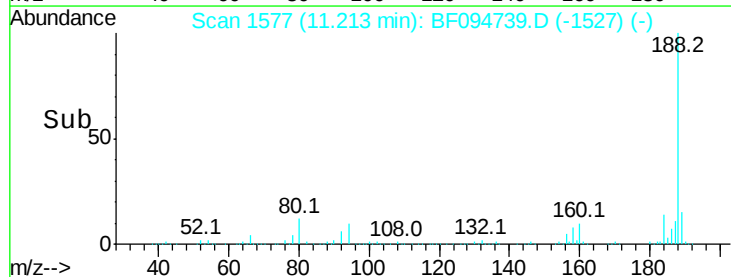


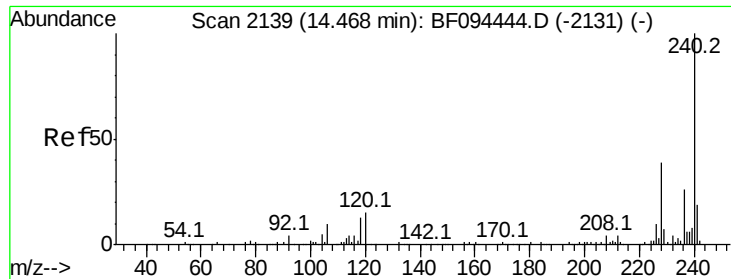
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094739.D
 Acq: 1 May 2017 3:46

Tgt Ion:188 Resp: 371295
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.6 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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

Instrument :

BNA_F

ClientSampleId :

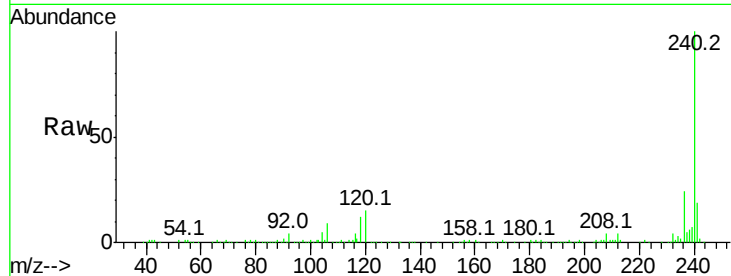
Tot Ion:240 Resp: 250816

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

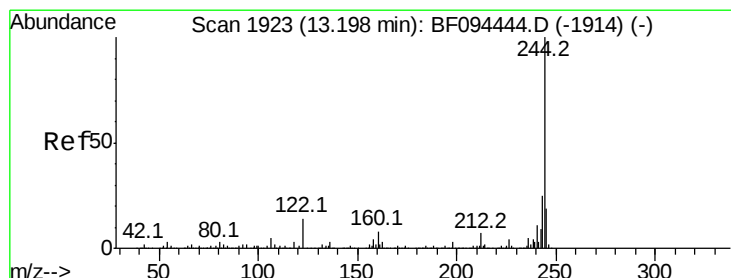
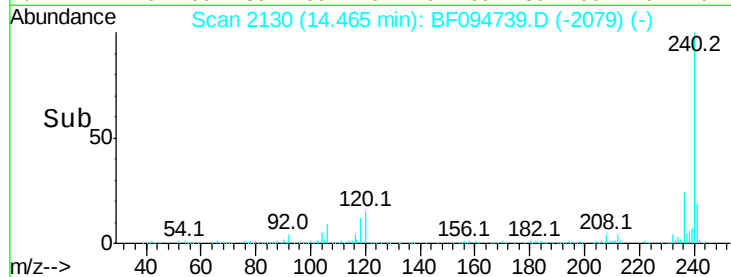
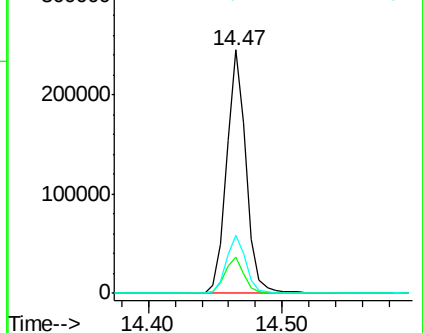
236 24.0 20.5 30.7



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: 103.11 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094739.D

Acq: 1 May 2017 3:46

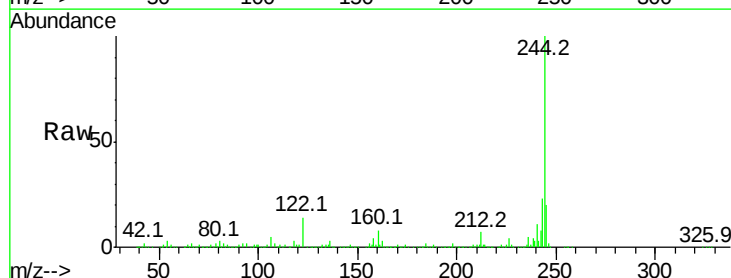
Tgt Ion:244 Resp: 967528

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

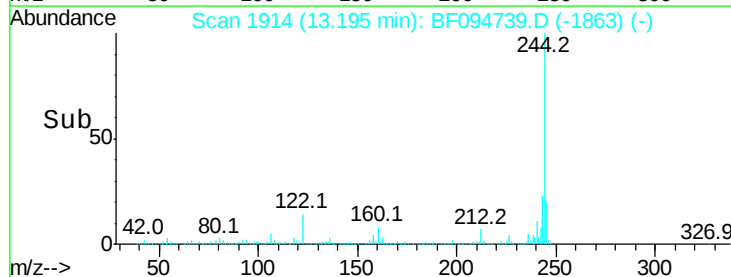
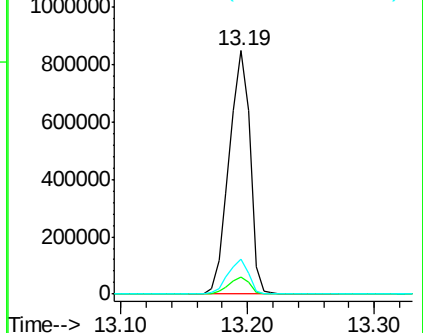
122 14.5 10.3 15.5

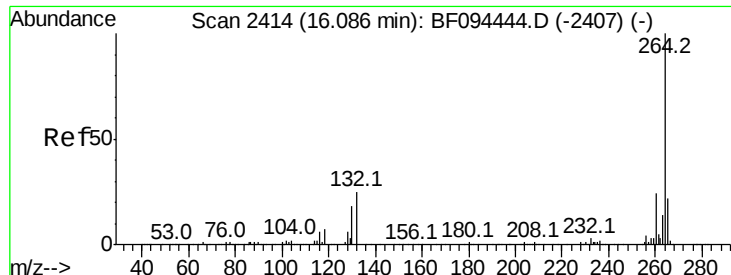


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

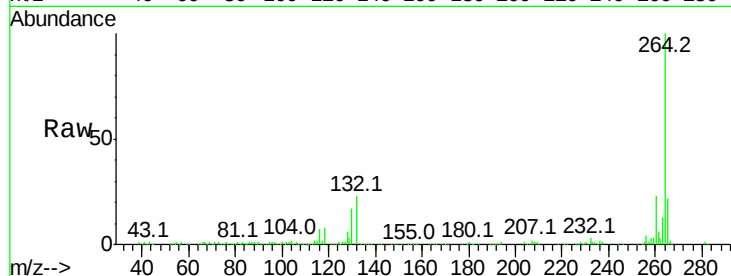




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094739.D
Acq: 1 May 2017 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

