

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094725.D
 Acq On : 30 Apr 2017 20:04
 Operator : SJ/MA
 Sample : I2895-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:23 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

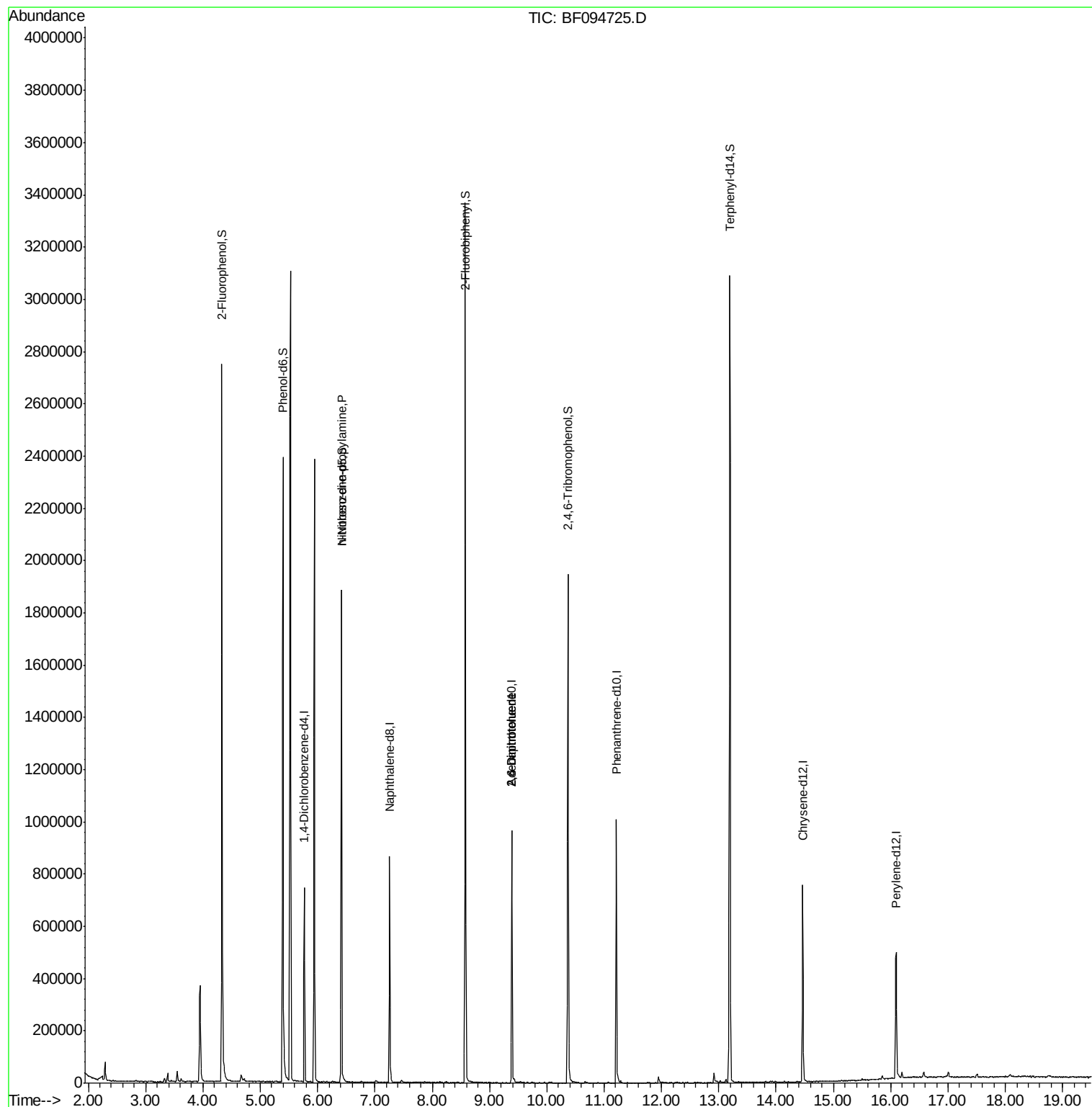
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114170	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	452154	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	219000	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	413146	20.00	ng	0.00
75) Chrysene-d12	14.47	240	310675	20.00	ng	0.00
86) Perylene-d12	16.09	264	214873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	858061	124.69	ng	0.03
7) Phenol-d6	5.40	99	986470	121.60	ng	0.00
23) Nitrobenzene-d5	6.42	82	669345	91.41	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	265615	155.06	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1288656	86.58	ng	0.00
78) Terphenyl-d14	13.19	244	1236688	106.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	85580	15.92	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	27599	7.53	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	27599	6.14	ng	# 33

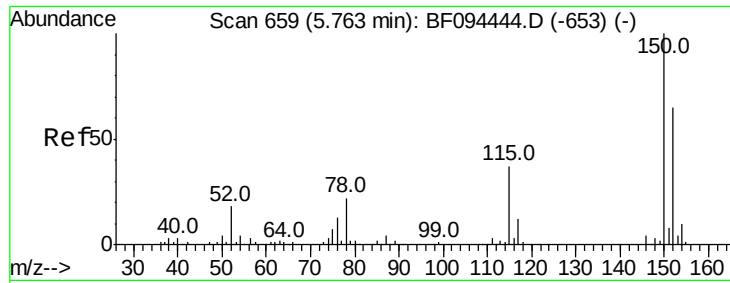
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094725.D
Acq On : 30 Apr 2017 20:04
Operator : SJ/MA
Sample : I2895-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 01:22:23 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



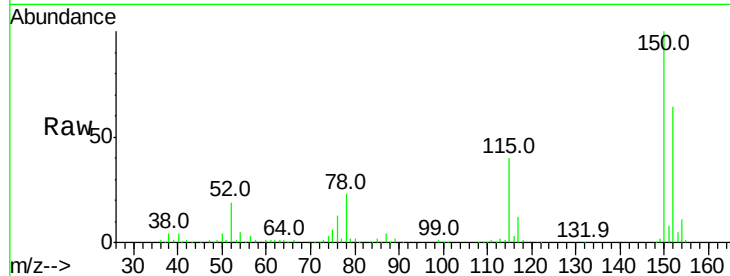


#1

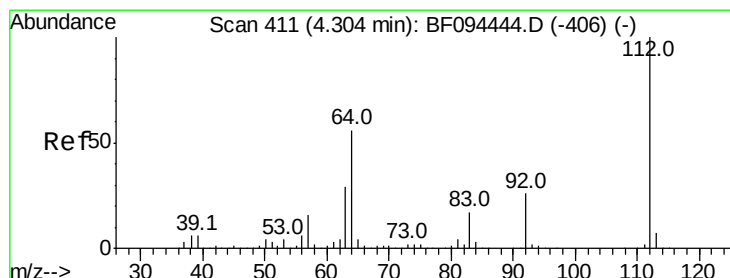
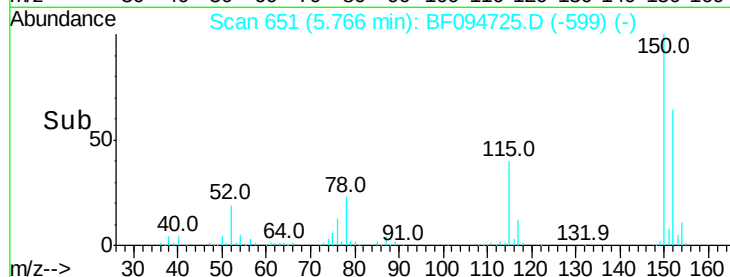
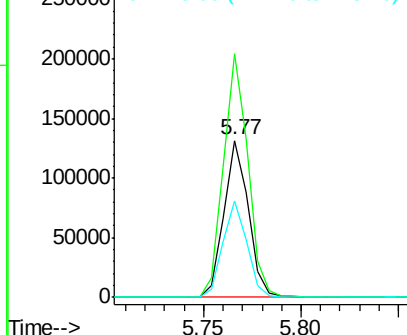
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094725.D
Acq: 30 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114170
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 61.7 52.2 78.2



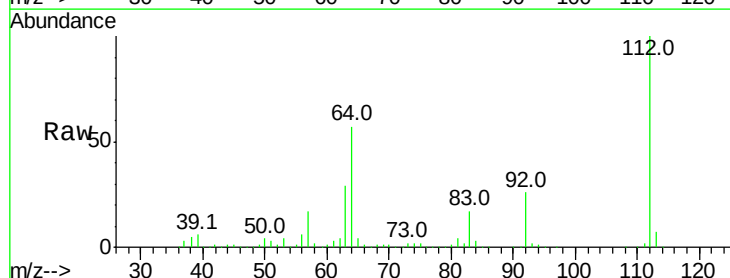
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



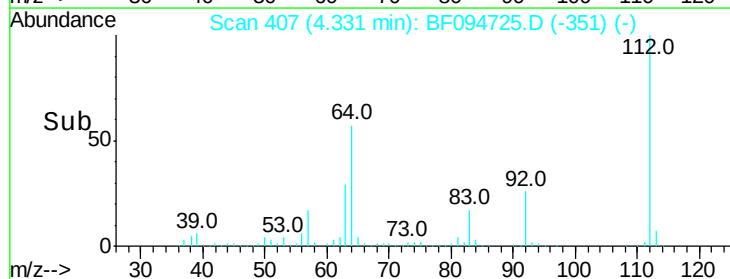
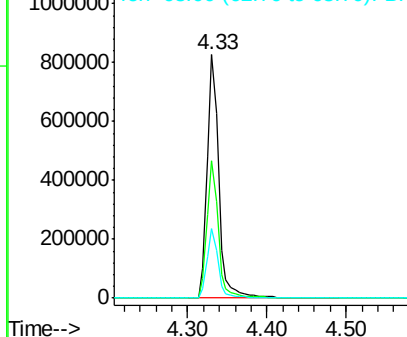
#5

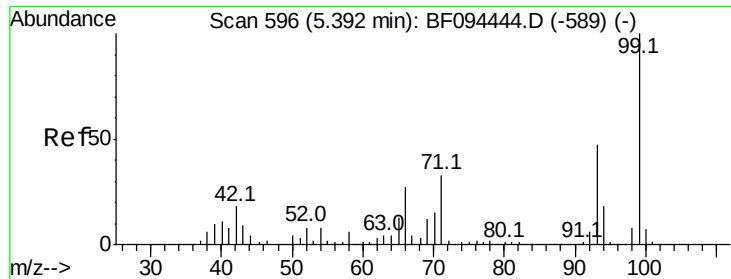
2-Fluorophenol
Concen: 124.69 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094725.D
Acq: 30 Apr 2017 20:04

Tgt Ion:112 Resp: 858061
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 28.6 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: 121.60 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094725.D

Acq: 30 Apr 2017 20:04

Instrument :

BNA_F

ClientSampled :

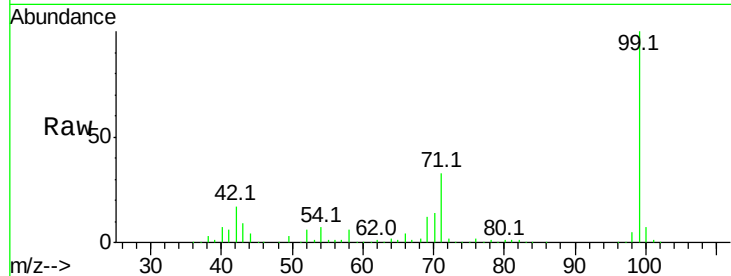
Tot Ion: 99 Resp: 986470

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

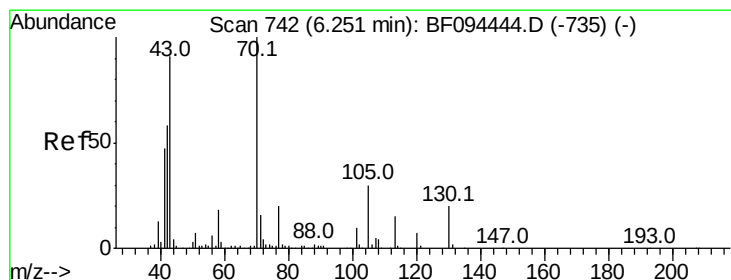
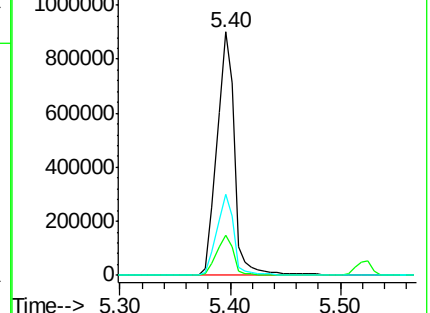
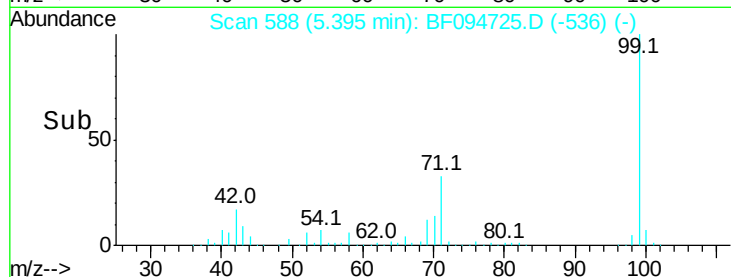
71 33.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.92 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094725.D

Acq: 30 Apr 2017 20:04

Tgt Ion: 70 Resp: 85580

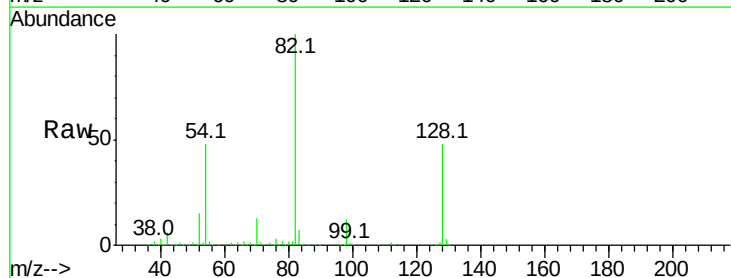
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

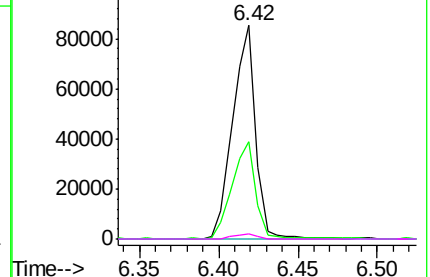
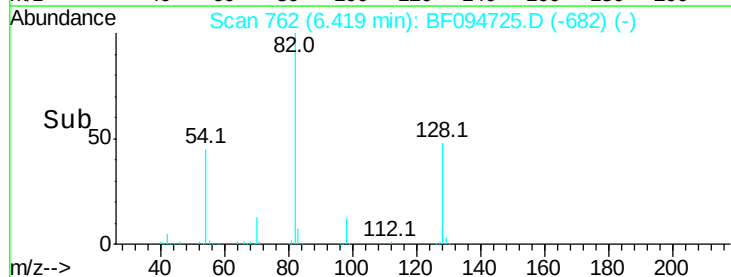


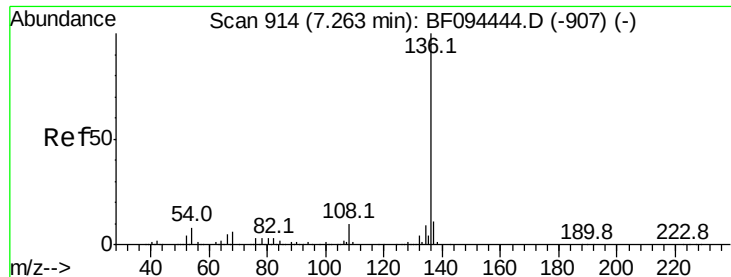
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094725.D

Acq: 30 Apr 2017 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 452154

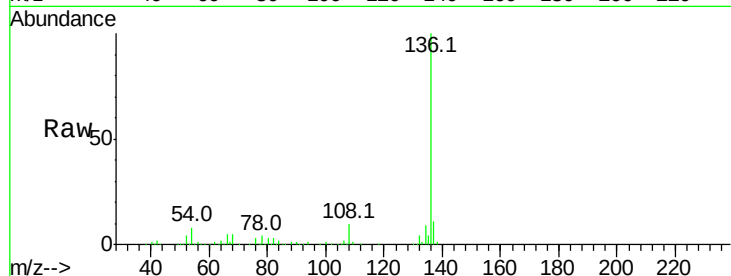
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 5.5 4.1 6.1

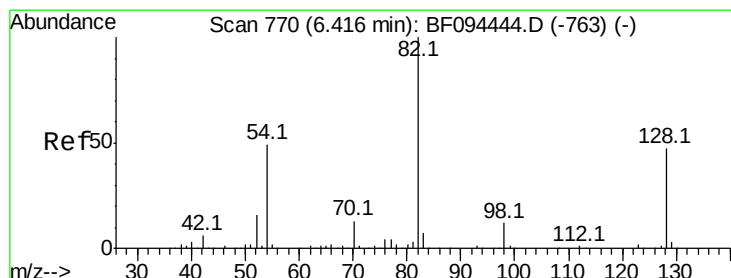
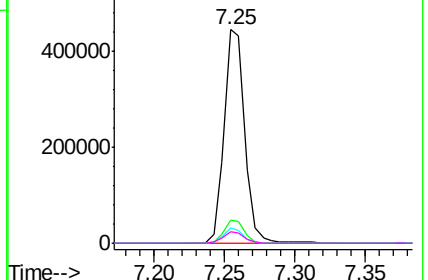
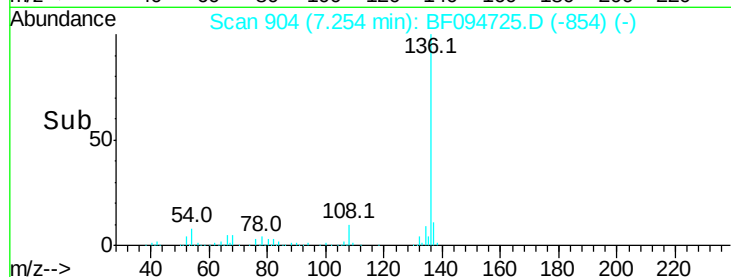


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.41 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094725.D

Acq: 30 Apr 2017 20:04

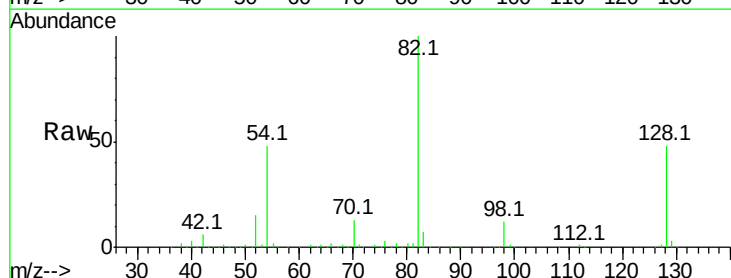
Tgt Ion: 82 Resp: 669345

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

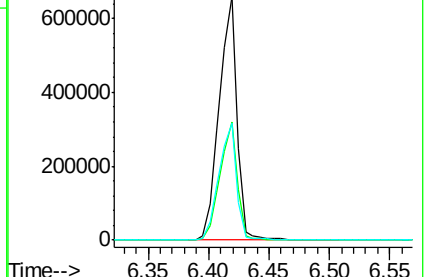
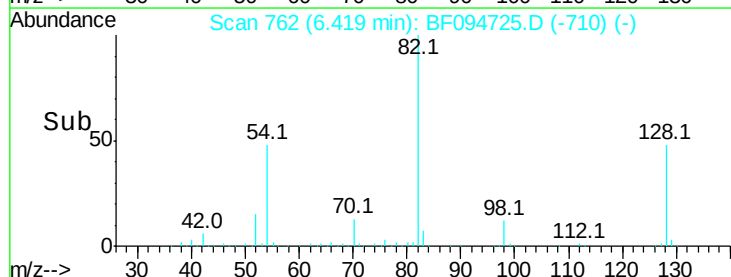
54 48.2 42.2 63.2

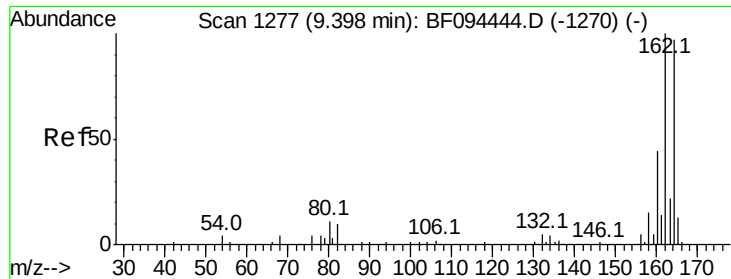


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

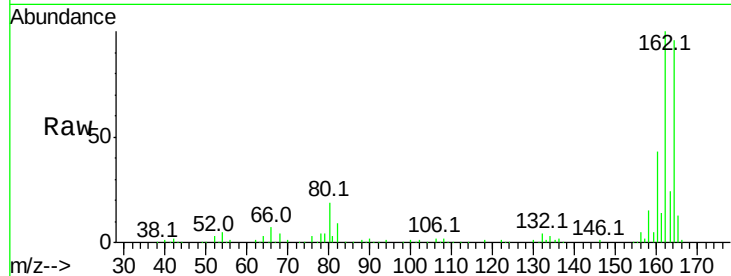




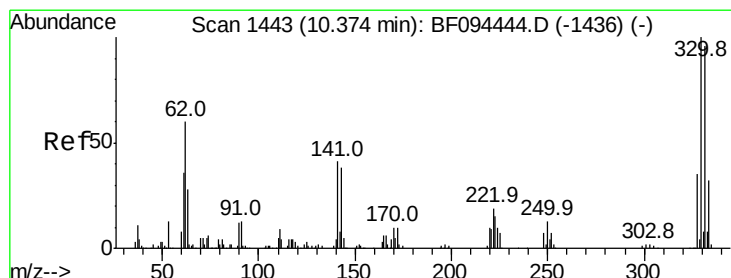
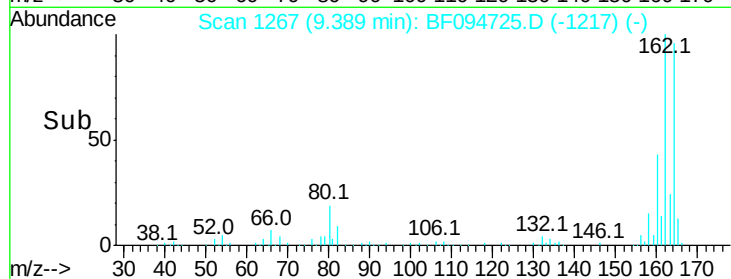
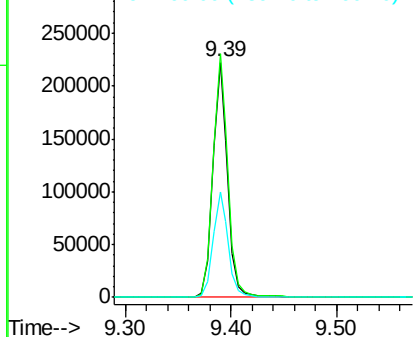
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 219000
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 44.8 36.2 54.2

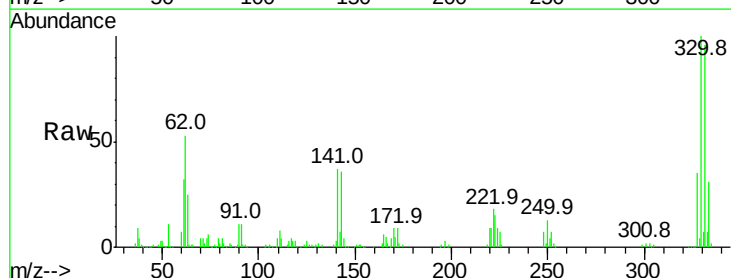


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

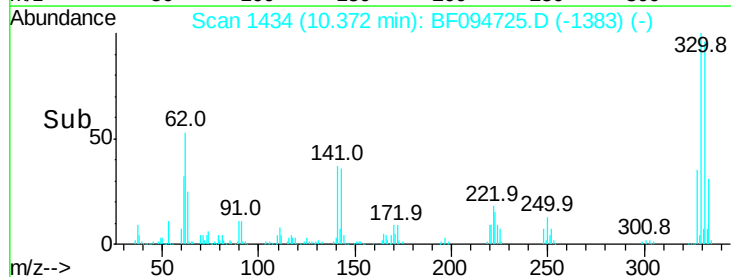
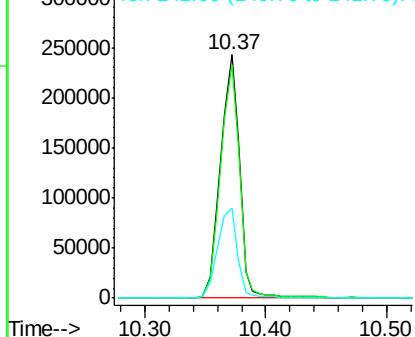


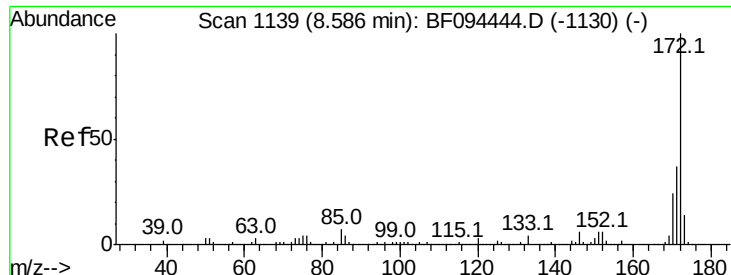
#41
 2,4,6-Tribromophenol
 Concen: 155.06 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

Tgt Ion:330 Resp: 265615
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.6 31.4 47.2



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



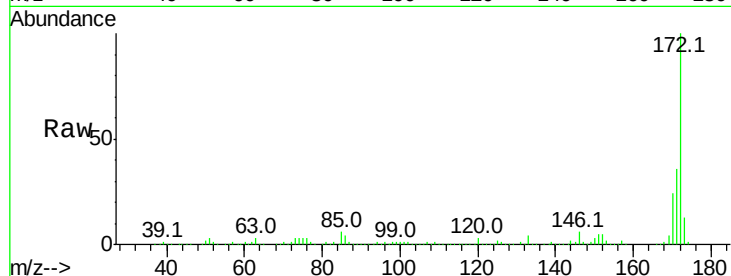


#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

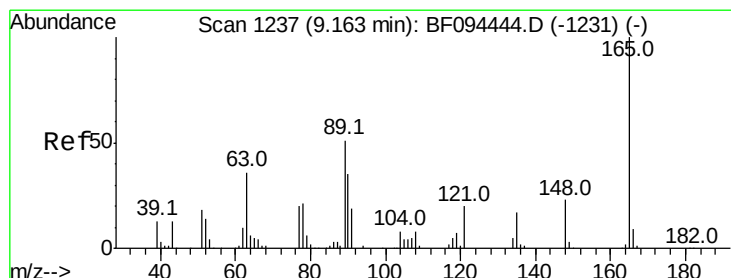
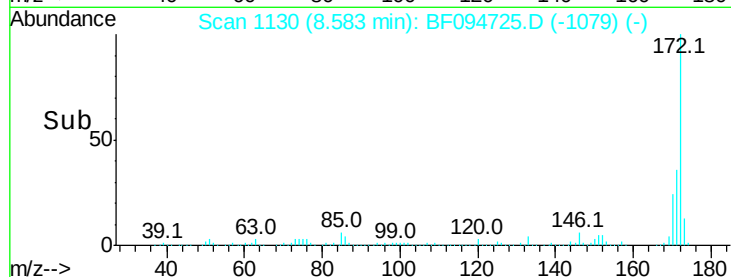
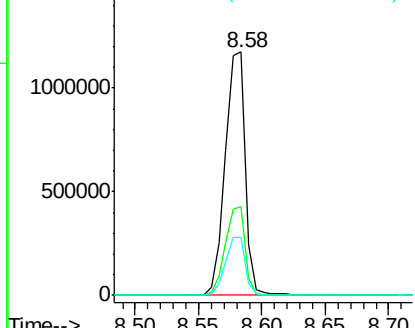
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1288656

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



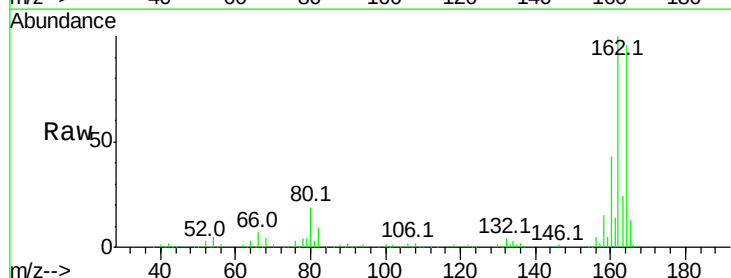
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



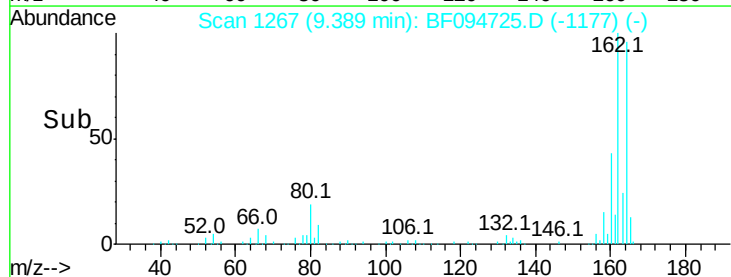
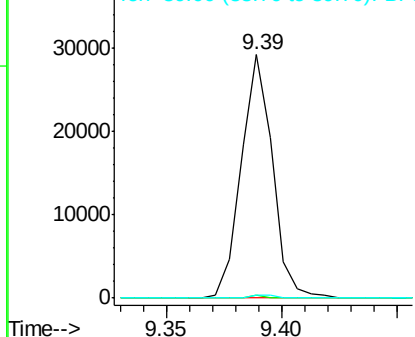
#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

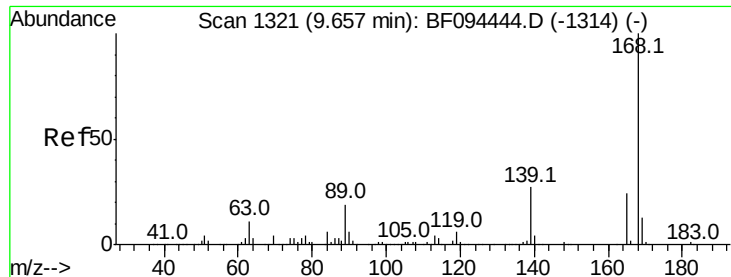
Tgt Ion:165 Resp: 27599

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.2	37.1	55.7#



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

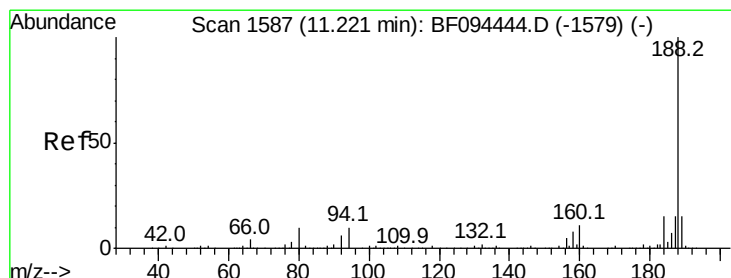
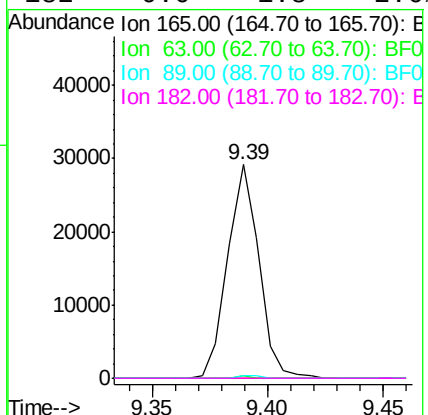
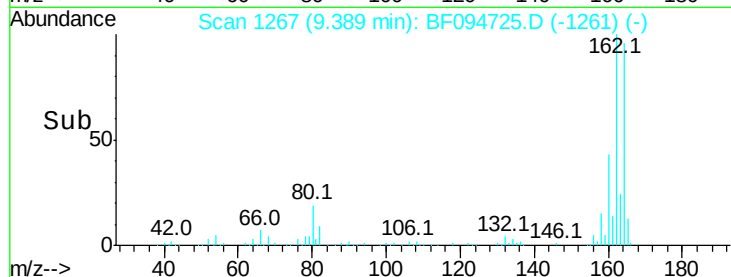
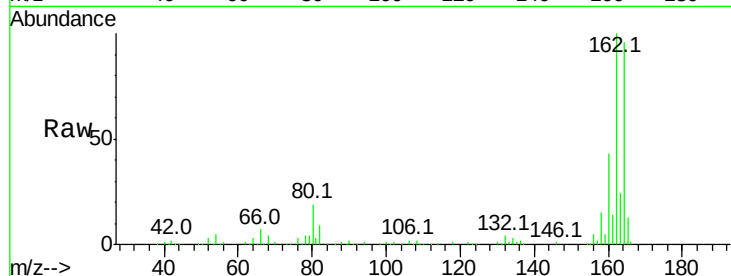




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

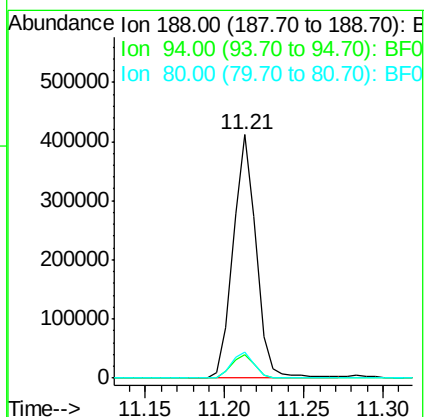
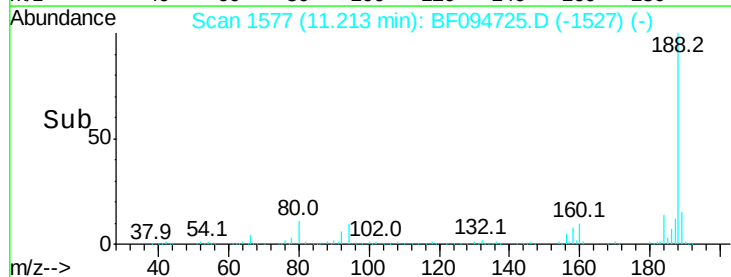
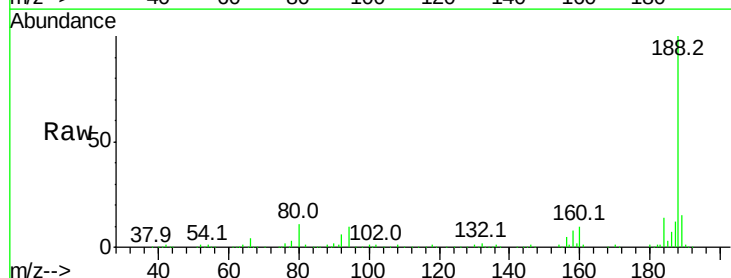
Instrument :
 BNA_F
 ClientSampleId :

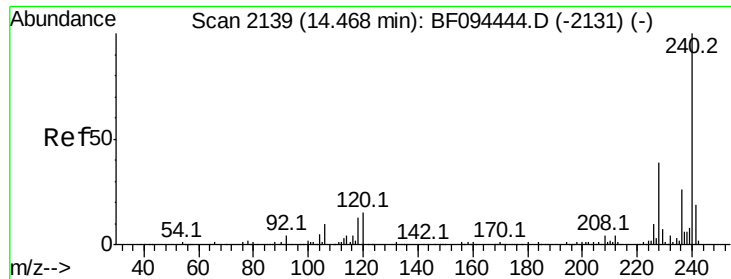
Tot Ion:165 Resp: 27599
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094725.D
 Acq: 30 Apr 2017 20:04

Tgt Ion:188 Resp: 413146
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094725.D

Acq: 30 Apr 2017 20:04

Instrument :

BNA_F

ClientSampleId :

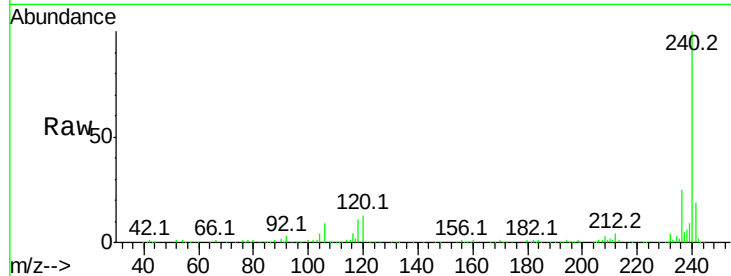
Tot Ion:240 Resp: 310675

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

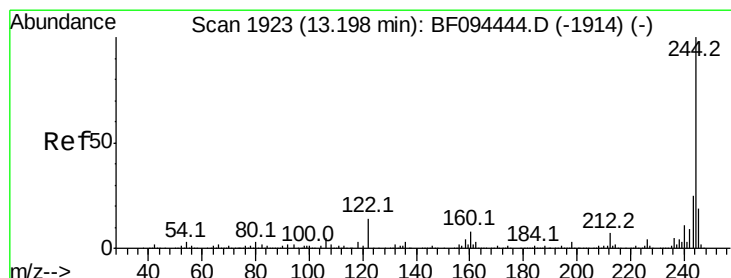
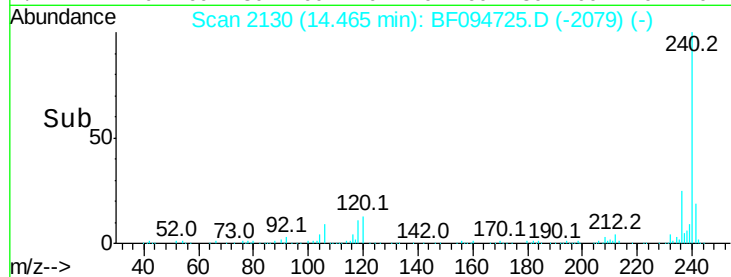
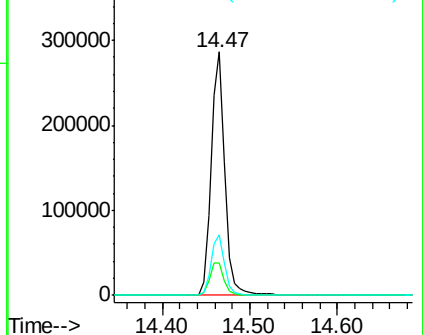
236 24.6 20.5 30.7



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: 106.40 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094725.D

Acq: 30 Apr 2017 20:04

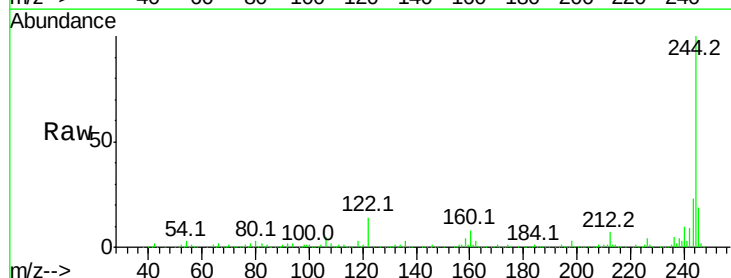
Tgt Ion:244 Resp: 1236688

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

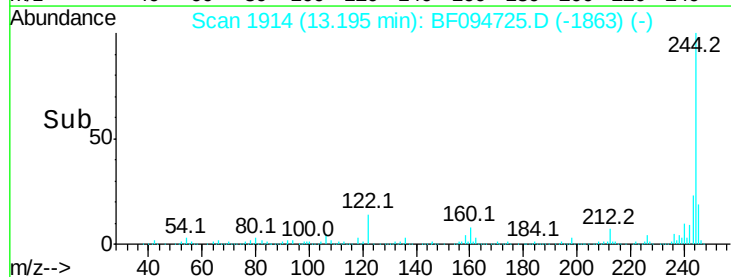
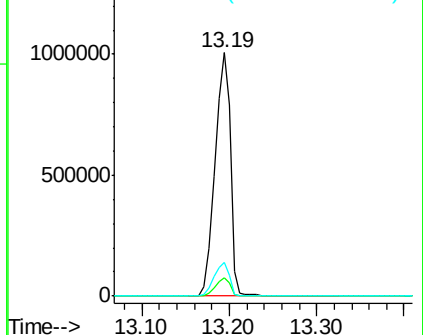
122 13.9 10.3 15.5

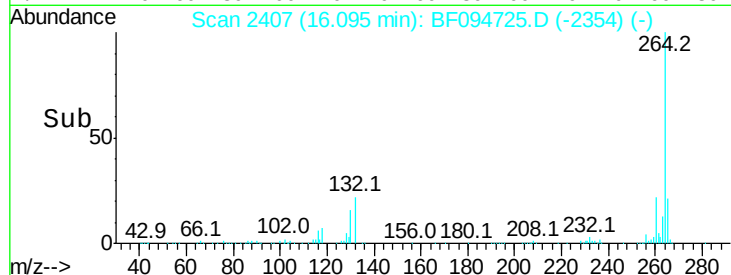
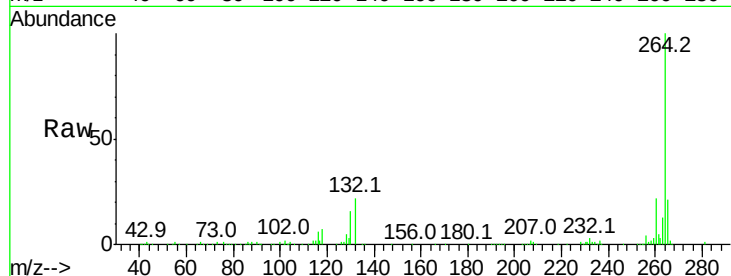
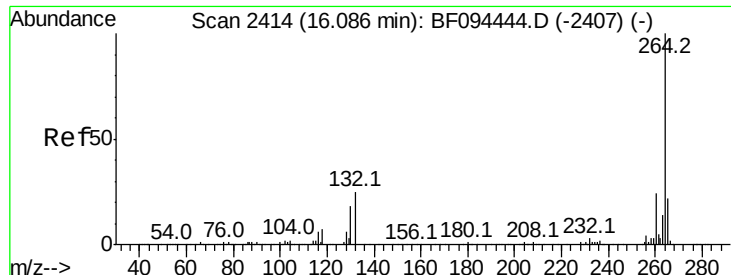


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094725.D
Acq: 30 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	214873
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.5	17.2	25.8

