

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094211.D
 Acq On : 6 Apr 2017 1:19
 Operator : SJ/MA
 Sample : I2522-13 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-7(0-2)

Quant Time: Apr 06 03:09:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

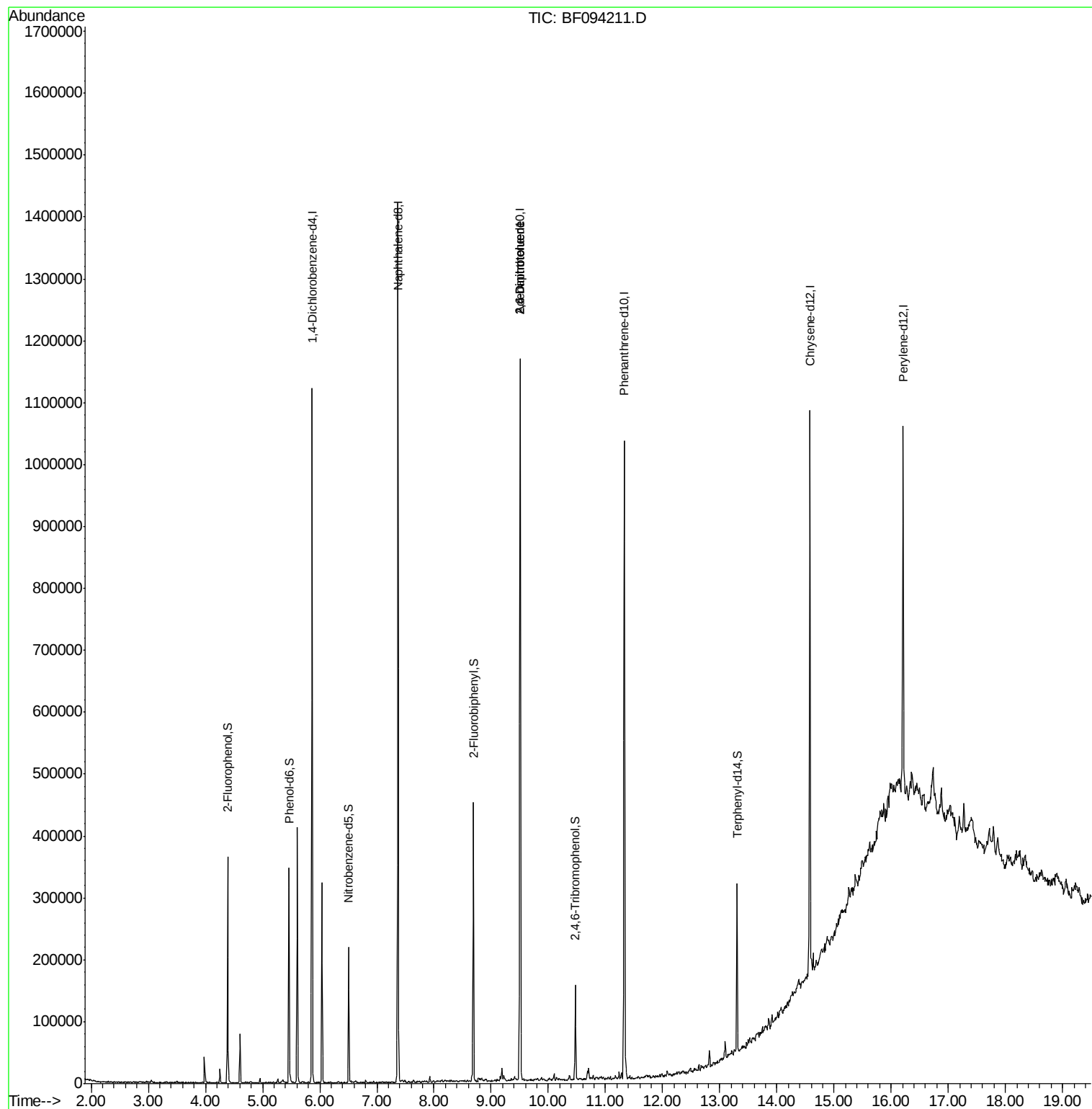
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	175165	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	667116	20.00	ng	-0.04
38) Acenaphthene-d10	9.50	164	269781	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	400950	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	334853	20.00	ng	-0.05
86) Perylene-d12	16.21	264	235657	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	101010	9.74	ng	-0.05
7) Phenol-d6	5.46	99	126003	9.82	ng	-0.05
23) Nitrobenzene-d5	6.50	82	68959	5.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	16023	7.52	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	136700	7.73	ng	-0.05
78) Terphenyl-d14	13.30	244	81026	5.42	ng	-0.05
Target Compounds						
50) 2,6-Dinitrotoluene	9.50	165	35731	8.13	ng	# 33
56) 2,4-Dinitrotoluene	9.50	165	35732	6.47	ng	# 32

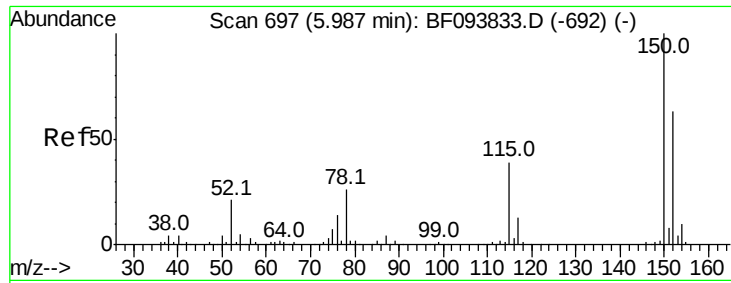
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

Instrument :

BNA_F

ClientSampleId :

BASING-7(0-2)

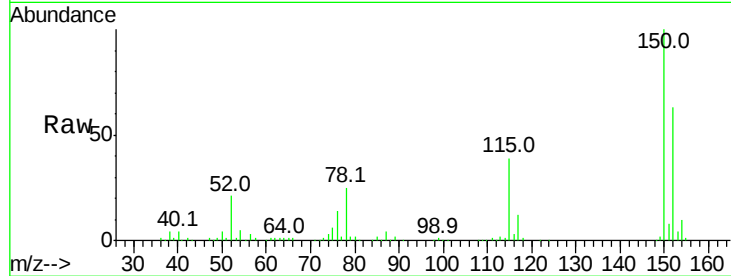
Tot Ion:152 Resp: 175165

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

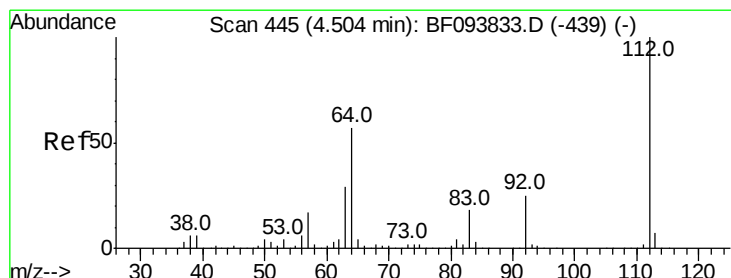
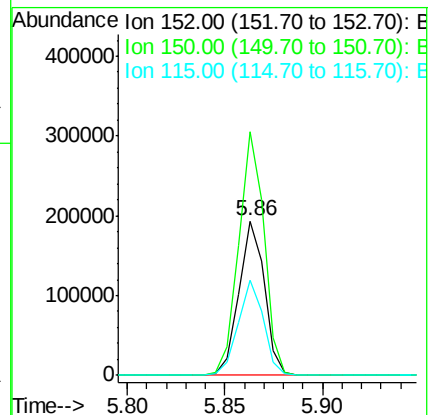
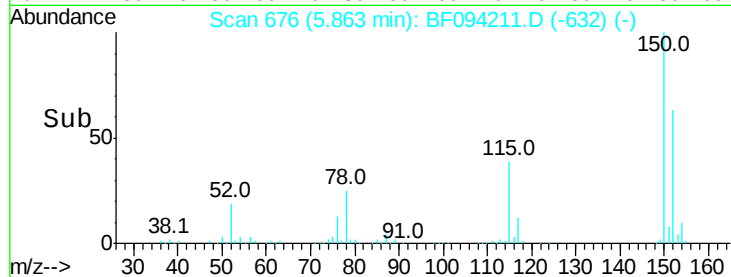
115 61.5 52.2 78.2



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: 9.74 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

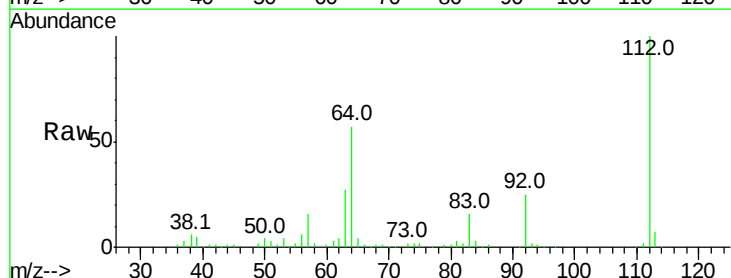
Tgt Ion:112 Resp: 101010

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

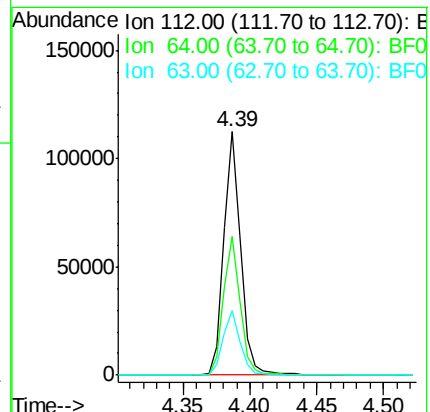
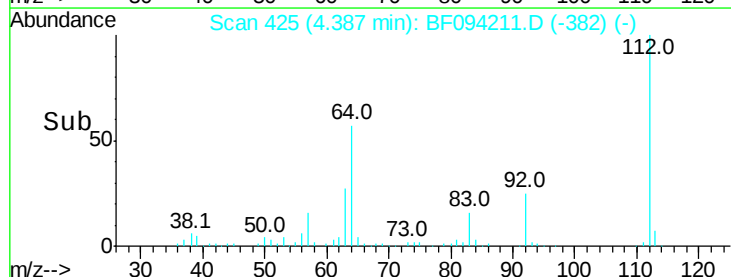
63 26.6 23.4 35.0

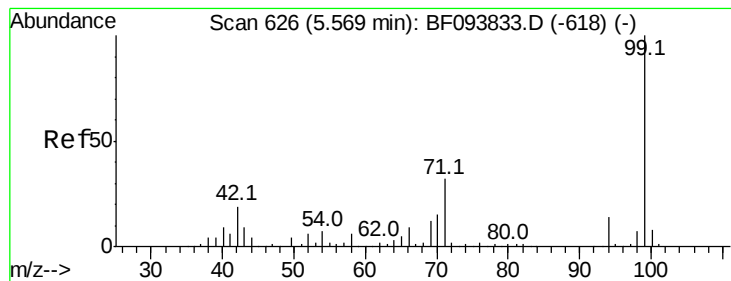


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.82 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

Instrument :

BNA_F

ClientSampleId :

BASING-7(0-2)

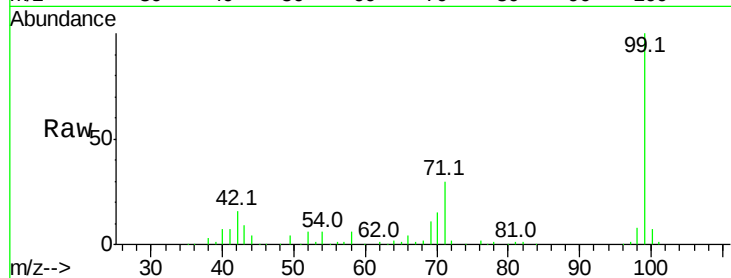
Tot Ion: 99 Resp: 126003

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

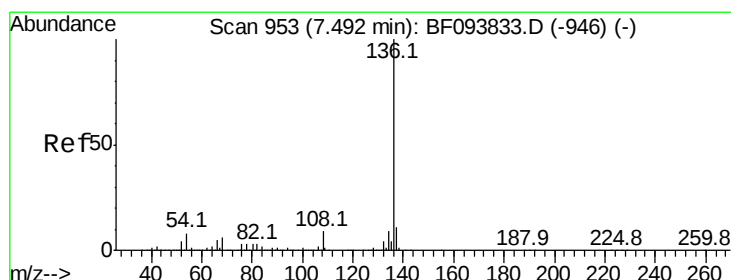
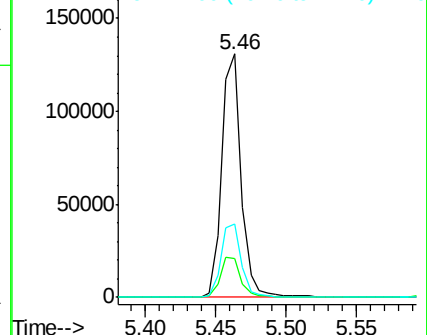
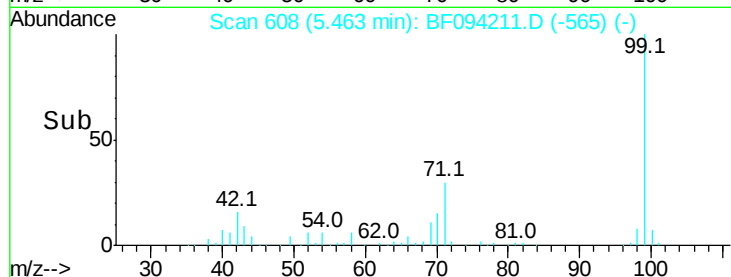
71 30.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

Tgt Ion: 136 Resp: 667116

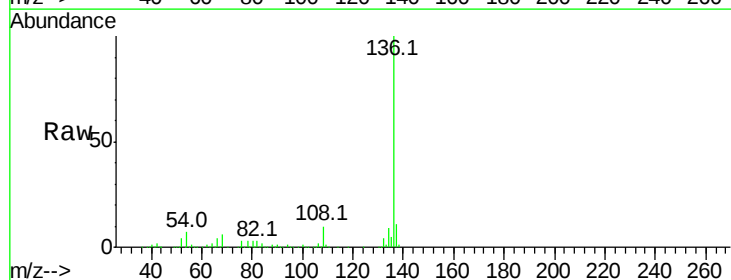
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

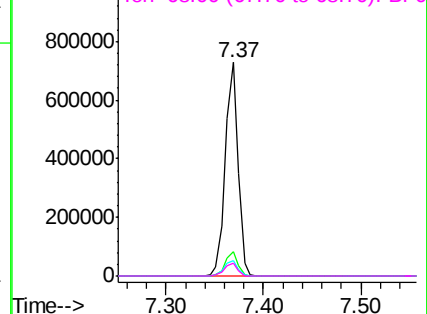
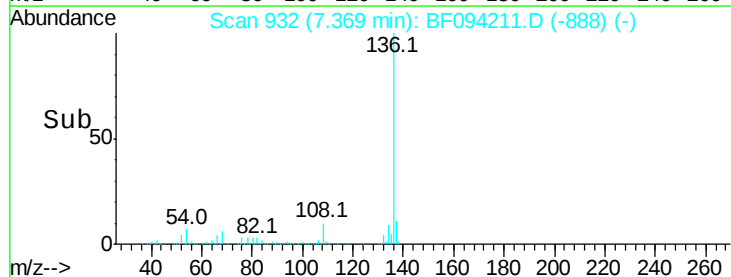


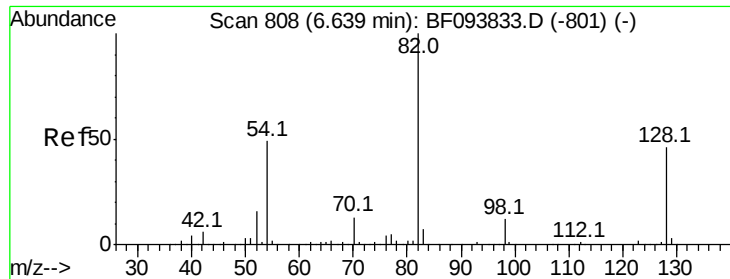
Abundance Ion 136.00 (135.70 to 136.70): E

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

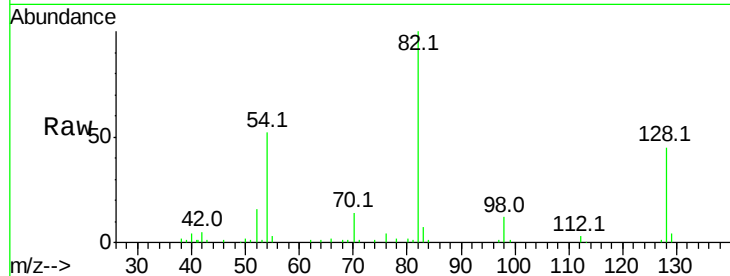




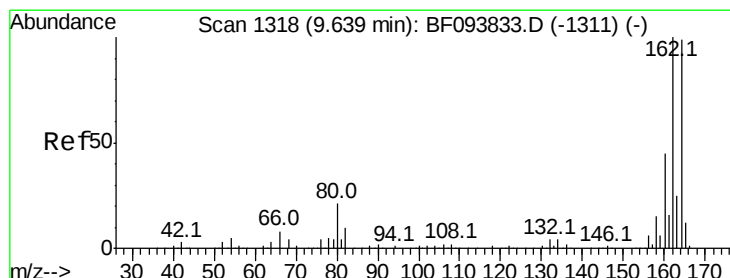
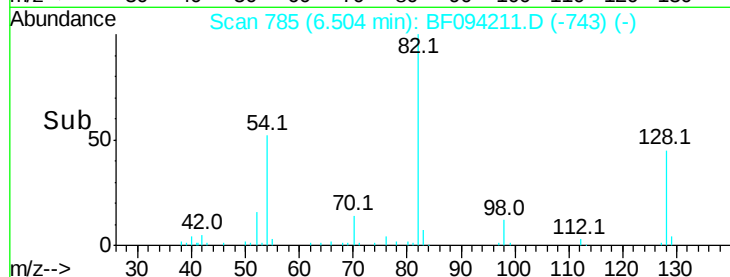
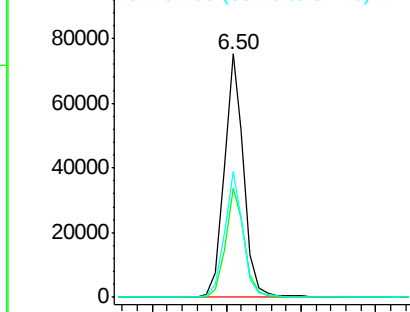
#23
 Nitrobenzene-d5
 Concen: 5.90 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 BASING-7(0-2)

Tot Ion	82	Resp	68959
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.0	51.0
54	51.6	42.2	63.2

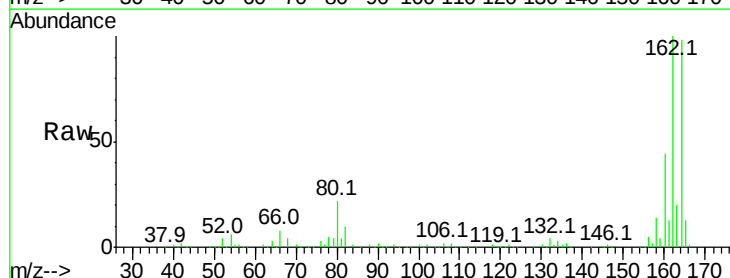


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

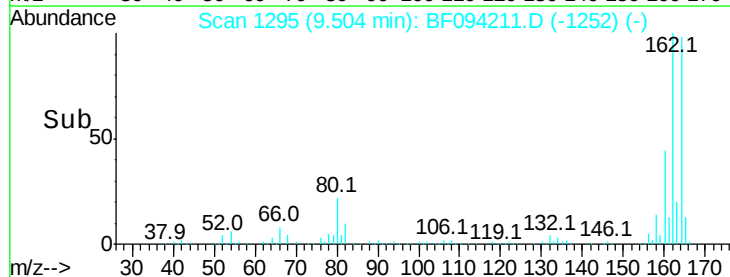
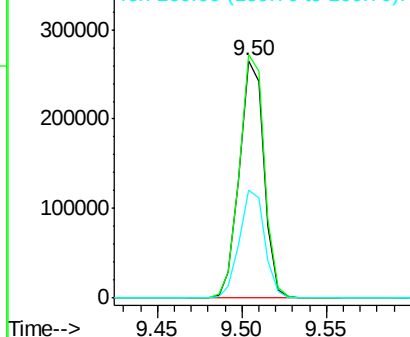


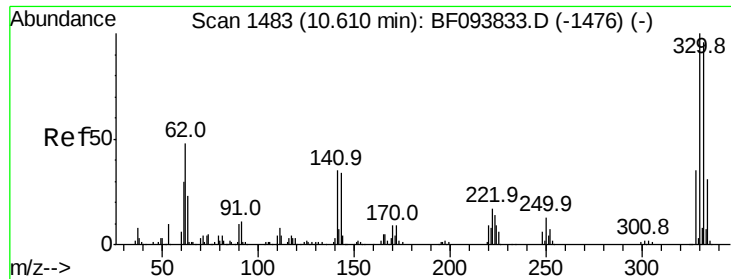
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Tgt Ion	164	Resp	269781
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	45.3	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

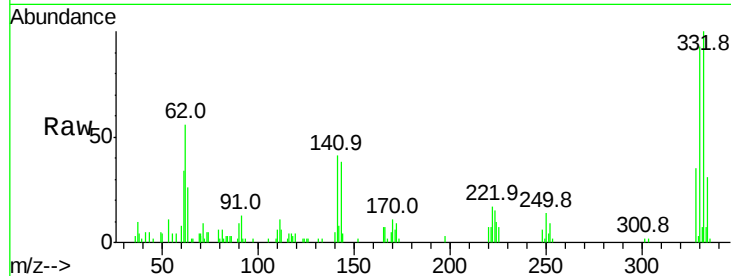




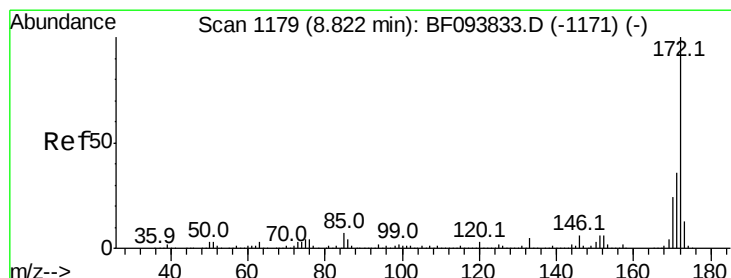
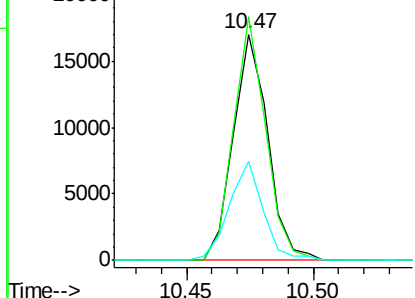
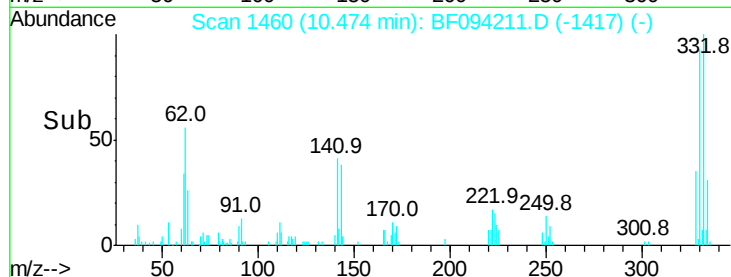
#41
 2,4,6-Tribromophenol
 Concen: 7.52 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 BASING-7(0-2)

Tot Ion:330 Resp: 16023
 Ion Ratio Lower Upper
 330 100
 332 100.6 76.6 115.0
 141 43.5 31.4 47.2

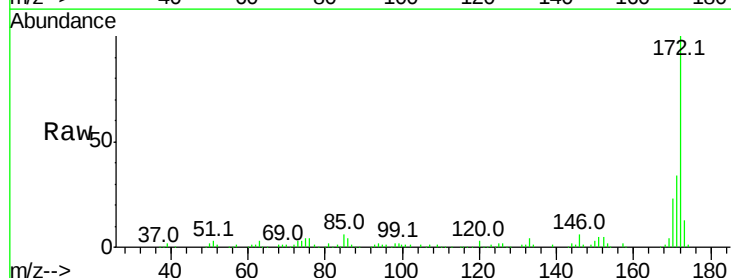


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

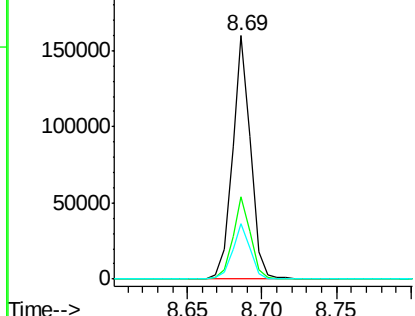
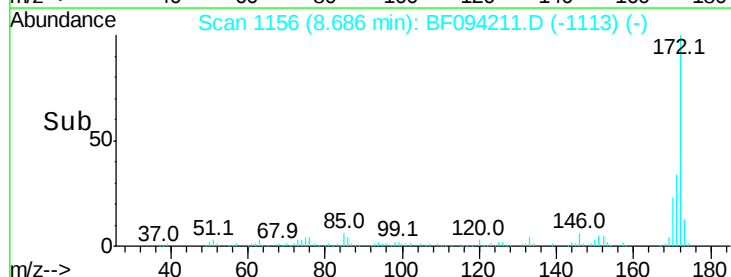


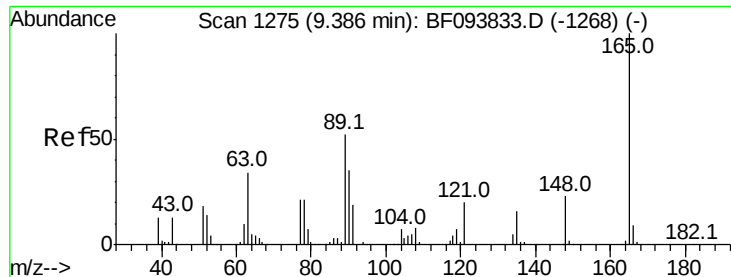
#44
 2-Fluorobiphenyl
 Concen: 7.73 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Tgt Ion:172 Resp: 136700
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 22.5 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: 8.13 ng

RT: 9.50 min Scan# 1295

Delta R.T. 0.20 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

Instrument :

BNA_F

ClientSampleId :

BASING-7(0-2)

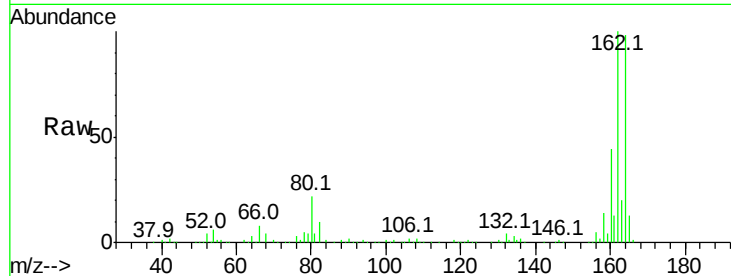
Tot Ion:165 Resp: 35731

Ion Ratio Lower Upper

165 100

63 1.0 34.3 51.5#

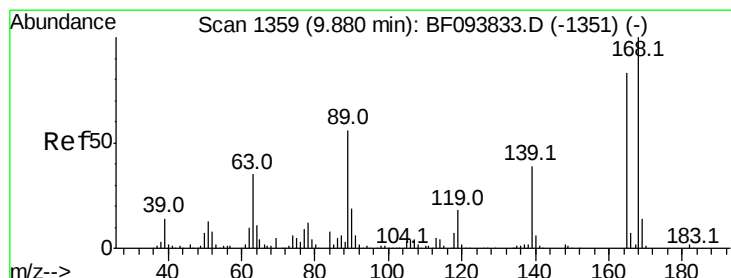
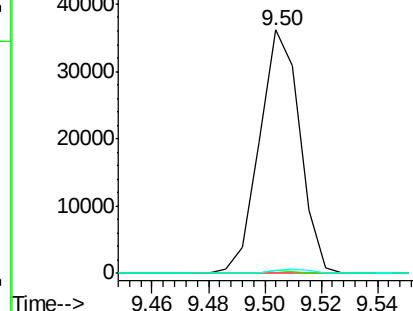
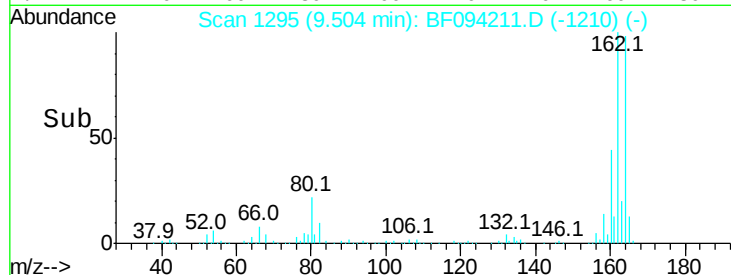
89 1.1 37.1 55.7#



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: 6.47 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.29 min

Lab File: BF094211.D

Acq: 6 Apr 2017 1:19

Tgt Ion:165 Resp: 35732

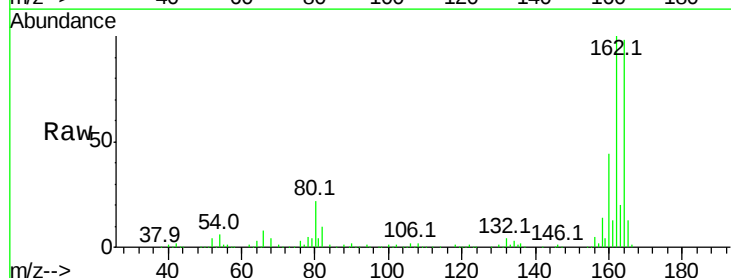
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

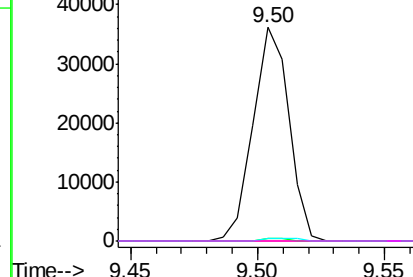
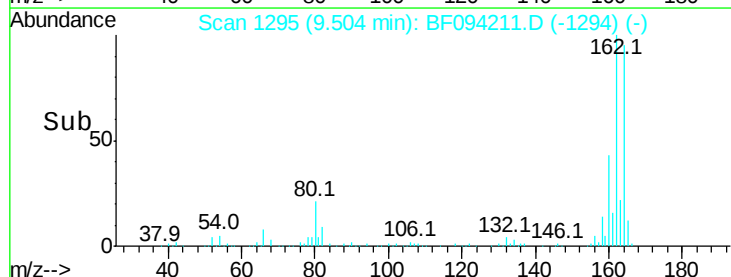


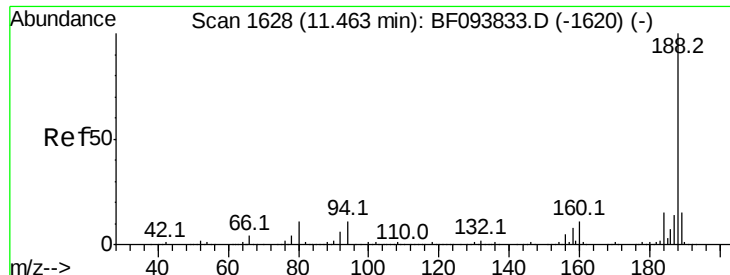
Abundance Ion 165.00 (164.70 to 165.70): E

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

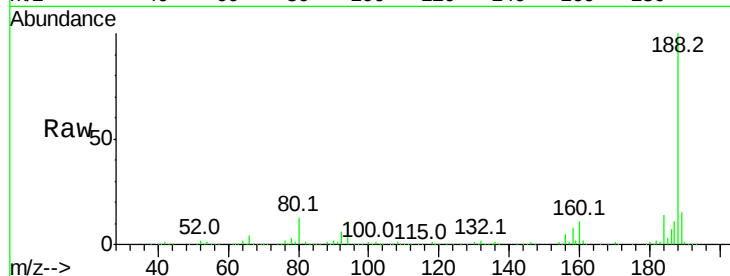




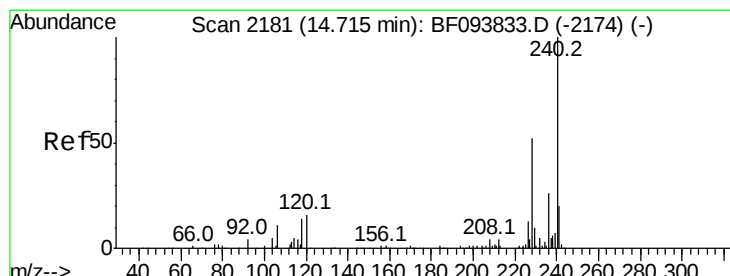
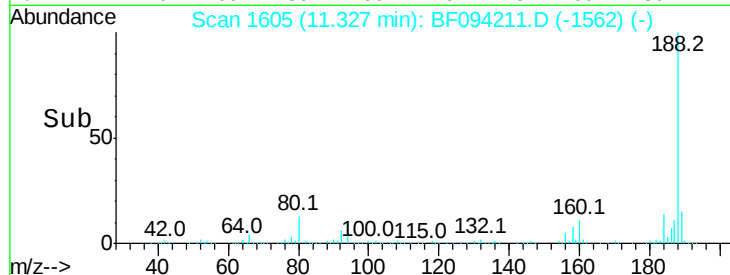
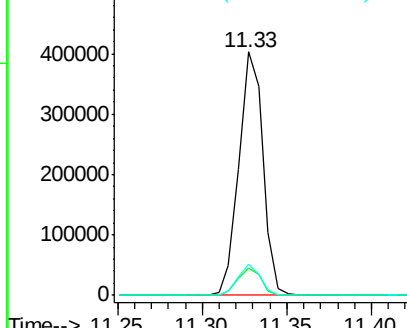
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 BASING-7(0-2)

Tot Ion:188 Resp: 400950
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 12.6 10.2 15.2

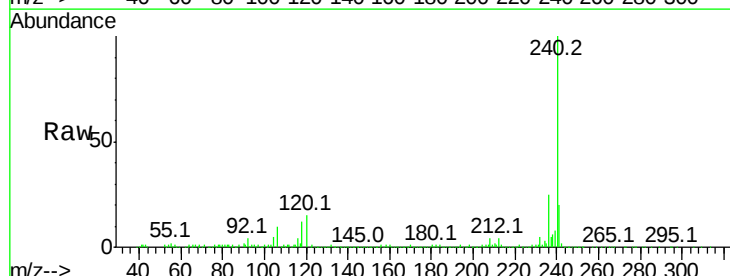


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

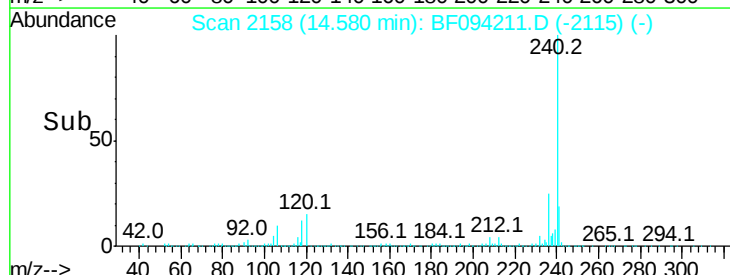
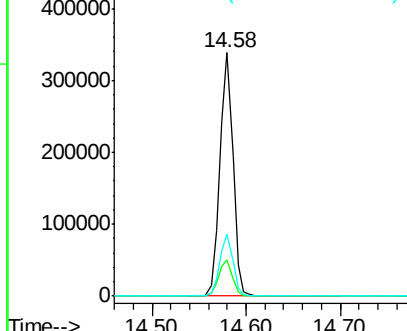


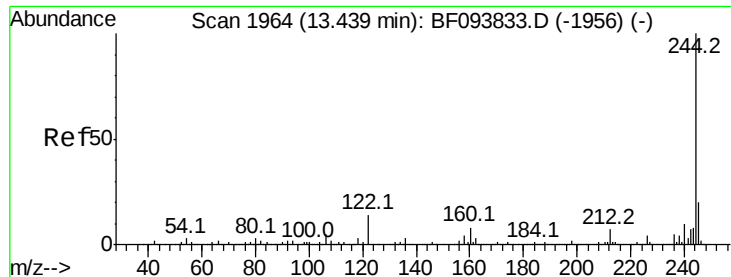
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.58 min Scan# 2158
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Tgt Ion:240 Resp: 334853
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.5 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

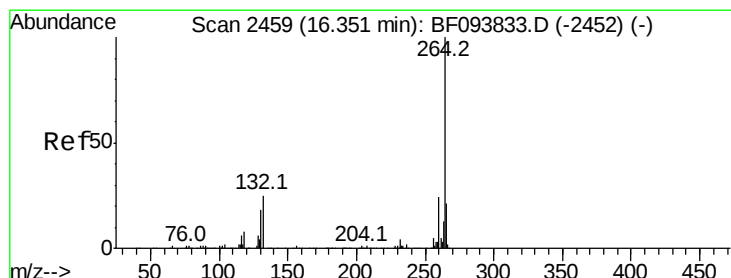
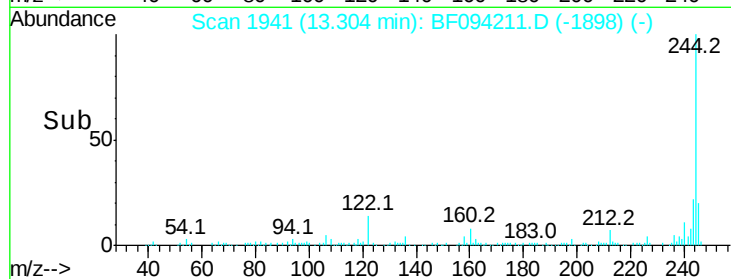
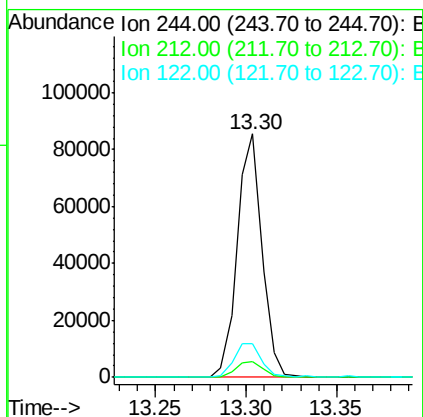
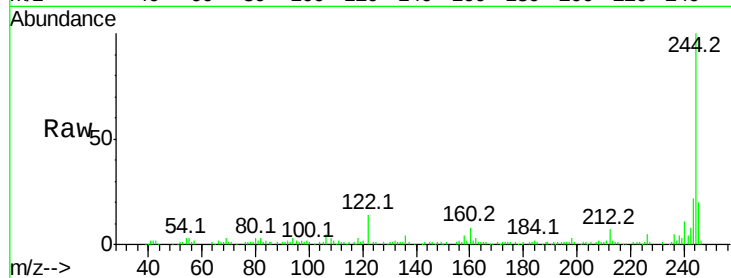




#78
 Terphenyl-d14
 Concen: 5.42 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 BASING-7(0-2)

Tot Ion:244 Resp: 81026
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. -0.04 min
 Lab File: BF094211.D
 Acq: 6 Apr 2017 1:19

Tgt Ion:264 Resp: 235657
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 22.4 17.2 25.8

