

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094249.D
 Acq On : 7 Apr 2017 3:15
 Operator : SJ/MA
 Sample : I2574-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

Quant Time: Apr 07 04:13:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

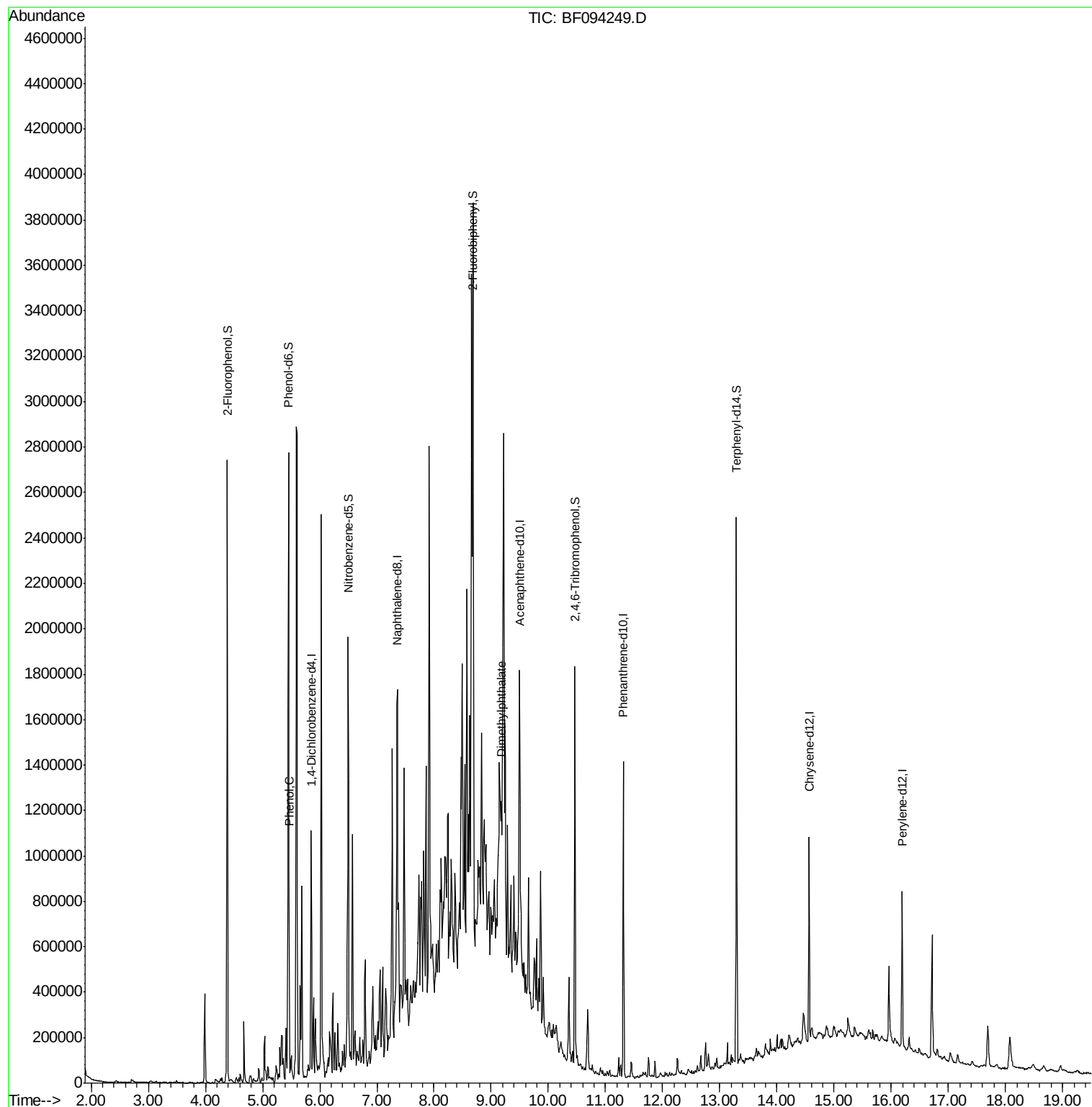
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	161554	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	655307	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	294464	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	525283	20.00	ng	0.00
75) Chrysene-d12	14.56	240	346963	20.00	ng	-0.01
86) Perylene-d12	16.19	264	265039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	875691	91.55	ng	0.00
7) Phenol-d6	5.46	99	1135737	95.98	ng	0.00
23) Nitrobenzene-d5	6.50	82	698168	60.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	232886	100.08	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1169317	60.57	ng	0.00
78) Terphenyl-d14	13.29	244	897603	57.99	ng	0.00
Target Compounds						
10) Phenol	5.47	94	74279	5.52	ng	Qvalue 87
49) Dimethylphthalate	9.17	163	250010	11.94	ng	# 99

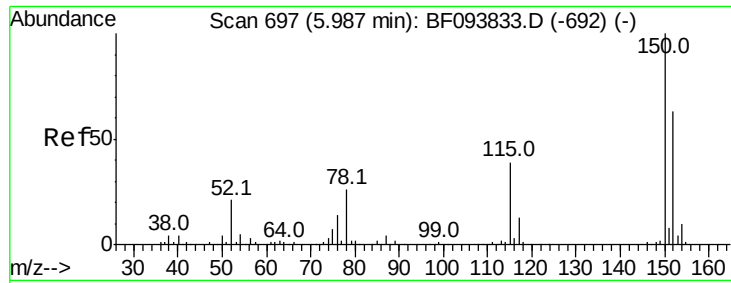
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 06 13:20:29 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

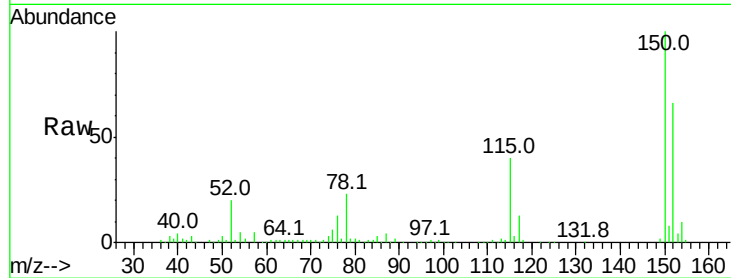
Tot Ion:152 Resp: 161554

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

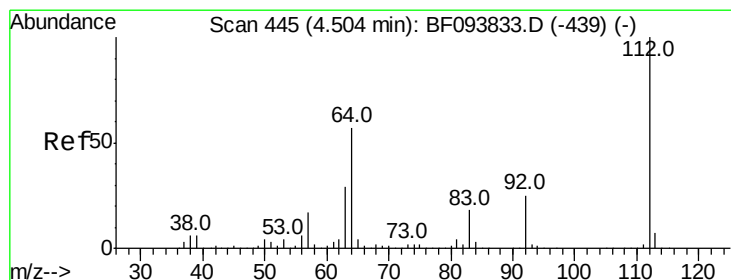
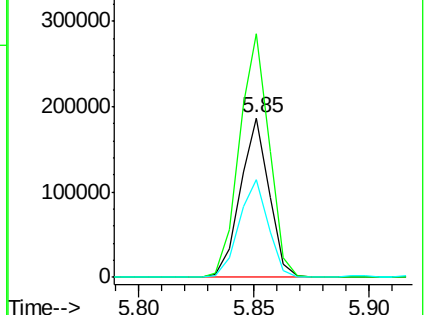
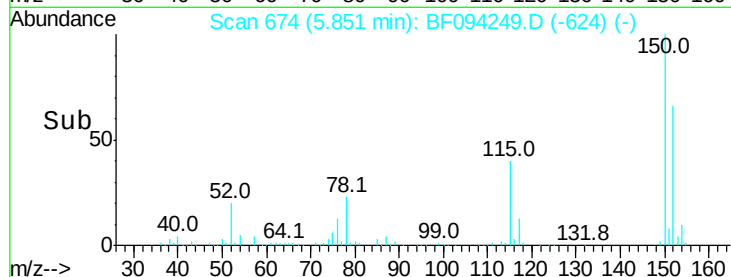
115 61.2 52.2 78.2



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: 91.55 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

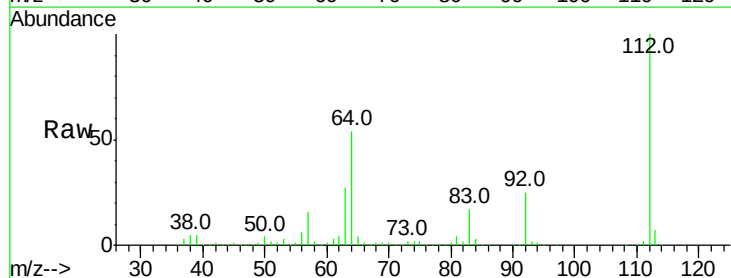
Tgt Ion:112 Resp: 875691

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

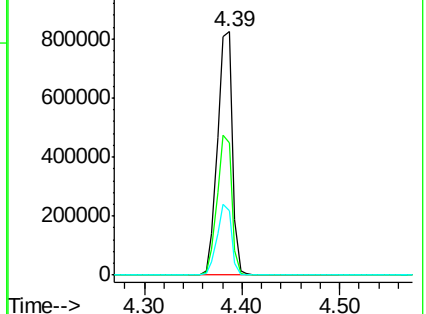
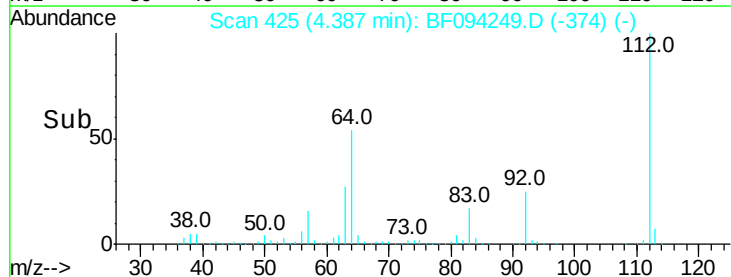
63 26.6 23.4 35.0

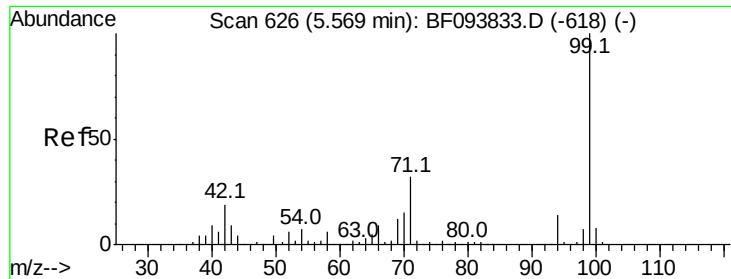


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.98 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

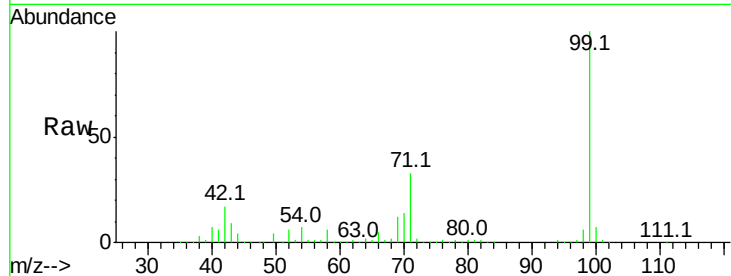
Tot Ion: 99 Resp: 1135737

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.7	24.5	36.7

99 100

42 17.5 13.5 20.3

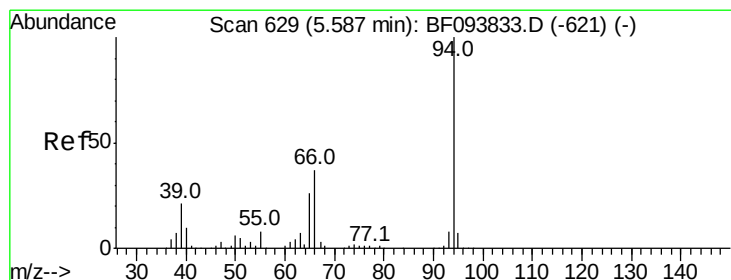
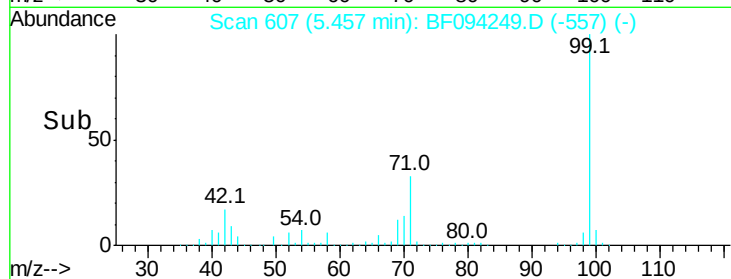
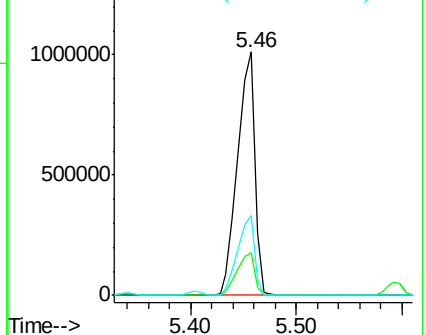
71 32.7 24.5 36.7



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: 5.52 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

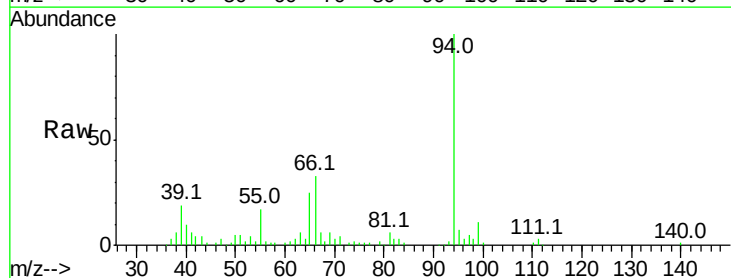
Tgt Ion: 94 Resp: 74279

Ion	Ratio	Lower	Upper
94	100		
65	25.5	9.9	49.9
66	32.7	23.1	63.1

94 100

65 25.5 9.9 49.9

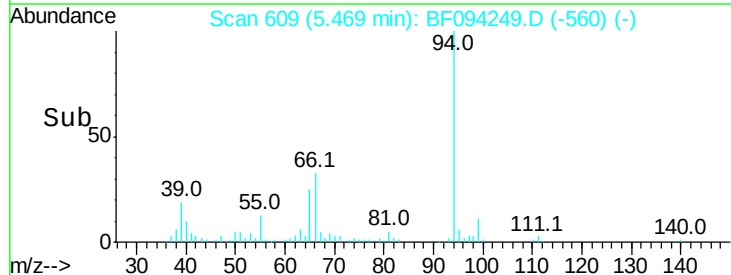
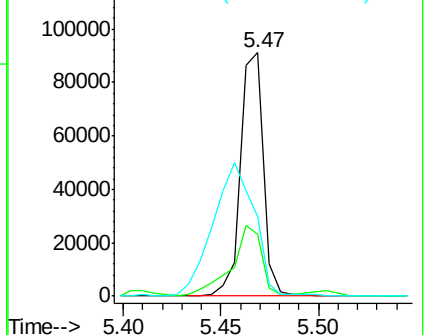
66 32.7 23.1 63.1

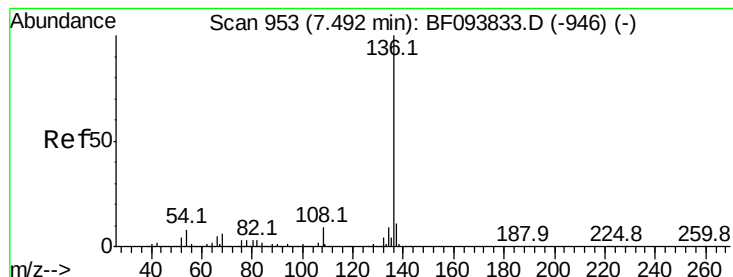


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

Tot Ion:136 Resp: 655307

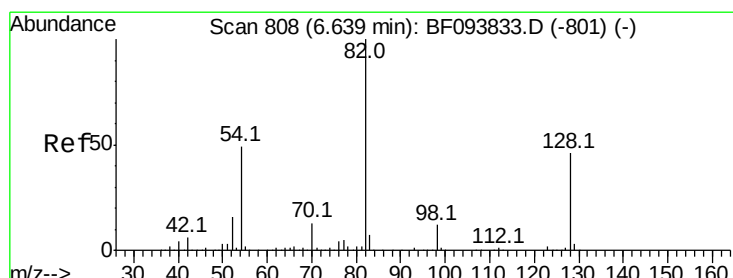
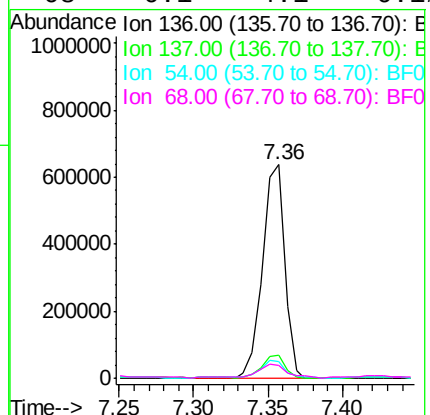
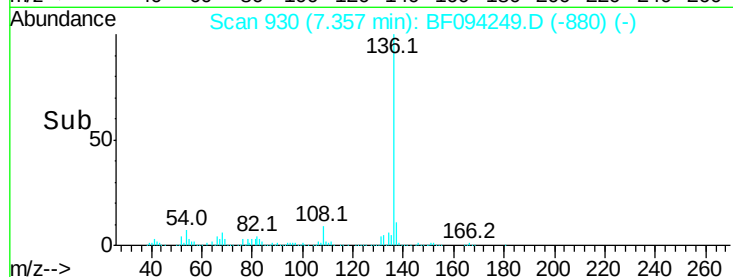
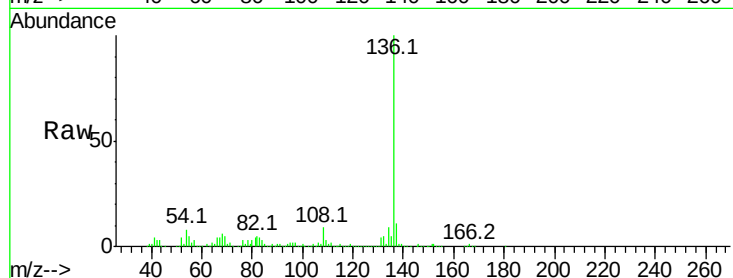
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 6.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 60.80 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

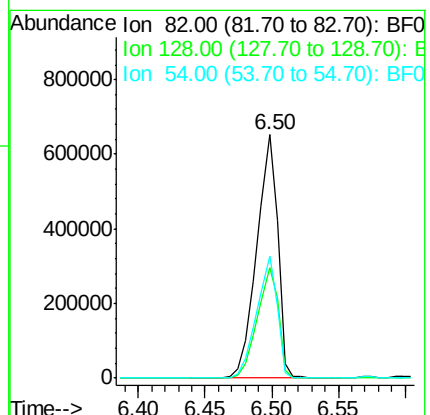
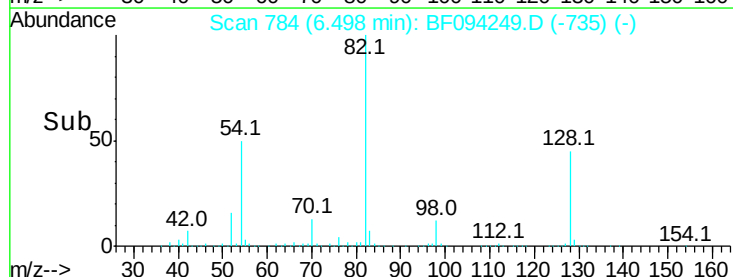
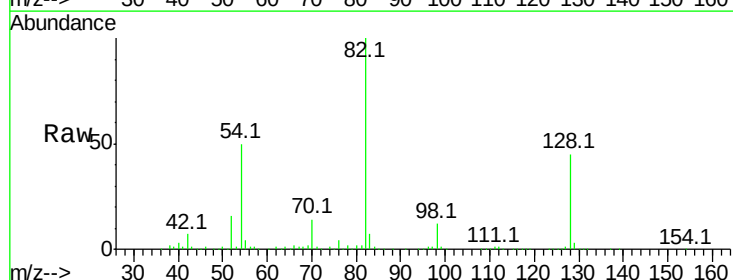
Tgt Ion: 82 Resp: 698168

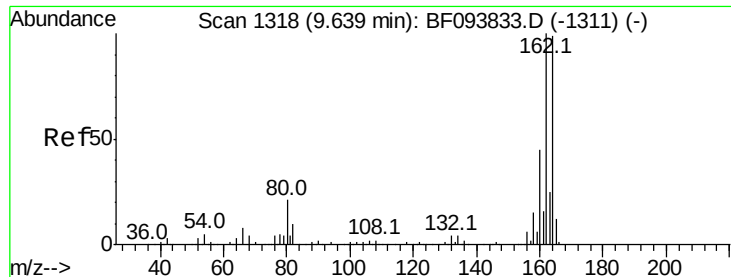
Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

54 49.9 42.2 63.2

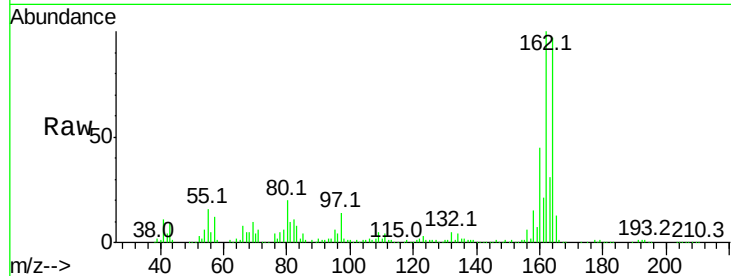




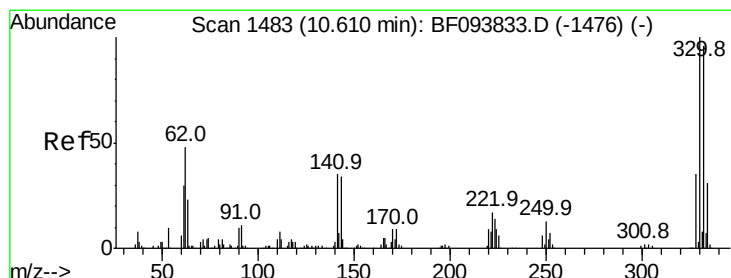
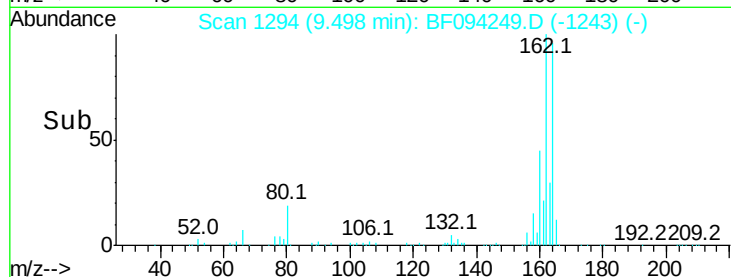
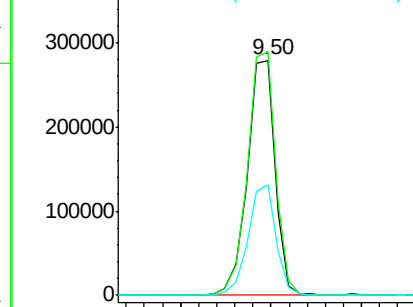
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

Tot Ion:164 Resp: 294464
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 46.9 36.2 54.2

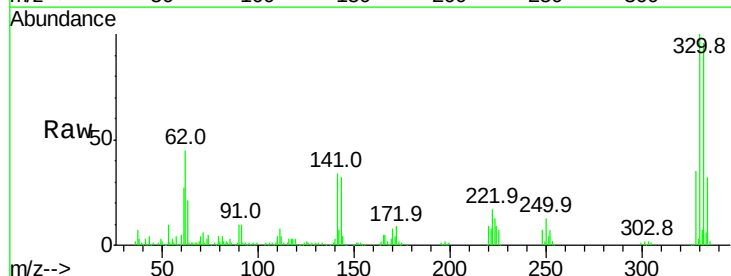


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

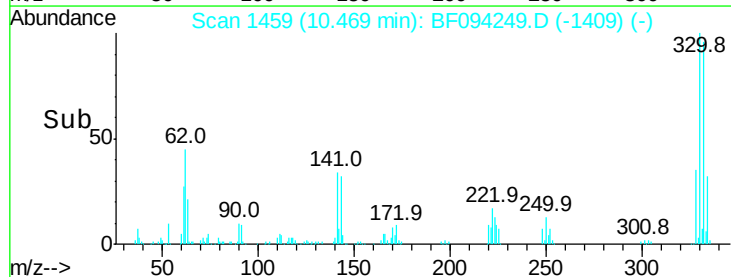
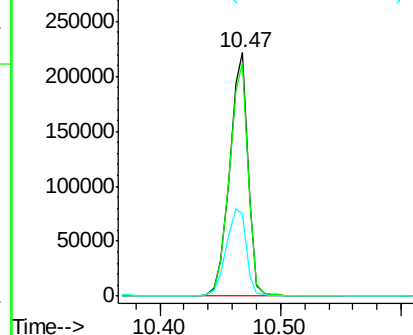


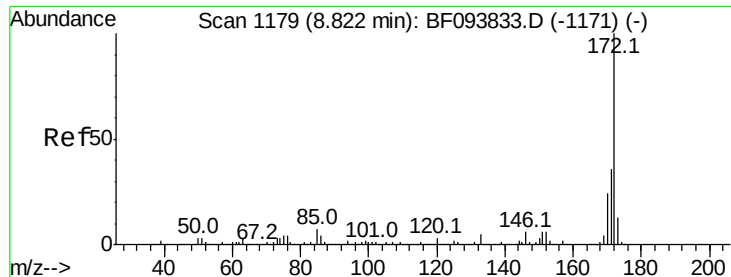
#41
 2,4,6-Tribromophenol
 Concen: 100.08 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Tgt Ion:330 Resp: 232886
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.4 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



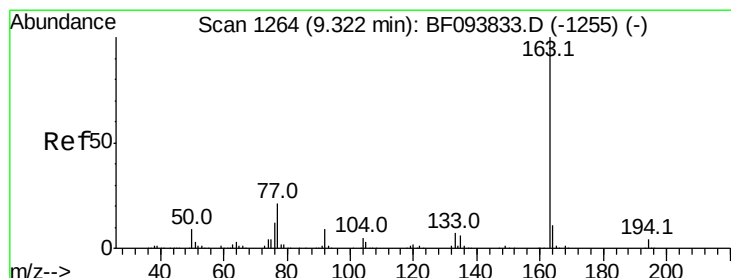
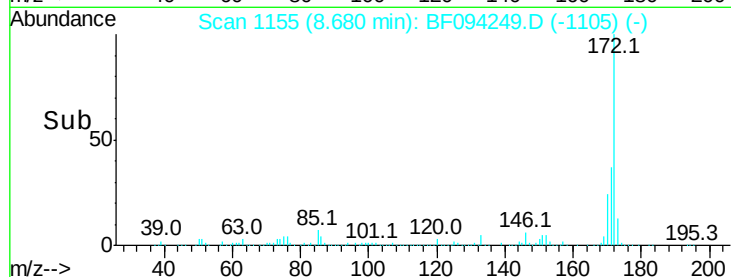
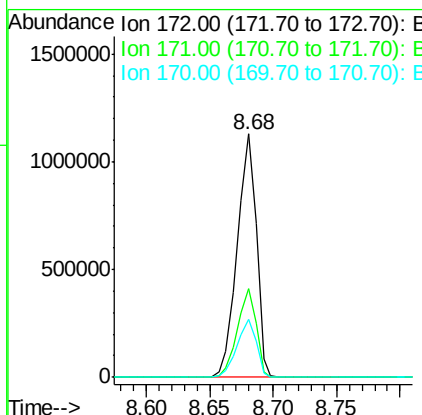
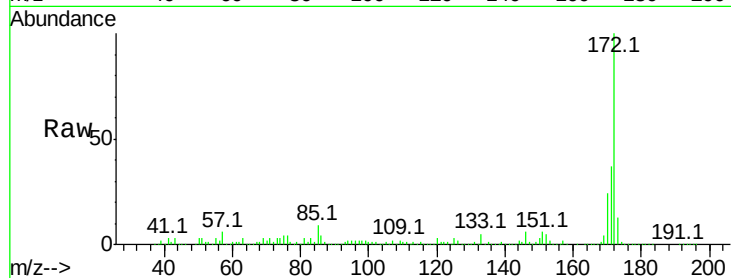


#44
2-Fluorobiphenyl
Concen: 60.57 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Instrument :
BNA_F
ClientSampleId :
B19-S1(2-4)

Tot Ion:172 Resp: 1169317

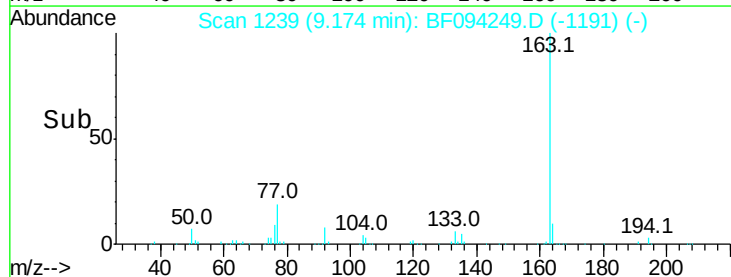
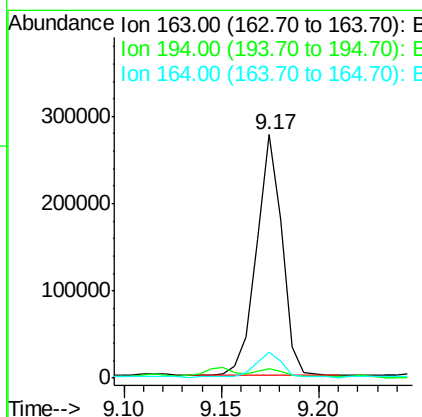
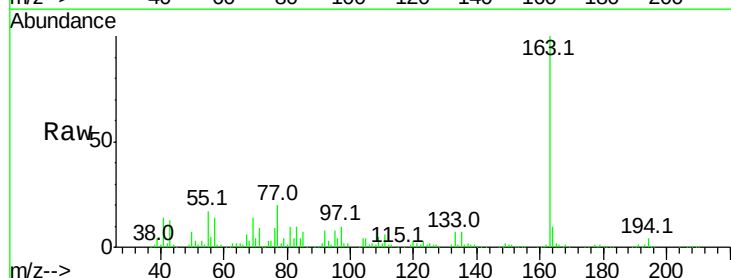
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8

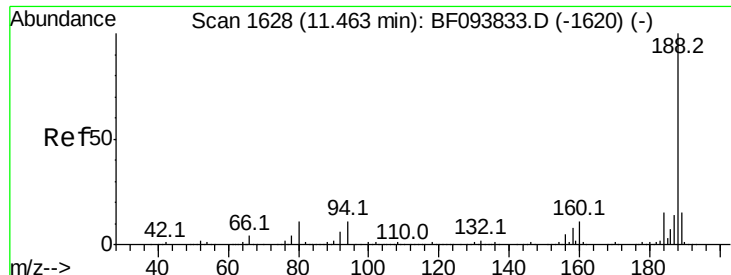


#49
Dimethylphthalate
Concen: 11.94 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Tgt Ion:163 Resp: 250010

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.4	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

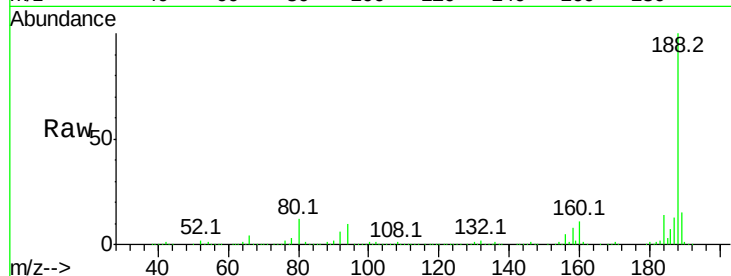
Tot Ion:188 Resp: 525283

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

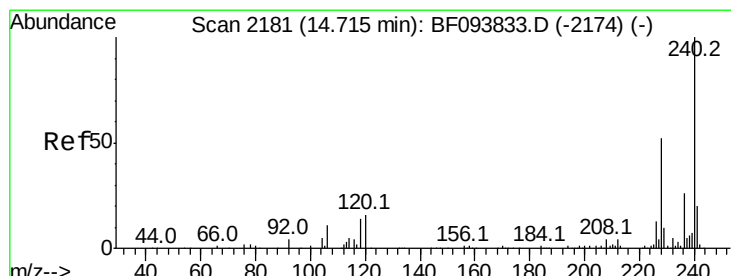
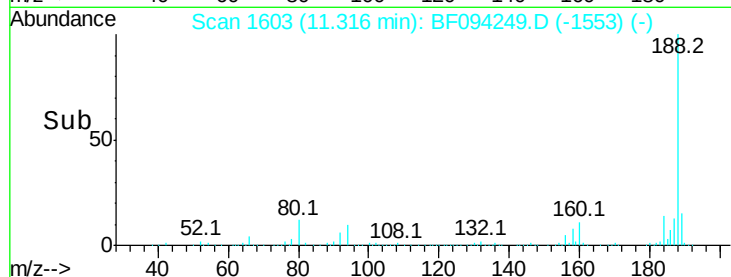
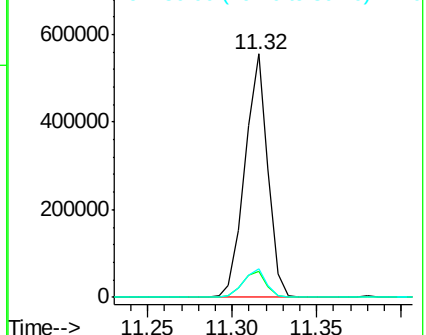
80 11.7 10.2 15.2



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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

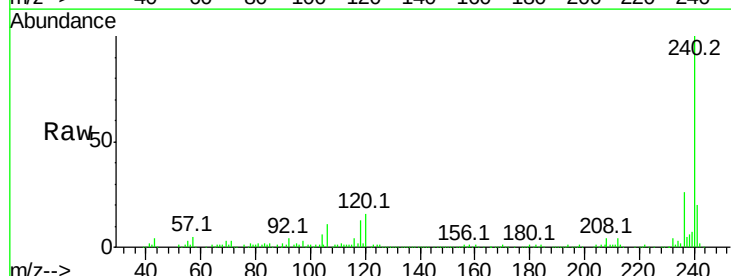
Tgt Ion:240 Resp: 346963

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

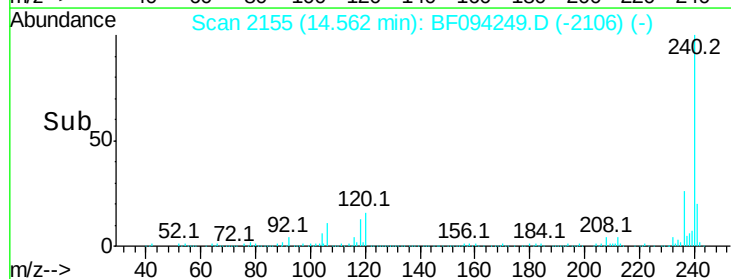
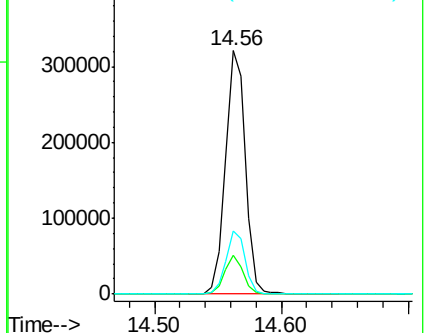
236 26.1 20.5 30.7

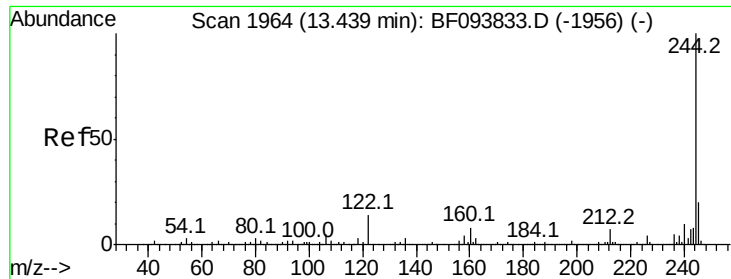


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

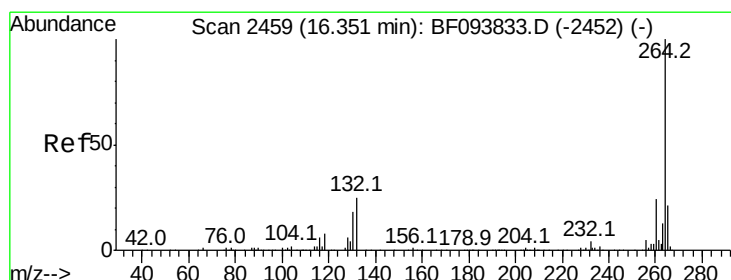
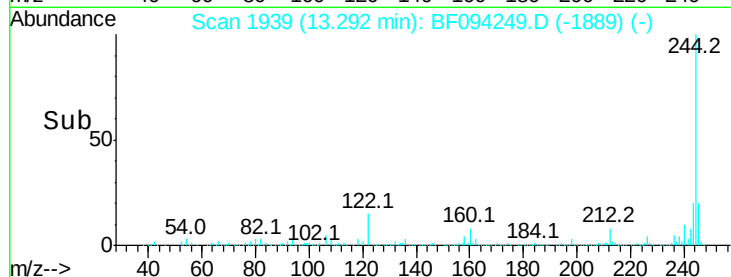
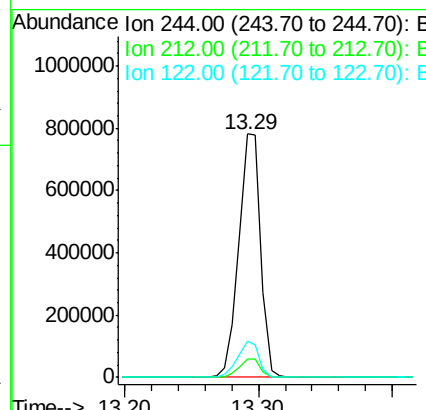
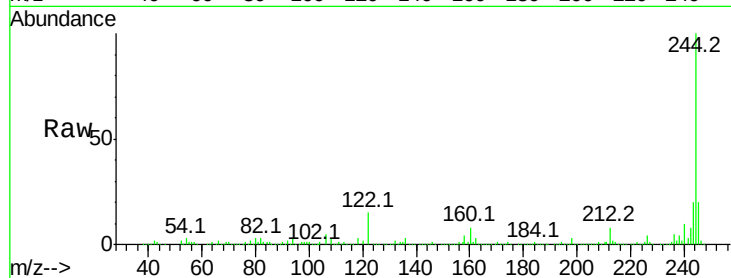




#78
 Terphenyl-d14
 Concen: 57.99 ng
 RT: 13.29 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

Tot Ion:244 Resp: 897603
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Tgt Ion:264 Resp: 265039
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.4 17.2 25.8

