

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084967.D
 Acq On : 9 Feb 2016 22:16
 Operator : SJ/IZ
 Sample : H1329-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Quant Time: Feb 10 04:57:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

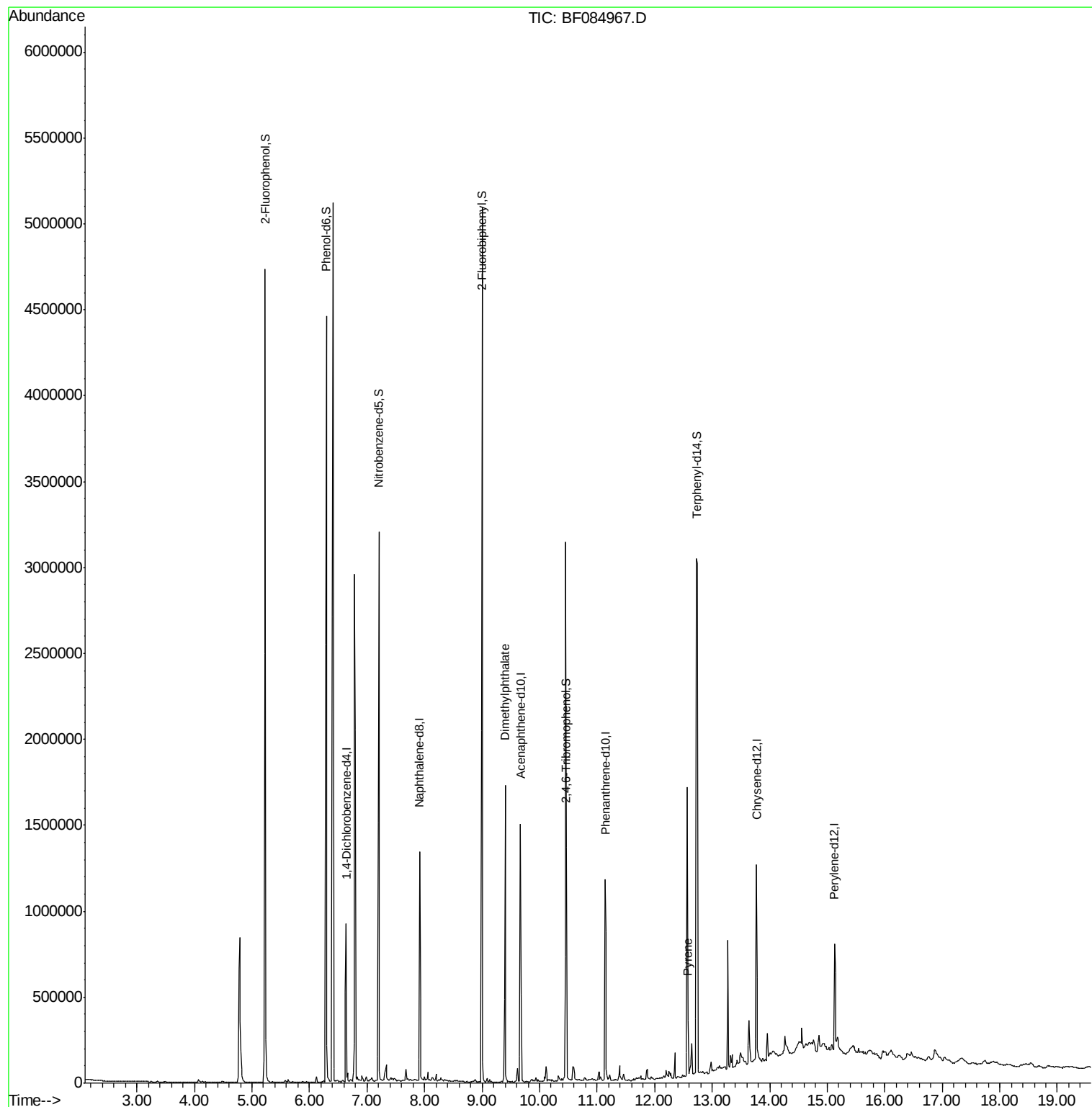
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	166155	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	650322	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	307485	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	574064	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	418898	20.00	ng	-0.07
86) Perylene-d12	15.13	264	306087	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1432030	134.24	ng	-0.05
7) Phenol-d6	6.29	99	1718804	129.97	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1125086	97.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	482282	150.37	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1652452	93.73	ng	-0.06
78) Terphenyl-d14	12.74	244	1475128	79.80	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	692733	29.58	ng	# 90
77) Pyrene	12.58	202	64233	2.00	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

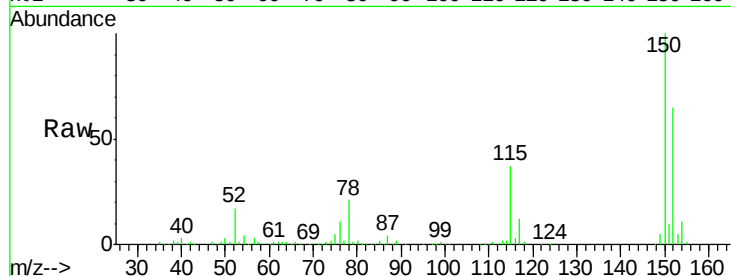
Tot Ion:152 Resp: 166155

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

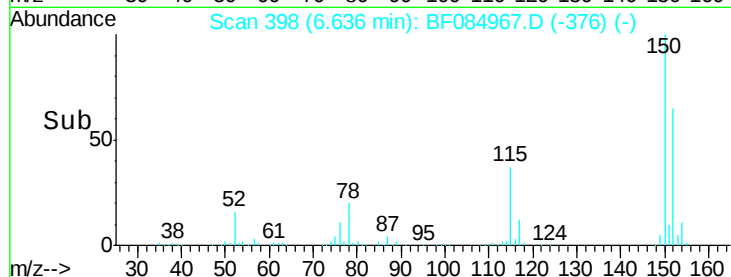
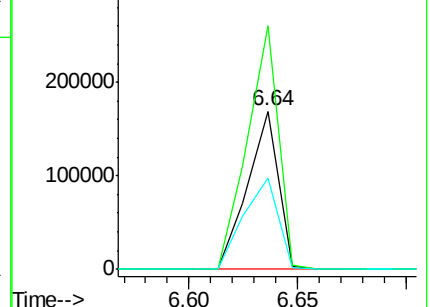
115 57.7 51.4 77.2



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: 134.24 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

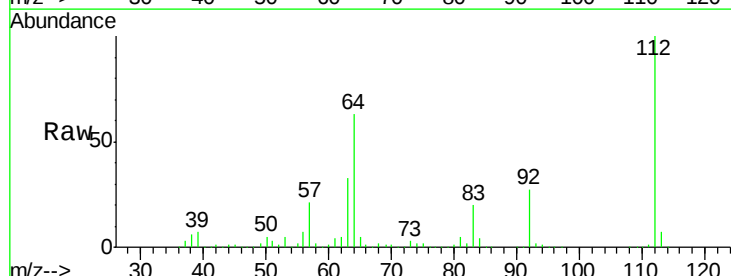
Tgt Ion:112 Resp: 1432030

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

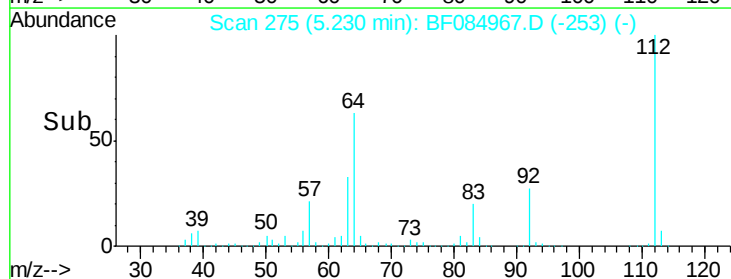
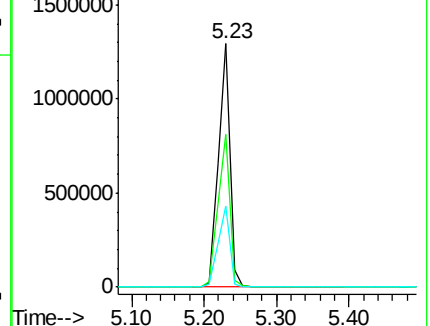
63 33.5 19.4 29.0#

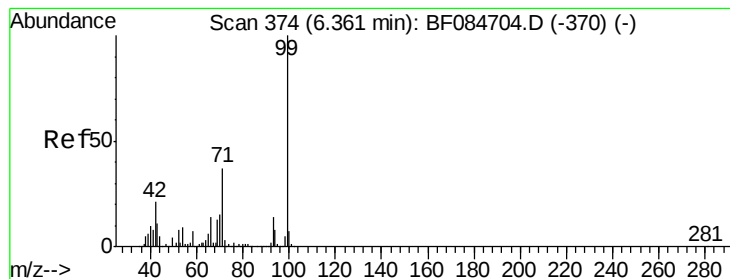


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.97 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

Instrument :

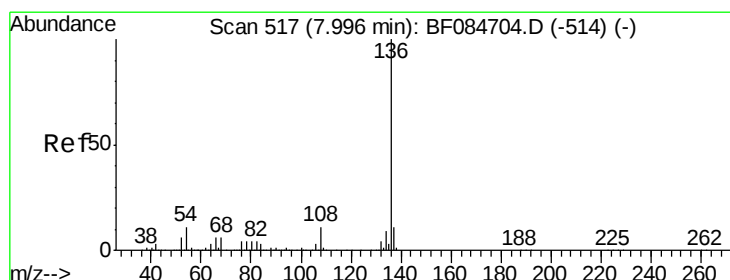
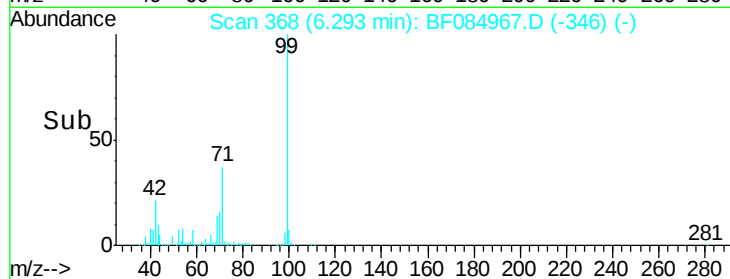
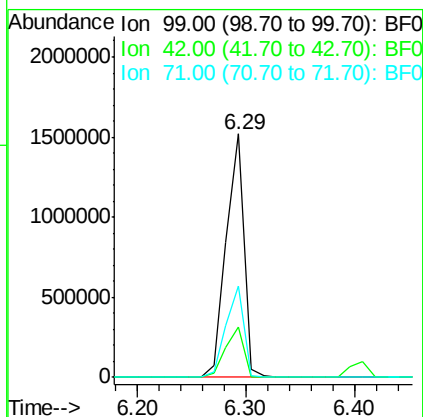
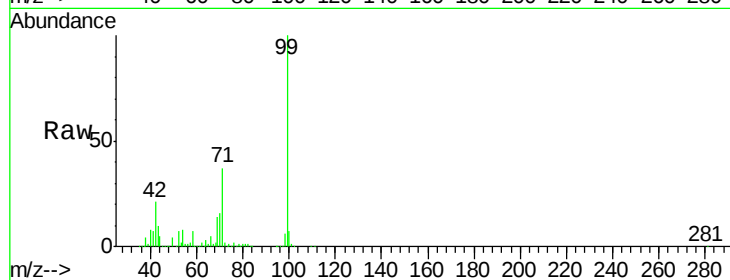
BNA_F

ClientSampleId :

S4-B010(20-22)

Tot Ion: 99 Resp: 1718804

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

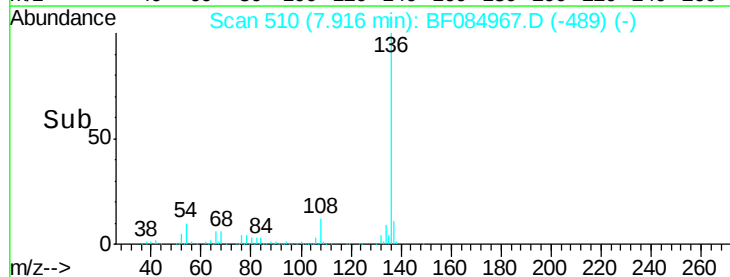
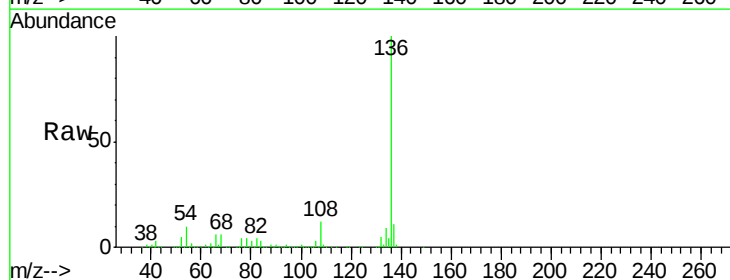
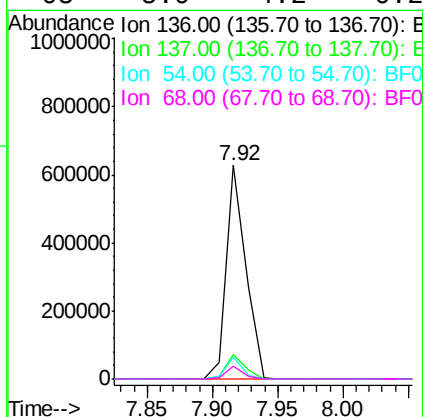
Delta R.T. -0.06 min

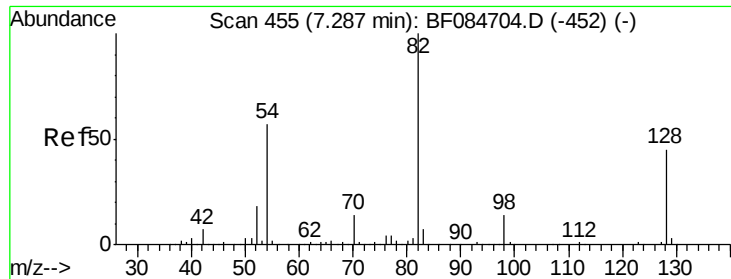
Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

Tgt Ion: 136 Resp: 650322

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.4	5.8	8.8#
68	5.9	4.2	6.2

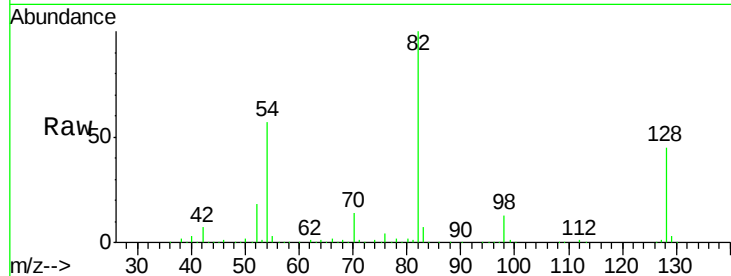




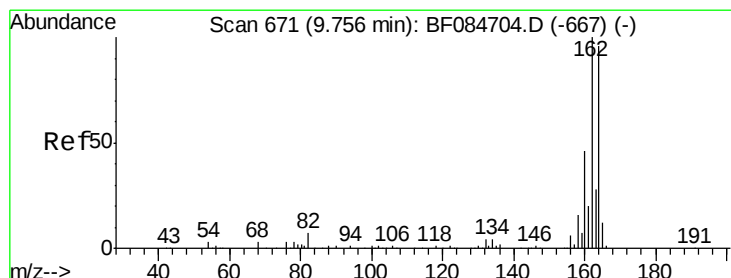
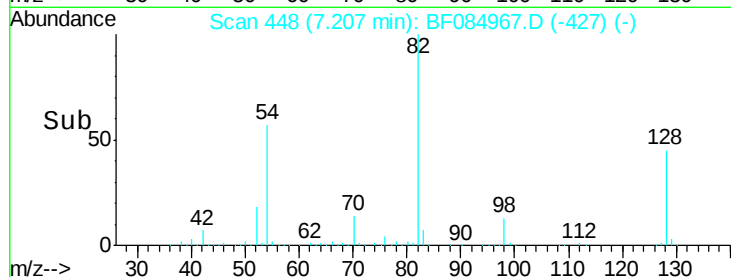
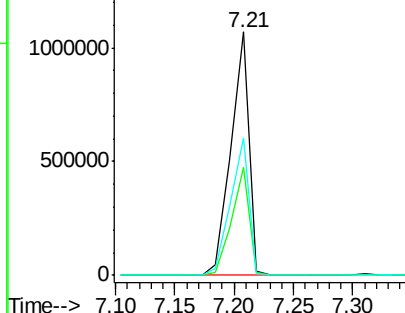
#23
 Nitrobenzene-d5
 Concen: 97.46 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Tot Ion: 82 Resp: 1125086
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 51.8
 54 56.6 38.4 57.6

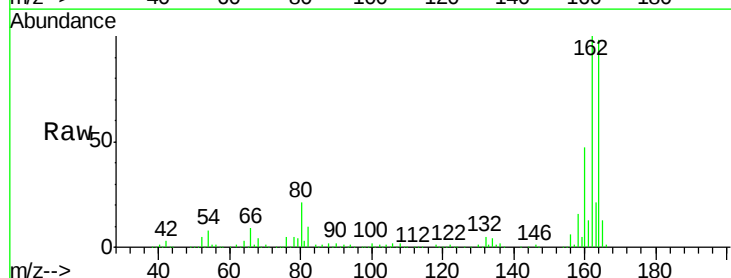


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

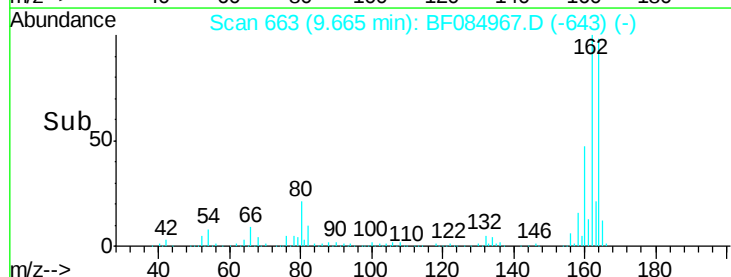
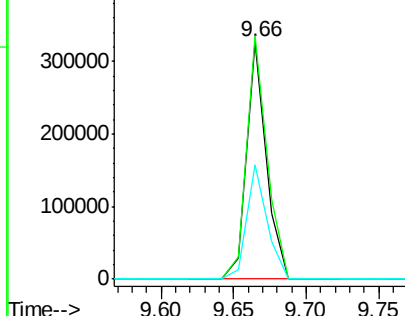


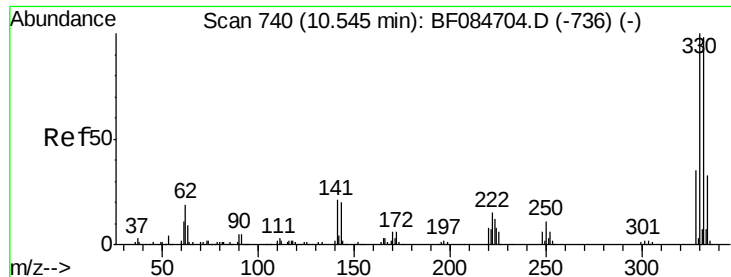
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

Tgt Ion:164 Resp: 307485
 Ion Ratio Lower Upper
 164 100
 162 102.5 85.1 127.7
 160 48.0 37.5 56.3



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

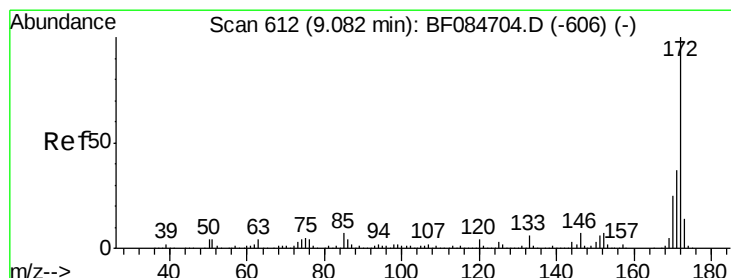
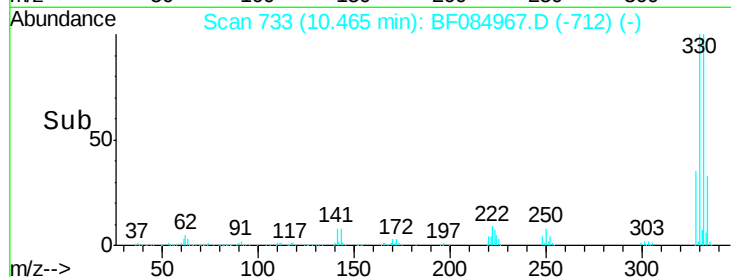
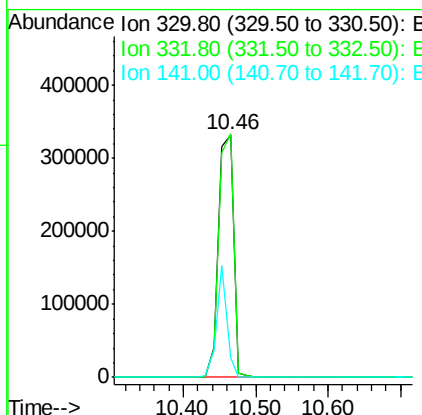
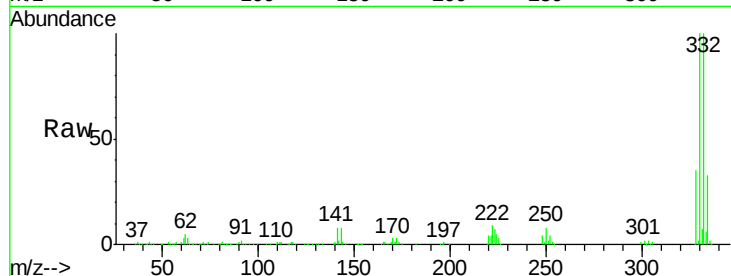




#41
 2,4,6-Tribromophenol
 Concen: 150.37 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

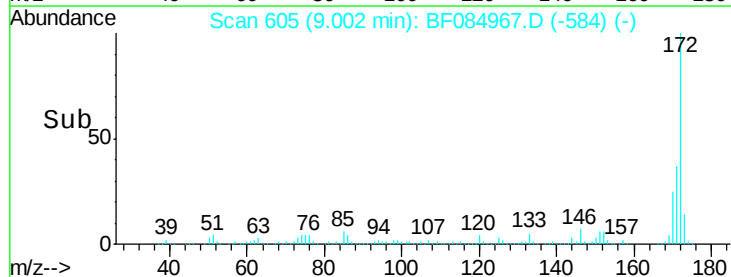
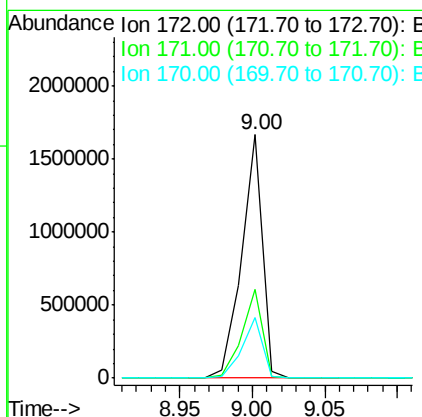
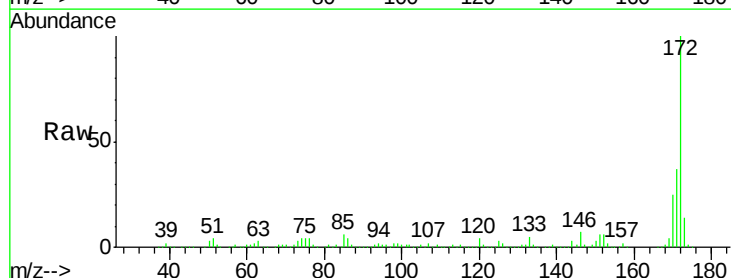
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

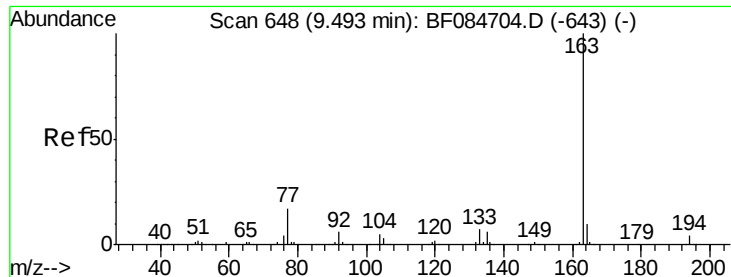
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	31.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 93.73 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	25.1	18.6	27.8

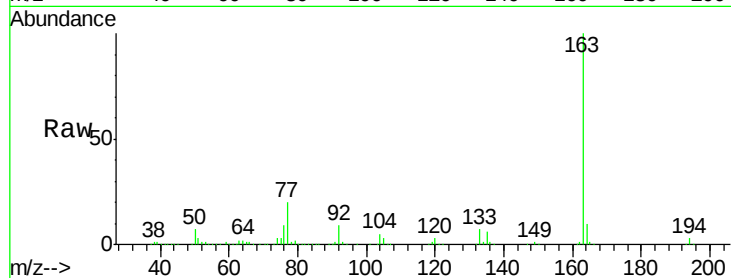




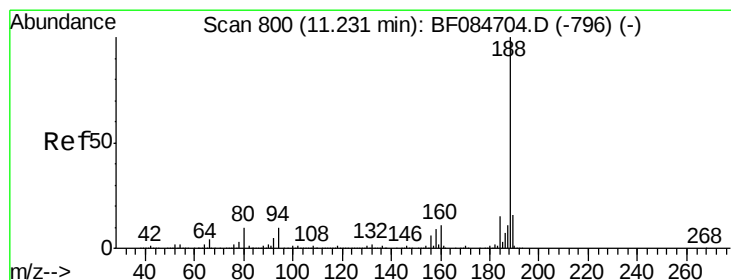
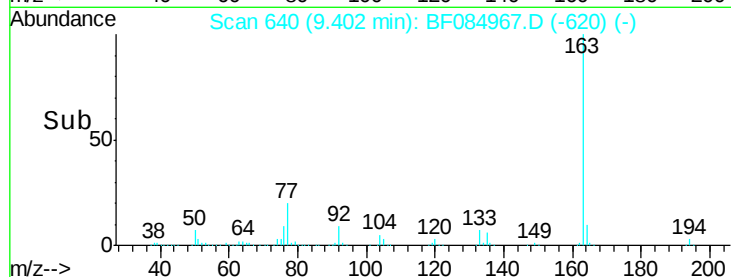
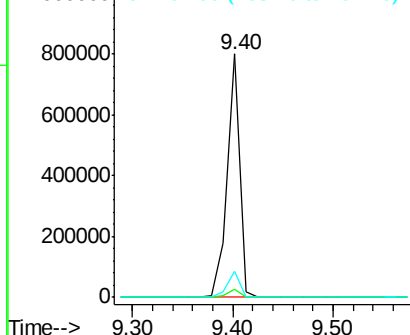
#49
Dimethylphthalate
Concen: 29.58 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084967.D
Acq: 9 Feb 2016 22:16

Instrument :
BNA_F
ClientSampleId :
S4-B010(20-22)

Tot Ion:163 Resp: 692733
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.4 8.0 12.0

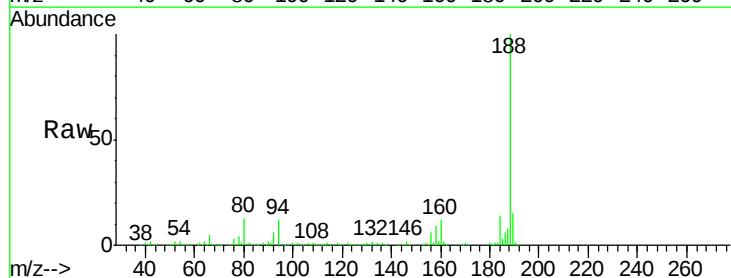


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

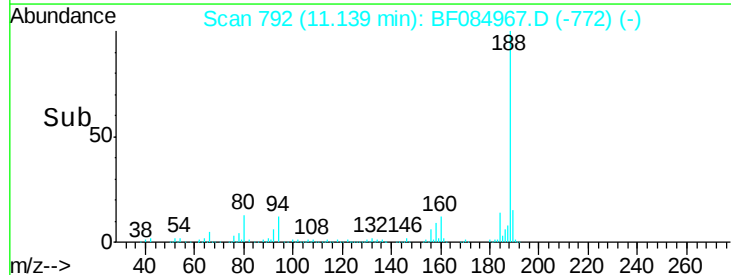
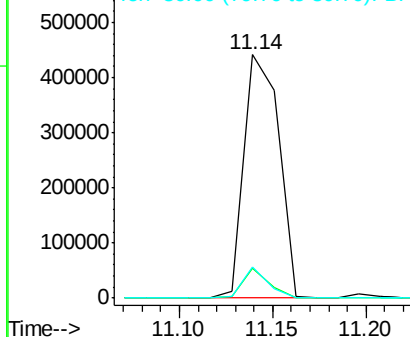


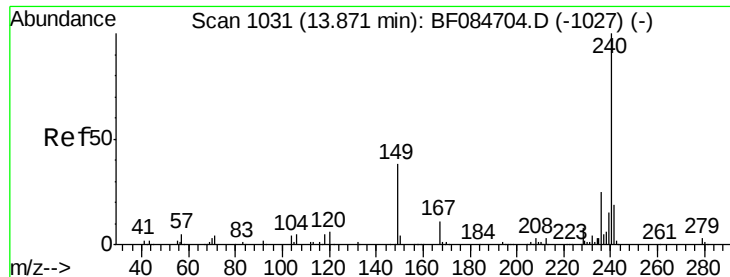
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084967.D
Acq: 9 Feb 2016 22:16

Tgt Ion:188 Resp: 574064
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.4
80 13.0 9.6 14.4



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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

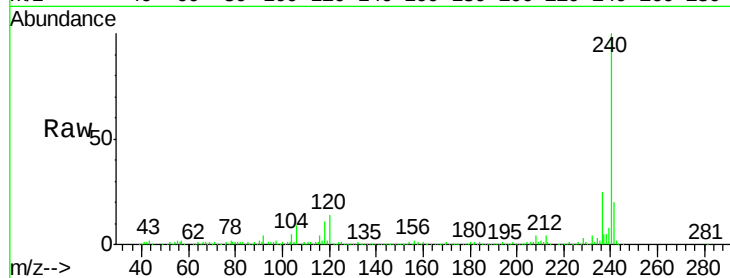
Tot Ion:240 Resp: 418898

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

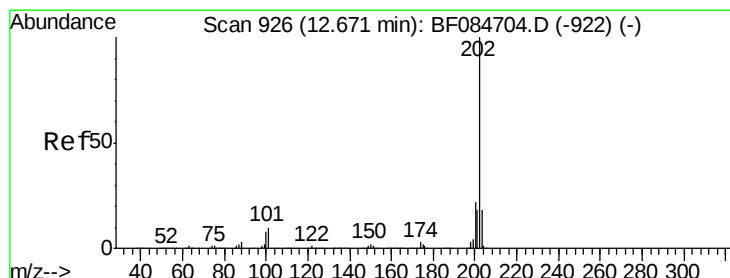
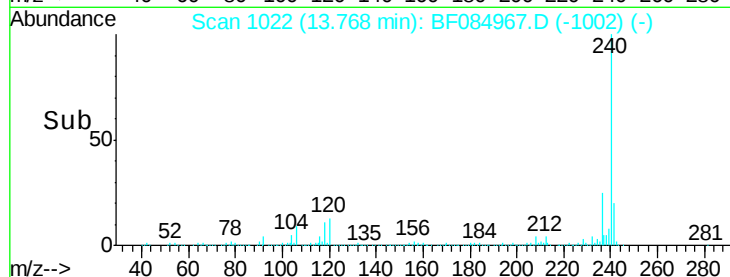
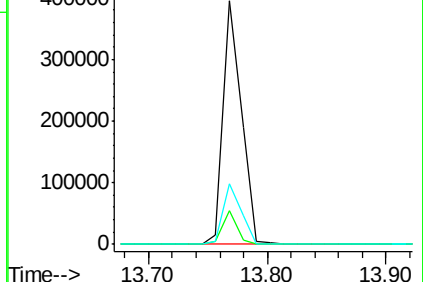
236 24.8 20.6 31.0



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



#77

Pyrene

Concen: 2.00 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084967.D

Acq: 9 Feb 2016 22:16

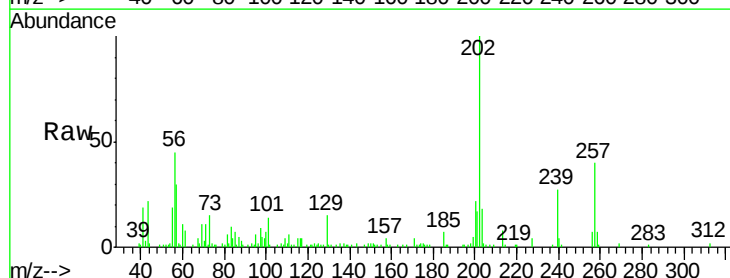
Tgt Ion:202 Resp: 64233

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

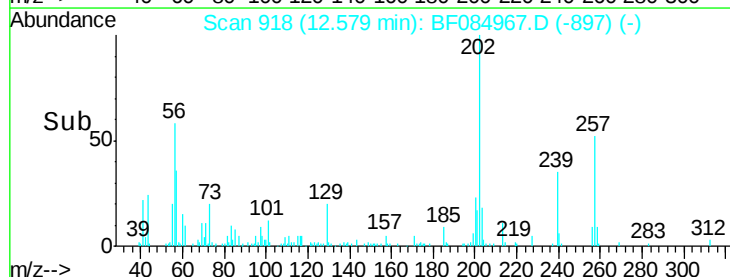
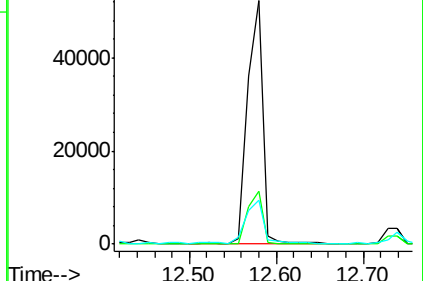
203 18.2 14.3 21.5

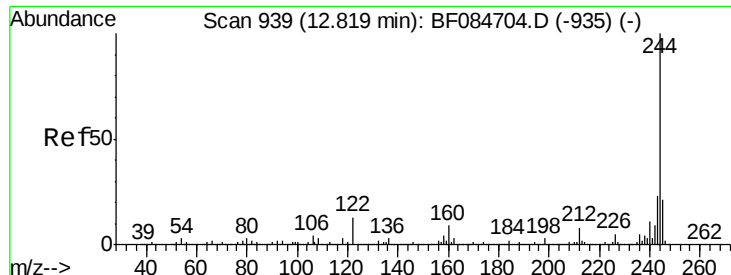


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

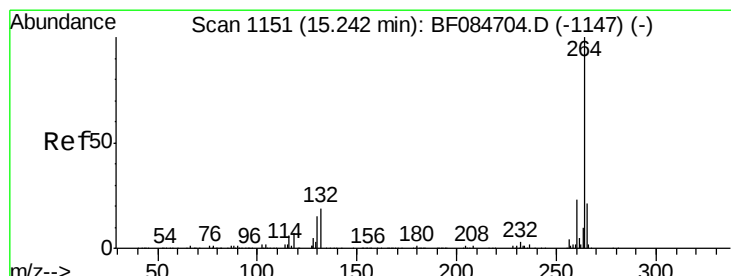
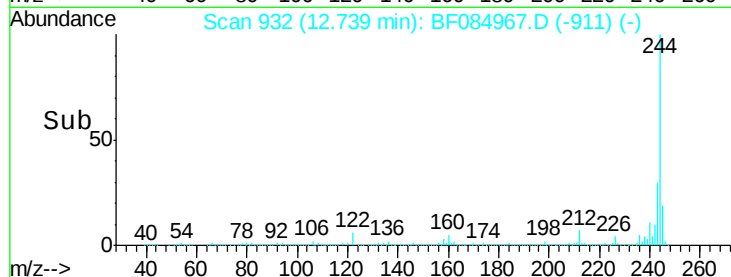
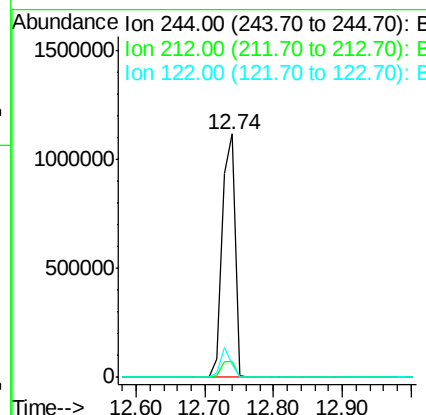
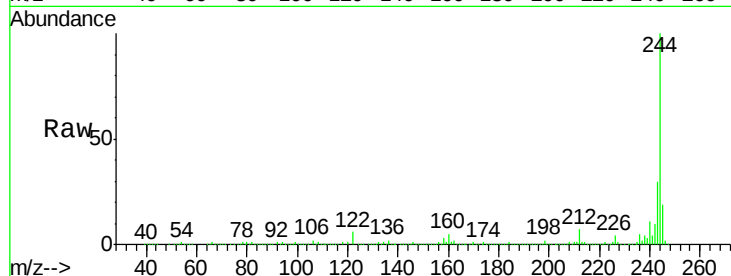




#78
 Terphenyl-d14
 Concen: 79.80 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Tot Ion:244 Resp: 1475128
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 5.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084967.D
 Acq: 9 Feb 2016 22:16

Tgt Ion:264 Resp: 306087
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 23.2 17.8 26.6

