

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084965.D
 Acq On : 9 Feb 2016 21:20
 Operator : SJ/IZ
 Sample : H1386-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Quant Time: Feb 10 04:55:28 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

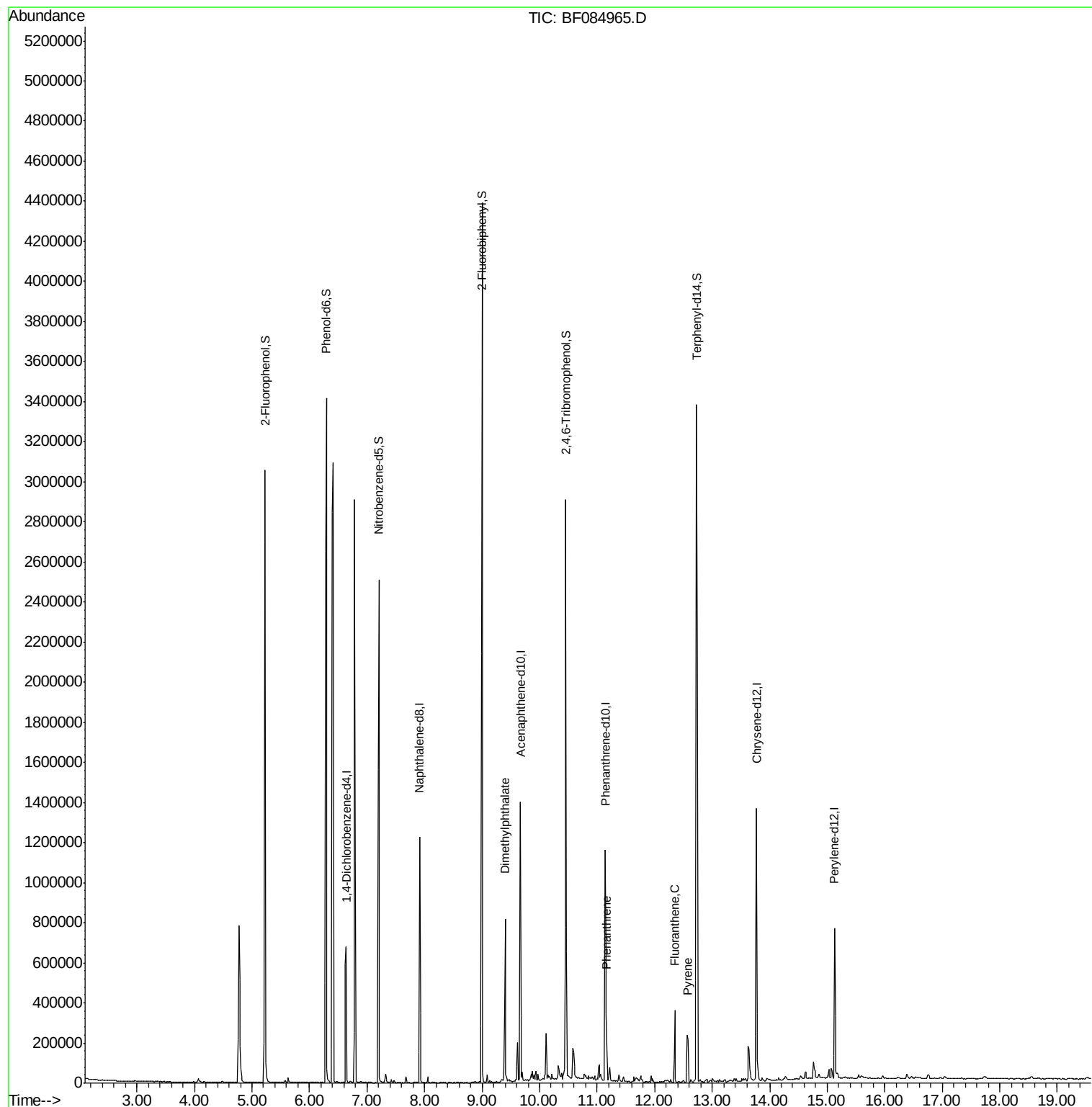
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	142538	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	588527	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	281920	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	515953	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	436369	20.00	ng	-0.07
86) Perylene-d12	15.13	264	316181	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1208341	132.04	ng	-0.05
7) Phenol-d6	6.29	99	1598656	140.92	ng	-0.05
23) Nitrobenzene-d5	7.21	82	998215	95.55	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	360248	122.51	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1556613	98.02	ng	-0.06
78) Terphenyl-d14	12.73	244	1404871	72.95	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	371319	17.29	ng	# 90
70) Phenanthrene	11.16	178	142920	4.99	ng	99
74) Fluoranthene	12.35	202	150449	5.19	ng	94
77) Pyrene	12.58	202	138485	4.15	ng	98

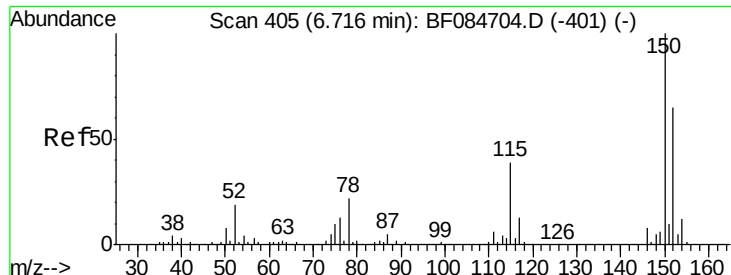
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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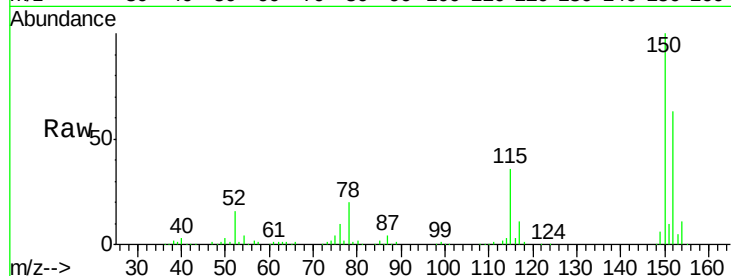


#1

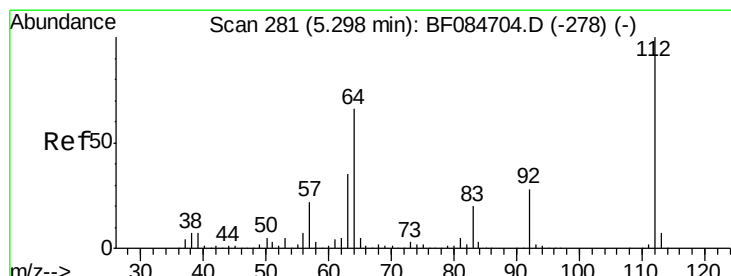
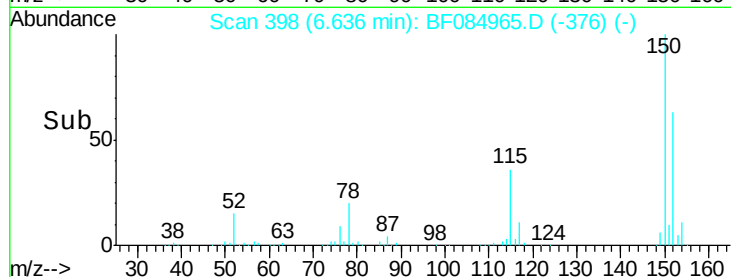
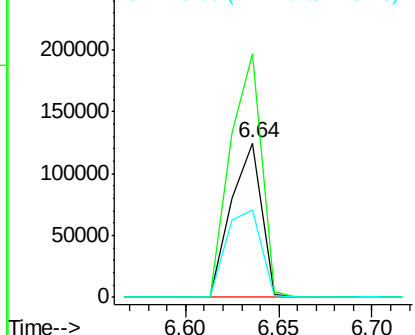
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084965.D
Acq: 9 Feb 2016 21:20

Instrument :
BNA_F
ClientSampleId :
S4-B018(10-12)

Tot Ion:152 Resp: 142538
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.4
115 56.9 51.4 77.2



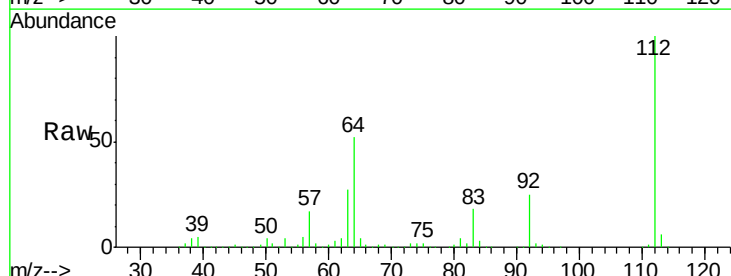
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



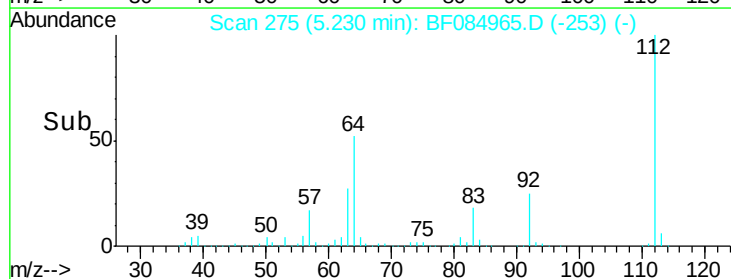
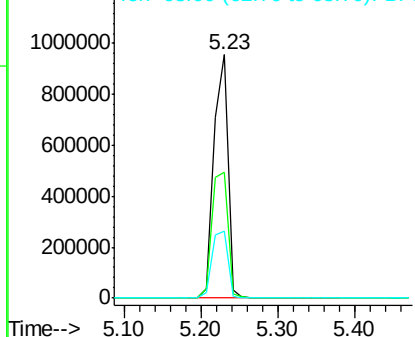
#5

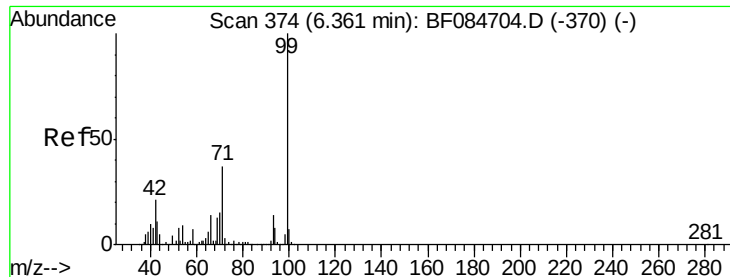
2-Fluorophenol
Concen: 132.04 ng
RT: 5.23 min Scan# 275
Delta R.T. -0.05 min
Lab File: BF084965.D
Acq: 9 Feb 2016 21:20

Tgt Ion:112 Resp: 1208341
Ion Ratio Lower Upper
112 100
64 51.6 36.6 55.0
63 27.3 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: 140.92 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

Instrument :

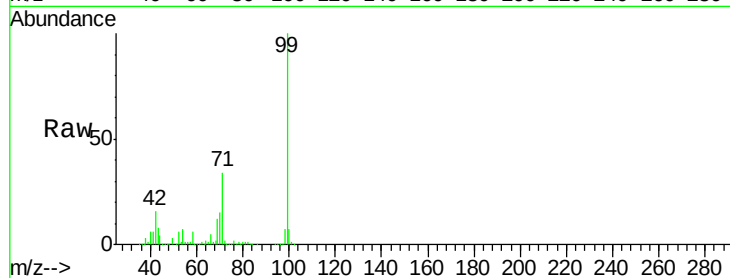
BNA_F

ClientSampleId :

S4-B018(10-12)

Tot Ion: 99 Resp: 1598656

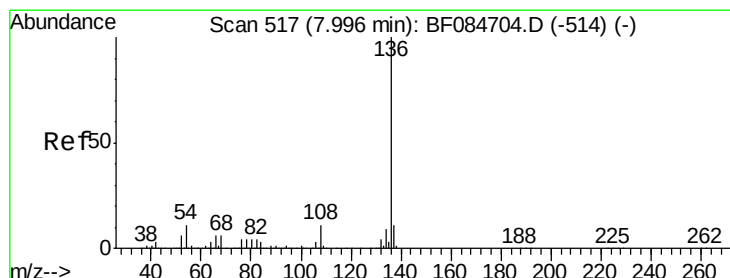
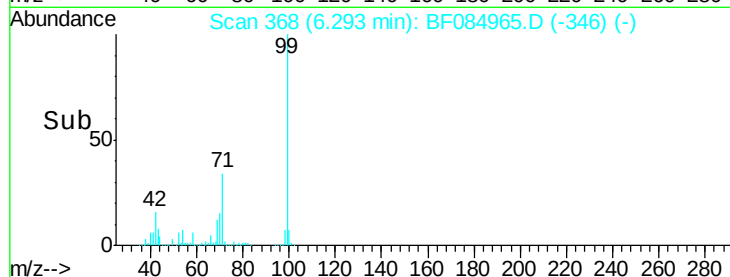
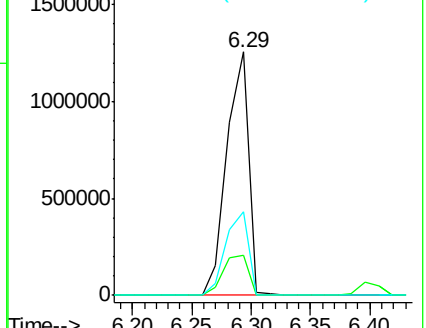
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	34.1	30.9	46.3



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: 7.92 min Scan# 510

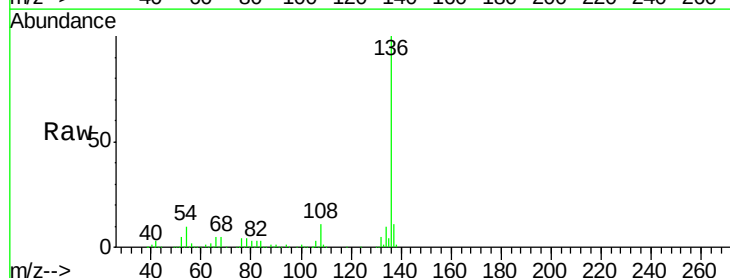
Delta R.T. -0.06 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

Tgt Ion: 136 Resp: 588527

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.6	5.8	8.8#
68	5.3	4.2	6.2

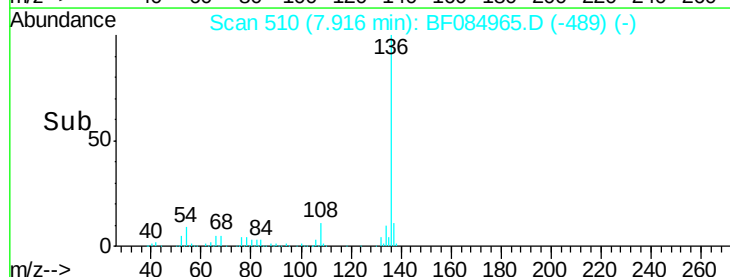
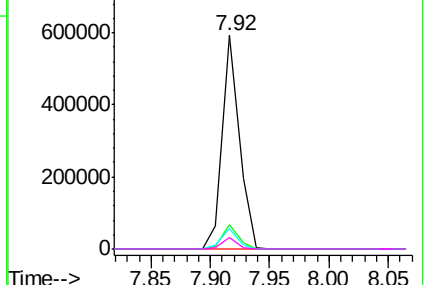


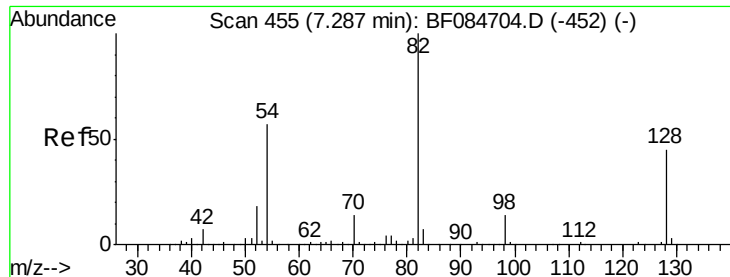
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.55 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

Instrument :

BNA_F

ClientSampleId :

S4-B018(10-12)

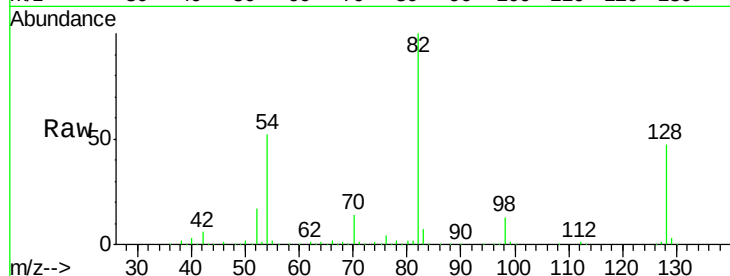
Tot Ion: 82 Resp: 998215

Ion Ratio Lower Upper

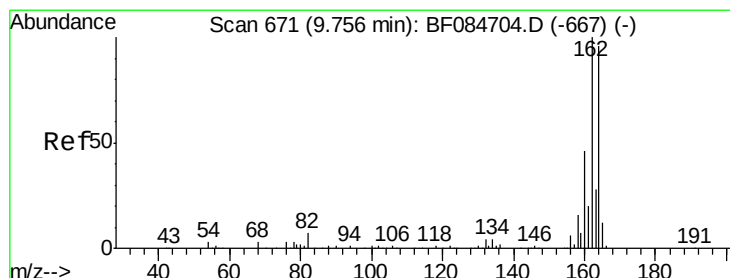
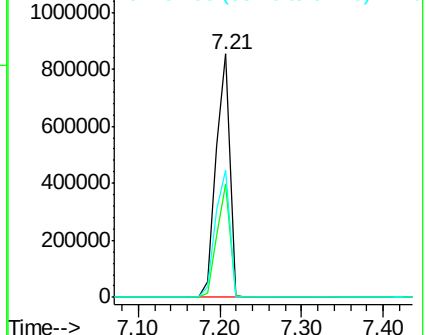
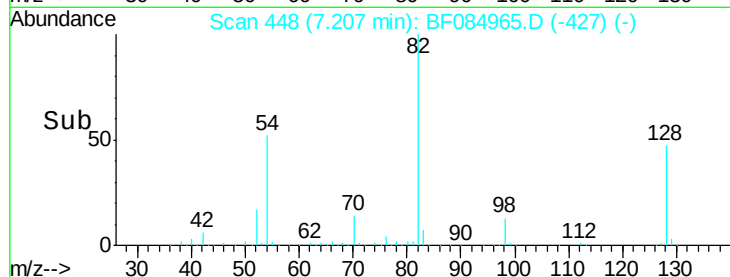
82 100

128 46.6 34.6 51.8

54 52.5 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: BF084965.D

Acq: 9 Feb 2016 21:20

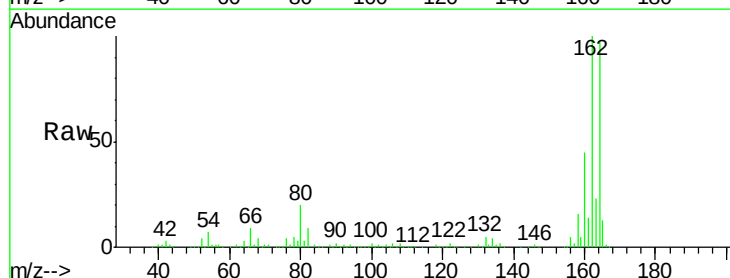
Tgt Ion:164 Resp: 281920

Ion Ratio Lower Upper

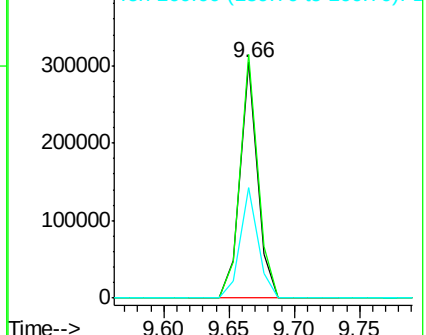
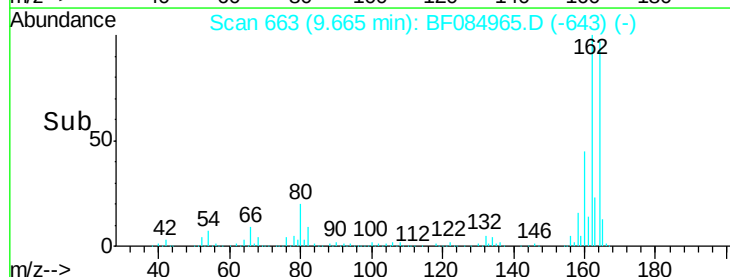
164 100

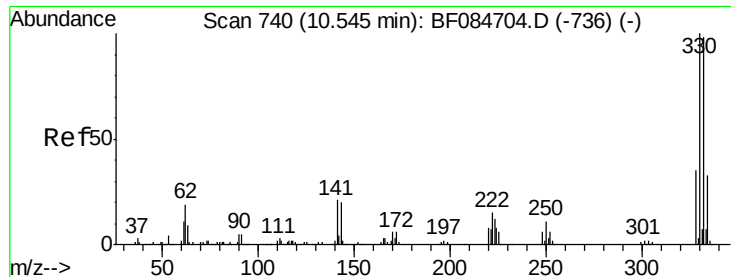
162 103.3 85.1 127.7

160 46.7 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

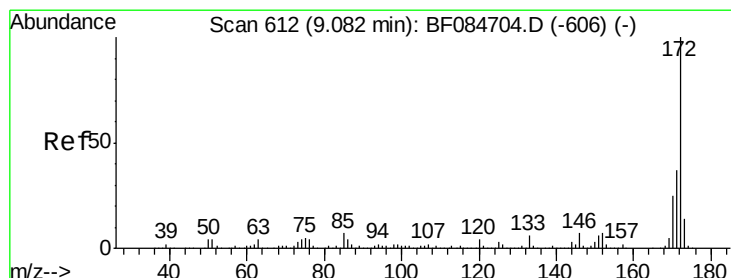
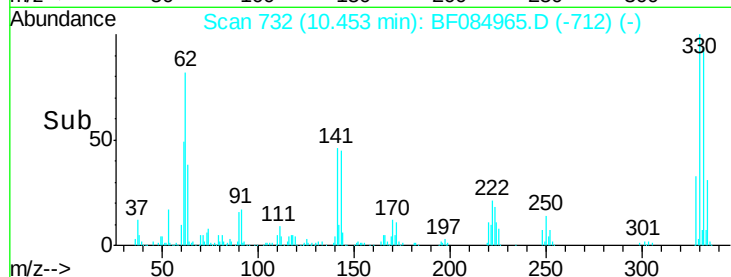
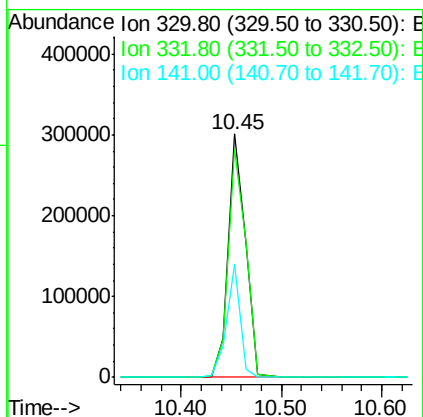
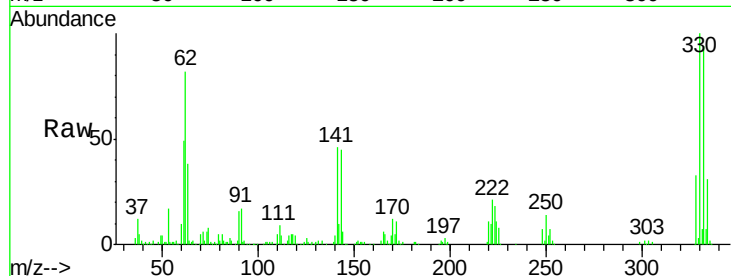




#41
 2,4,6-Tribromophenol
 Concen: 122.51 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084965.D
 Acq: 9 Feb 2016 21:20

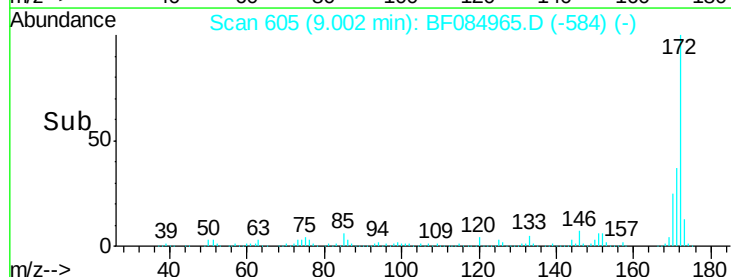
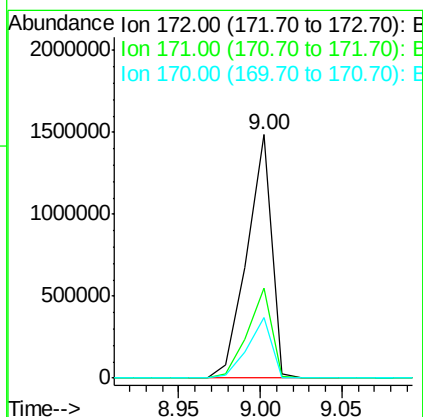
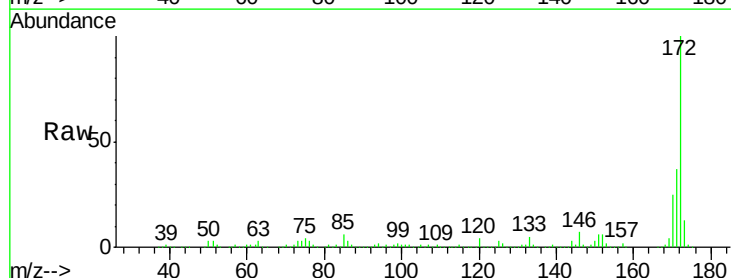
Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

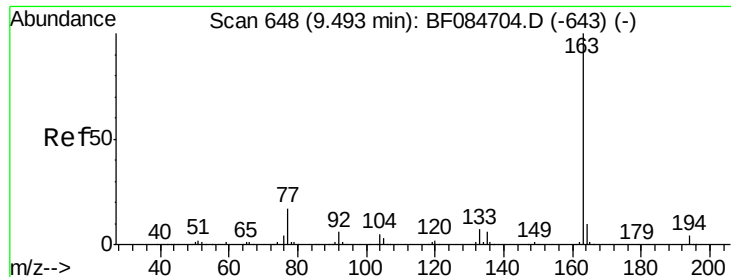
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	37.2	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 98.02 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084965.D
 Acq: 9 Feb 2016 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.9	18.6	27.8





#49

Dimethylphthalate

Concen: 17.29 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

Instrument :

BNA_F

ClientSampleId :

S4-B018(10-12)

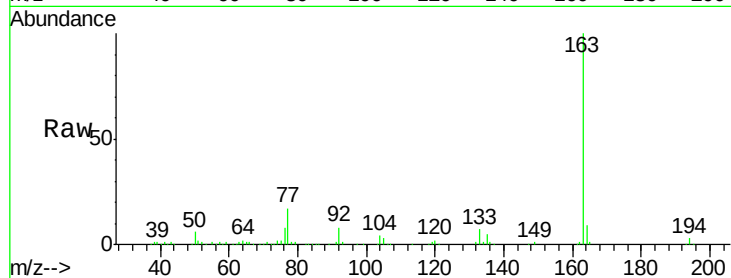
Tot Ion:163 Resp: 371319

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

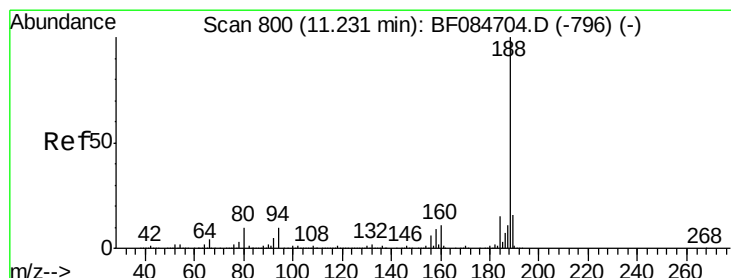
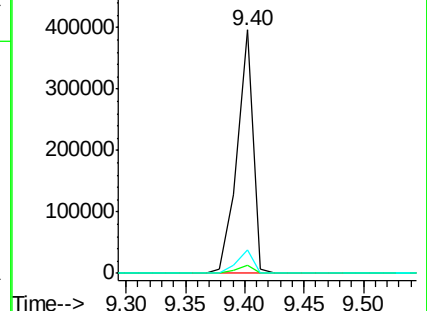
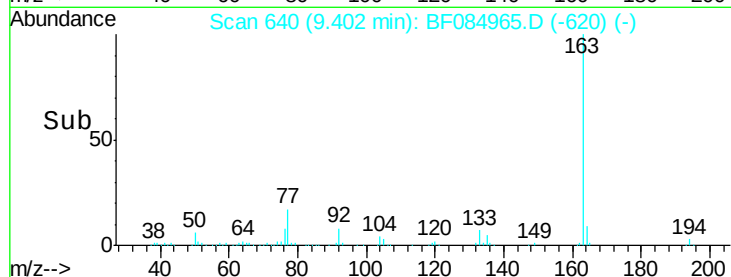
164 9.4 8.0 12.0



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: BF084965.D

Acq: 9 Feb 2016 21:20

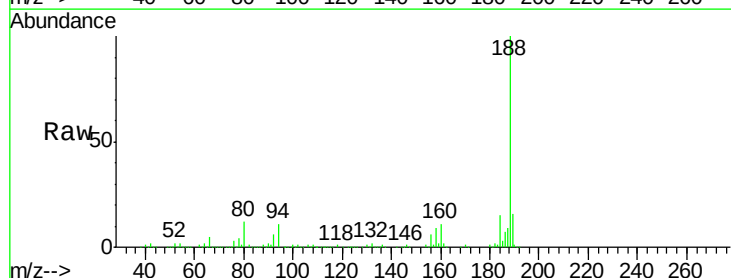
Tgt Ion:188 Resp: 515953

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

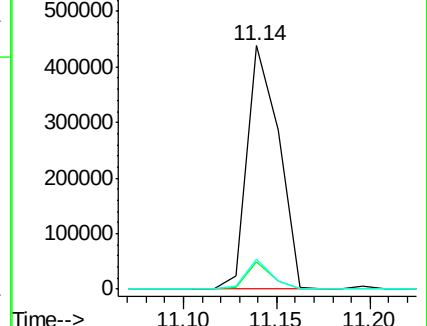
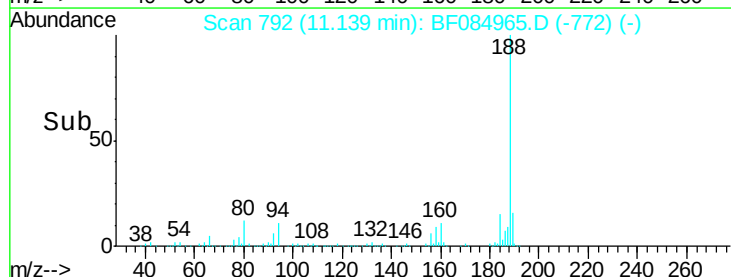
80 12.3 9.6 14.4

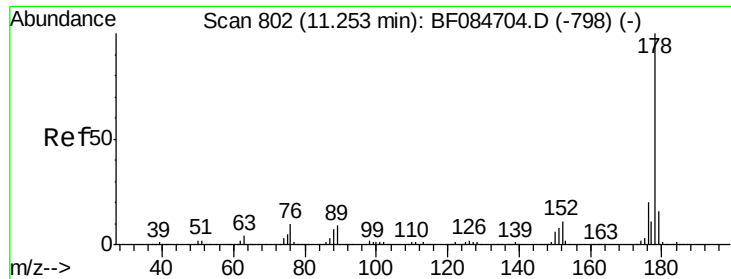


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

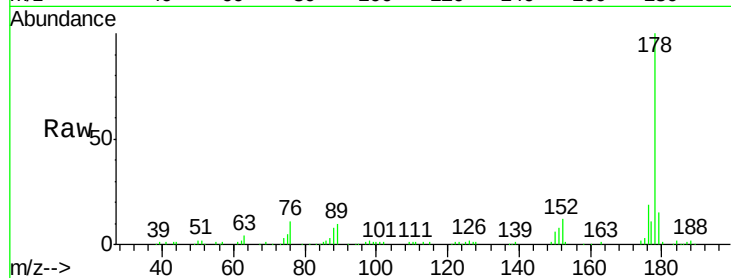




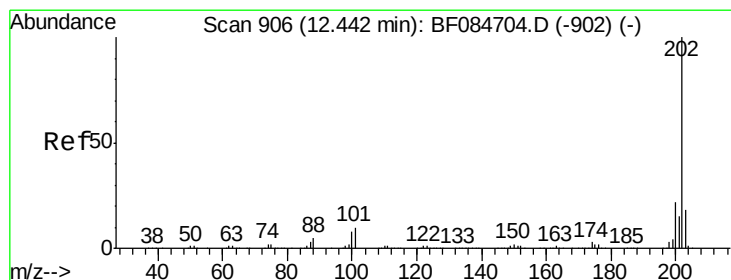
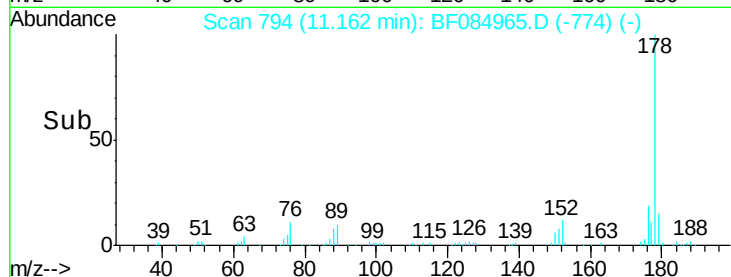
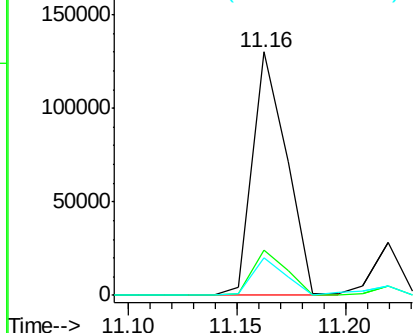
#70
Phenanthrene
Concen: 4.99 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF084965.D
Acq: 9 Feb 2016 21:20

Instrument :
BNA_F
ClientSampleId :
S4-B018(10-12)

Tot Ion:178 Resp: 142920
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.0 18.0

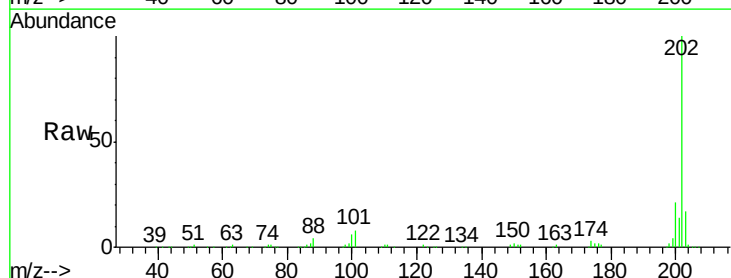


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

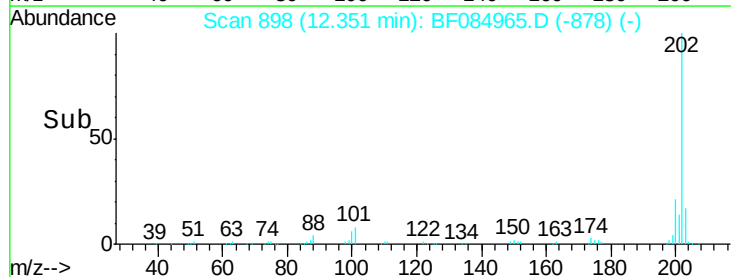
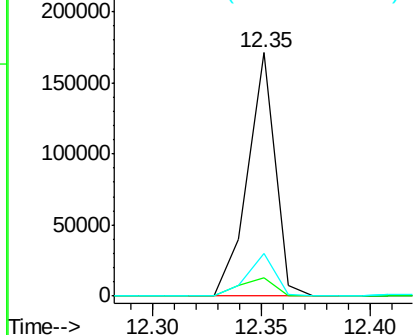


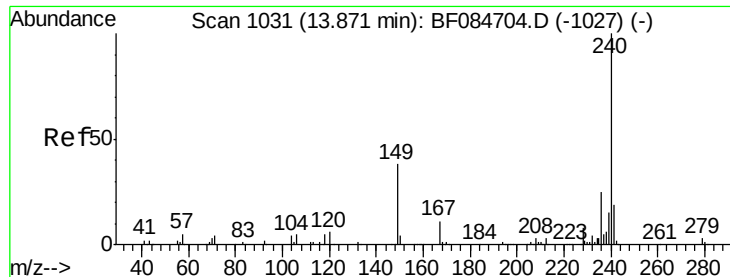
#74
Fluoranthene
Concen: 5.19 ng
RT: 12.35 min Scan# 898
Delta R.T. -0.07 min
Lab File: BF084965.D
Acq: 9 Feb 2016 21:20

Tgt Ion:202 Resp: 150449
Ion Ratio Lower Upper
202 100
101 7.7 0.0 32.8
203 17.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

Instrument :

BNA_F

ClientSampleId :

S4-B018(10-12)

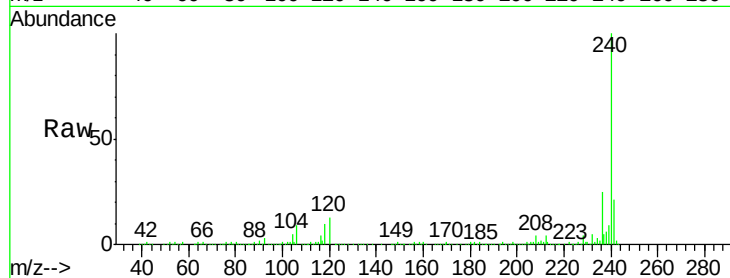
Tot Ion:240 Resp: 436369

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

236 25.3 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

600000

500000

400000

300000

200000

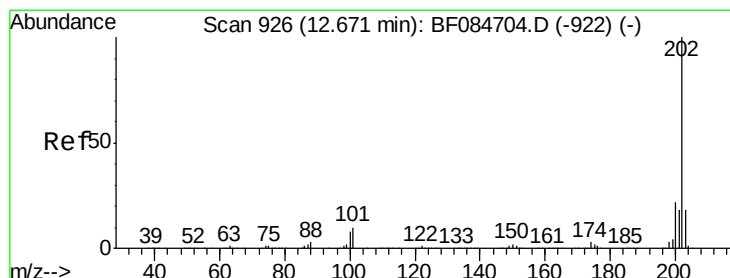
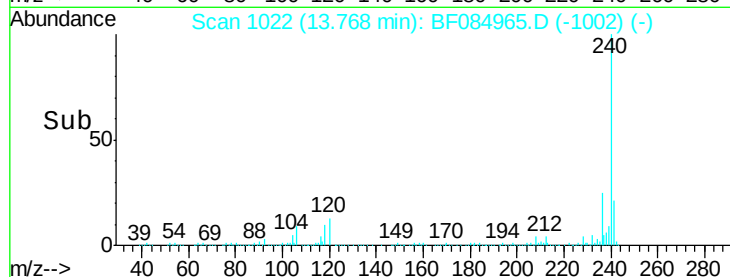
100000

0

13.77

13.80

Time-->



#77

Pyrene

Concen: 4.15 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084965.D

Acq: 9 Feb 2016 21:20

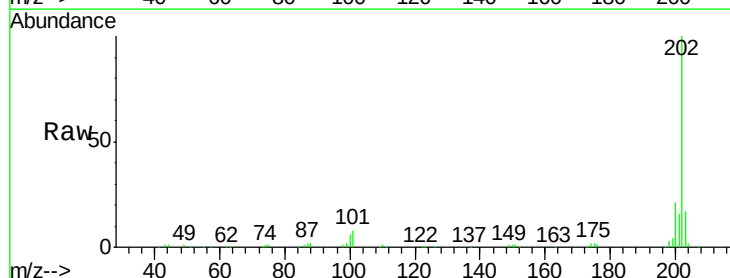
Tgt Ion:202 Resp: 138485

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.0 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

150000

100000

50000

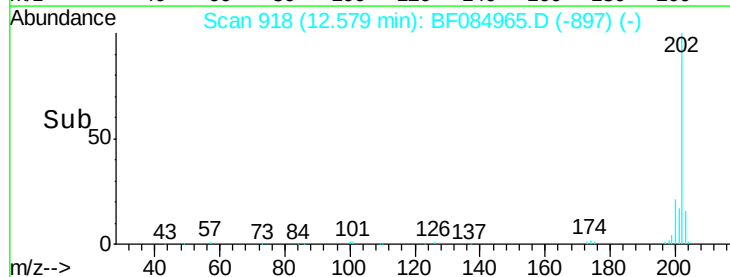
0

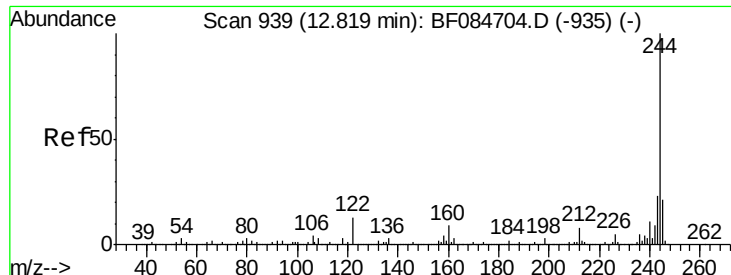
12.58

12.60

12.70

Time-->

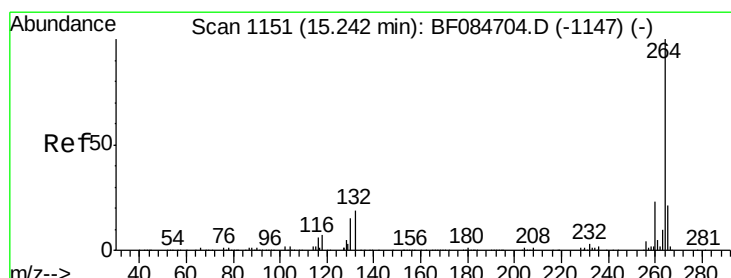
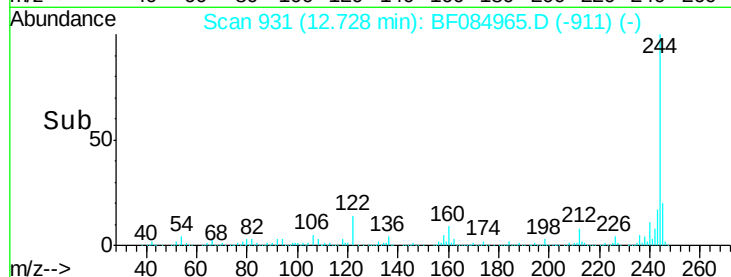
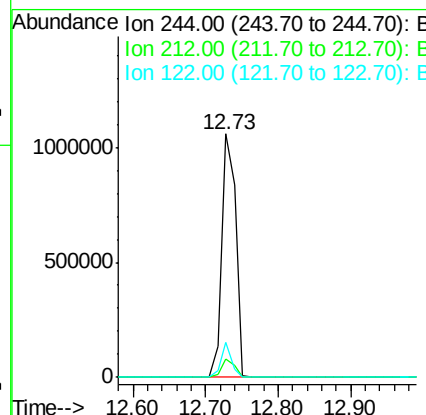
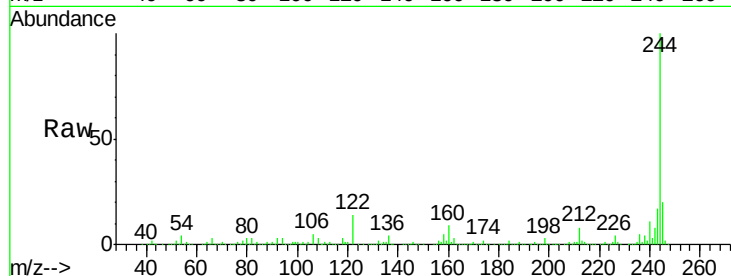




#78
 Terphenyl-d14
 Concen: 72.95 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.07 min
 Lab File: BF084965.D
 Acq: 9 Feb 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Tot Ion:244 Resp: 1404871
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 14.5 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: BF084965.D
 Acq: 9 Feb 2016 21:20

Tgt Ion:264 Resp: 316181
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.0 17.8 26.6

