

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084969.D
 Acq On : 9 Feb 2016 23:12
 Operator : SJ/IZ
 Sample : H1377-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Quant Time: Feb 10 05:01:07 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

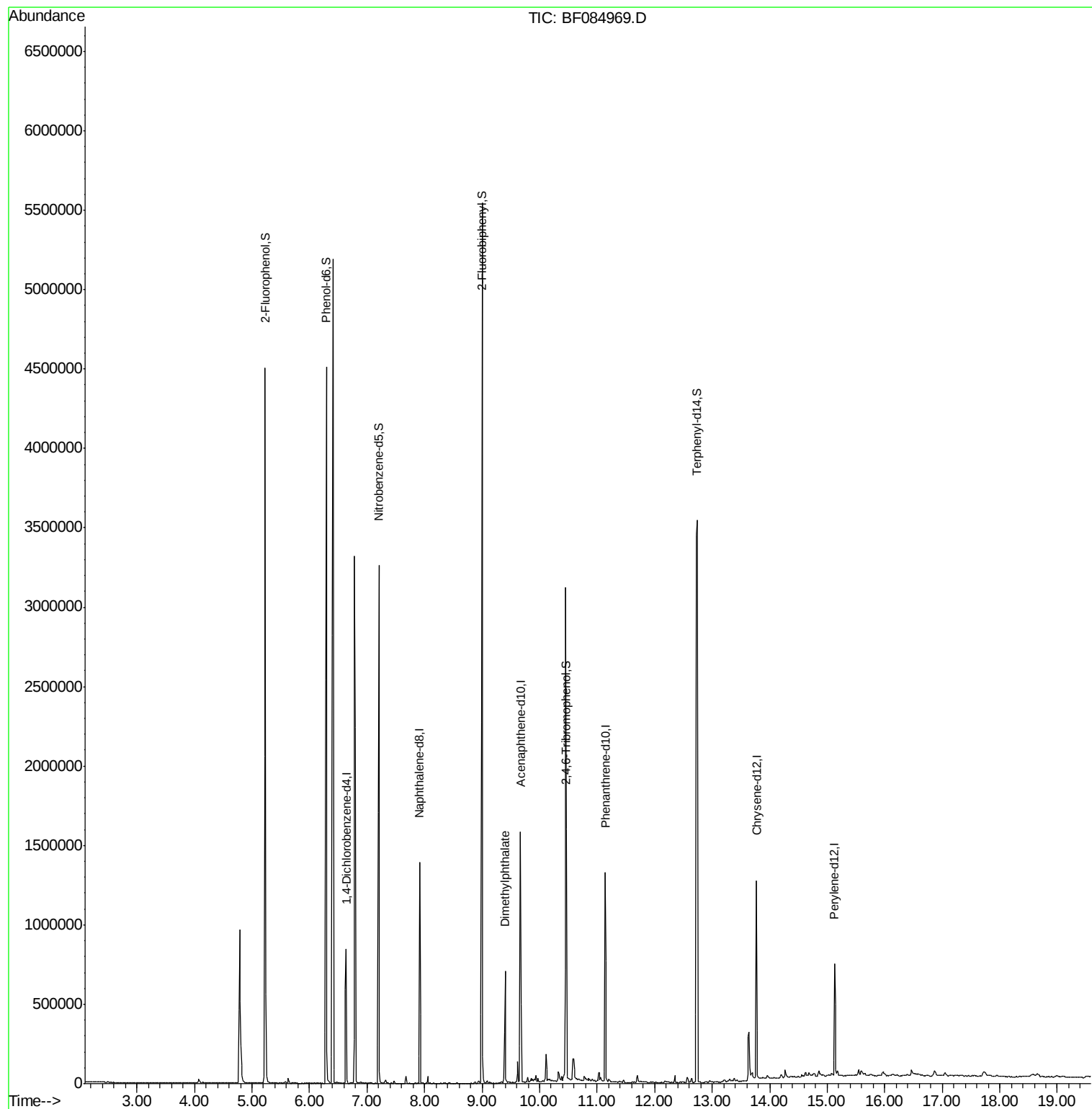
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	163822	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	682963	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	331976	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	588919	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	423985	20.00	ng	-0.07
86) Perylene-d12	15.13	264	330048	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1365509	129.83	ng	-0.05
7) Phenol-d6	6.29	99	1750367	134.24	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1213871	100.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	507783	146.64	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1848268	99.41	ng	-0.06
78) Terphenyl-d14	12.74	244	1732224	92.58	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.40	163	332405	13.15	ng	Qvalue # 91

(#) = 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: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

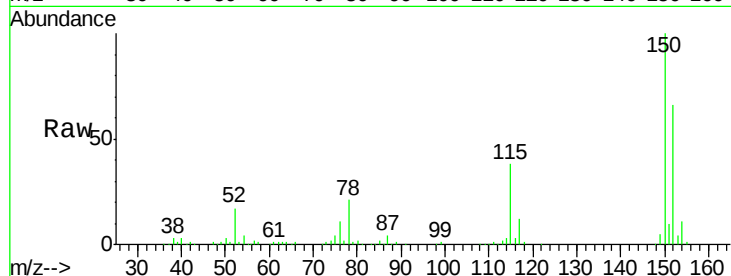
Tot Ion:152 Resp: 163822

Ion Ratio Lower Upper

152 100

150 151.0 123.0 184.4

115 57.8 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

300000

250000

200000

150000

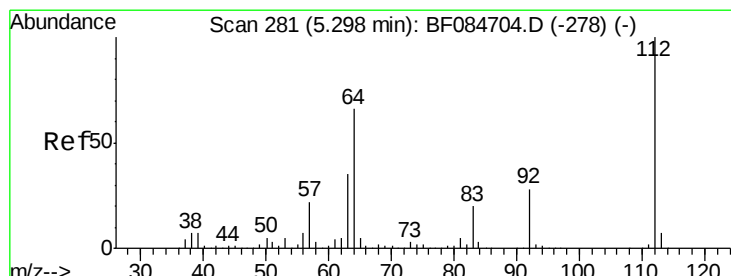
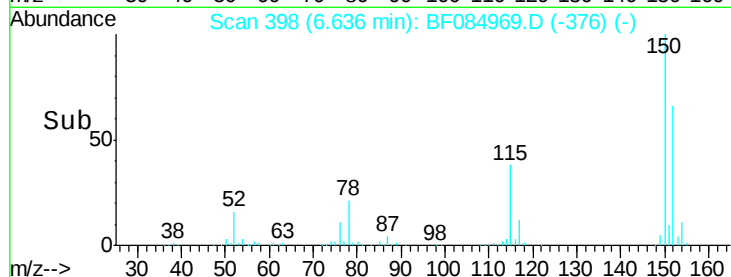
100000

50000

0

6.60 6.65 6.70

Time-->



#5

2-Fluorophenol

Concen: 129.83 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

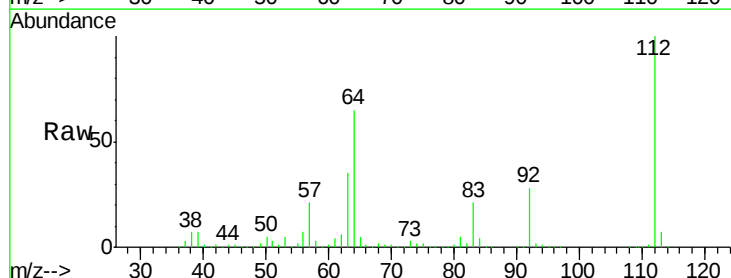
Tgt Ion:112 Resp: 1365509

Ion Ratio Lower Upper

112 100

64 64.7 36.6 55.0#

63 34.6 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

1500000

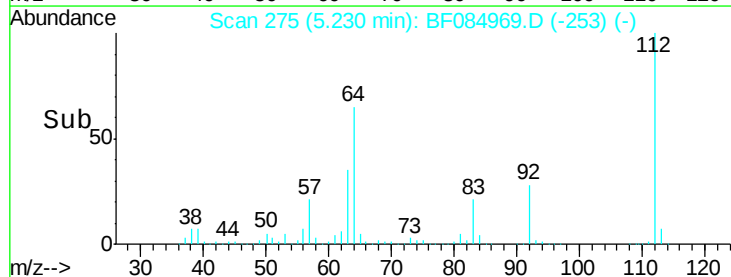
1000000

500000

0

5.10 5.20 5.30 5.40

Time-->





#7

Phenol-d6

Concen: 134.24 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

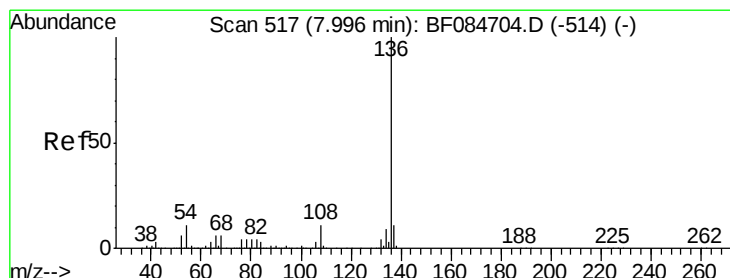
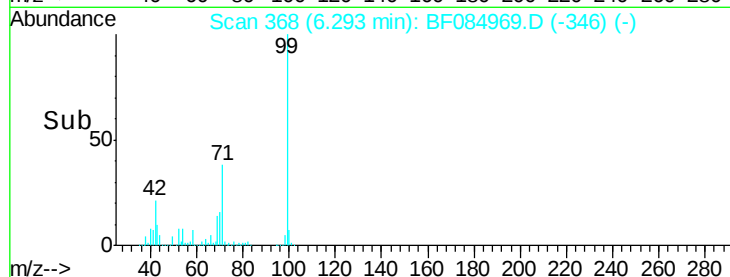
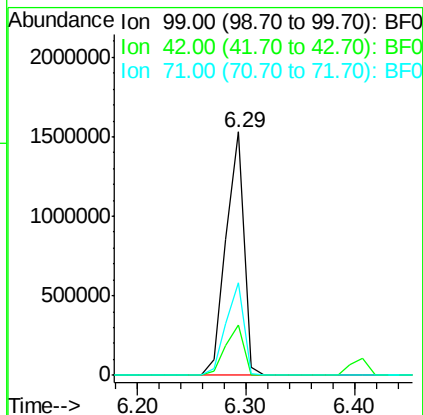
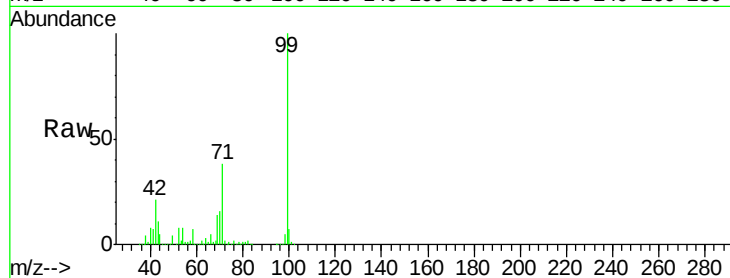
BNA_F

ClientSampleId :

SB02-2-3

Tot Ion: 99 Resp: 1750367

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	38.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

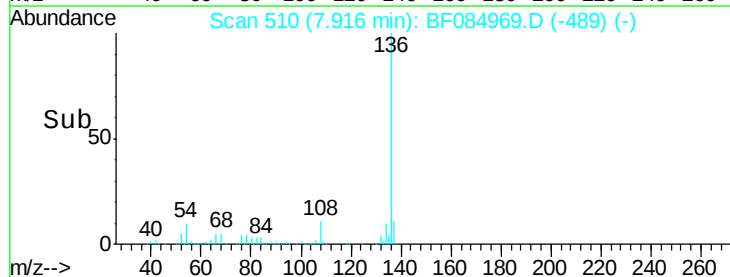
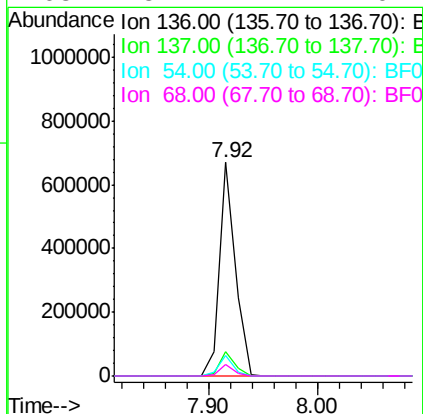
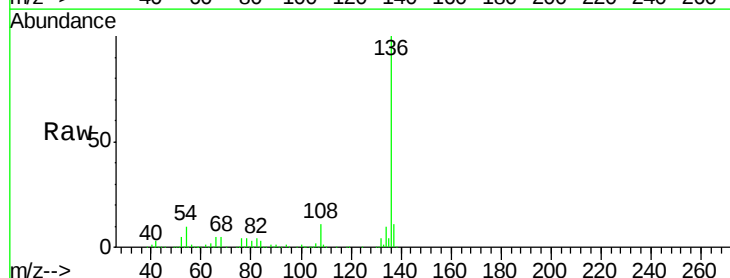
Delta R.T. -0.06 min

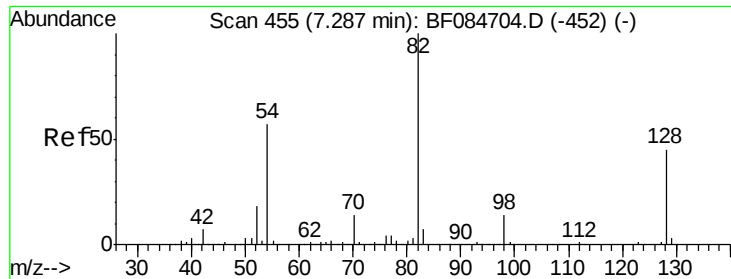
Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

Tgt Ion: 136 Resp: 682963

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.8	5.8	8.8#
68	5.4	4.2	6.2



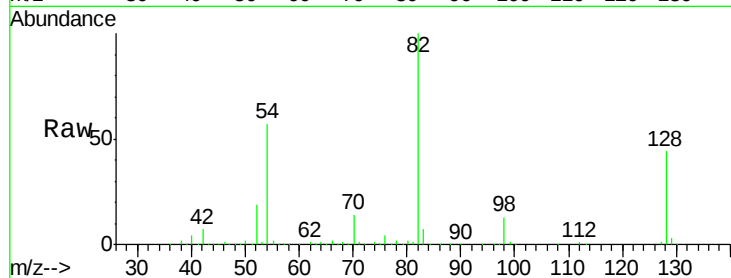


#23
 Nitrobenzene-d5
 Concen: 100.12 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

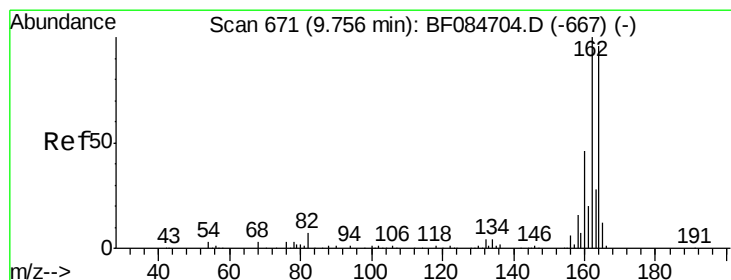
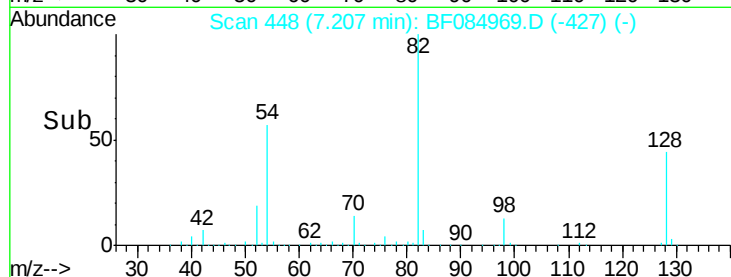
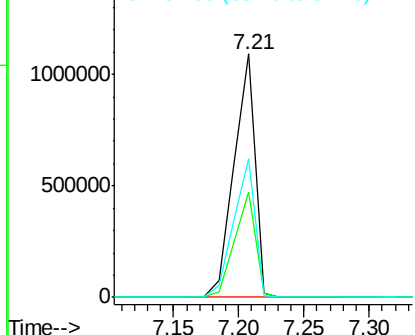
Instrument :
 BNA_F
 ClientSampleID :
 SB02-2-3

Tot Ion: 82 Resp: 1213871

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	57.0	38.4	57.6



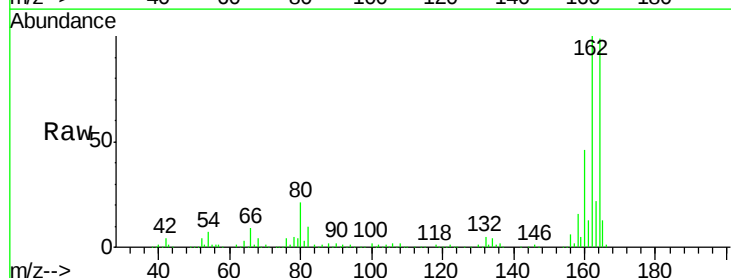
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



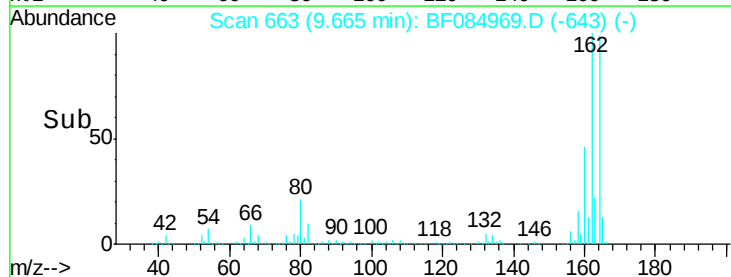
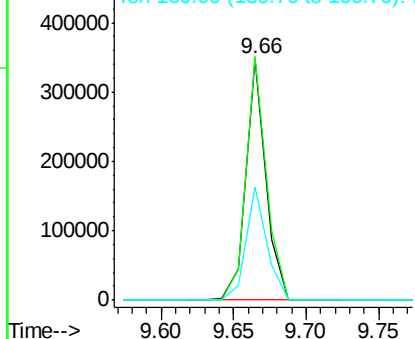
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Tgt Ion:164 Resp: 331976

Ion	Ratio	Lower	Upper
164	100		
162	100.8	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

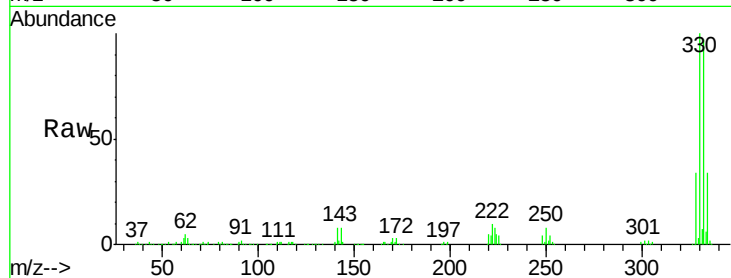




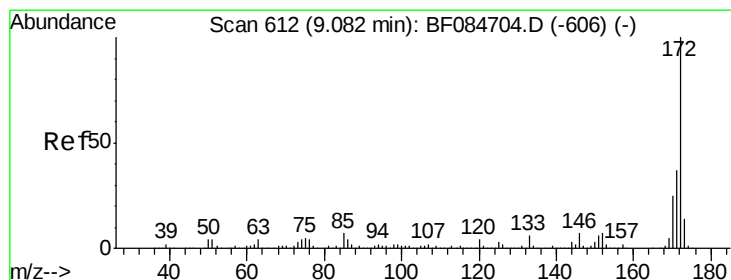
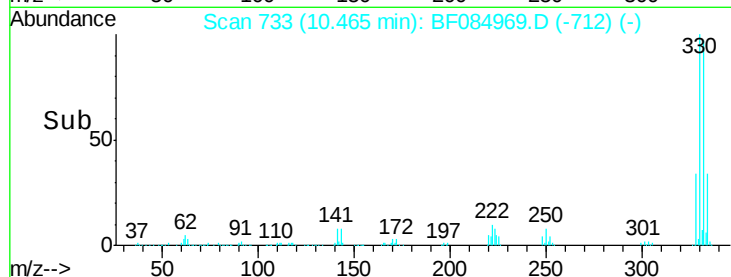
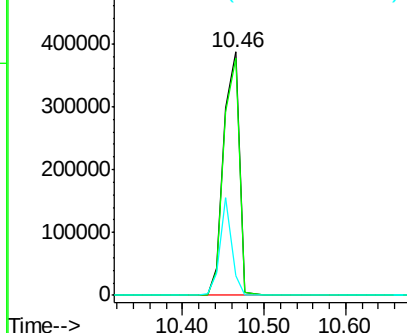
#41
 2,4,6-Tribromophenol
 Concen: 146.64 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Tot Ion:330 Resp: 507783
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 31.0 27.8 41.6

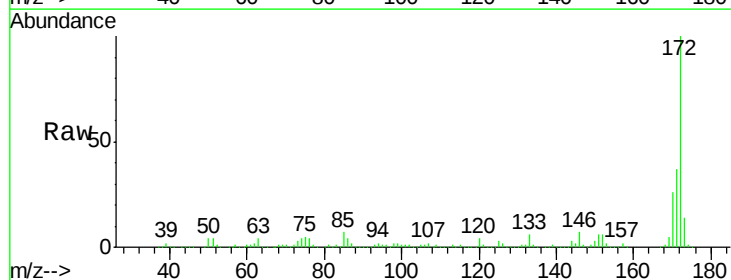


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

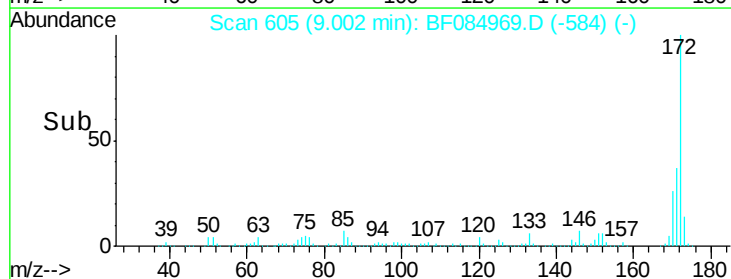
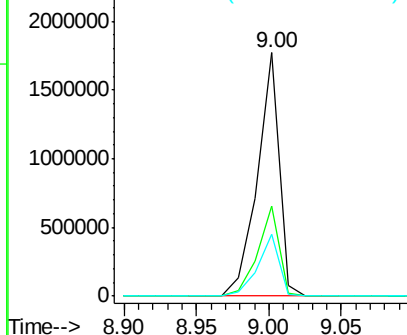


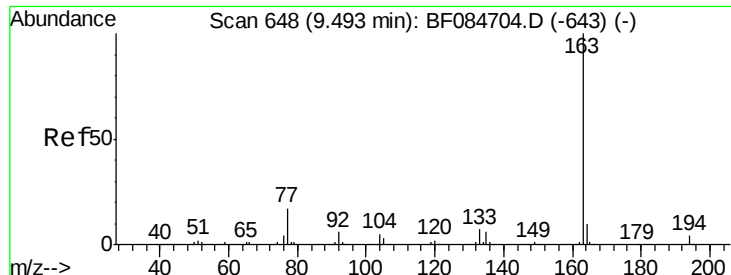
#44
 2-Fluorobiphenyl
 Concen: 99.41 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Tgt Ion:172 Resp: 1848268
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.5 18.6 27.8



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

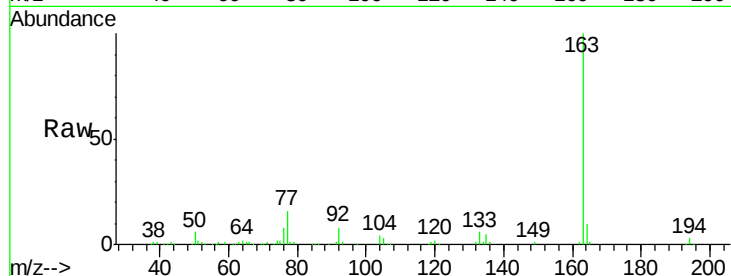




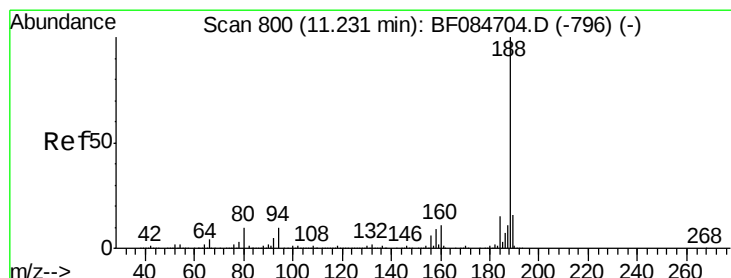
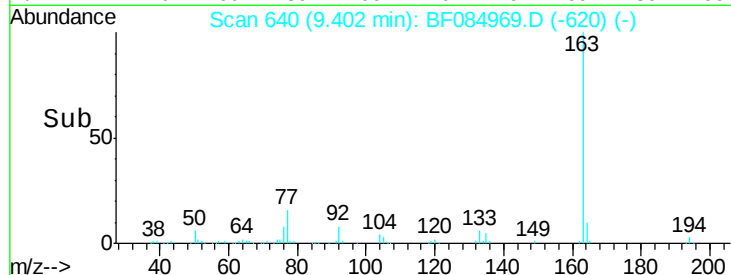
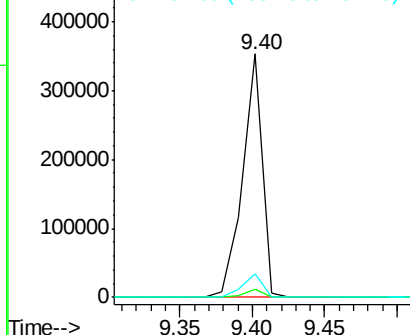
#49
Dimethylphthalate
Concen: 13.15 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084969.D
Acq: 9 Feb 2016 23:12

Instrument :
BNA_F
ClientSampleId :
SB02-2-3

Tot Ion:163 Resp: 332405
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 9.8 8.0 12.0

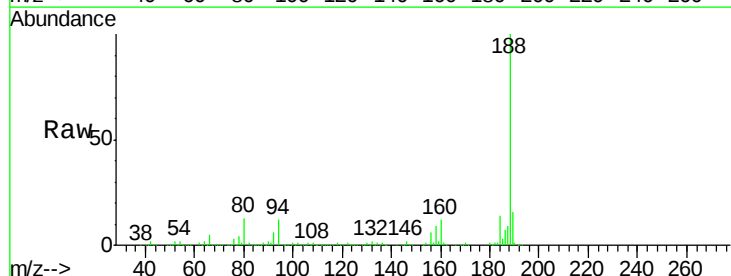


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

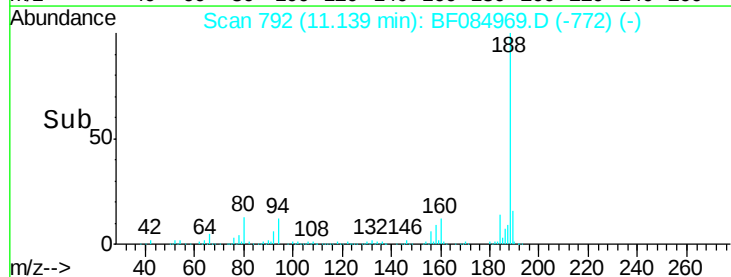
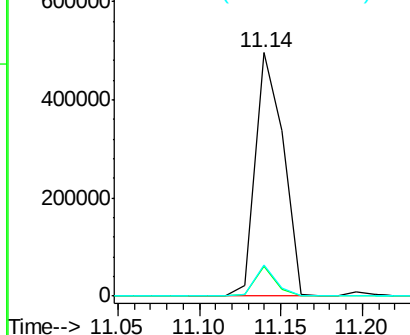


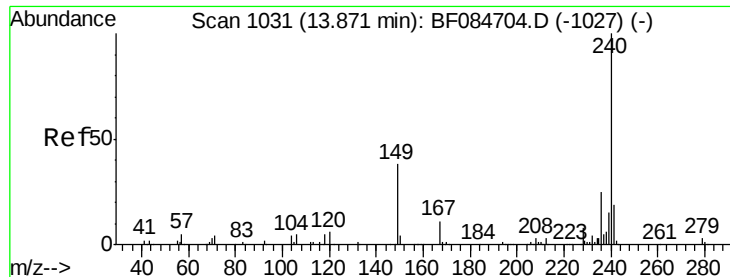
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084969.D
Acq: 9 Feb 2016 23:12

Tgt Ion:188 Resp: 588919
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.4
80 12.6 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: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

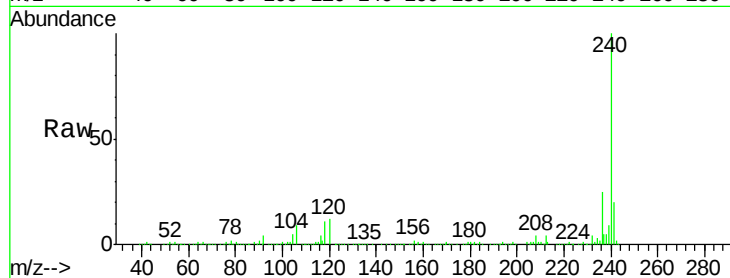
Tot Ion:240 Resp: 423985

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

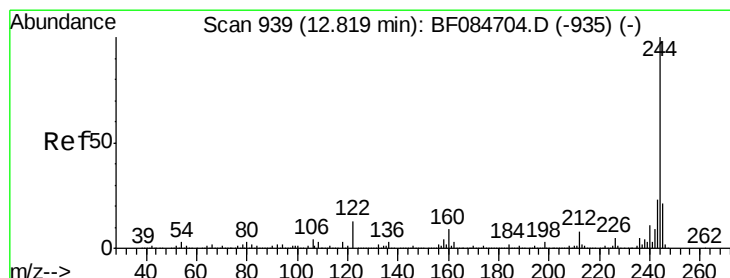
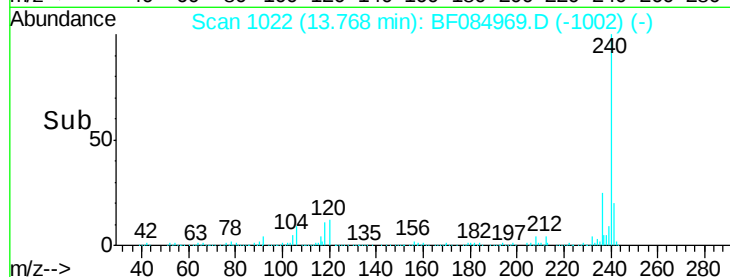
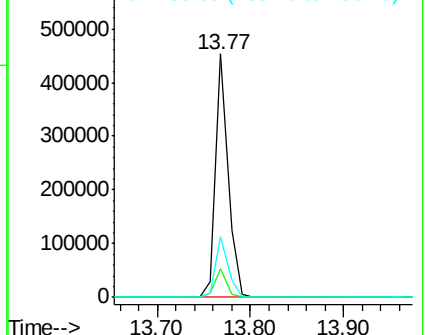
236 25.1 20.6 31.0



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



#78

Terphenyl-d14

Concen: 92.58 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

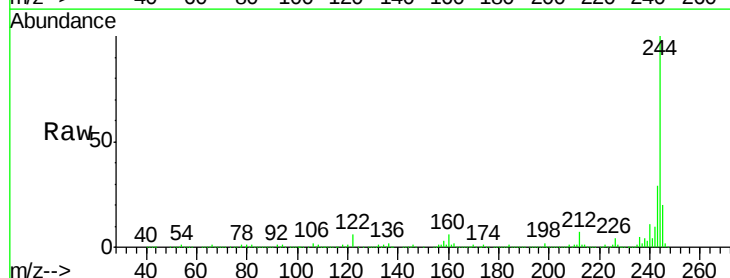
Tgt Ion:244 Resp: 1732224

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

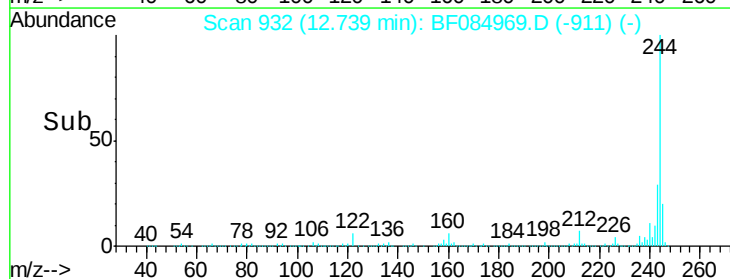
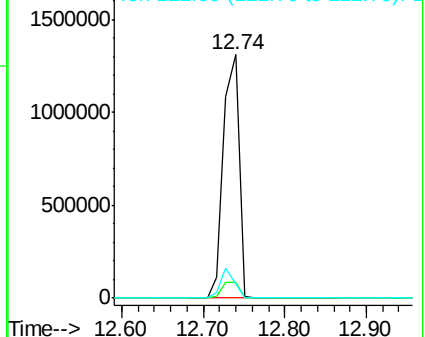
122 6.2 7.4 11.0#

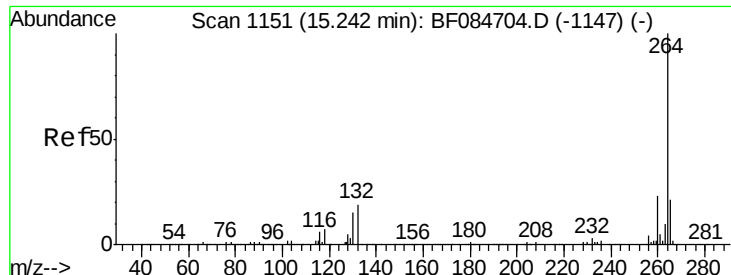


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

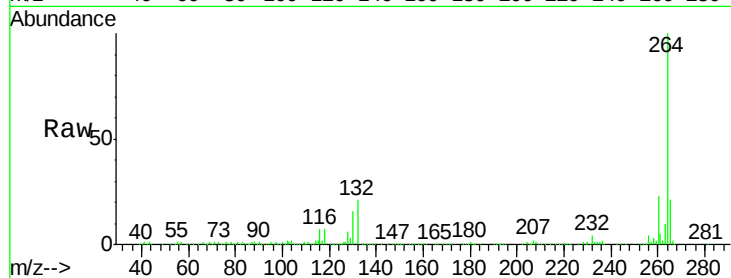




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Tot Ion:264 Resp: 330048
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.4 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

