

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084821.D
 Acq On : 4 Feb 2016 8:20
 Operator : SJ/IZ
 Sample : H1322-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B008(10-13)

Quant Time: Feb 04 10:04:27 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

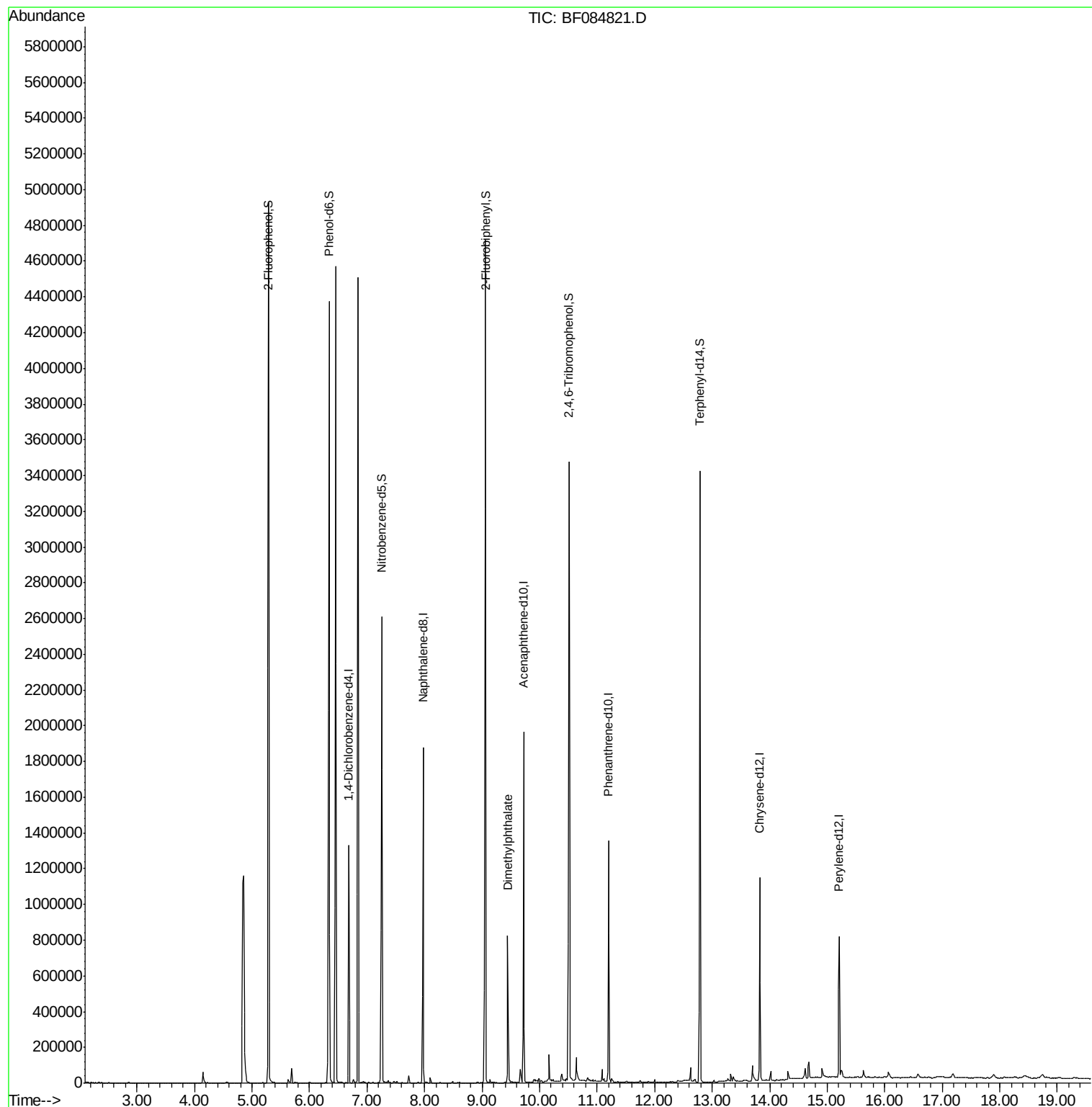
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	188929	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	837882	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	369740	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	620322	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	448353	20.00	ng	-0.01
86) Perylene-d12	15.21	264	374400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1476036	121.69	ng	0.01
7) Phenol-d6	6.34	99	1776424	118.14	ng	0.00
23) Nitrobenzene-d5	7.25	82	1221313	82.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	456396	118.34	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1958640	91.59	ng	0.00
78) Terphenyl-d14	12.78	244	1471052	74.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	363754	12.92	ng	Qvalue # 90

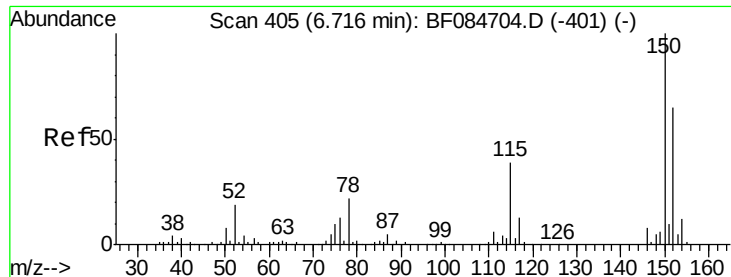
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

S4-B008(10-13)

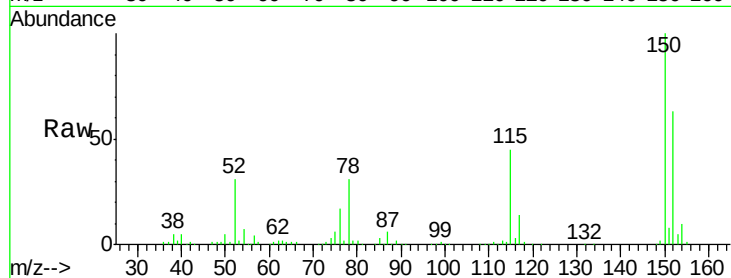
Tot Ion:152 Resp: 188929

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

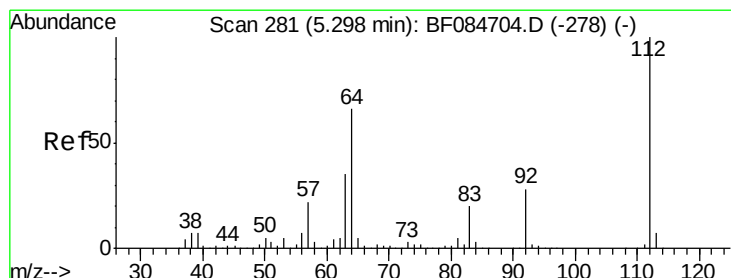
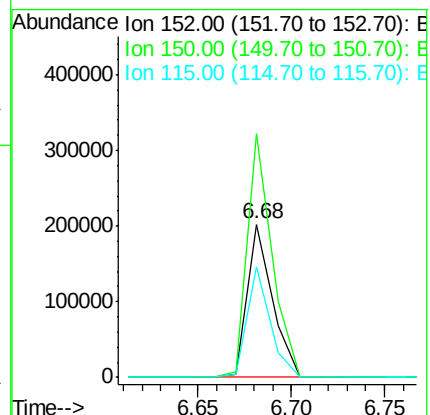
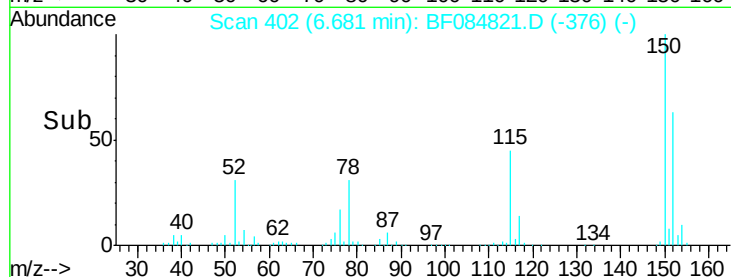
115 71.9 51.4 77.2



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: 121.69 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

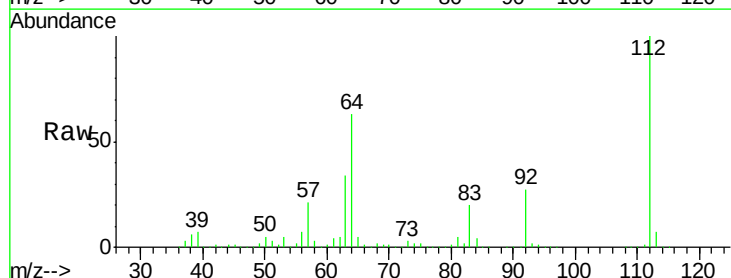
Tgt Ion:112 Resp: 1476036

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

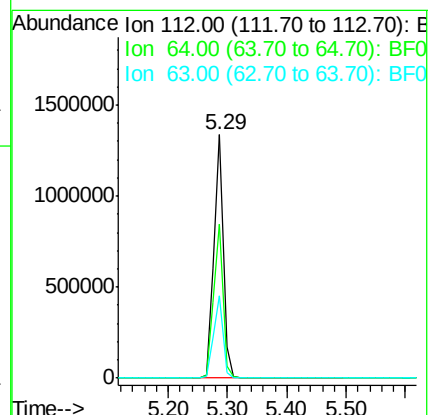
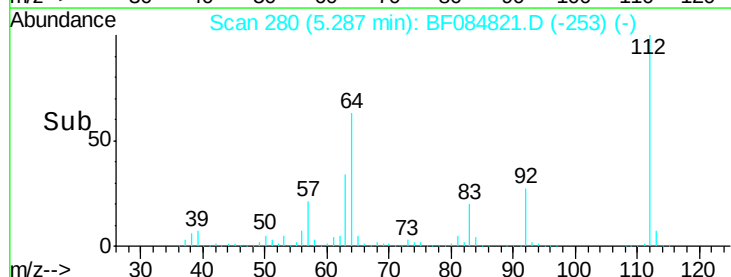
63 33.6 19.4 29.0#

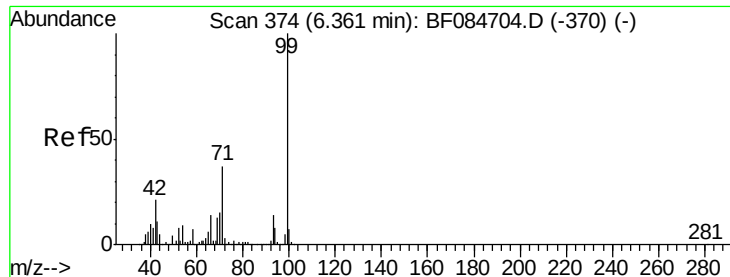


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.14 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

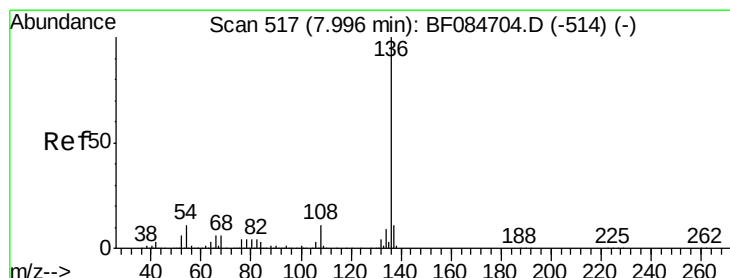
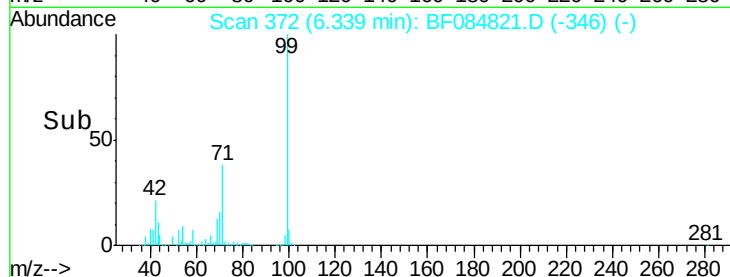
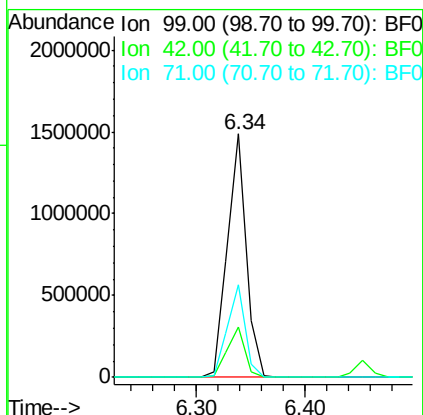
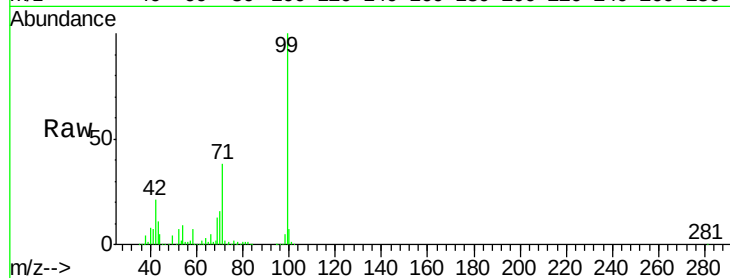
BNA_F

ClientSampleId :

S4-B008(10-13)

Tot Ion: 99 Resp: 1776424

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	38.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

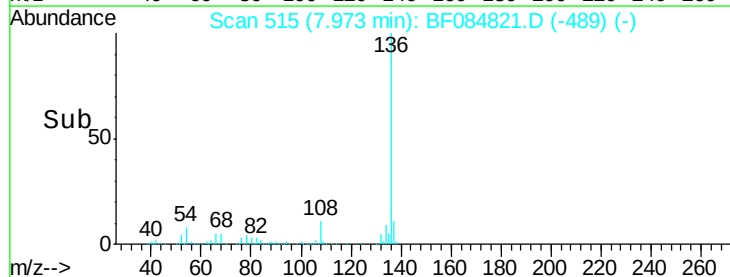
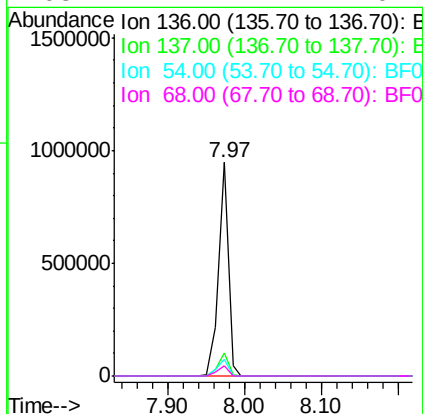
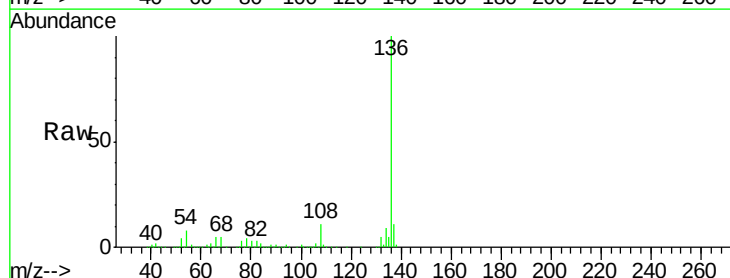
Delta R.T. -0.00 min

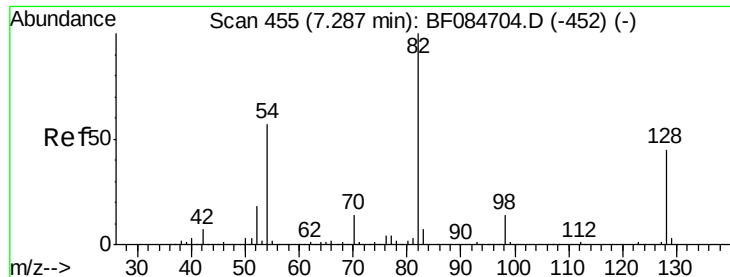
Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Tgt Ion: 136 Resp: 837882

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.9	5.8	8.8
68	4.7	4.2	6.2





#23

Nitrobenzene-d5

Concen: 82.11 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

S4-B008(10-13)

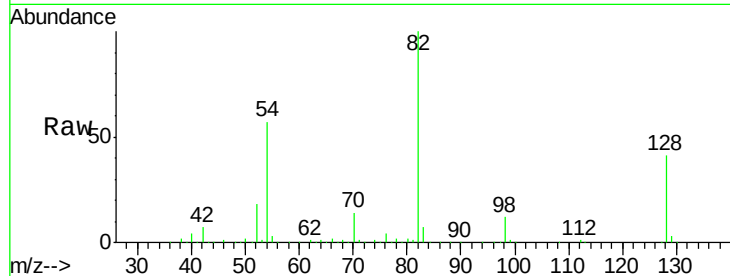
Tot Ion: 82 Resp: 1221313

Ion Ratio Lower Upper

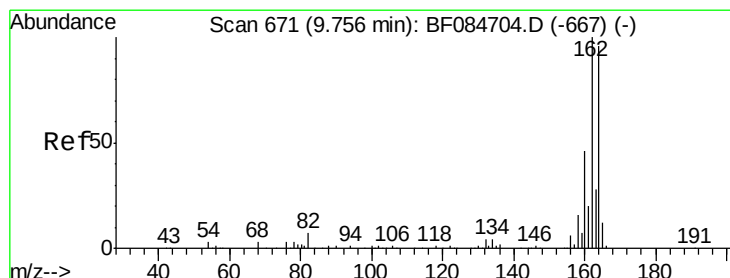
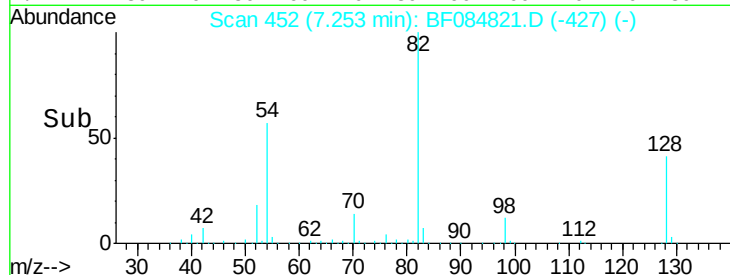
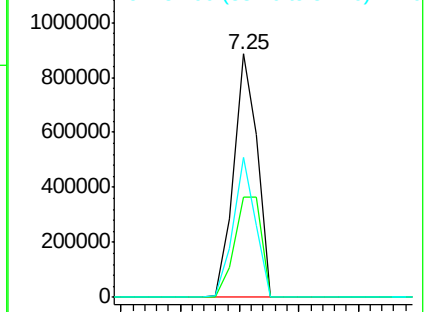
82 100

128 41.3 34.6 51.8

54 57.3 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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

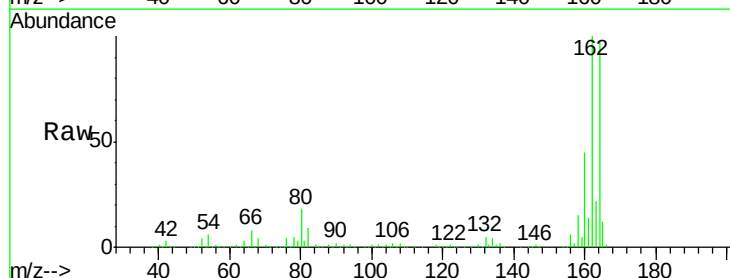
Tgt Ion:164 Resp: 369740

Ion Ratio Lower Upper

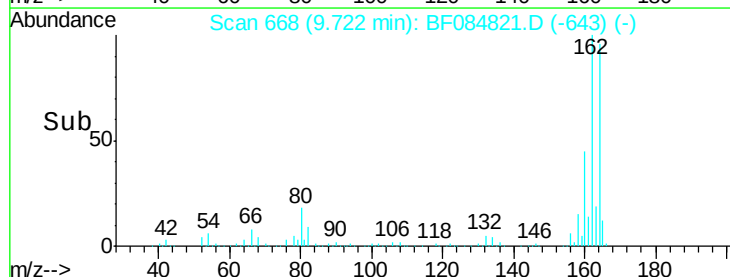
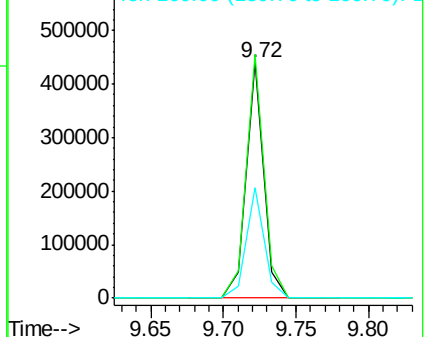
164 100

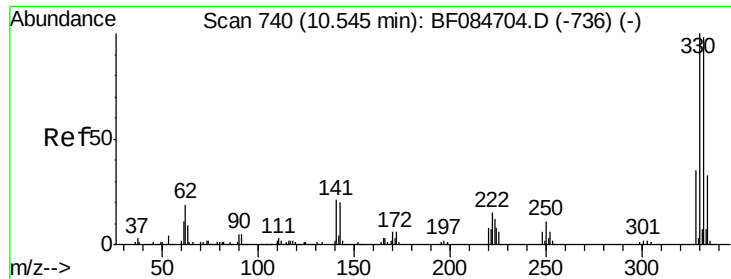
162 103.4 85.1 127.7

160 46.8 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

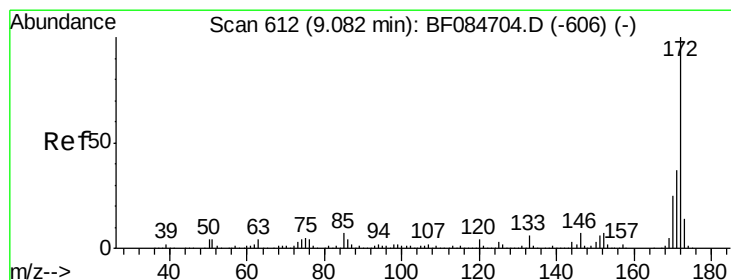
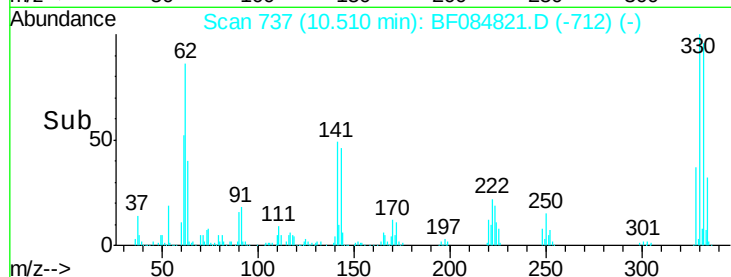
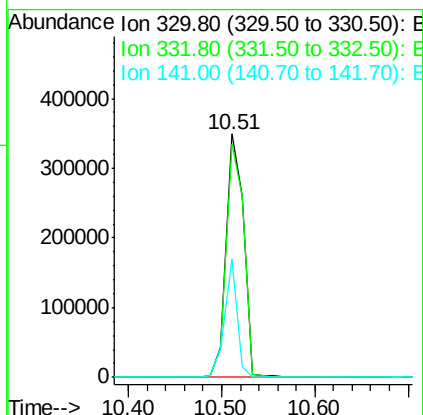
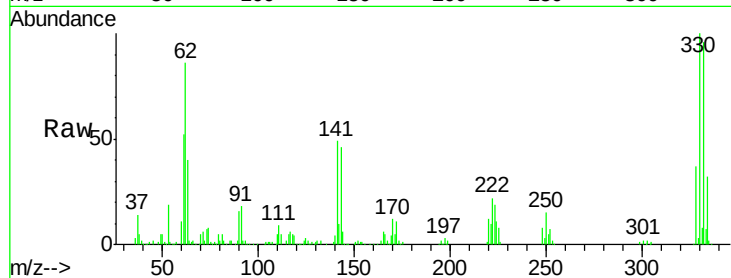




#41
 2,4,6-Tribromophenol
 Concen: 118.34 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084821.D
 Acq: 4 Feb 2016 8:20

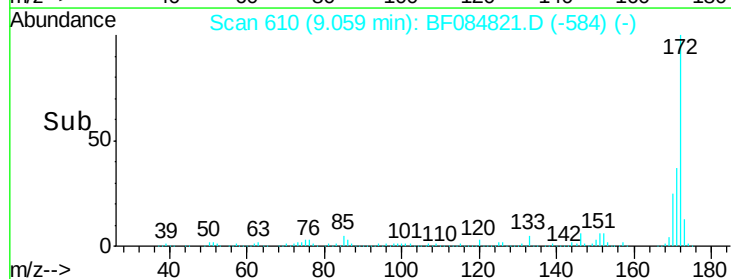
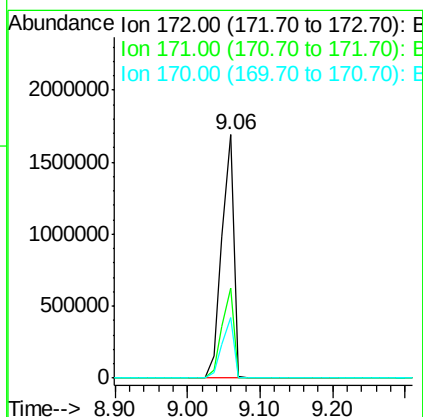
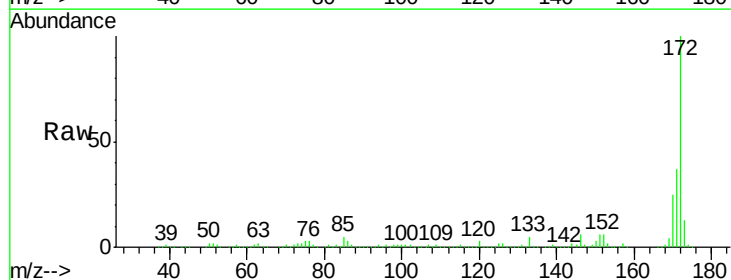
Instrument :
 BNA_F
 ClientSampleId :
 S4-B008(10-13)

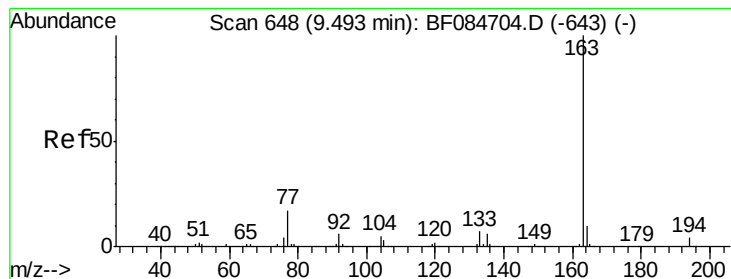
Tot Ion:330 Resp: 456396
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 34.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 91.59 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084821.D
 Acq: 4 Feb 2016 8:20

Tgt Ion:172 Resp: 1958640
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.9 18.6 27.8





#49

Dimethylphthalate

Concen: 12.92 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

S4-B008(10-13)

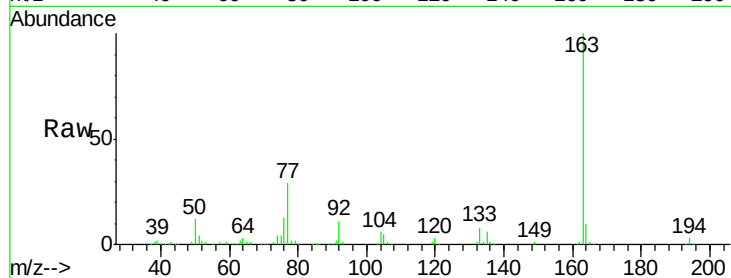
Tot Ion:163 Resp: 363754

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

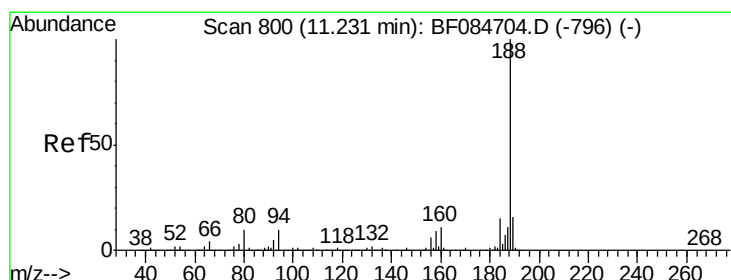
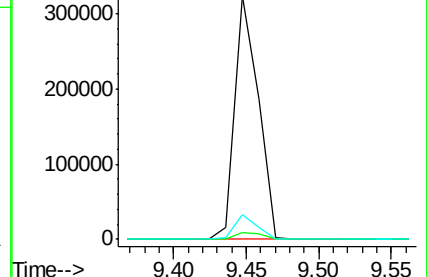
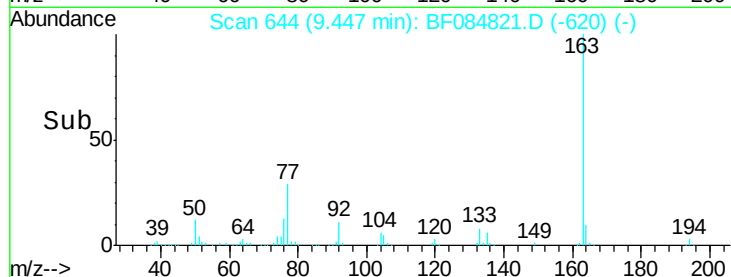
164 10.3 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

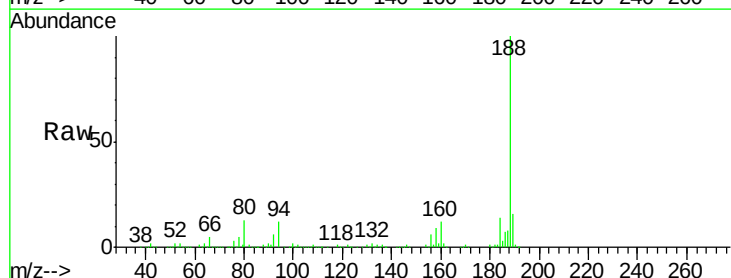
Tgt Ion:188 Resp: 620322

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

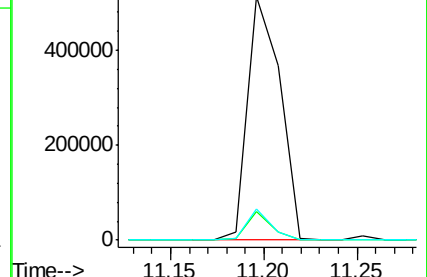
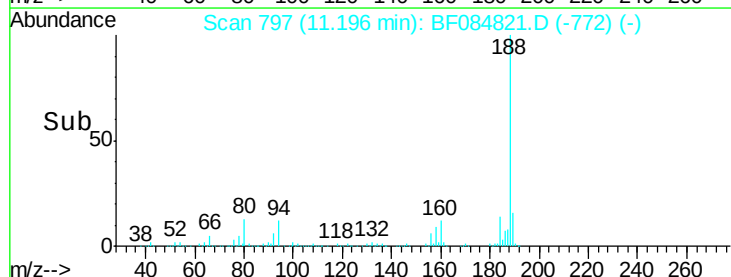
80 12.8 9.6 14.4

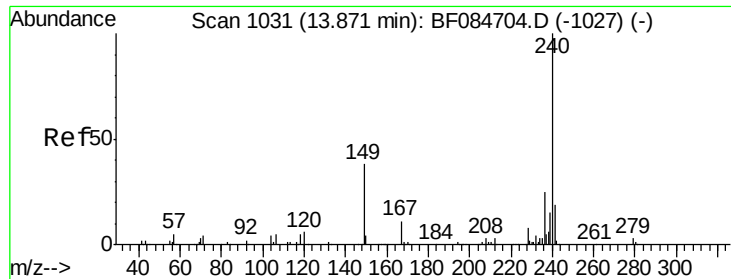


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

S4-B008(10-13)

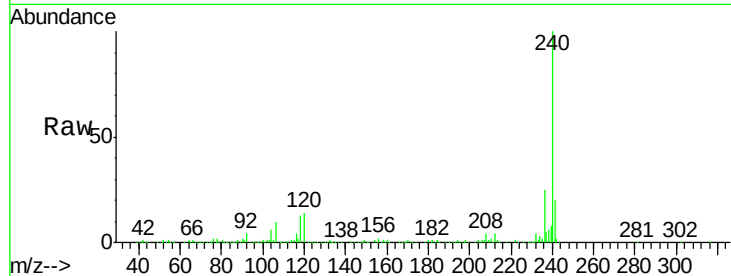
Tot Ion:240 Resp: 448353

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

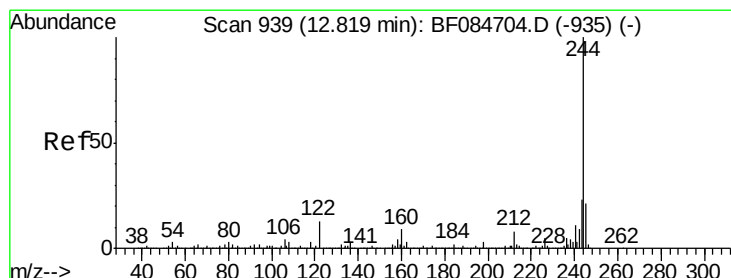
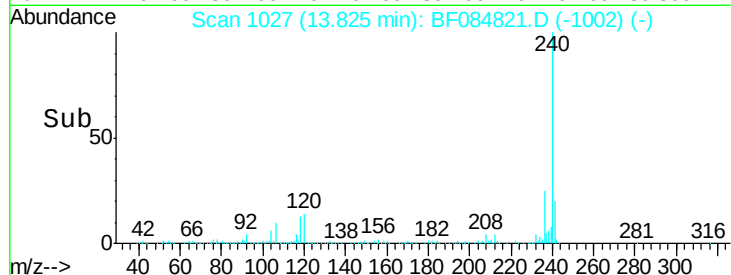
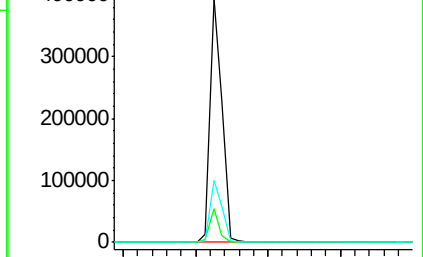
236 25.2 20.6 31.0



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: 74.35 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

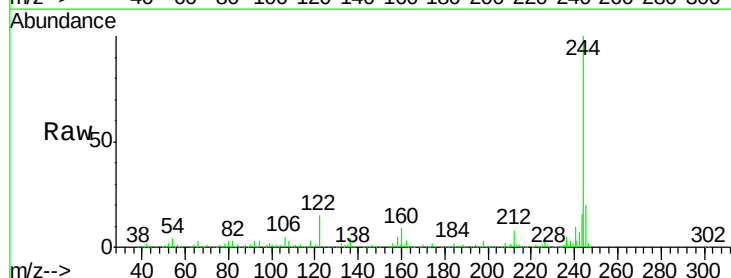
Tgt Ion:244 Resp: 1471052

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

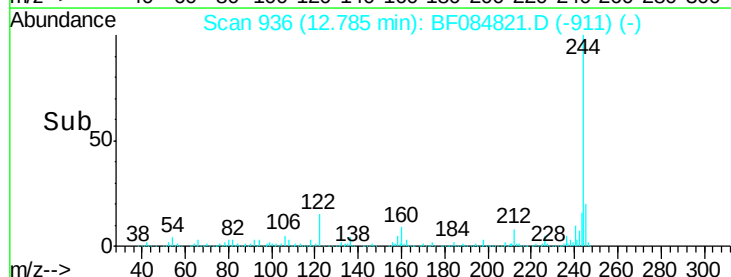
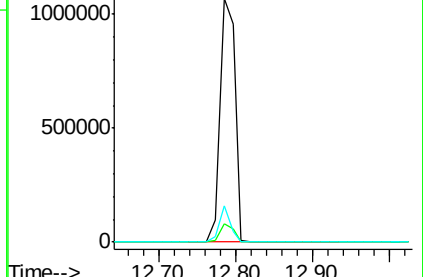
122 14.9 7.4 11.0#

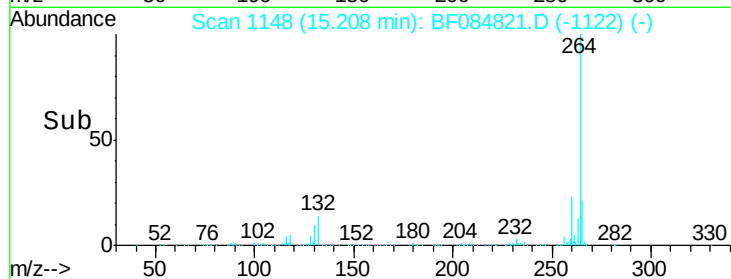
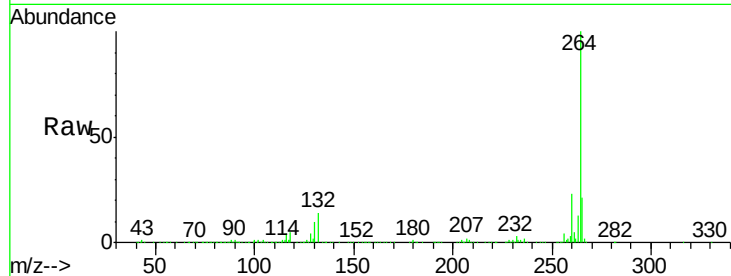
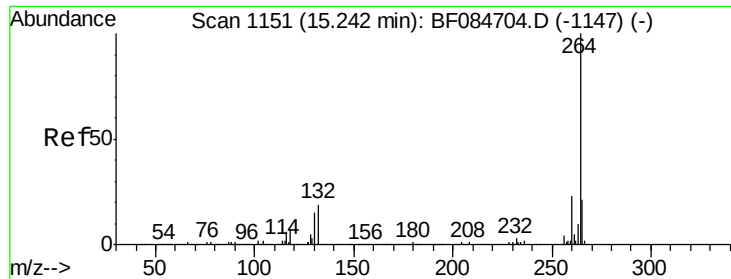


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084821.D
 Acq: 4 Feb 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 S4-B008(10-13)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.2	17.8	26.6

