

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084816.D
 Acq On : 4 Feb 2016 6:00
 Operator : SJ/IZ
 Sample : H1312-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

Quant Time: Feb 04 06:28:08 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

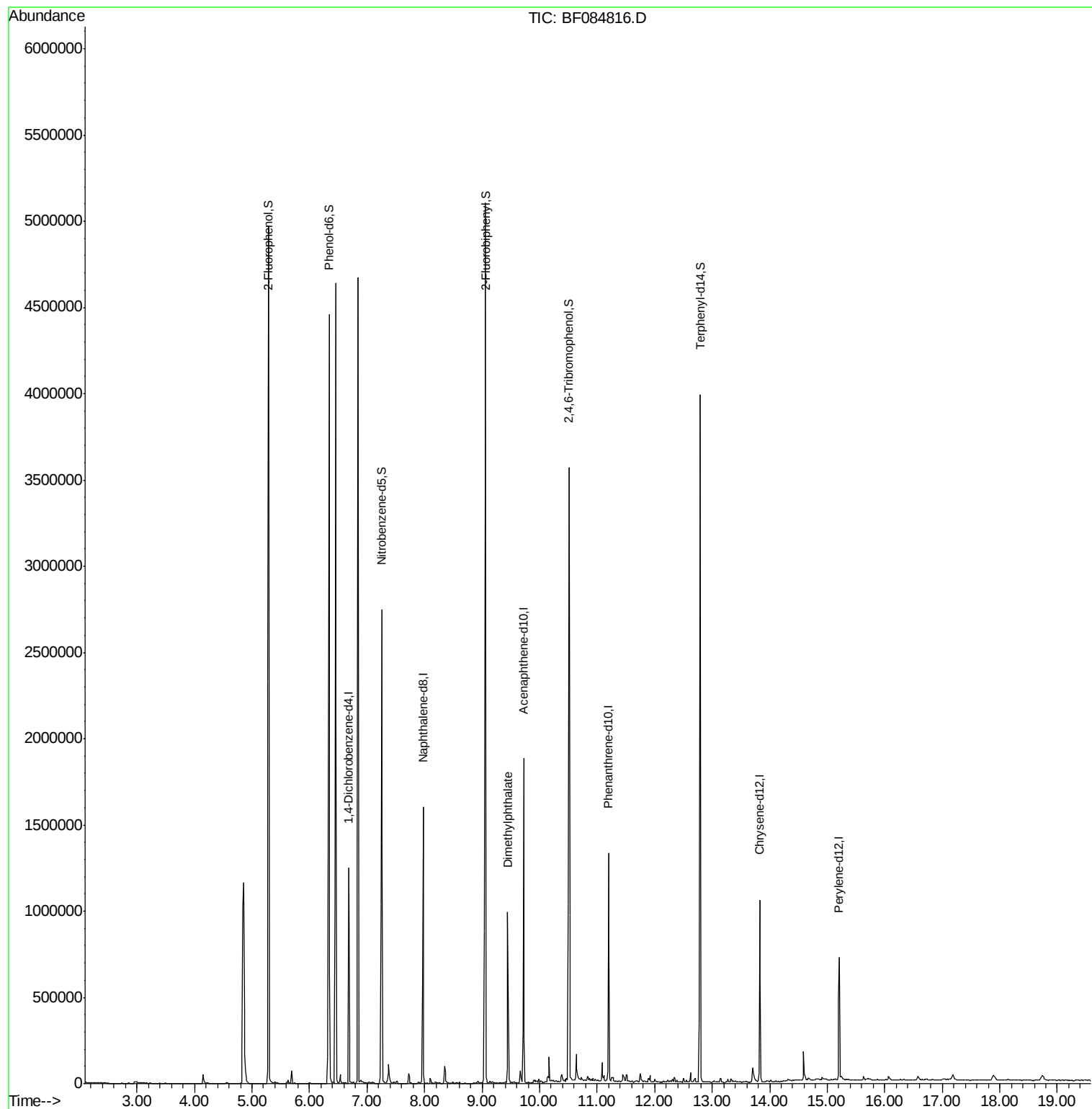
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	175541	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	773654	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	357222	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	611271	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	441307	20.00	ng	-0.01
86) Perylene-d12	15.21	264	341172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1495407	132.69	ng	0.01
7) Phenol-d6	6.34	99	1775384	127.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	1206078	87.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	488203	131.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2183155	118.47	ng	0.00
78) Terphenyl-d14	12.80	244	1744722	89.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	473502	17.40	ng	# 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: BF084816.D

Acq: 4 Feb 2016 6:00

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BNA_F

ClientSampleId :

SUP-B012(46-48)

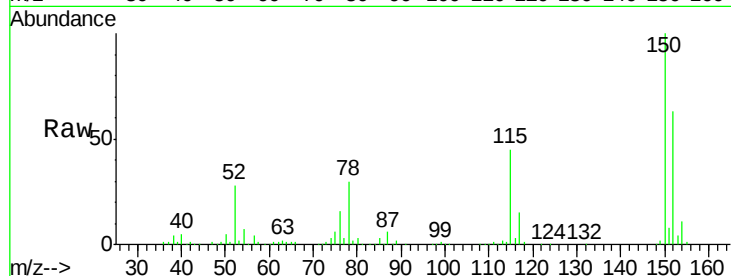
Tot Ion:152 Resp: 175541

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

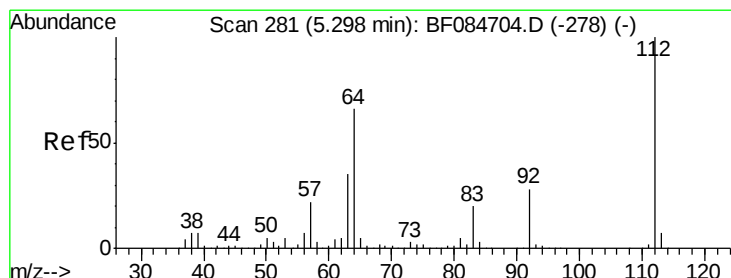
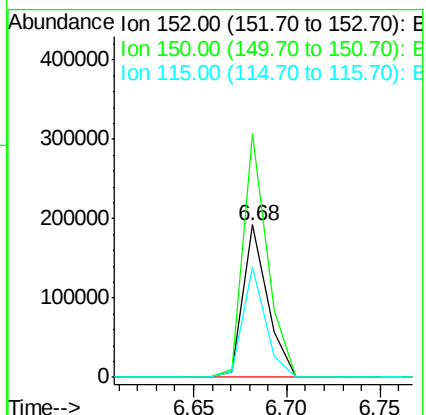
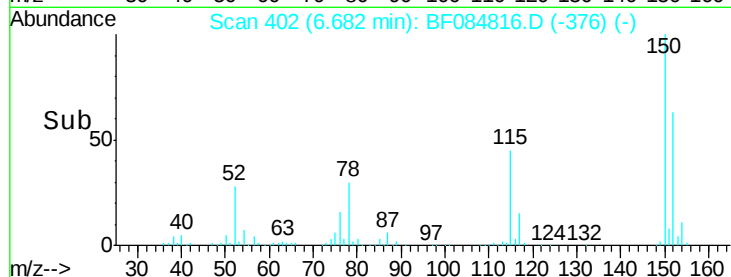
115 72.2 51.4 77.2



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: 132.69 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

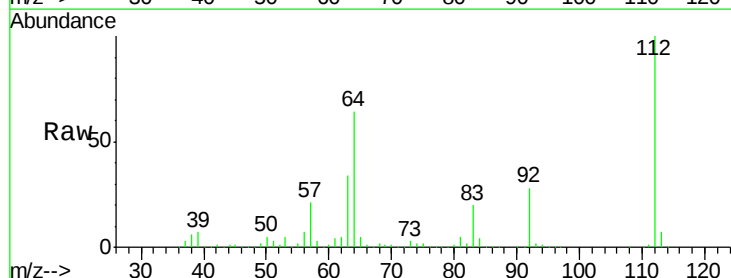
Tgt Ion:112 Resp: 1495407

Ion Ratio Lower Upper

112 100

64 64.5 36.6 55.0#

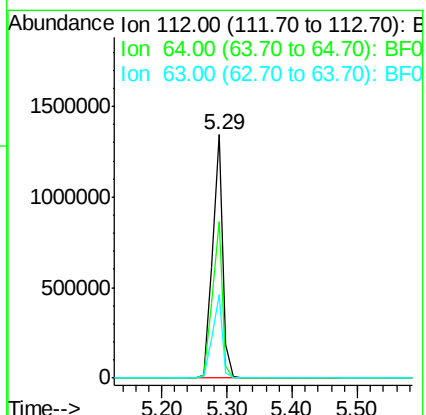
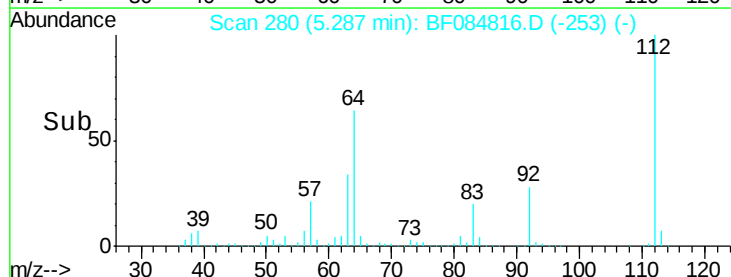
63 34.1 19.4 29.0#

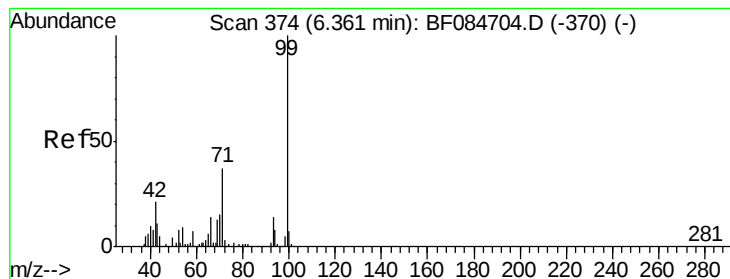


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.07 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

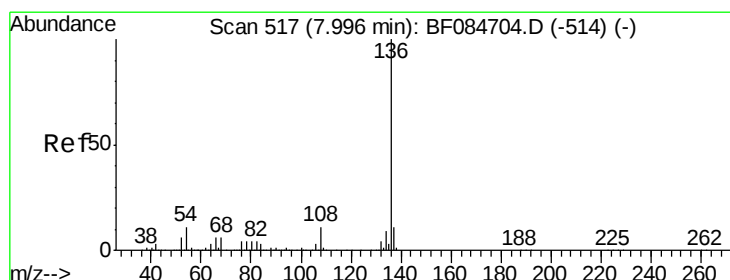
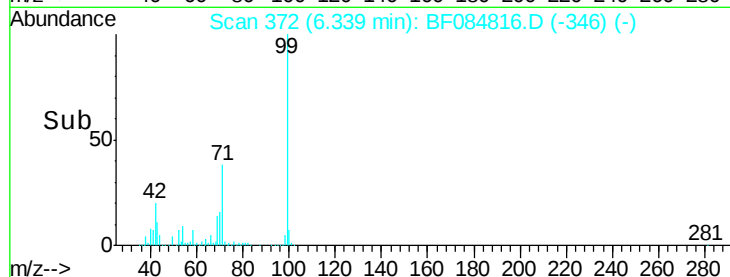
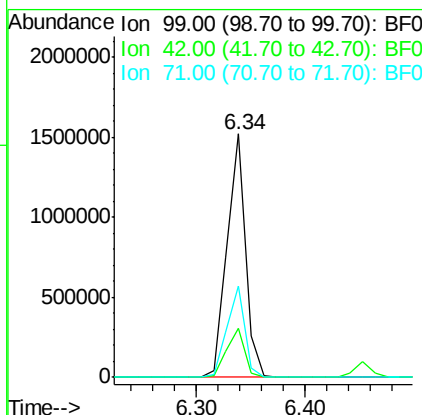
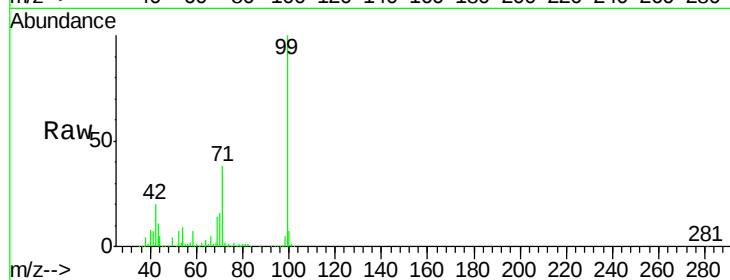
BNA_F

ClientSampleId :

SUP-B012(46-48)

Tot Ion: 99 Resp: 1775384

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

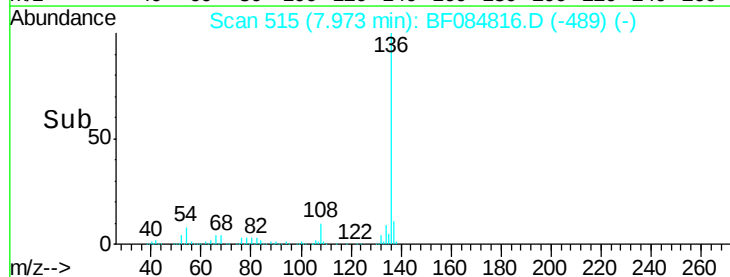
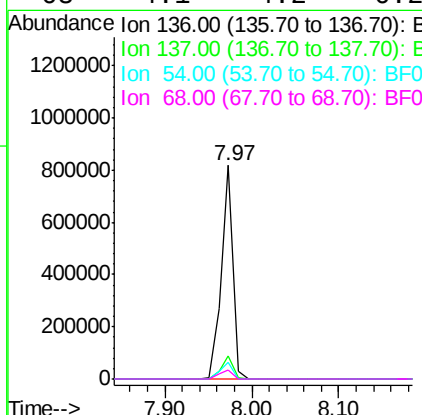
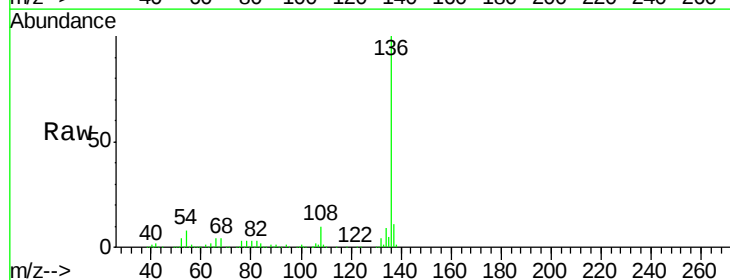
Delta R.T. 0.00 min

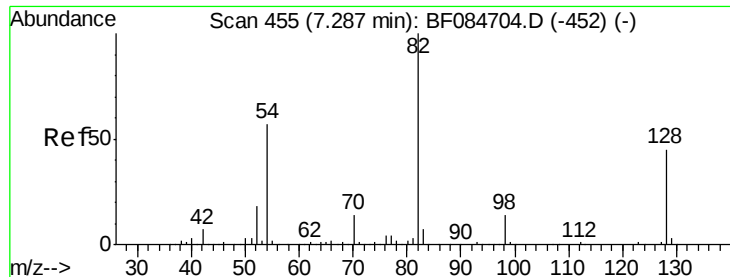
Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Tgt Ion: 136 Resp: 773654

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	5.8	8.8
68	4.1	4.2	6.2#

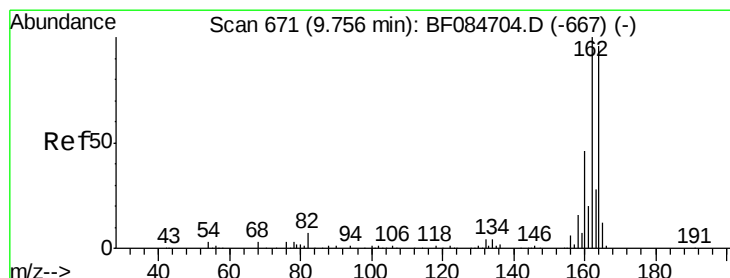
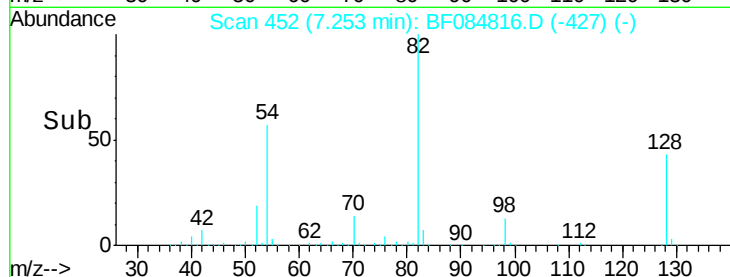
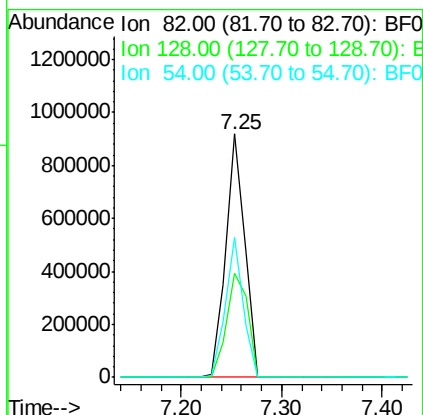
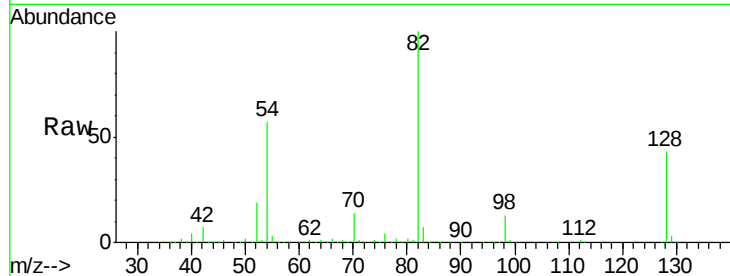




#23
 Nitrobenzene-d5
 Concen: 87.82 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

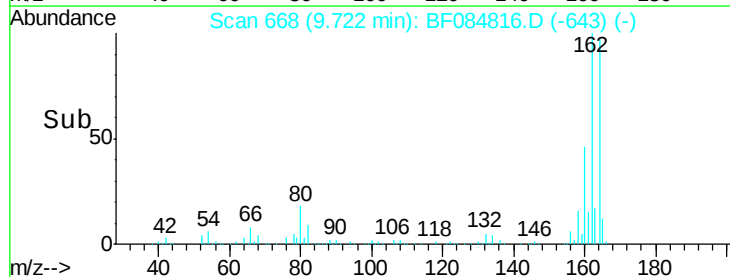
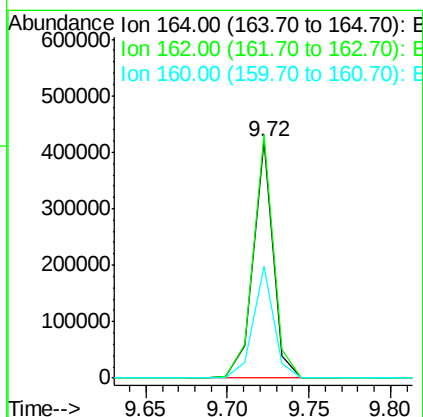
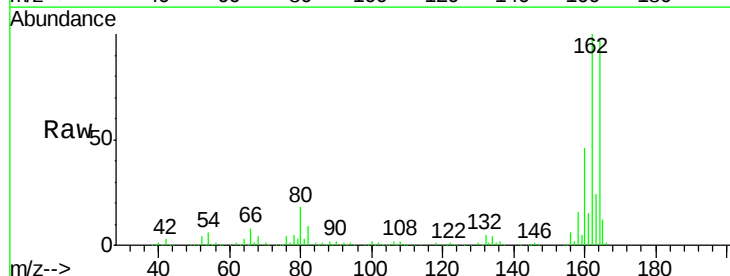
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

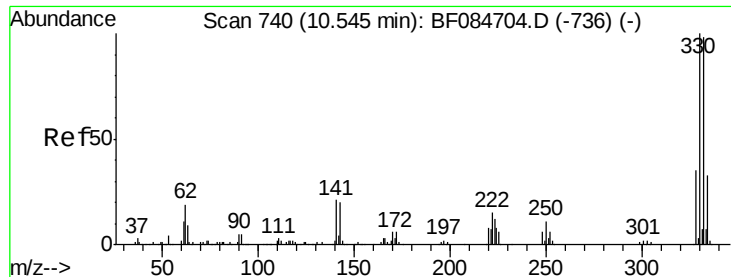
Tot Ion: 82 Resp: 1206078
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 51.8
 54 57.4 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

Tgt Ion:164 Resp: 357222
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 47.0 37.5 56.3

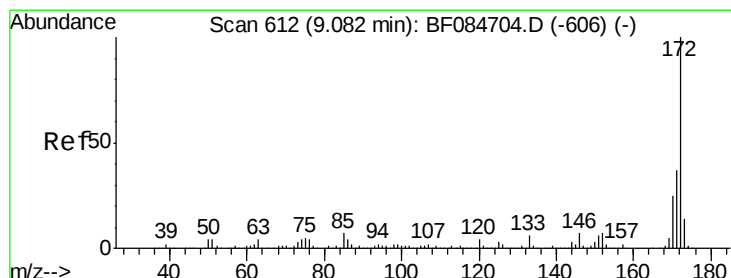
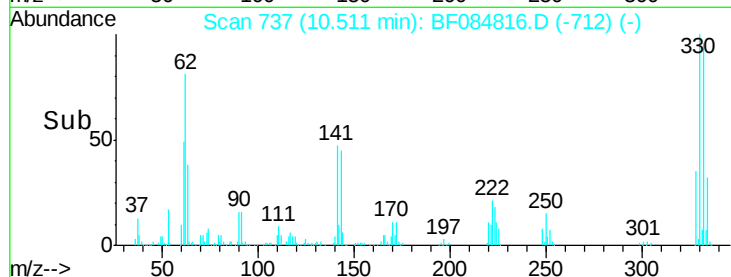
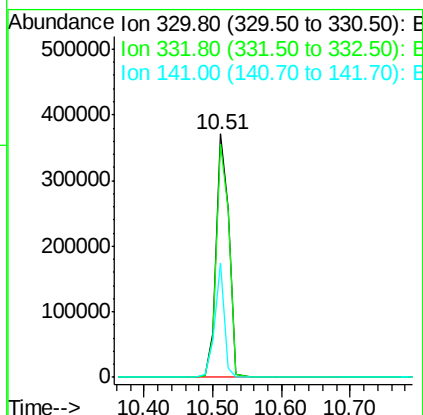
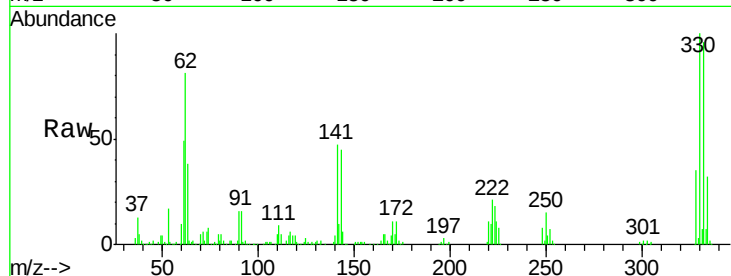




#41
 2,4,6-Tribromophenol
 Concen: 131.02 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

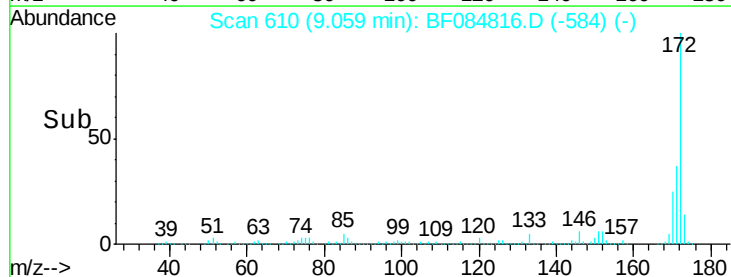
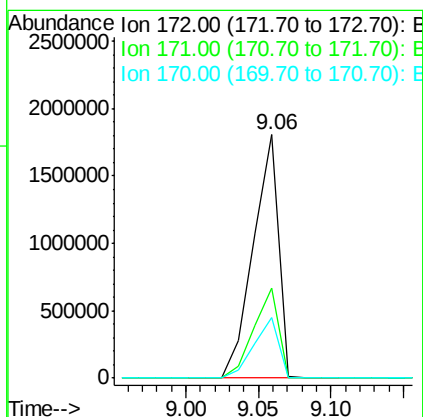
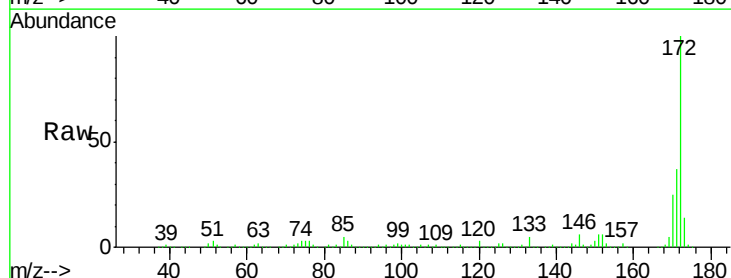
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

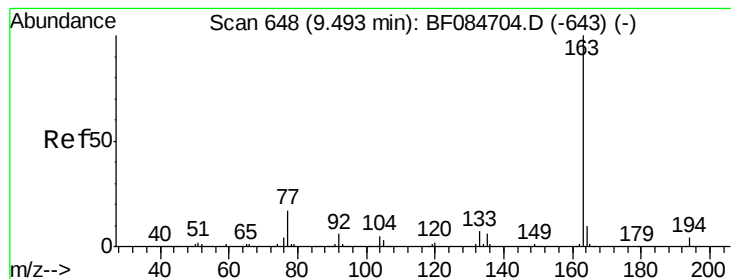
Tot Ion:330 Resp: 488203
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 35.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 118.47 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

Tgt Ion:172 Resp: 2183155
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.9 18.6 27.8





#49

Dimethylphthalate

Concen: 17.40 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

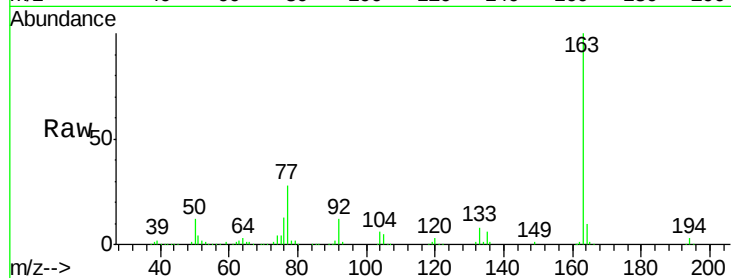
Tot Ion:163 Resp: 473502

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

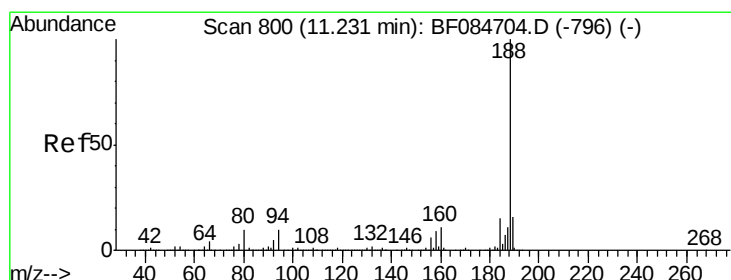
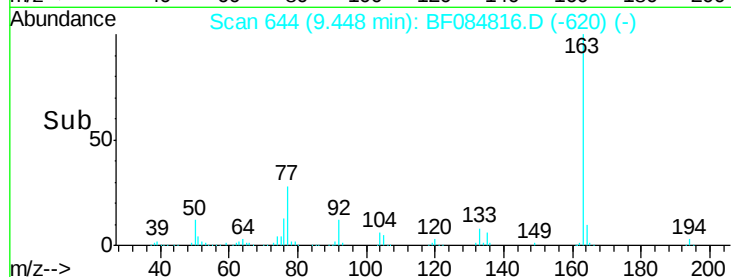
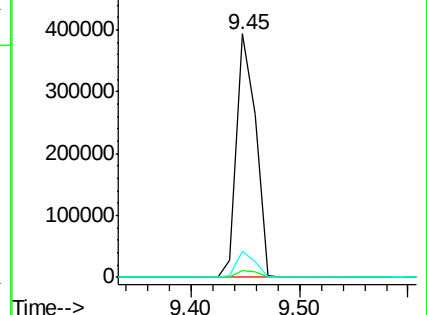
164 10.5 8.0 12.0



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: BF084816.D

Acq: 4 Feb 2016 6:00

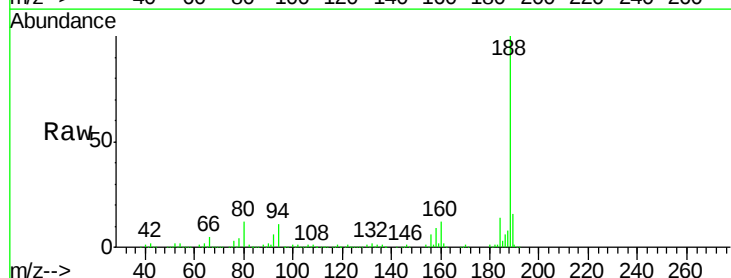
Tgt Ion:188 Resp: 611271

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

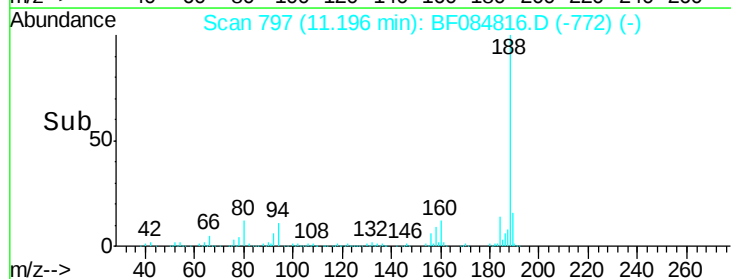
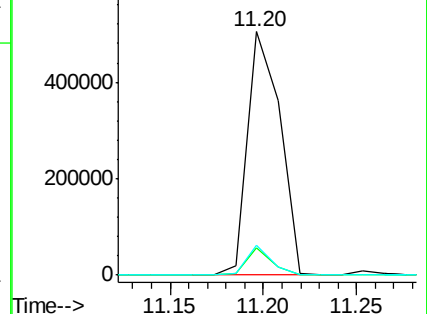
80 12.2 9.6 14.4

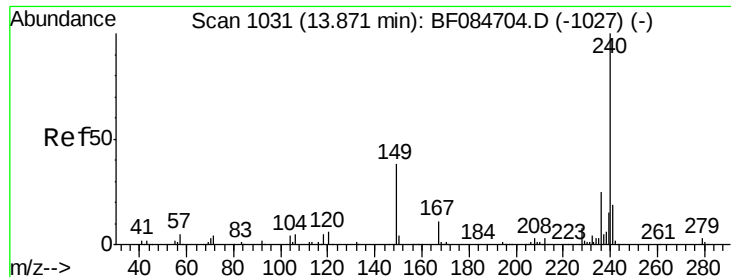


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

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ClientSampleId :

SUP-B012(46-48)

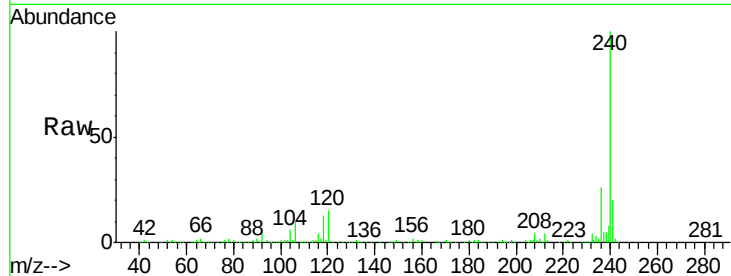
Tot Ion:240 Resp: 441307

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

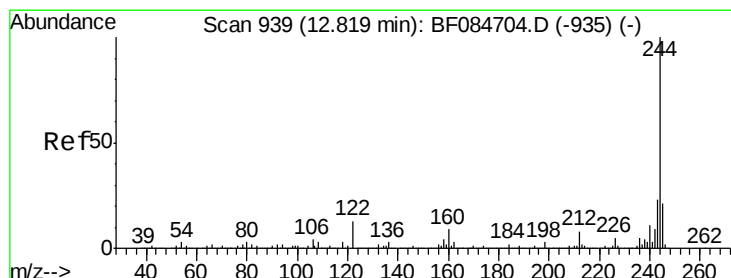
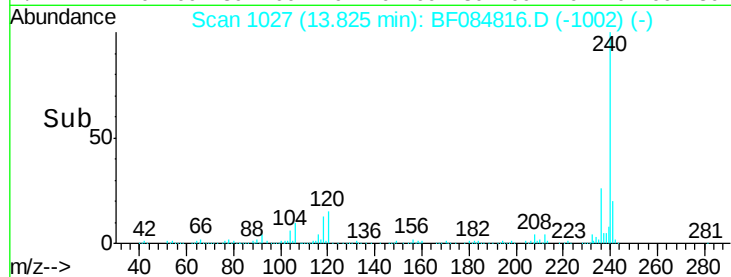
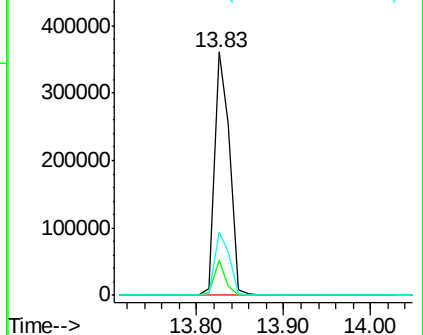
236 26.2 20.6 31.0



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: 89.59 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

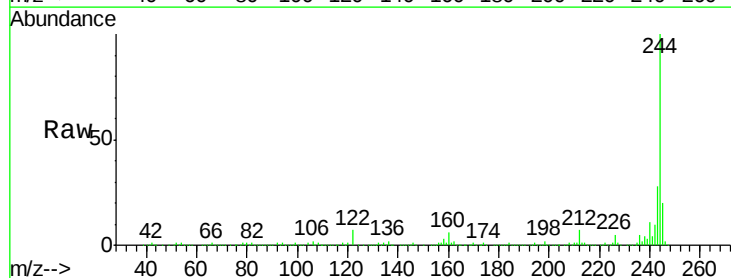
Tgt Ion:244 Resp: 1744722

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

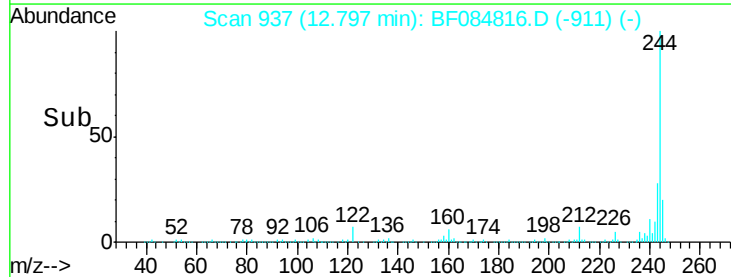
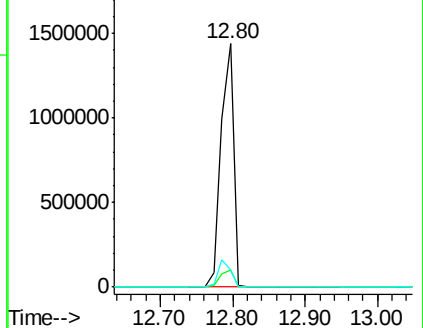
122 6.9 7.4 11.0#

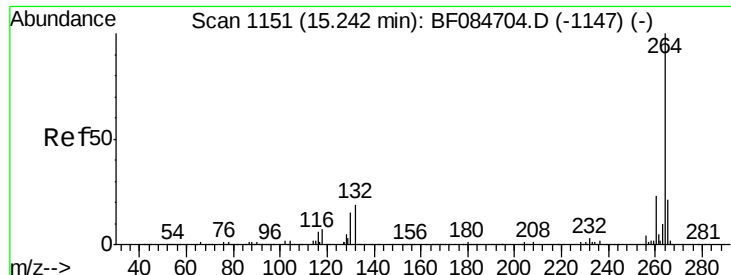


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

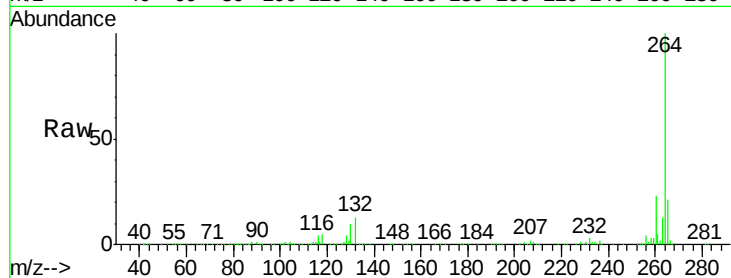




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.3	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

