

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084808.D
 Acq On : 4 Feb 2016 2:16
 Operator : SJ/IZ
 Sample : H1312-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

Quant Time: Feb 04 04:54:01 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

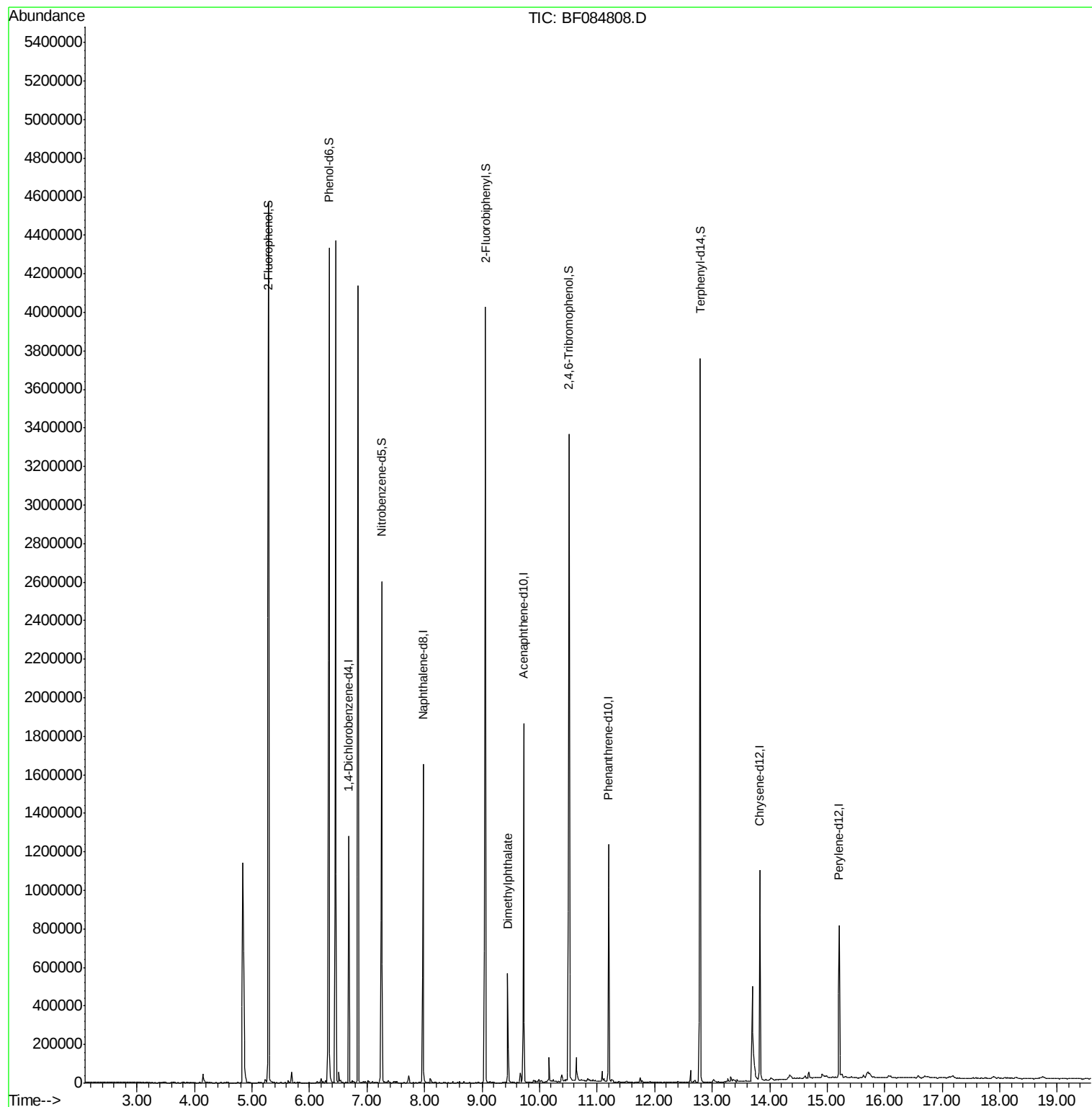
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	179287	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	772637	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	358953	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	634358	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	514556	20.00	ng	-0.01
86) Perylene-d12	15.21	264	363510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1388845	120.66	ng	0.01
7) Phenol-d6	6.34	99	1593221	111.65	ng	0.00
23) Nitrobenzene-d5	7.25	82	944592	68.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	398907	106.54	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1847452	87.55	ng	0.00
78) Terphenyl-d14	12.80	244	1690072	74.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	235698	8.62	ng	# 89

(#) = 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: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

ClientSampleId :

SUP-B037(20-22)

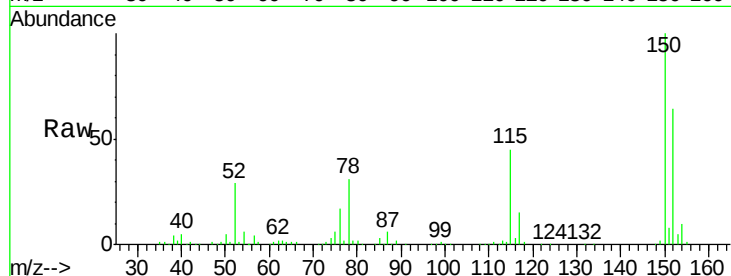
Tot Ion:152 Resp: 179287

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

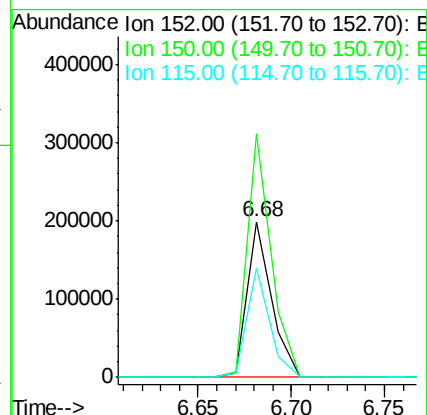
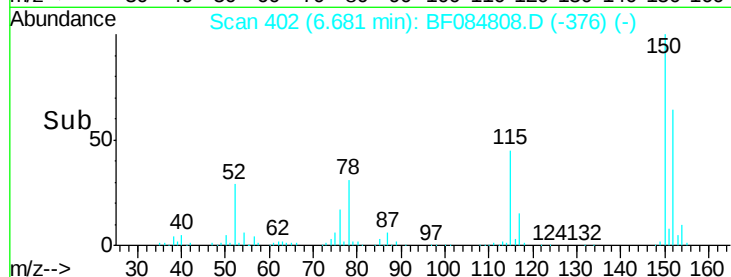
115 70.6 51.4 77.2



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: 120.66 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

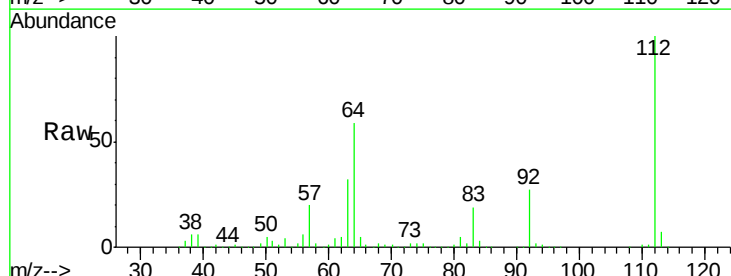
Tgt Ion:112 Resp: 1388845

Ion Ratio Lower Upper

112 100

64 59.4 36.6 55.0#

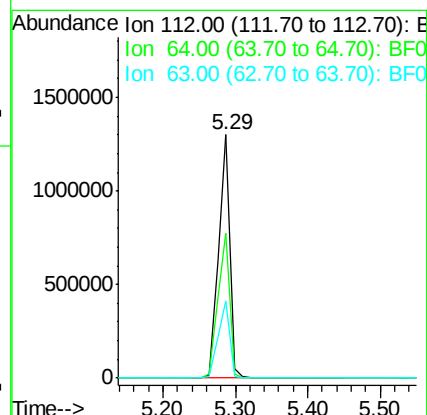
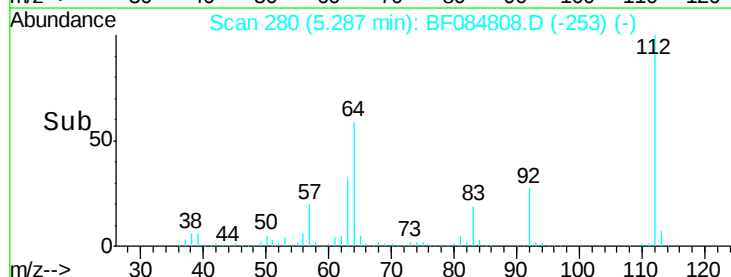
63 31.6 19.4 29.0#



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: 111.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

ClientSampleId :

SUP-B037(20-22)

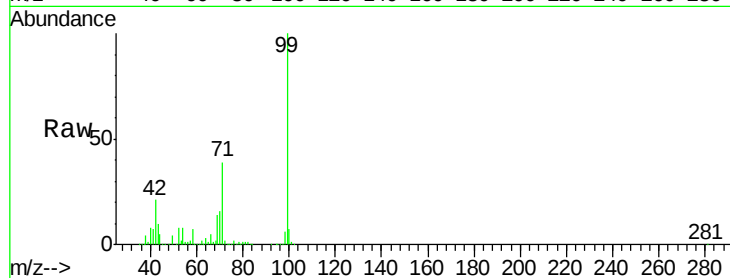
Tot Ion: 99 Resp: 1593221

Ion Ratio Lower Upper

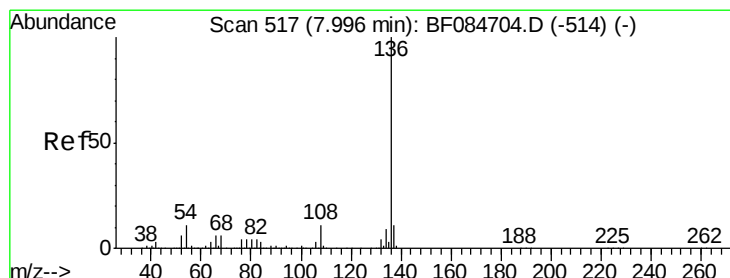
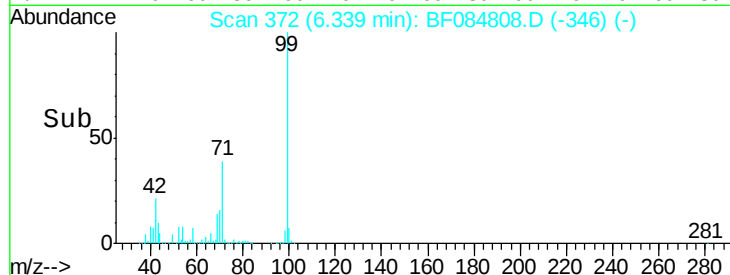
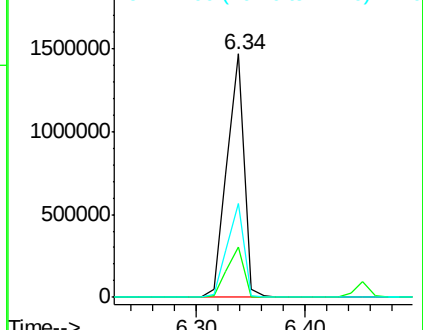
99 100

42 20.5 12.8 19.2#

71 38.7 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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

Tgt Ion: 136 Resp: 772637

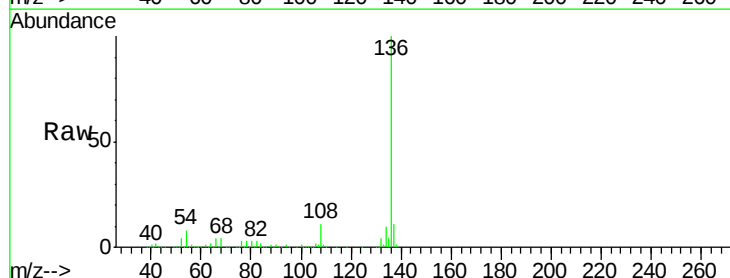
Ion Ratio Lower Upper

136 100

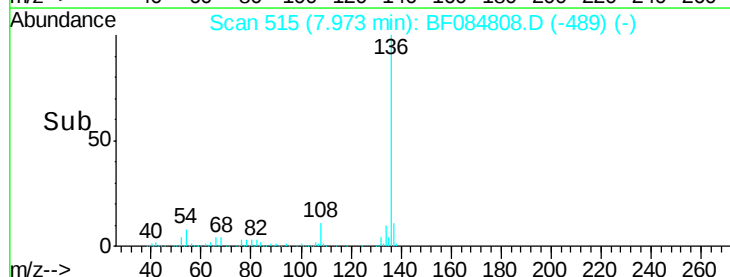
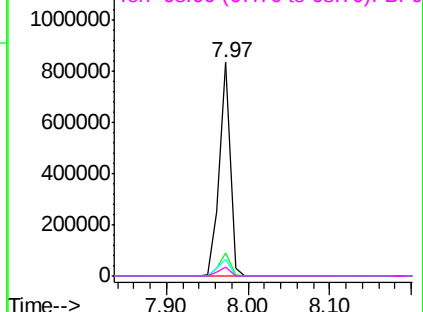
137 10.9 8.7 13.1

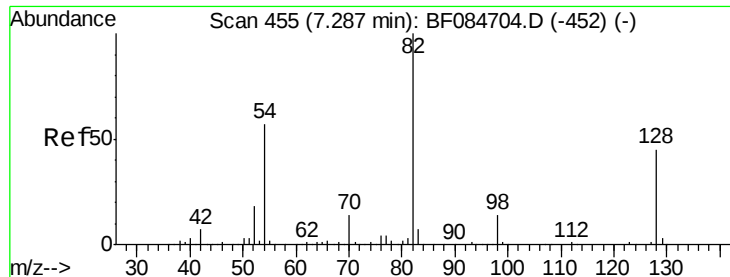
54 7.7 5.8 8.8

68 4.4 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

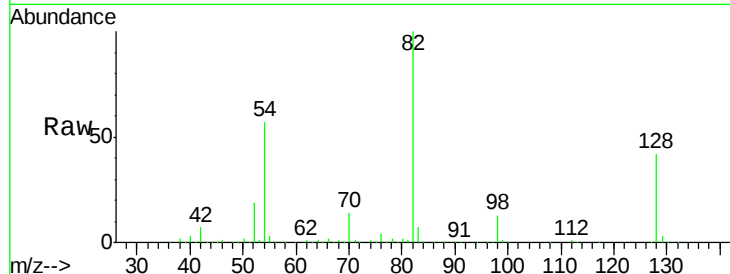




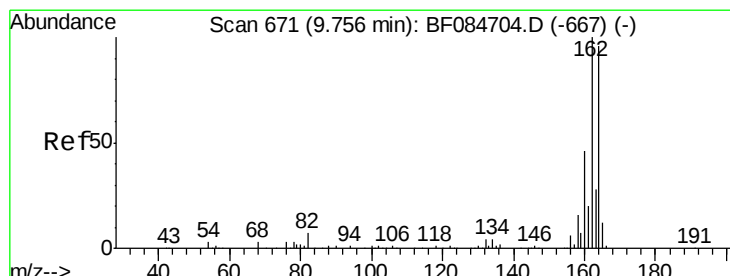
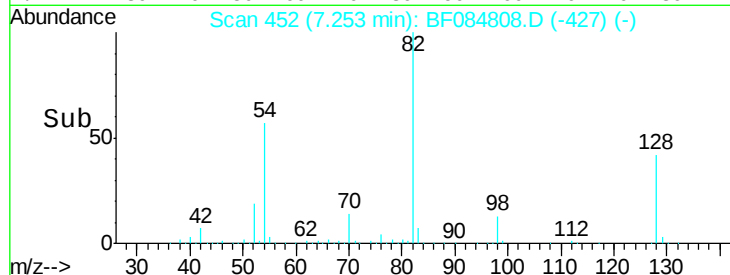
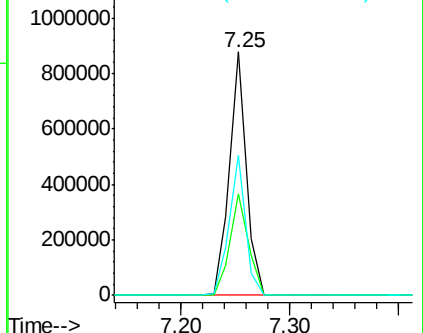
#23
 Nitrobenzene-d5
 Concen: 68.87 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

Tot Ion: 82 Resp: 944592
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 57.3 38.4 57.6

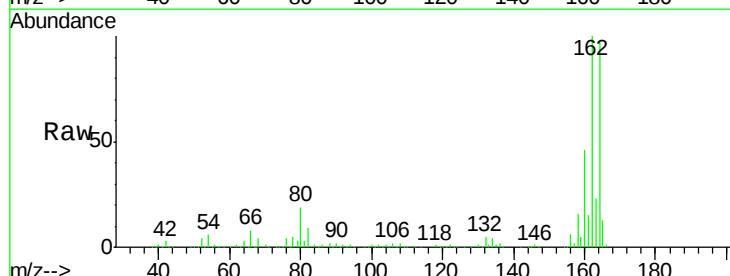


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

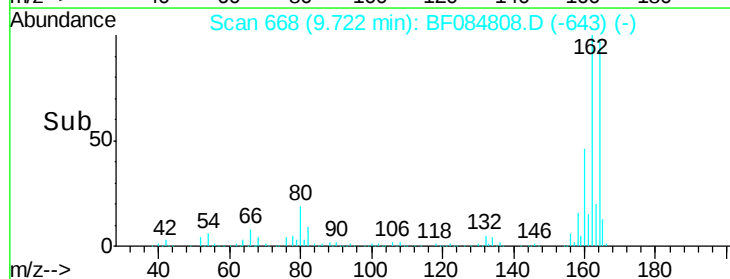
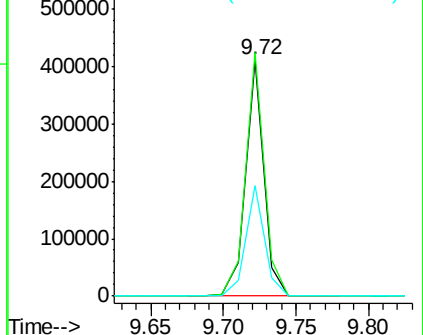


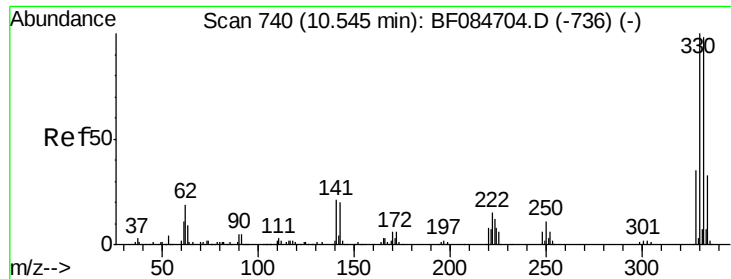
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Tgt Ion:164 Resp: 358953
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 47.0 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

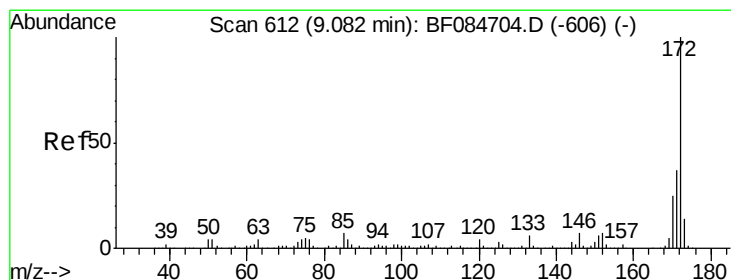
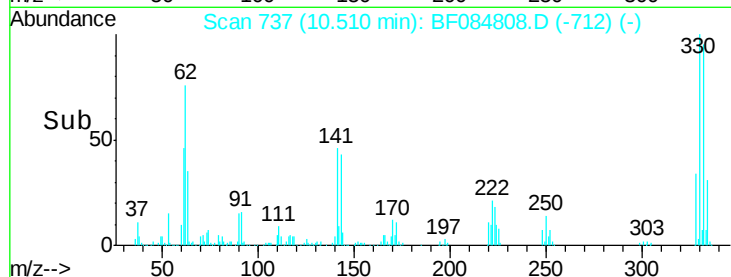
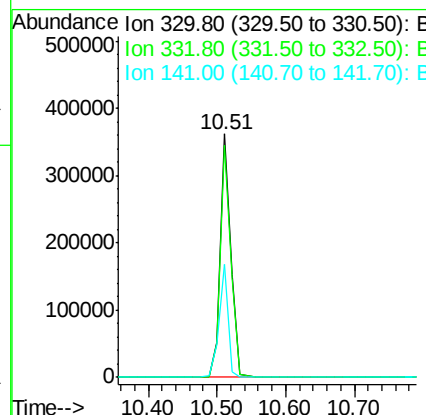
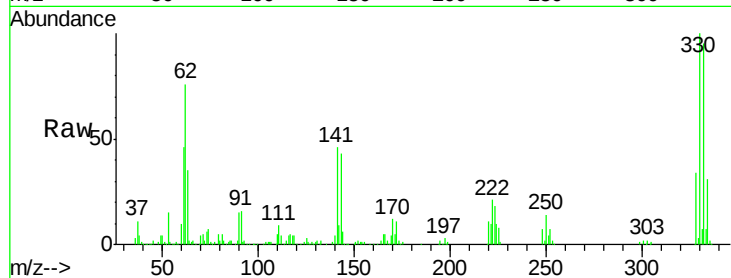




#41
 2,4,6-Tribromophenol
 Concen: 106.54 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

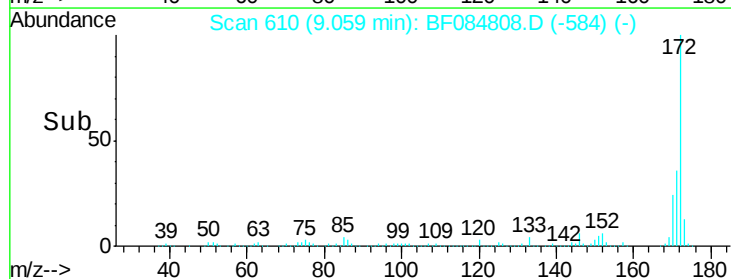
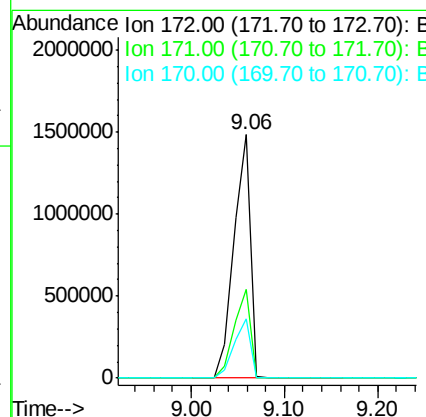
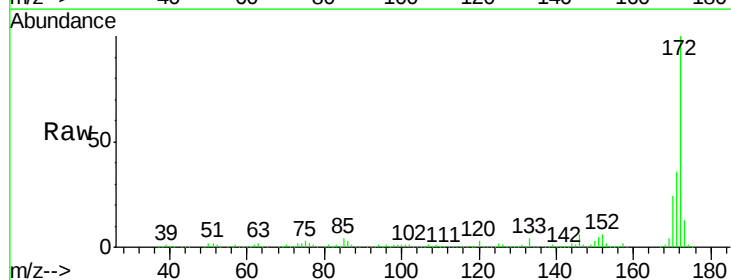
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

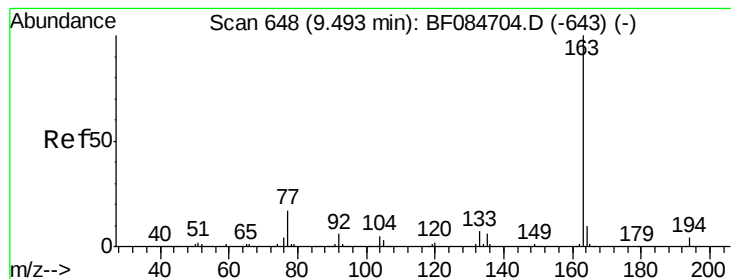
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	39.4	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 87.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.3	18.6	27.8





#49

Dimethylphthalate

Concen: 8.62 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

ClientSampleId :

SUP-B037(20-22)

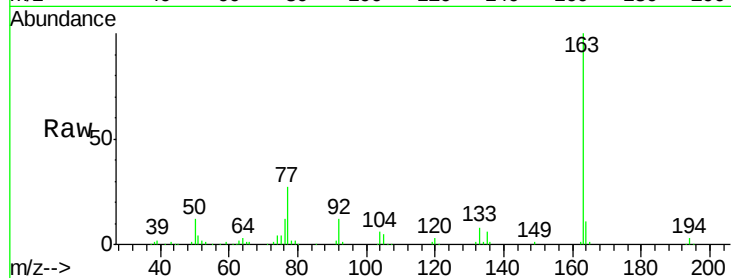
Tot Ion:163 Resp: 235698

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

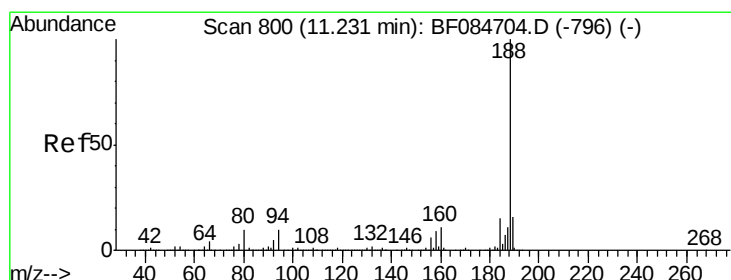
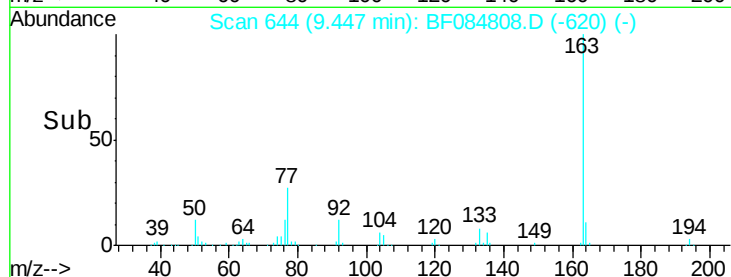
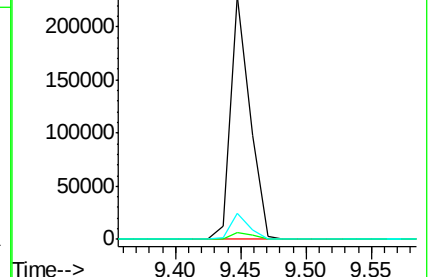
164 10.7 8.0 12.0



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: BF084808.D

Acq: 4 Feb 2016 2:16

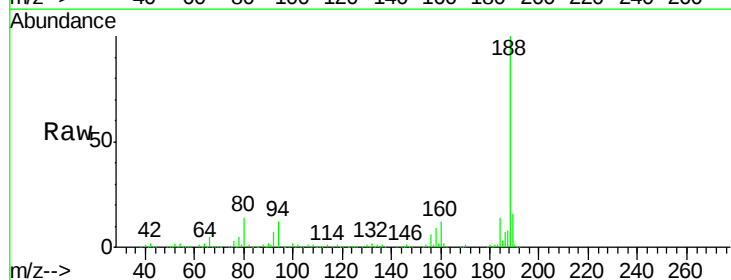
Tgt Ion:188 Resp: 634358

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.4

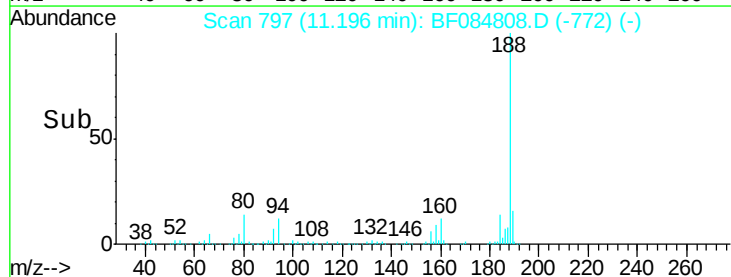
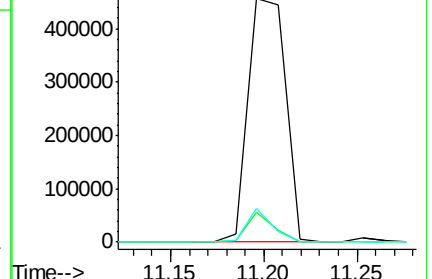
80 13.9 9.6 14.4

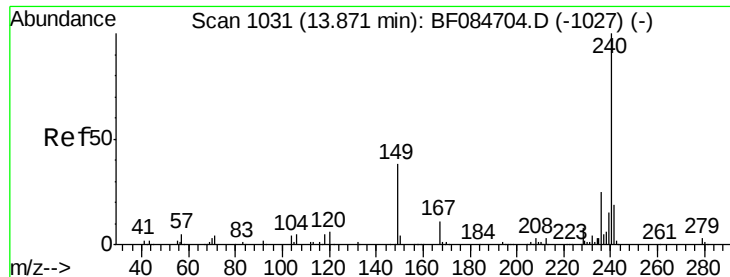


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

ClientSampleId :

SUP-B037(20-22)

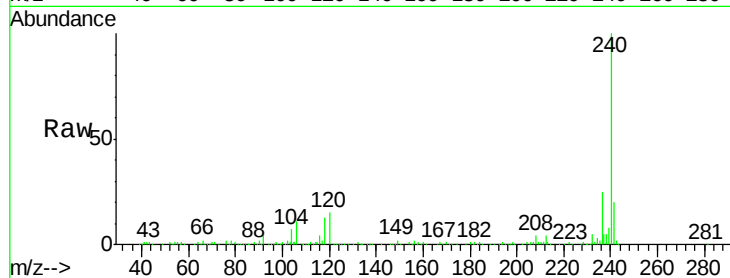
Tot Ion:240 Resp: 514556

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

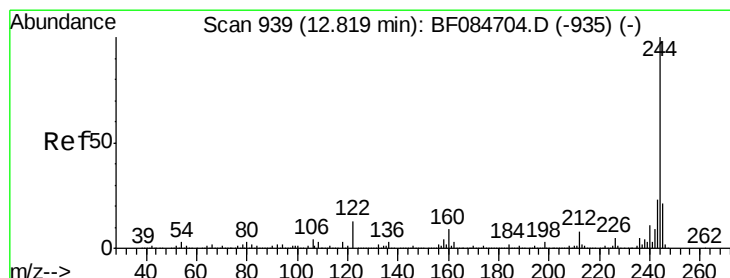
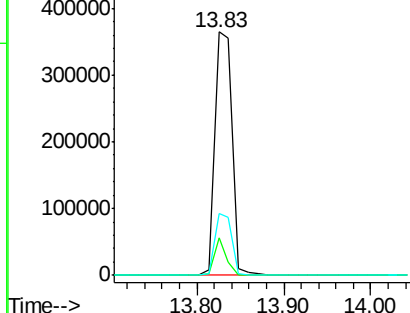
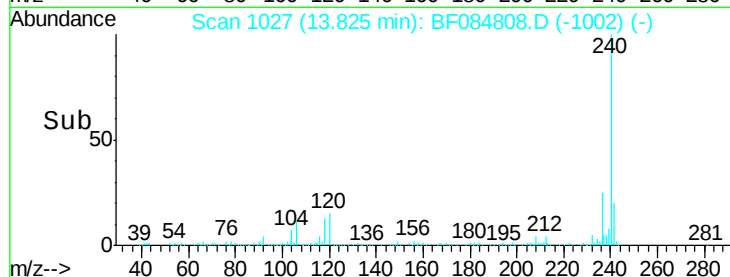
236 25.2 20.6 31.0



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: 74.43 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

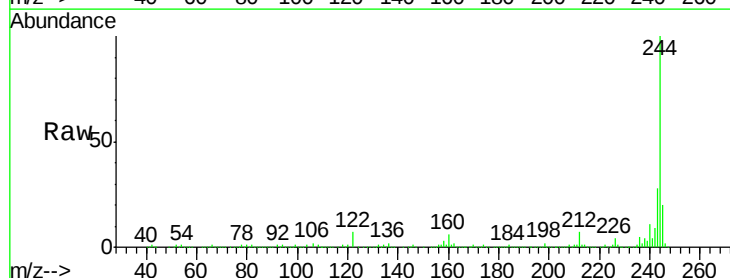
Tgt Ion:244 Resp: 1690072

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

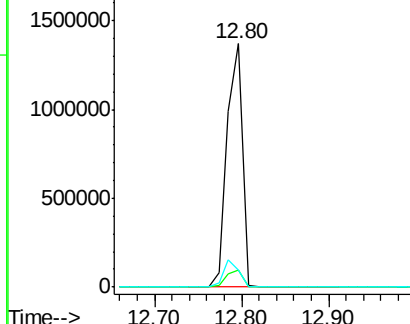
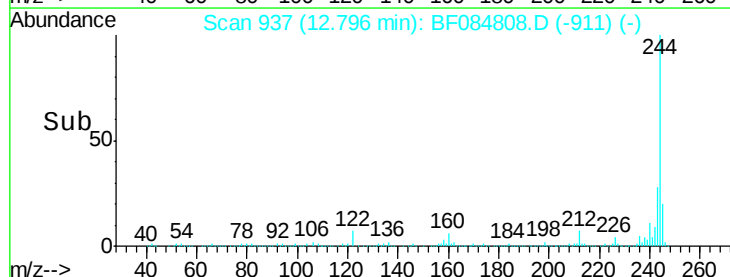
122 7.1 7.4 11.0#

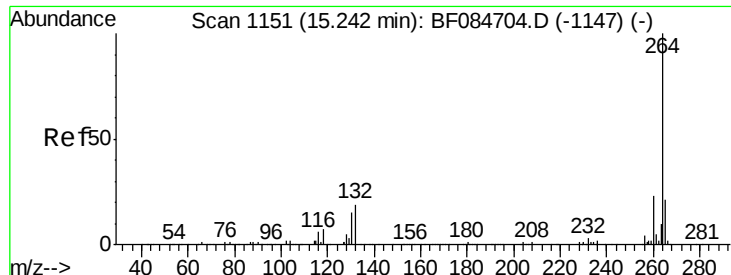


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

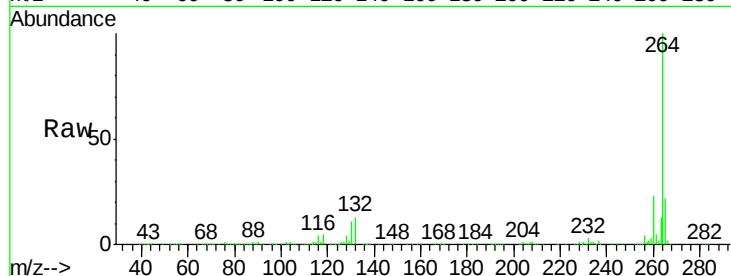




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Instrument :
BNA_F
ClientSampleId :
SUP-B037(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.5	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

