

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084813.D
 Acq On : 4 Feb 2016 4:36
 Operator : SJ/IZ
 Sample : H1312-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(34-36)

Quant Time: Feb 04 06:11:11 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

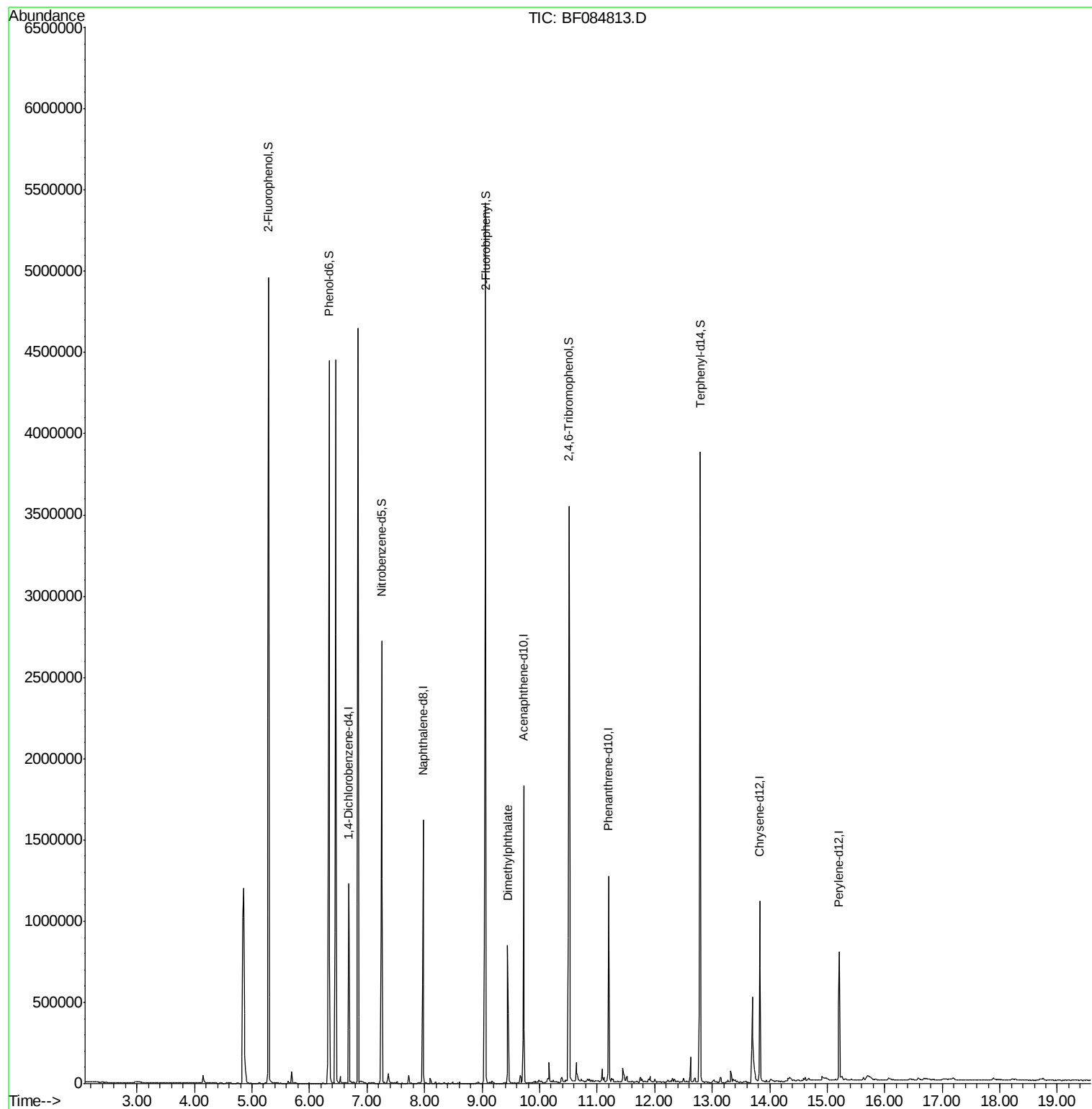
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	179935	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	793672	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	354557	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	637257	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	480539	20.00	ng	-0.01
86) Perylene-d12	15.21	264	360516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1474036	127.60	ng	0.01
7) Phenol-d6	6.34	99	1785499	124.67	ng	0.00
23) Nitrobenzene-d5	7.25	82	1132580	80.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	516843	139.75	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2187775	120.97	ng	0.00
78) Terphenyl-d14	12.80	244	1770745	83.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	412959	15.29	ng	Qvalue # 89

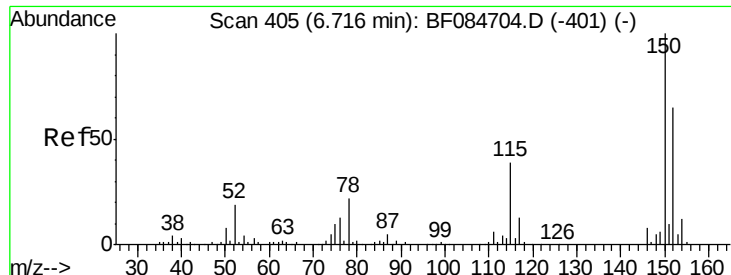
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084813.D

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Instrument :

BNA_F

ClientSampleId :

SUP-B005(34-36)

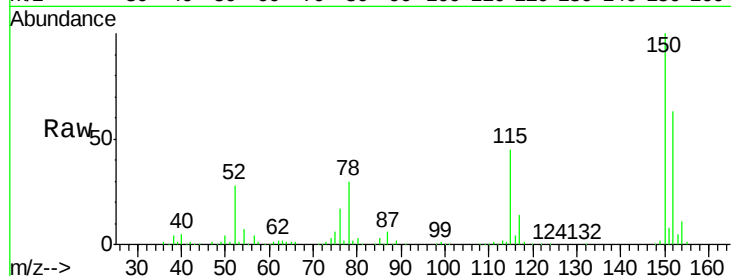
Tot Ion:152 Resp: 179935

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

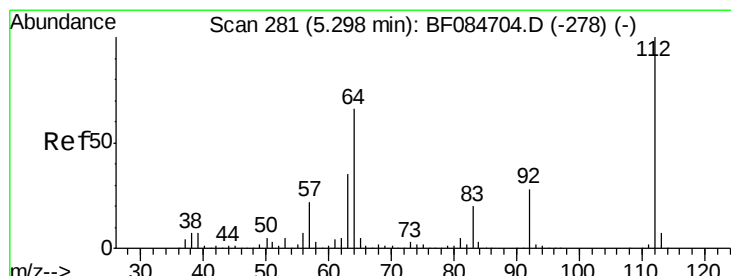
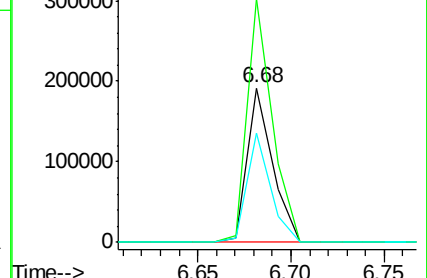
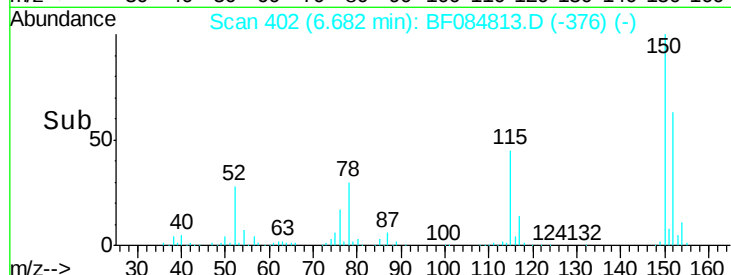
115 70.5 51.4 77.2



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: 127.60 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

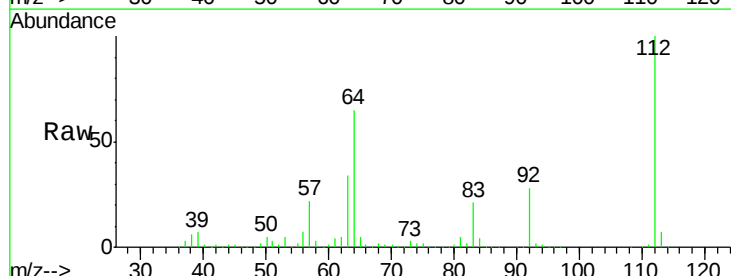
Tgt Ion:112 Resp: 1474036

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

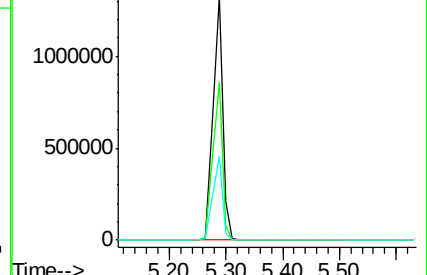
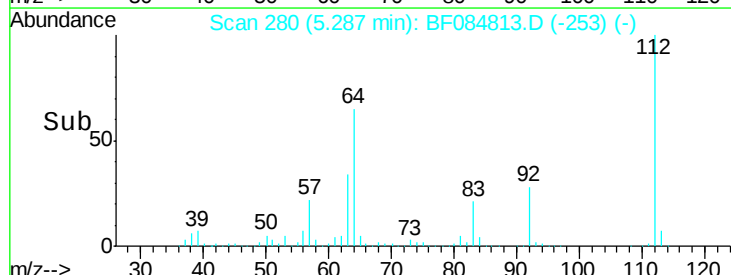
63 34.2 19.4 29.0#

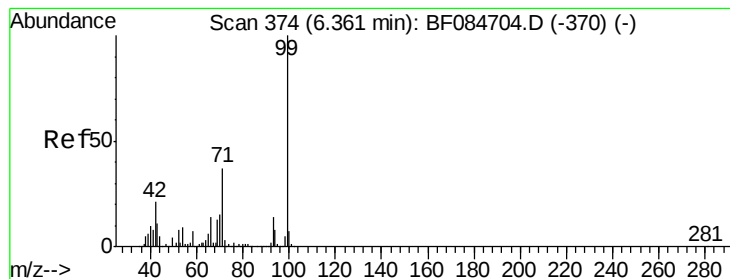


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.67 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

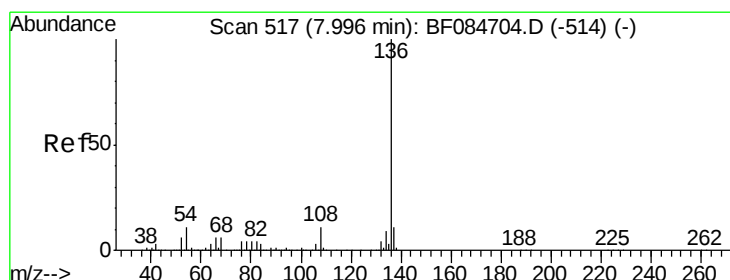
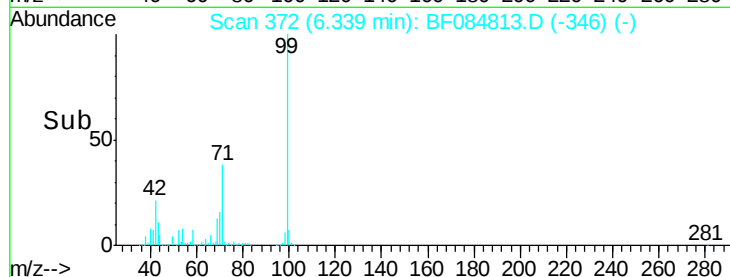
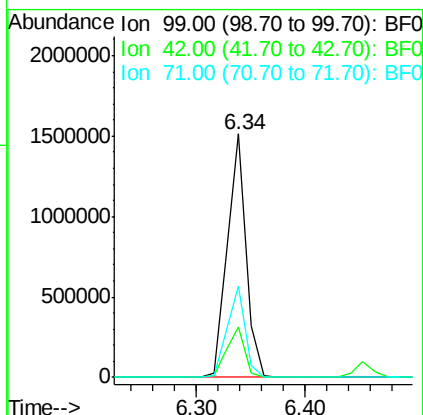
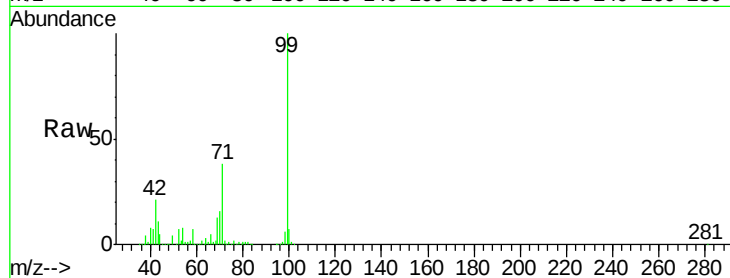
BNA_F

ClientSampleId :

SUP-B005(34-36)

Tot Ion: 99 Resp: 1785499

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

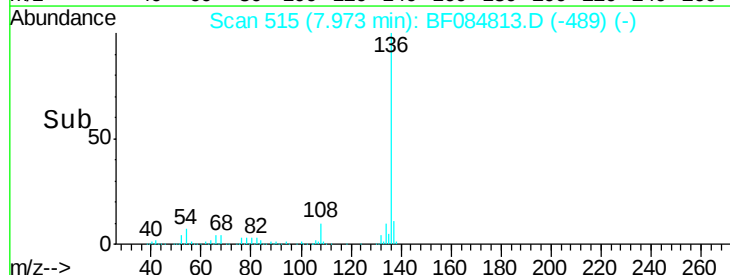
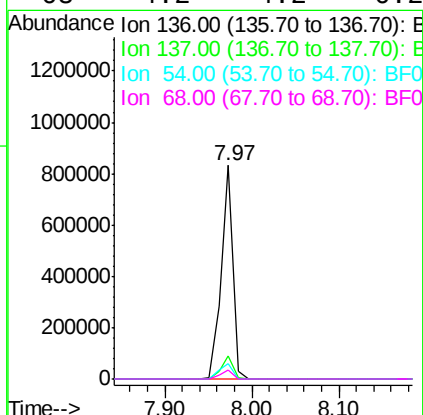
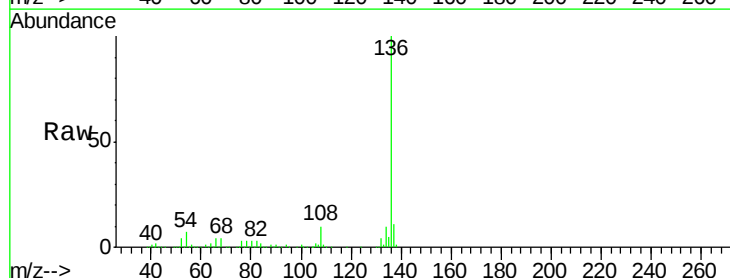
Delta R.T. 0.00 min

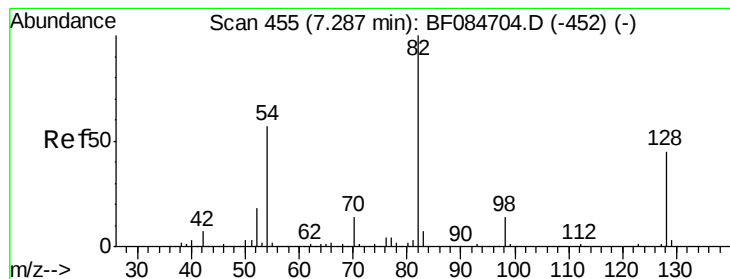
Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Tgt Ion: 136 Resp: 793672

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.4	5.8	8.8
68	4.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 80.39 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

BNA_F

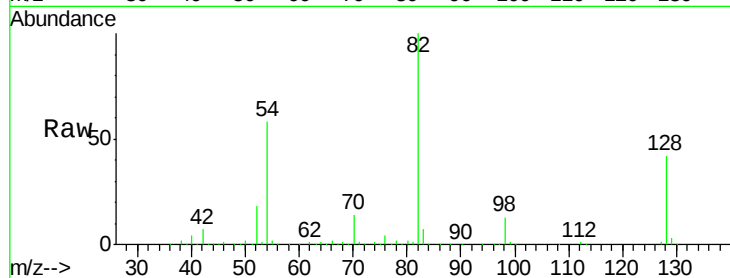
ClientSampleId :

SUP-B005(34-36)

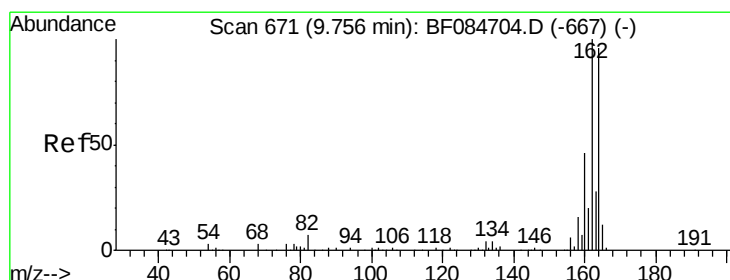
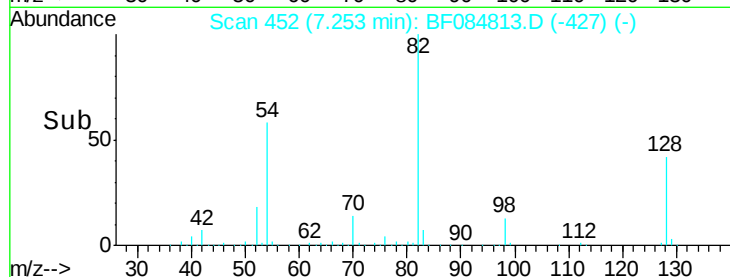
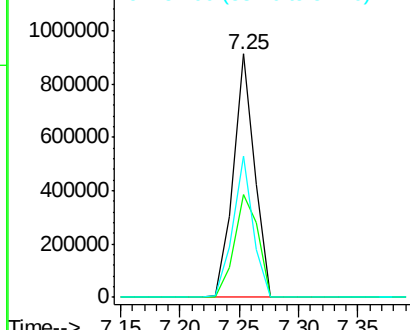
Tot Ion: 82 Resp: 1132580

Ion Ratio Lower Upper

82	100		
128	42.3	34.6	51.8
54	58.1	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

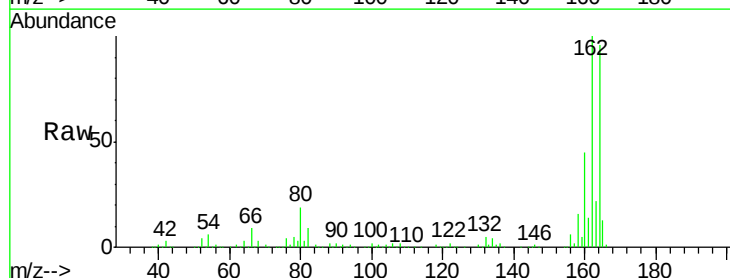
Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

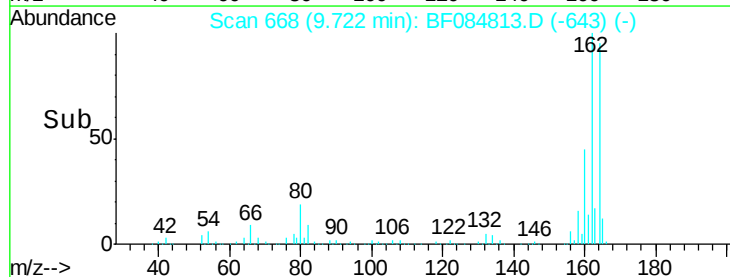
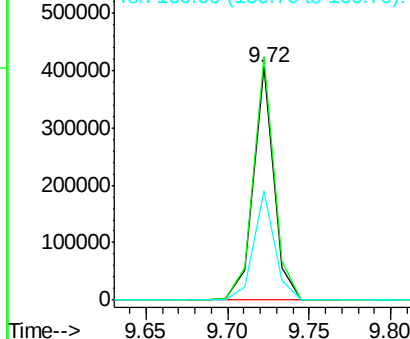
Tgt Ion:164 Resp: 354557

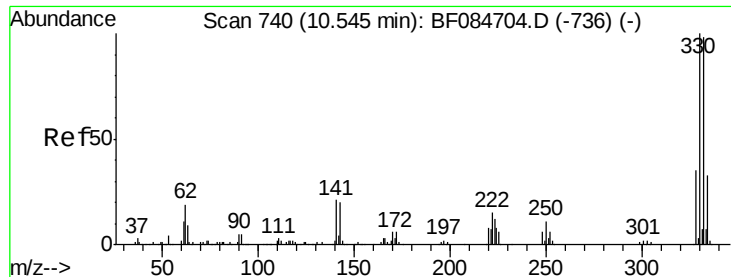
Ion Ratio Lower Upper

164	100		
162	104.6	85.1	127.7
160	47.2	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

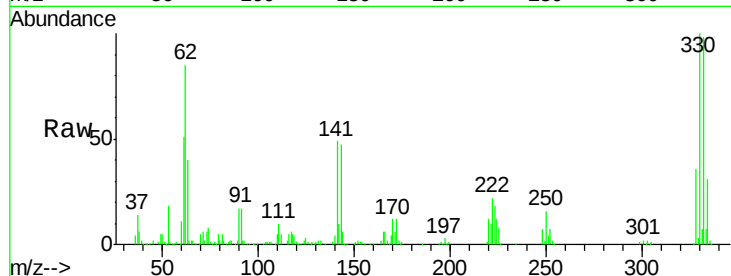




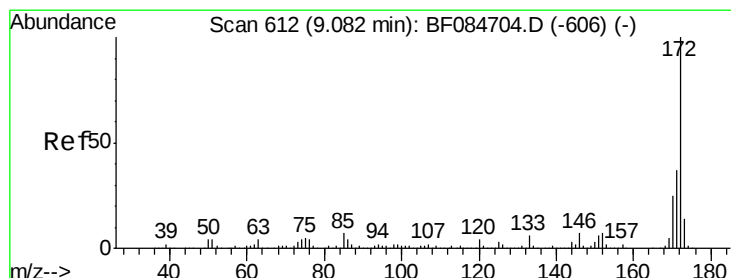
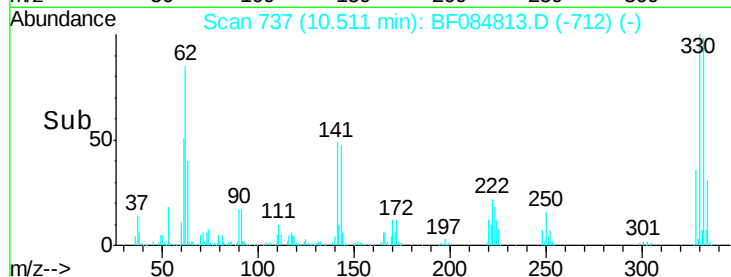
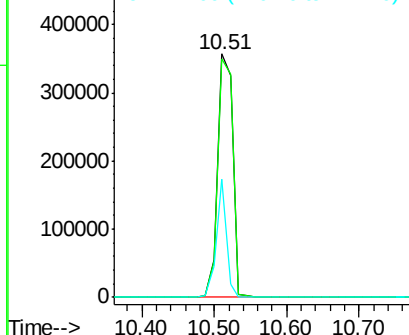
#41
 2,4,6-Tribromophenol
 Concen: 139.75 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(34-36)

Tot Ion:330 Resp: 516843
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 32.6 27.8 41.6

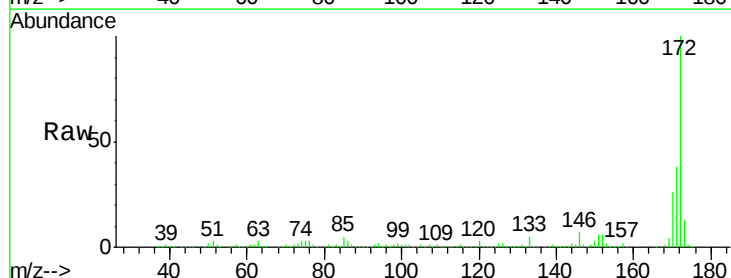


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

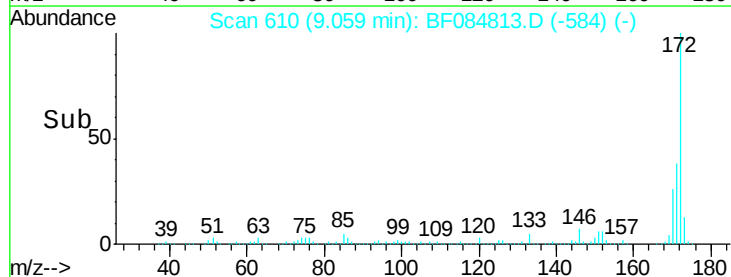
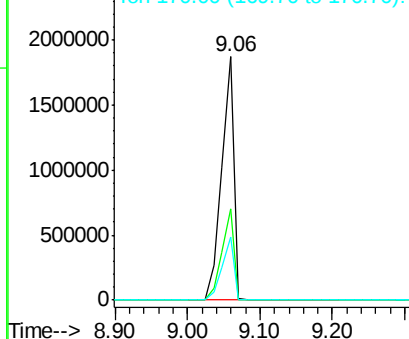


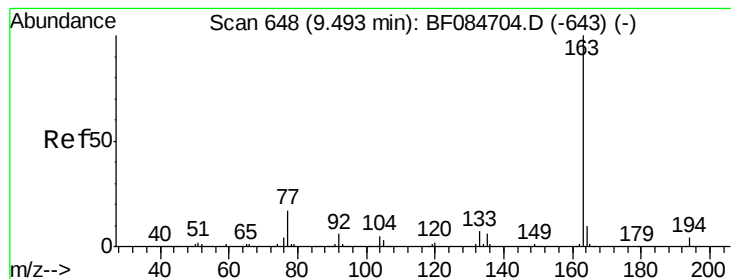
#44
 2-Fluorobiphenyl
 Concen: 120.97 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

Tgt Ion:172 Resp: 2187775
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.8 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: 15.29 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

BNA_F

ClientSampleId :

SUP-B005(34-36)

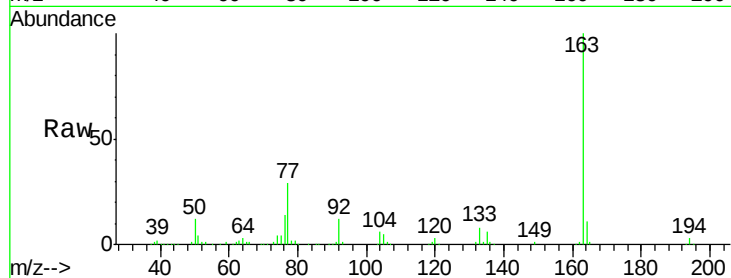
Tot Ion:163 Resp: 412959

Ion Ratio Lower Upper

163 100

194 2.6 8.0 12.0#

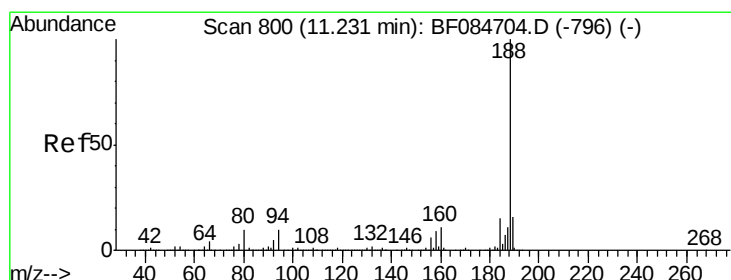
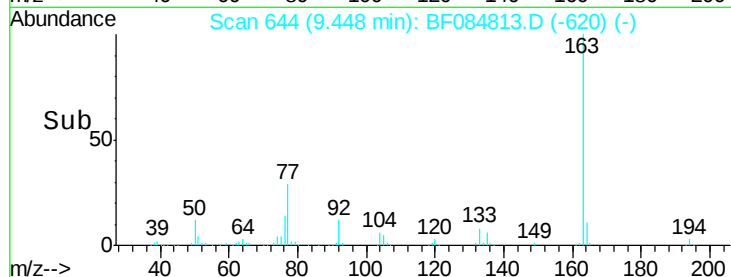
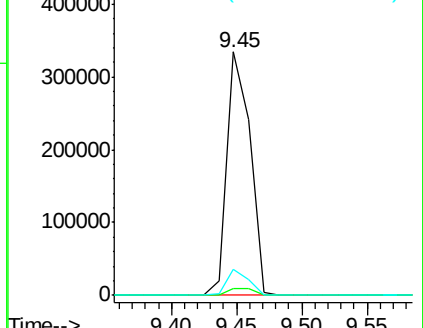
164 10.8 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

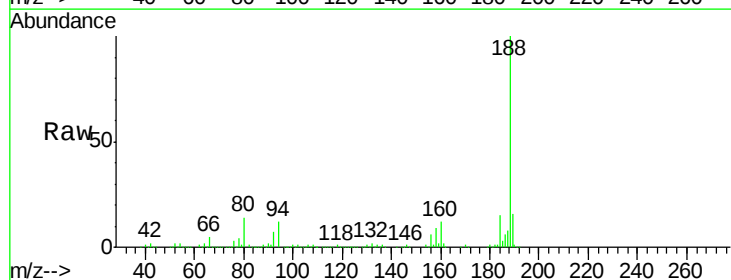
Tgt Ion:188 Resp: 637257

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

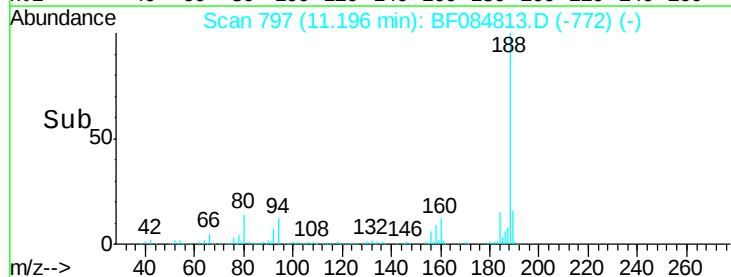
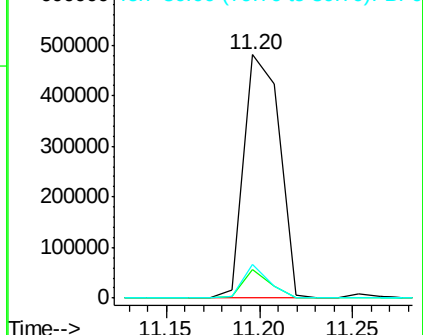
80 13.6 9.6 14.4

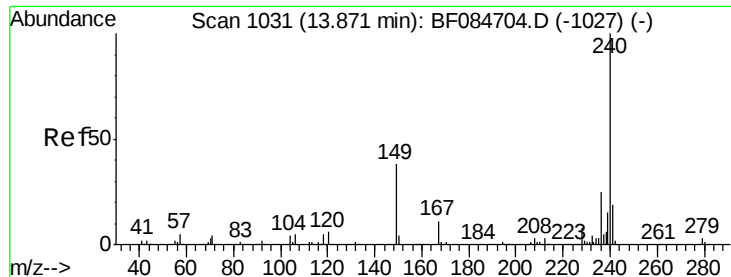


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

BNA_F

ClientSampleId :

SUP-B005(34-36)

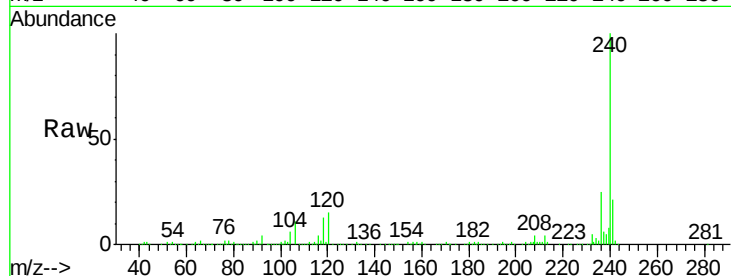
Tot Ion:240 Resp: 480539

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

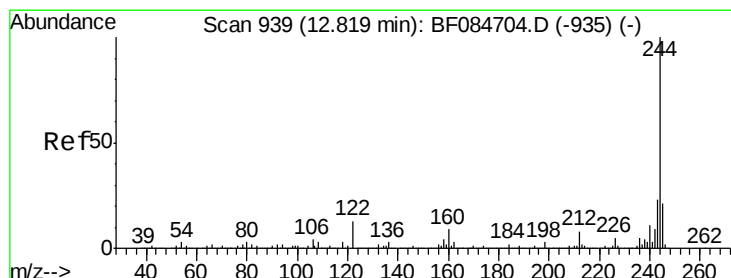
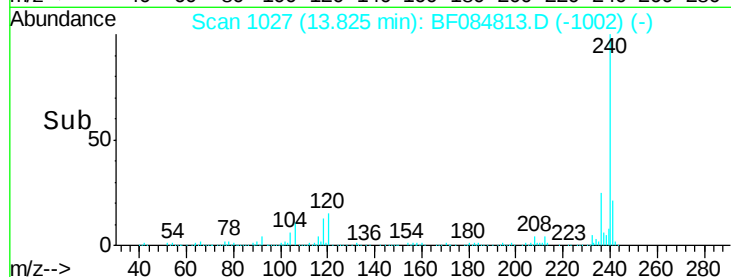
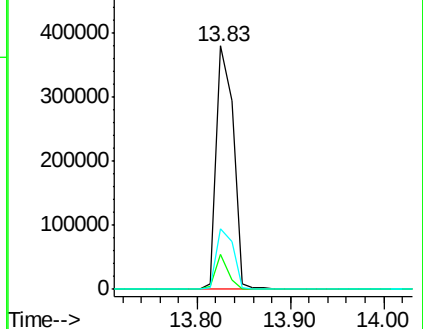
236 25.1 20.6 31.0



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: 83.50 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

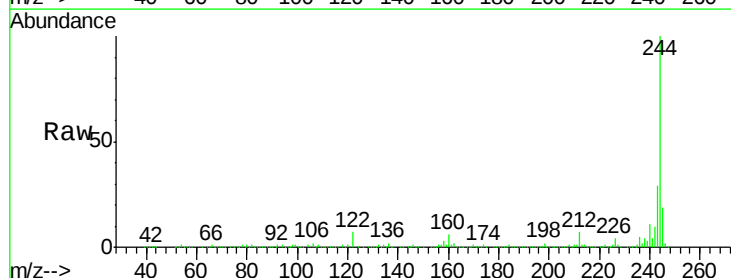
Tgt Ion:244 Resp: 1770745

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

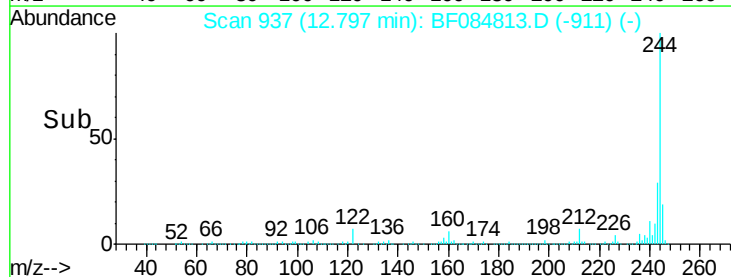
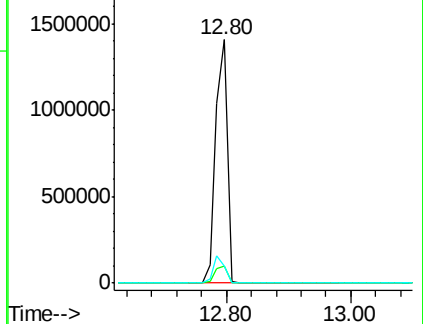
122 7.0 7.4 11.0#

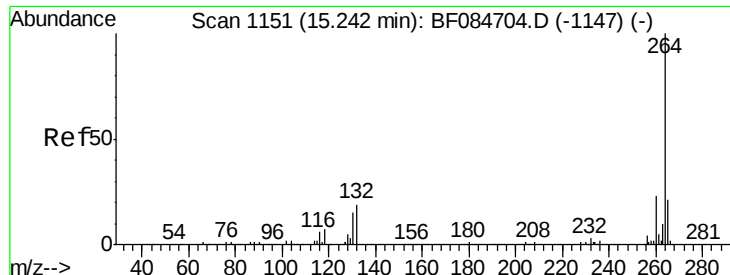


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

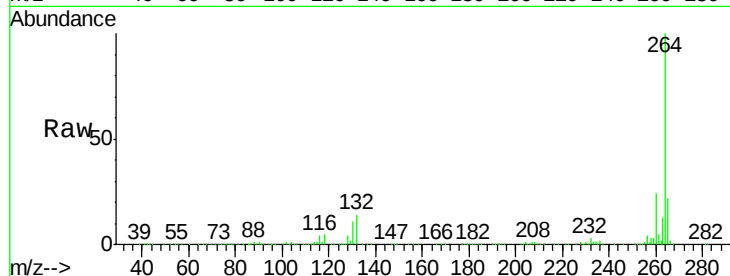




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)

Tot Ion:264 Resp: 360516
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.7 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

