

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084910.D
 Acq On : 6 Feb 2016 14:31
 Operator : SJ/IZ
 Sample : H1325-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Quant Time: Feb 08 02:38:22 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

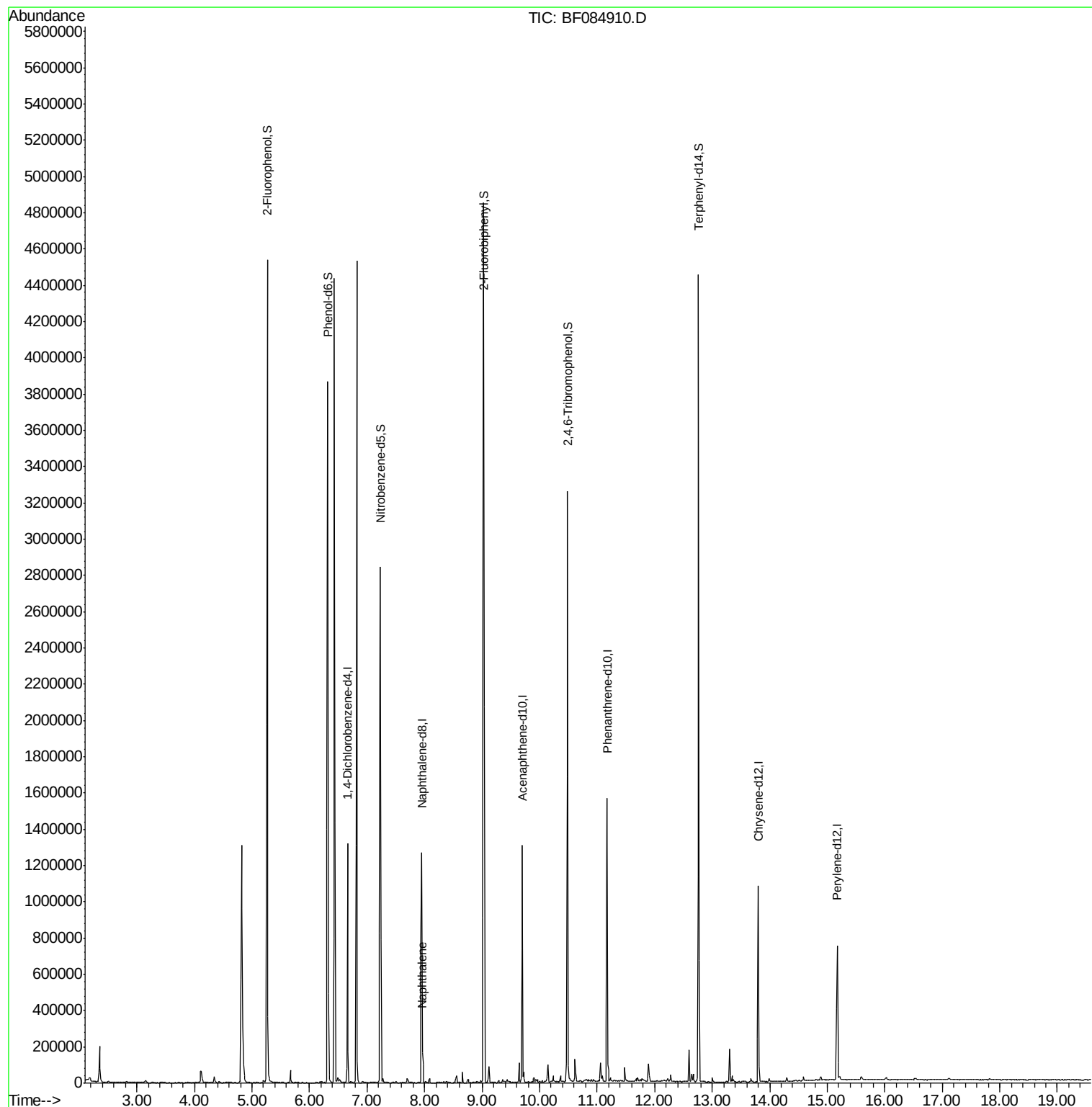
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174147	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	699669	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	307898	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	541617	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	369288	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332547	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1322348	118.27	ng	-0.01
7) Phenol-d6	6.32	99	1397737	100.84	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1036852	83.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	441453	137.45	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1819059	110.65	ng	-0.03
78) Terphenyl-d14	12.76	244	1396715	85.71	ng	-0.03
Target Compounds						
31) Naphthalene	7.96	128	85355	2.43	ng	Qvalue 97

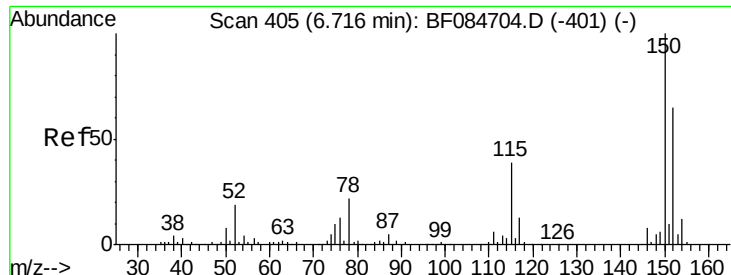
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

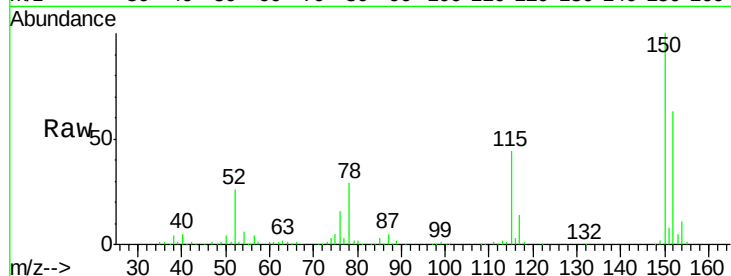
Tot Ion:152 Resp: 174147

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

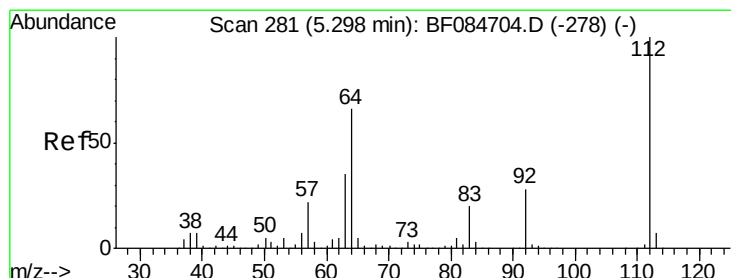
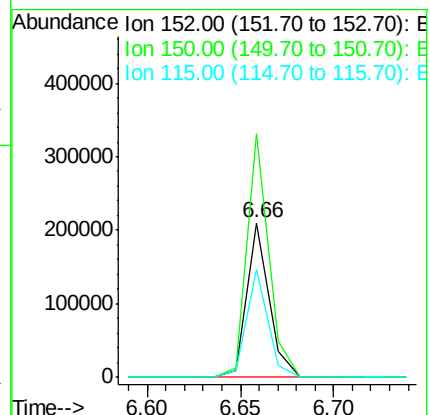
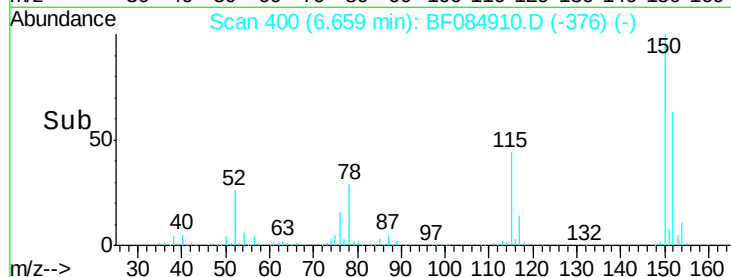
115 69.5 51.4 77.2



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: 118.27 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

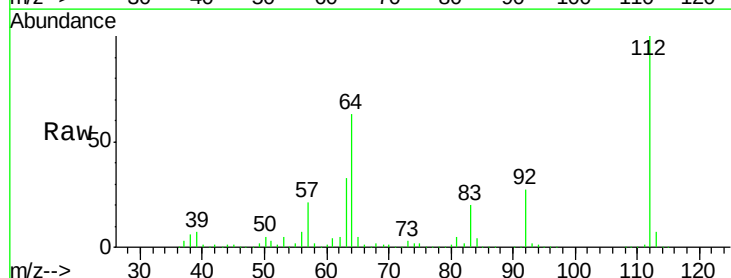
Tgt Ion:112 Resp: 1322348

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

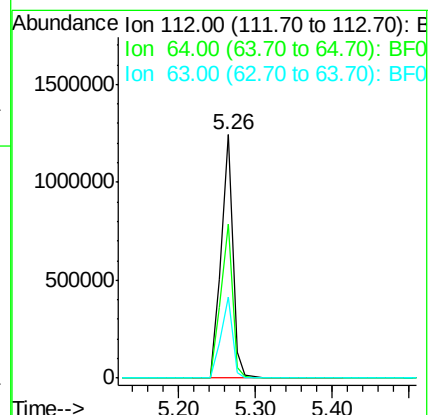
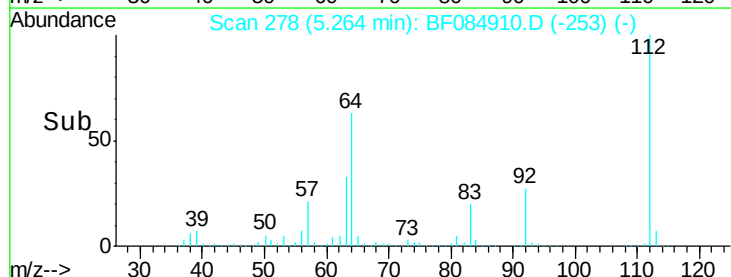
63 33.4 19.4 29.0#

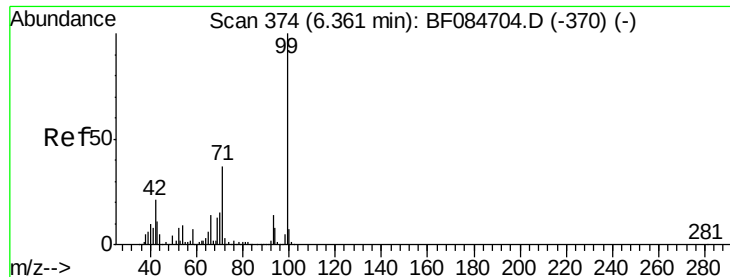


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.84 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

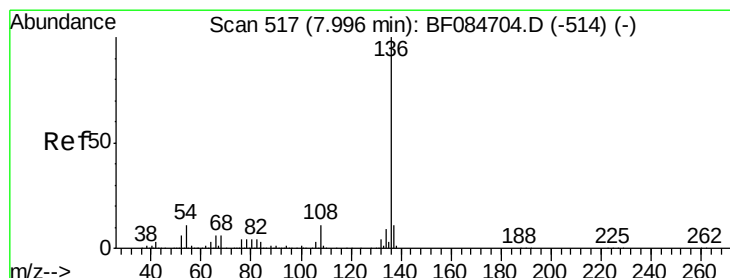
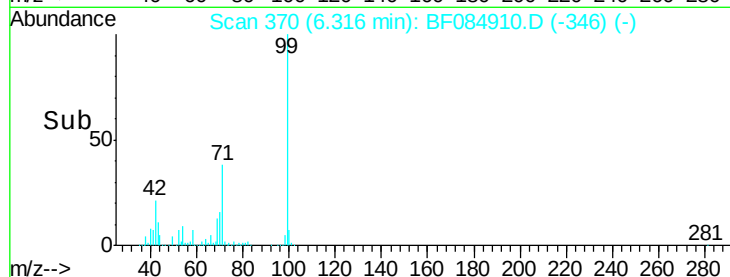
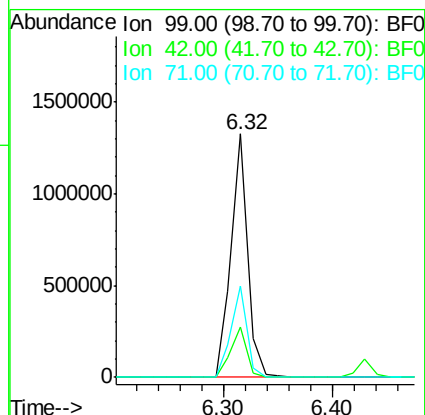
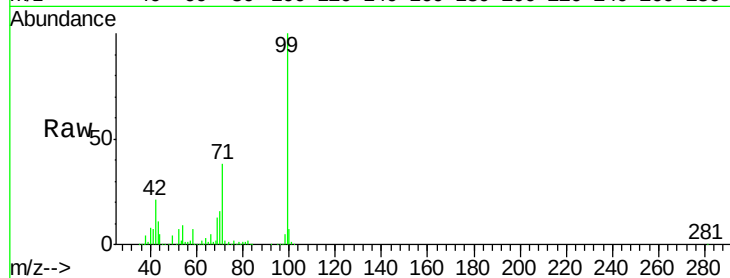
BNA_F

ClientSampleId :

S4-B016(17-19)

Tot Ion: 99 Resp: 1397737

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

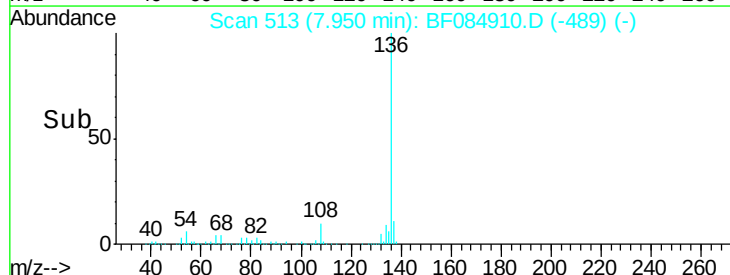
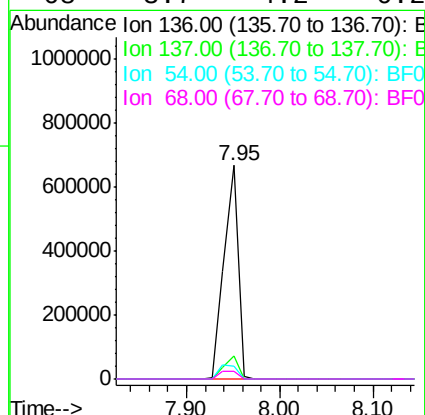
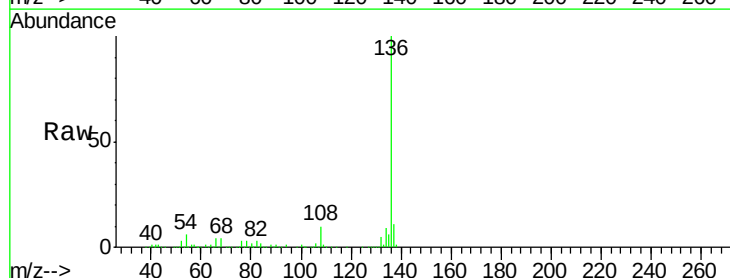
Delta R.T. -0.02 min

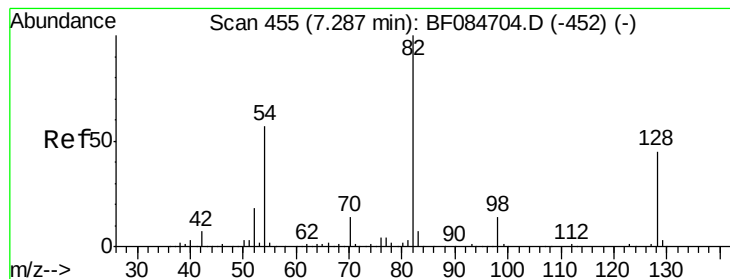
Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Tgt Ion: 136 Resp: 699669

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.8	8.8
68	3.7	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 83.48 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

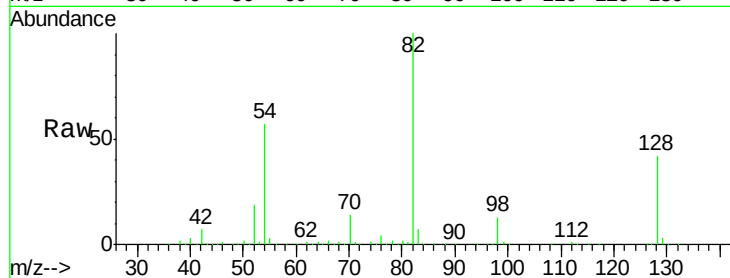
Tot Ion: 82 Resp: 1036852

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

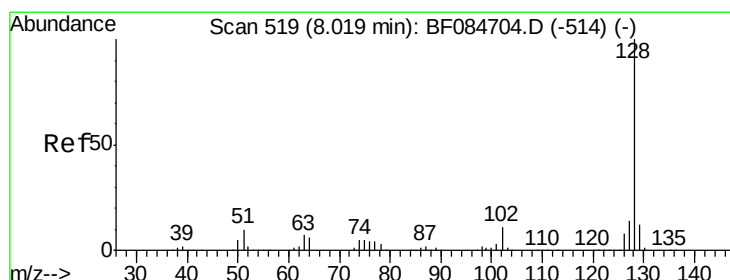
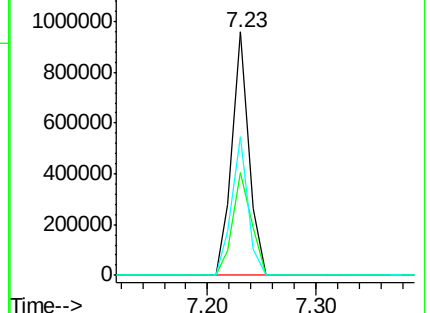
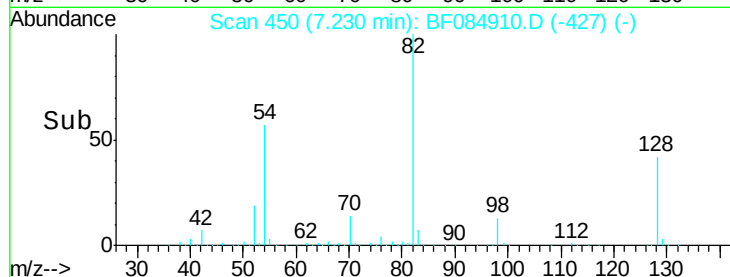
54 56.7 38.4 57.6



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



#31

Naphthalene

Concen: 2.43 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

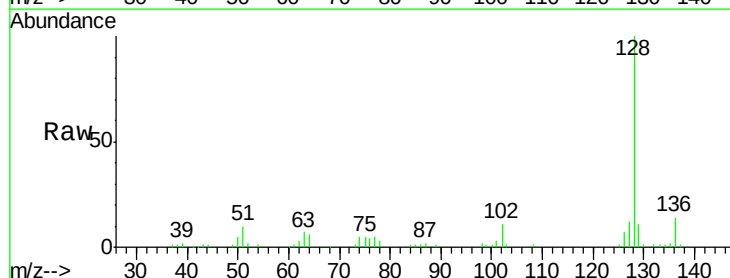
Tgt Ion:128 Resp: 85355

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

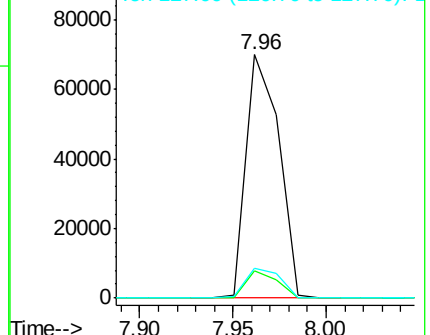
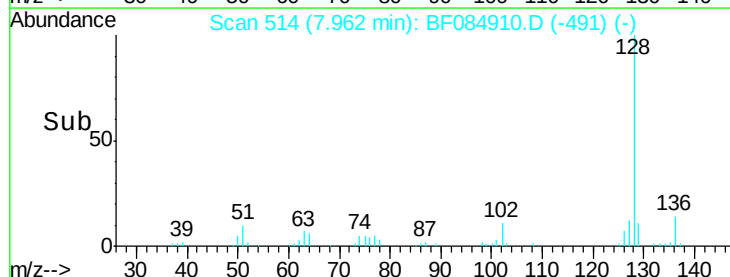
127 12.3 11.1 16.7

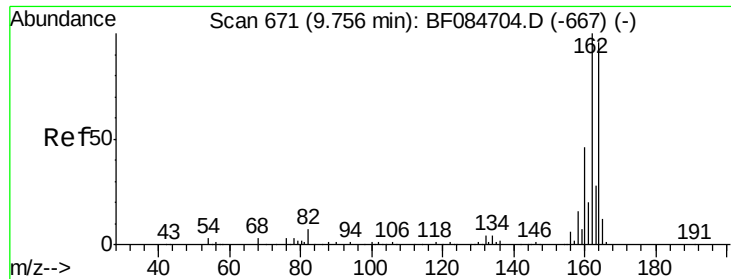


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

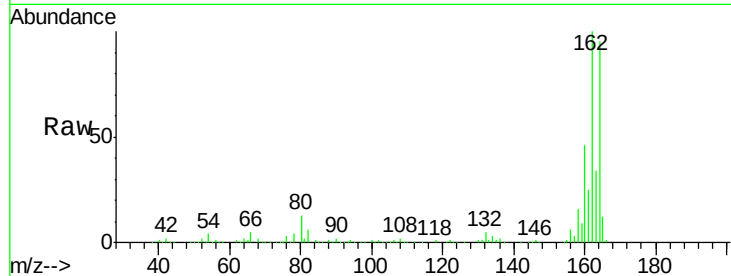
Tot Ion:164 Resp: 307898

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

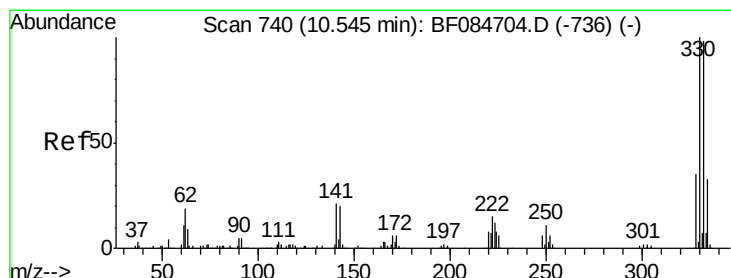
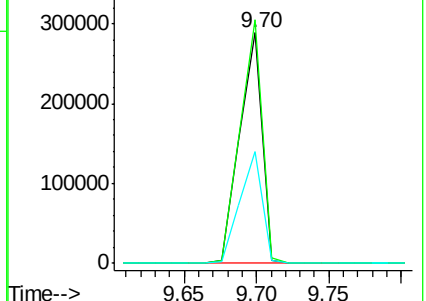
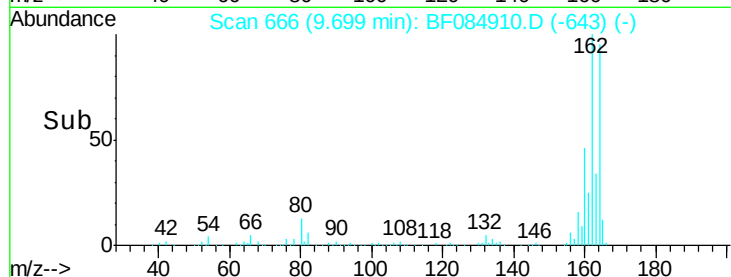
160 48.6 37.5 56.3



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: 137.45 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

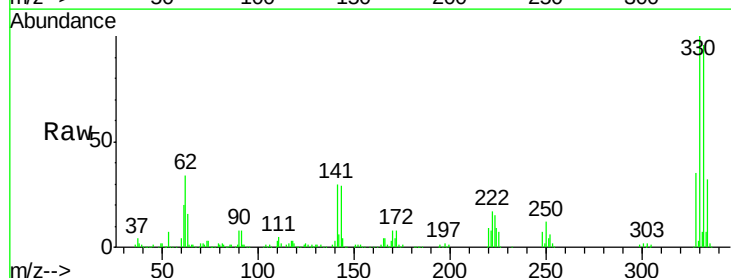
Tgt Ion:330 Resp: 441453

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

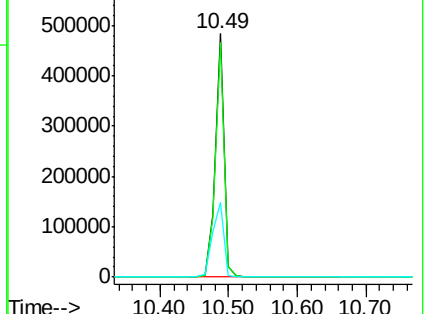
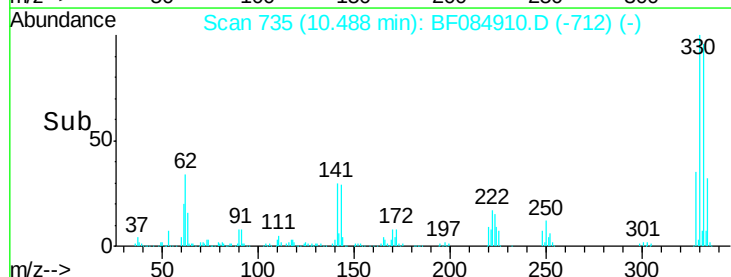
141 38.4 27.8 41.6

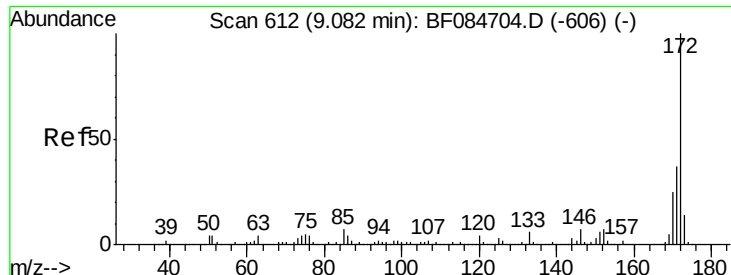


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

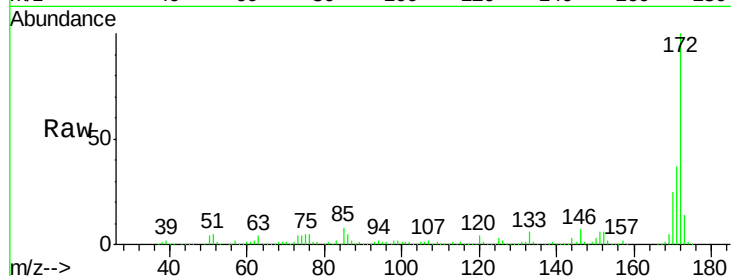




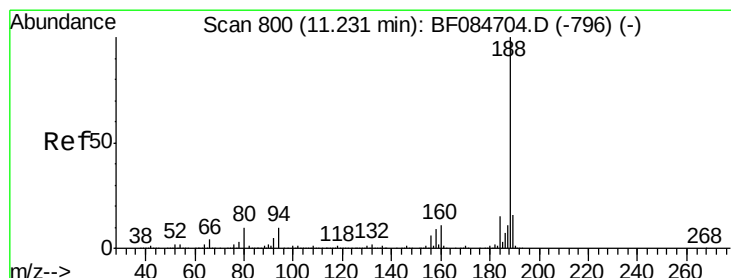
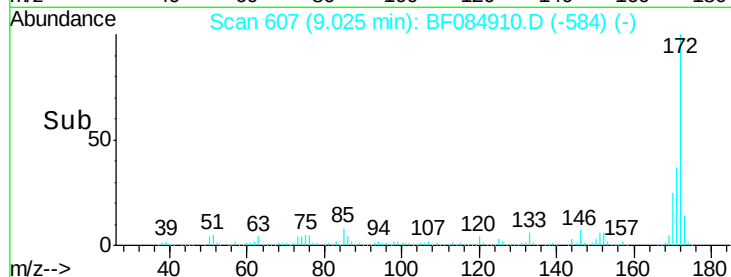
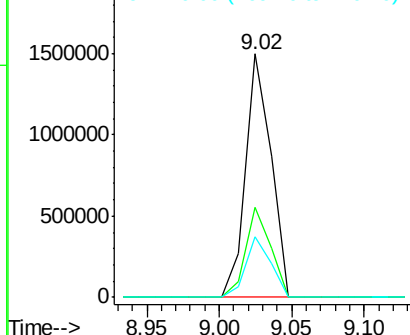
#44
 2-Fluorobiphenyl
 Concen: 110.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tot Ion:172 Resp: 1819059
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.1 18.6 27.8

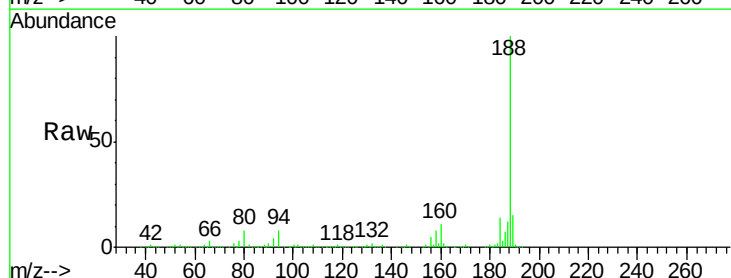


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

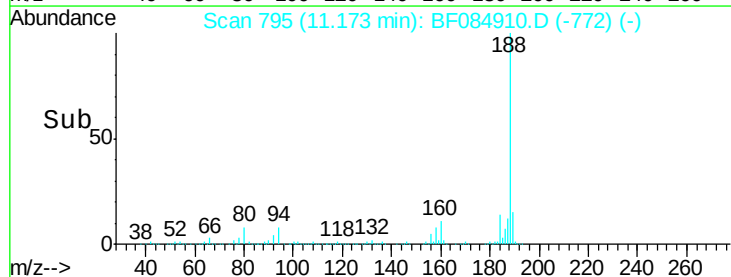
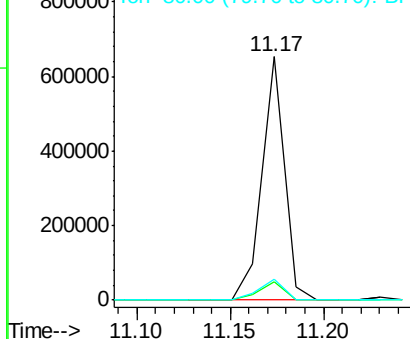


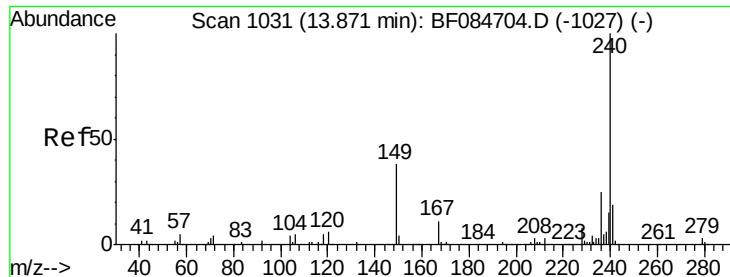
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Tgt Ion:188 Resp: 541617
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.4#
 80 8.3 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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

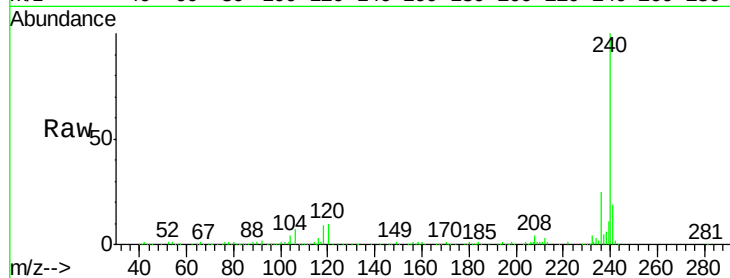
Tot Ion:240 Resp: 369288

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

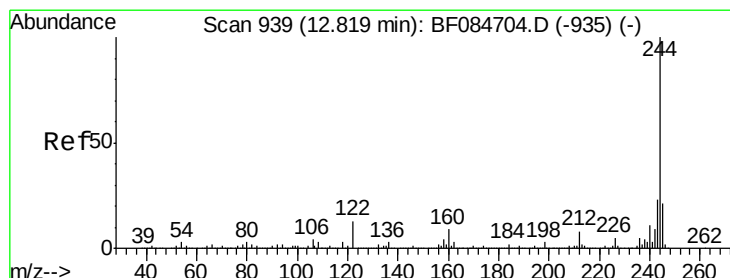
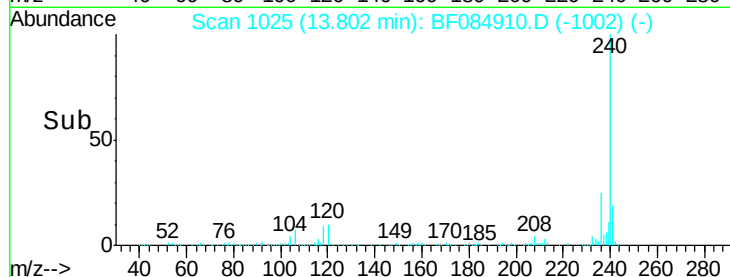
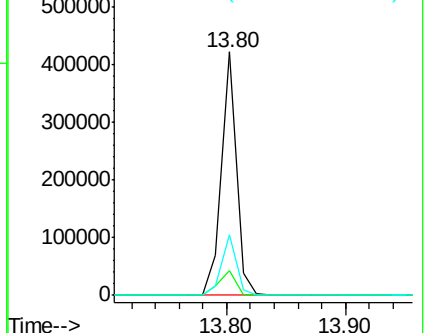
236 24.8 20.6 31.0



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: 85.71 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

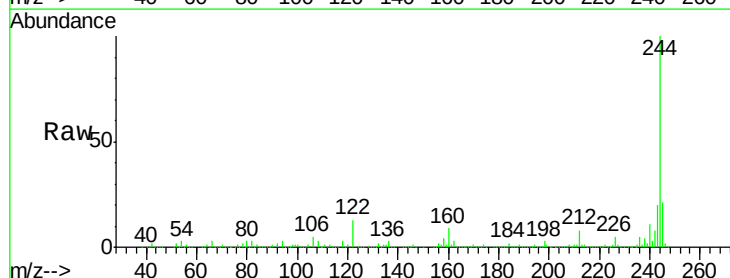
Tgt Ion:244 Resp: 1396715

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

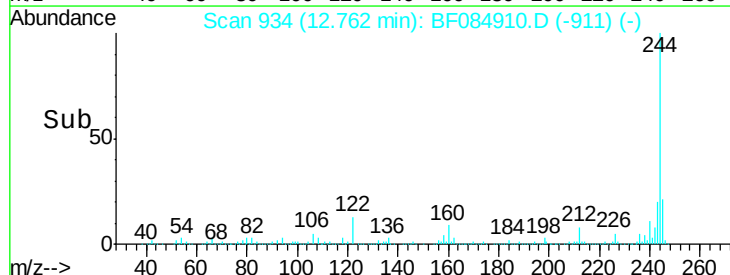
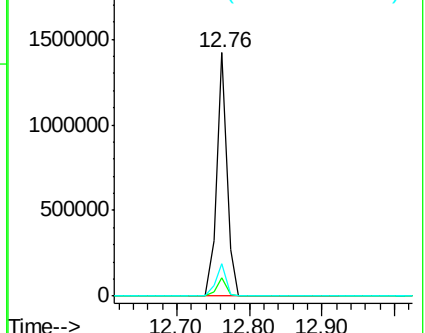
122 13.1 7.4 11.0#

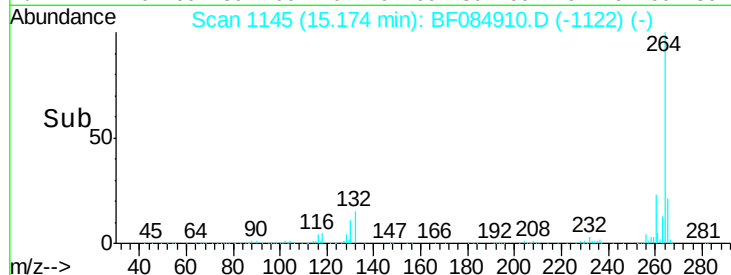
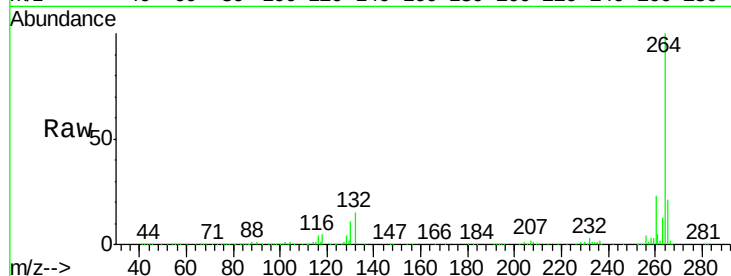
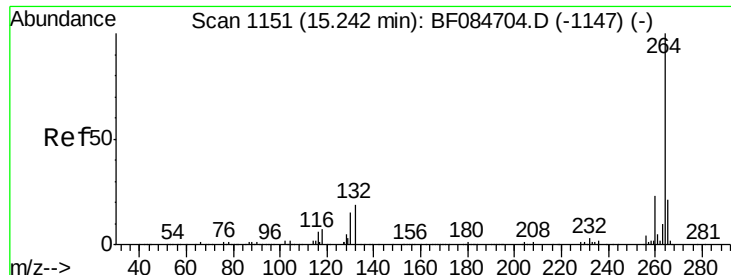


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tot Ion:	264	Resp:	332547
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.9	17.8	26.6

