

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084913.D
 Acq On : 6 Feb 2016 15:53
 Operator : SJ/IZ
 Sample : H1330-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Quant Time: Feb 08 02:44:41 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	178657	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	727335	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	323863	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	547405	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	370024	20.00	ng	-0.03
86) Perylene-d12	15.17	264	324563	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1316145	114.75	ng	-0.01
7) Phenol-d6	6.32	99	1456428	102.42	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1110190	85.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	437698	129.57	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1970514	117.37	ng	-0.03
78) Terphenyl-d14	12.76	244	1453864	89.04	ng	-0.03

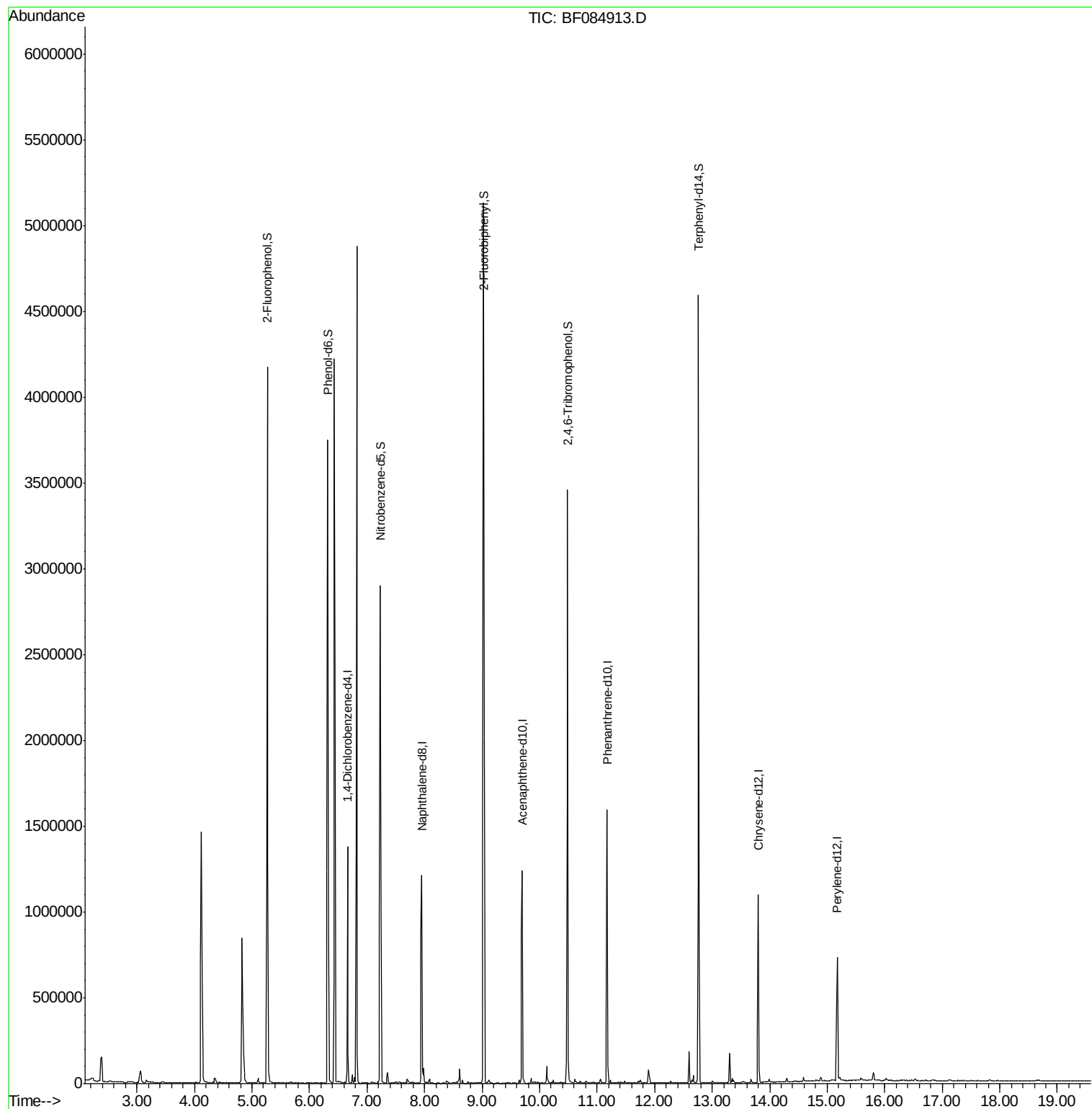
Target Compounds Qvalue

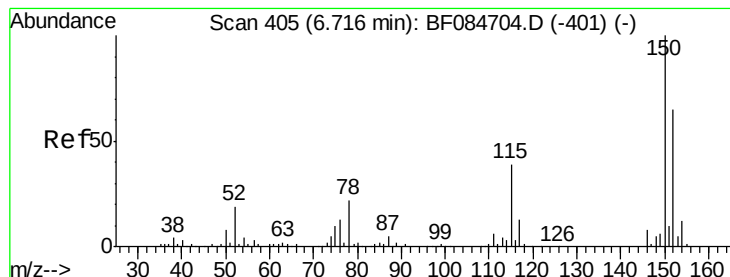
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

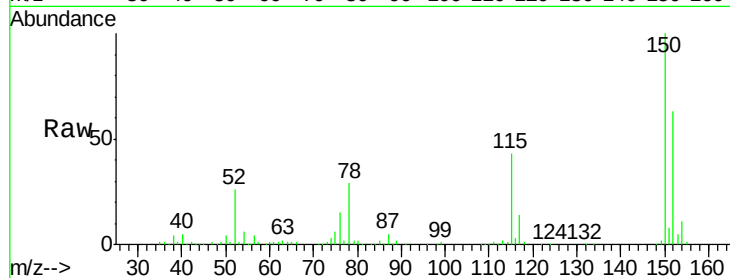
Tot Ion:152 Resp: 178657

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

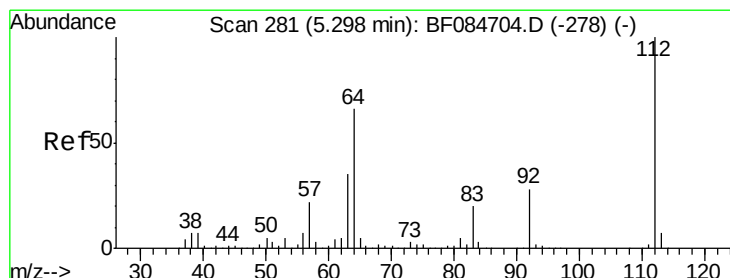
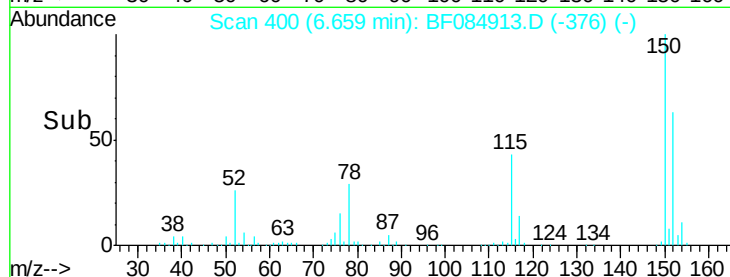
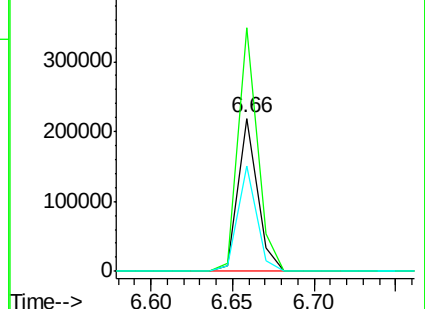
115 69.0 51.4 77.2



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: 114.75 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

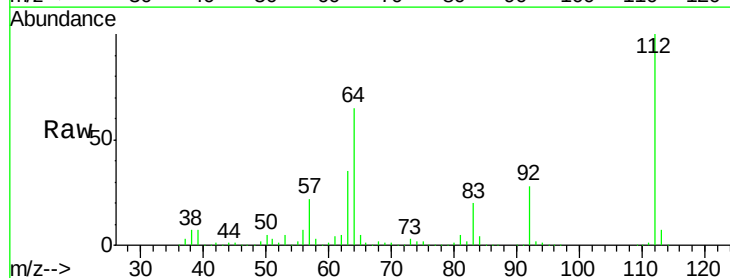
Tgt Ion:112 Resp: 1316145

Ion Ratio Lower Upper

112 100

64 65.4 36.6 55.0#

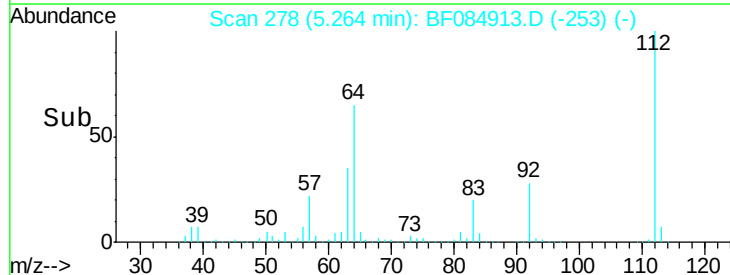
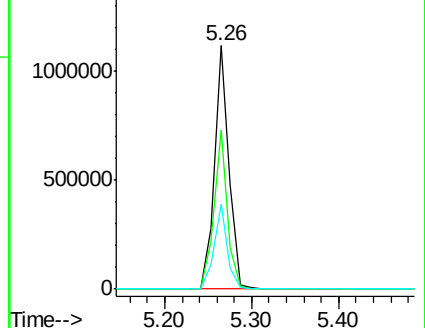
63 34.6 19.4 29.0#

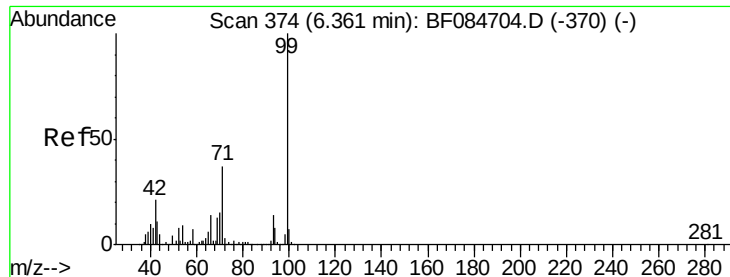


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.42 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

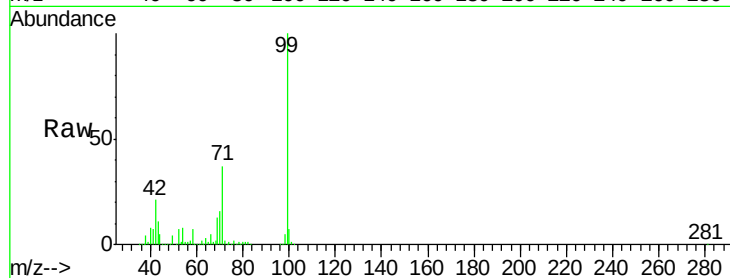
Tot Ion: 99 Resp: 1456428

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

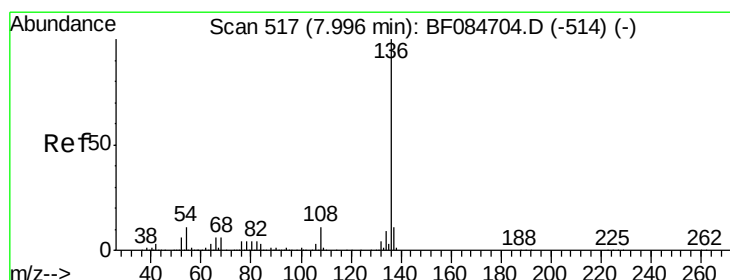
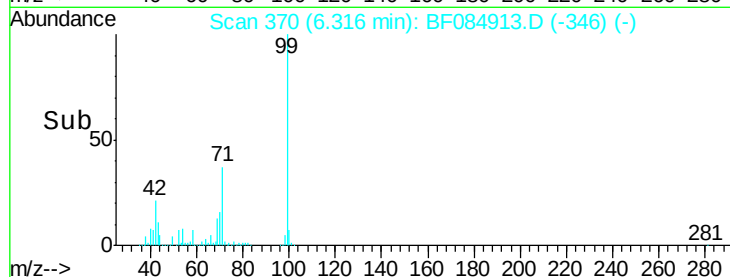
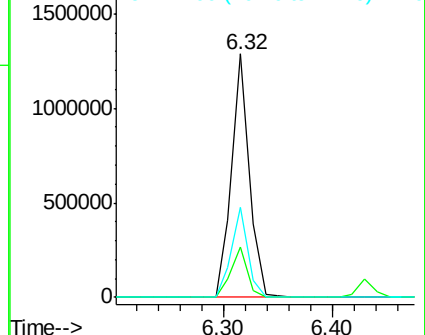
71 37.2 30.9 46.3



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: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

Tgt Ion: 136 Resp: 727335

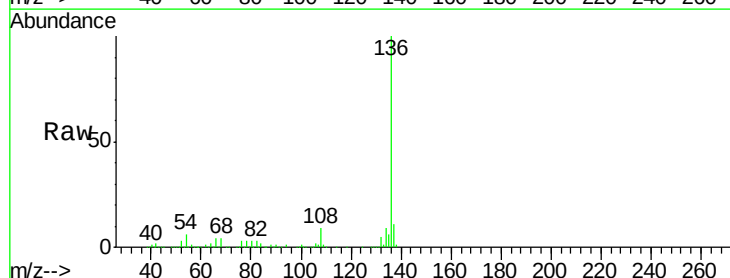
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.8 5.8 8.8#

68 3.6 4.2 6.2#

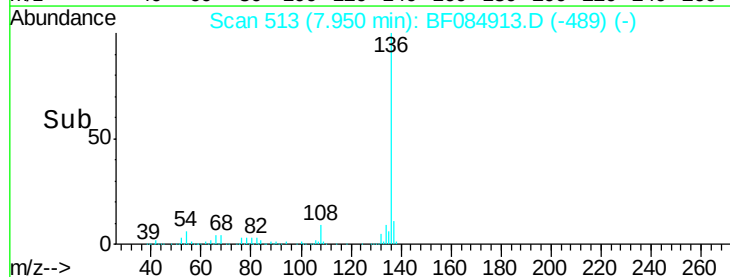
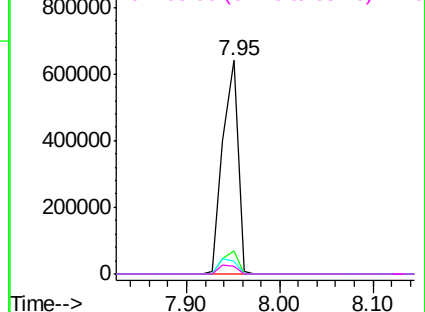


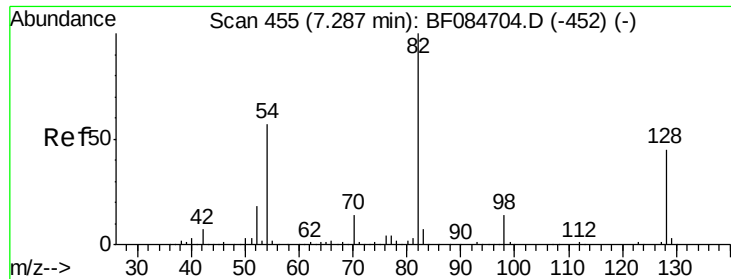
Abundance Ion 136.00 (135.70 to 136.70): E

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

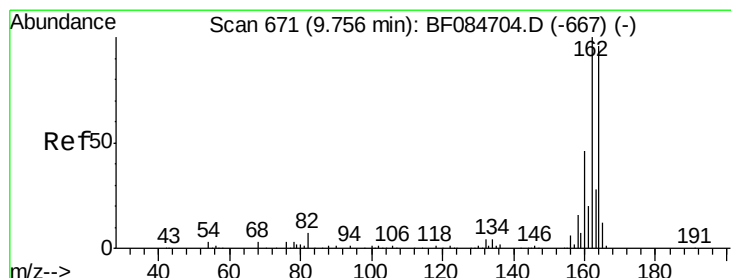
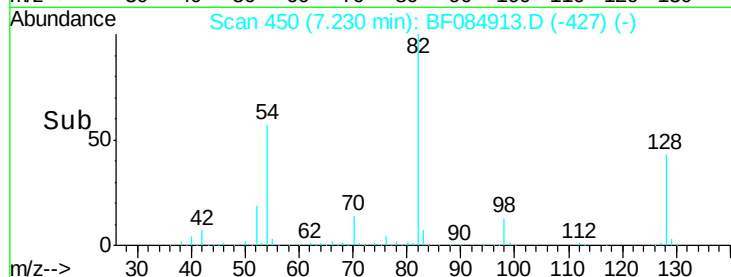
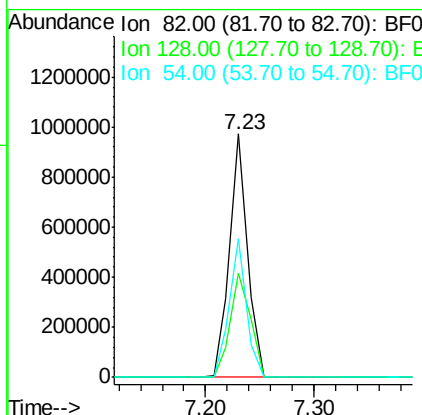
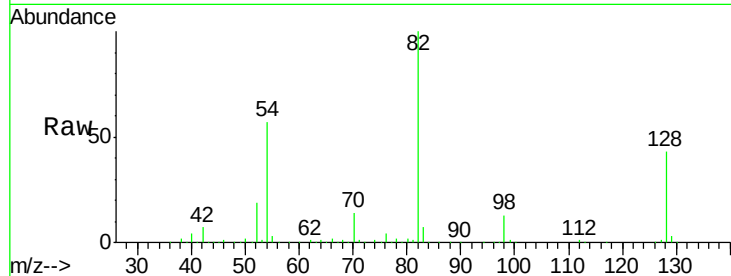




#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

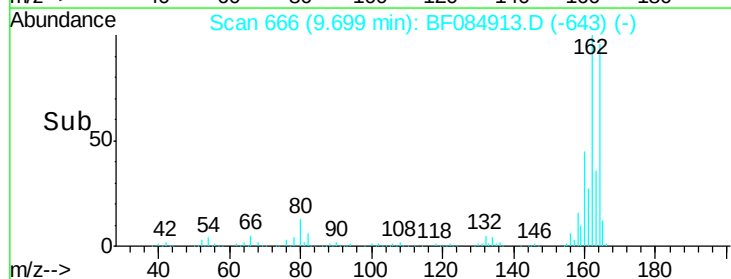
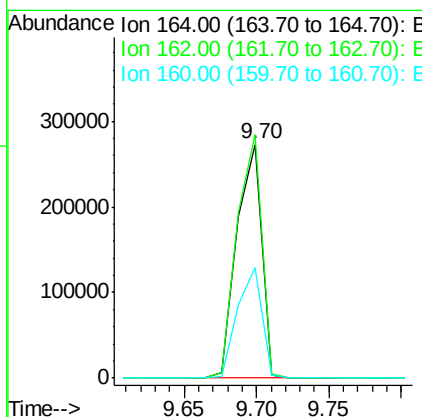
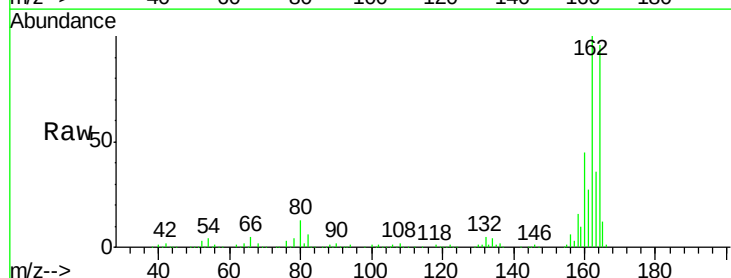
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

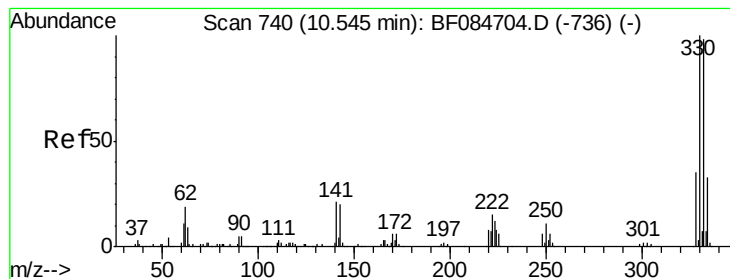
Tot Ion: 82 Resp: 1110190
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 57.2 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion:164 Resp: 323863
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 47.4 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 129.57 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

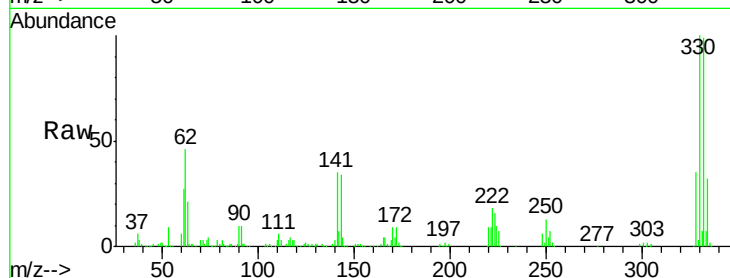
Tot Ion:330 Resp: 437698

Ion Ratio Lower Upper

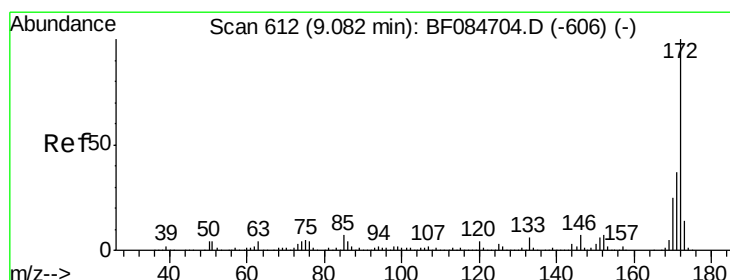
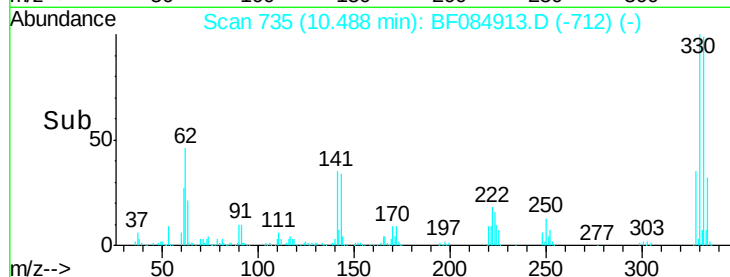
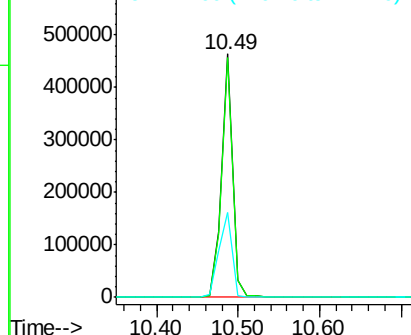
330 100

332 98.6 76.6 114.8

141 41.3 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: 117.37 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

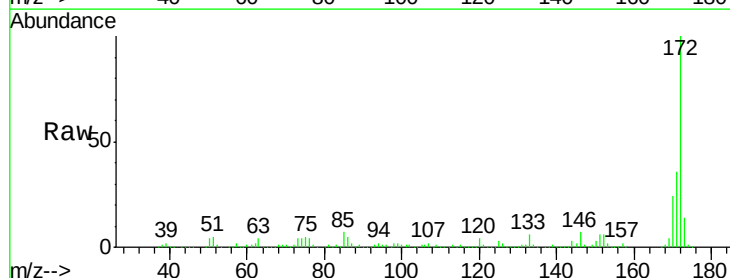
Tgt Ion:172 Resp: 1970514

Ion Ratio Lower Upper

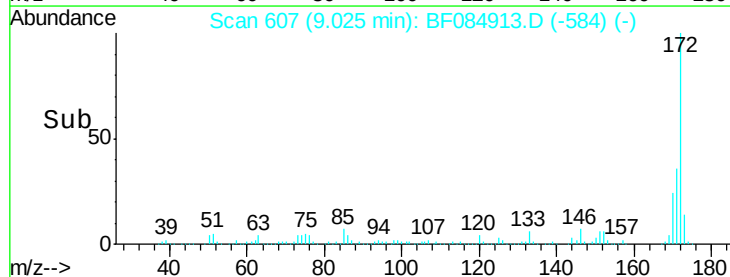
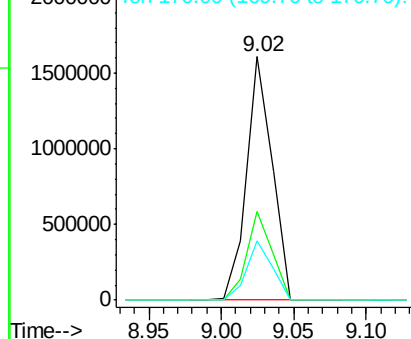
172 100

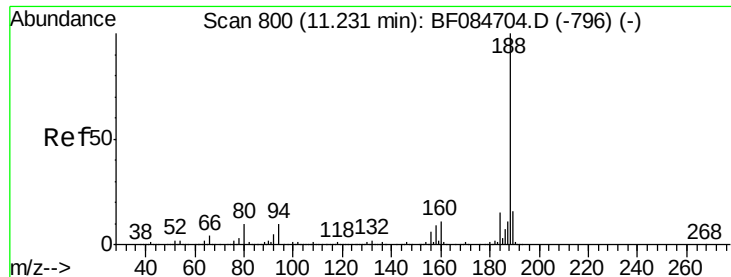
171 36.3 28.9 43.3

170 24.5 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

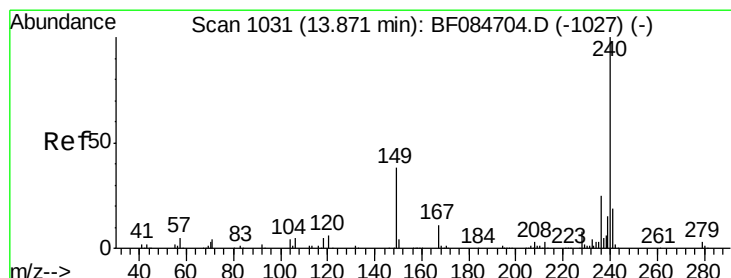
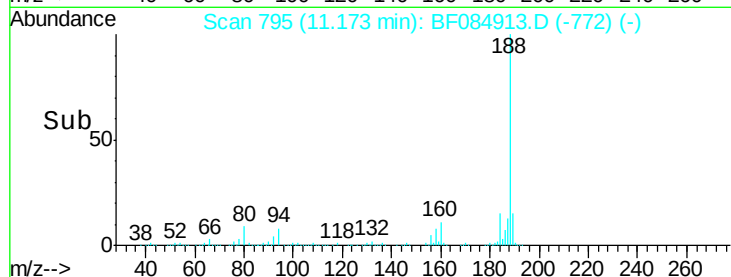
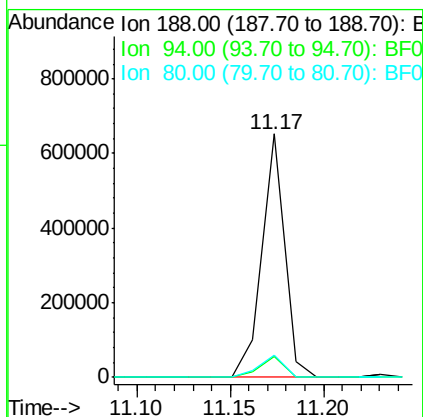
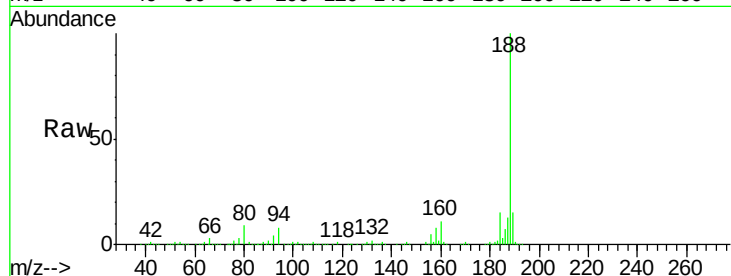




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

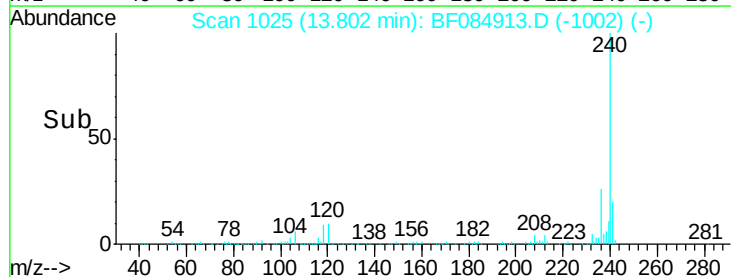
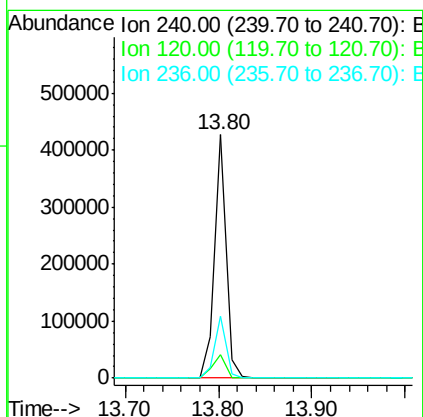
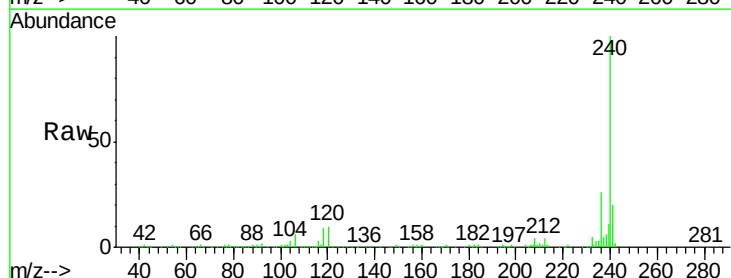
Instrument :
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S4-B010(5-7)

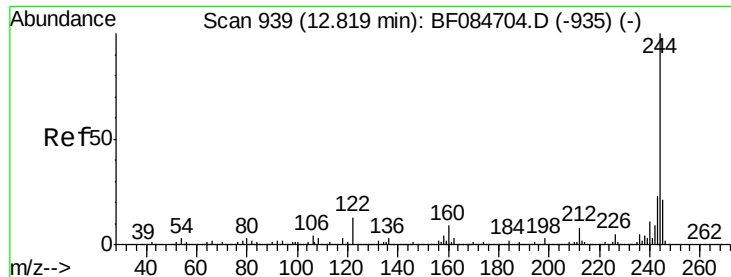
Tot Ion:188 Resp: 547405
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.9 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

Tgt Ion:240 Resp: 370024
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.7 20.6 31.0

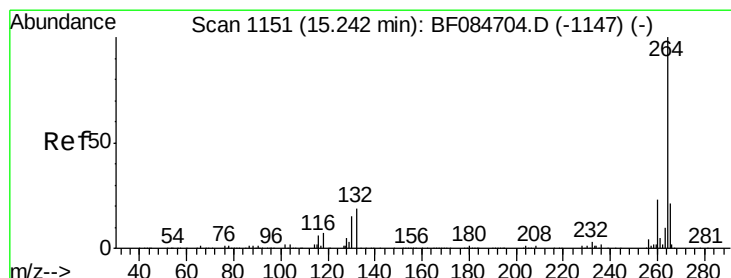
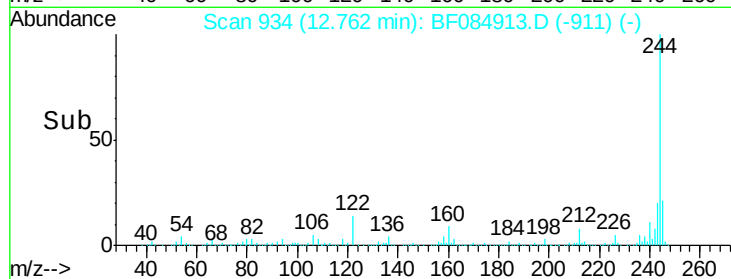
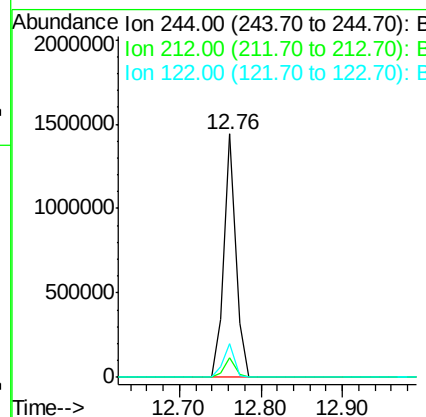
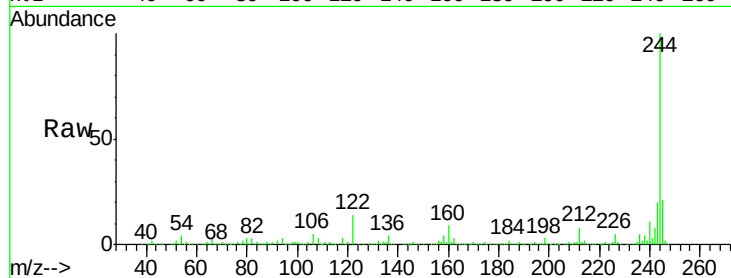




#78
 Terphenyl-d14
 Concen: 89.04 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Tot Ion:244 Resp: 1453864
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion:264 Resp: 324563
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.8 26.6

