

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084860.D
 Acq On : 5 Feb 2016 15:28
 Operator : SJ/IZ
 Sample : H1329-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(46-48)

Quant Time: Feb 05 22:27:13 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

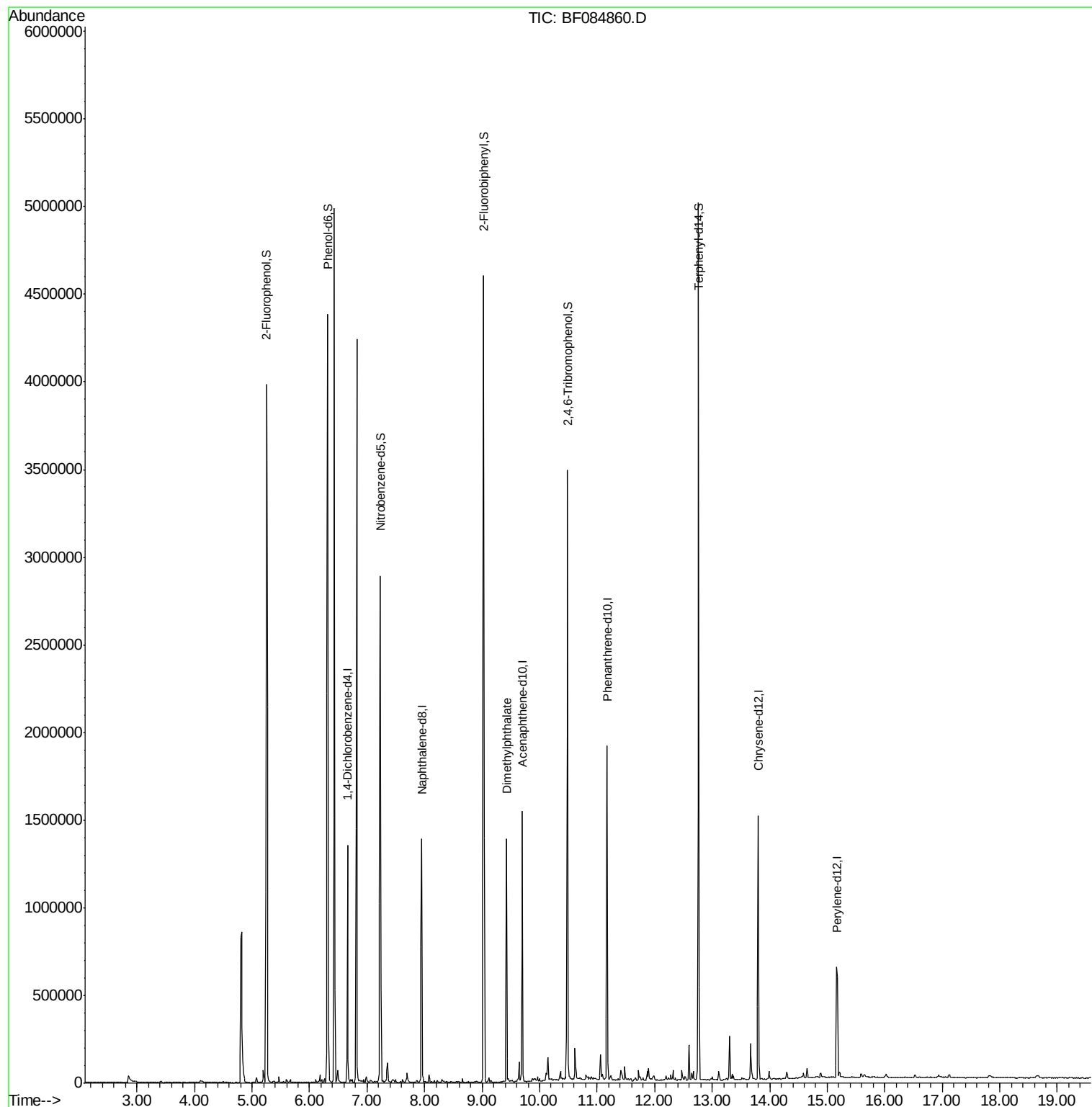
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177202	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	751182	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	351891	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	638493	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	520978	20.00	ng	-0.03
86) Perylene-d12	15.17	264	344282	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1452253	127.65	ng	-0.02
7) Phenol-d6	6.32	99	1644429	116.60	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1029281	77.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	477613	130.12	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1604357	73.34	ng	-0.03
78) Terphenyl-d14	12.76	244	1569330	68.26	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	495882	18.50	ng	Qvalue # 90

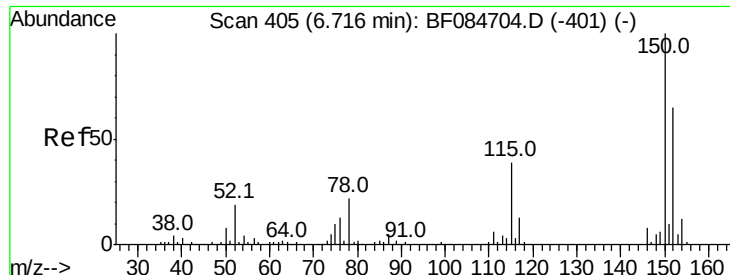
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084860.D

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Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

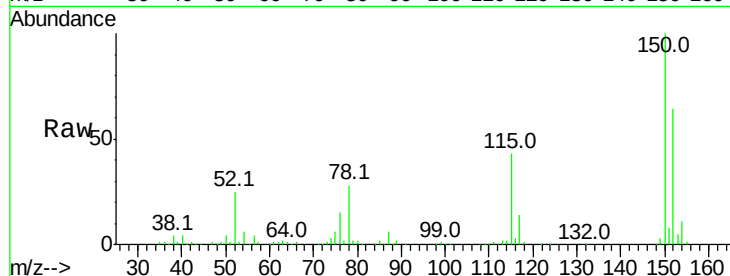
Tot Ion:152 Resp: 177202

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

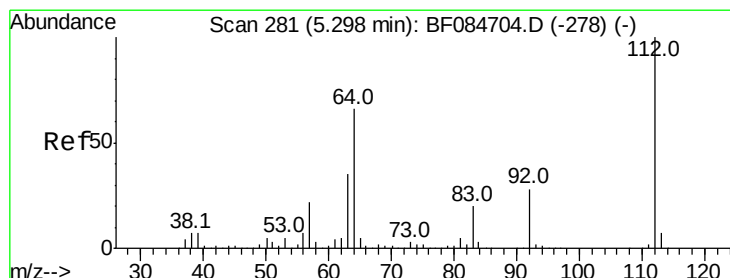
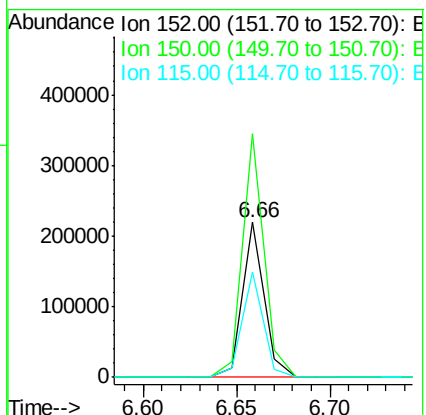
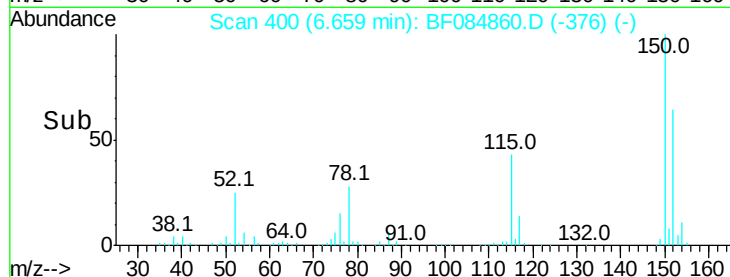
115 67.9 51.4 77.2



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: 127.65 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

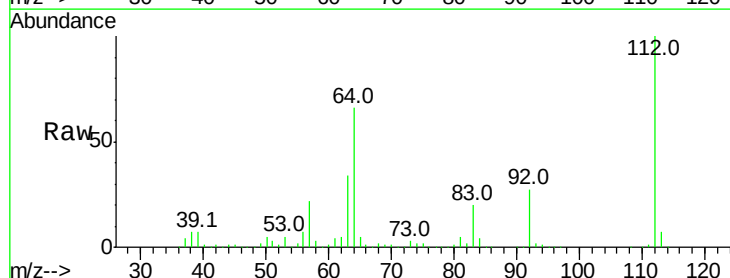
Tgt Ion:112 Resp: 1452253

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

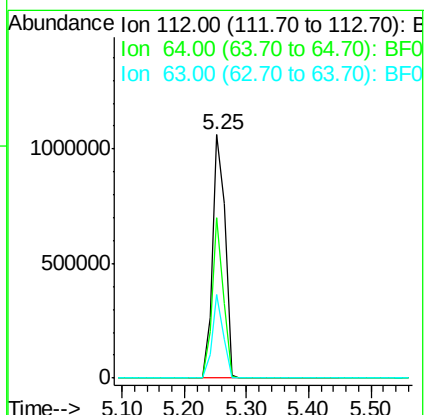
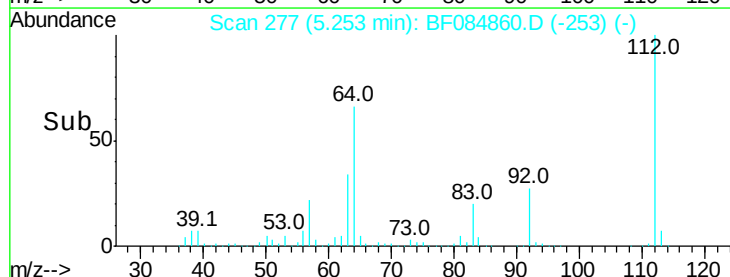
63 34.3 19.4 29.0#

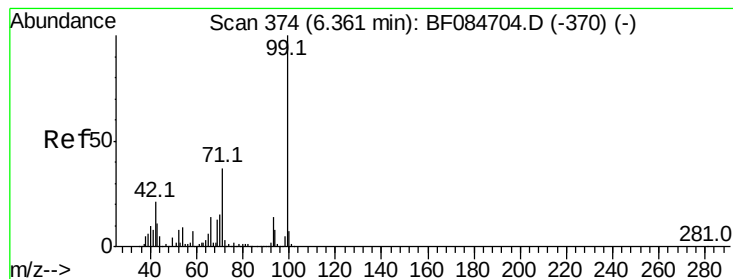


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.60 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

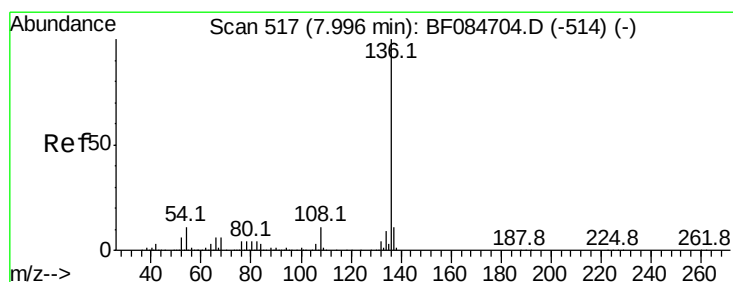
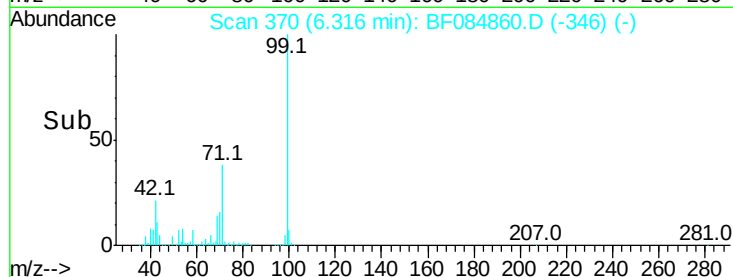
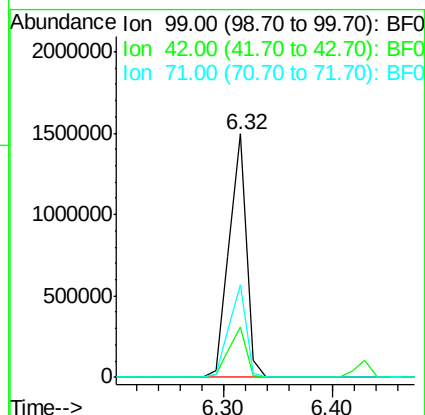
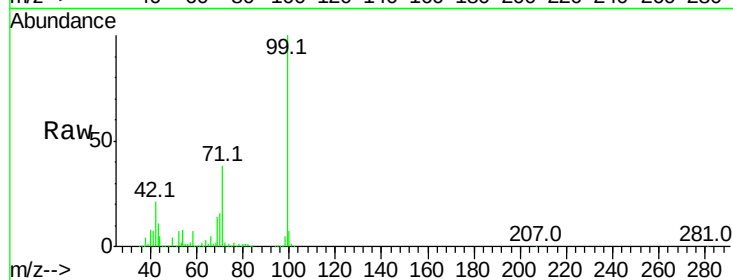
BNA_F

ClientSampleId :

S4-B004(46-48)

Tot Ion: 99 Resp: 1644429

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	38.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

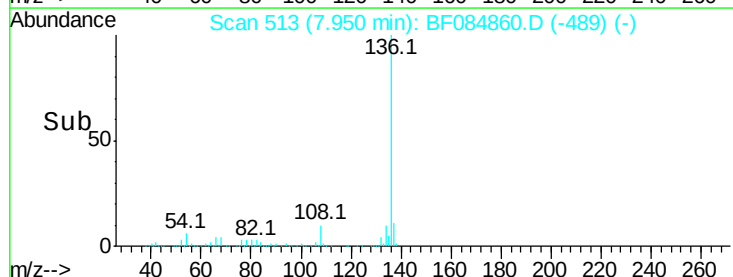
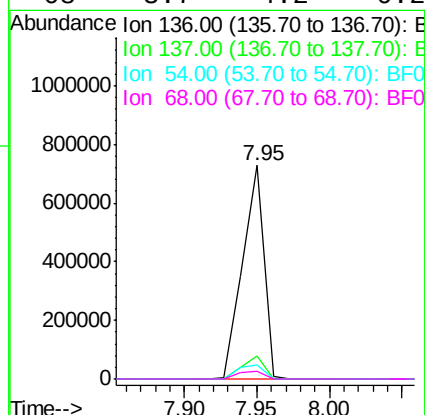
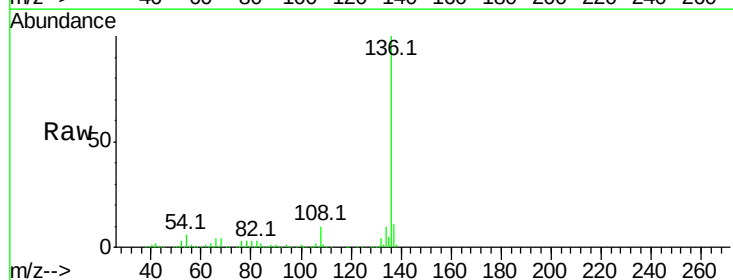
Delta R.T. -0.02 min

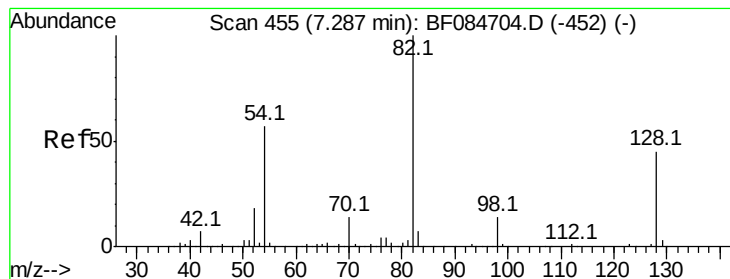
Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Tgt Ion: 136 Resp: 751182

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	5.8	8.8
68	3.7	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 77.19 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

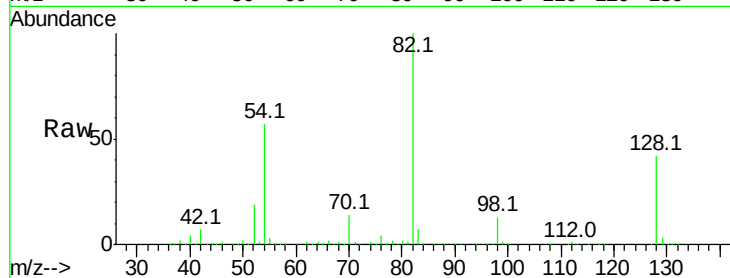
Tot Ion: 82 Resp: 1029281

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

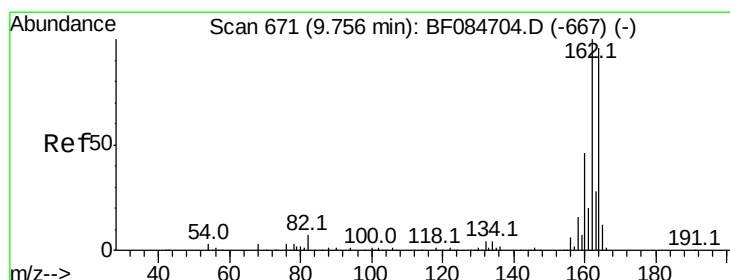
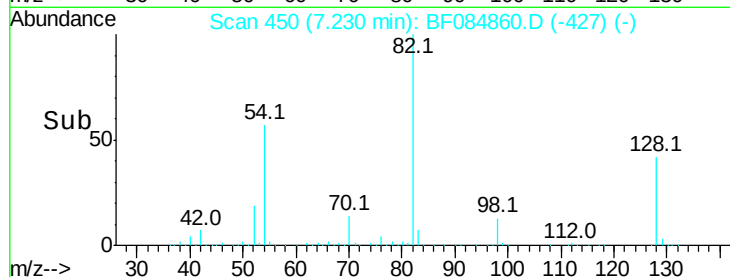
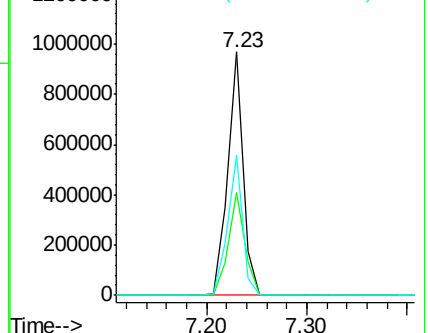
54 57.5 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

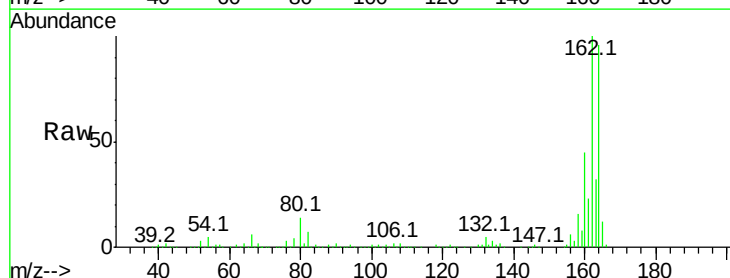
Tgt Ion:164 Resp: 351891

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

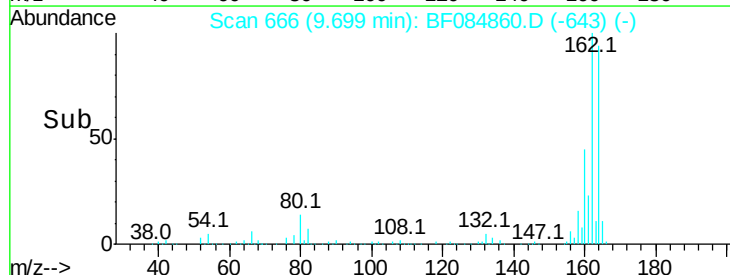
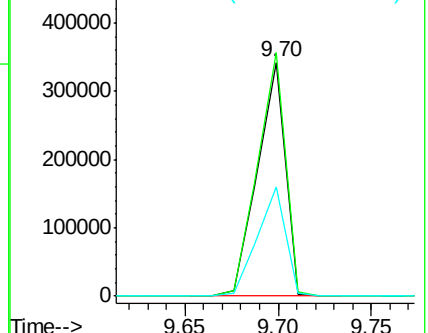
160 46.9 37.5 56.3

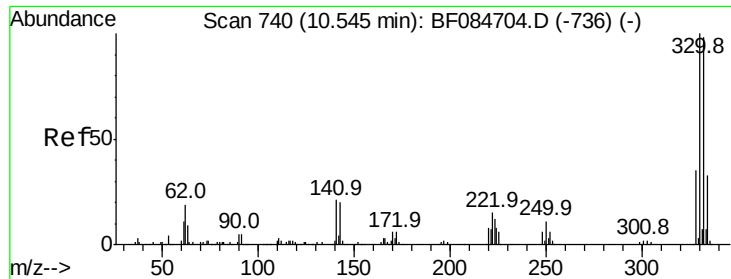


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

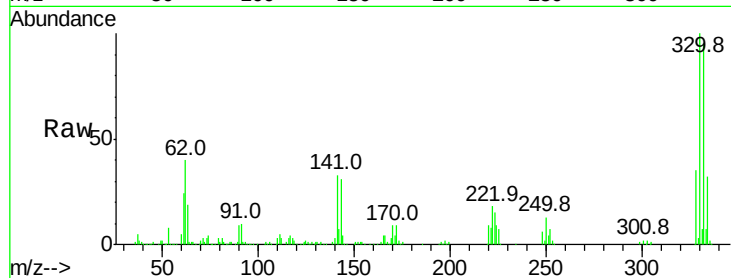




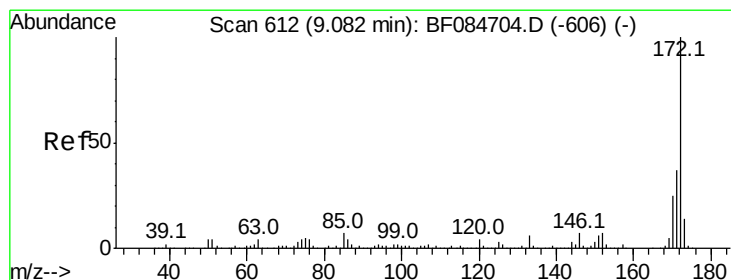
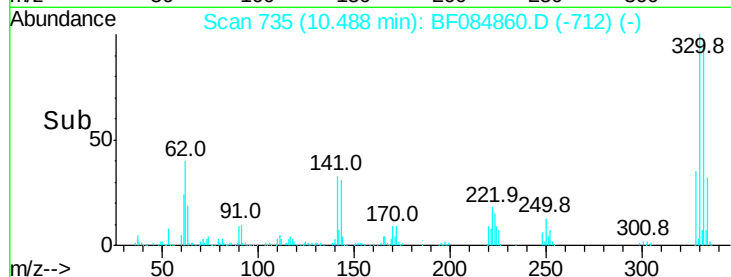
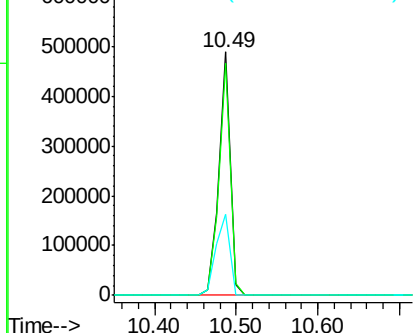
#41
 2,4,6-Tribromophenol
 Concen: 130.12 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(46-48)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	40.6	27.8	41.6

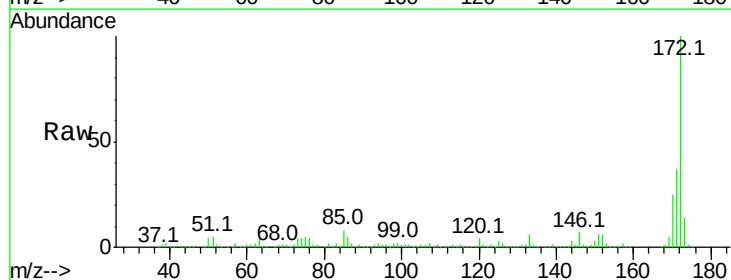


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

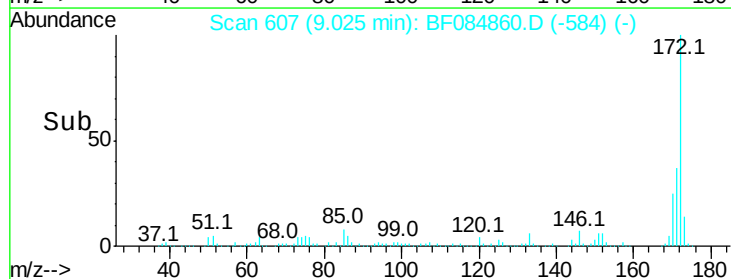
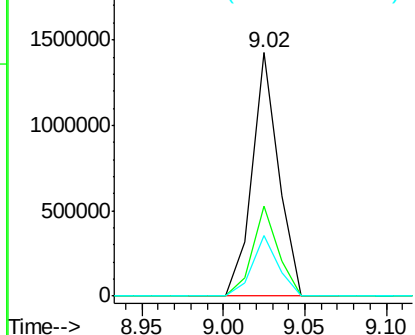


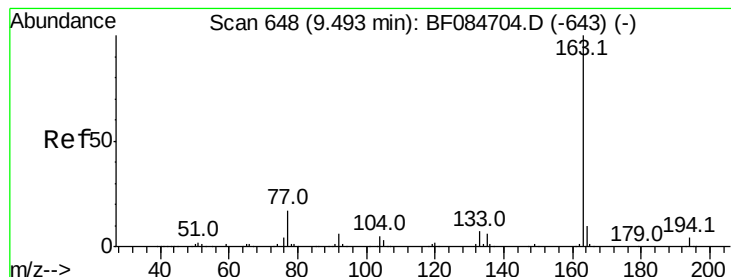
#44
 2-Fluorobiphenyl
 Concen: 73.34 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084860.D
 Acq: 5 Feb 2016 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.7	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: 18.50 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

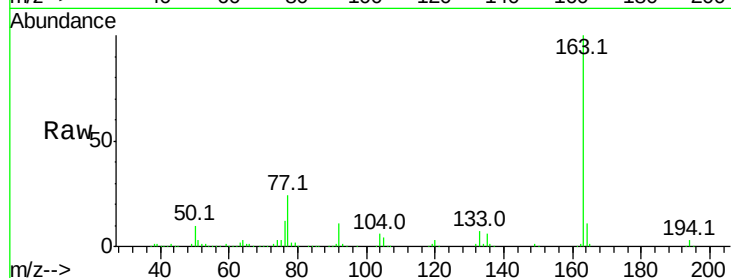
Tot Ion:163 Resp: 495882

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

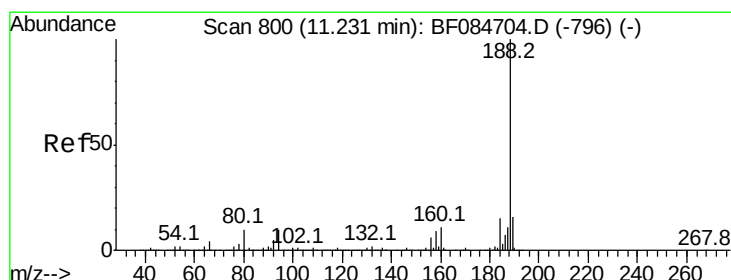
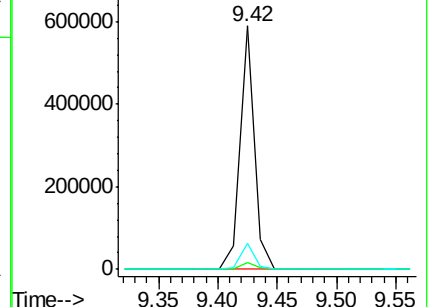
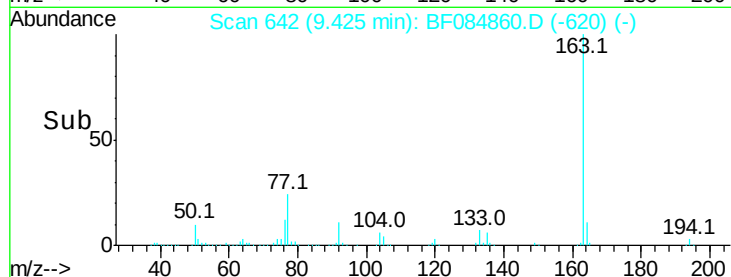
164 10.6 8.0 12.0



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

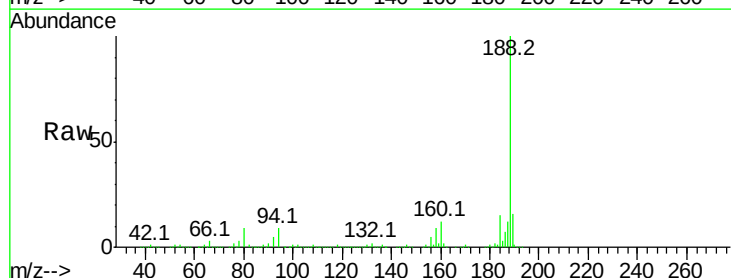
Tgt Ion:188 Resp: 638493

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

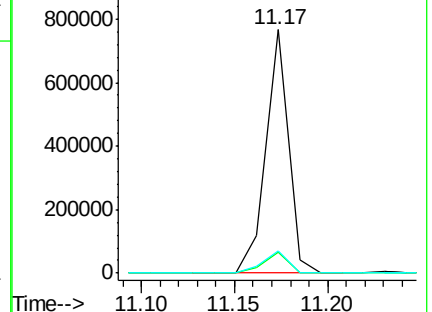
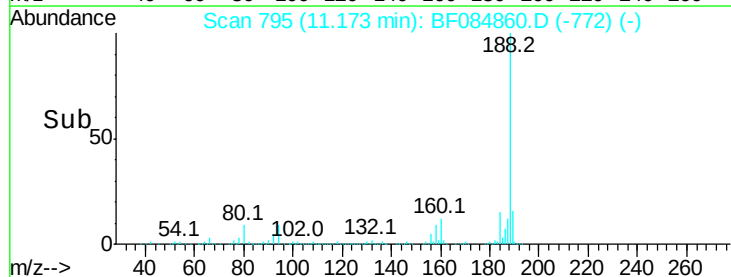
80 9.0 9.6 14.4#

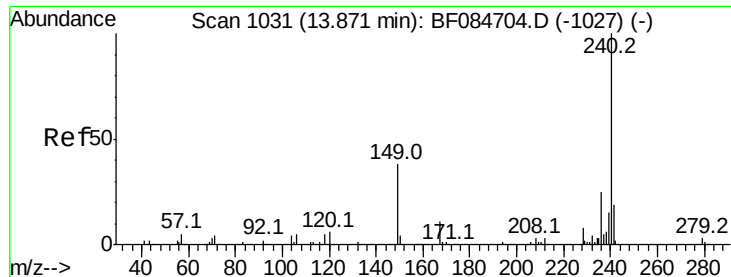


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084860.D

Acq: 5 Feb 2016 15:28

Instrument :

BNA_F

ClientSampleId :

S4-B004(46-48)

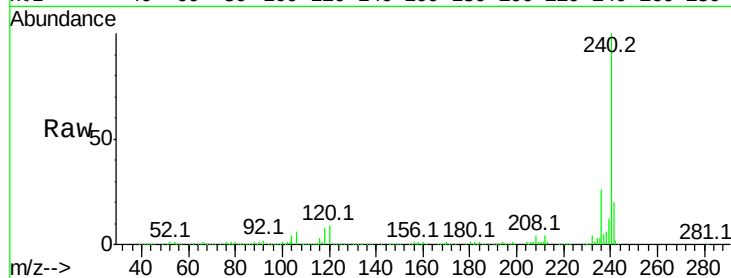
Tot Ion:240 Resp: 520978

Ion Ratio Lower Upper

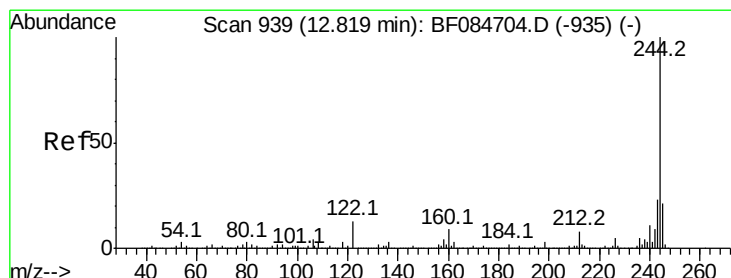
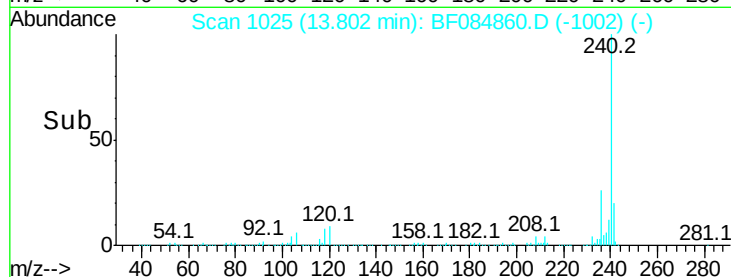
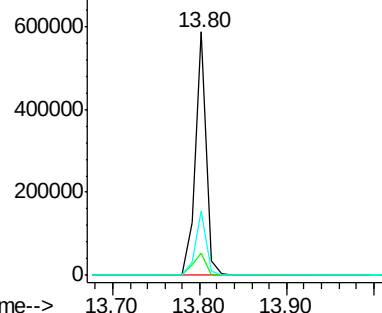
240 100

120 9.3 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: 68.26 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084860.D

Acq: 5 Feb 2016 15:28

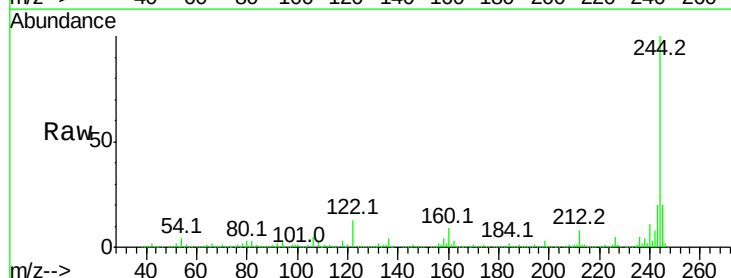
Tgt Ion:244 Resp: 1569330

Ion Ratio Lower Upper

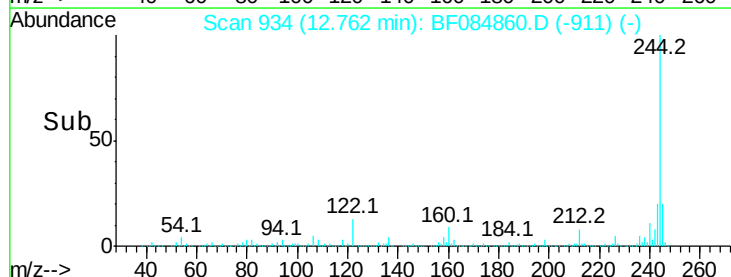
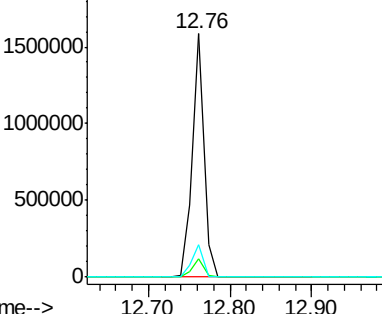
244 100

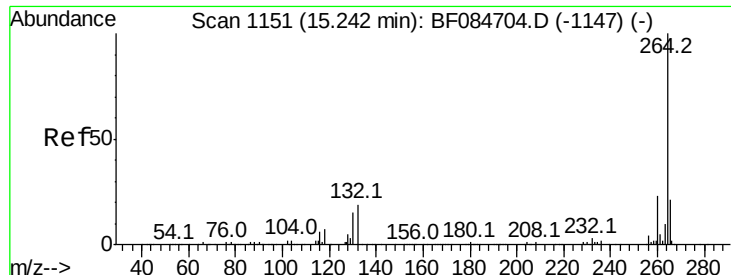
212 7.6 5.7 8.5

122 13.4 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



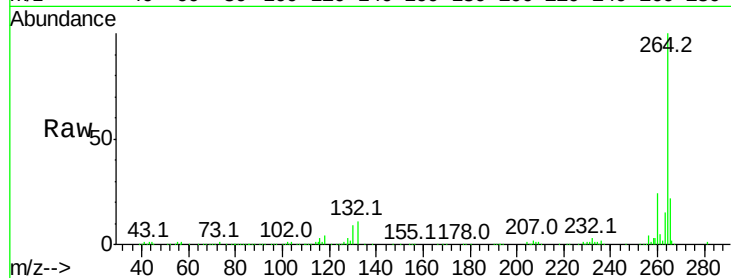


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084860.D
Acq: 5 Feb 2016 15:28

Instrument :
BNA_F
ClientSampleId :
S4-B004(46-48)

Tot Ion:264 Resp: 344282

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	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

