

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088849.D
 Acq On : 9 Jul 2016 3:12
 Operator : UM/SJ
 Sample : H3813-18 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01

Quant Time: Jul 09 04:49:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

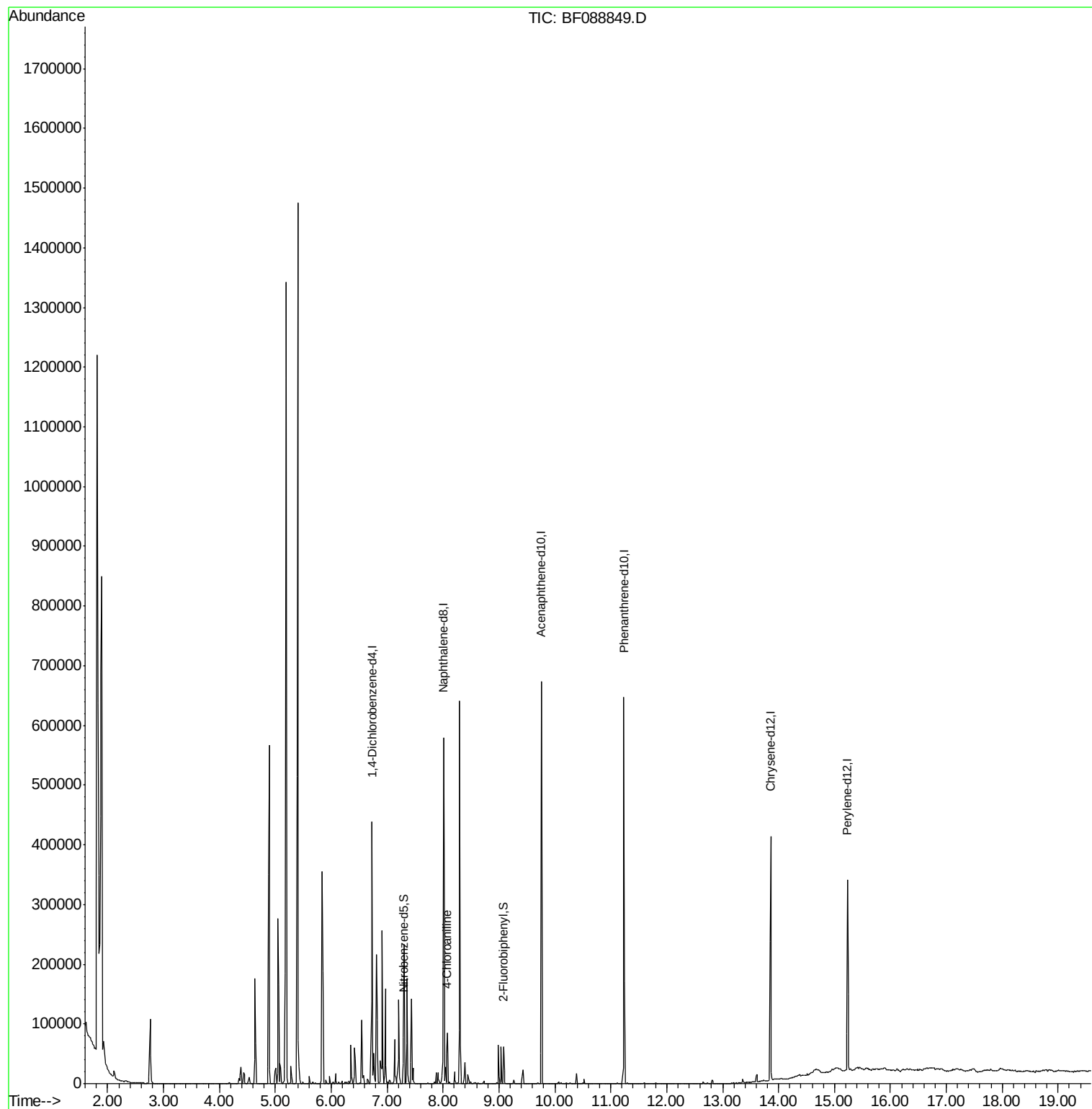
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	66268	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	256689	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	124441	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	228161	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	163307	20.00	ng	-0.01
86) Perylene-d12	15.23	264	130642	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	255	0.06	ng	0.08
7) Phenol-d6	6.35	99	3093	0.54	ng	-0.02
23) Nitrobenzene-d5	7.29	82	11059	2.26	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	19640	2.49	ng	-0.01
78) Terphenyl-d14	12.81	244	4292	0.59	ng	-0.01
Target Compounds						
33) 4-Chloroaniline	8.08	127	12680	2.25	ng	Qvalue # 63

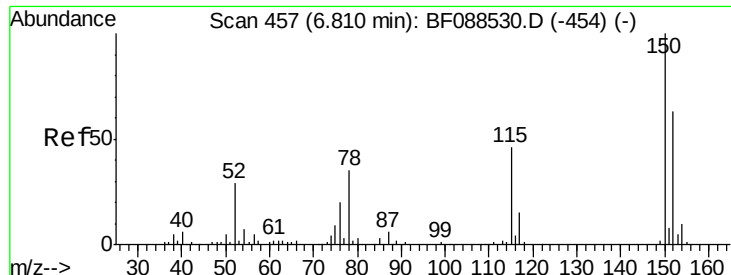
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01

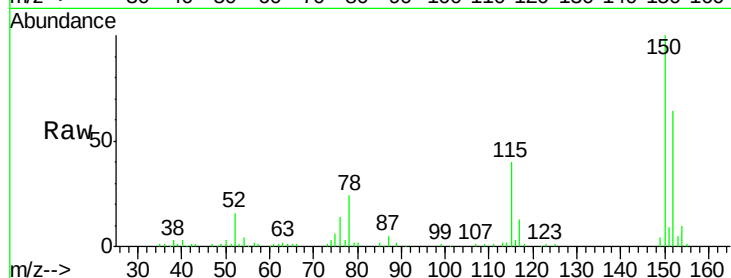
Tot Ion:152 Resp: 66268

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

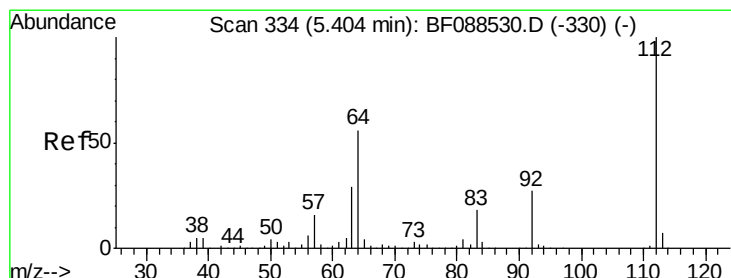
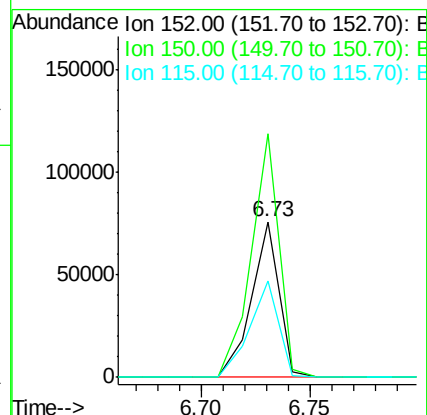
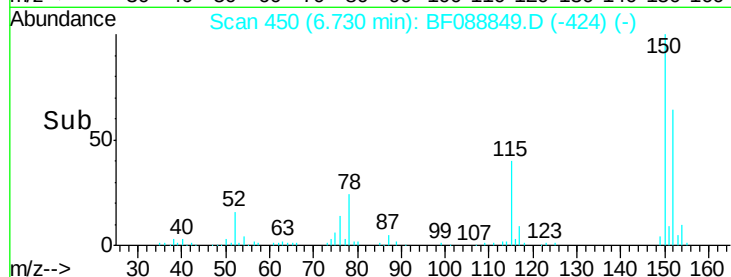
115 62.1 39.6 59.4#



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: 0.06 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.08 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

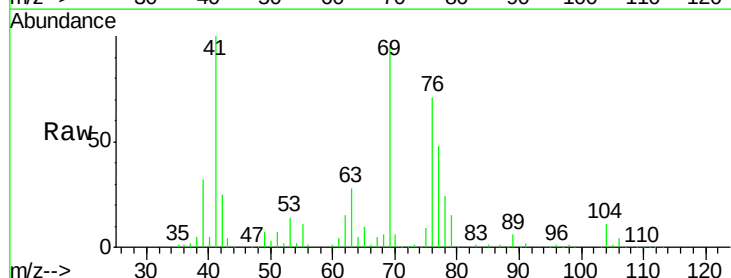
Tgt Ion:112 Resp: 255

Ion Ratio Lower Upper

112 100

64 3351.1 42.2 63.2#

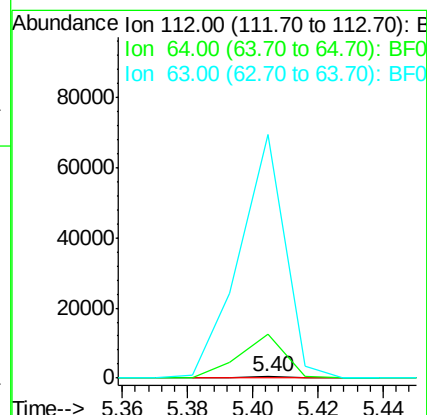
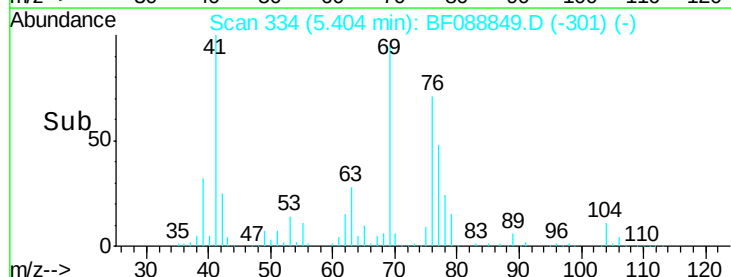
63 18671.0 21.8 32.8#

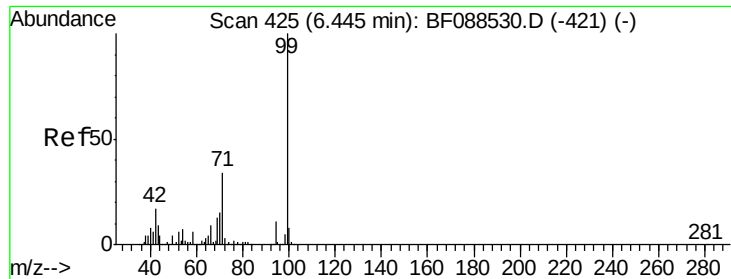


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.54 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01

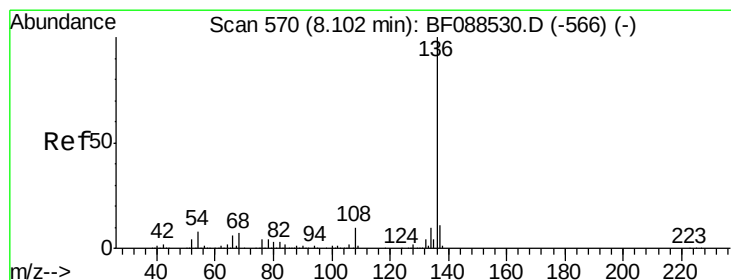
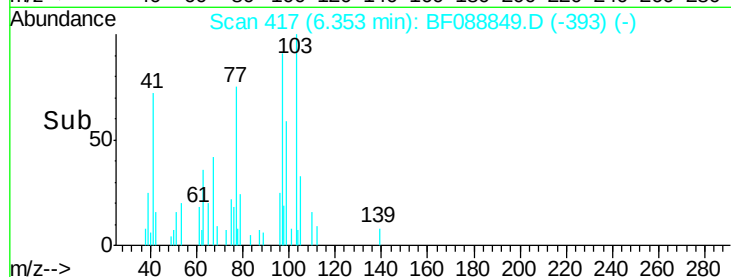
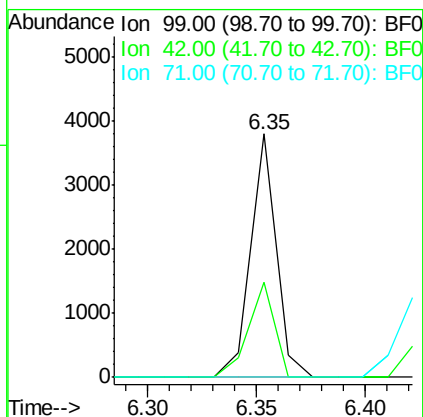
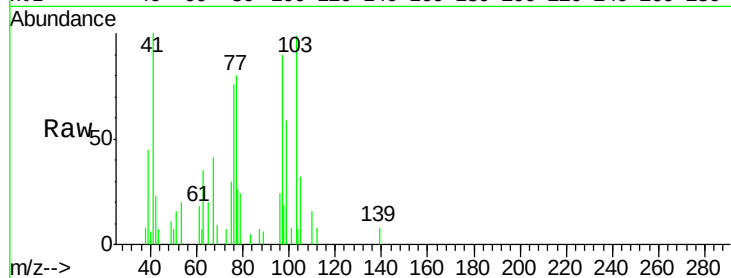
Tot Ion: 99 Resp: 3093

Ion Ratio Lower Upper

99 100

42 39.3 12.2 18.2#

71 0.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

Tgt Ion: 136 Resp: 256689

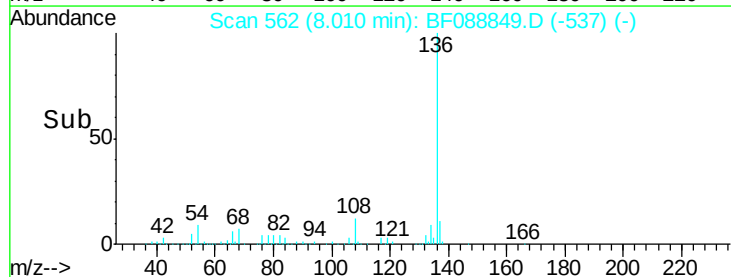
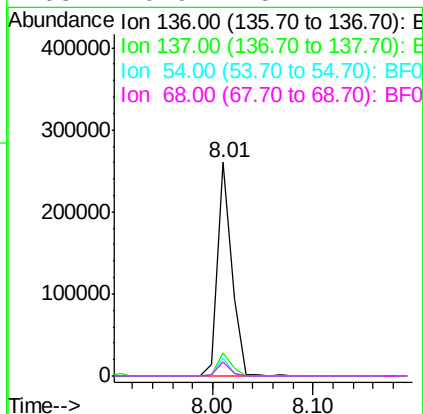
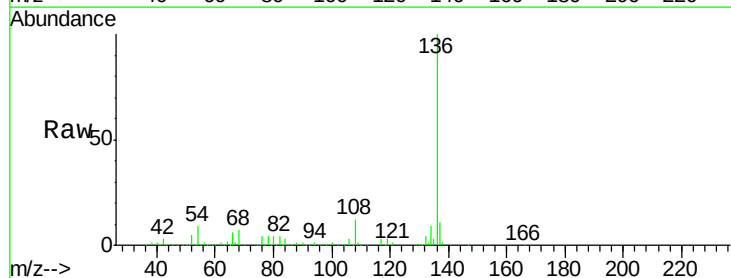
Ion Ratio Lower Upper

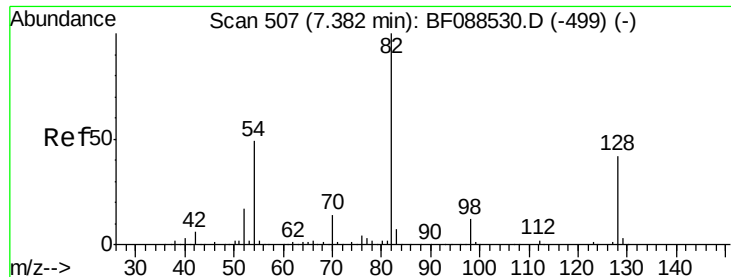
136 100

137 11.0 9.1 13.7

54 8.6 6.6 10.0

68 6.9 5.1 7.7

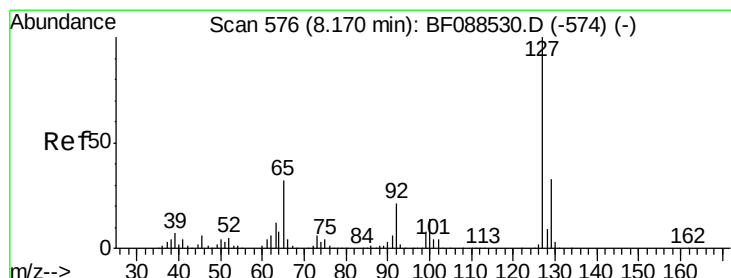
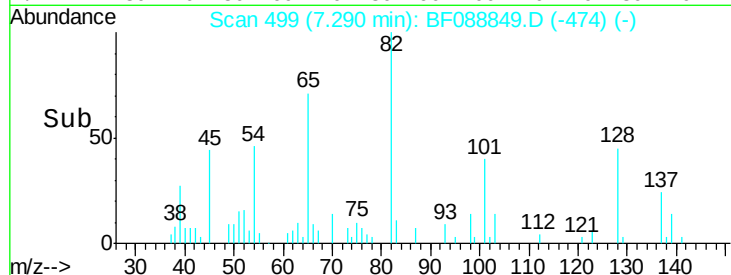
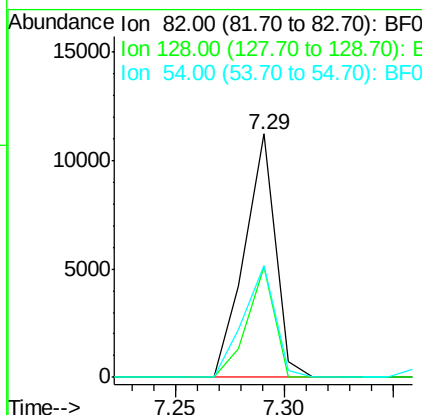
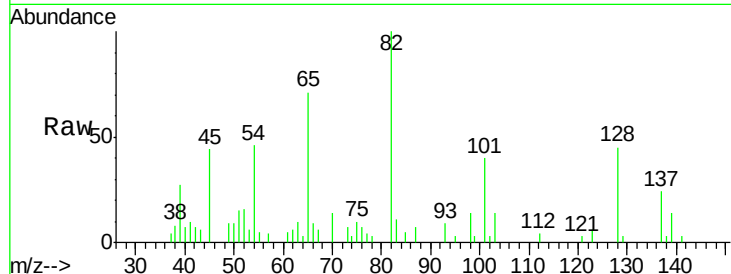




#23
 Nitrobenzene-d5
 Concen: 2.26 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088849.D
 Acq: 9 Jul 2016 3:12

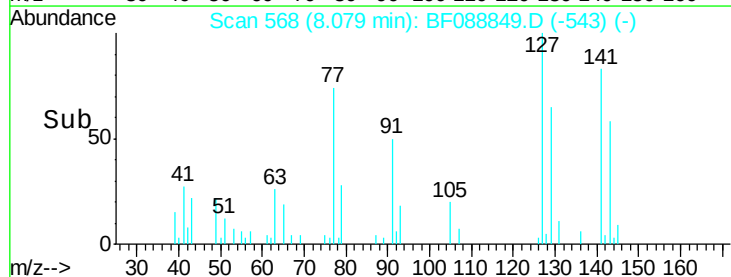
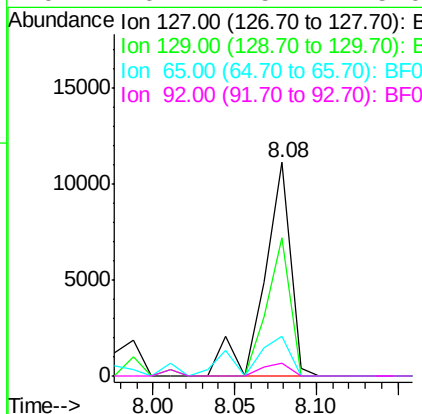
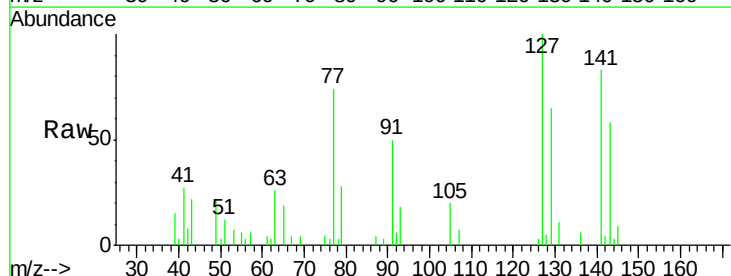
Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01

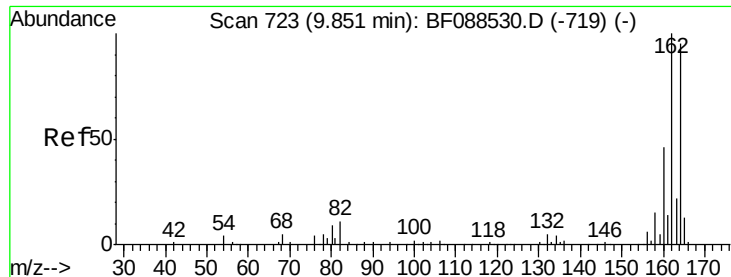
Tot Ion	82	Resp	11059
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.9	53.9
54	46.0	40.9	61.3



#33
 4-Chloroaniline
 Concen: 2.25 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088849.D
 Acq: 9 Jul 2016 3:12

Tgt Ion	127	Resp	12680
Ion Ratio	Lower	Upper	
127	100		
129	64.8	26.3	39.5#
65	18.7	24.7	37.1#
92	6.1	15.4	23.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01

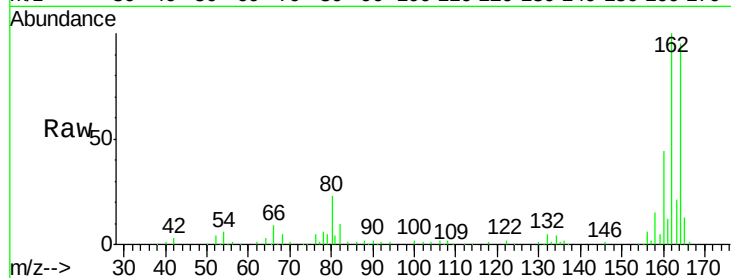
Tot Ion:164 Resp: 124441

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

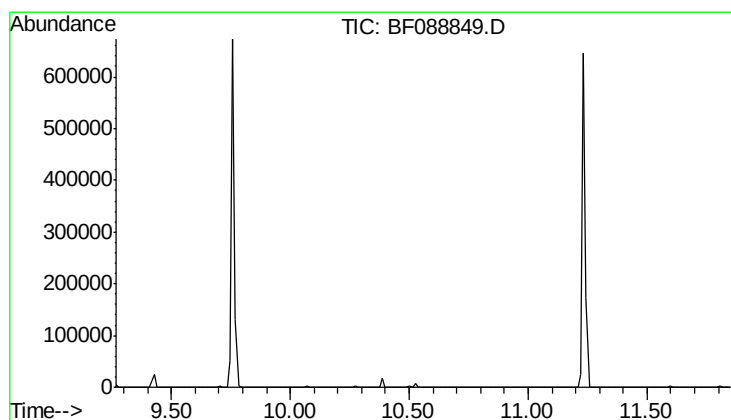
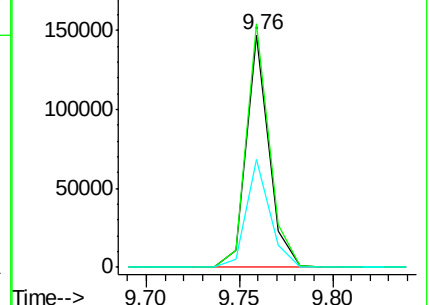
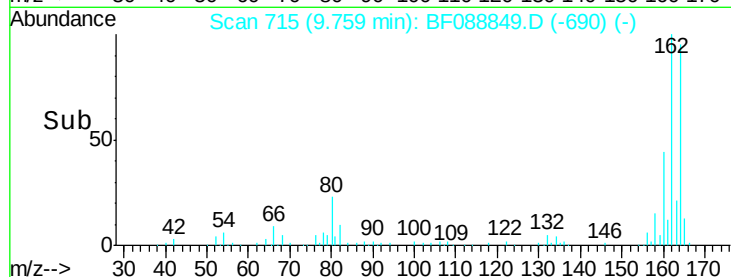
160 46.5 39.5 59.3



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: 0.00 ng

Expected RT: 10.56 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

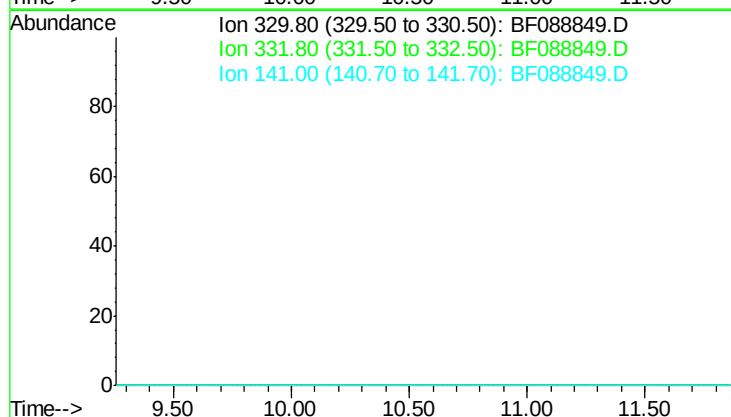
Tgt Ion: 330

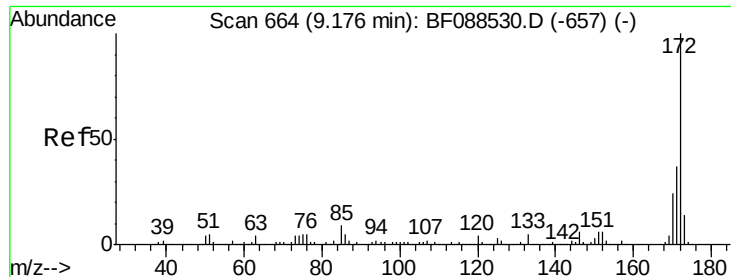
Sig Exp Ratio

330 100

332 0.0

141 0.0

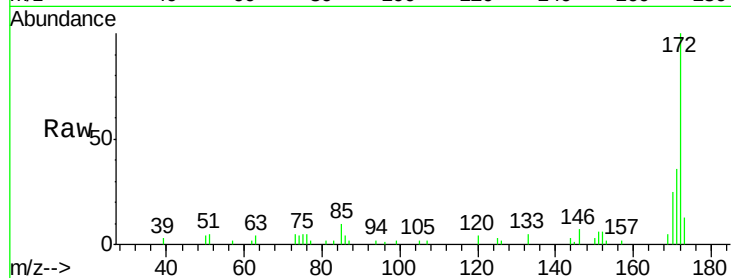




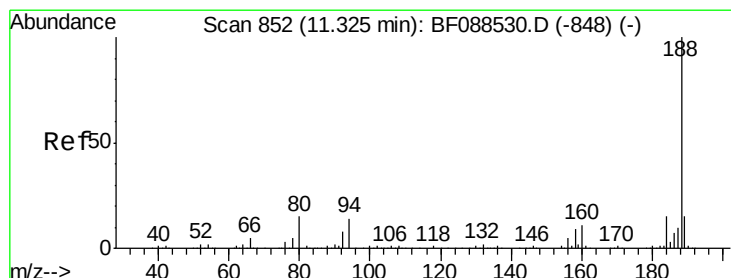
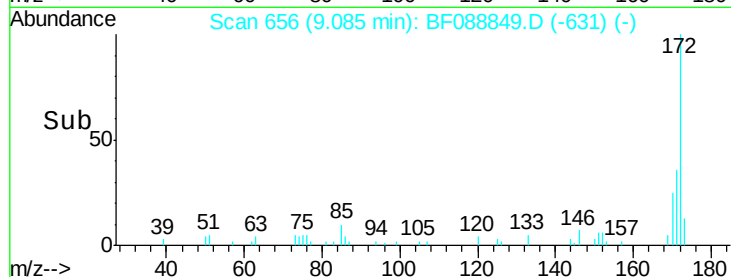
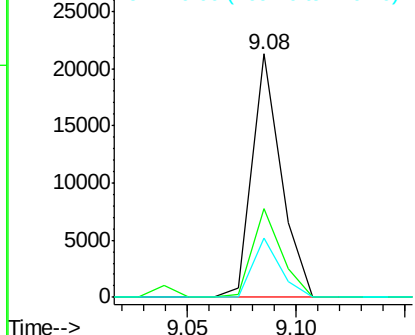
#44
 2-Fluorobiphenyl
 Concen: 2.49 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088849.D
 Acq: 9 Jul 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01

Tot Ion:172 Resp: 19640
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.6 19.2 28.8

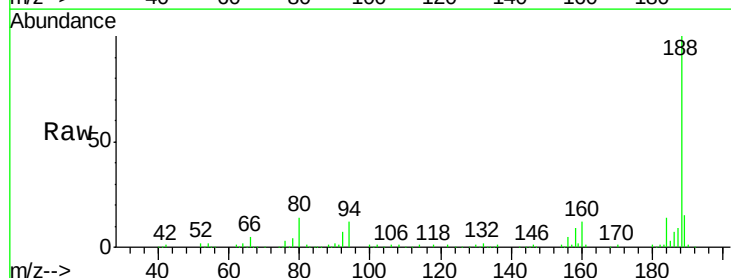


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

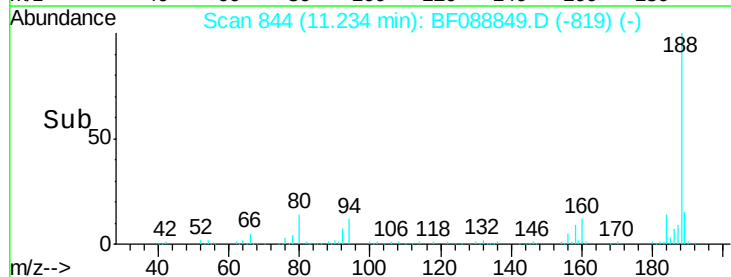
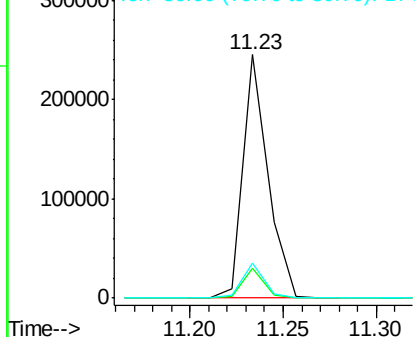


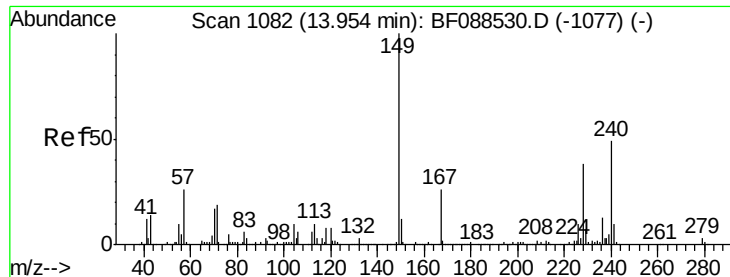
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088849.D
 Acq: 9 Jul 2016 3:12

Tgt Ion:188 Resp: 228161
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.0 13.6
 80 14.3 10.0 15.0



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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01

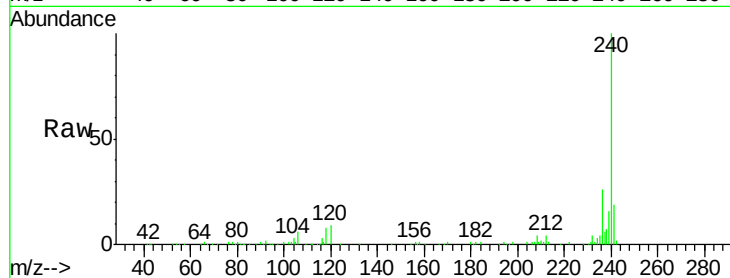
Tot Ion:240 Resp: 163307

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

236 25.9 20.2 30.2



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

13.86

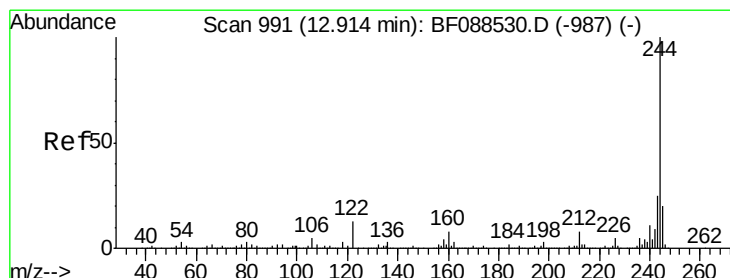
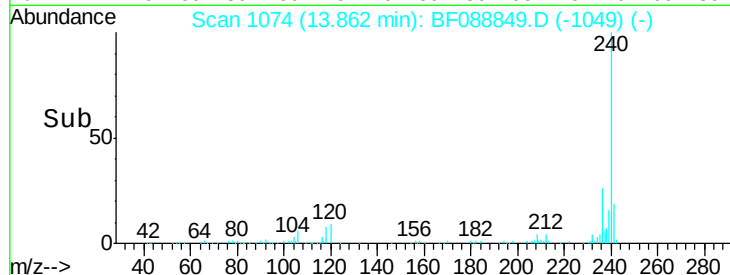
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 0.59 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088849.D

Acq: 9 Jul 2016 3:12

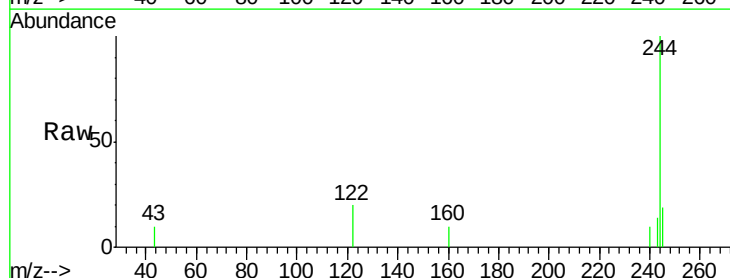
Tgt Ion:244 Resp: 4292

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

122 20.0 11.2 16.8#



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

12.81

4000

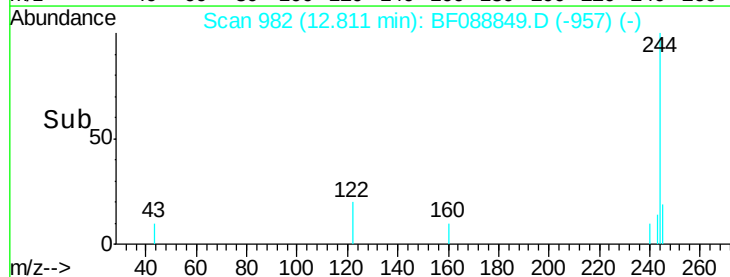
3000

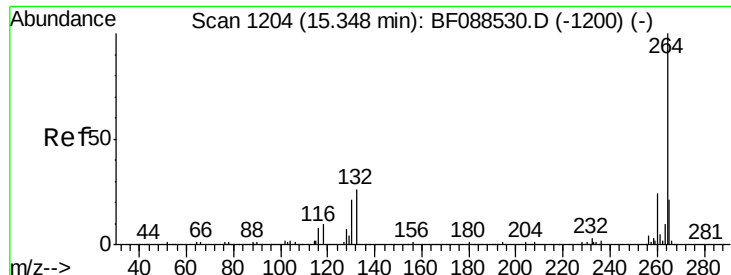
2000

1000

0

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088849.D
Acq: 9 Jul 2016 3:12

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01

Tot Ion:264 Resp: 130642

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	16.9	25.3

