

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086709.D
 Acq On : 5 May 2016 15:00
 Operator : UM/SJ
 Sample : PB90053TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90053TB

Quant Time: May 06 01:28:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170635	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	722713	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	346000	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	685089	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	561349	40.00	ng	-0.01
86) Perylene-d12	15.25	264	452346	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1181392	114.62	ng	0.00
7) Phenol-d6	6.37	99	1673426	120.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	996313	70.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	400992	118.47	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1820762	86.26	ng	-0.01
78) Terphenyl-d14	12.83	244	1603521	57.73	ng	-0.01

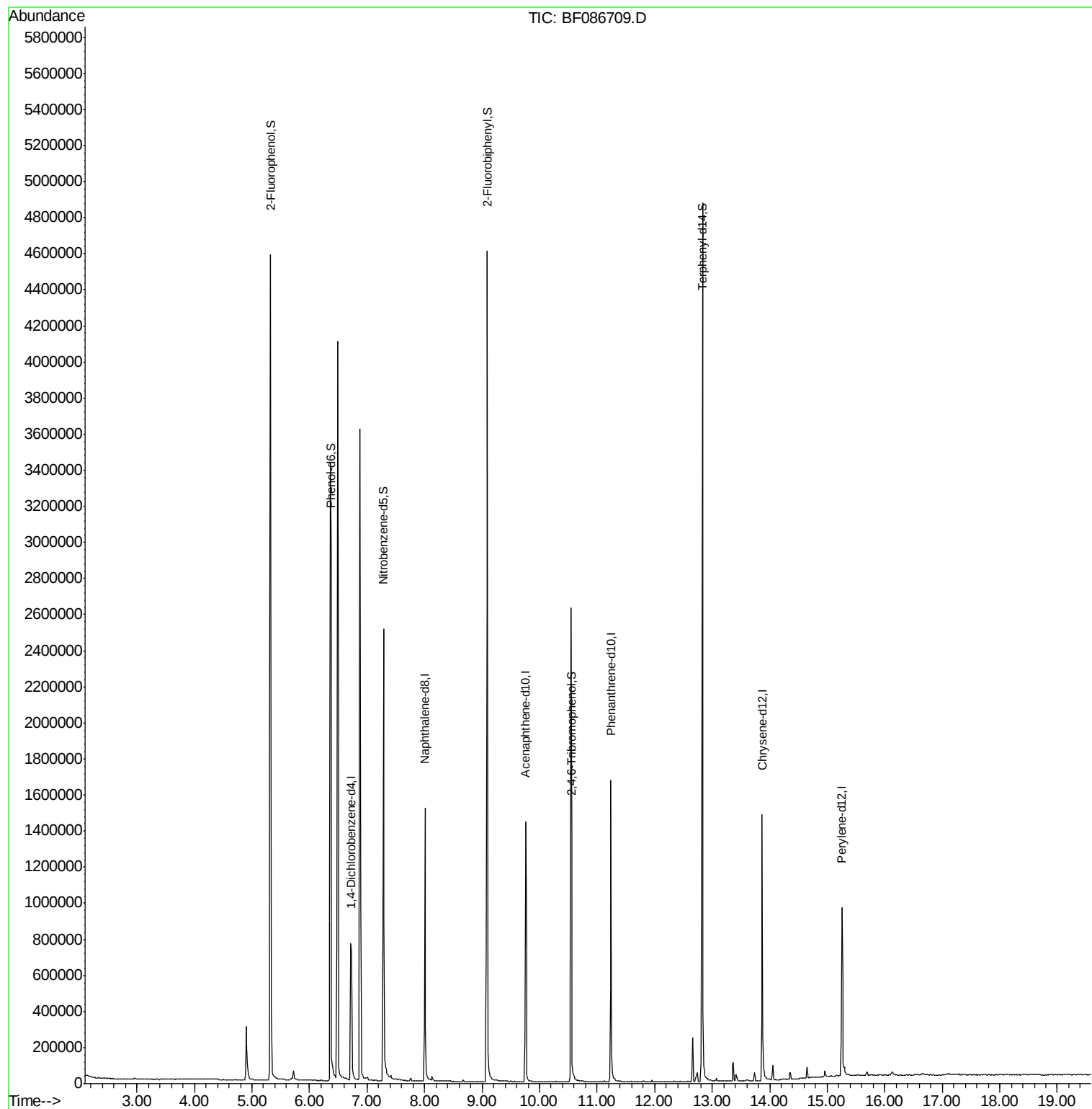
Target Compounds	Qvalue
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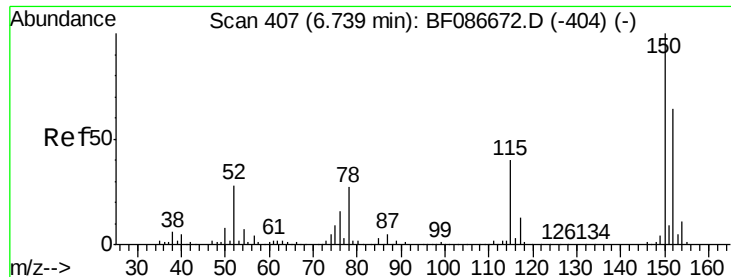
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB90053TB

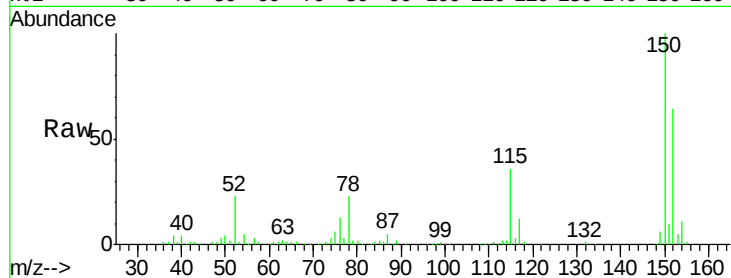
Tgt Ion:152 Resp: 170635

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

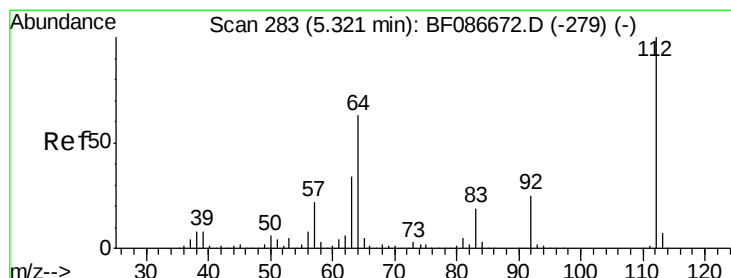
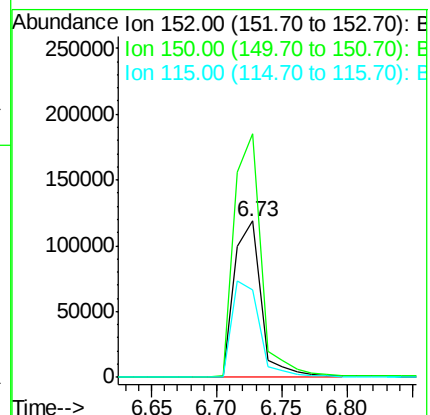
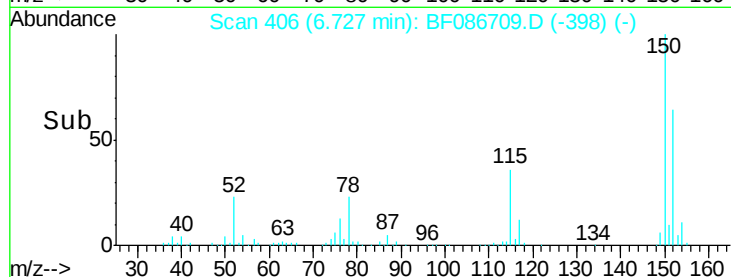
115 55.8 51.5 77.3



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: 114.62 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

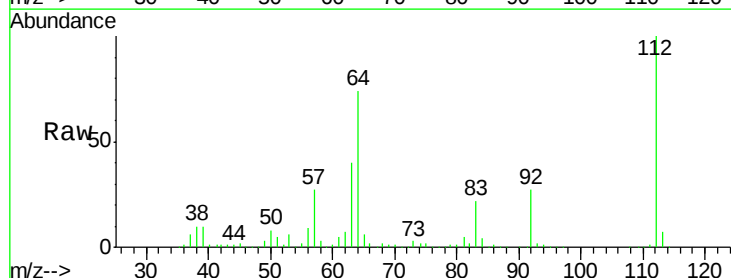
Tgt Ion:112 Resp: 1181392

Ion Ratio Lower Upper

112 100

64 73.6 52.1 78.1

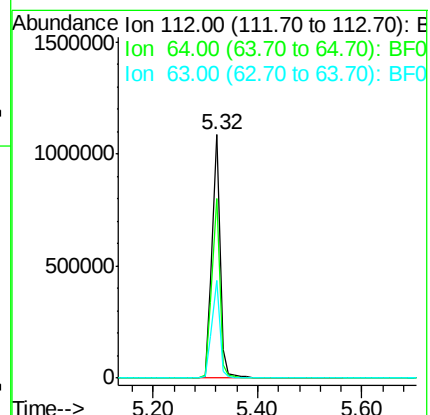
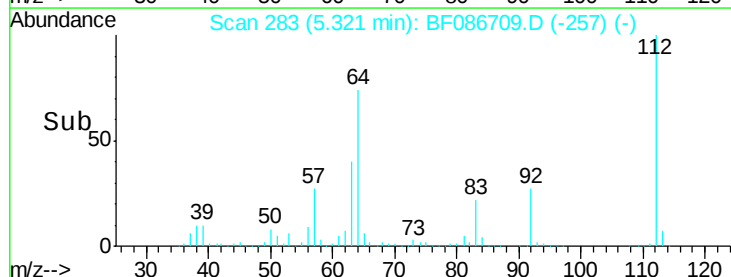
63 40.0 25.7 38.5#

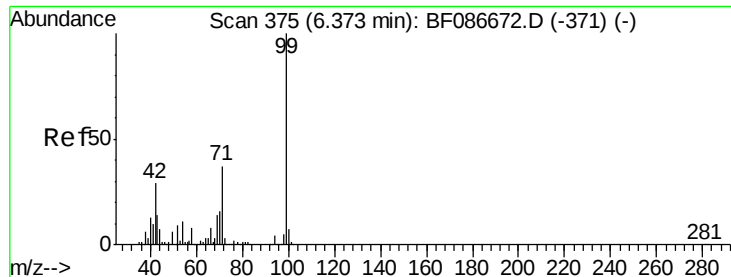


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.53 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB90053TB

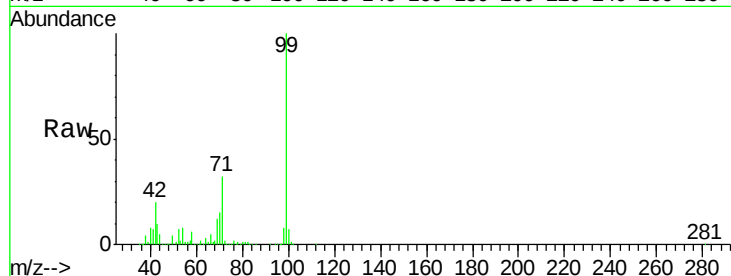
Tgt Ion: 99 Resp: 1673426

Ion Ratio Lower Upper

99 100

42 19.9 13.6 20.4

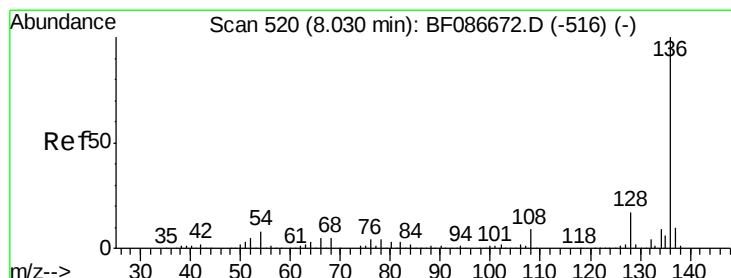
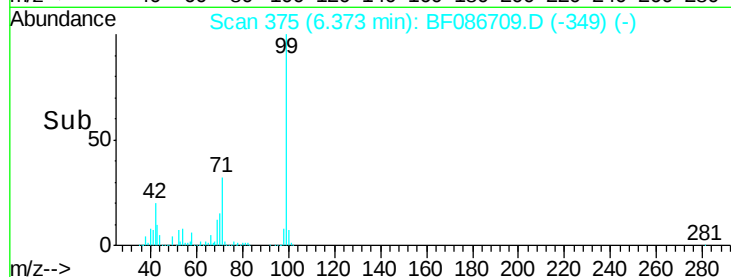
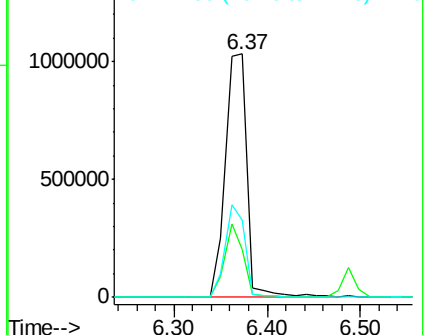
71 31.6 24.6 36.8



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: 40.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

Tgt Ion: 136 Resp: 722713

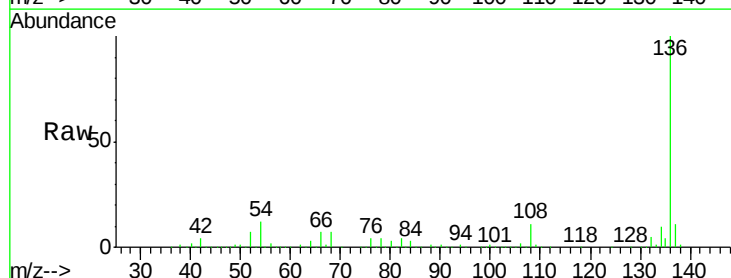
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.4 5.0 7.4#

68 7.1 4.4 6.6#

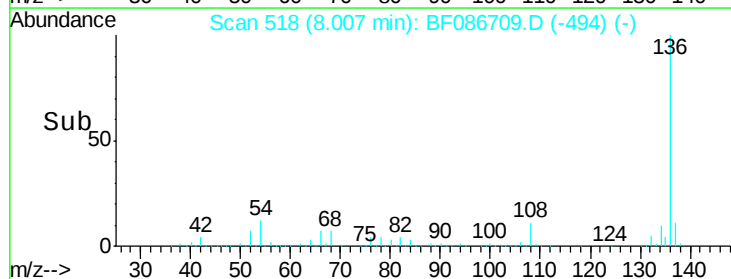
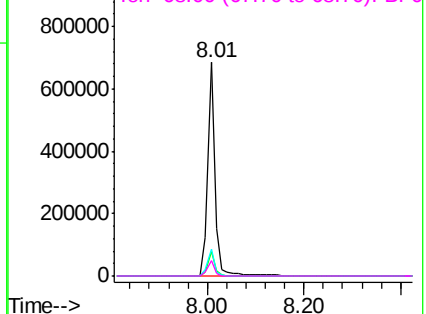


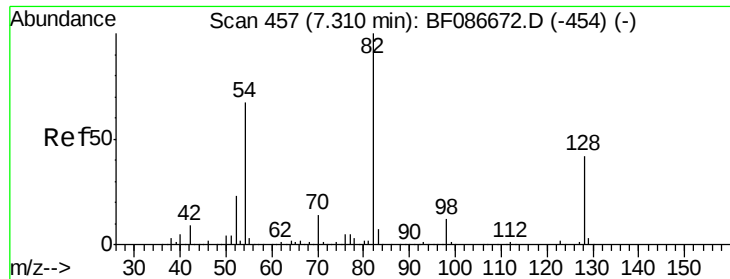
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.84 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

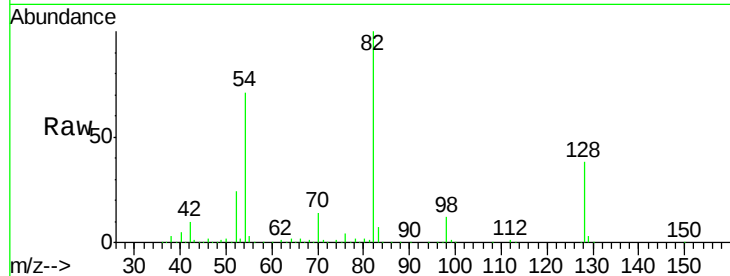
Instrument :

BNA_F

ClientSampleId :

PB90053TB

Tgt Ion:	82	Resp:	996313
Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	70.5	38.1	57.1#

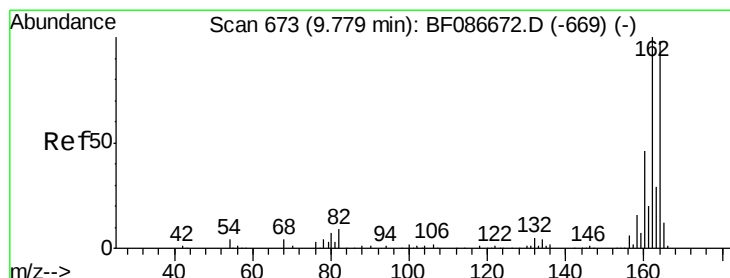
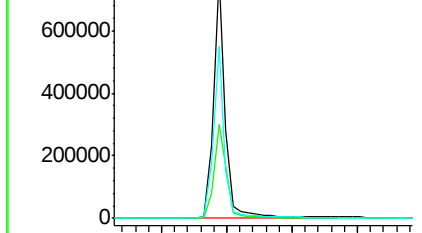
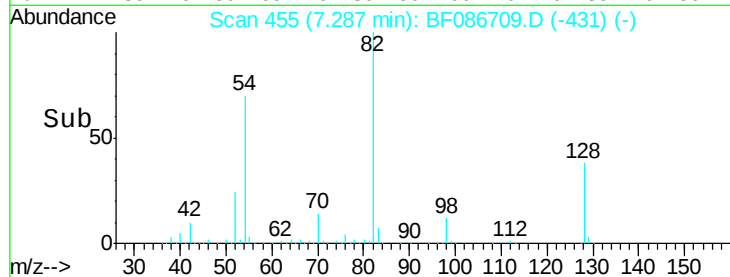


Abundance Ion 82.00 (81.70 to 82.70): BF086672.D (-454) (-)

Ion 128.00 (127.70 to 128.70): BF086672.D (-454) (-)

Ion 54.00 (53.70 to 54.70): BF086672.D (-454) (-)

Time-->



#38

Acenaphthene-d10

Concen: 40.00 ng

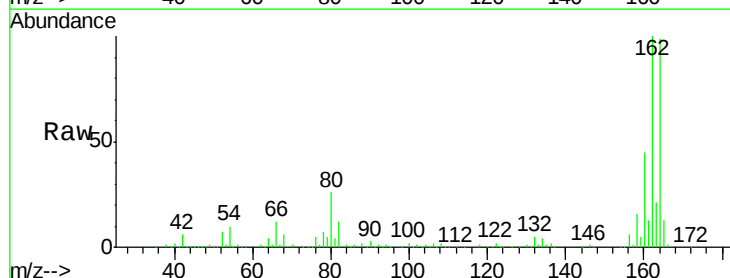
RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

Tgt Ion:	164	Resp:	346000
Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	45.3	36.9	55.3

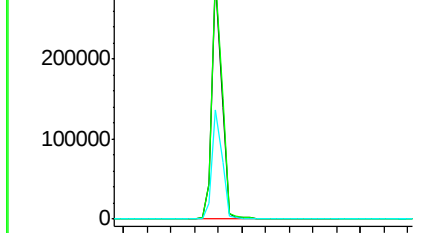
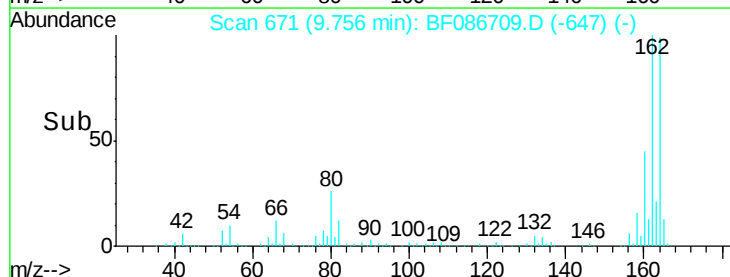


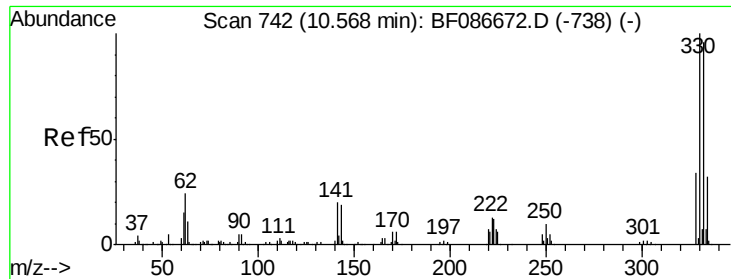
Abundance Ion 164.00 (163.70 to 164.70): BF086672.D (-669) (-)

Ion 162.00 (161.70 to 162.70): BF086672.D (-669) (-)

Ion 160.00 (159.70 to 160.70): BF086672.D (-669) (-)

Time-->

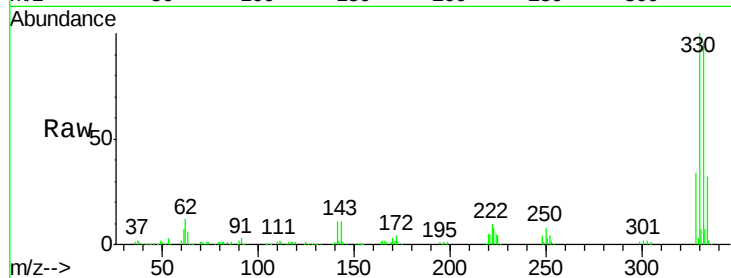




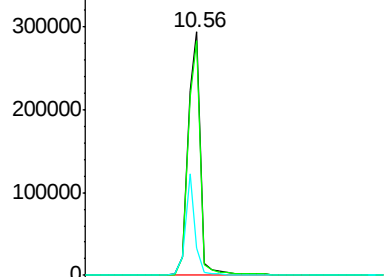
#41
 2,4,6-Tribromophenol
 Concen: 118.47 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086709.D
 Acq: 5 May 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90053TB

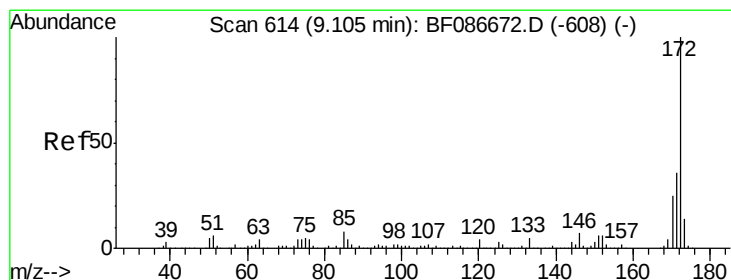
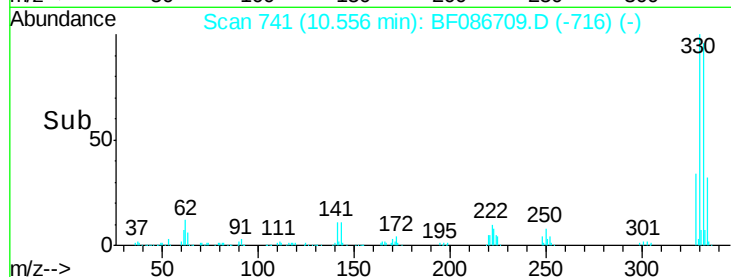
Tgt Ion:330 Resp: 400992
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 33.2 31.2 46.8



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

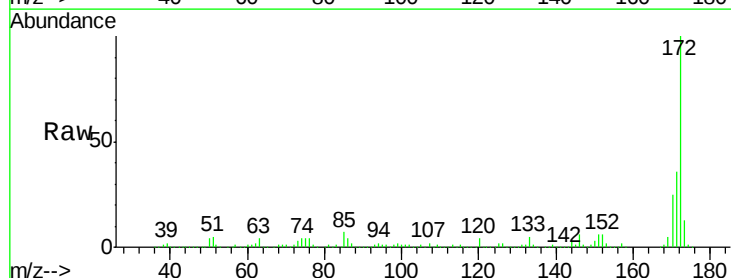


Time--> 10.40 10.60 10.80

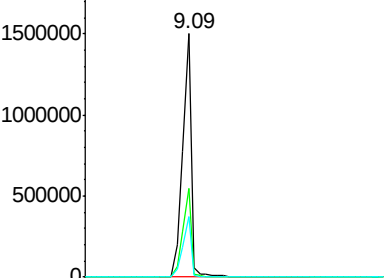


#44
 2-Fluorobiphenyl
 Concen: 86.26 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086709.D
 Acq: 5 May 2016 15:00

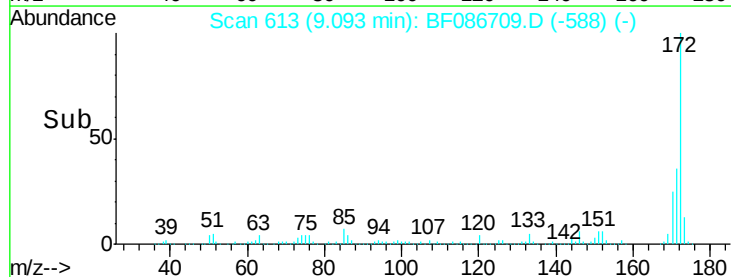
Tgt Ion:172 Resp: 1820762
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 25.0 19.8 29.8

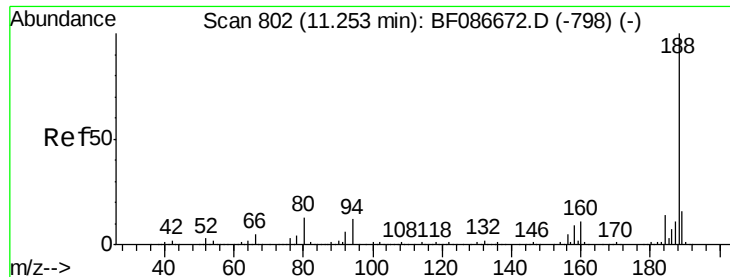


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 9.00 9.20 9.40

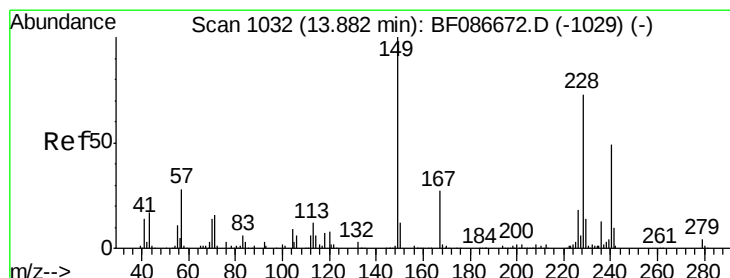
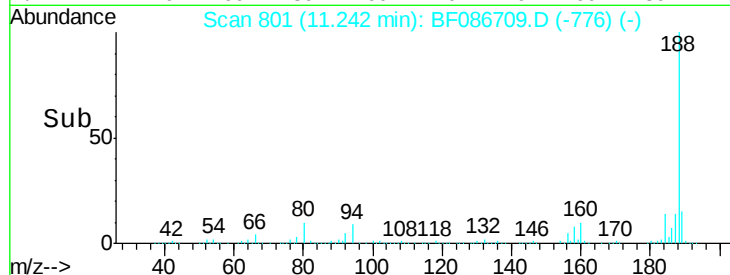
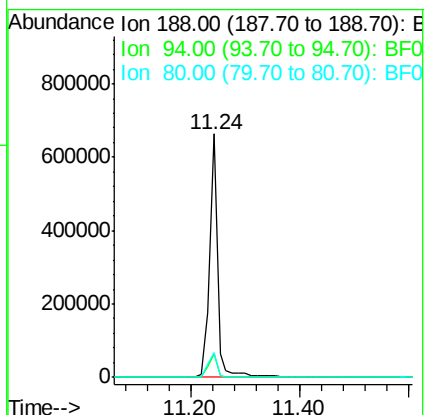
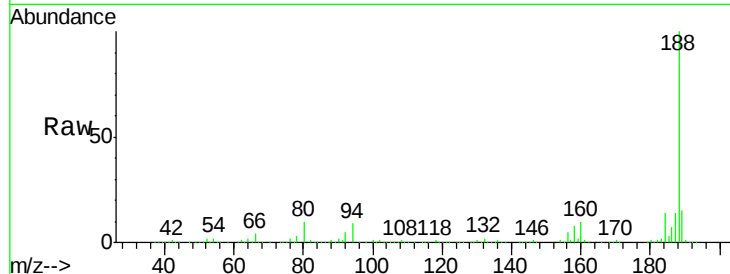




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

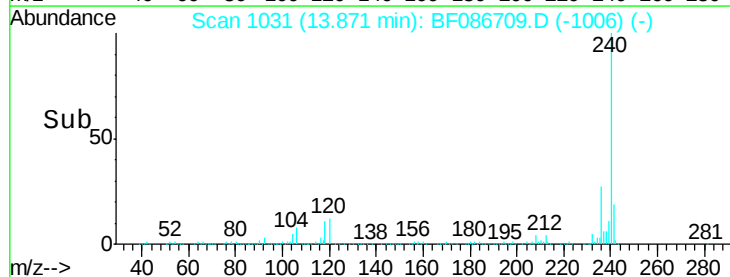
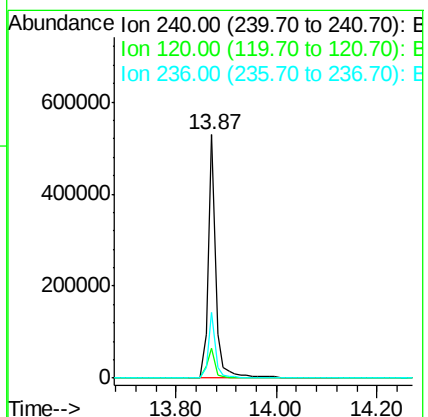
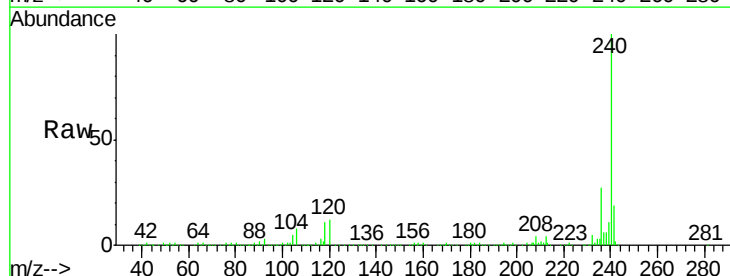
Instrument :
BNA_F
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PB90053TB

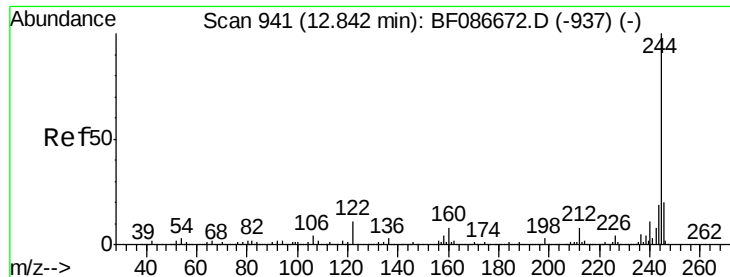
Tgt Ion:188 Resp: 685089
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 10.1 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086709.D
Acq: 5 May 2016 15:00

Tgt Ion:240 Resp: 561349
Ion Ratio Lower Upper
240 100
120 12.5 11.2 16.8
236 27.0 21.2 31.8





#78

Terphenyl-d14

Concen: 57.73 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB90053TB

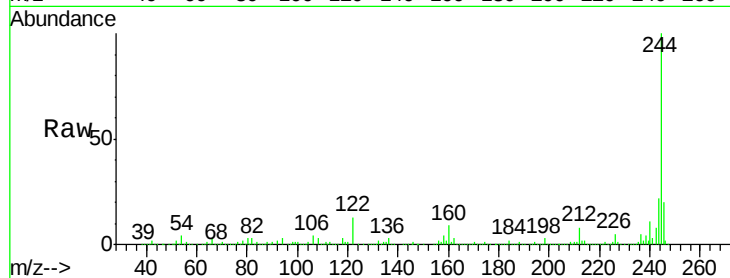
Tgt Ion:244 Resp: 1603521

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

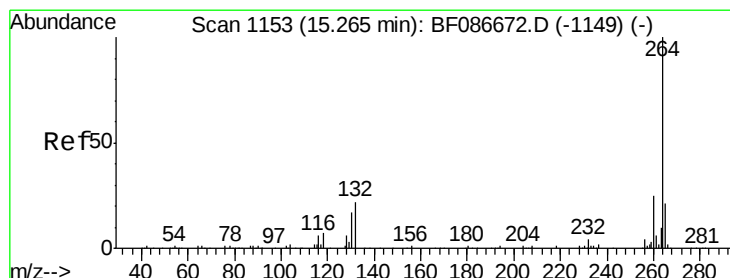
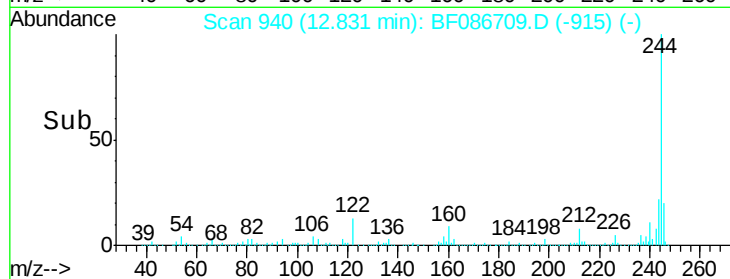
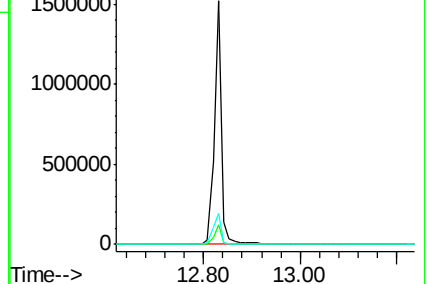
122 12.6 12.0 18.0



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

Perylene-d12

Concen: 40.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF086709.D

Acq: 5 May 2016 15:00

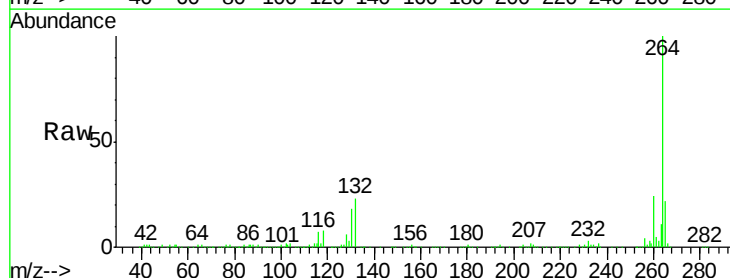
Tgt Ion:264 Resp: 452346

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 17.3 25.9



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

