

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092987.D
 Acq On : 16 Feb 2017 18:08
 Operator : SJ/MA
 Sample : PB96992TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96992TB

Quant Time: Feb 17 00:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 23:55:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134470	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	559930	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	313229	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	528194	20.00	ng	0.00
75) Chrysene-d12	14.01	240	475776	20.00	ng	-0.01
86) Perylene-d12	15.44	264	410639	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	921101	117.52	ng	0.01
7) Phenol-d6	6.50	99	1316320	130.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	828570	82.40	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	256749	113.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1431721	82.81	ng	0.00
78) Terphenyl-d14	12.97	244	1429020	70.57	ng	0.00

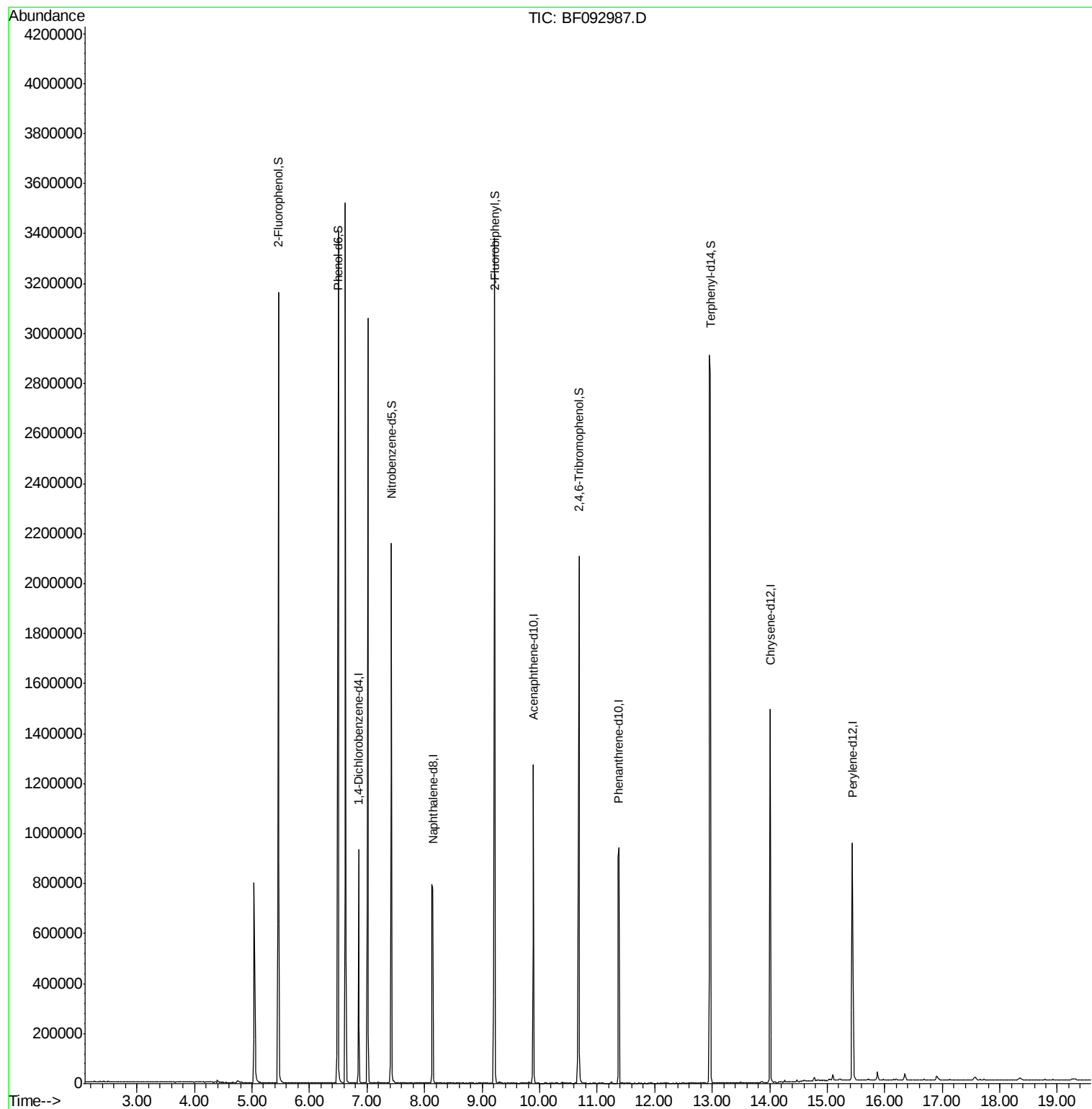
Target Compounds	Qvalue
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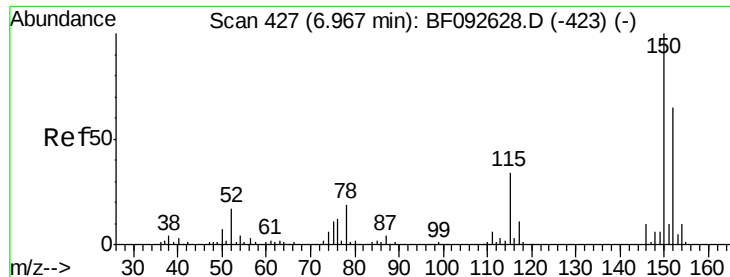
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF092987.D

Acq: 16 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB96992TB

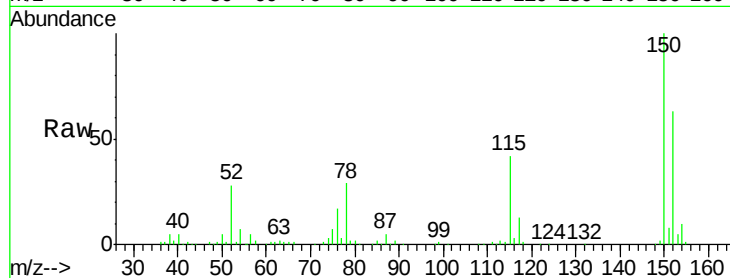
Tgt Ion:152 Resp: 134470

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

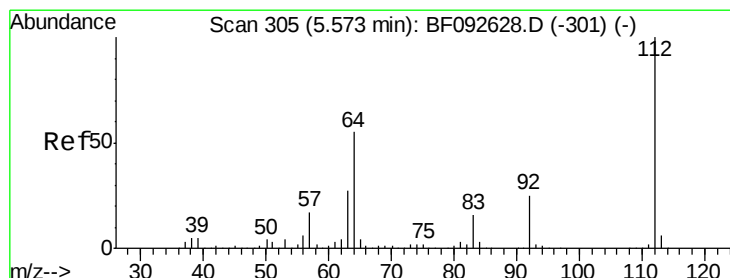
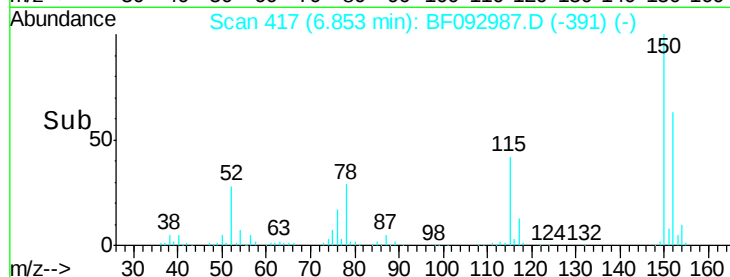
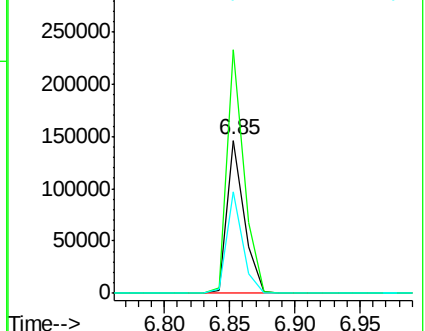
115 66.3 46.0 69.0



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: 117.52 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092987.D

Acq: 16 Feb 2017 18:08

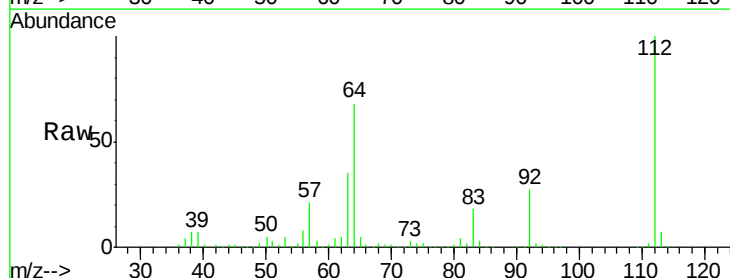
Tgt Ion:112 Resp: 921101

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

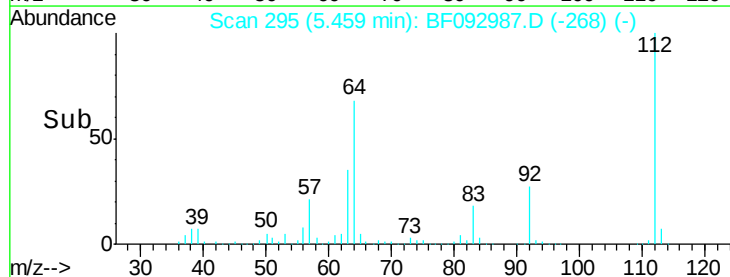
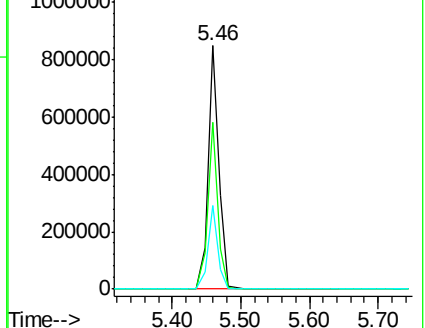
63 34.5 23.8 35.6

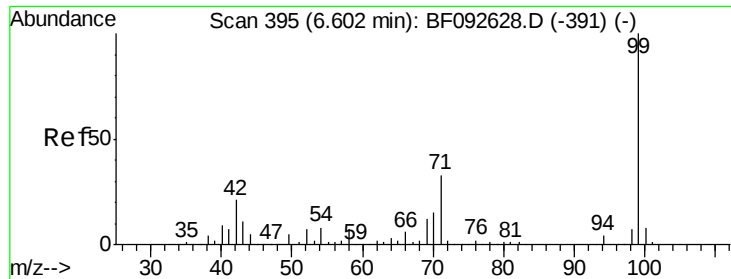


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.52 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092987.D

Acq: 16 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB96992TB

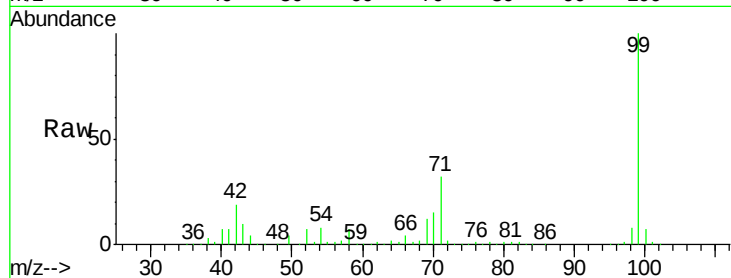
Tgt Ion: 99 Resp: 1316320

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

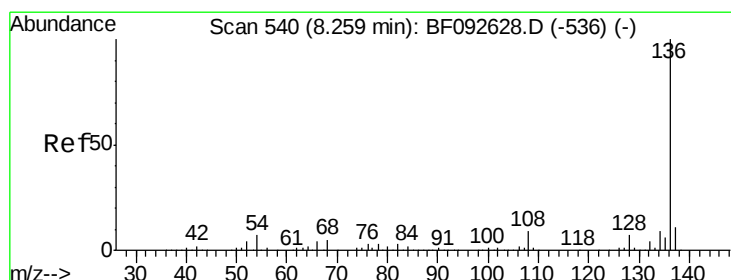
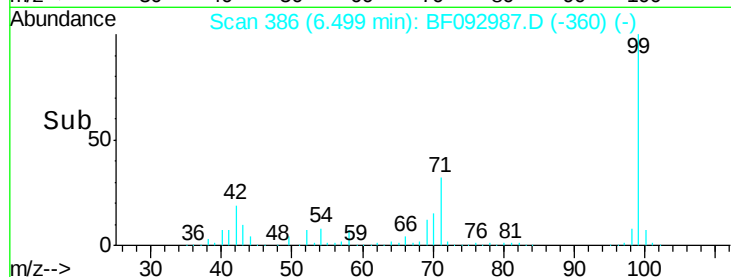
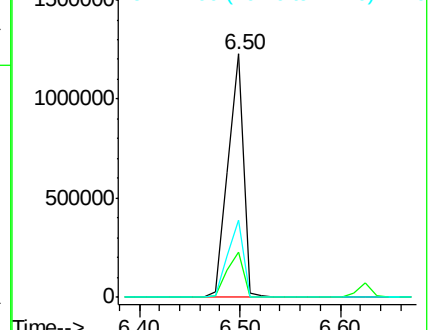
71 31.9 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092987.D

Acq: 16 Feb 2017 18:08

Tgt Ion: 136 Resp: 559930

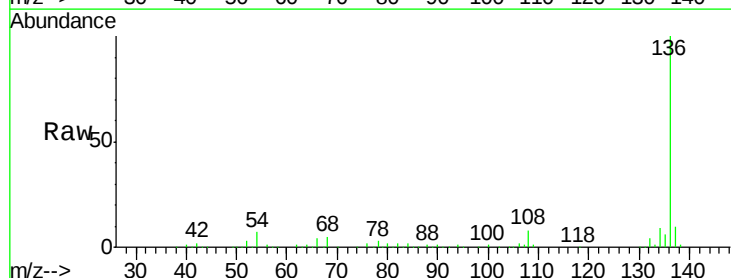
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 6.7 4.5 6.7

68 4.7 3.6 5.4

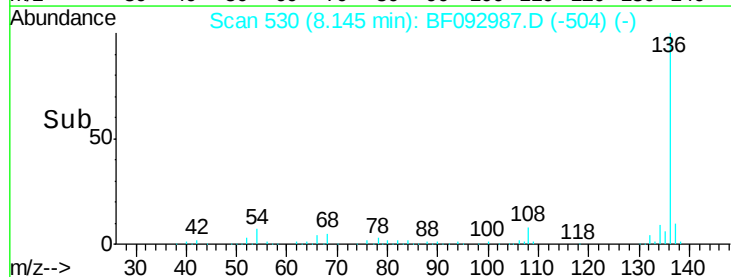
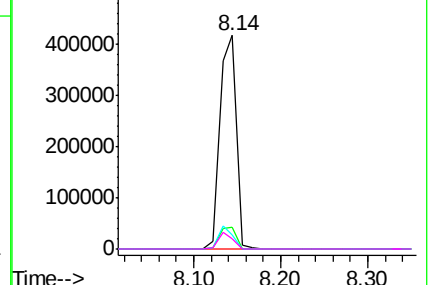


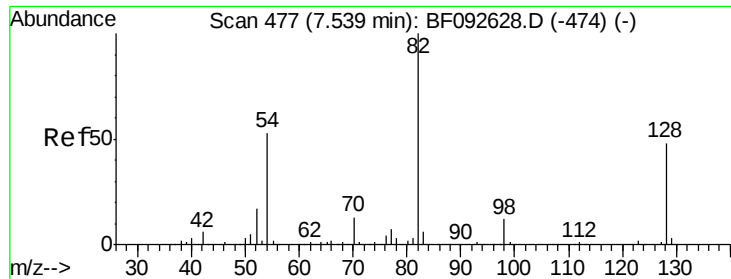
Abundance Ion 136.00 (135.70 to 136.70): E

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

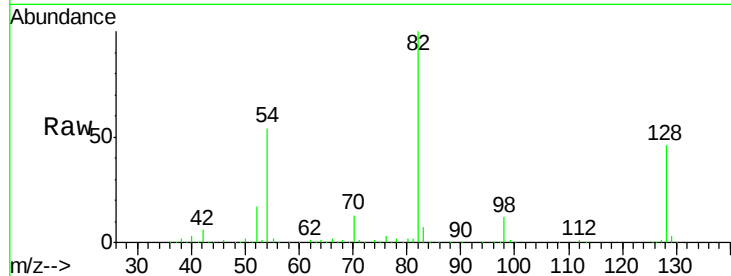




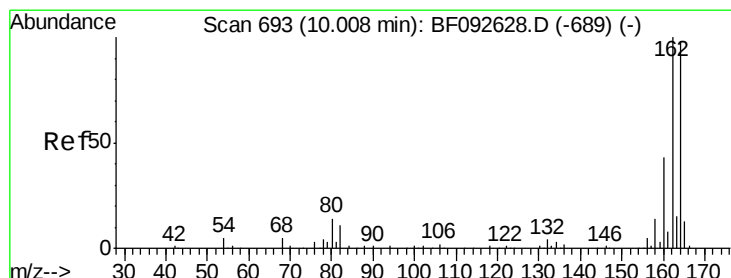
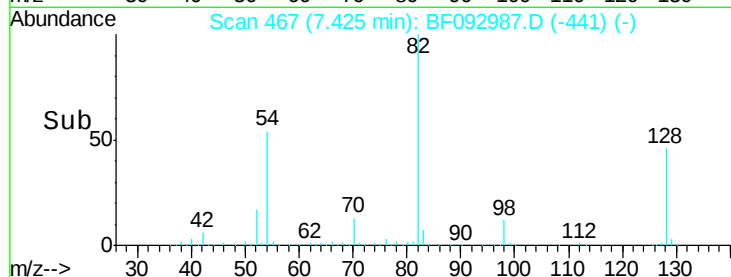
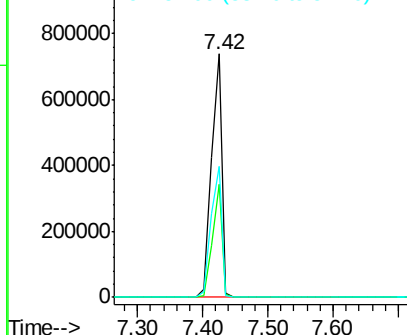
#23
Nitrobenzene-d5
Concen: 82.40 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF092987.D
Acq: 16 Feb 2017 18:08

Instrument :
BNA_F
ClientSampled :
PB96992TB

Tgt Ion: 82 Resp: 828570
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 53.7 39.5 59.3

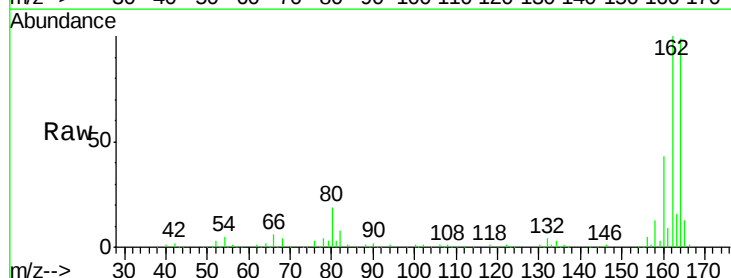


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

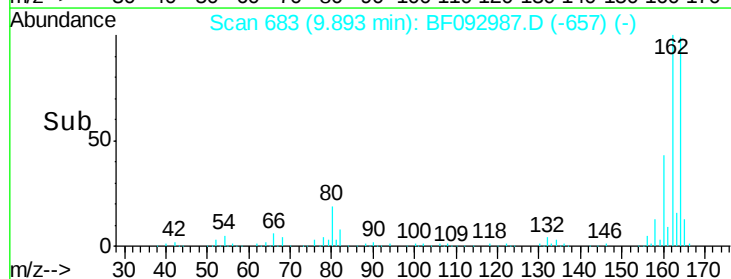
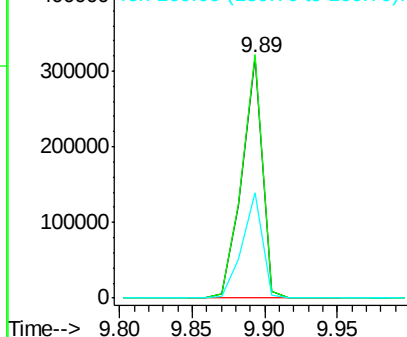


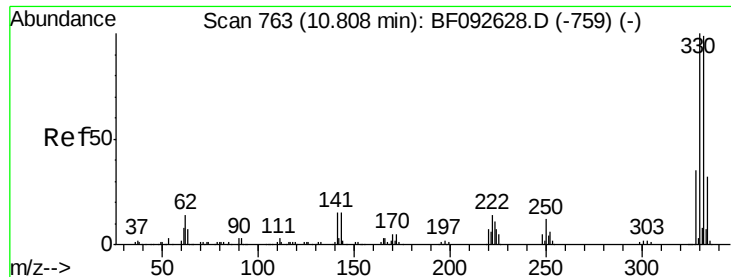
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092987.D
Acq: 16 Feb 2017 18:08

Tgt Ion: 164 Resp: 313229
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 43.9 36.9 55.3



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

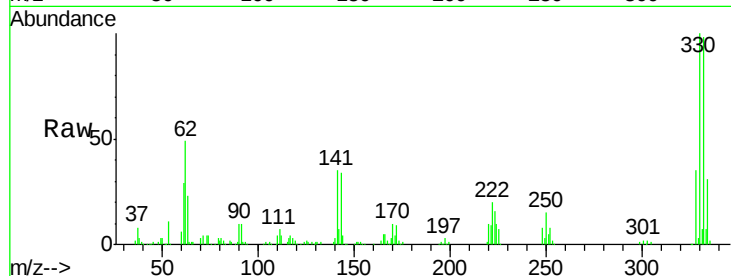




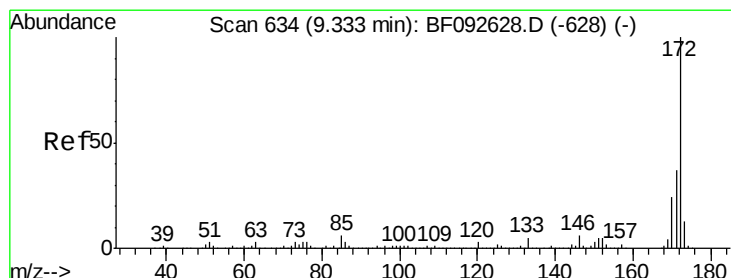
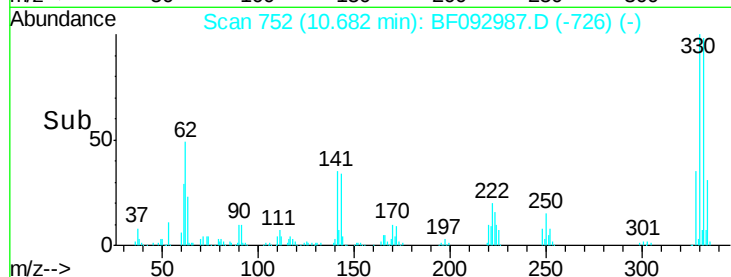
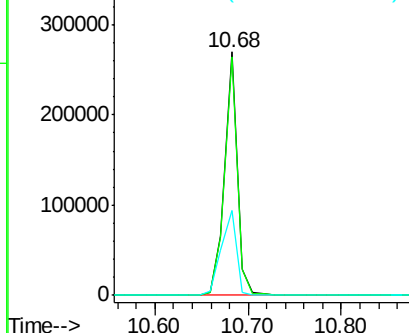
#41
 2,4,6-Tribromophenol
 Concen: 113.33 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092987.D
 Acq: 16 Feb 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96992TB

Tgt Ion:330 Resp: 256749
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 41.1 34.1 51.1

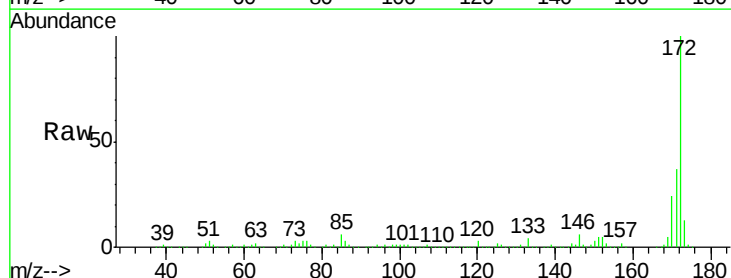


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

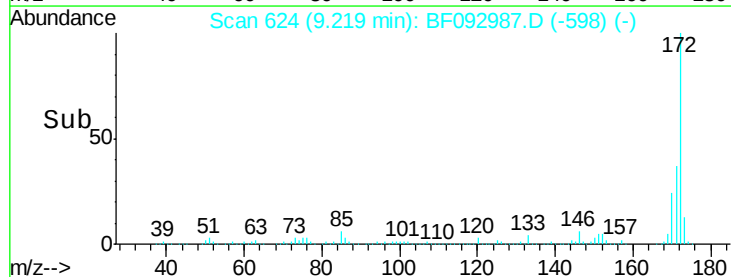
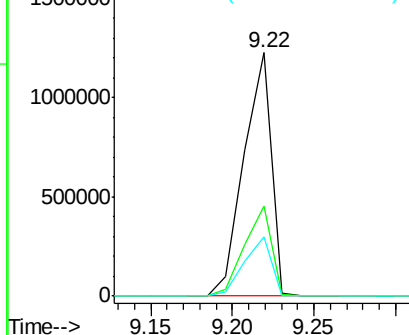


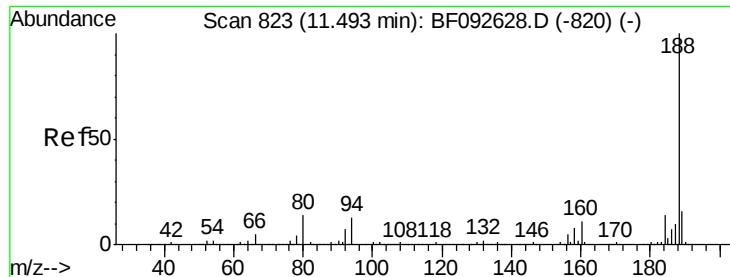
#44
 2-Fluorobiphenyl
 Concen: 82.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092987.D
 Acq: 16 Feb 2017 18:08

Tgt Ion:172 Resp: 1431721
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.1 20.2 30.4



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

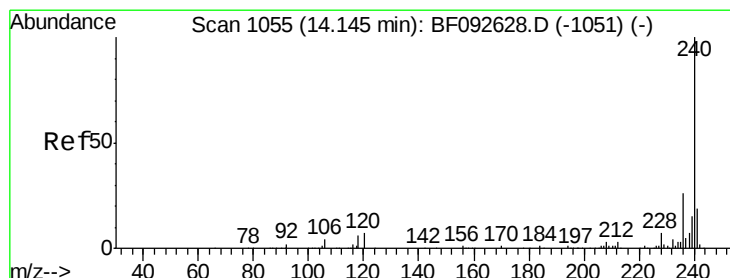
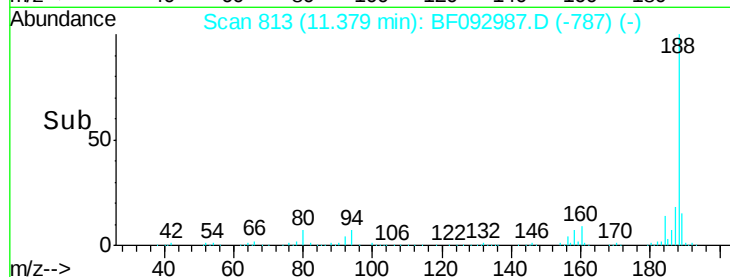
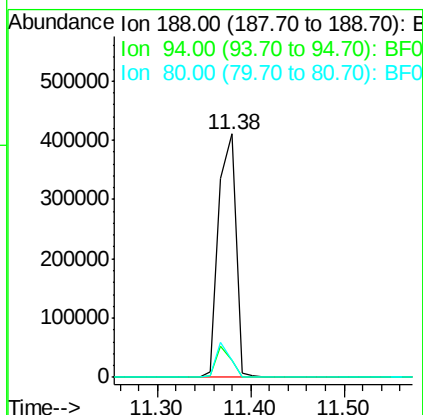
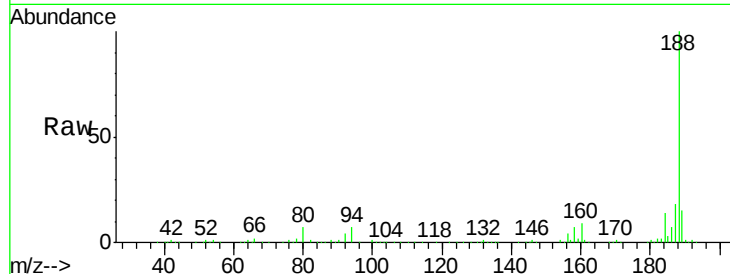




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092987.D
Acq: 16 Feb 2017 18:08

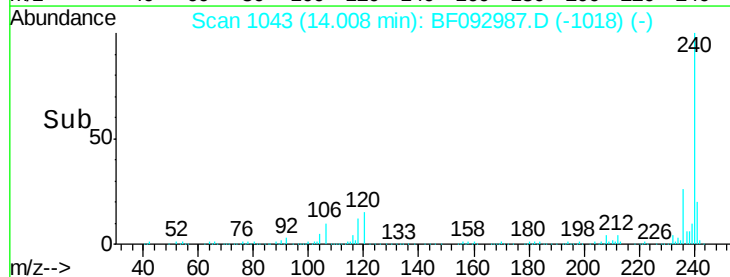
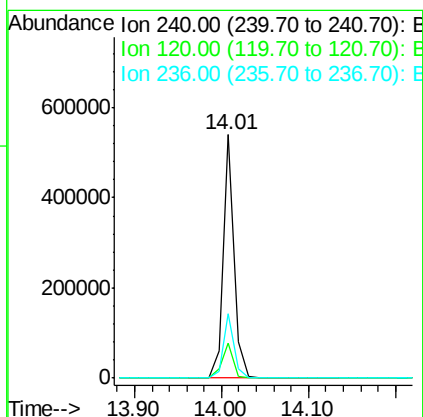
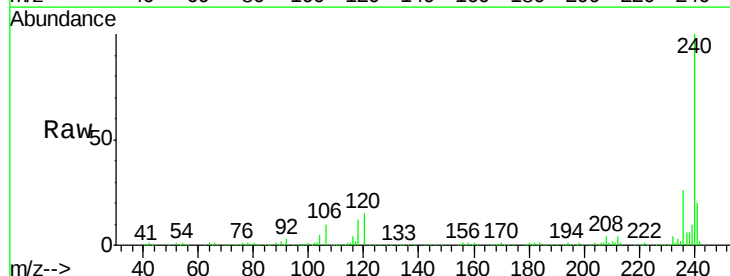
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PB96992TB

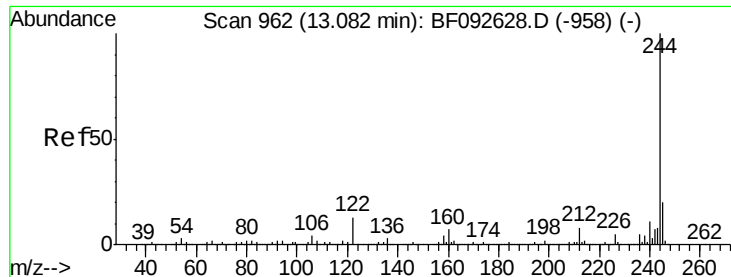
Tgt Ion:188 Resp: 528194
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092987.D
Acq: 16 Feb 2017 18:08

Tgt Ion:240 Resp: 475776
Ion Ratio Lower Upper
240 100
120 14.6 12.9 19.3
236 26.4 20.9 31.3

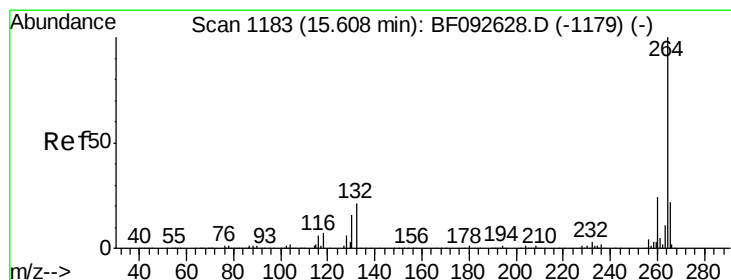
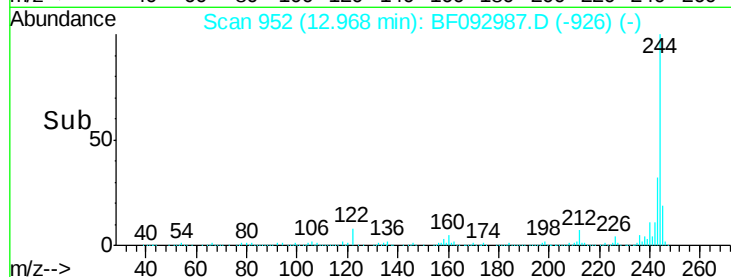
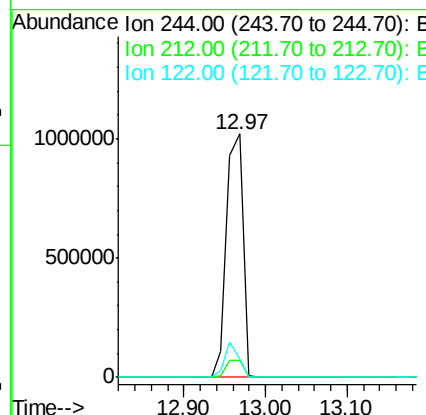
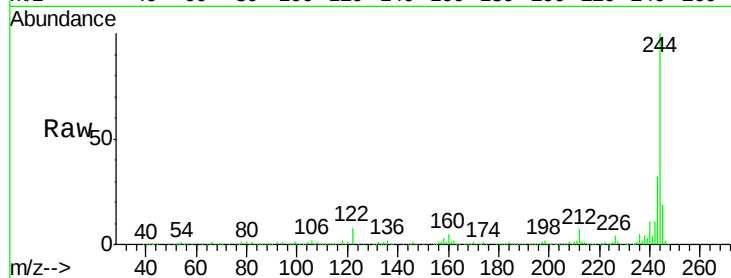




#78
 Terphenyl-d14
 Concen: 70.57 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092987.D
 Acq: 16 Feb 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96992TB

Tgt Ion:244 Resp: 1429020
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF092987.D
 Acq: 16 Feb 2017 18:08

Tgt Ion:264 Resp: 410639
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.3 17.4 26.0

