

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092957.D
 Acq On : 15 Feb 2017 18:08
 Operator : SJ/MA
 Sample : I1835-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-3-COMP

Quant Time: Feb 16 01:03:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

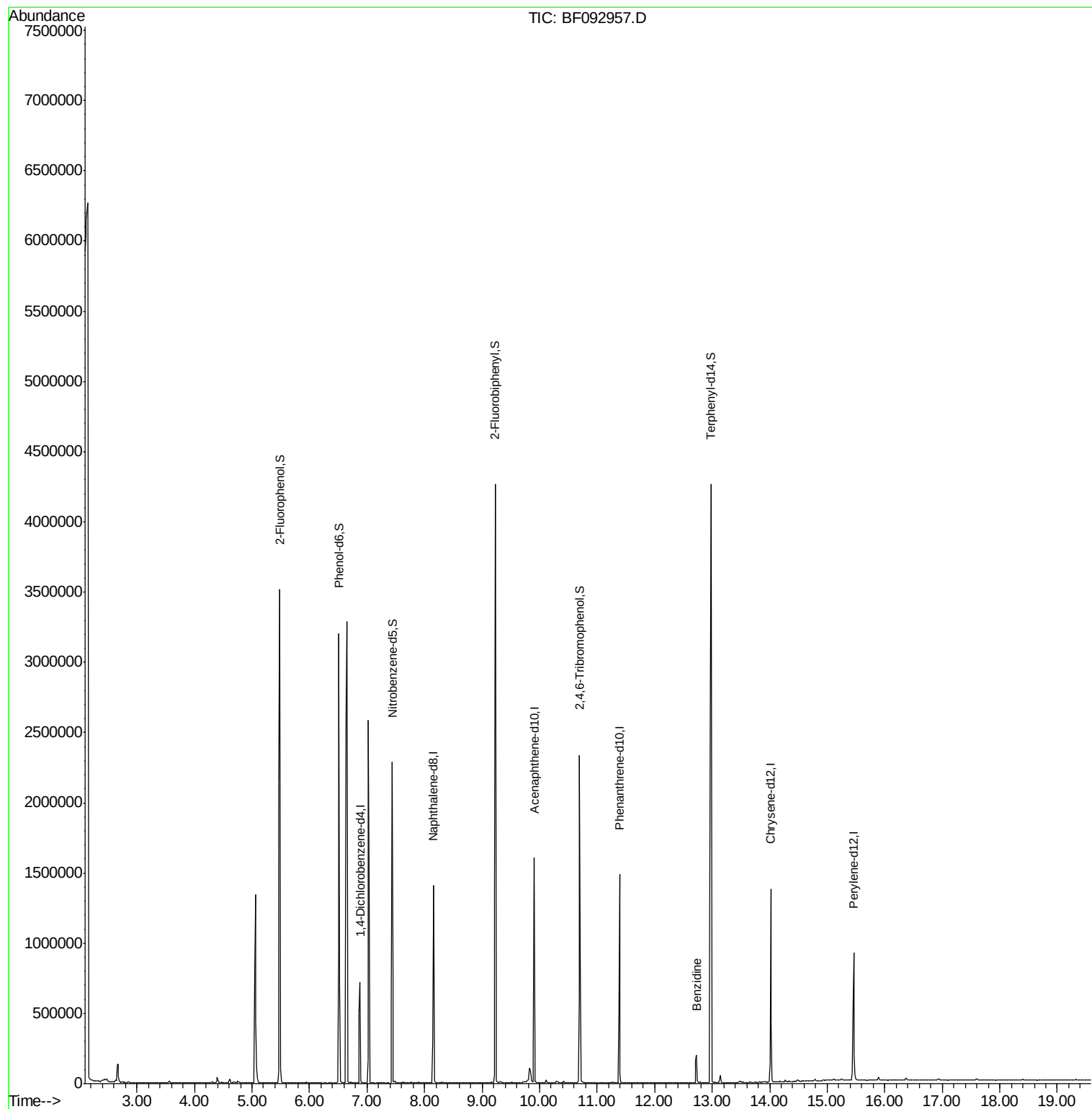
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	143866	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	599613	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	328071	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	569153	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	475074	20.00	ng	-0.03
86) Perylene-d12	15.46	264	416405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1132788	135.09	ng	0.00
7) Phenol-d6	6.51	99	1197530	110.99	ng	-0.02
23) Nitrobenzene-d5	7.44	82	840845	78.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	337320	142.16	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1468416	81.09	ng	-0.01
78) Terphenyl-d14	12.98	244	1577957	78.04	ng	-0.01
Target Compounds						
76) Benzidine	12.73	184	110169	5.44	ng	Qvalue # 94

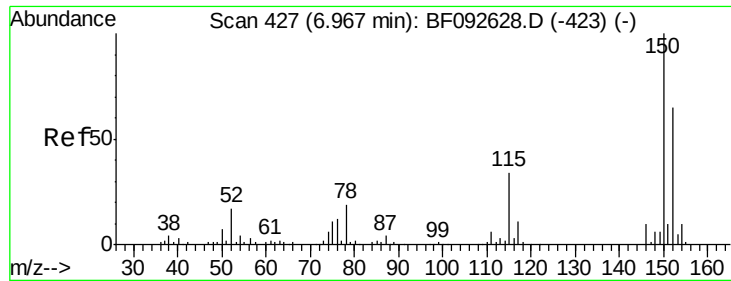
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-3-COMP

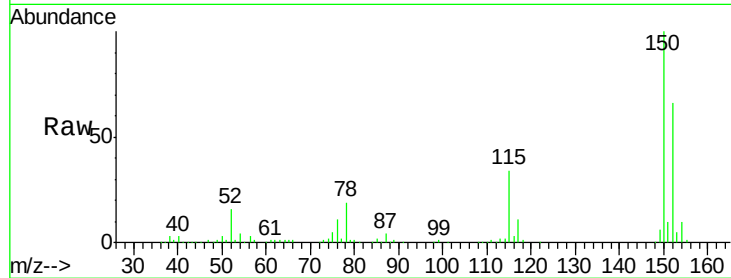
Tgt Ion:152 Resp: 143866

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

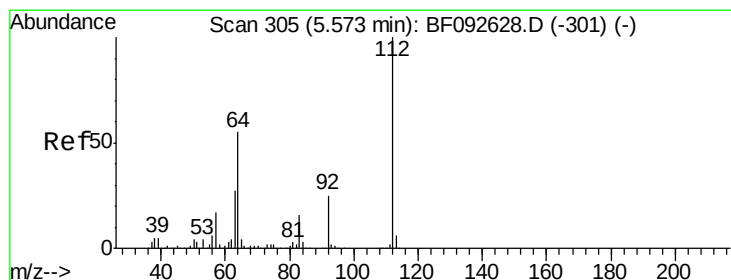
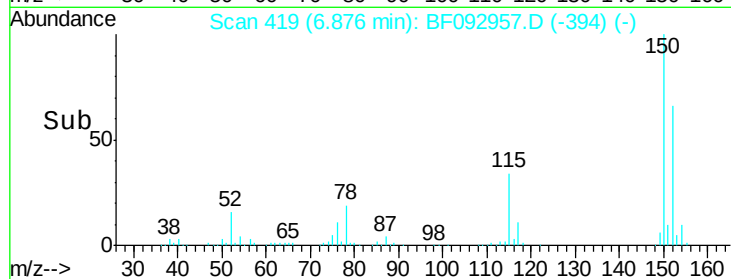
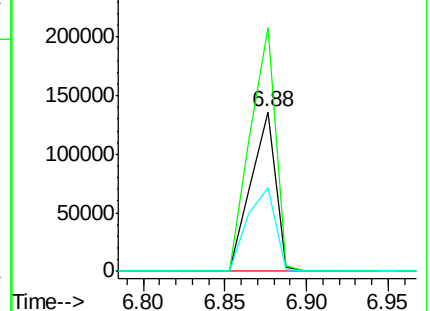
115 52.4 46.0 69.0



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: 135.09 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

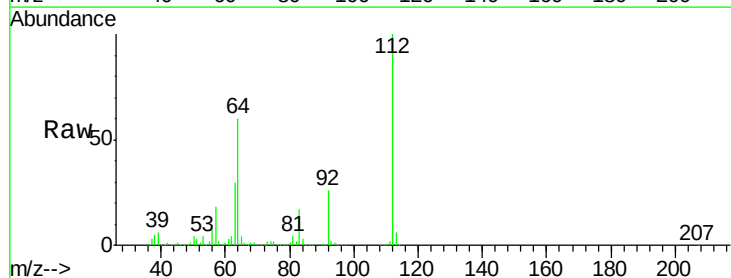
Tgt Ion:112 Resp: 1132788

Ion Ratio Lower Upper

112 100

64 59.7 46.1 69.1

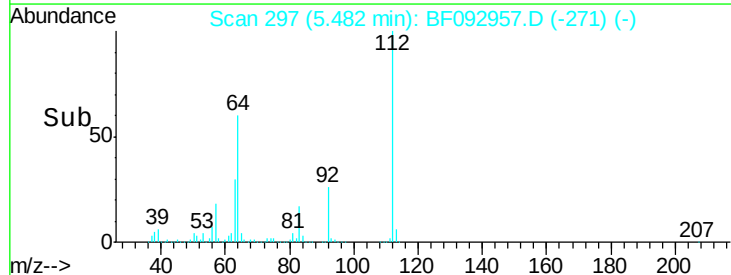
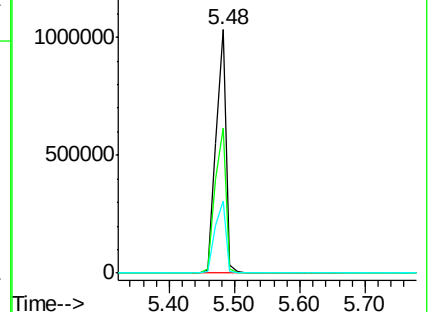
63 29.8 23.8 35.6

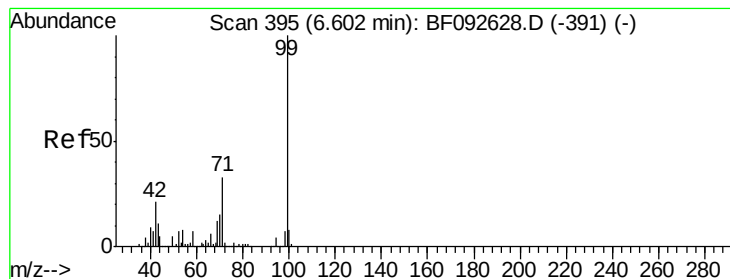


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.99 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-3-COMP

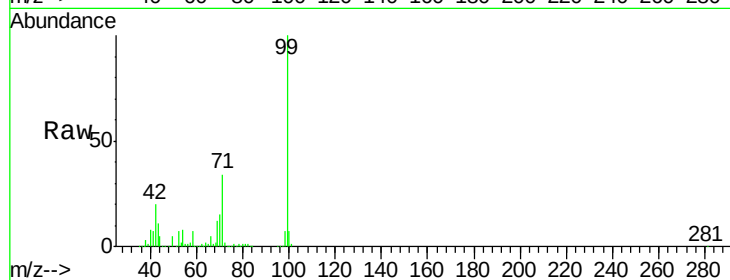
Tgt Ion: 99 Resp: 1197530

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

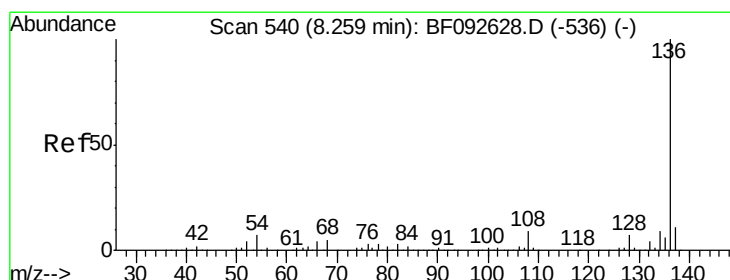
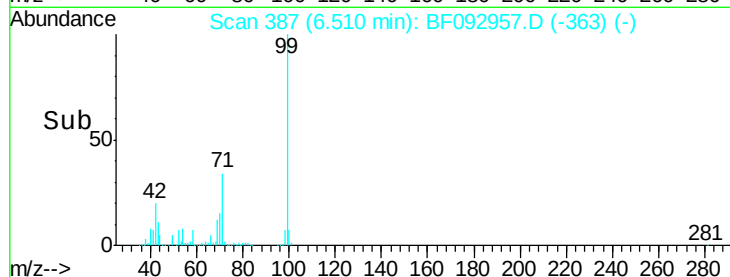
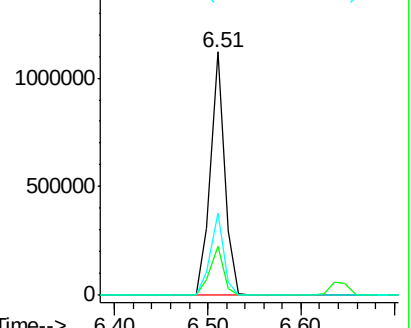
71 33.6 27.5 41.3



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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Tgt Ion: 136 Resp: 599613

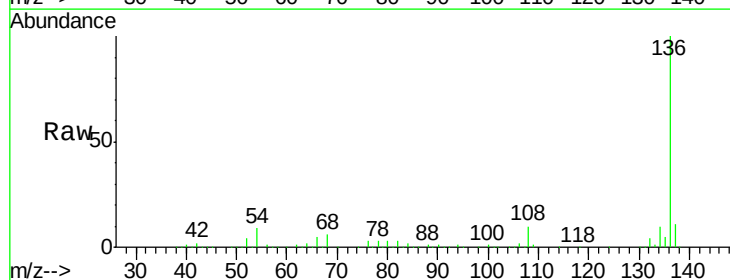
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.8 4.5 6.7#

68 6.4 3.6 5.4#

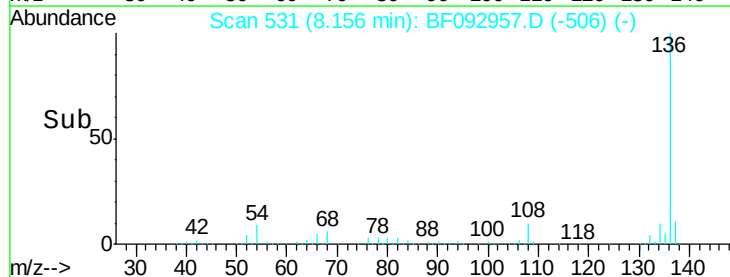
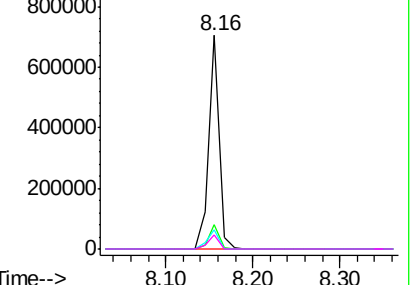


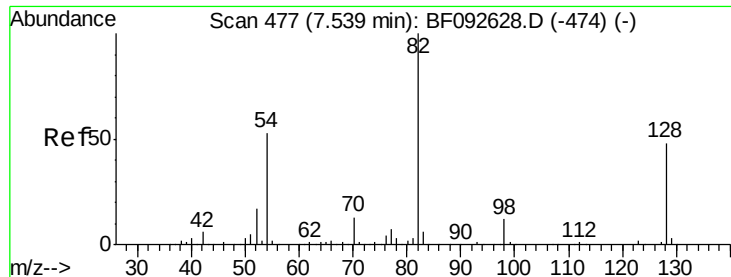
Abundance Ion 136.00 (135.70 to 136.70): E

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

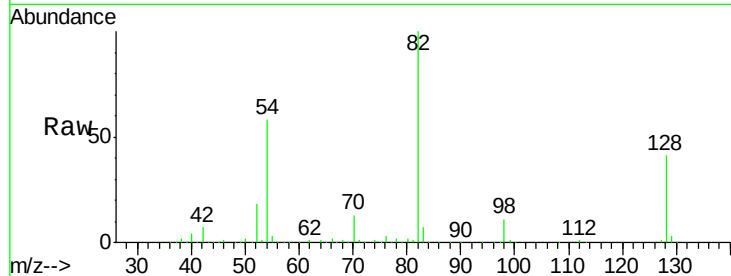




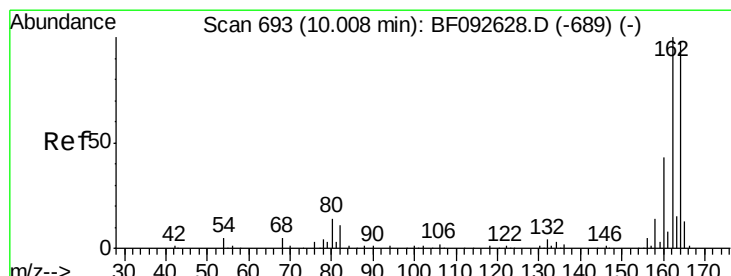
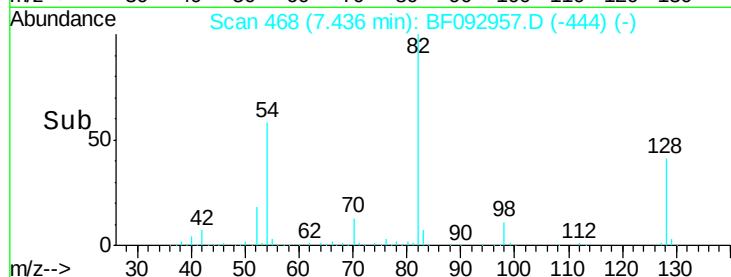
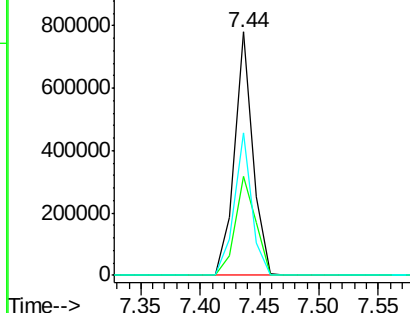
#23
 Nitrobenzene-d5
 Concen: 78.09 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-3-COMP

Tgt Ion: 82 Resp: 840845
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 58.3 39.5 59.3

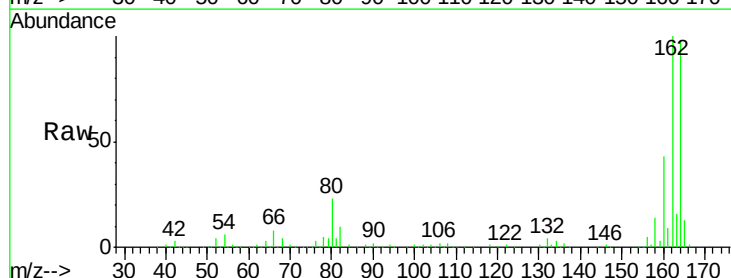


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

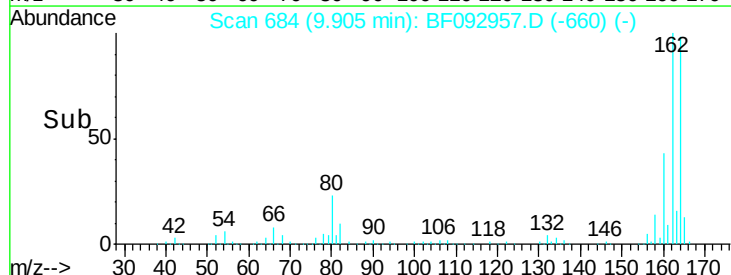
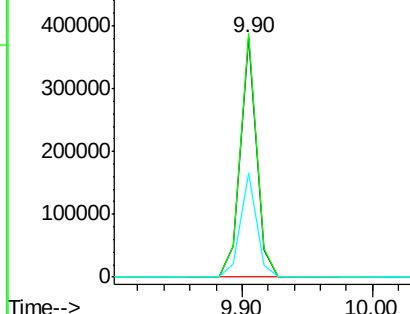


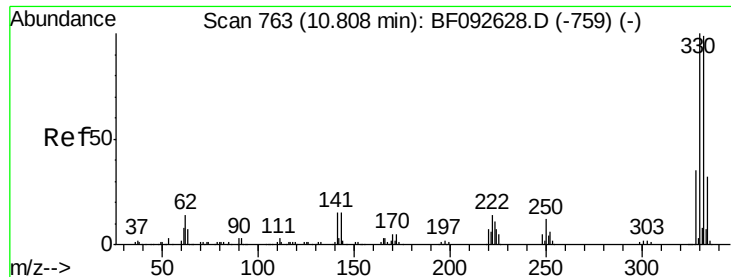
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

Tgt Ion: 164 Resp: 328071
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 43.4 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

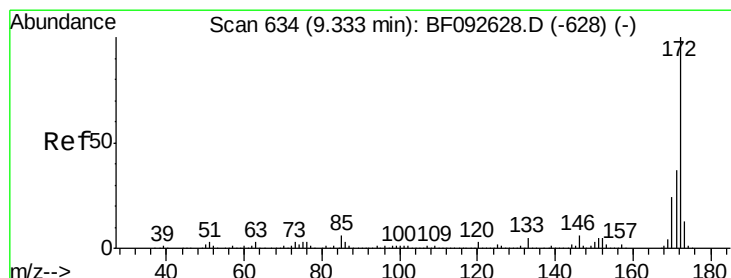
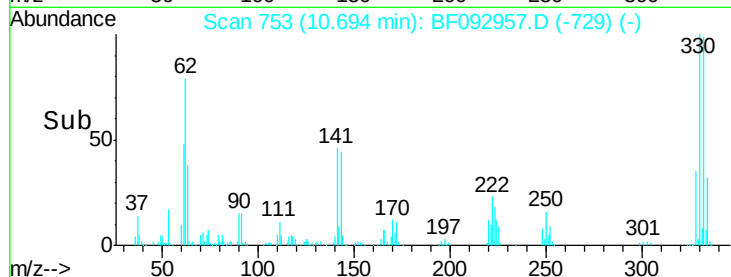
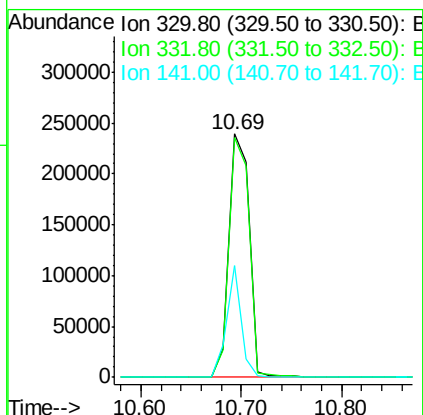
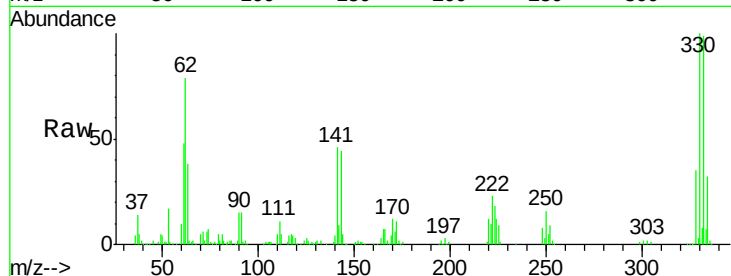




#41
 2,4,6-Tribromophenol
 Concen: 142.16 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

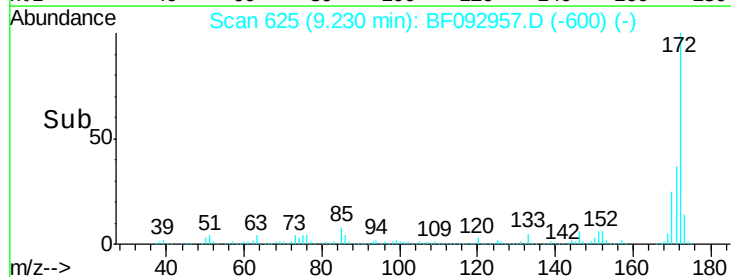
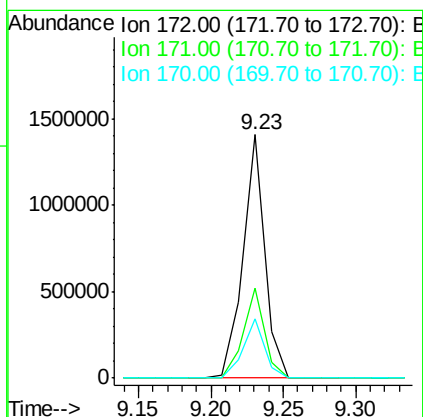
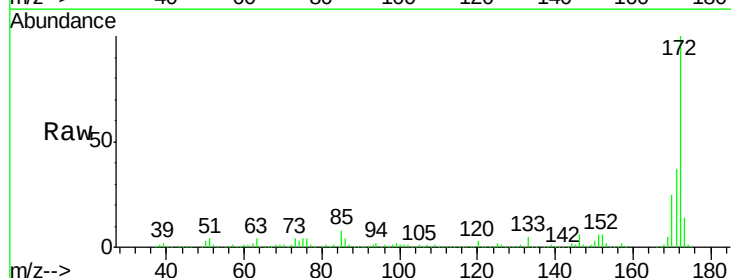
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-3-COMP

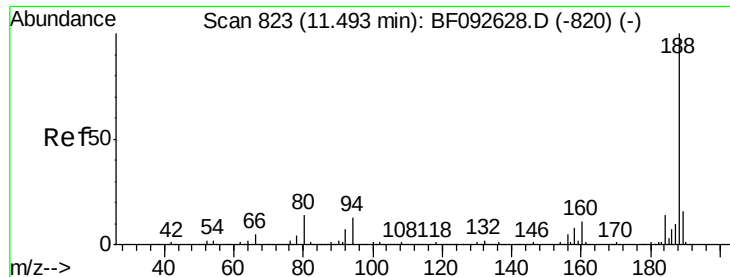
Tgt Ion:330 Resp: 337320
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 33.3 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

Tgt Ion:172 Resp: 1468416
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.6 20.2 30.4

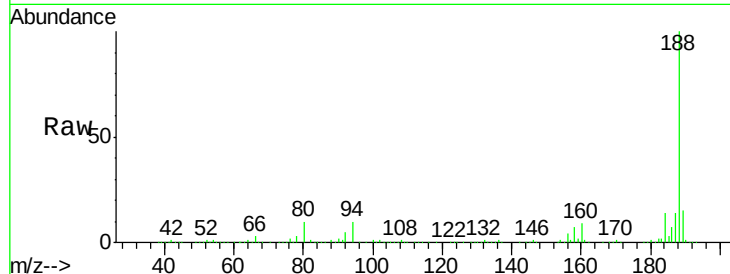




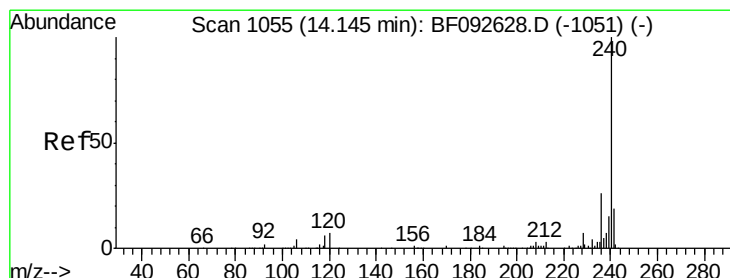
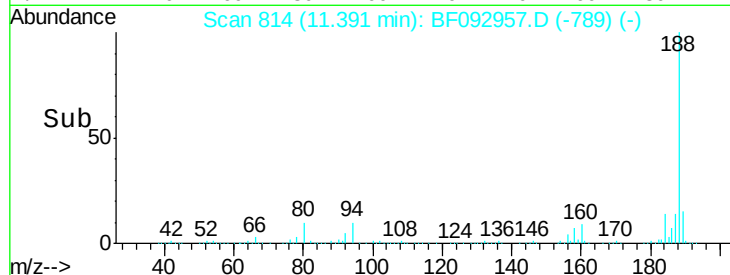
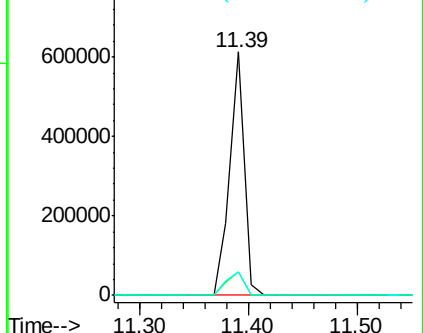
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-3-COMP

Tgt Ion:188 Resp: 569153
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 9.7 11.2 16.8#

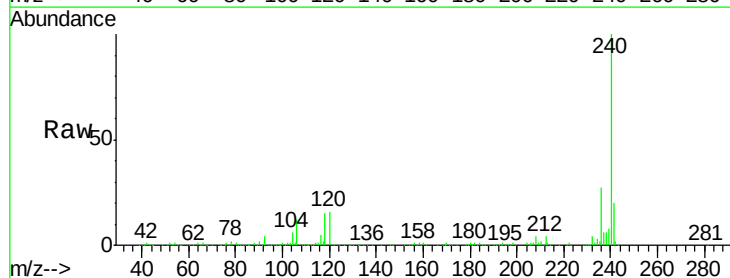


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

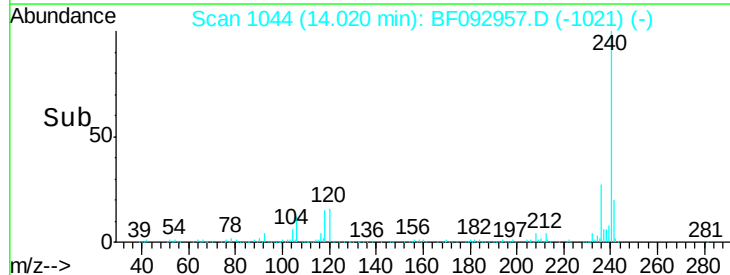
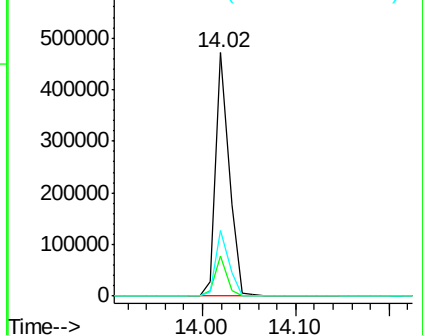


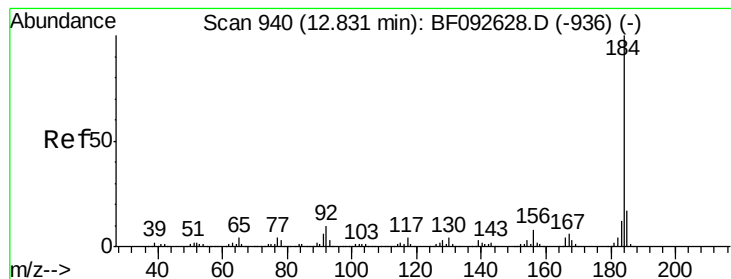
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:240 Resp: 475074
Ion Ratio Lower Upper
240 100
120 16.5 12.9 19.3
236 27.1 20.9 31.3



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





#76

Benzidine

Concen: 5.44 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-3-COMP

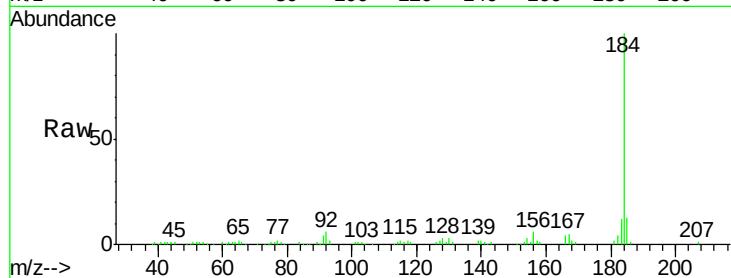
Tgt Ion:184 Resp: 110169

Ion Ratio Lower Upper

184 100

185 13.3 13.4 20.0#

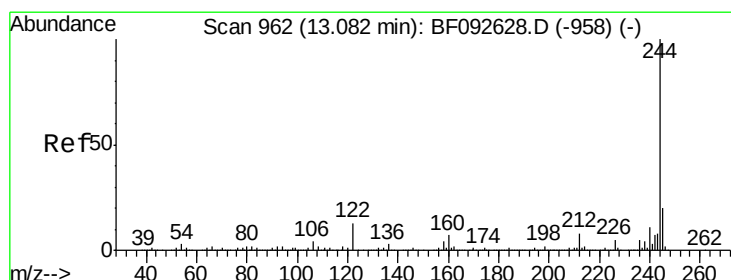
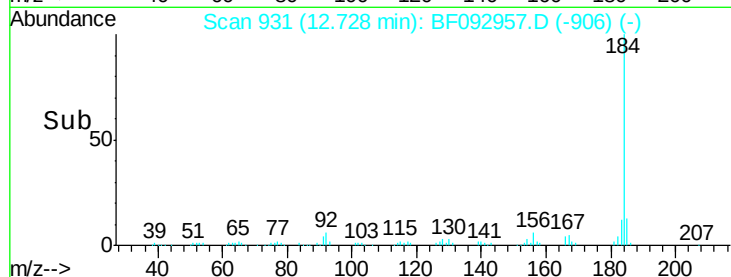
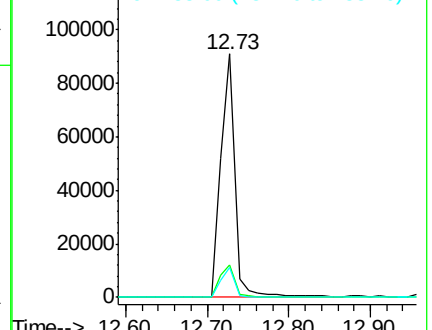
183 12.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 78.04 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

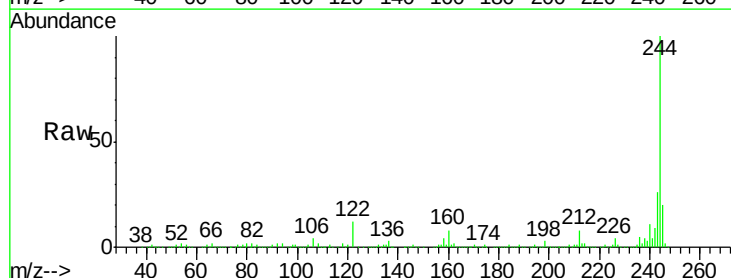
Tgt Ion:244 Resp: 1577957

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

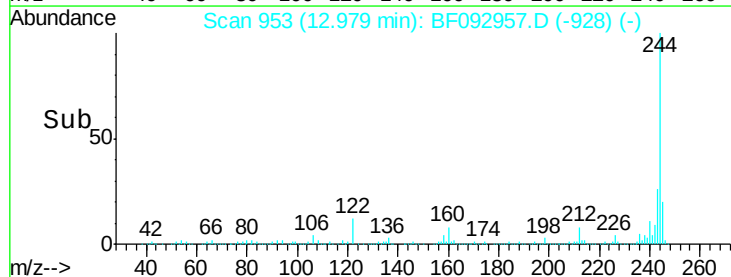
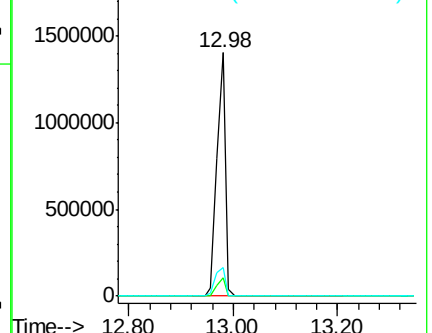
122 11.6 11.4 17.2

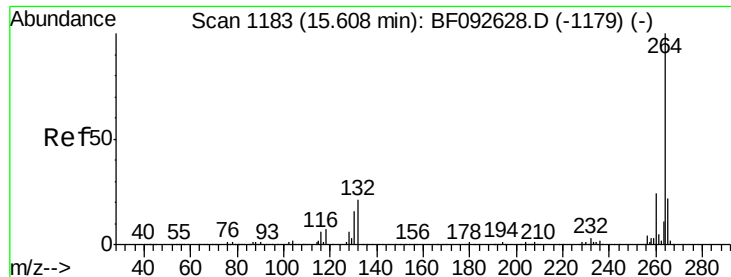


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

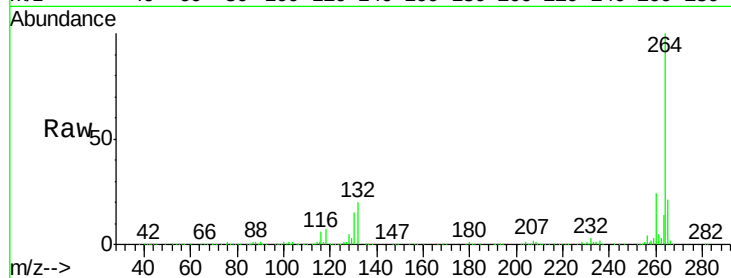




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-3-COMP

Tgt Ion: 264 Resp: 416405
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 17.4 26.0



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

