

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092977.D
 Acq On : 16 Feb 2017 5:32
 Operator : SJ/MA
 Sample : I1836-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Feb 16 07:19:39 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	156757	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	617886	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	306757	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	483324	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	321341	20.00	ng	-0.03
86) Perylene-d12	15.46	264	282281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1132922	123.99	ng	0.00
7) Phenol-d6	6.51	99	1277888	108.70	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1008637	90.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	274544	123.74	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1494930	88.29	ng	-0.01
78) Terphenyl-d14	12.98	244	1280641	93.64	ng	-0.01

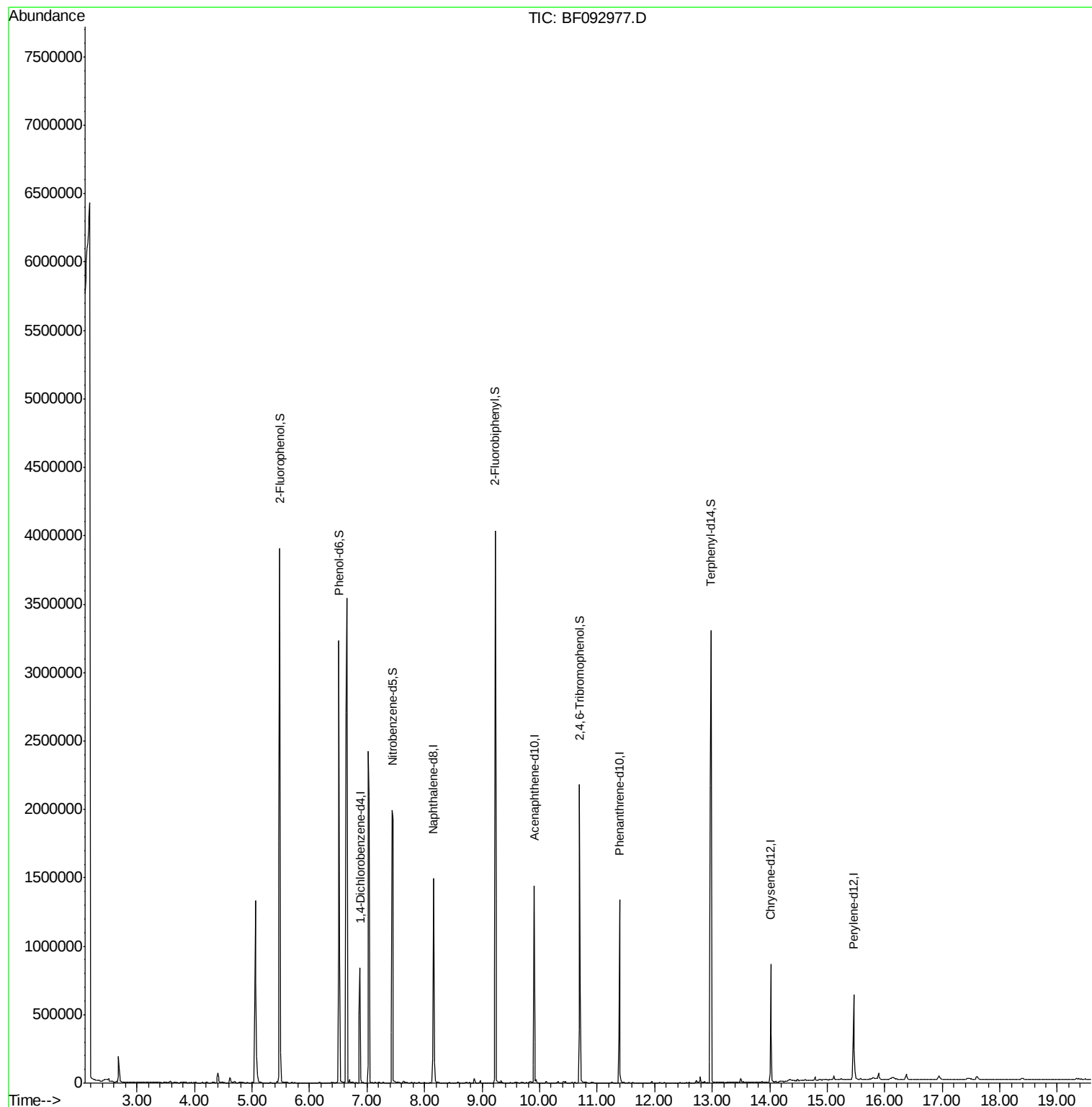
Target Compounds	Qvalue
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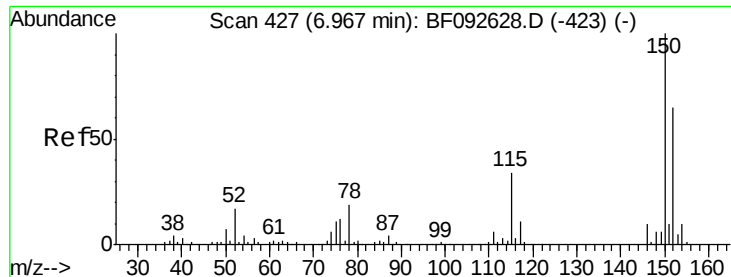
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

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TEST-PIT-A-COMP

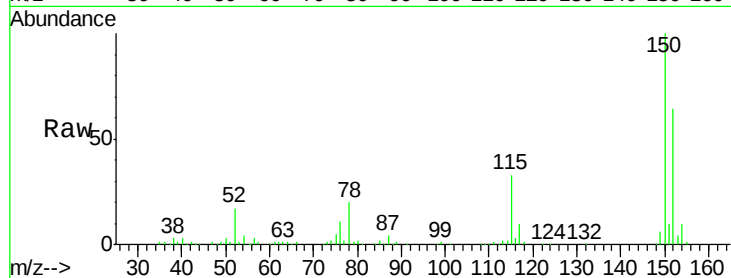
Tgt Ion:152 Resp: 156757

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

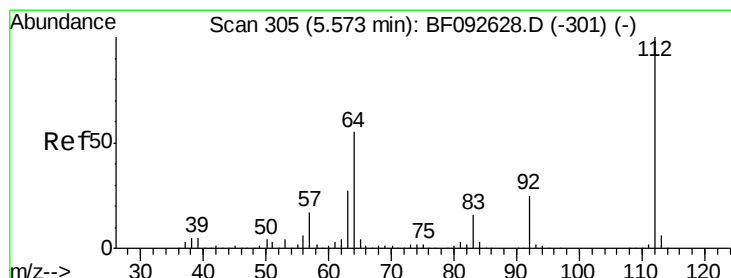
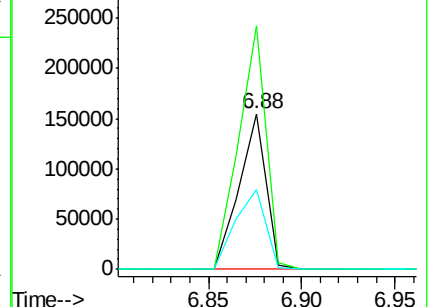
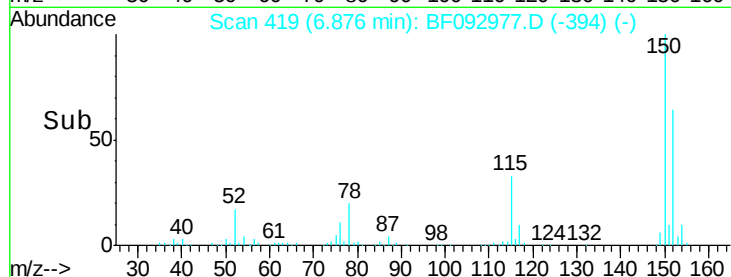
115 51.0 46.0 69.0



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: 123.99 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

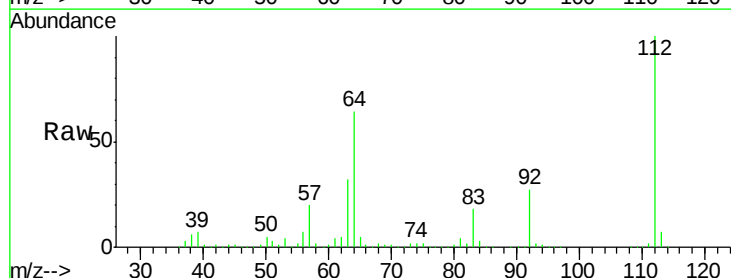
Tgt Ion:112 Resp: 1132922

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

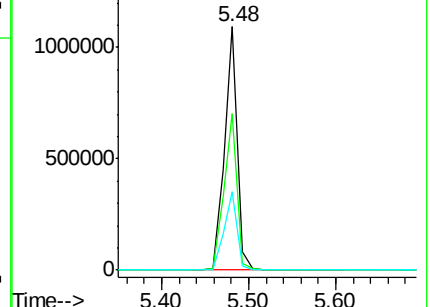
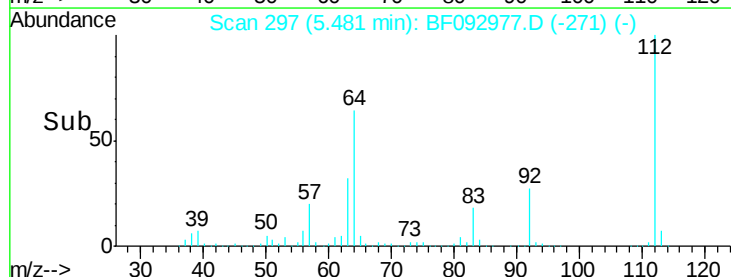
63 32.2 23.8 35.6

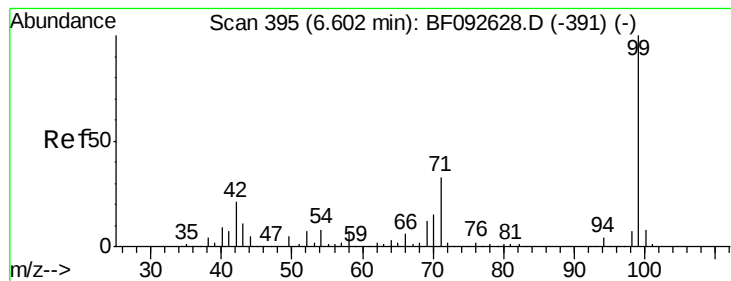


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.70 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092977.D

Acq: 16 Feb 2017 5:32

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-A-COMP

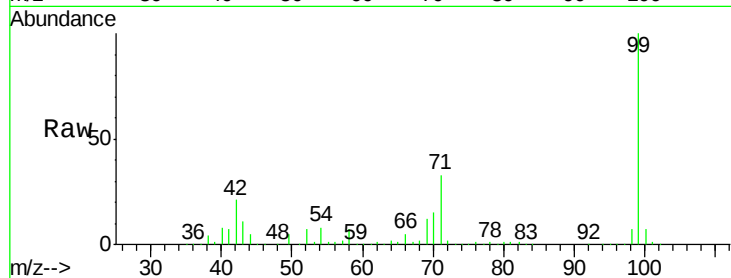
Tgt Ion: 99 Resp: 1277888

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

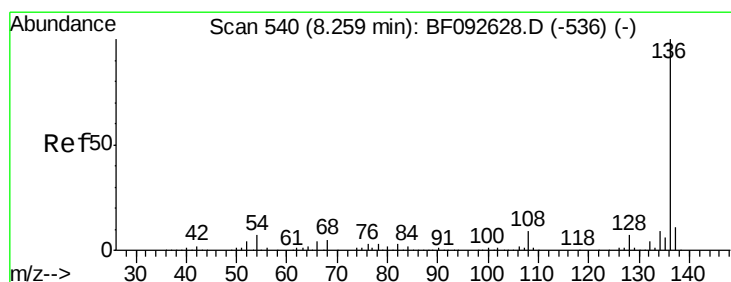
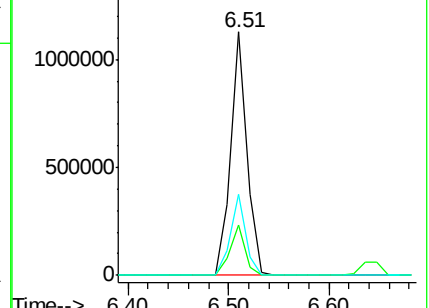
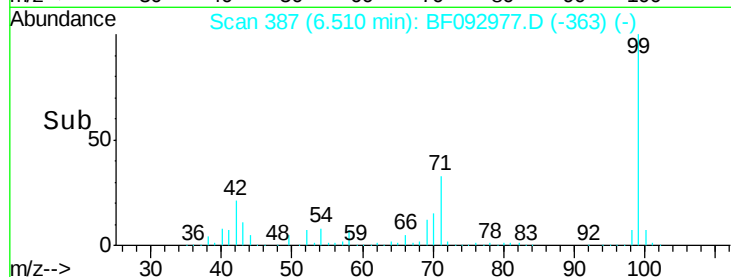
71 33.1 27.5 41.3



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: BF092977.D

Acq: 16 Feb 2017 5:32

Tgt Ion: 136 Resp: 617886

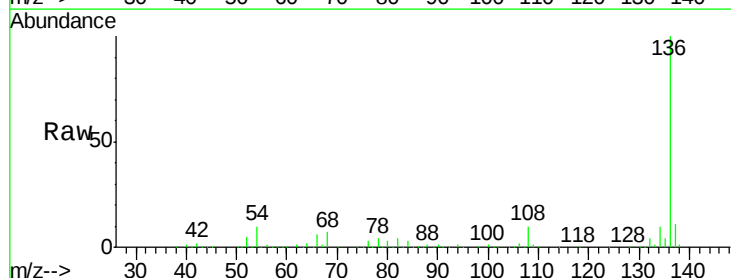
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.3 4.5 6.7#

68 7.1 3.6 5.4#

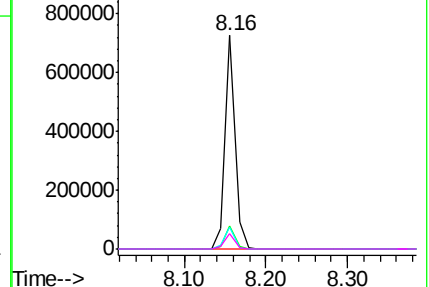
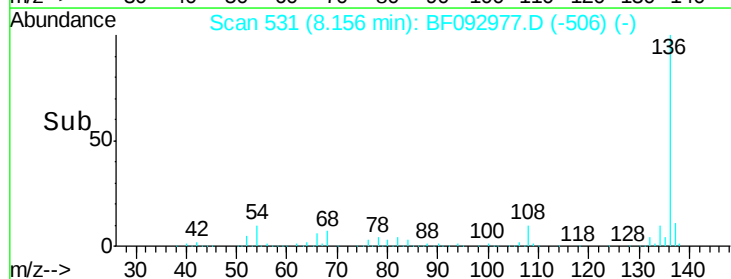


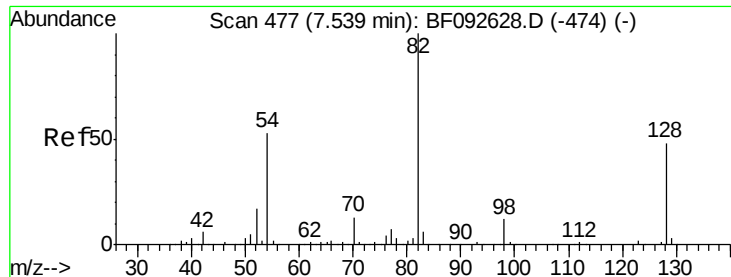
Abundance Ion 136.00 (135.70 to 136.70): E

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

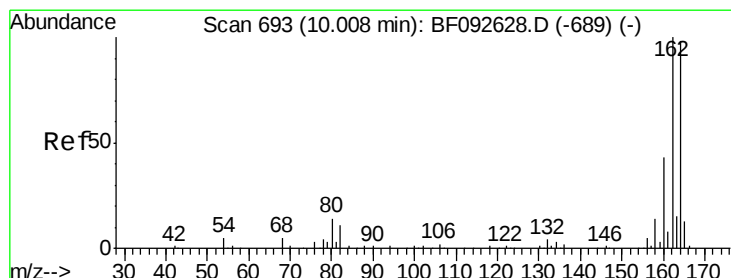
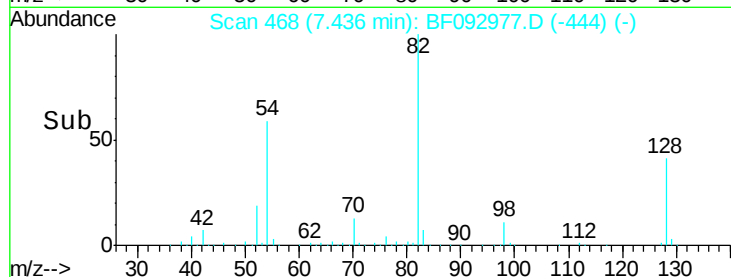
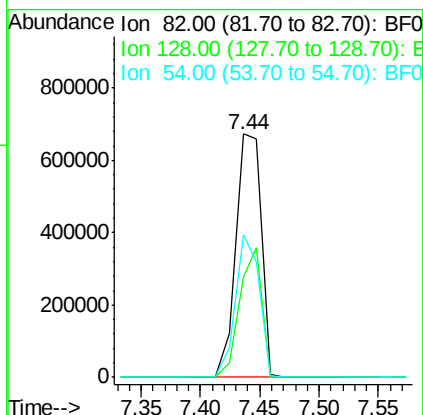
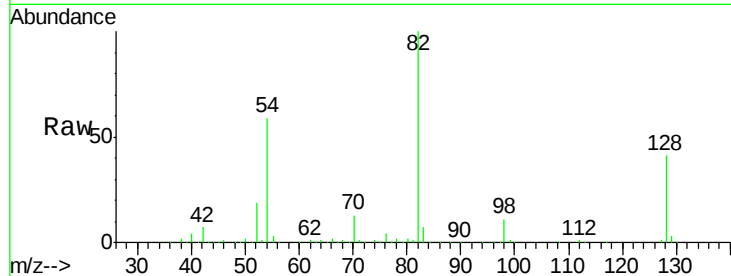




#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

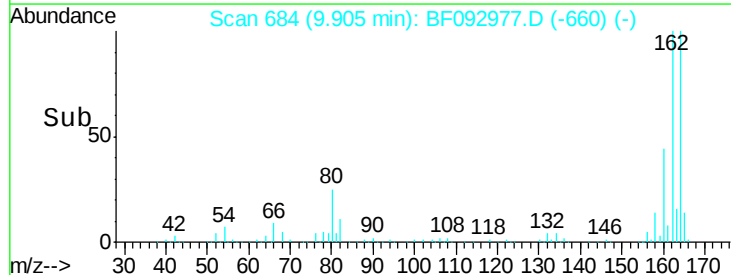
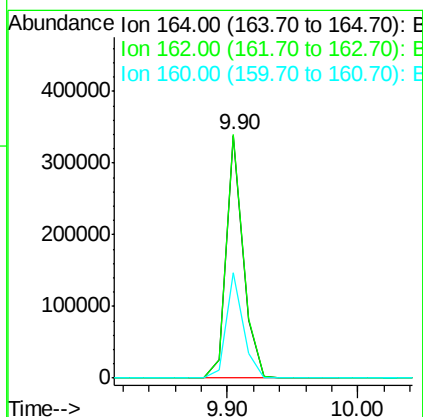
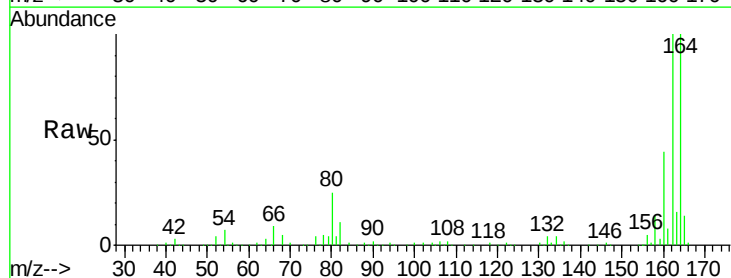
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-A-COMP

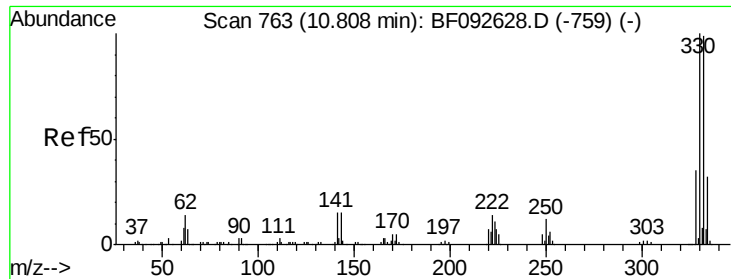
Tgt Ion: 82 Resp: 1008637
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 58.7 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

Tgt Ion: 164 Resp: 306757
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 43.7 36.9 55.3

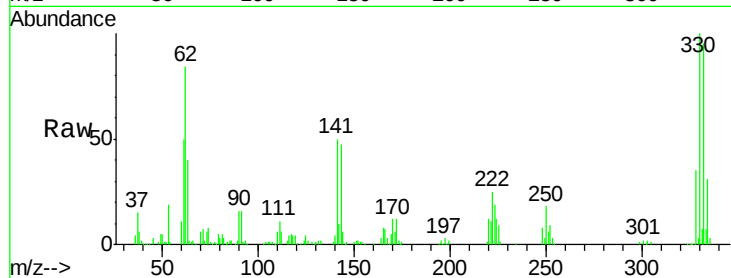




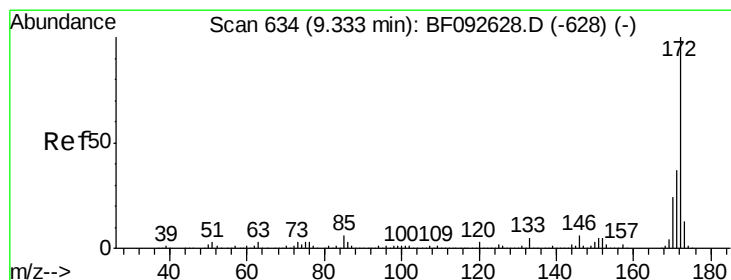
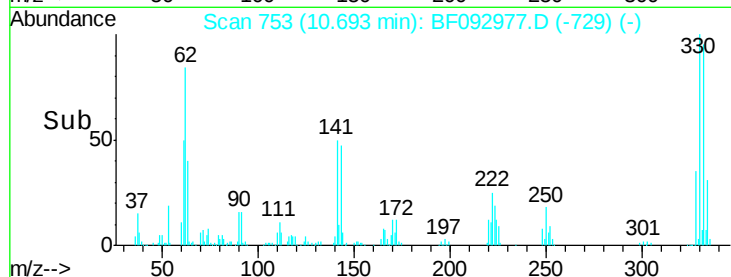
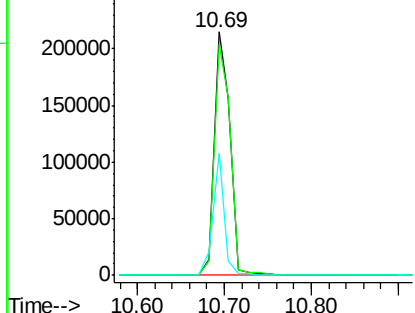
#41
 2,4,6-Tribromophenol
 Concen: 123.74 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

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

Tgt Ion:330 Resp: 274544
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 36.3 34.1 51.1

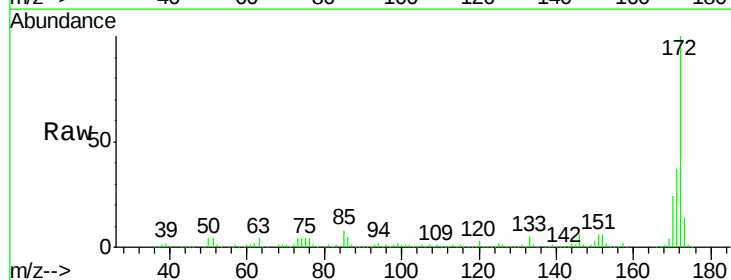


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

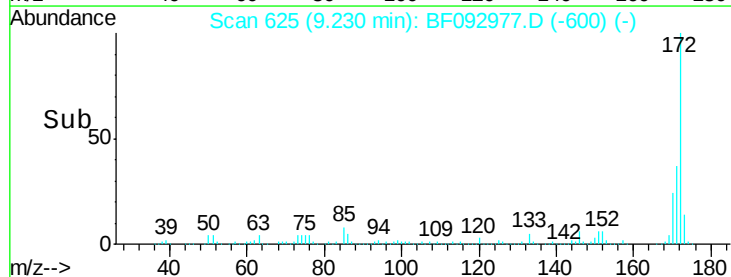
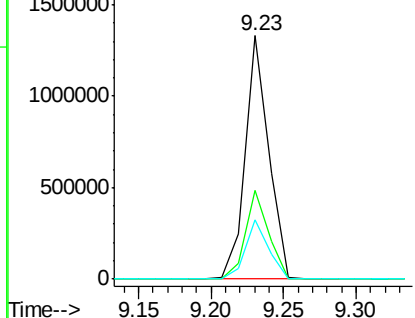


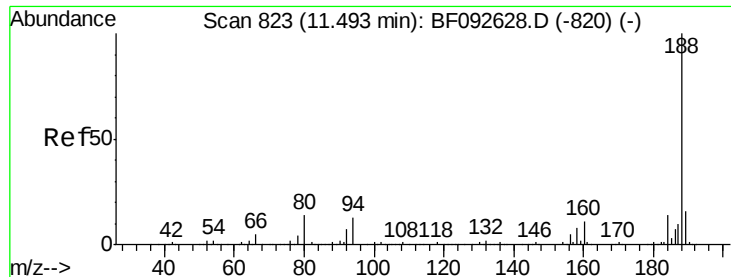
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

Tgt Ion:172 Resp: 1494930
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 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

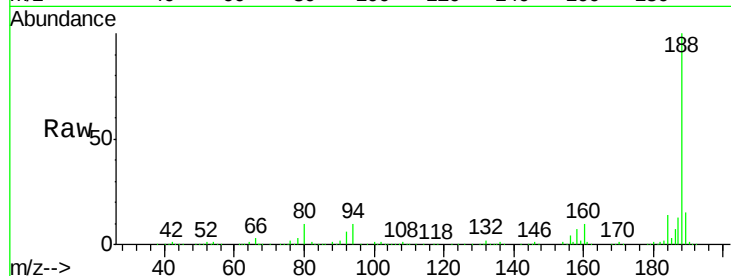




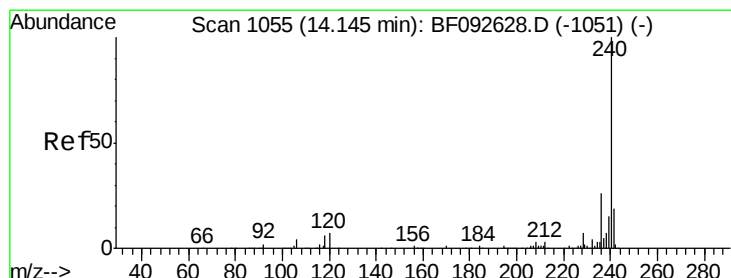
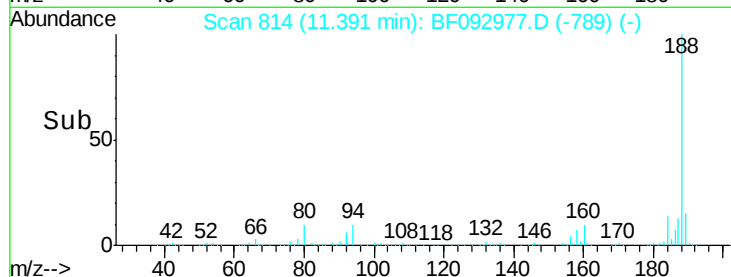
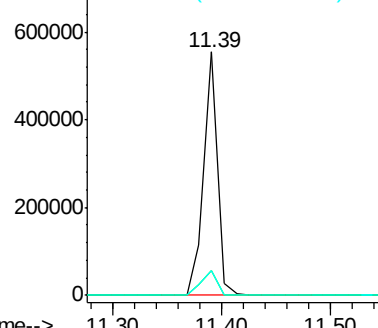
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

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

Tgt Ion:188 Resp: 483324
Ion Ratio Lower Upper
188 100
94 10.0 10.0 15.0#
80 10.4 11.2 16.8#

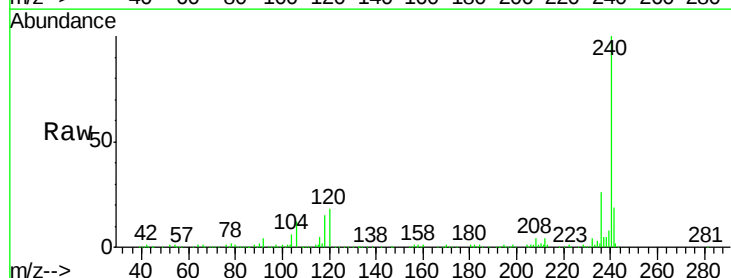


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

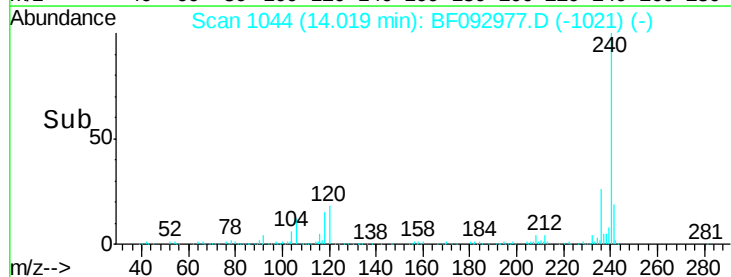
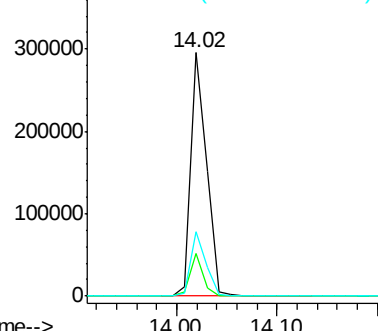


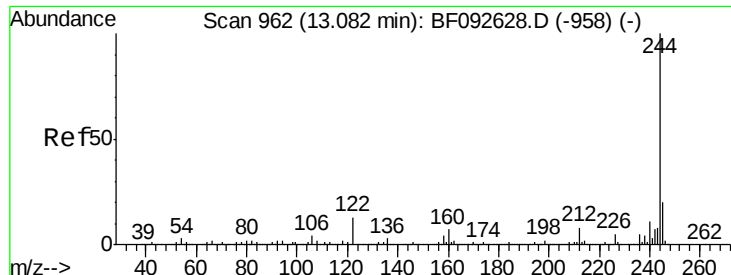
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092977.D
Acq: 16 Feb 2017 5:32

Tgt Ion:240 Resp: 321341
Ion Ratio Lower Upper
240 100
120 17.6 12.9 19.3
236 26.3 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

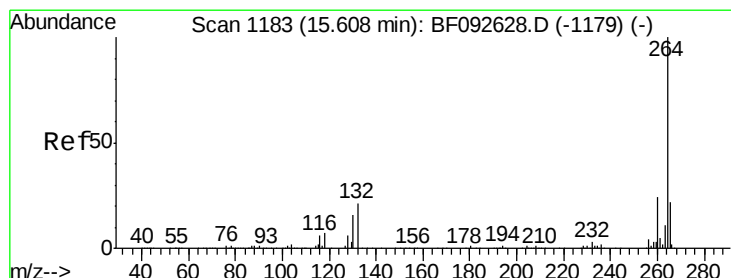
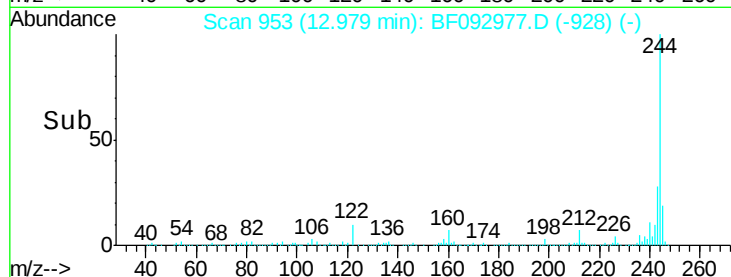
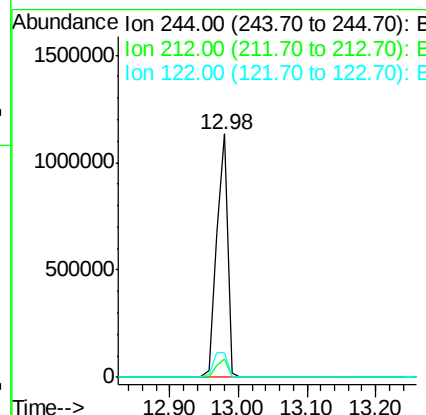
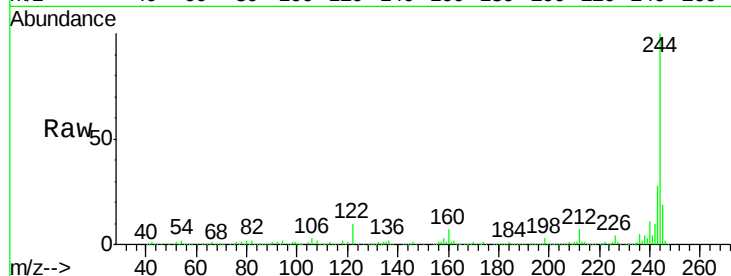




#78
 Terphenyl-d14
 Concen: 93.64 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

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Tgt Ion:244 Resp: 1280641
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092977.D
 Acq: 16 Feb 2017 5:32

Tgt Ion:264 Resp: 282281
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.6 17.4 26.0

