

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095323.D
 Acq On : 22 May 2017 20:02
 Operator : SJ/MA
 Sample : I3236-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01 003

Quant Time: May 23 04:08:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

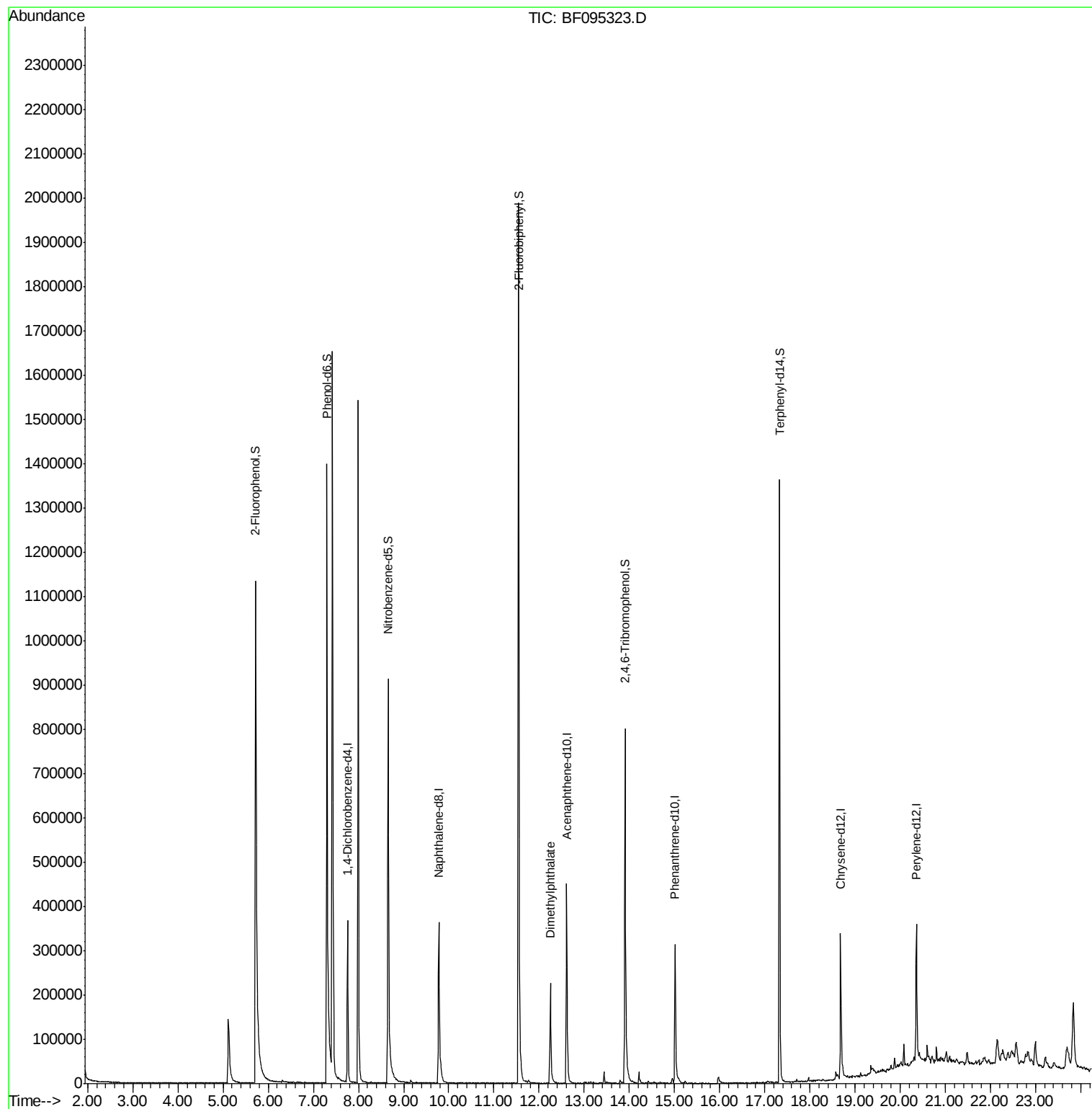
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	85223	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	361869	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	160574	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	230557	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	182778	20.00	ng	-0.01
86) Perylene-d12	20.36	264	166438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	798027	156.12	ng	-0.02
7) Phenol-d6	7.30	99	902119	147.09	ng	-0.01
23) Nitrobenzene-d5	8.66	82	546980	95.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	166640	126.72	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1031538	92.46	ng	-0.01
78) Terphenyl-d14	17.33	244	569688	68.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	193063	14.65	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_003

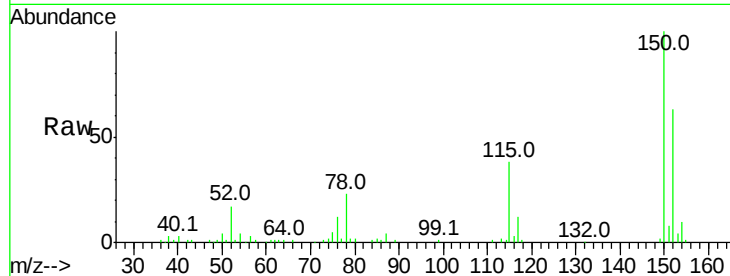
Tot Ion:152 Resp: 85223

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

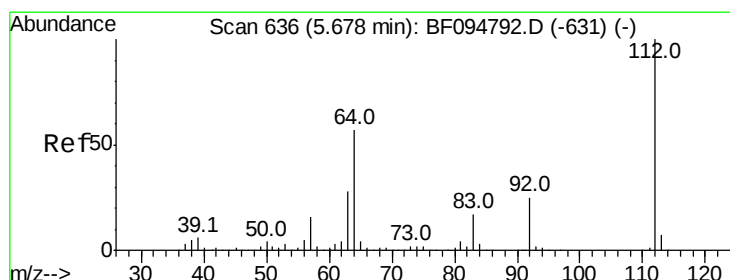
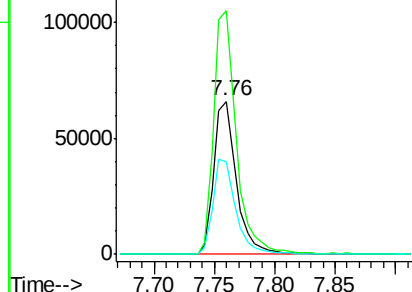
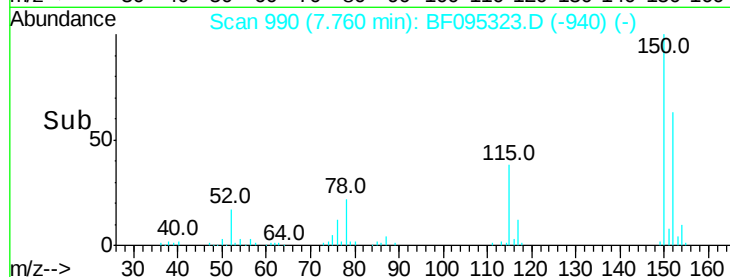
115 60.9 52.2 78.2



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: 156.12 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

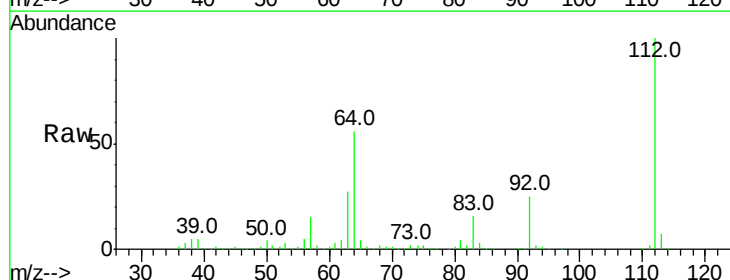
Tgt Ion:112 Resp: 798027

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

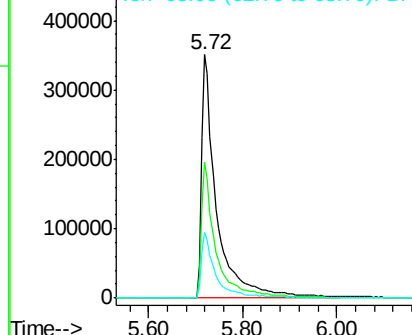
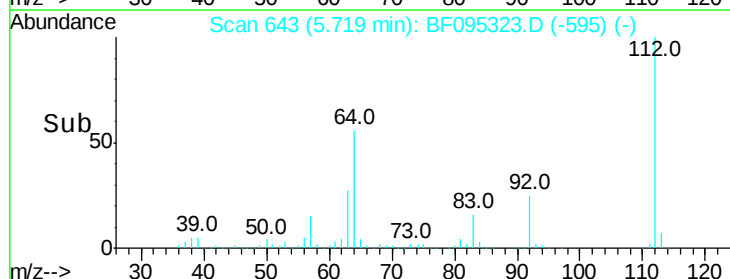
63 26.9 23.4 35.0



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: 147.09 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_003

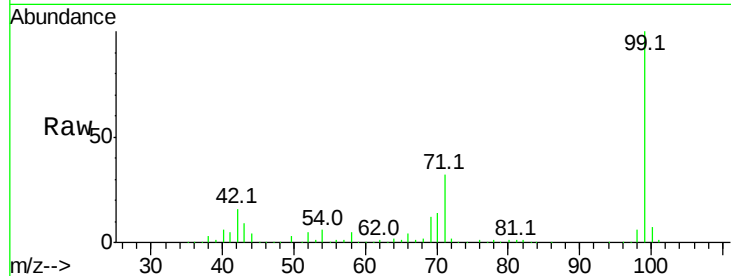
Tot Ion: 99 Resp: 902119

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

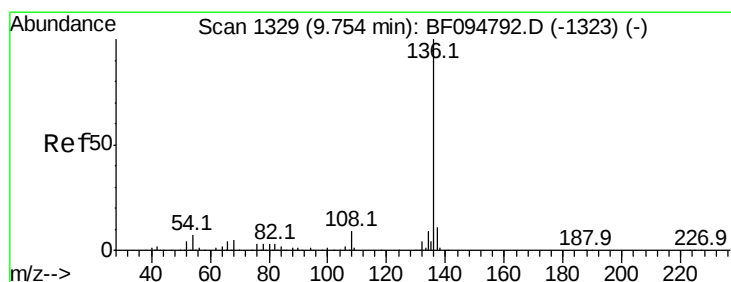
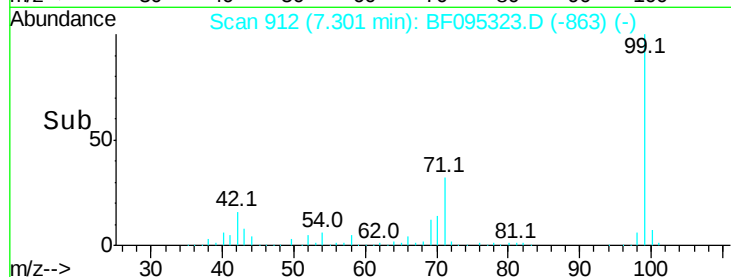
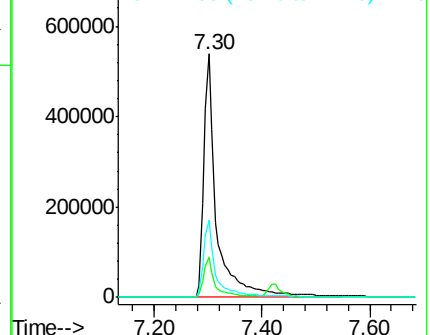
71 31.9 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Tgt Ion: 136 Resp: 361869

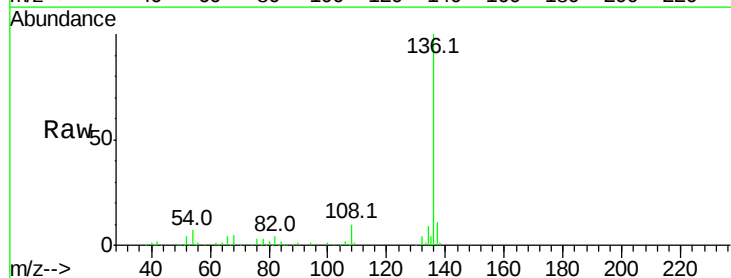
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.3 4.1 6.1

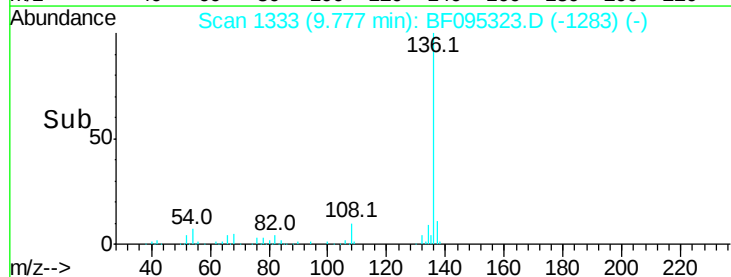
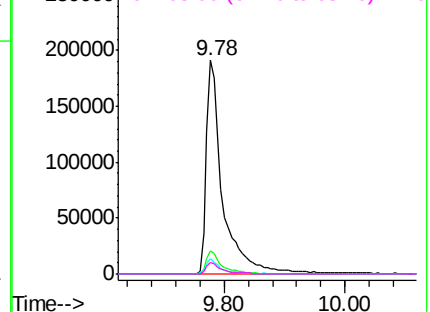


Abundance Ion 136.00 (135.70 to 136.70): E

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

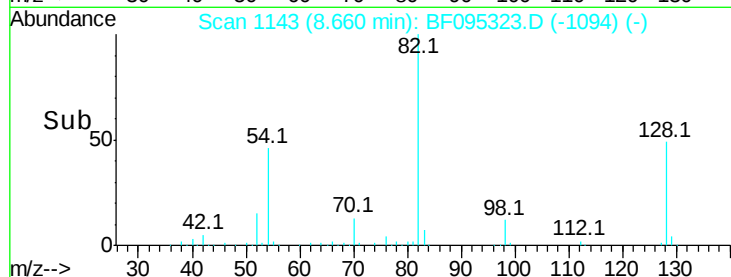
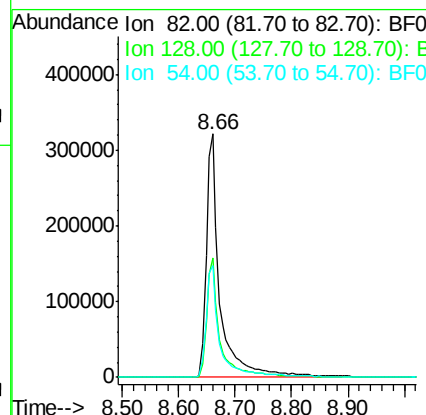
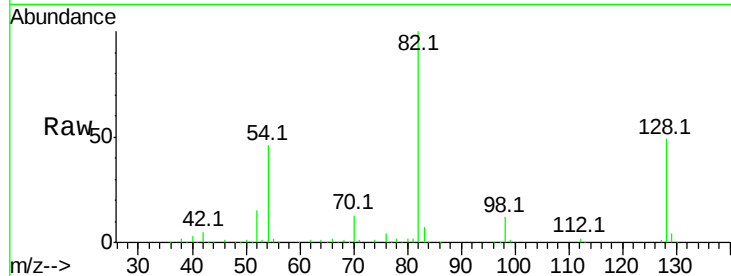




#23
 Nitrobenzene-d5
 Concen: 95.32 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

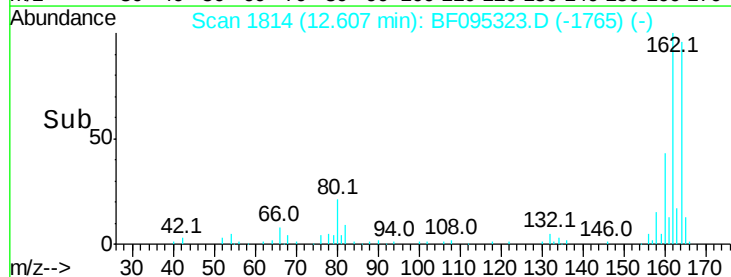
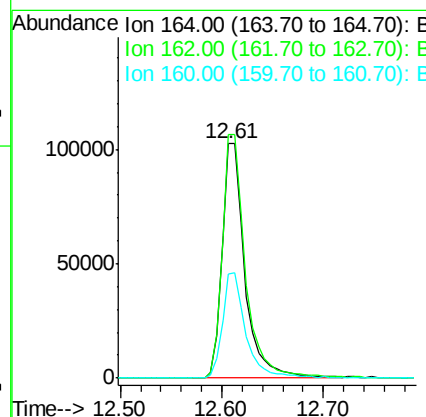
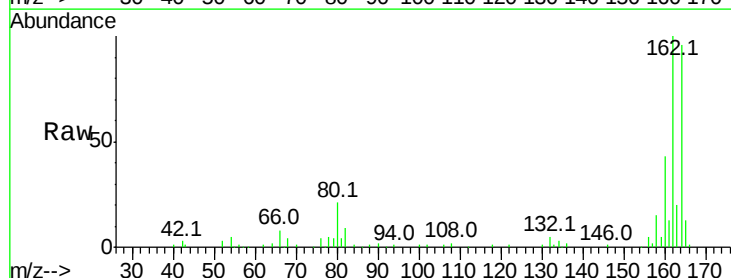
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_003

Tot Ion: 82 Resp: 546980
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

Tgt Ion:164 Resp: 160574
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 44.3 36.2 54.2

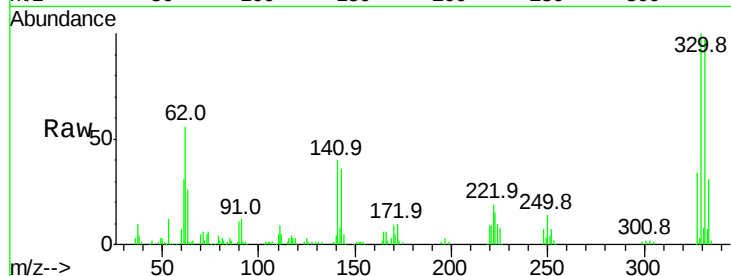




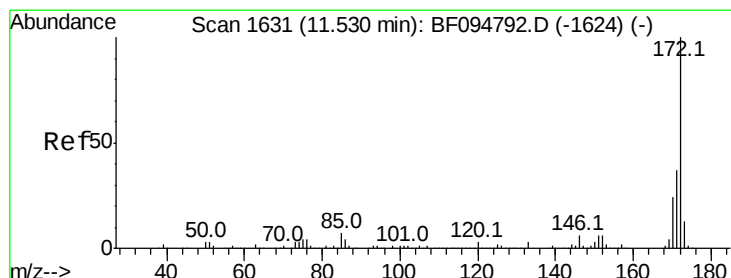
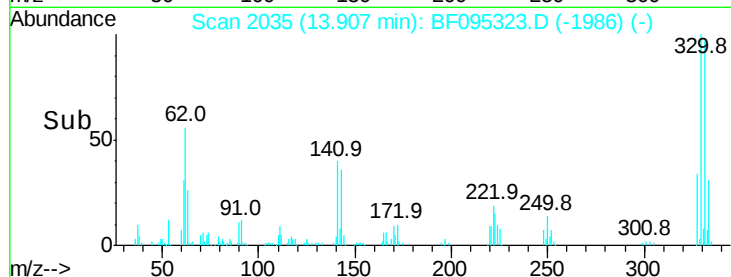
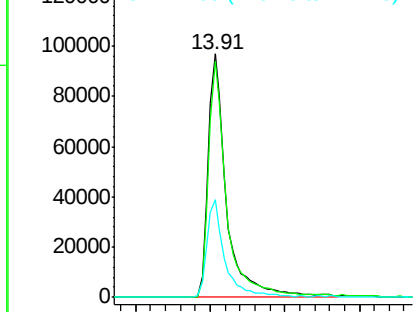
#41
 2,4,6-Tribromophenol
 Concen: 126.72 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_003

Tot Ion:330 Resp: 166640
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.0 31.4 47.2

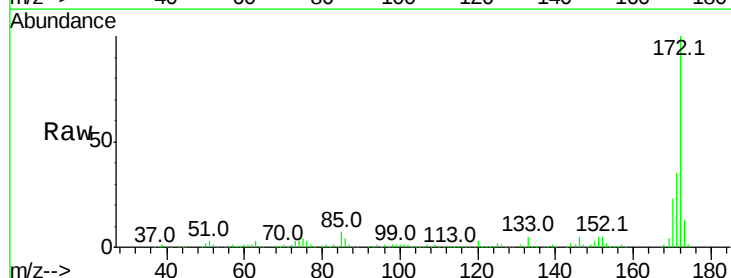


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

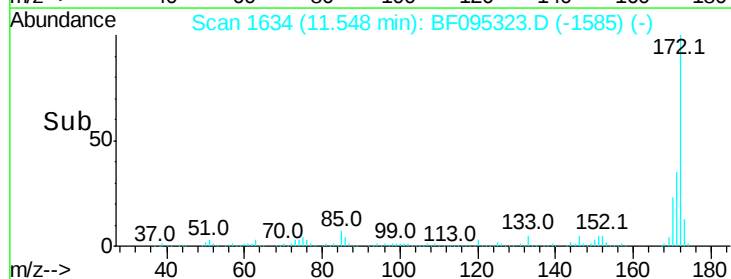
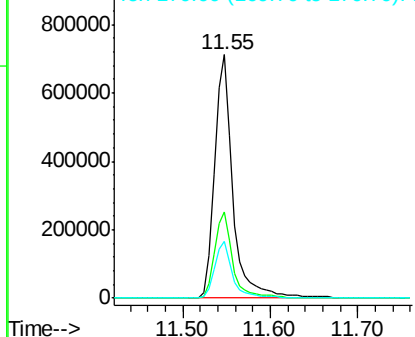


#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095323.D
 Acq: 22 May 2017 20:02

Tgt Ion:172 Resp: 1031538
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.1 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





#49

Dimethylphthalate

Concen: 14.65 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_003

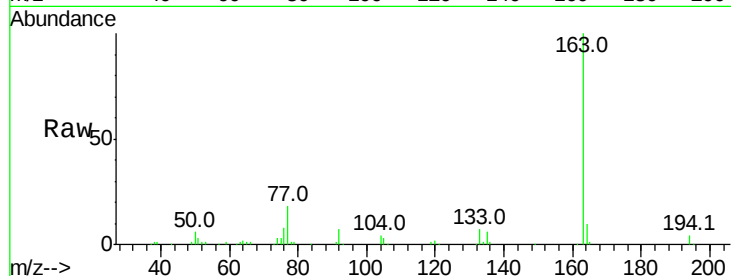
Tot Ion:163 Resp: 193063

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

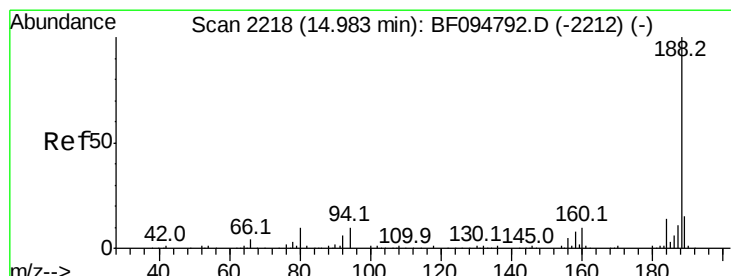
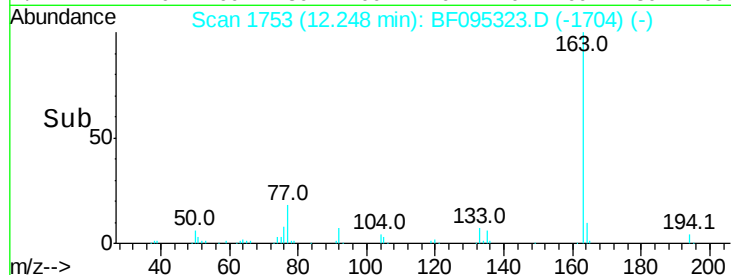
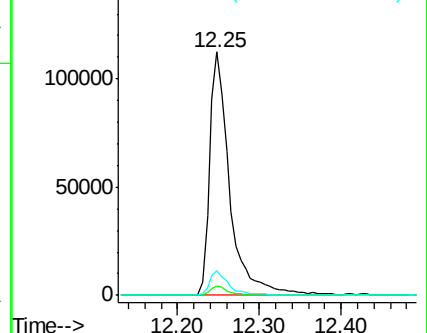
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

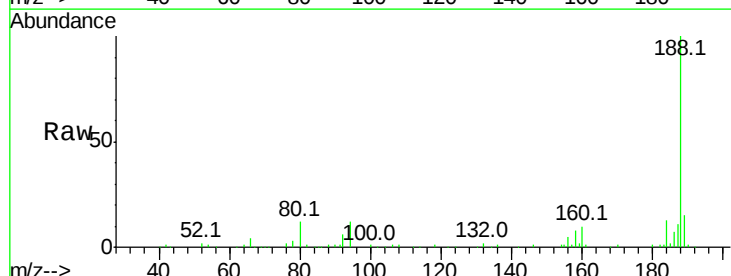
Tgt Ion:188 Resp: 230557

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

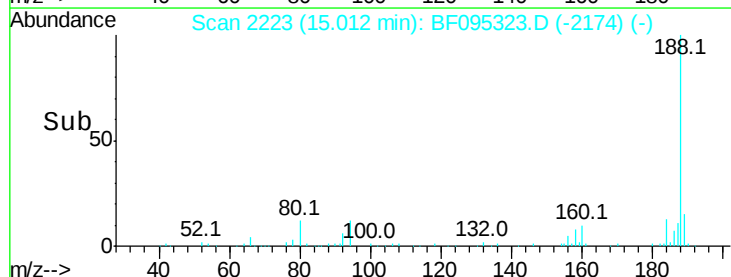
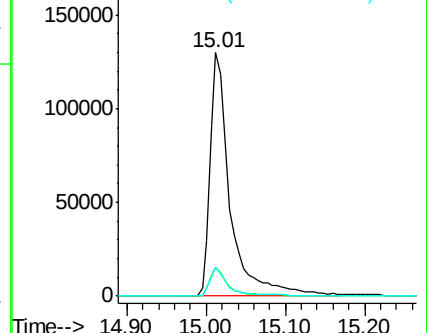
80 11.6 10.2 15.2



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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_003

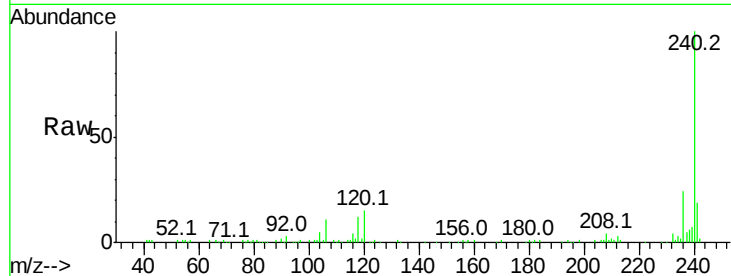
Tot Ion:240 Resp: 182778

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

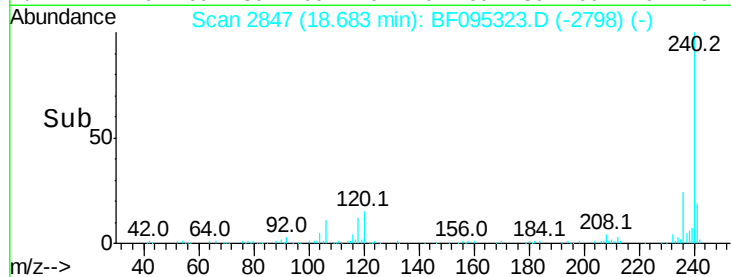
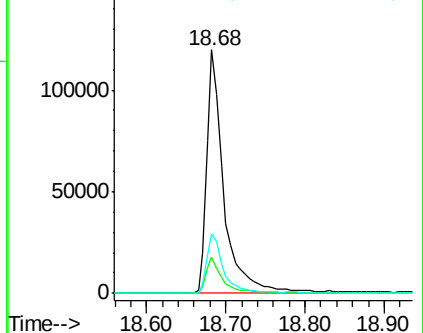
236 24.3 20.5 30.7



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: 68.65 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095323.D

Acq: 22 May 2017 20:02

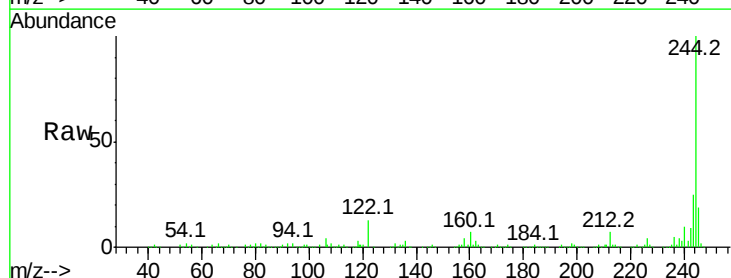
Tgt Ion:244 Resp: 569688

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

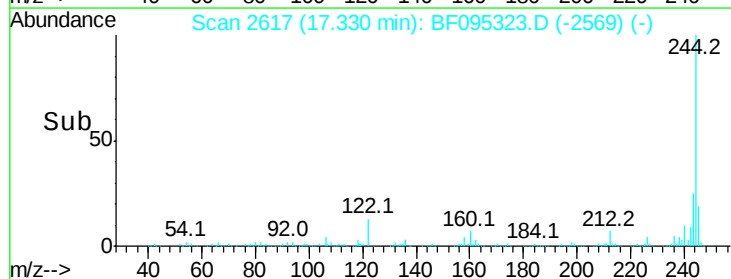
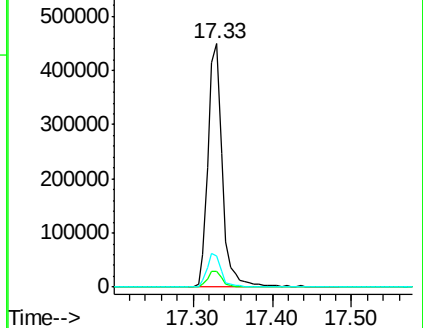
122 13.0 10.3 15.5

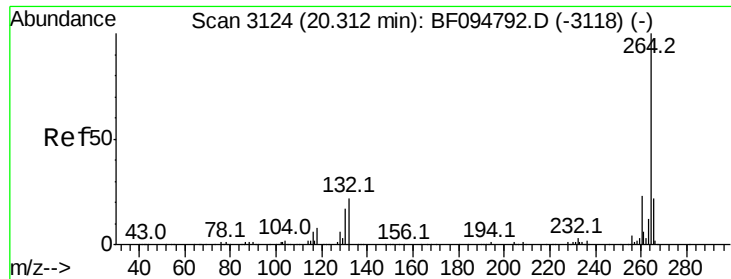


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

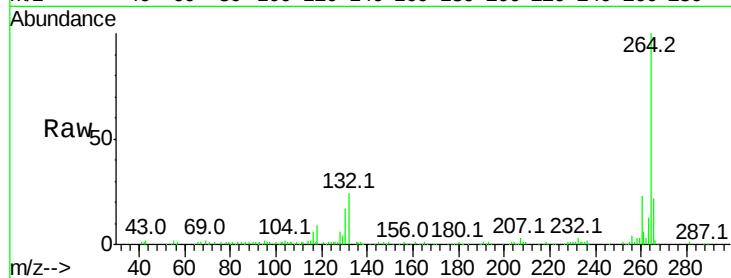




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095323.D
Acq: 22 May 2017 20:02

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_003

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.6	17.2	25.8



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

