

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095615.D
 Acq On : 2 Jun 2017 3:21
 Operator : SJ/MA
 Sample : I3412-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

Quant Time: Jun 02 05:56:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	93183	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	380883	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	175892	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	357208	20.00	ng	0.00
75) Chrysene-d12	18.50	240	301054	20.00	ng	0.00
86) Perylene-d12	20.17	264	194544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	787285	140.86	ng	0.02
7) Phenol-d6	7.09	99	919469	137.11	ng	0.00
23) Nitrobenzene-d5	8.45	82	599457	99.25	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	235613	163.56	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1119517	91.61	ng	0.00
78) Terphenyl-d14	17.15	244	1073870	78.57	ng	0.00

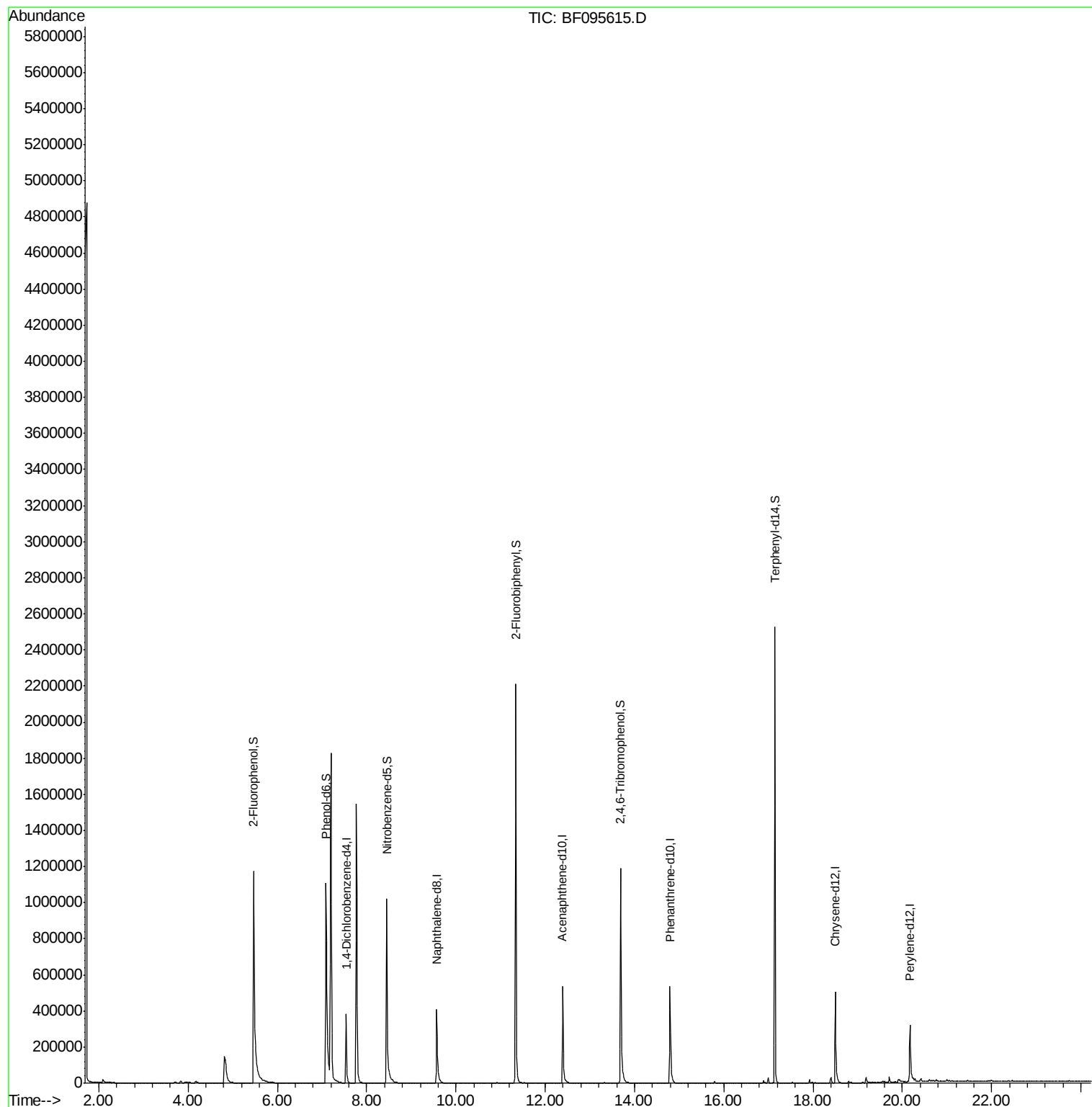
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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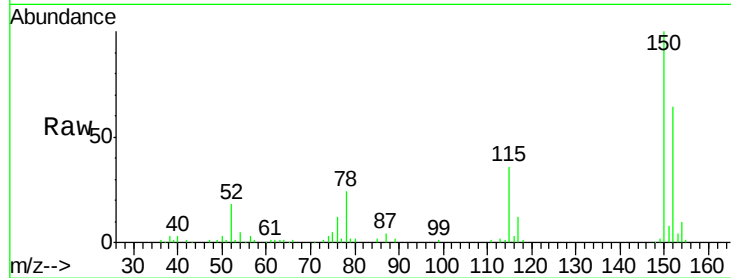




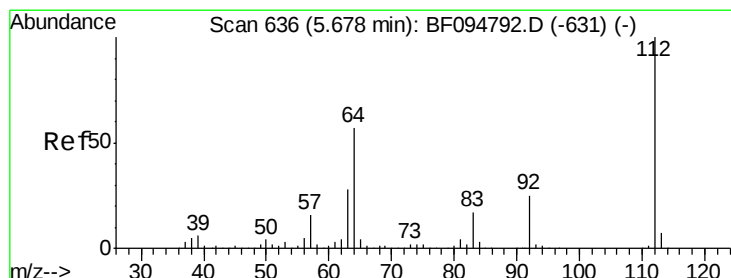
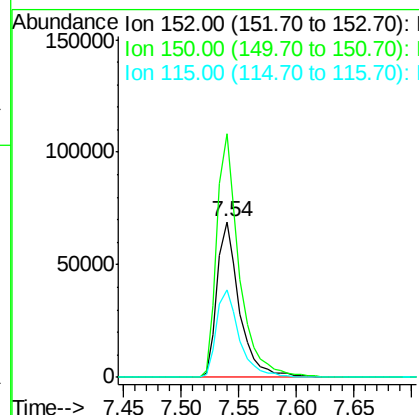
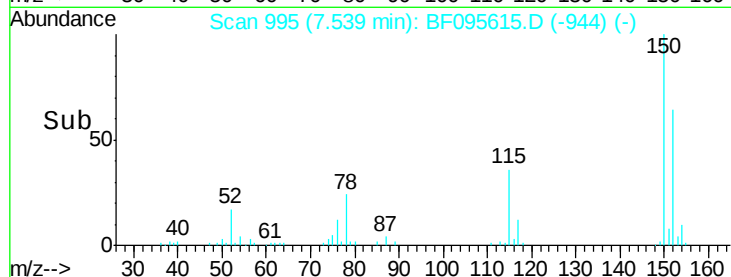
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

Tgt Ion:152 Resp: 93183
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 56.1 52.2 78.2

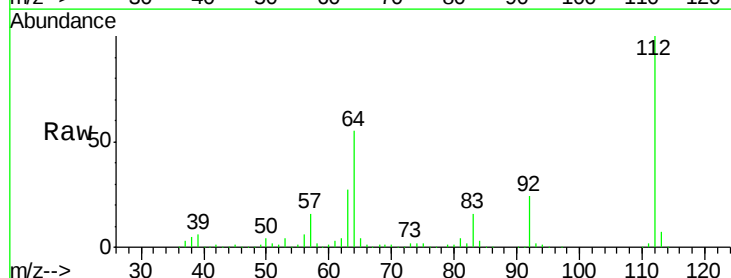


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

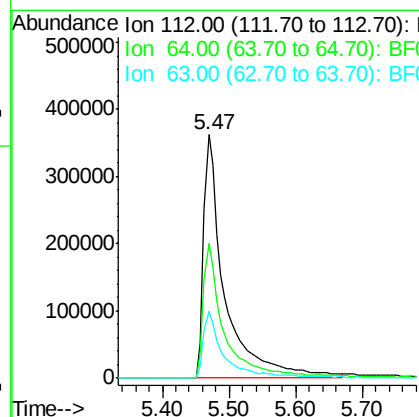
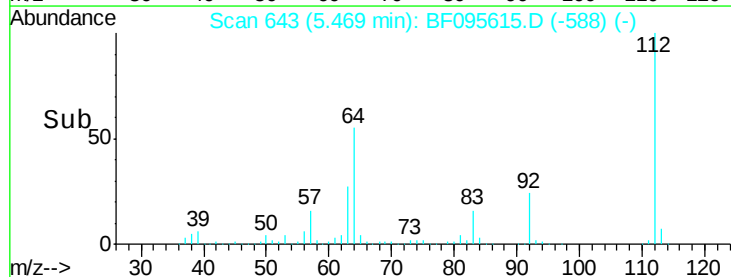


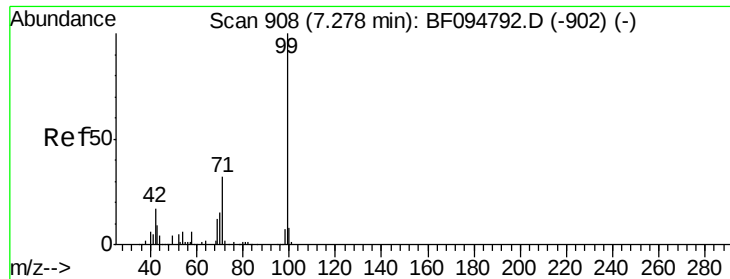
#5
 2-Fluorophenol
 Concen: 140.859 ng
 RT: 5.47 min Scan# 643
 Delta R.T. 0.02 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion:112 Resp: 787285
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.5 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: 137.109 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2-COMP

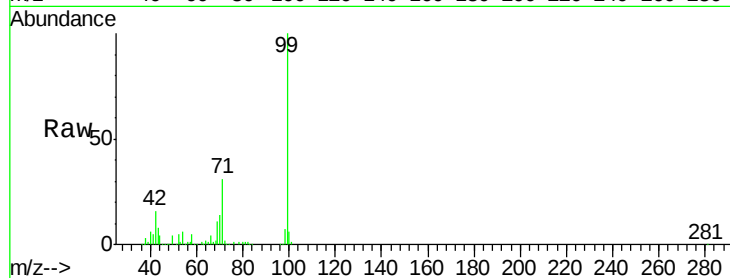
Tgt Ion: 99 Resp: 919469

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

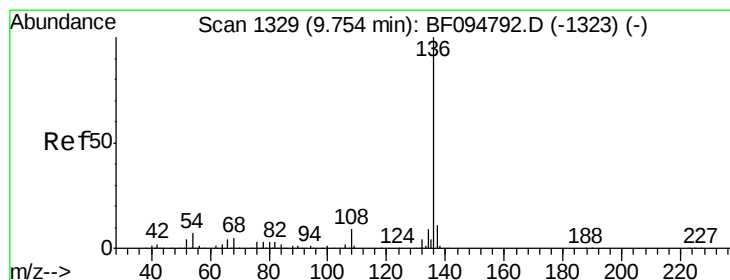
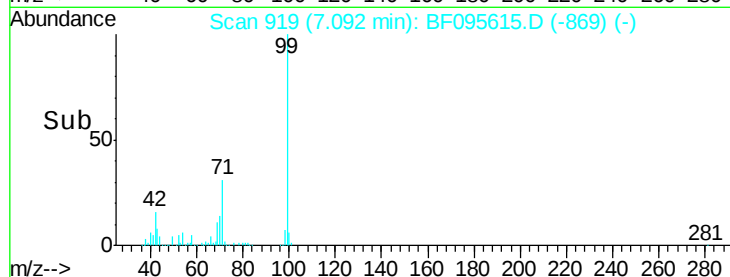
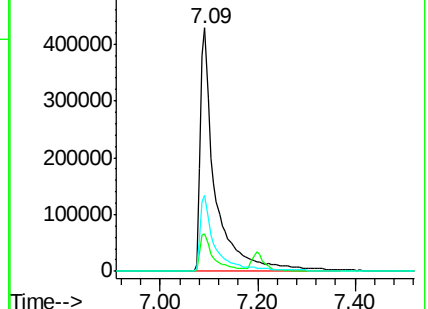
71 31.1 24.5 36.7



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: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095615.D

Acq: 2 Jun 2017 3:21

Tgt Ion: 136 Resp: 380883

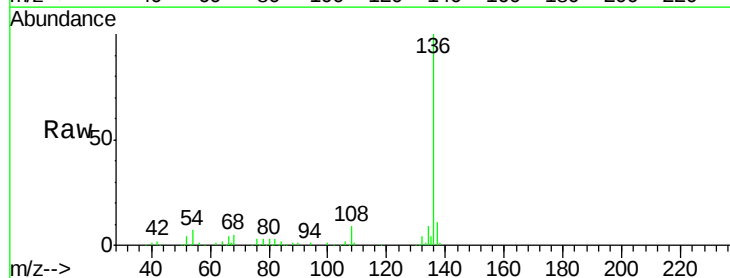
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.1 4.1 6.1

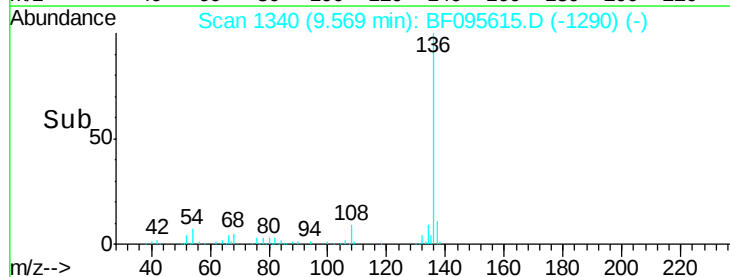
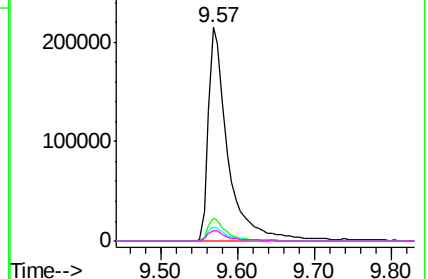


Abundance Ion 136.00 (135.70 to 136.70): E

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

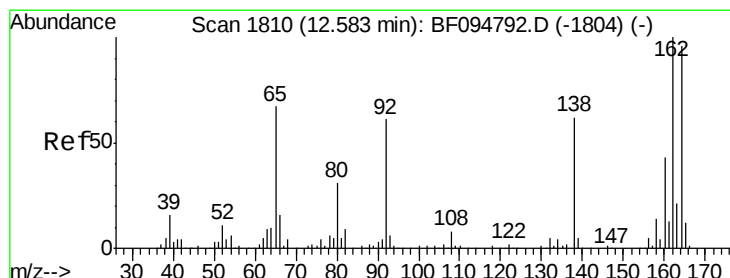
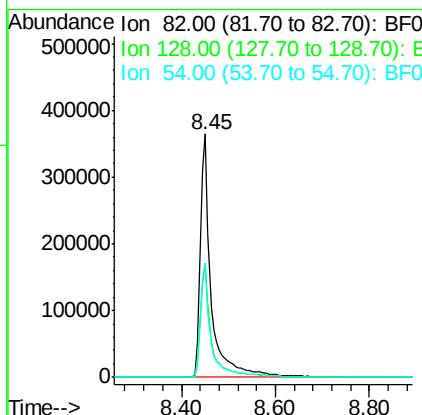
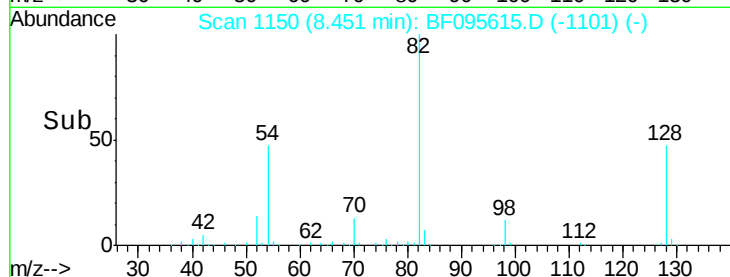
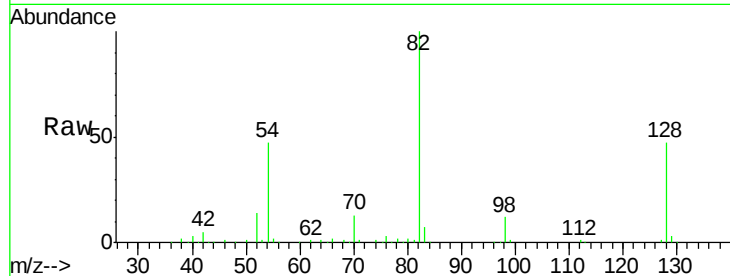




#23
 Nitrobenzene-d5
 Concen: 99.245 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

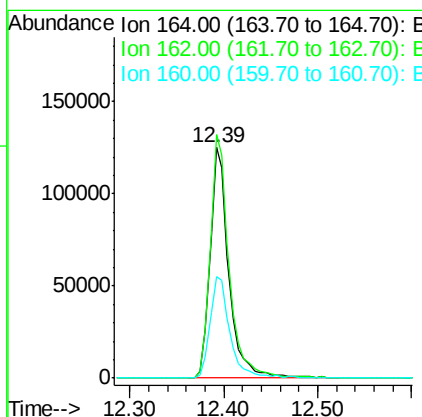
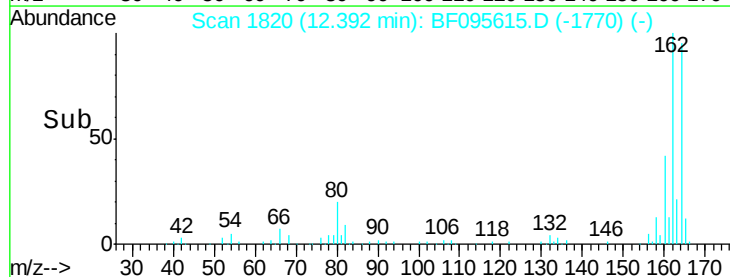
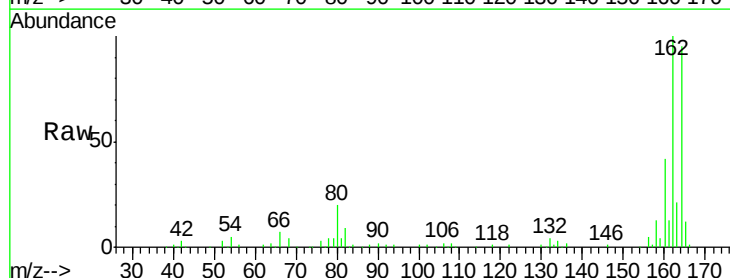
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

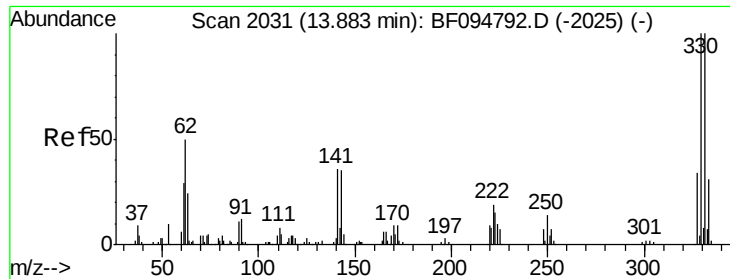
Tgt Ion: 82 Resp: 599457
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion: 164 Resp: 175892
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 44.3 36.2 54.2

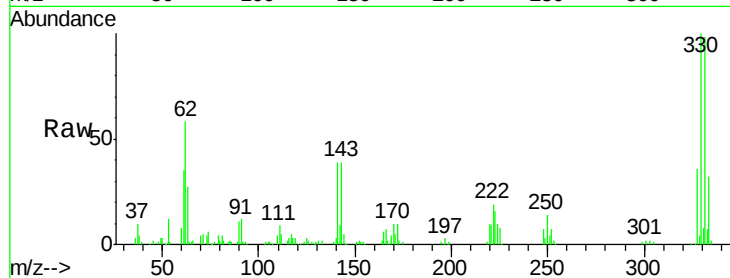




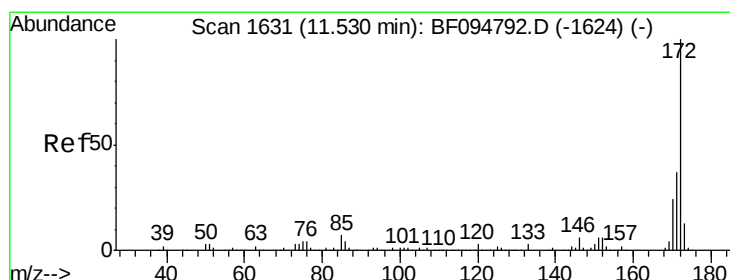
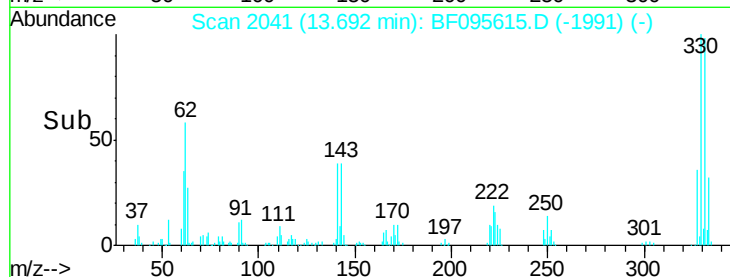
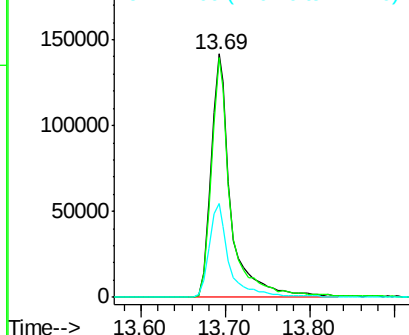
#41
 2,4,6-Tribromophenol
 Concen: 163.563 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

Tgt Ion:330 Resp: 235613
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.8 31.4 47.2

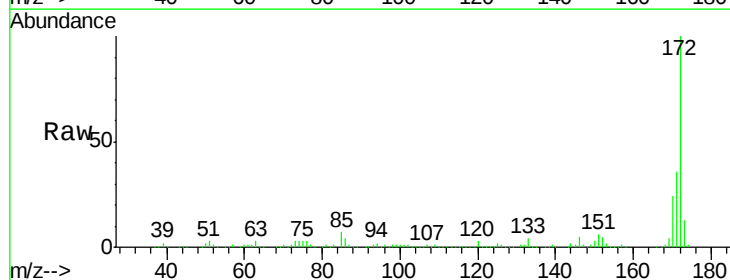


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

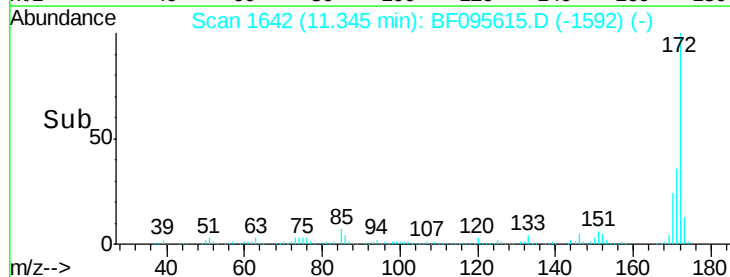
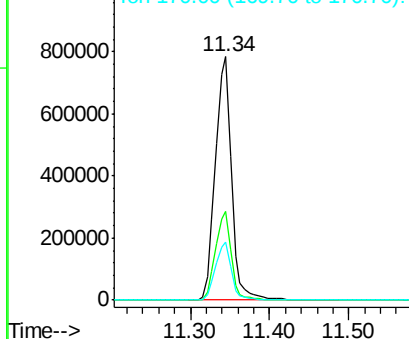


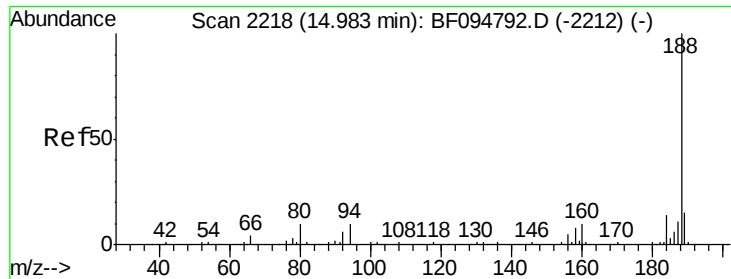
#44
 2-Fluorobiphenyl
 Concen: 91.611 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion:172 Resp: 1119517
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.6 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

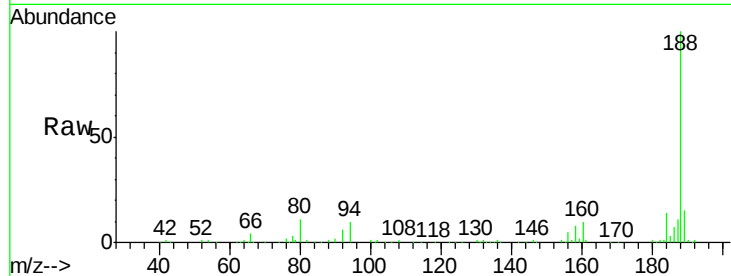




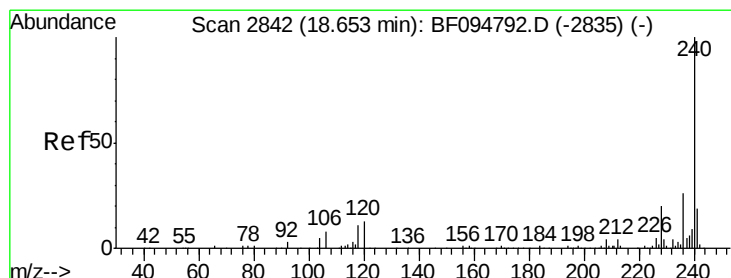
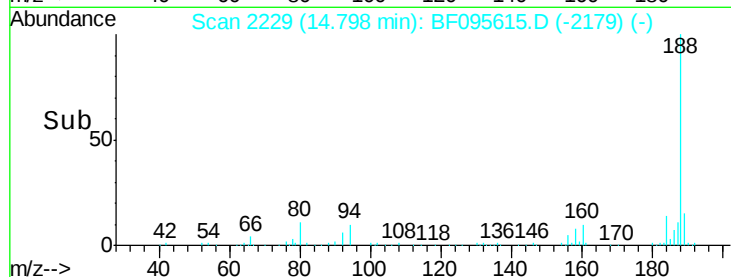
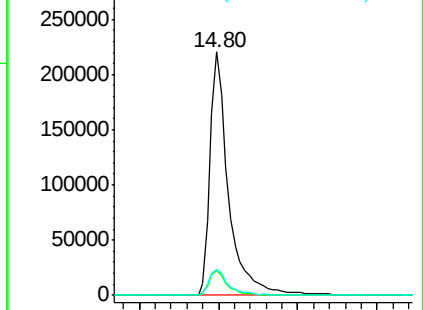
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095615.D
Acq: 2 Jun 2017 3:21

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2-COMP

Tgt Ion:188 Resp: 357208
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.8 10.2 15.2

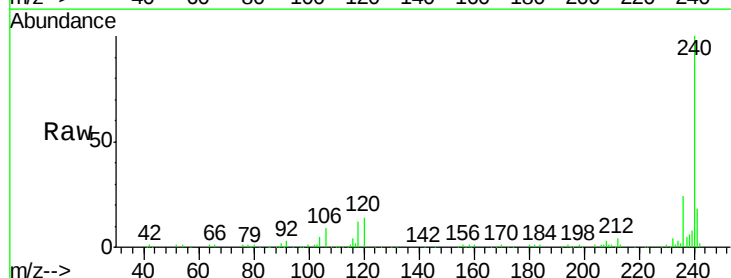


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

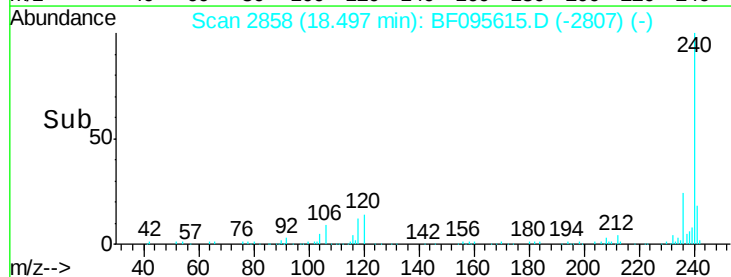
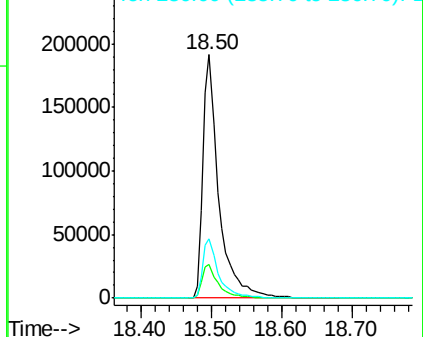


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095615.D
Acq: 2 Jun 2017 3:21

Tgt Ion:240 Resp: 301054
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.4 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

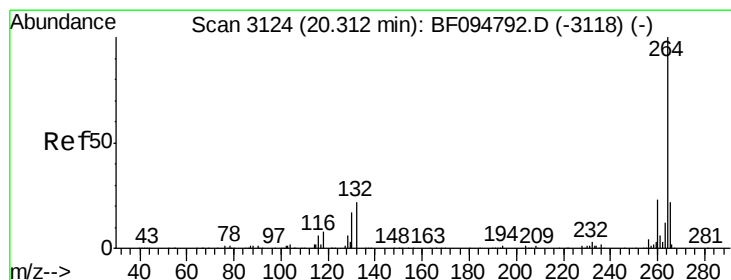
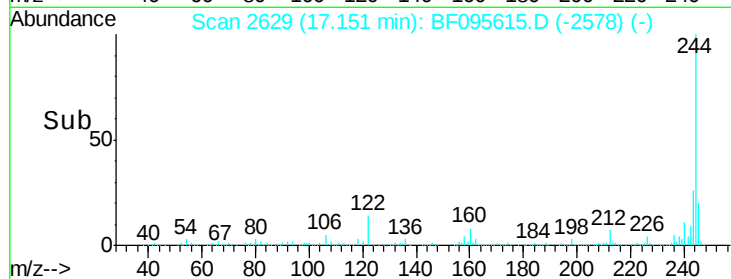
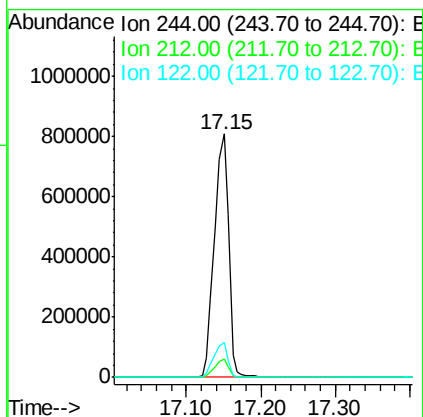
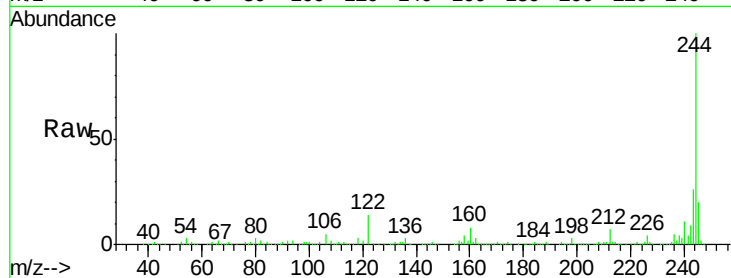




#78
 Terphenyl-d14
 Concen: 78.566 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2-COMP

Tgt Ion:244 Resp: 1073870
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095615.D
 Acq: 2 Jun 2017 3:21

Tgt Ion:264 Resp: 194544
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 17.2 25.8

