

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095706.D
 Acq On : 6 Jun 2017 13:32
 Operator : SJ/MA
 Sample : I3444-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Quant Time: Jun 06 17:15:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	93046	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	392804	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	203820	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	351018	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	336218	20.00	ng	-0.02
86) Perylene-d12	20.01	264	214489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	860292	147.33	ng	0.02
7) Phenol-d6	6.95	99	1005889	143.89	ng	-0.01
23) Nitrobenzene-d5	8.29	82	616329	97.45	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	278769	154.59	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1401863	95.71	ng	-0.02
78) Terphenyl-d14	17.01	244	1146523	84.63	ng	0.00

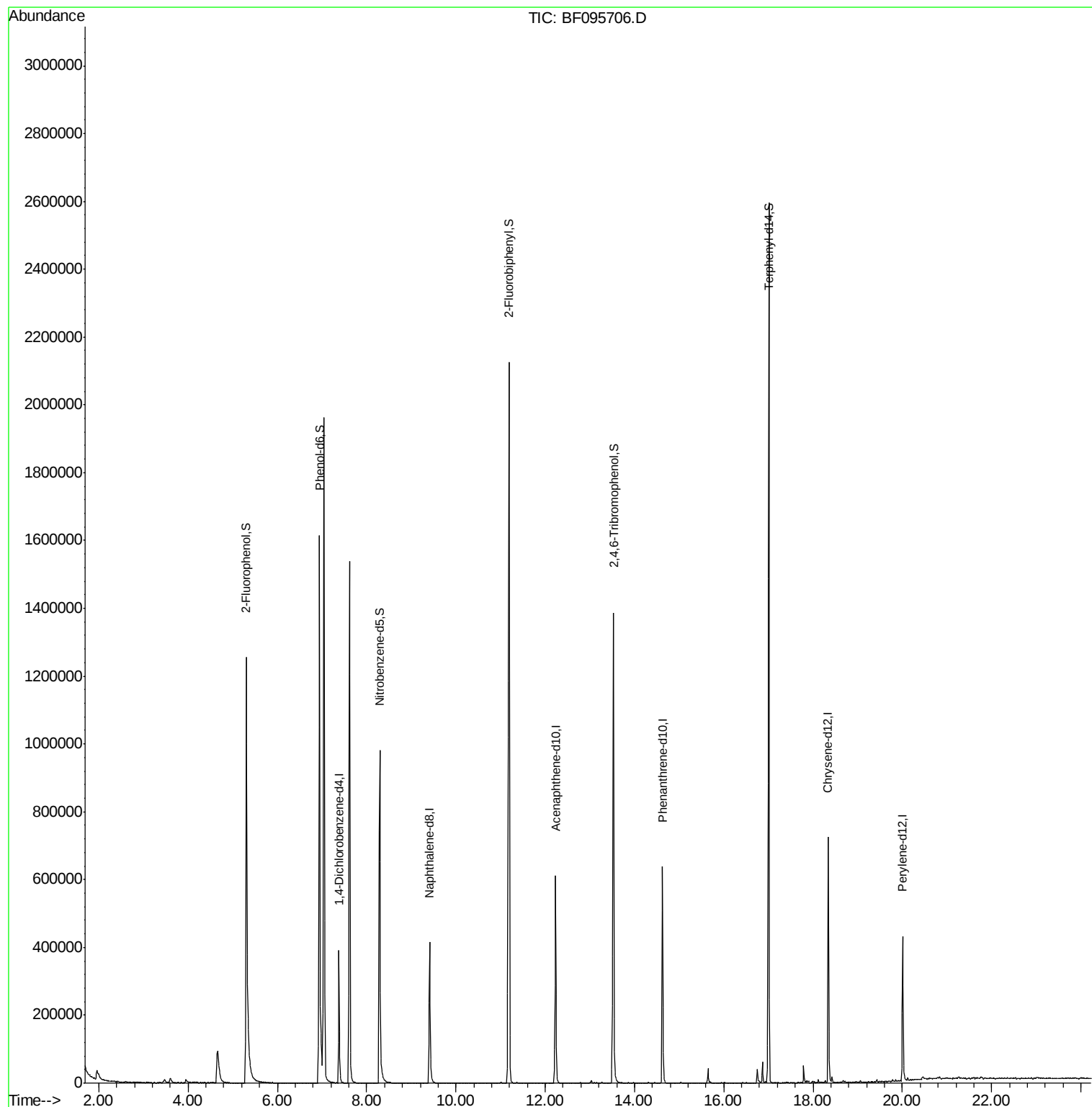
Target Compounds	Qvalue
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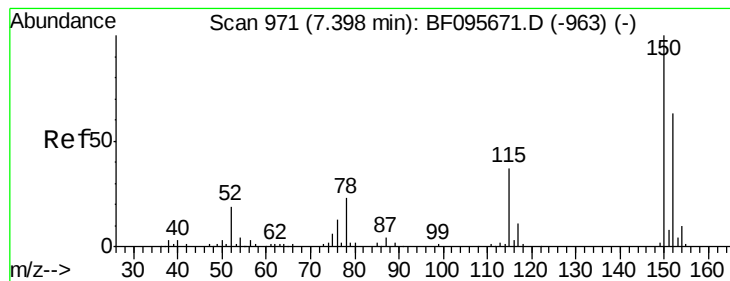
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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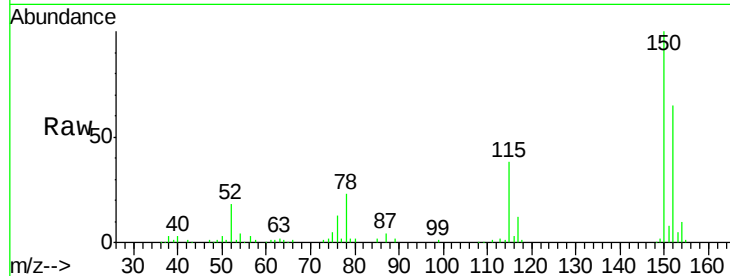


#1

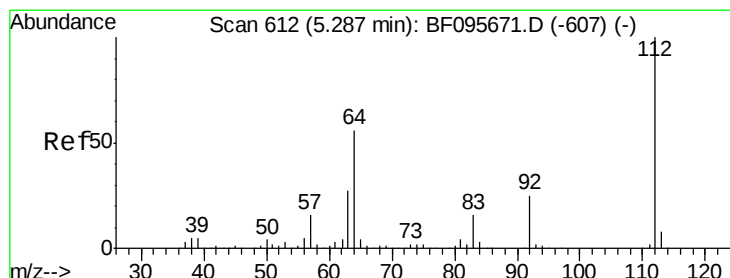
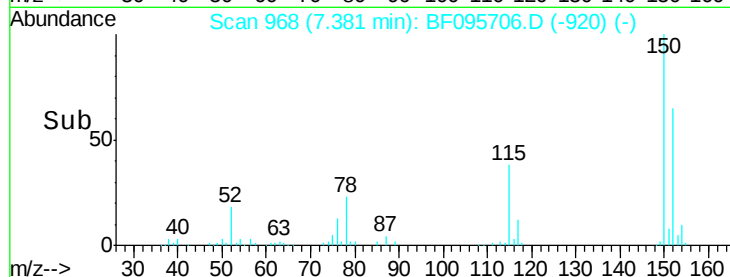
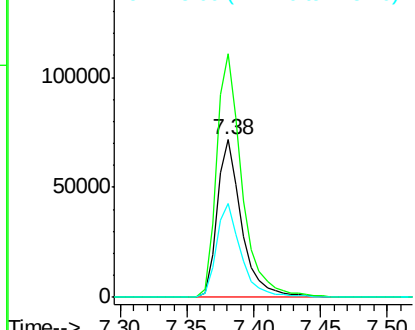
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Instrument :
BNA_F
ClientSampleId :
BU-RO-238-060117

Tgt Ion:152 Resp: 93046
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 59.4 52.2 78.2



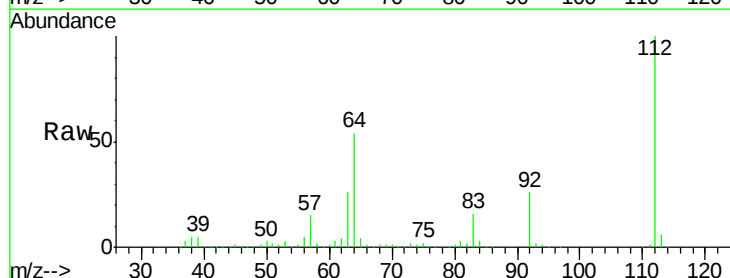
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



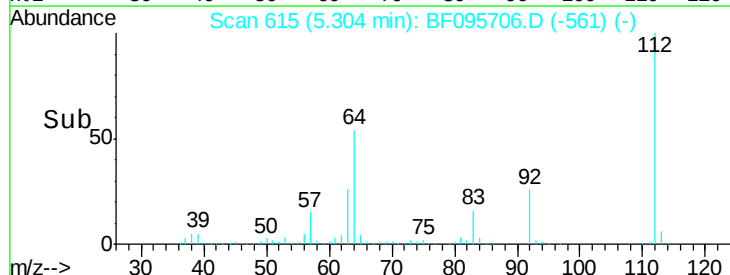
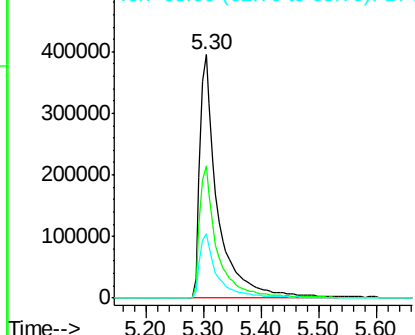
#5

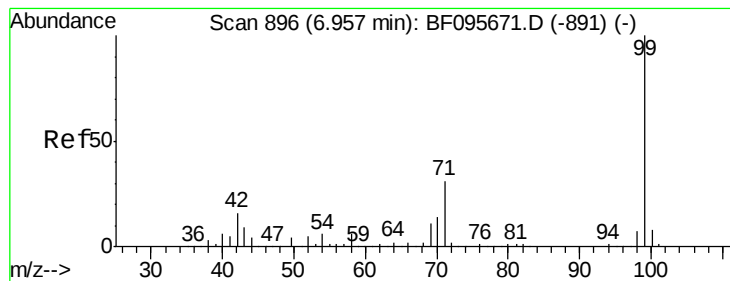
2-Fluorophenol
Concen: 147.329 ng
RT: 5.30 min Scan# 615
Delta R.T. 0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion:112 Resp: 860292
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 26.4 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: 143.892 ng

RT: 6.95 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Instrument :

BNA_F

ClientSampleId :

BU-RO-238-060117

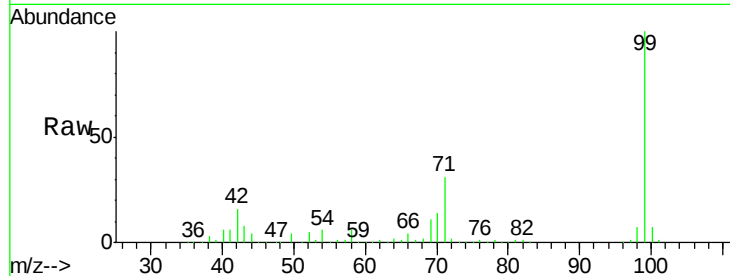
Tgt Ion: 99 Resp: 1005889

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

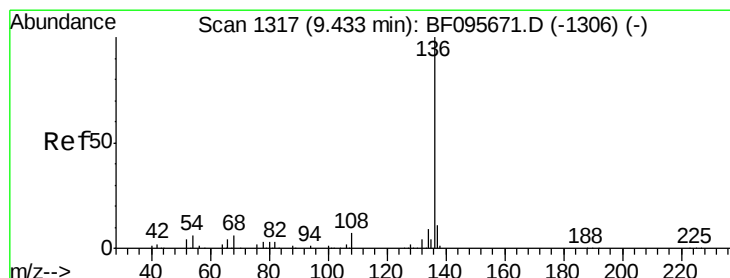
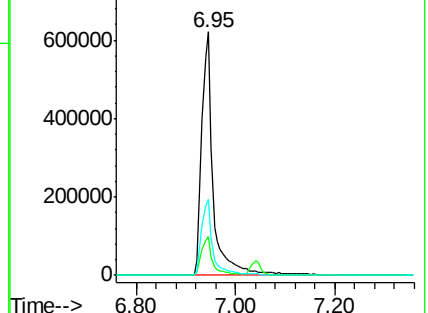
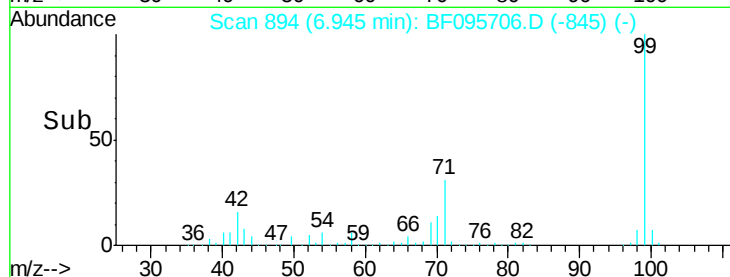
71 31.4 24.5 36.7



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: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095706.D

Acq: 6 Jun 2017 13:32

Tgt Ion: 136 Resp: 392804

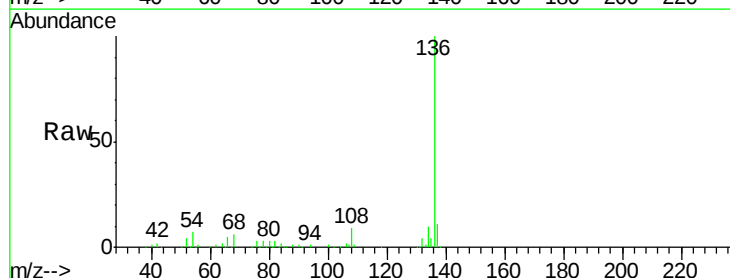
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 6.1 4.1 6.1#

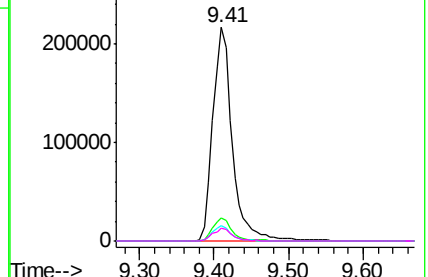
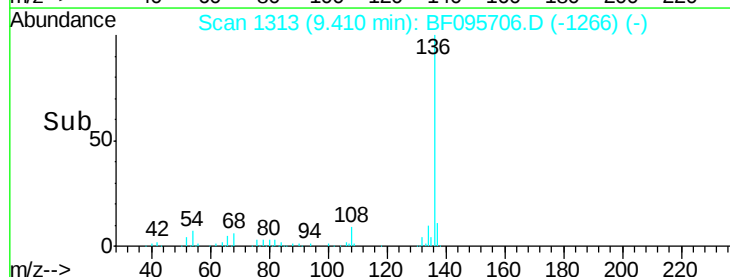


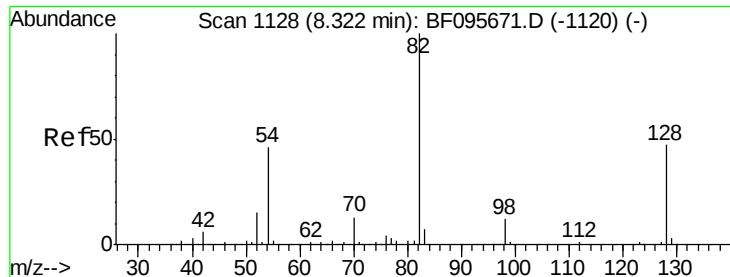
Abundance Ion 136.00 (135.70 to 136.70): E

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

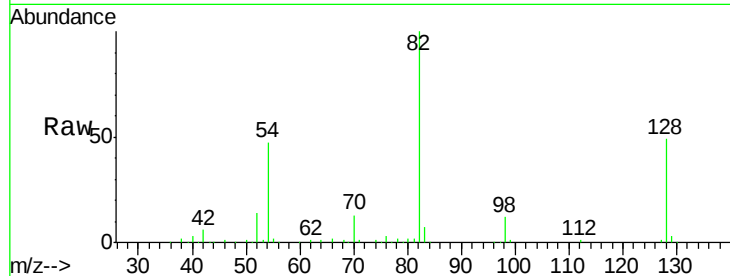




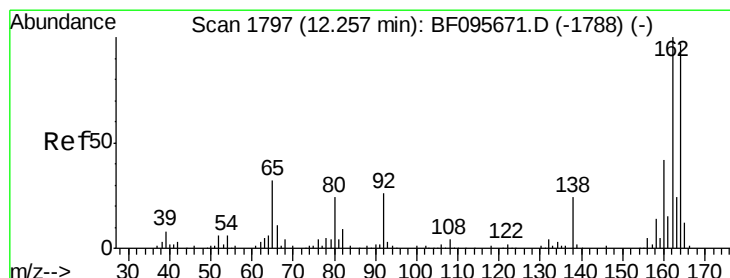
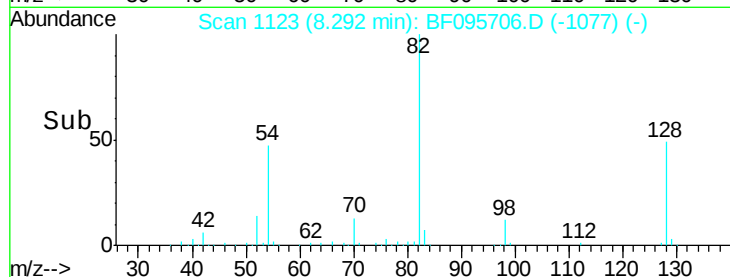
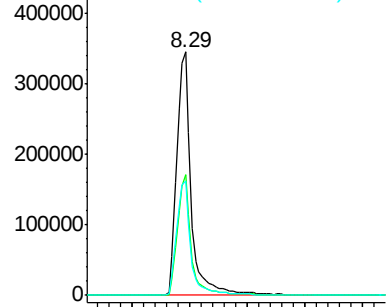
#23
Nitrobenzene-d5
Concen: 97.445 ng
RT: 8.29 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Instrument :
BNA_F
ClientSampleId :
BU-RO-238-060117

Tgt Ion: 82 Resp: 616329
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 46.7 42.2 63.2

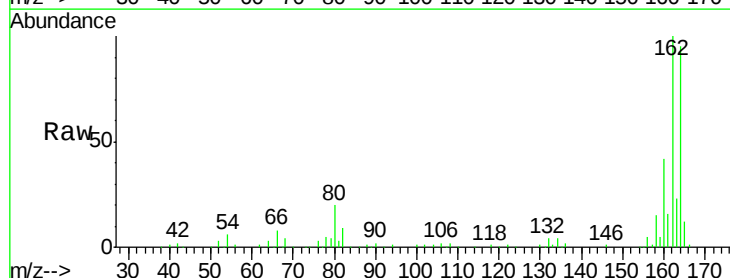


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

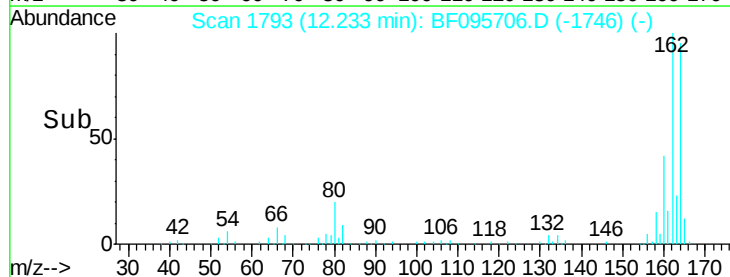
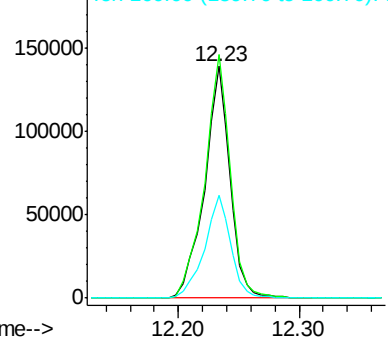


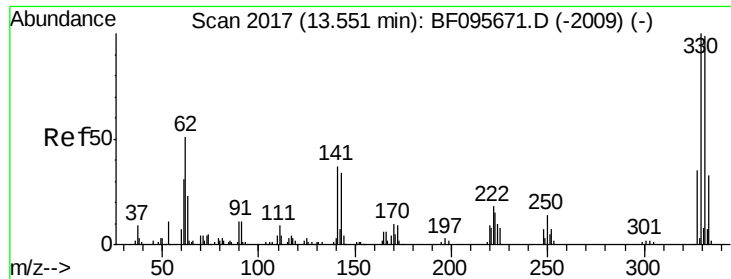
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion: 164 Resp: 203820
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.3 36.2 54.2



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

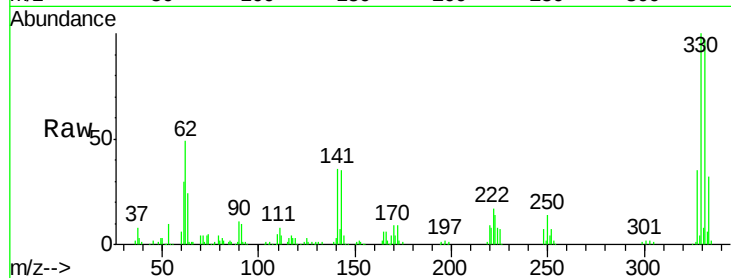




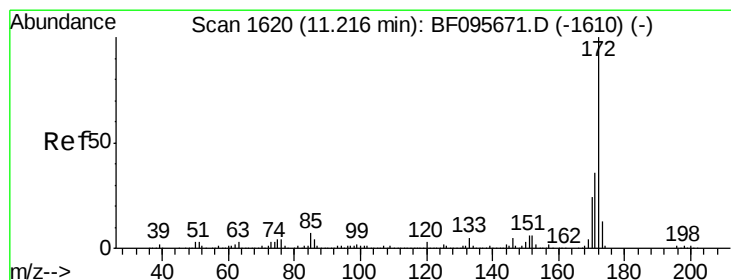
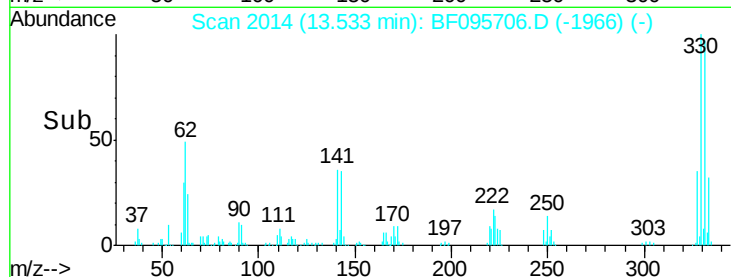
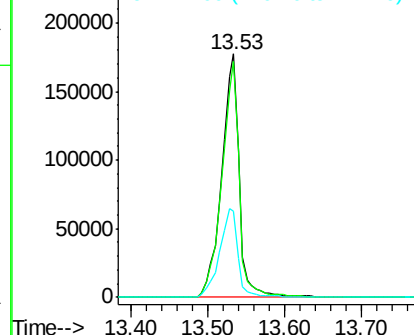
#41
 2,4,6-Tribromophenol
 Concen: 154.585 ng
 RT: 13.53 min Scan# 2014
 Delta R.T. -0.02 min
 Lab File: BF095706.D
 Acq: 6 Jun 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion:330 Resp: 278769
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.5 31.4 47.2

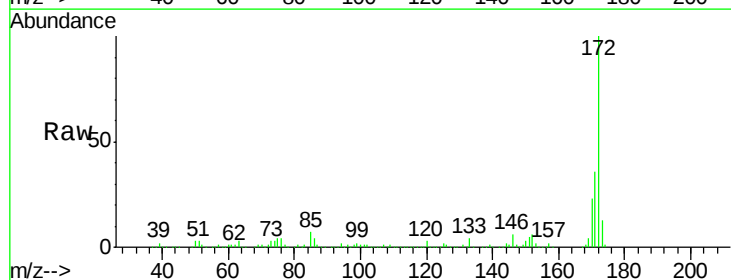


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

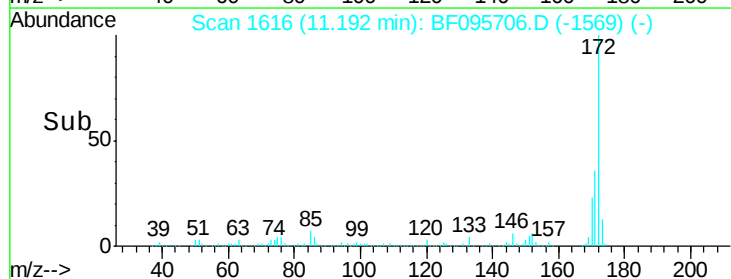
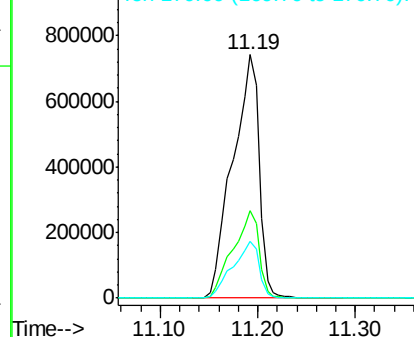


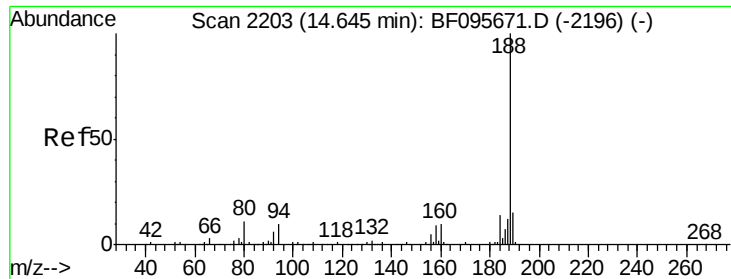
#44
 2-Fluorobiphenyl
 Concen: 95.712 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095706.D
 Acq: 6 Jun 2017 13:32

Tgt Ion:172 Resp: 1401863
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 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

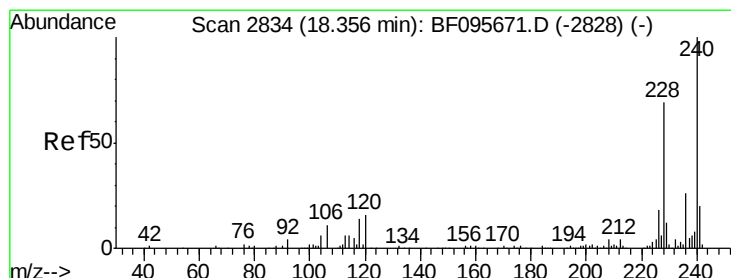
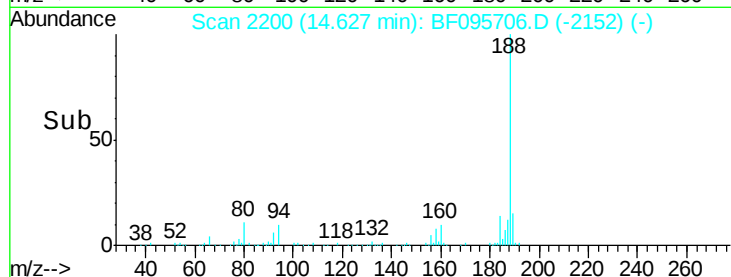
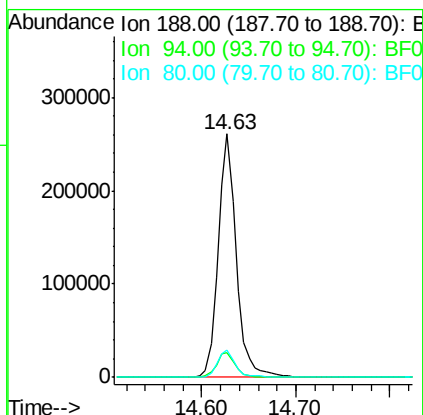
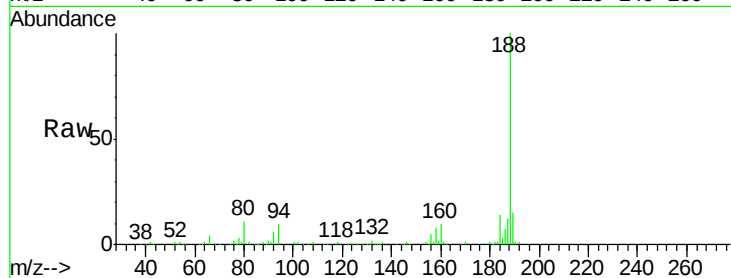




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

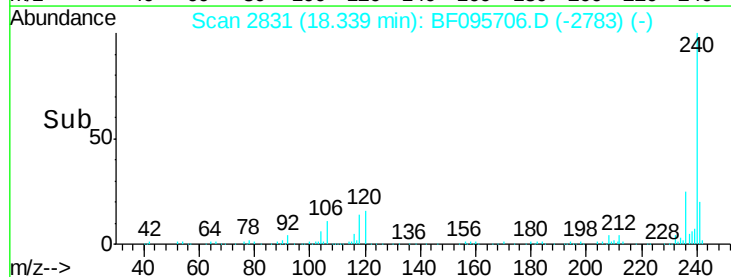
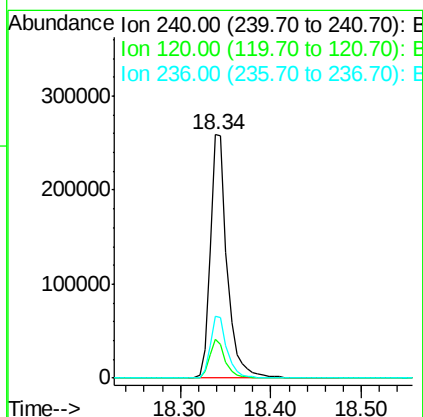
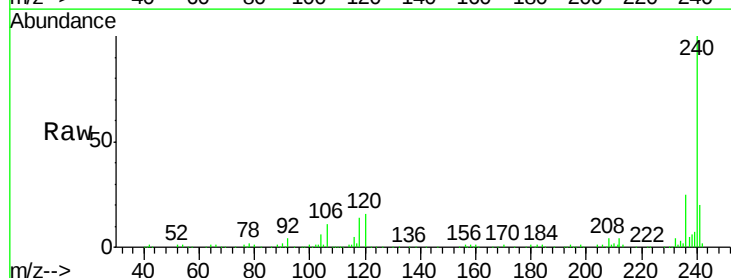
Instrument :
BNA_F
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BU-RO-238-060117

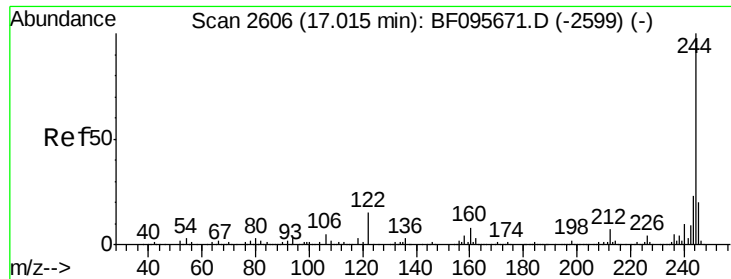
Tgt Ion:188 Resp: 351018
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095706.D
Acq: 6 Jun 2017 13:32

Tgt Ion:240 Resp: 336218
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.2 20.5 30.7

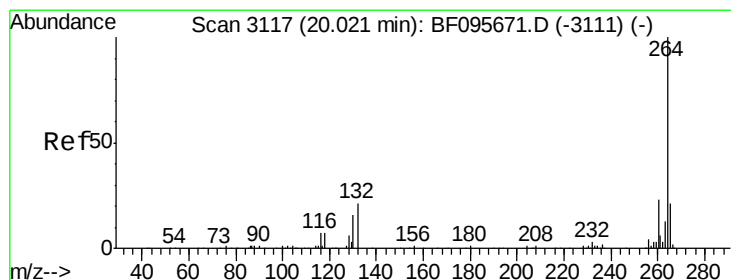
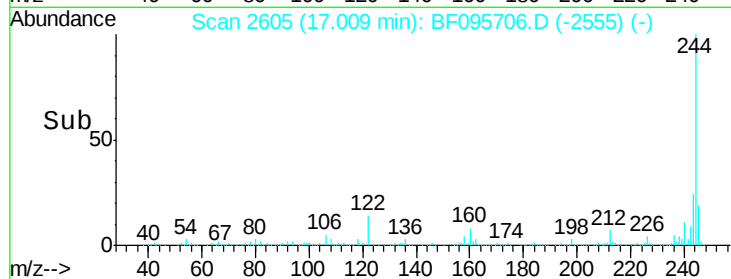
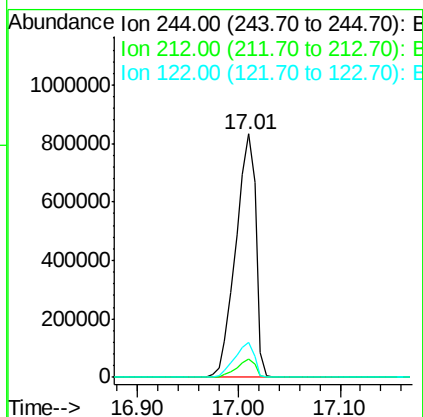
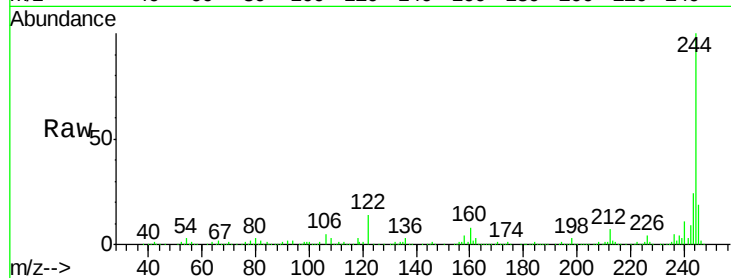




#78
 Terphenyl-d14
 Concen: 84.629 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095706.D
 Acq: 6 Jun 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion:244 Resp: 1146523
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.01 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BF095706.D
 Acq: 6 Jun 2017 13:32

Tgt Ion:264 Resp: 214489
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.0 17.2 25.8

