

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095709.D
 Acq On : 6 Jun 2017 15:08
 Operator : SJ/MA
 Sample : I3444-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-298-060117

Quant Time: Jun 06 17:19:37 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	86526	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	360869	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	174307	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	338102	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	297395	20.00	ng	-0.02
86) Perylene-d12	20.01	264	211747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	744713	137.15	ng	0.01
7) Phenol-d6	6.94	99	806052	123.99	ng	-0.02
23) Nitrobenzene-d5	8.29	82	496415	85.43	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	215179	139.53	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1041876	83.18	ng	-0.02
78) Terphenyl-d14	17.01	244	976533	81.49	ng	0.00

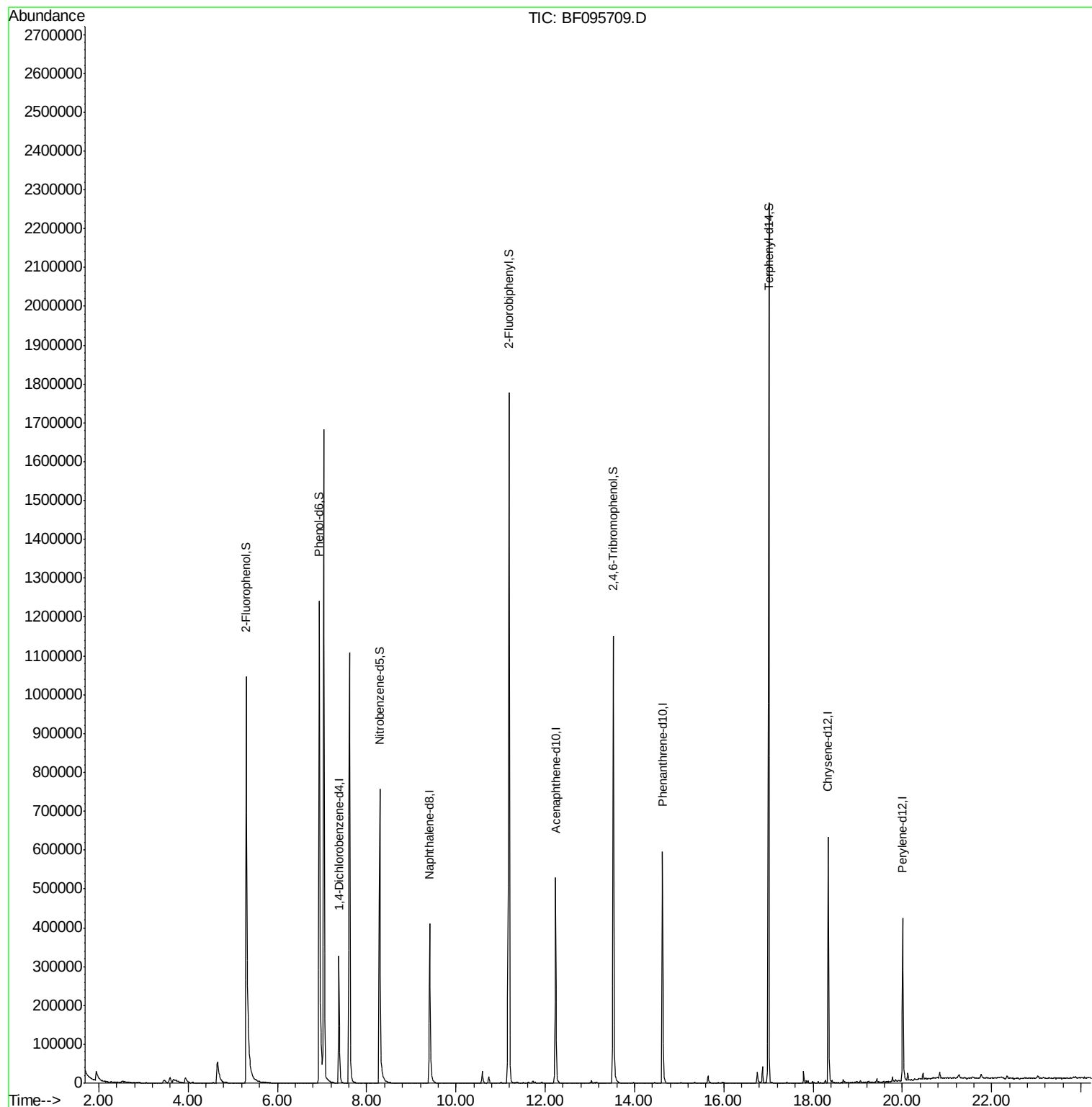
Target Compounds	Qvalue
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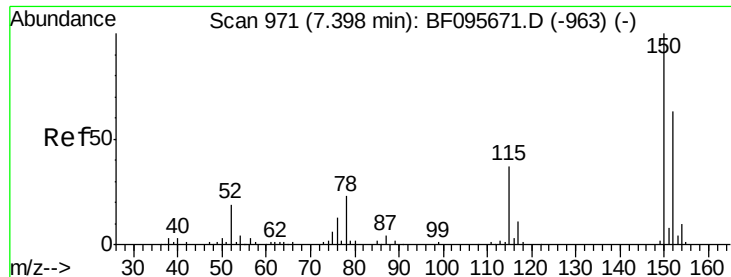
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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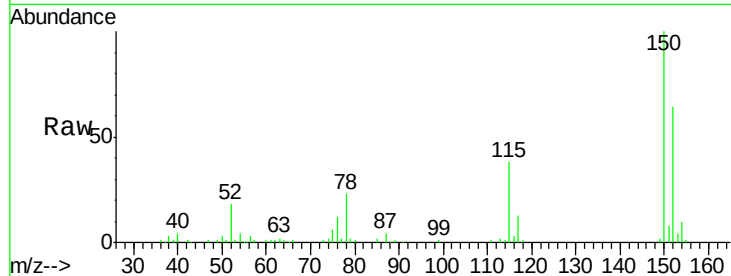


#1

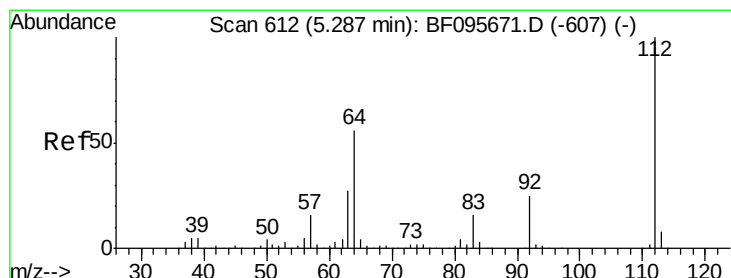
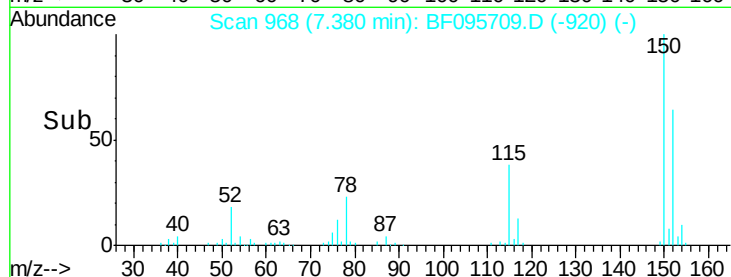
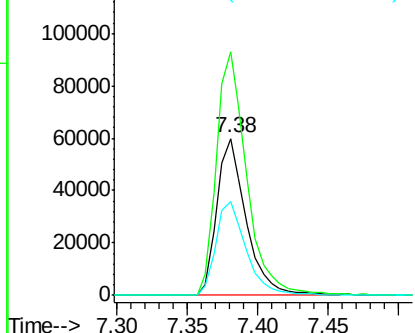
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.38 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-298-060117

Tgt Ion:152 Resp: 86526
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 59.6 52.2 78.2



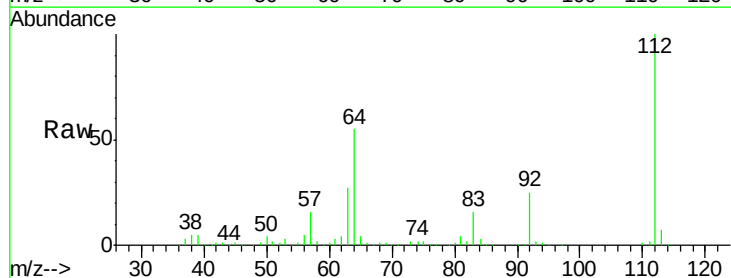
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



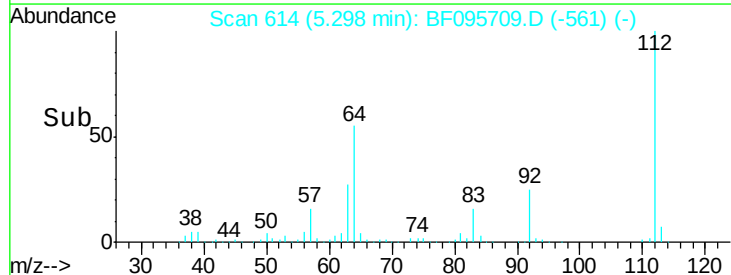
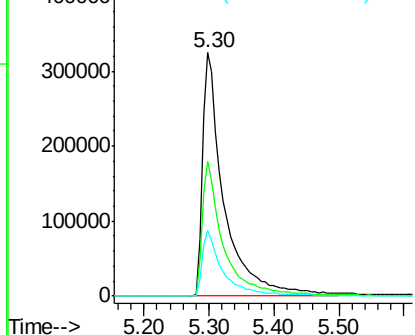
#5

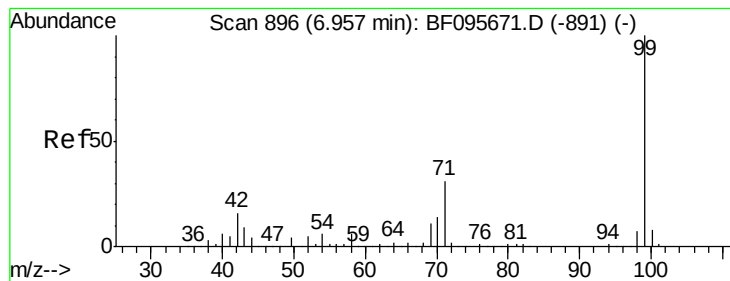
2-Fluorophenol
 Concen: 137.145 ng
 RT: 5.30 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:112 Resp: 744713
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.1 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: 123.994 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Instrument :

BNA_F

ClientSampleId :

BU-RO-298-060117

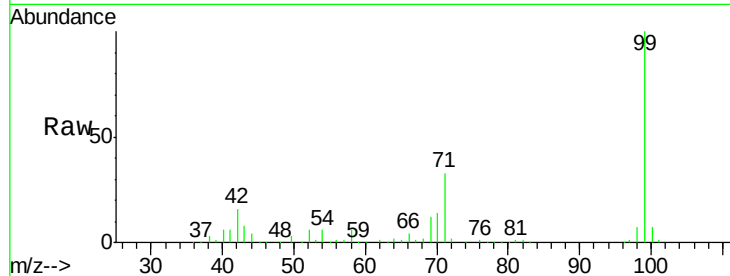
Tgt Ion: 99 Resp: 806052

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

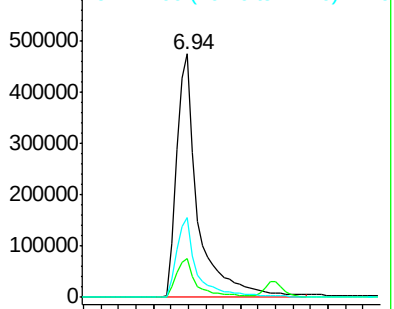
71 32.7 24.5 36.7



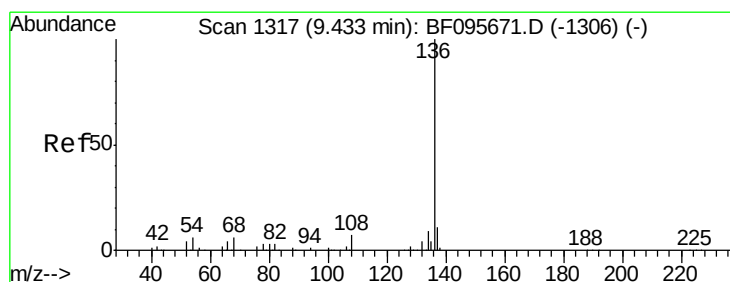
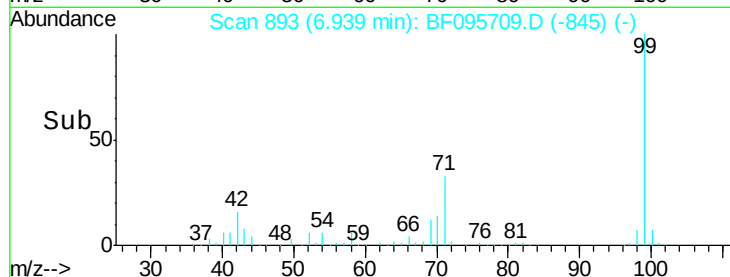
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Tgt Ion: 136 Resp: 360869

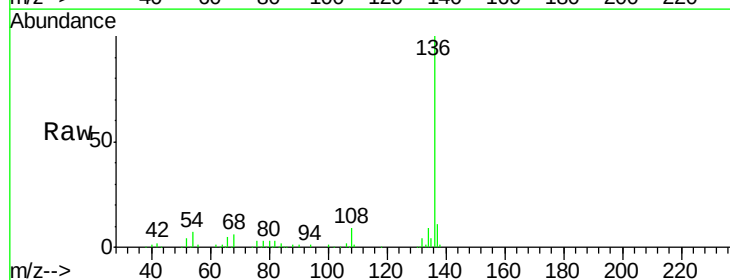
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

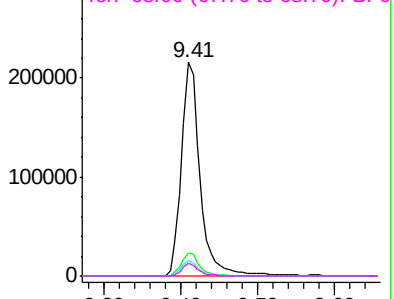


Abundance Ion 136.00 (135.70 to 136.70): E

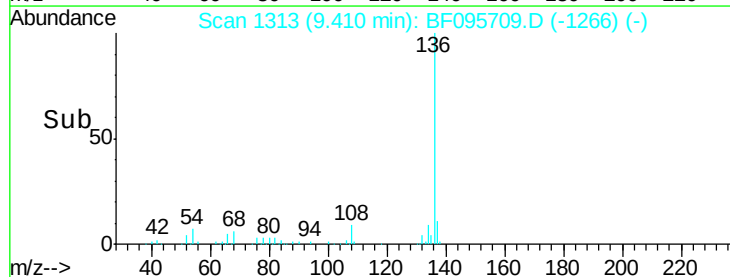
Ion 137.00 (136.70 to 137.70): E

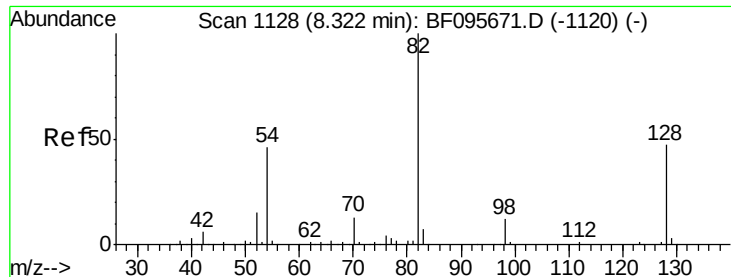
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

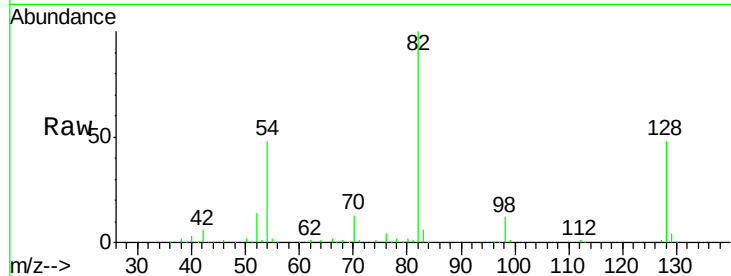




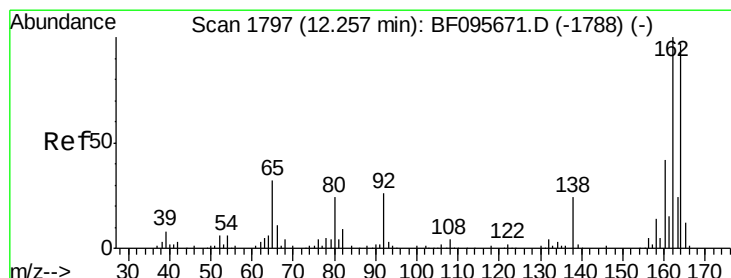
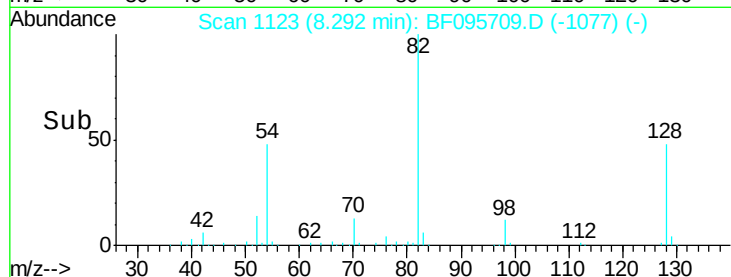
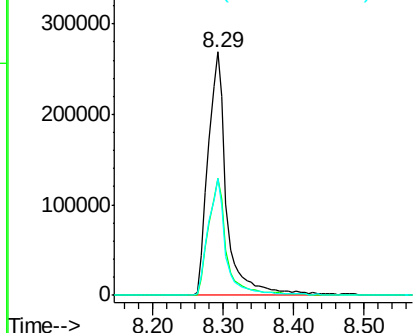
#23
 Nitrobenzene-d5
 Concen: 85.432 ng
 RT: 8.29 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-298-060117

Tgt Ion: 82 Resp: 496415
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 48.2 42.2 63.2

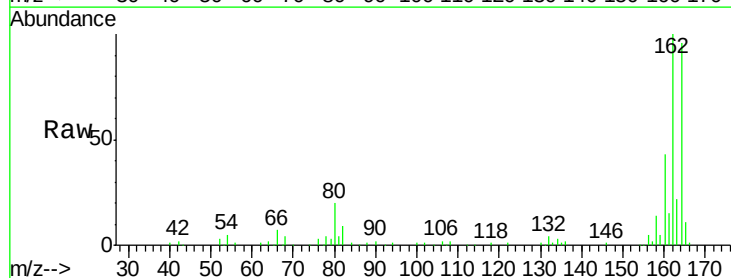


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

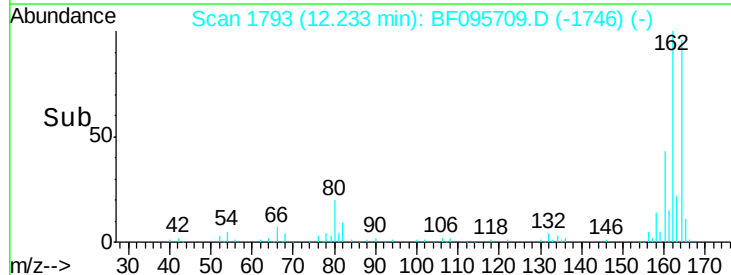
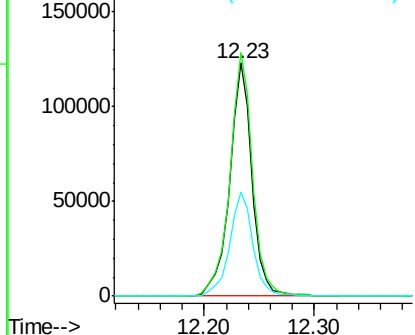


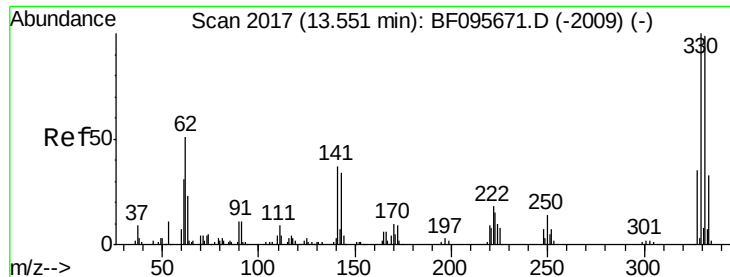
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.23 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion: 164 Resp: 174307
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 44.6 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

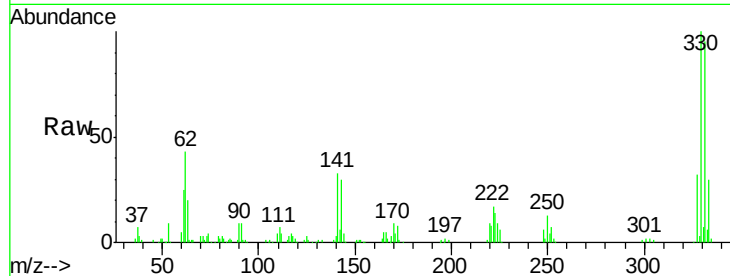




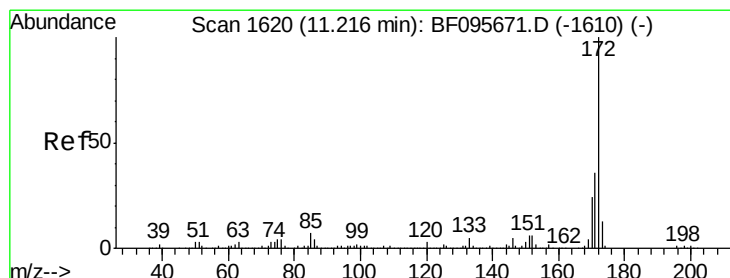
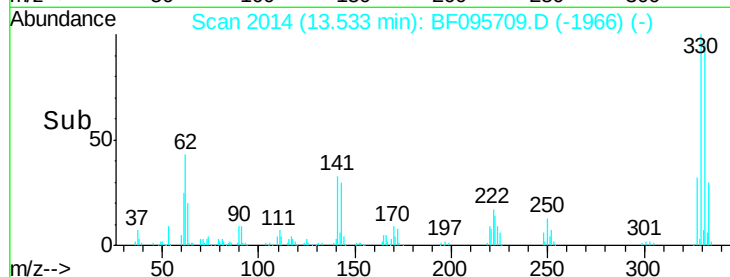
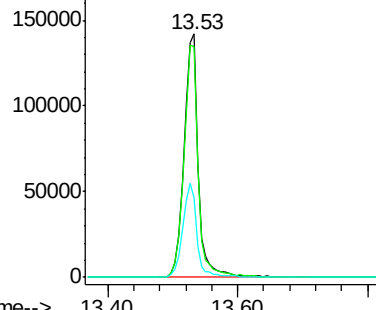
#41
 2,4,6-Tribromophenol
 Concen: 139.526 ng
 RT: 13.53 min Scan# 2014
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-298-060117

Tgt Ion:330 Resp: 215179
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.1 31.4 47.2

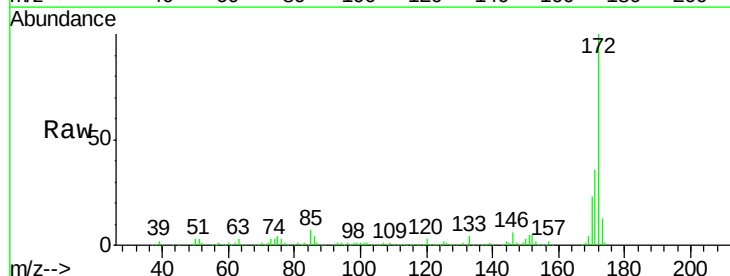


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

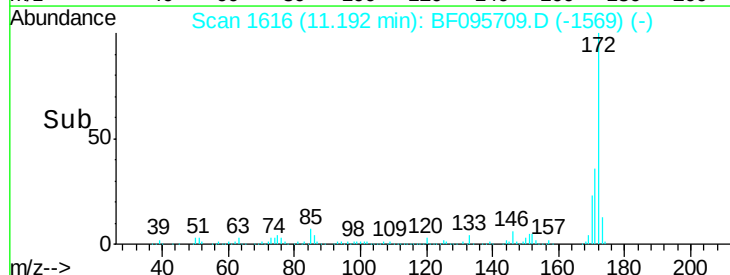
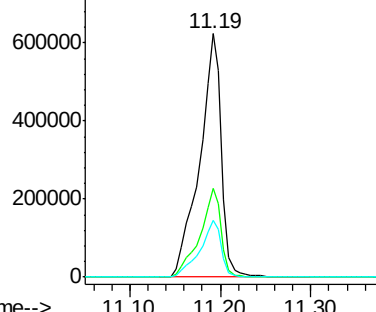


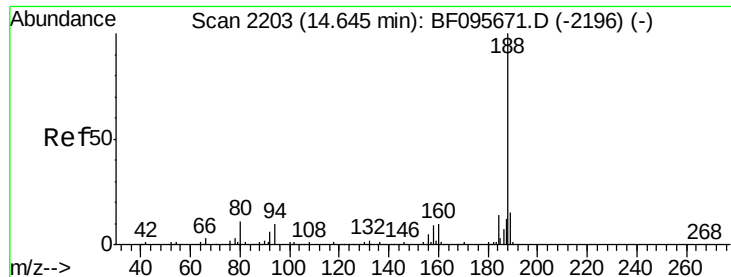
#44
 2-Fluorobiphenyl
 Concen: 83.178 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:172 Resp: 1041876
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.2 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

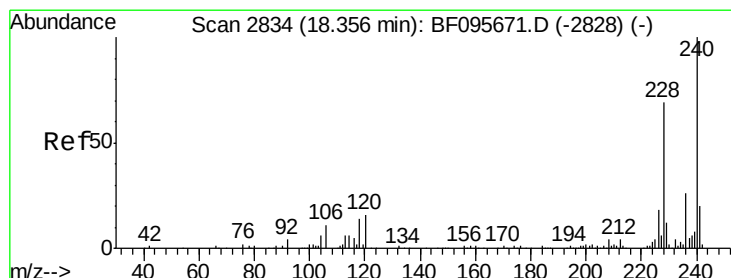
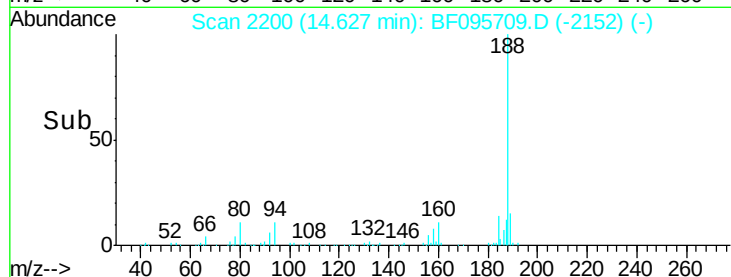
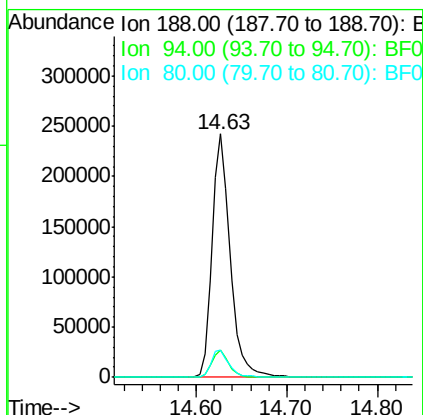
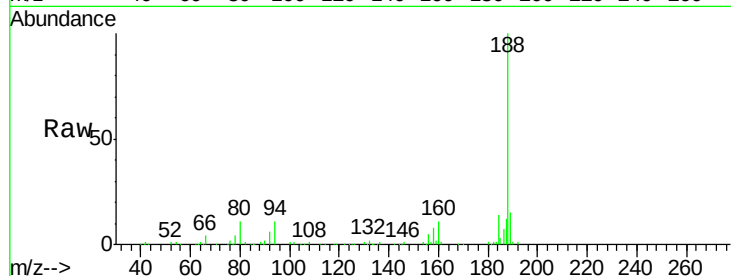




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095709.D
Acq: 6 Jun 2017 15:08

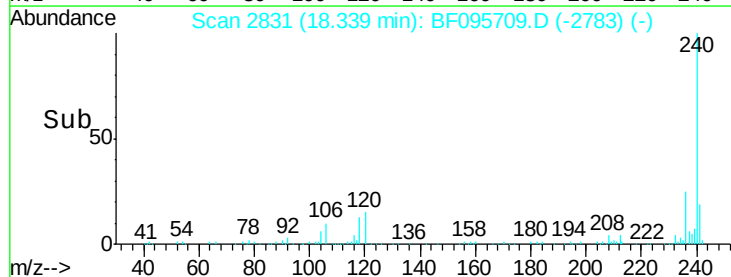
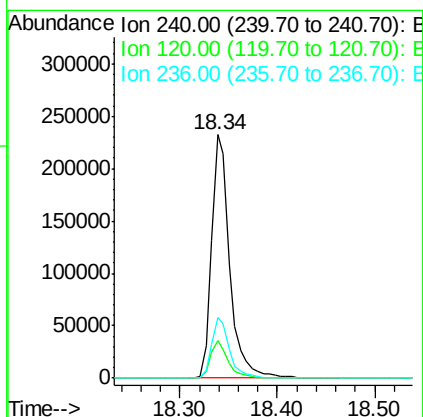
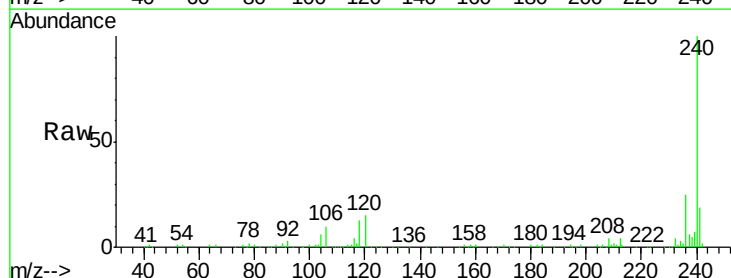
Instrument :
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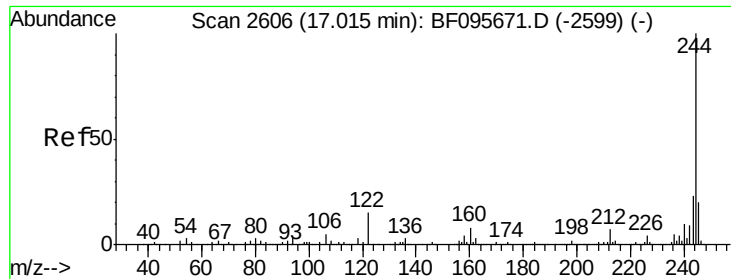
Tgt Ion:188 Resp: 338102
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095709.D
Acq: 6 Jun 2017 15:08

Tgt Ion:240 Resp: 297395
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 24.9 20.5 30.7

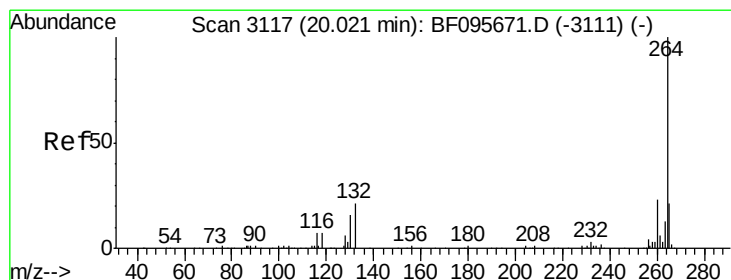
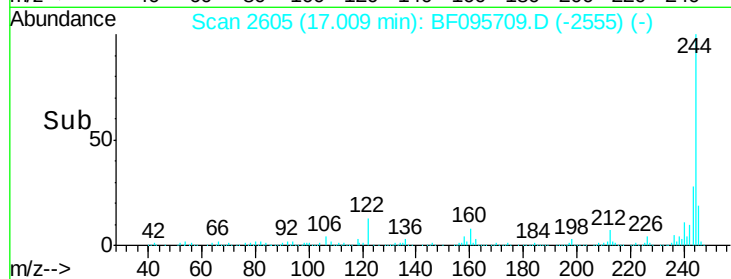
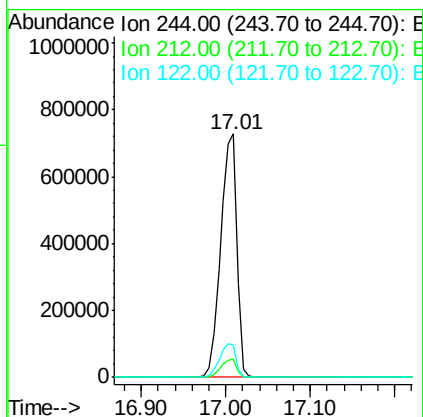
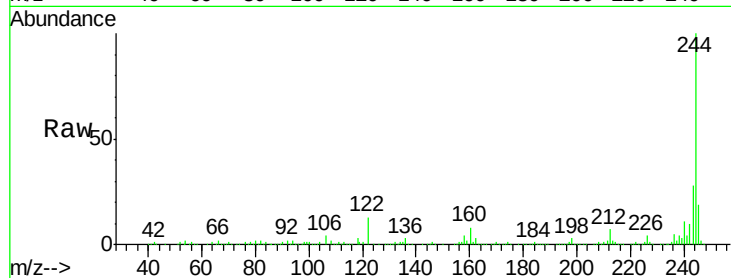




#78
 Terphenyl-d14
 Concen: 81.491 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-298-060117

Tgt Ion:244 Resp: 976533
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.3 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: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:264 Resp: 211747
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.2 17.2 25.8

