

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095760.D
 Acq On : 7 Jun 2017 22:43
 Operator : SJ/MA
 Sample : I3488-10 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-RO-211757-060517

Quant Time: Jun 08 05:45:48 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	73099	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	289514	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	116450	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	172224	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	144631	20.00	ng	-0.01
86) Perylene-d12	20.01	264	103284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	64920	14.15	ng	0.00
7) Phenol-d6	6.96	99	82633	15.05	ng	0.00
23) Nitrobenzene-d5	8.30	82	45512	9.76	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	13708	13.30	ng	-0.01
44) 2-Fluorobiphenyl	11.19	172	106337	12.71	ng	-0.02
78) Terphenyl-d14	17.01	244	64556	11.08	ng	0.00

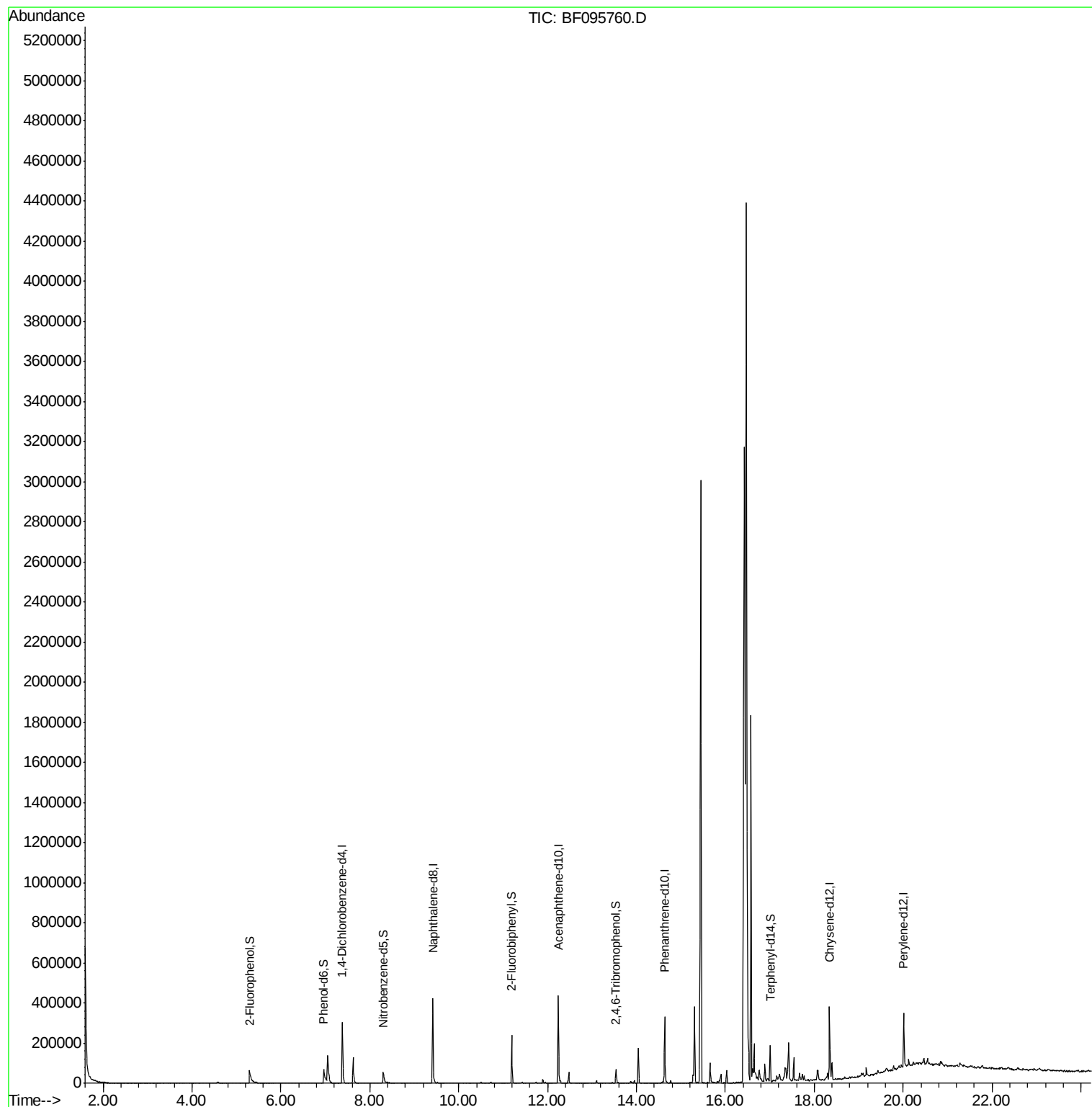
Target Compounds Qvalue

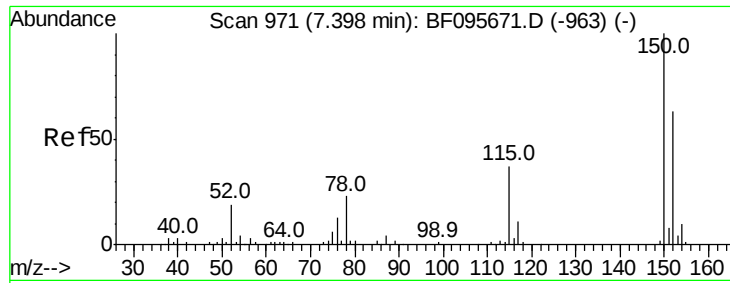
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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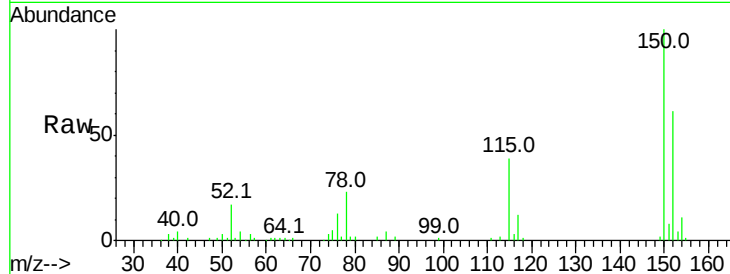


#1

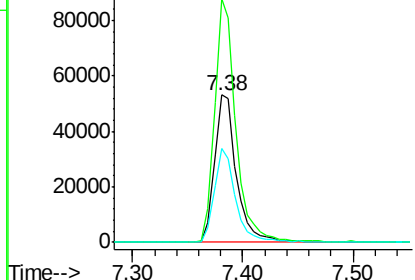
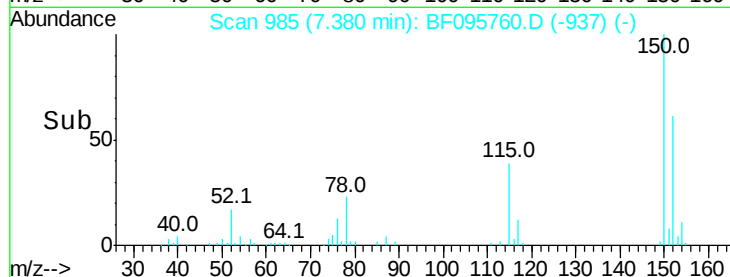
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 TR-RO-211757-060517

Tot Ion:152 Resp: 73099
 Ion Ratio Lower Upper
 152 100
 150 165.2 126.2 189.2
 115 63.7 52.2 78.2



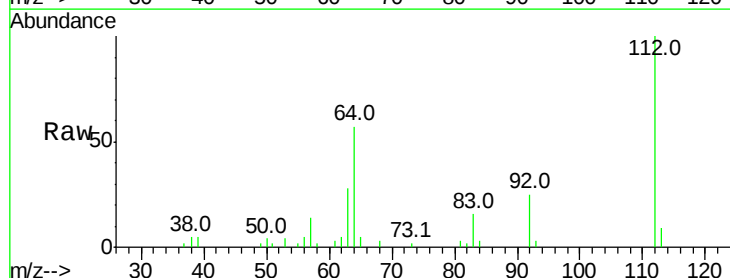
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



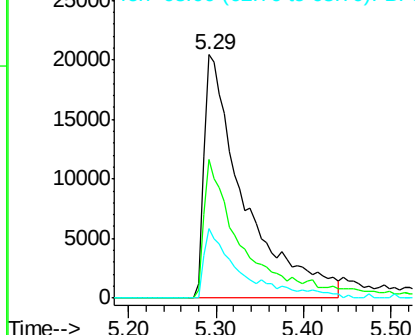
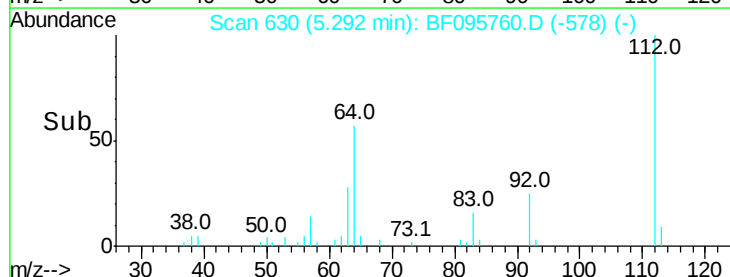
#5

2-Fluorophenol
 Concen: 14.15 ng
 RT: 5.29 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Tgt Ion:112 Resp: 64920
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.0 69.0
 63 28.3 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: 15.05 ng

RT: 6.96 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF095760.D

Acq: 7 Jun 2017 22:43

Instrument :

BNA_F

ClientSampleId :

TR-RO-211757-060517

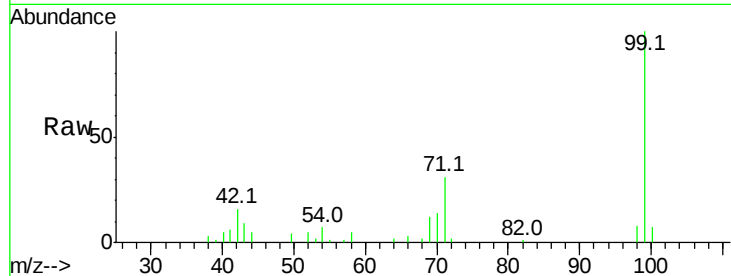
Tot Ion: 99 Resp: 82633

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

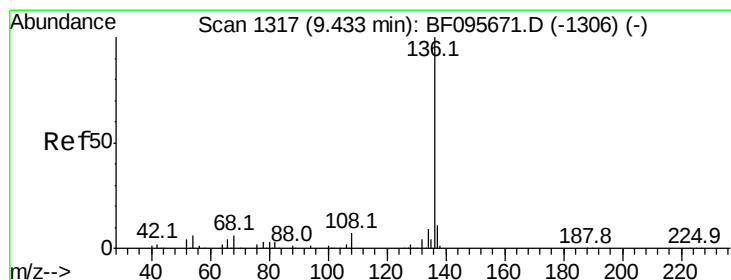
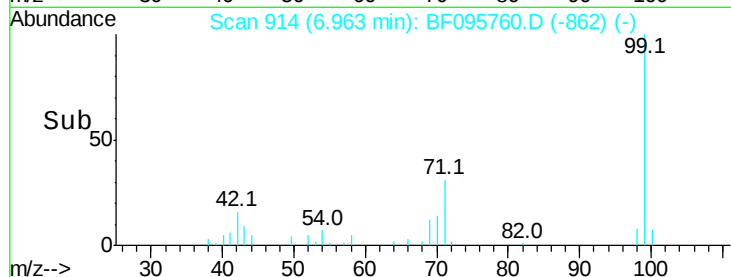
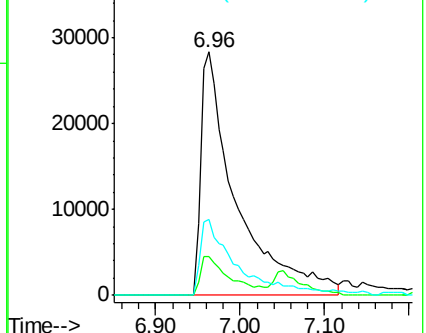
71 31.3 24.5 36.7



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: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095760.D

Acq: 7 Jun 2017 22:43

Tgt Ion: 136 Resp: 289514

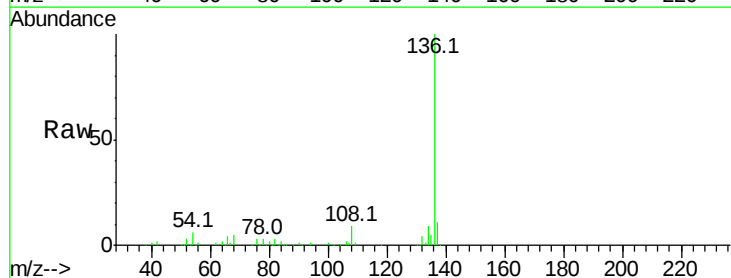
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.4 4.9 7.3

68 5.1 4.1 6.1

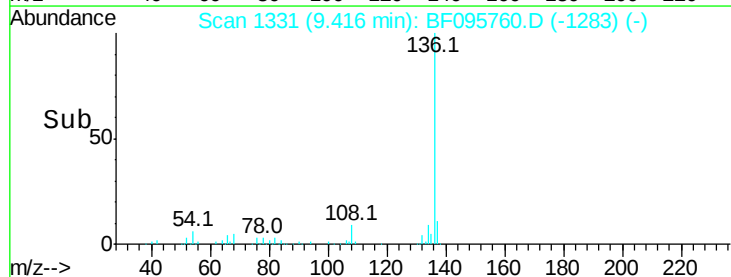
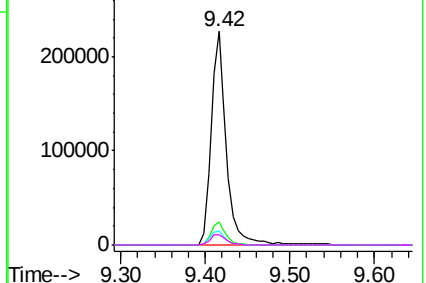


Abundance Ion 136.00 (135.70 to 136.70): E

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

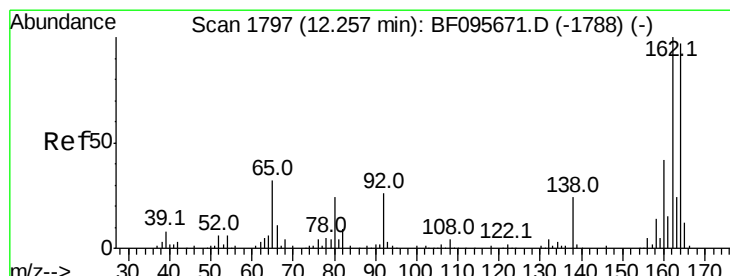
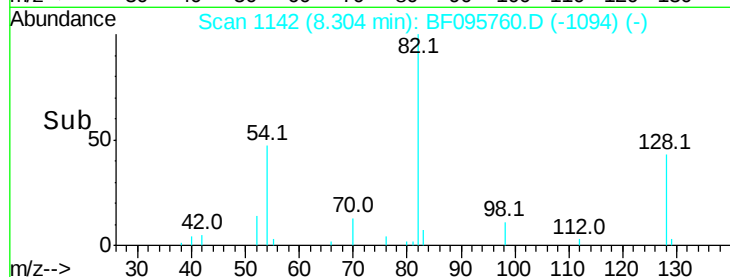
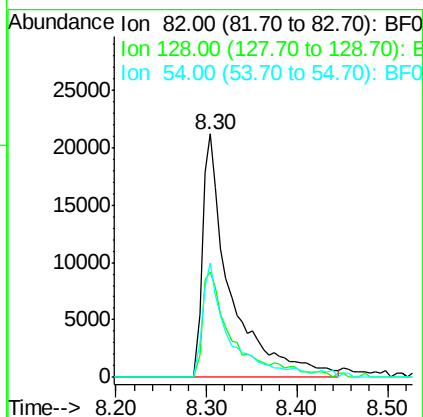
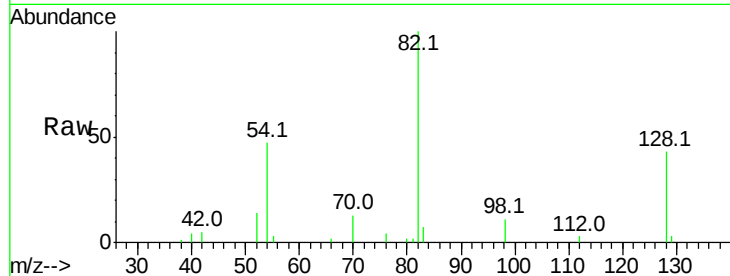




#23
 Nitrobenzene-d5
 Concen: 9.76 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

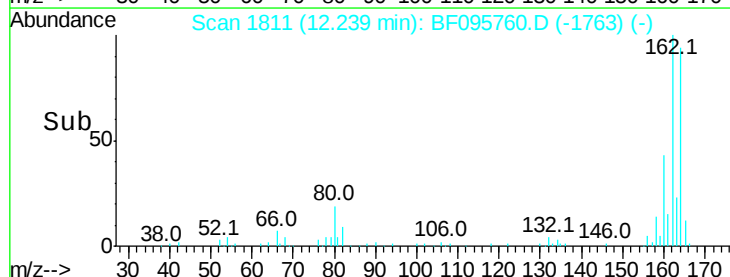
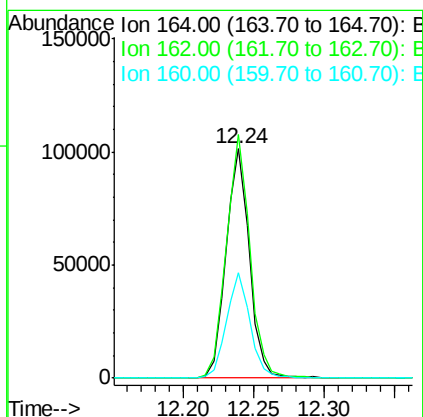
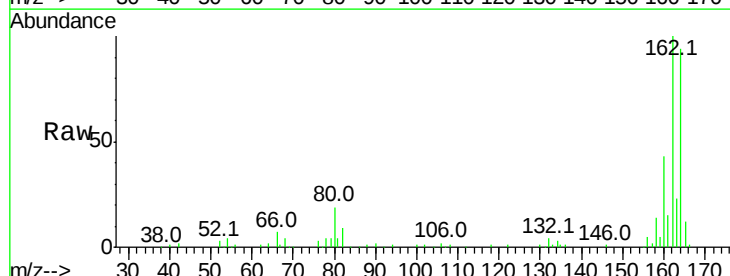
Instrument :
 BNA_F
 ClientSampleId :
 TR-RO-211757-060517

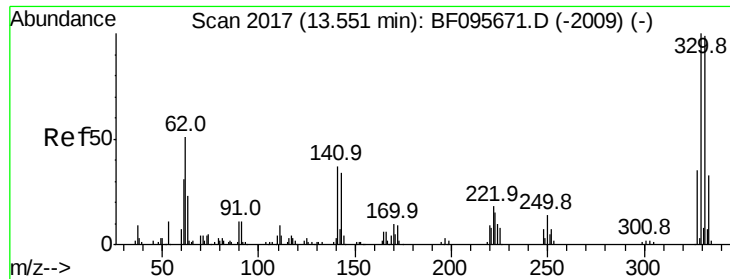
Tot Ion: 82 Resp: 45512
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Tgt Ion: 164 Resp: 116450
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.6 123.8
 160 45.8 36.2 54.2

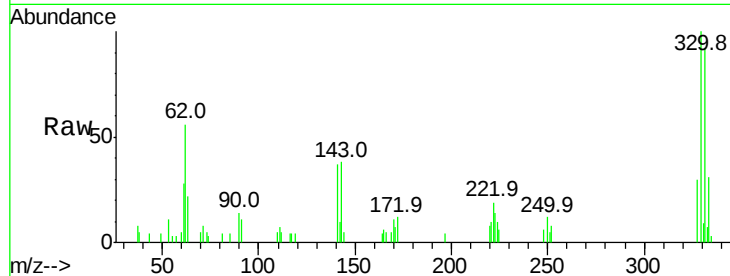




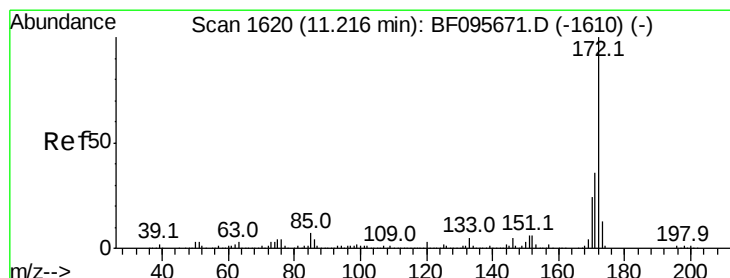
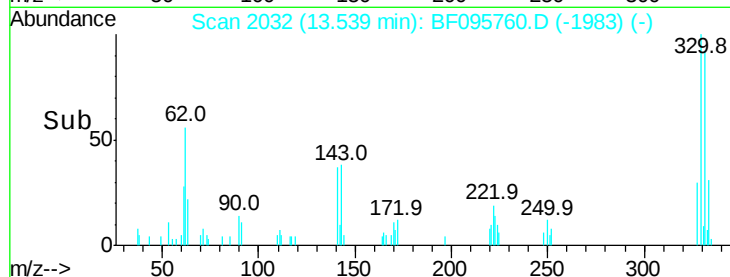
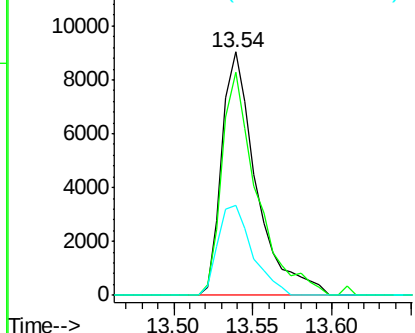
#41
 2,4,6-Tribromophenol
 Concen: 13.30 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 TR-RO-211757-060517

Tot Ion:330 Resp: 13708
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.6 115.0
 141 37.0 31.4 47.2

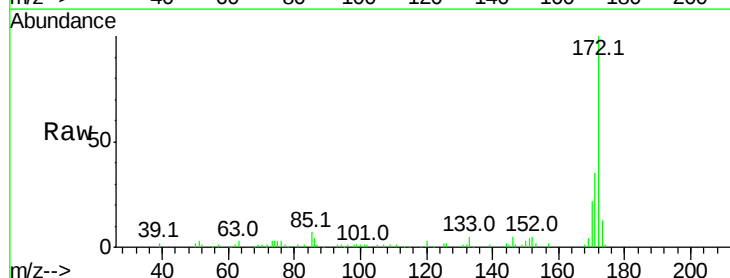


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

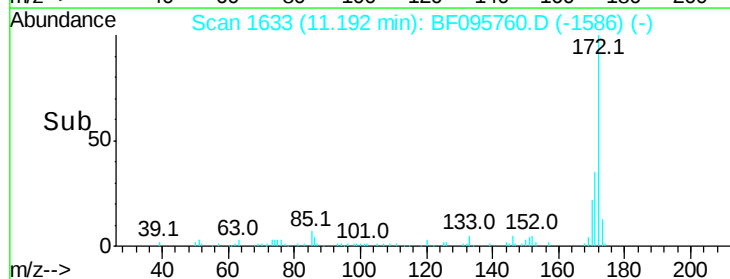
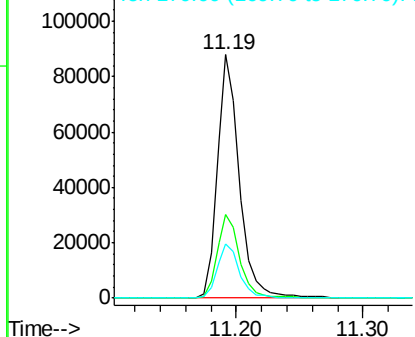


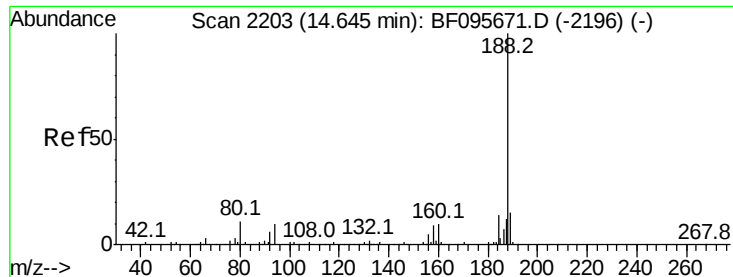
#44
 2-Fluorobiphenyl
 Concen: 12.71 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Tgt Ion:172 Resp: 106337
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 22.2 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

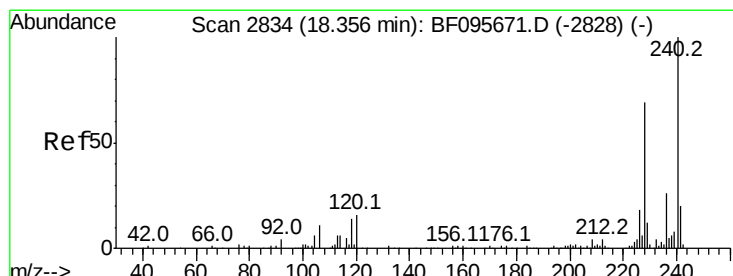
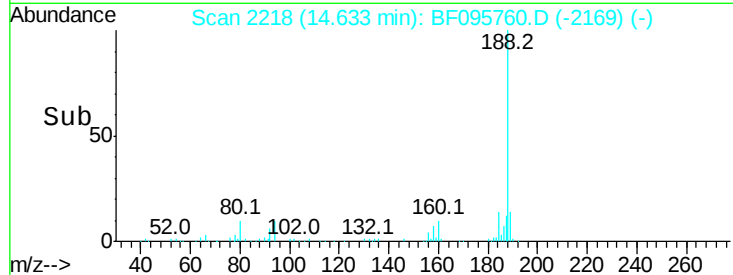
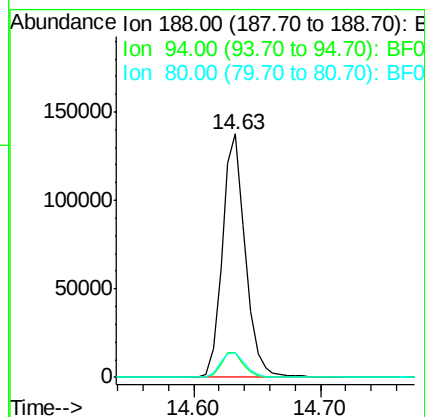
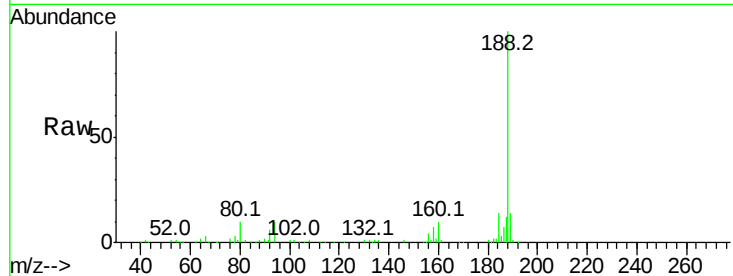




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095760.D
Acq: 7 Jun 2017 22:43

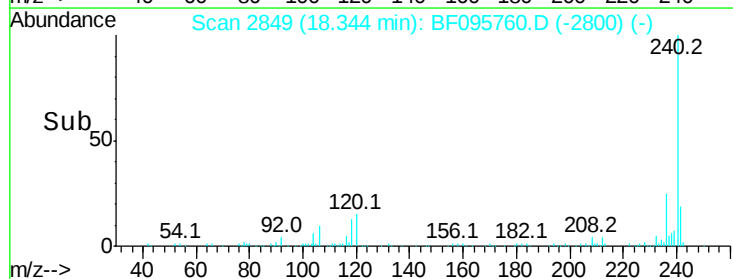
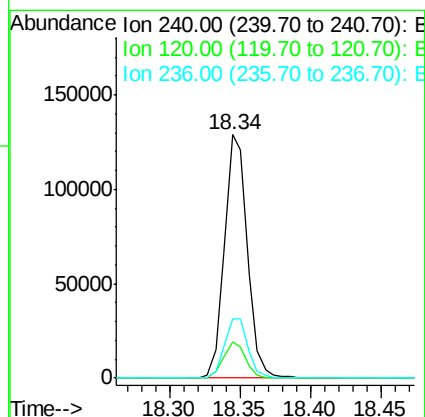
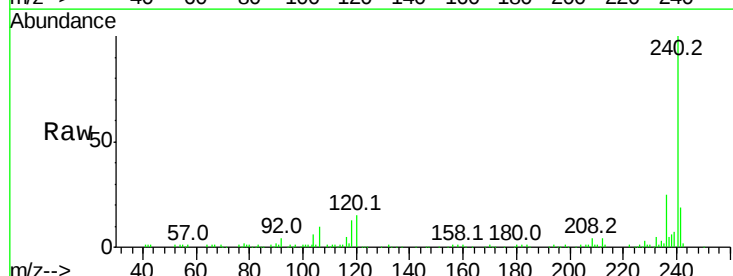
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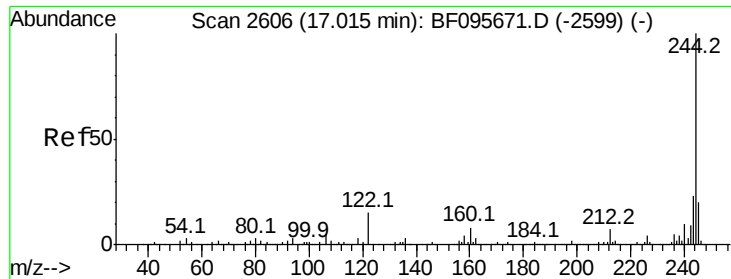
Tot Ion:188 Resp: 172224
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095760.D
Acq: 7 Jun 2017 22:43

Tgt Ion:240 Resp: 144631
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 24.6 20.5 30.7

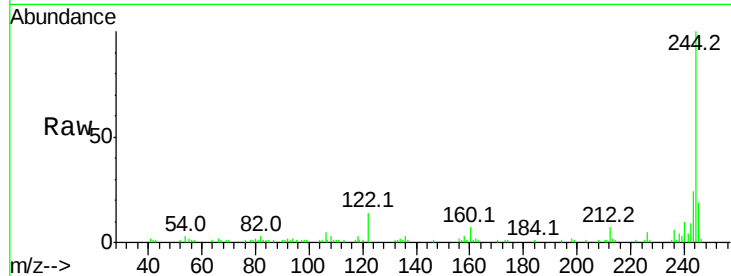




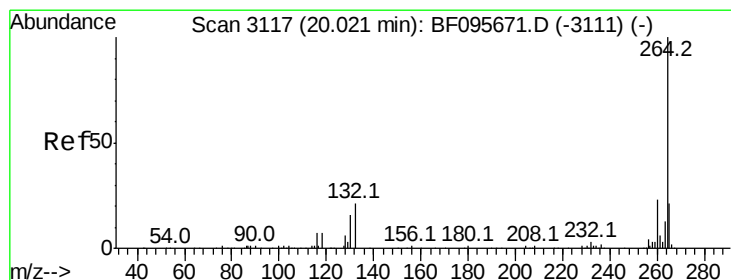
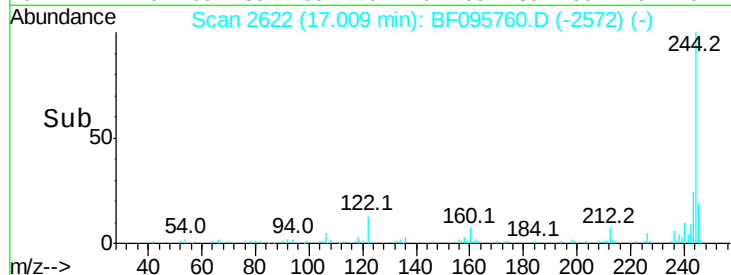
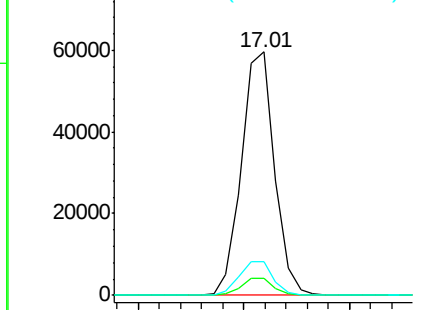
#78
 Terphenyl-d14
 Concen: 11.08 ng
 RT: 17.01 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 TR-RO-211757-060517

Tot Ion:244 Resp: 64556
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.8 10.3 15.5

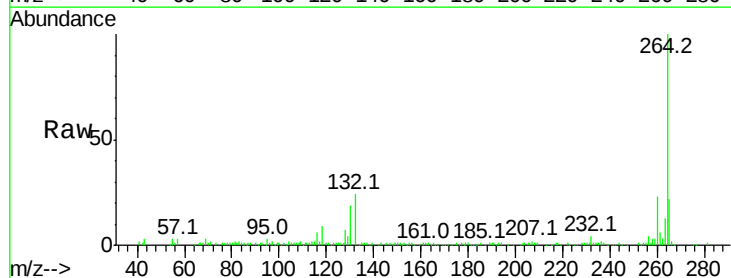


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095760.D
 Acq: 7 Jun 2017 22:43

Tgt Ion:264 Resp: 103284
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 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

