

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095691.D
 Acq On : 6 Jun 2017 00:50
 Operator : SJ/MA
 Sample : I3466-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-230-060217

Quant Time: Jun 06 03:01:50 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

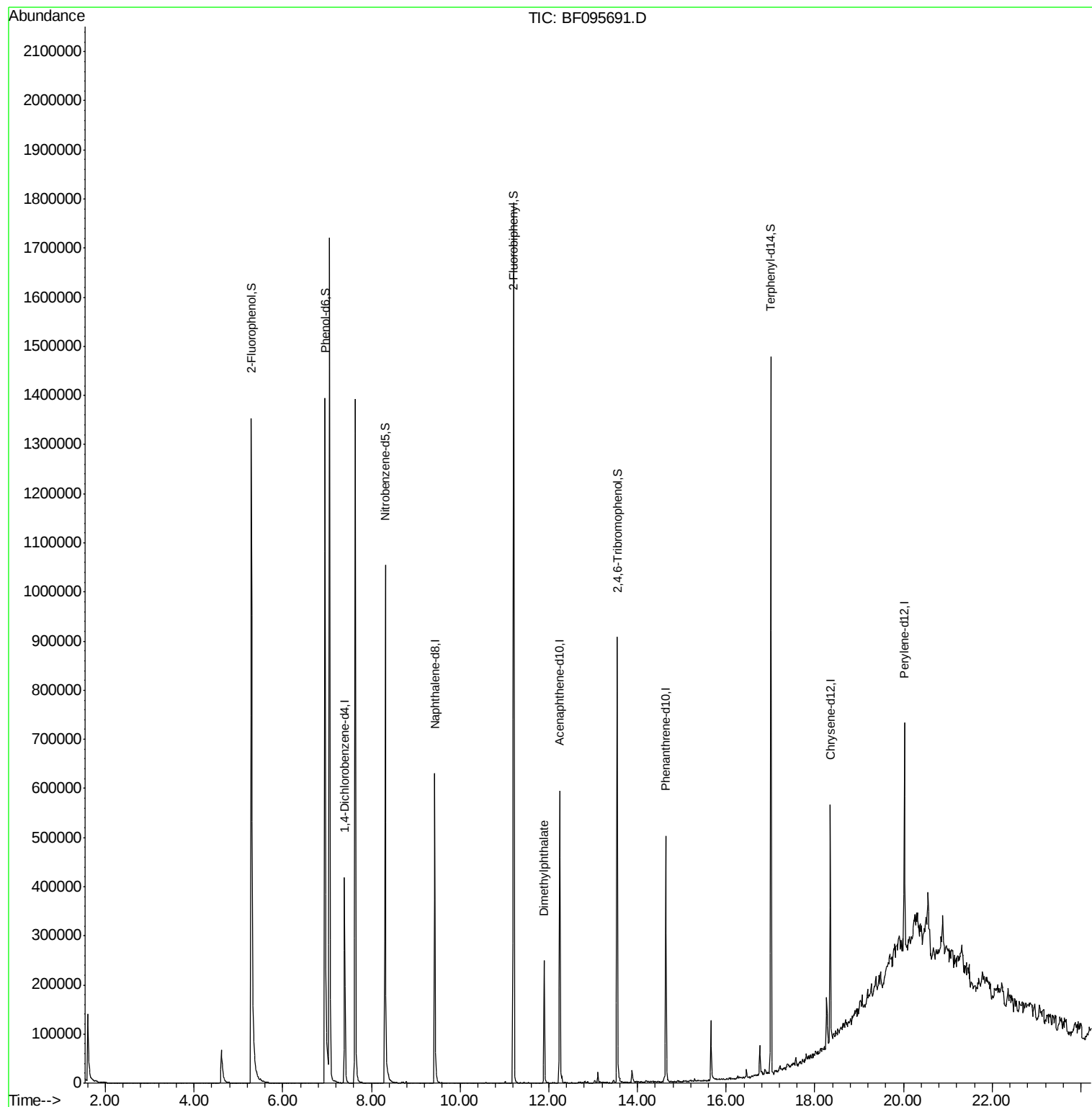
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	98720	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	435705	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	159456	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	262501	20.00	ng	0.00
75) Chrysene-d12	18.35	240	209985	20.00	ng	0.00
86) Perylene-d12	20.02	264	175432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	773925	124.92	ng	0.00
7) Phenol-d6	6.95	99	825244	111.27	ng	0.00
23) Nitrobenzene-d5	8.31	82	515814	73.52	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	143750	101.89	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	804682	70.22	ng	0.00
78) Terphenyl-d14	17.01	244	547801	64.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.90	163	152946	12.633	ng	Qvalue 98

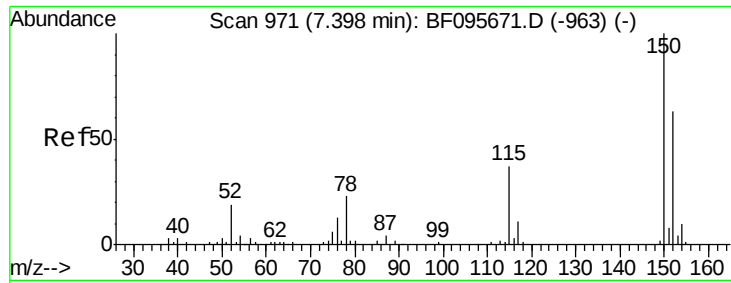
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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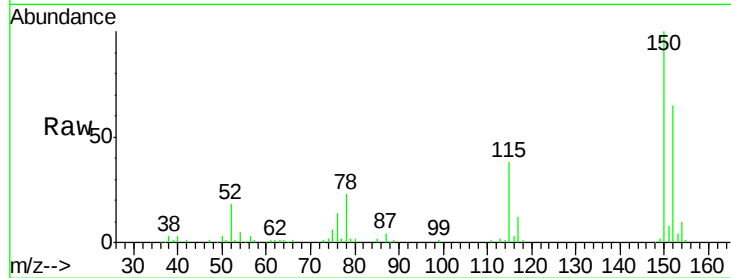


#1

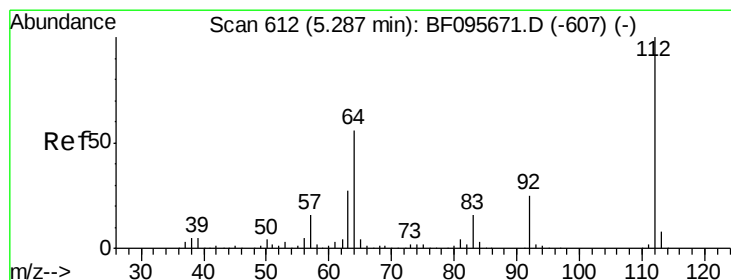
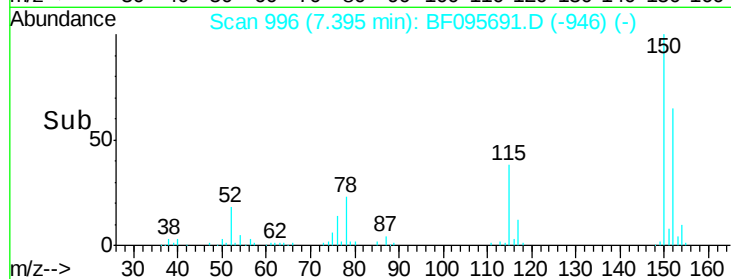
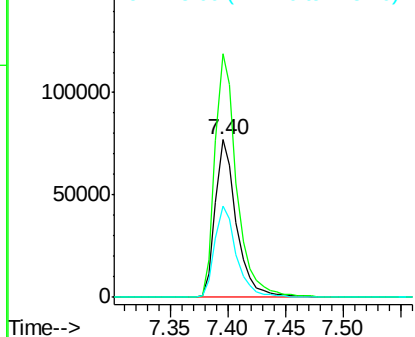
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095691.D
Acq: 6 Jun 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SU-RO-230-060217

Tgt Ion:152 Resp: 98720
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 58.0 52.2 78.2



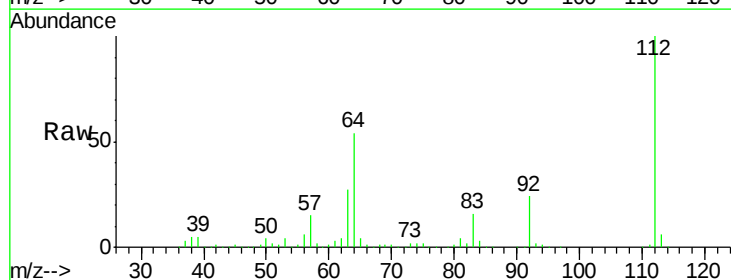
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



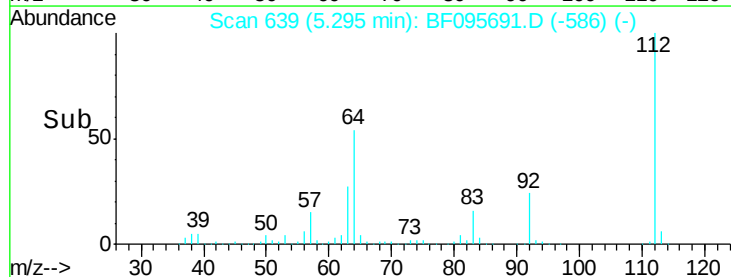
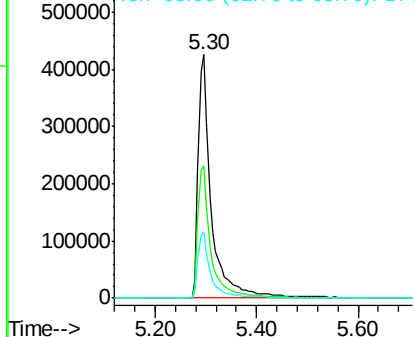
#5

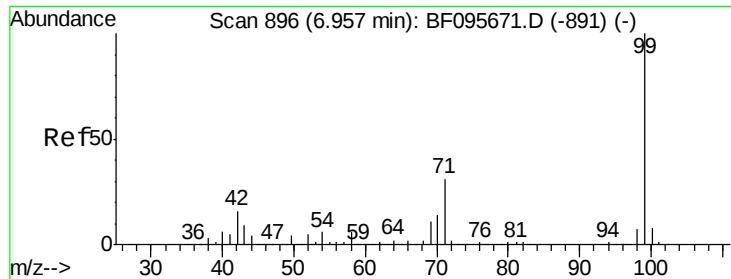
2-Fluorophenol
Concen: 124.920 ng
RT: 5.30 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF095691.D
Acq: 6 Jun 2017 00:50

Tgt Ion:112 Resp: 773925
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 26.8 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: 111.266 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SU-RO-230-060217

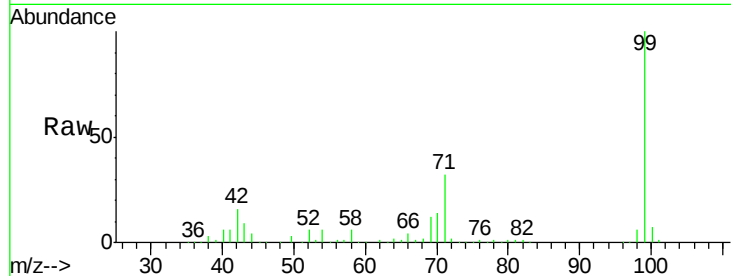
Tgt Ion: 99 Resp: 825244

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

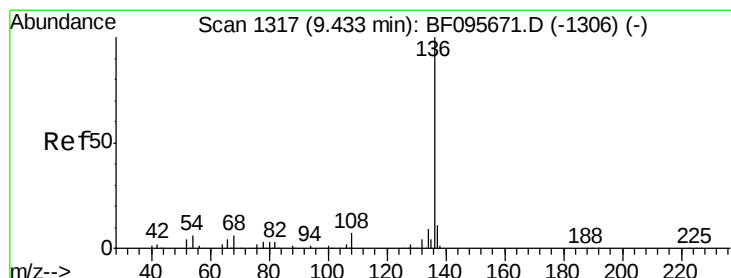
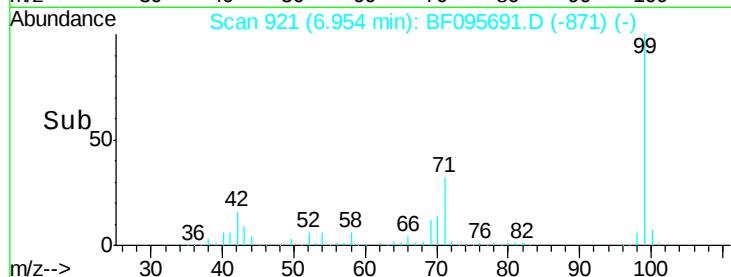
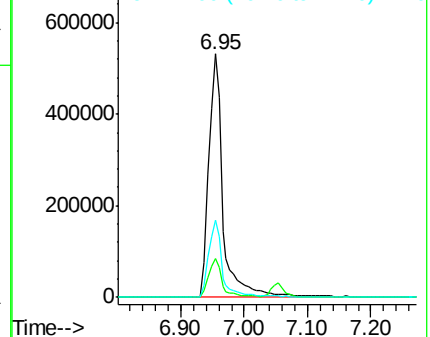
71 31.8 24.5 36.7



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: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

Tgt Ion: 136 Resp: 435705

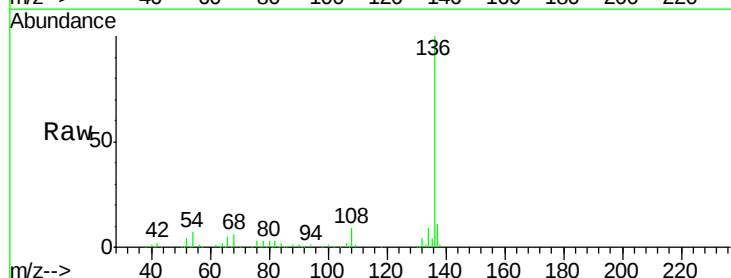
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 6.1 4.1 6.1

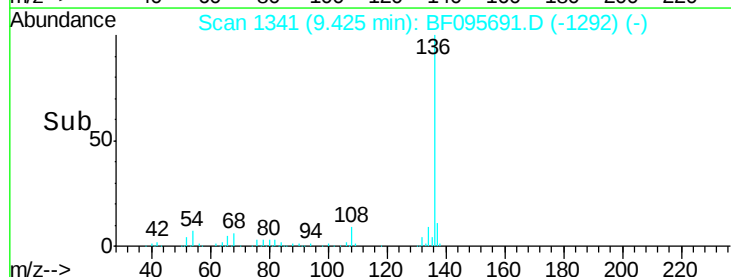
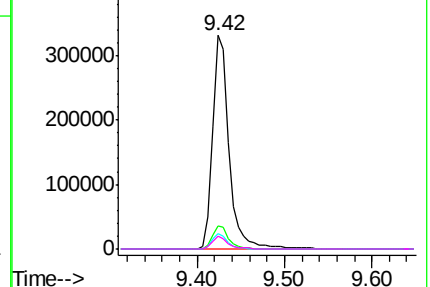


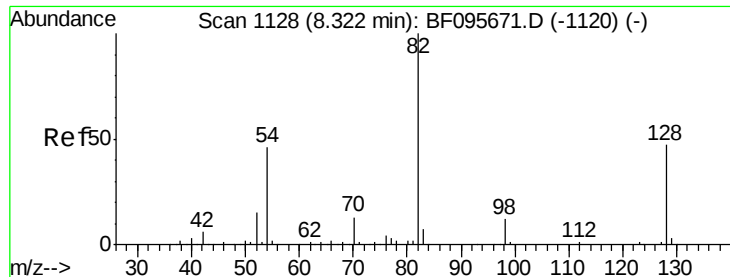
Abundance Ion 136.00 (135.70 to 136.70): E

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

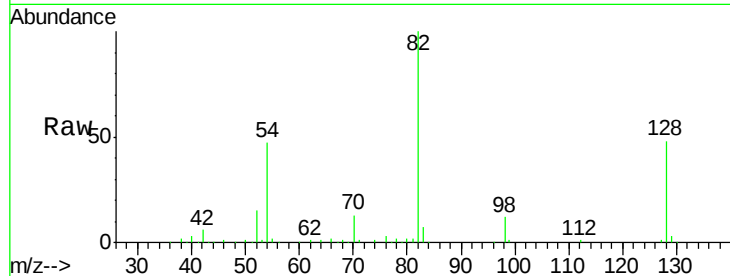




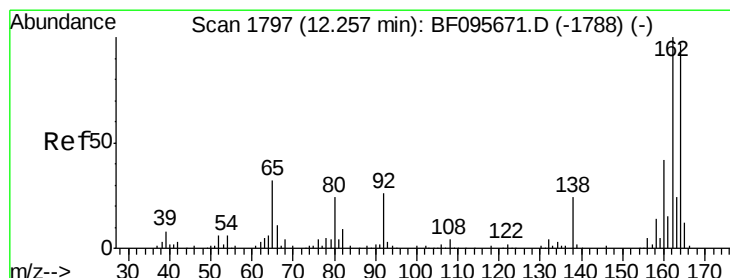
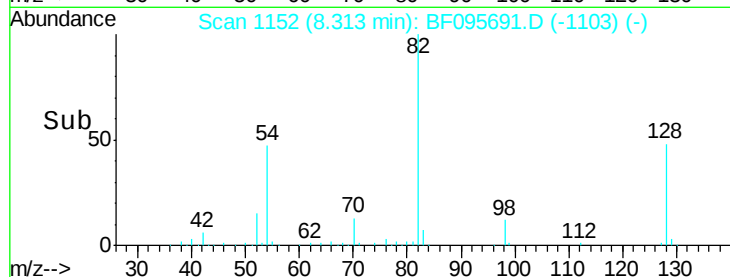
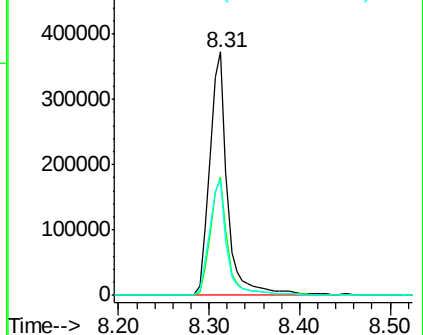
#23
 Nitrobenzene-d5
 Concen: 73.523 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF095691.D
 Acq: 6 Jun 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-230-060217

Tgt Ion: 82 Resp: 515814
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 47.4 42.2 63.2

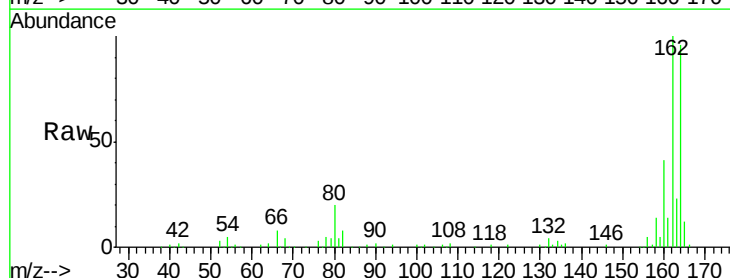


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

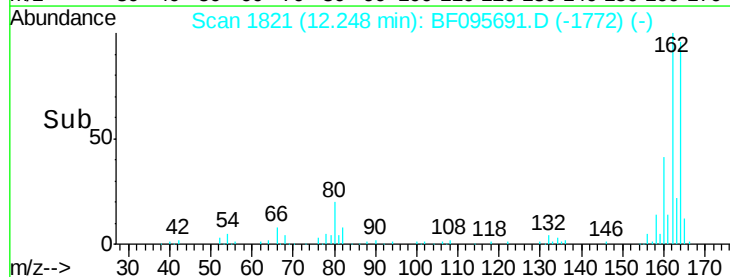
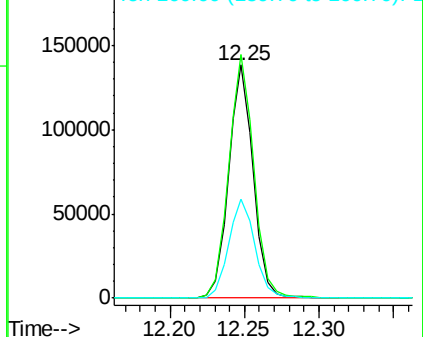


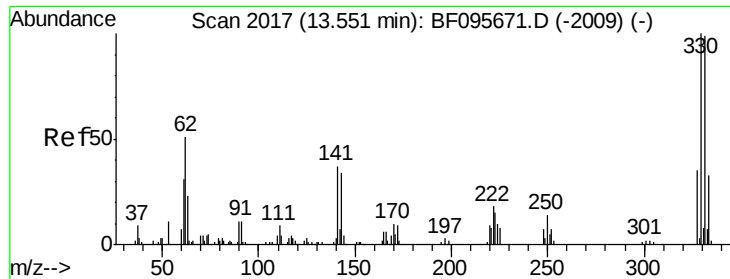
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095691.D
 Acq: 6 Jun 2017 00:50

Tgt Ion: 164 Resp: 159456
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 42.4 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

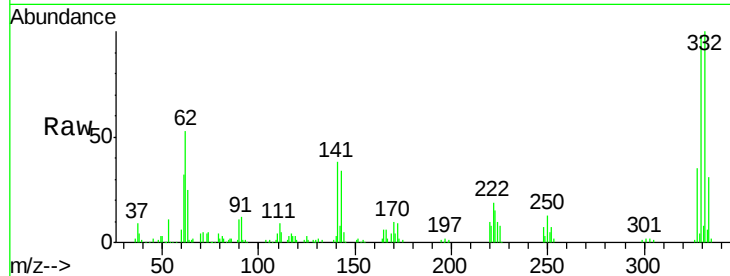




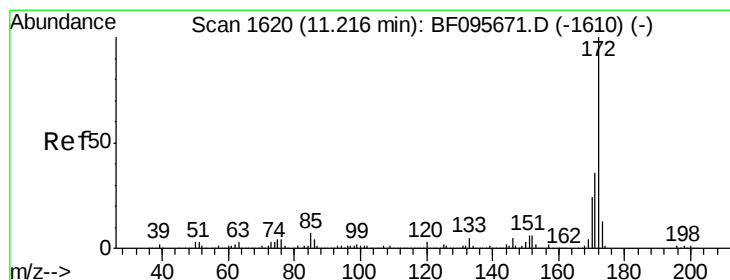
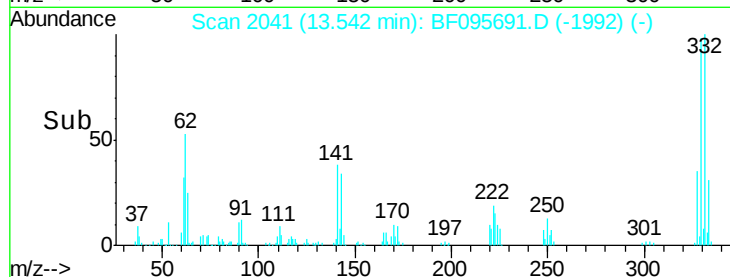
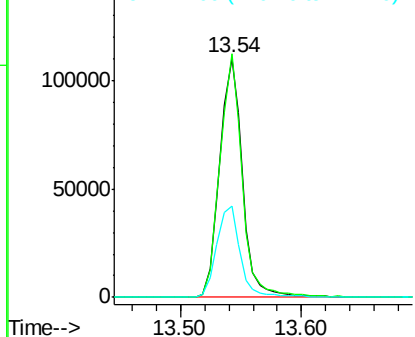
#41
 2,4,6-Tribromophenol
 Concen: 101.891 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095691.D
 Acq: 6 Jun 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-230-060217

Tgt Ion:330 Resp: 143750
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 39.5 31.4 47.2

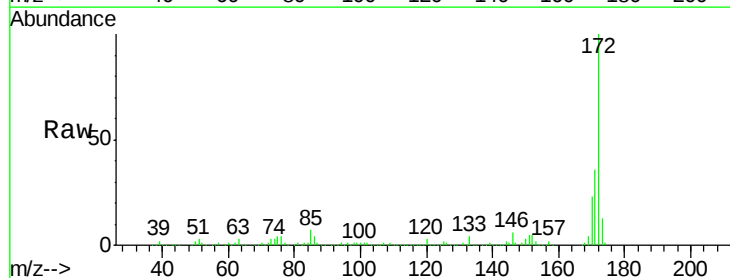


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

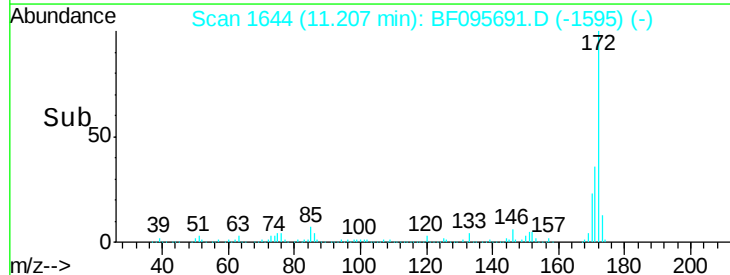
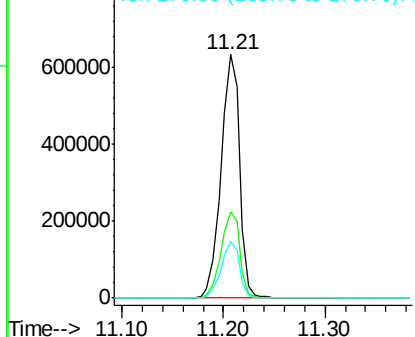


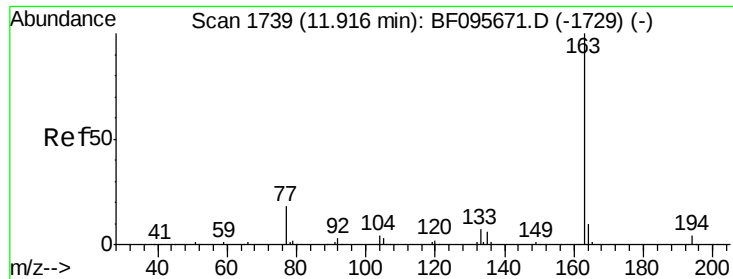
#44
 2-Fluorobiphenyl
 Concen: 70.225 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095691.D
 Acq: 6 Jun 2017 00:50

Tgt Ion:172 Resp: 804682
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.4 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: 12.633 ng

RT: 11.90 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SU-RO-230-060217

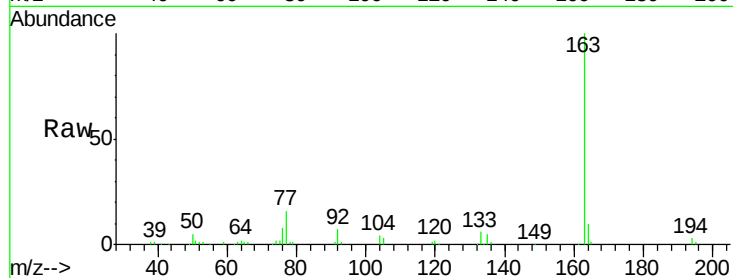
Tgt Ion:163 Resp: 152946

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

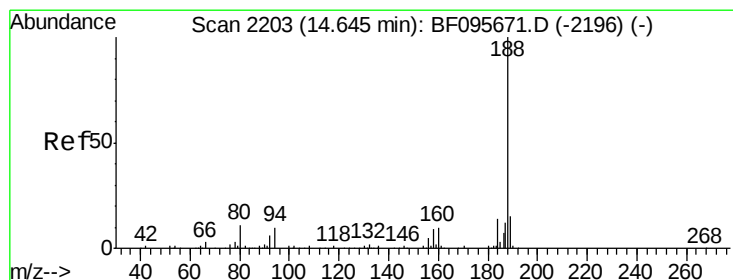
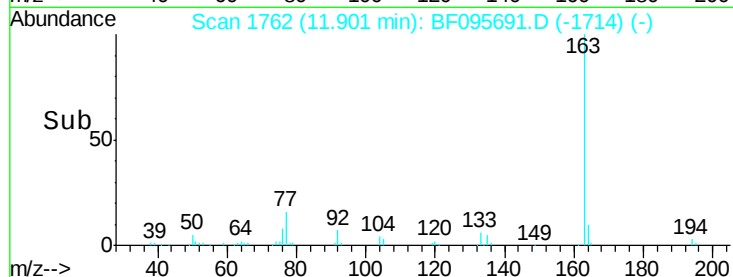
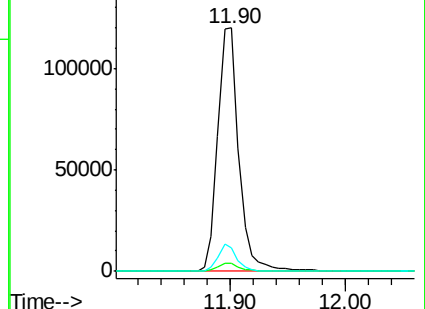
164 9.6 8.4 12.6



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: 20.000 ng

RT: 14.64 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

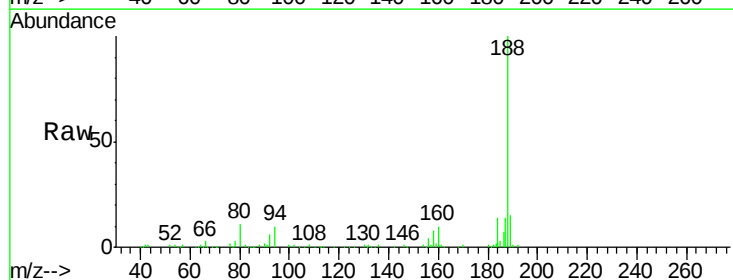
Tgt Ion:188 Resp: 262501

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

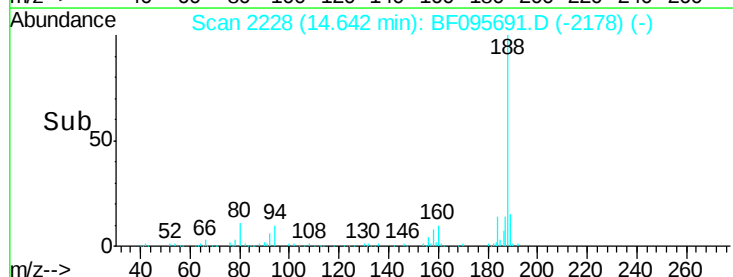
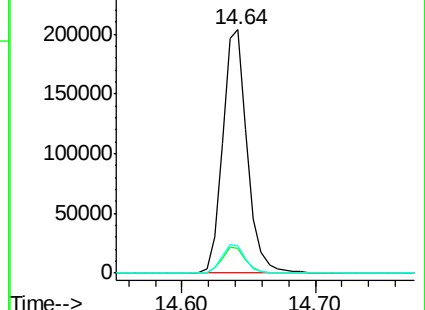
80 11.1 10.2 15.2

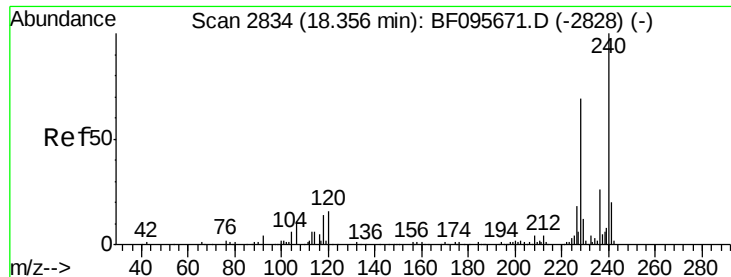


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.35 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

Instrument :

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ClientSampleId :

SU-RO-230-060217

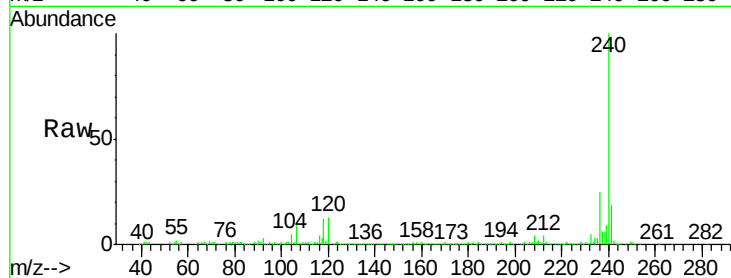
Tgt Ion:240 Resp: 209985

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

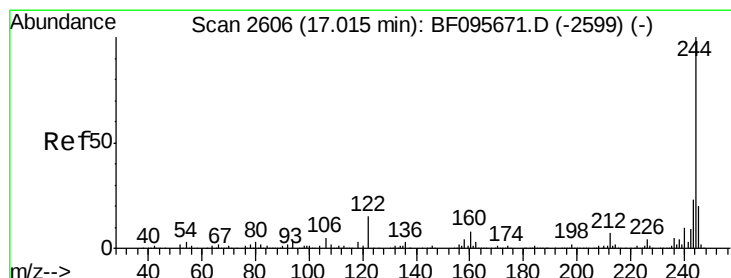
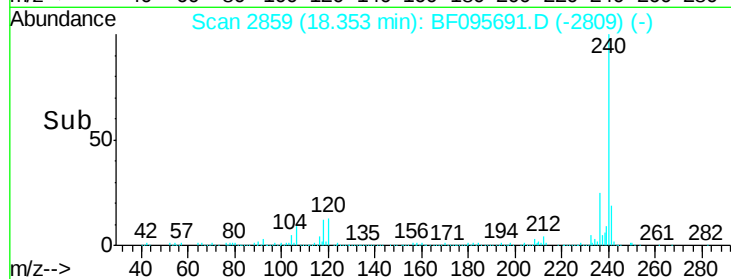
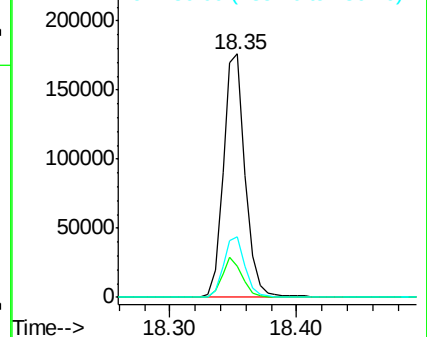
236 24.8 20.5 30.7



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: 64.743 ng

RT: 17.01 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BF095691.D

Acq: 6 Jun 2017 00:50

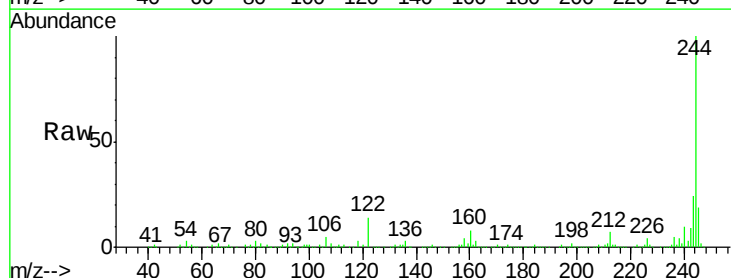
Tgt Ion:244 Resp: 547801

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

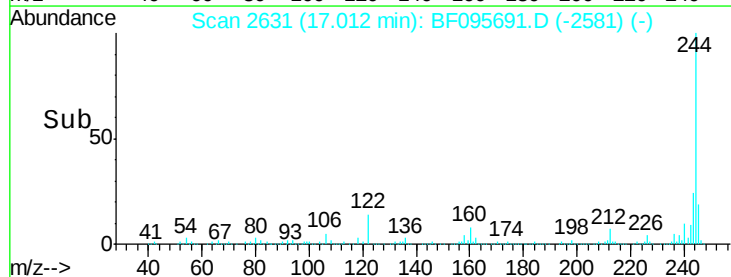
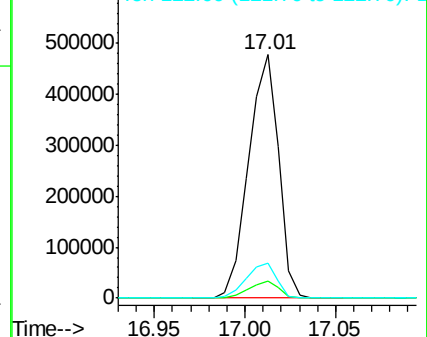
122 14.1 10.3 15.5

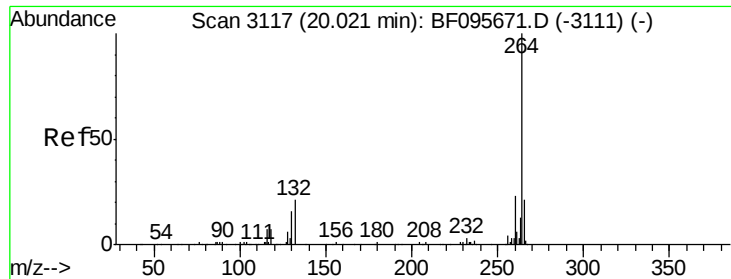


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095691.D
Acq: 6 Jun 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SU-RO-230-060217

Tgt Ion: 264 Resp: 175432
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.3 17.2 25.8

