

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095606.D
 Acq On : 1 Jun 2017 21:16
 Operator : SJ/MA
 Sample : I3384-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-A

Quant Time: Jun 02 04:26:35 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	85337	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	347447	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	163001	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	308654	20.00	ng	0.00
75) Chrysene-d12	18.49	240	253564	20.00	ng	0.00
86) Perylene-d12	20.17	264	173015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	175735	34.33	ng	0.02
7) Phenol-d6	7.10	99	216955	35.33	ng	0.00
23) Nitrobenzene-d5	8.45	82	497242	90.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	36344	27.23	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1003580	88.62	ng	0.00
78) Terphenyl-d14	17.15	244	925991	80.44	ng	0.00

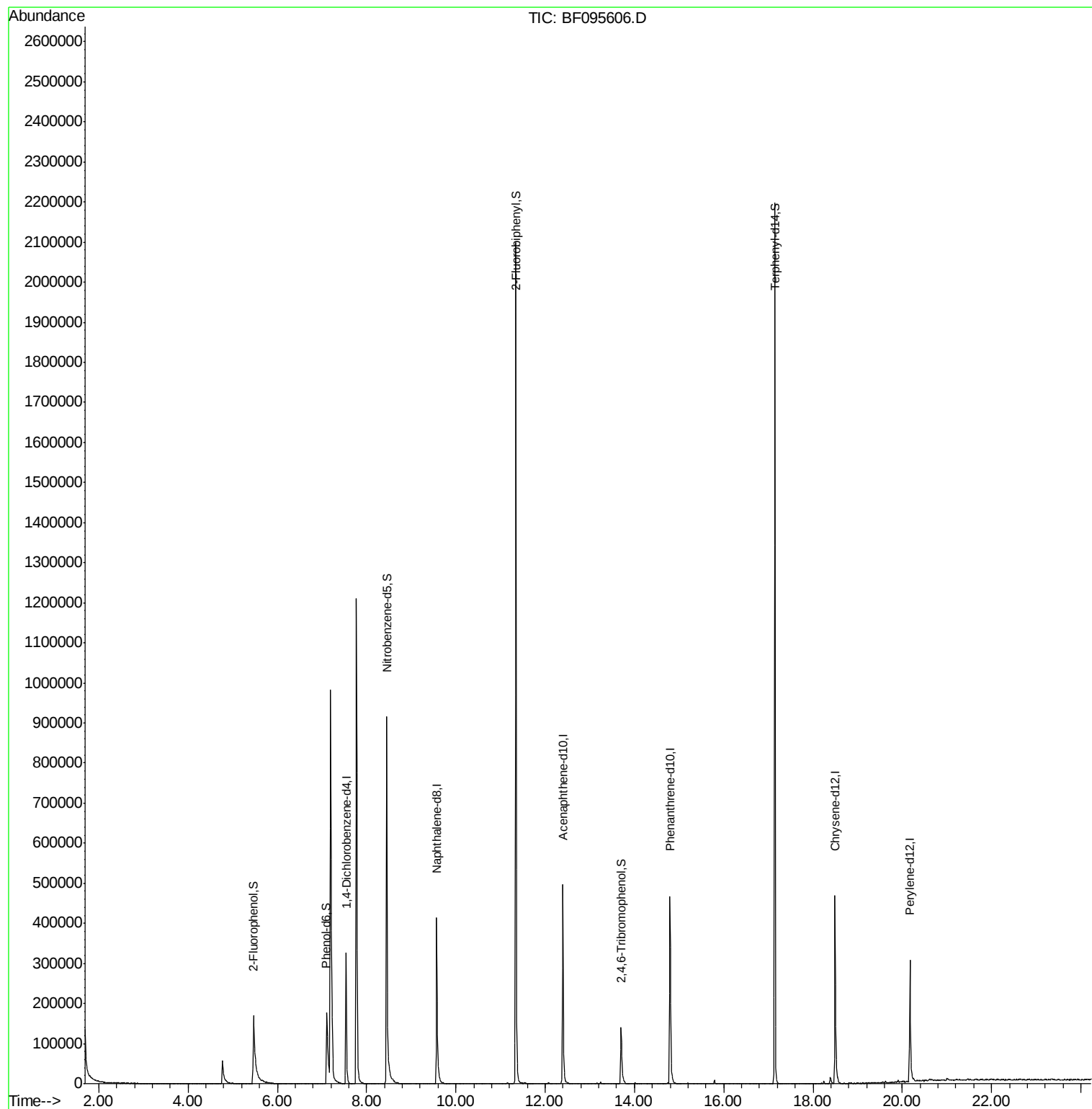
Target Compounds	Qvalue
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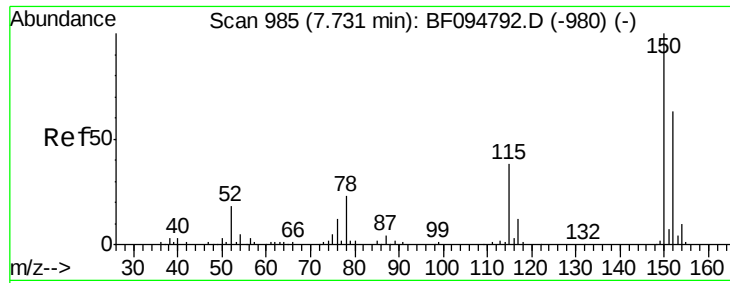
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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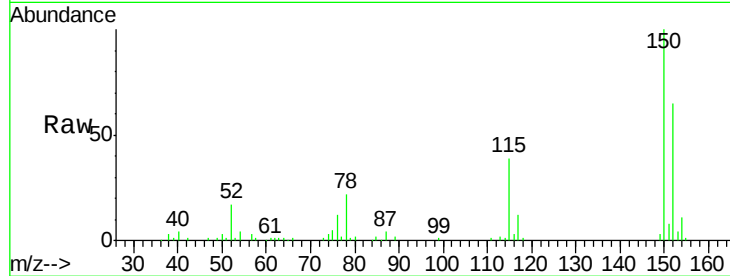


#1

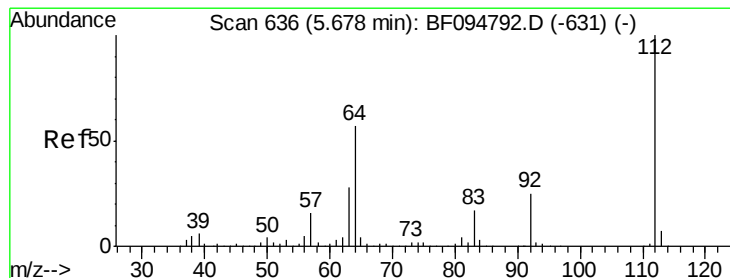
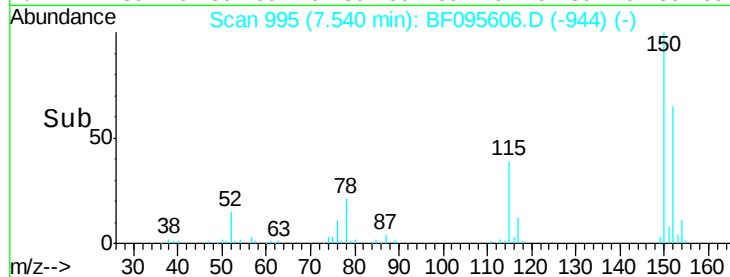
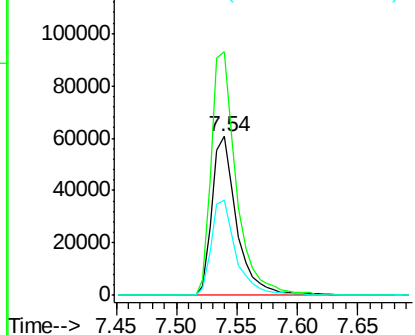
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WELL-A

Tgt Ion:152 Resp: 85337
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.2 189.2
 115 60.3 52.2 78.2



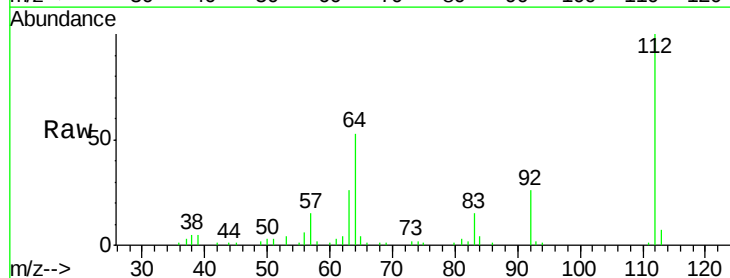
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



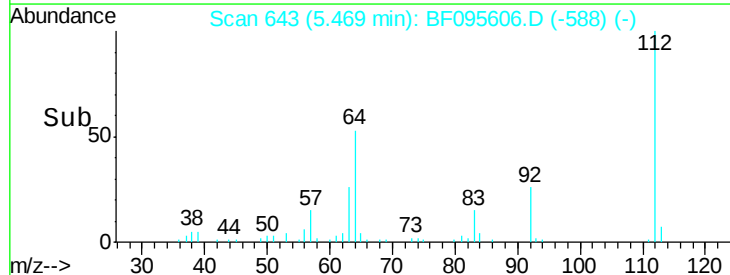
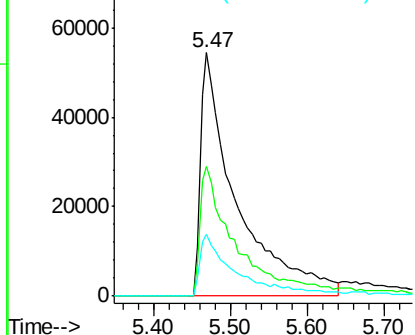
#5

2-Fluorophenol
 Concen: 34.333 ng
 RT: 5.47 min Scan# 643
 Delta R.T. 0.02 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Tgt Ion:112 Resp: 175735
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.0 69.0
 63 25.5 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: 35.326 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :

BNA_F

ClientSampleId :

WELL-A

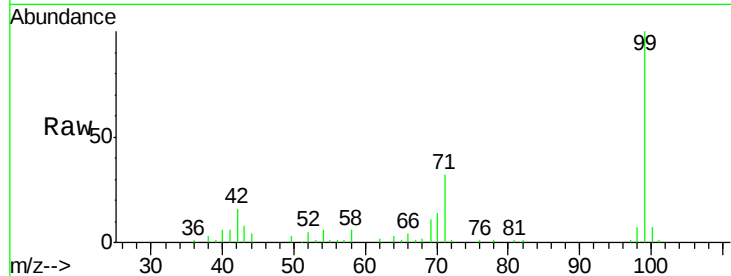
Tgt Ion: 99 Resp: 216955

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

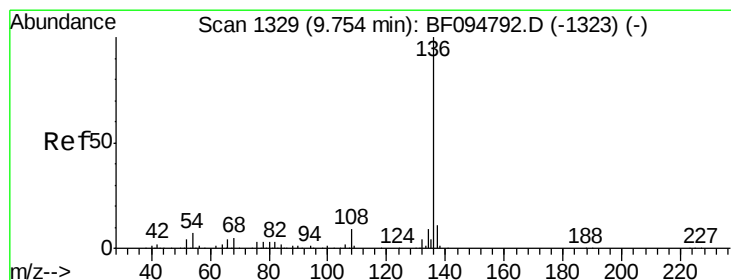
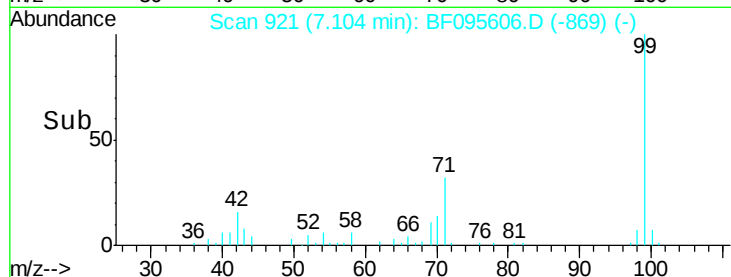
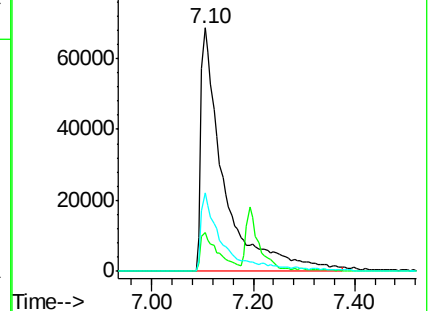
71 32.4 24.5 36.7



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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Tgt Ion: 136 Resp: 347447

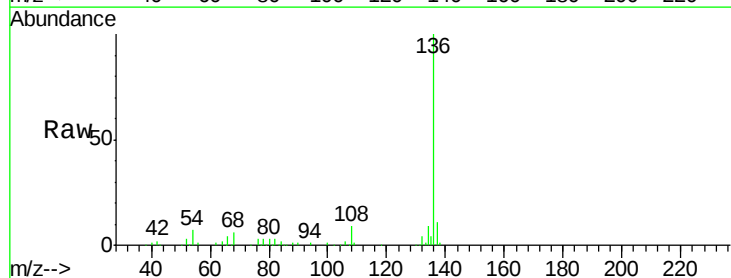
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

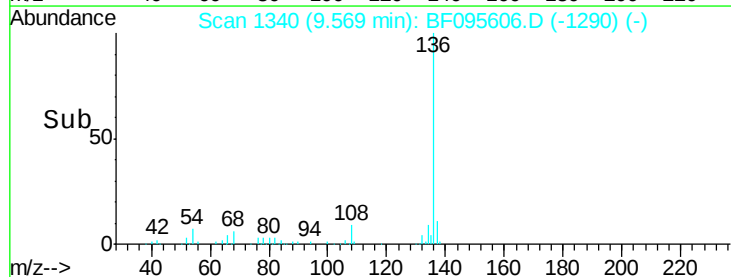
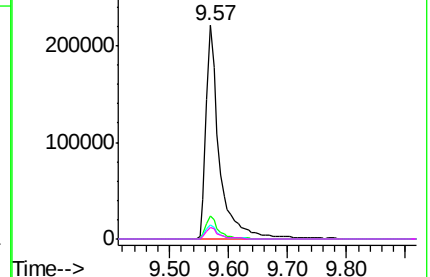


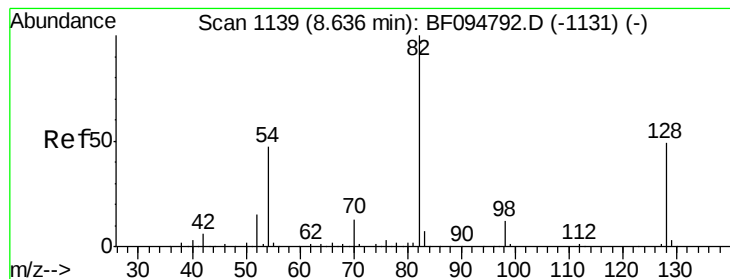
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.245 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :

BNA_F

ClientSampleId :

WELL-A

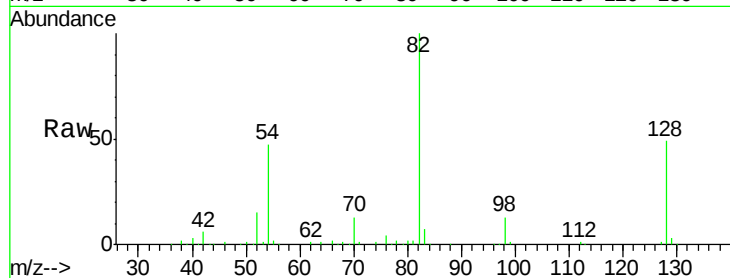
Tgt Ion: 82 Resp: 497242

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

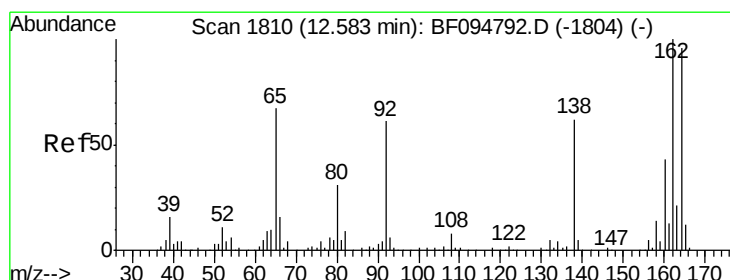
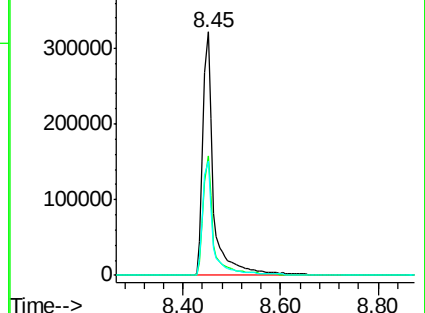
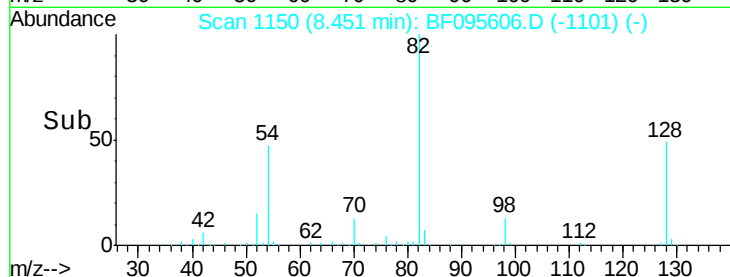
54 46.9 42.2 63.2



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: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

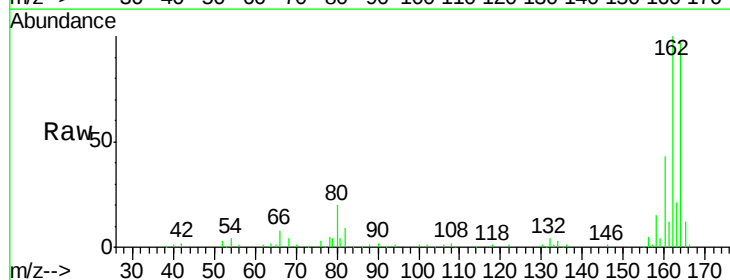
Tgt Ion: 164 Resp: 163001

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

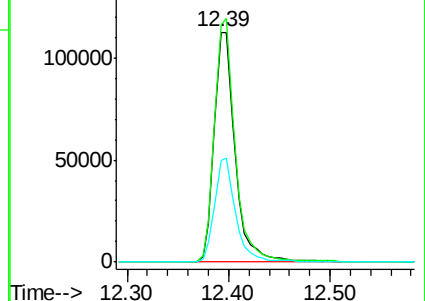
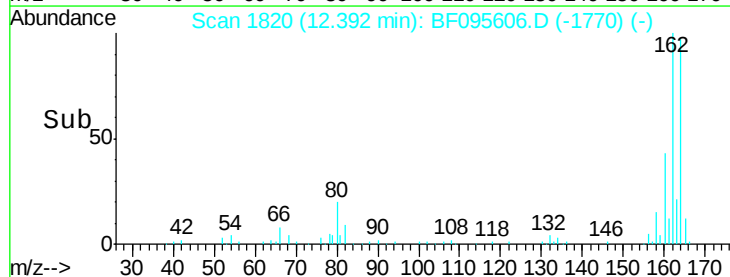
160 44.0 36.2 54.2

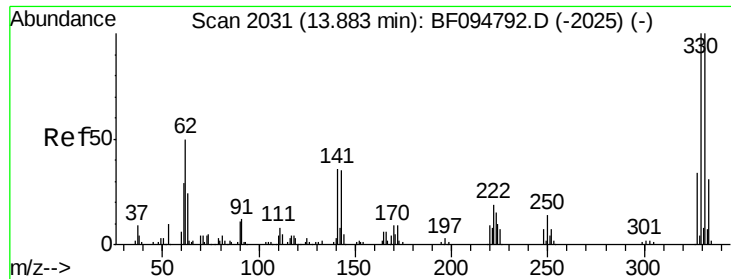


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

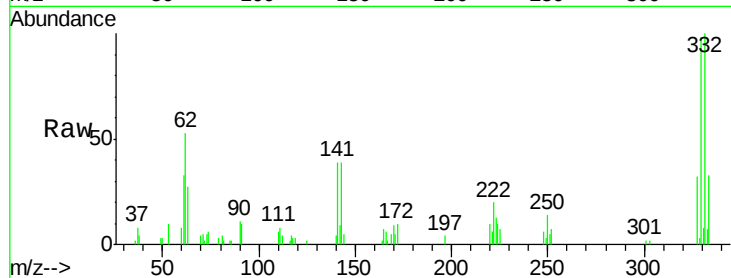




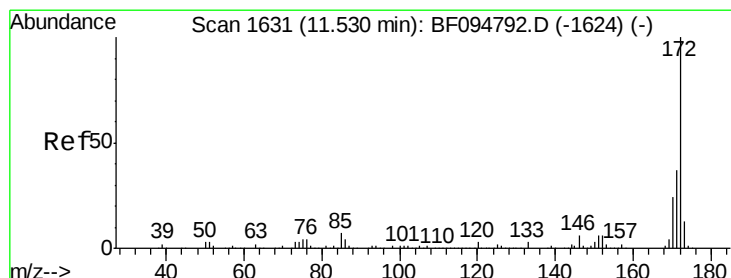
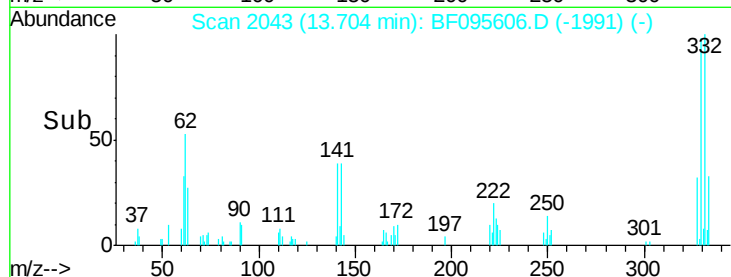
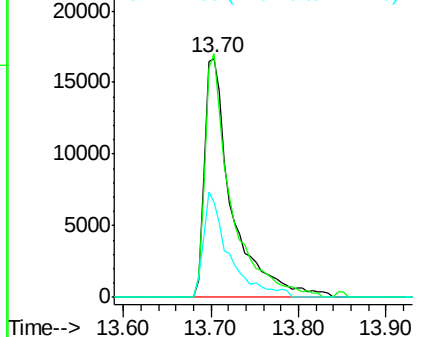
#41
 2,4,6-Tribromophenol
 Concen: 27.225 ng
 RT: 13.70 min Scan# 2043
 Delta R.T. 0.01 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WELL-A

Tgt Ion:330 Resp: 36344
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 40.3 31.4 47.2

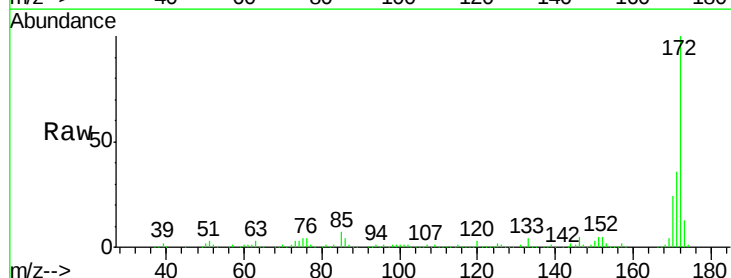


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

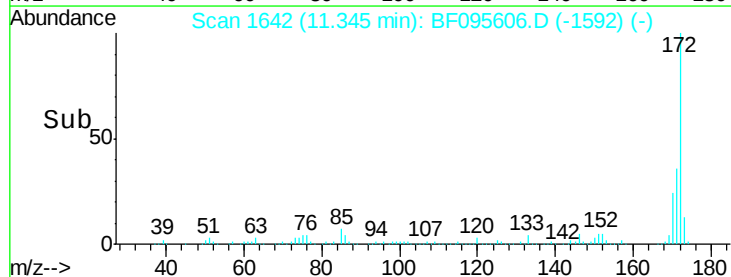
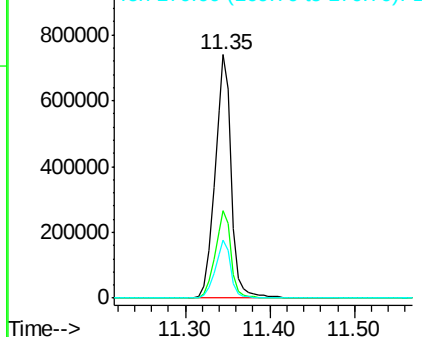


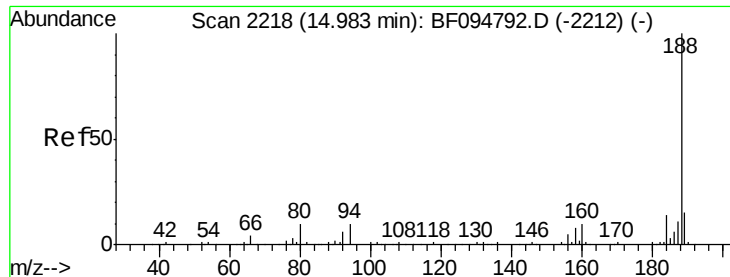
#44
 2-Fluorobiphenyl
 Concen: 88.619 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Tgt Ion:172 Resp: 1003580
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.8 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

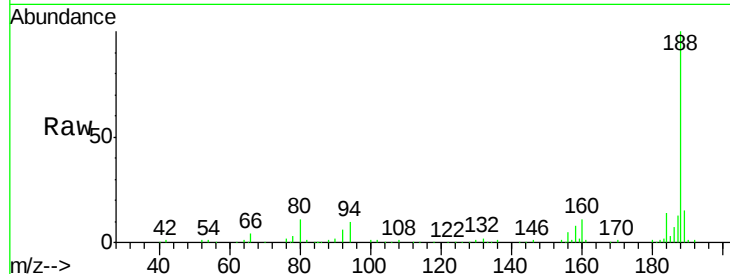




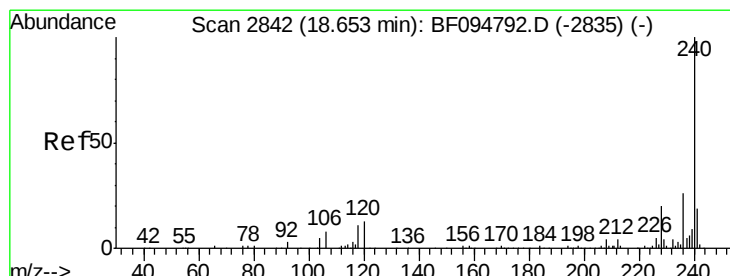
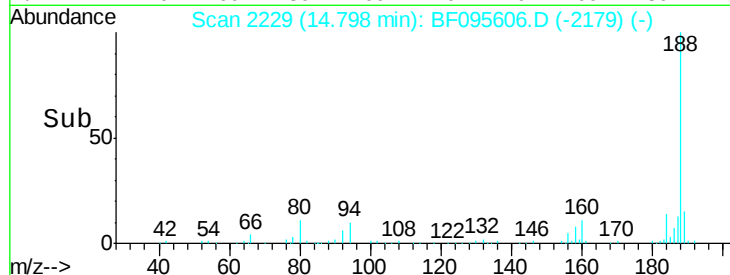
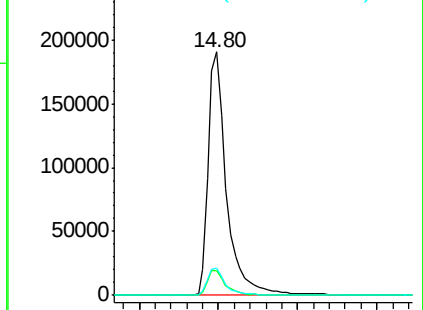
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :
WELL-A

Tgt Ion:188 Resp: 308654
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.3 10.2 15.2

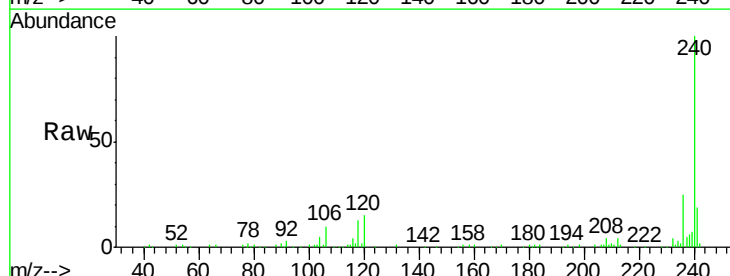


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

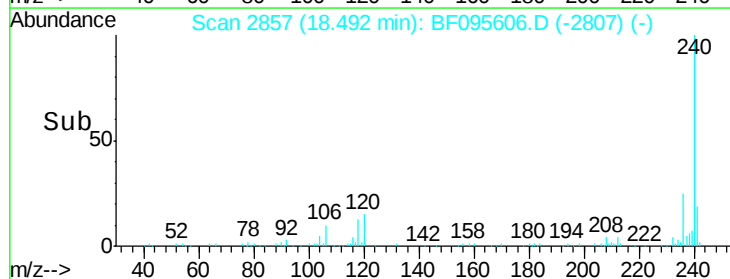
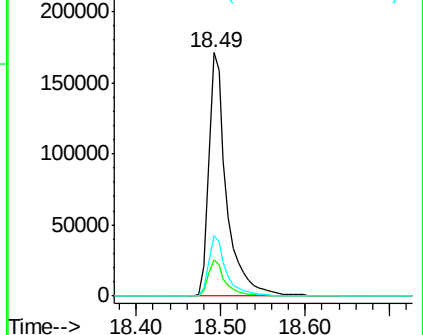


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

Tgt Ion:240 Resp: 253564
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.0 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

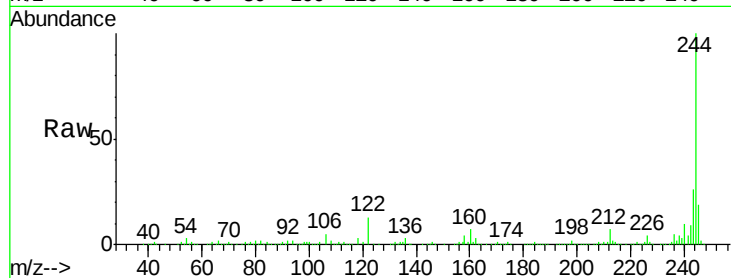




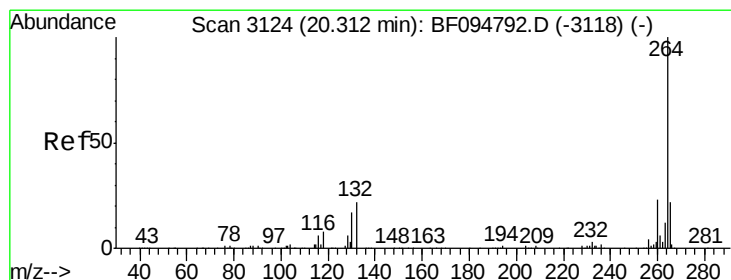
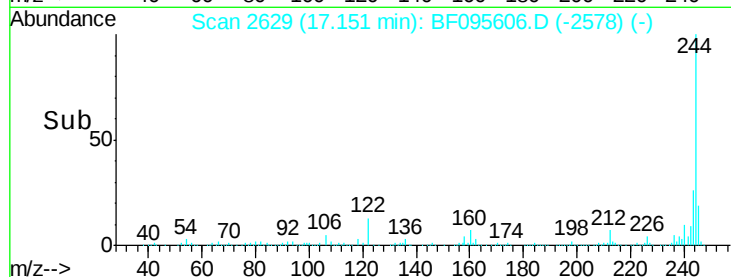
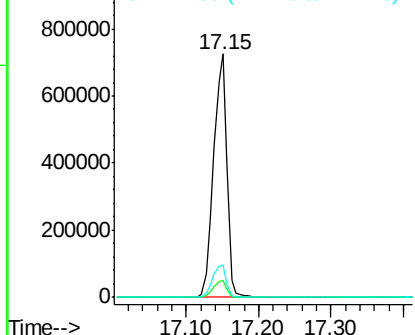
#78
 Terphenyl-d14
 Concen: 80.435 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WELL-A

Tgt Ion:244 Resp: 925991
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.4 10.3 15.5

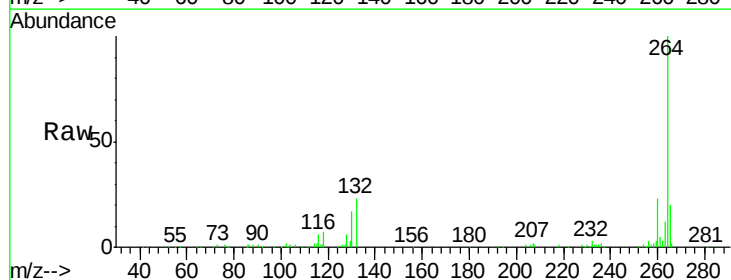


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Tgt Ion:264 Resp: 173015
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.3 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

