

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100114.D
 Acq On : 3 Nov 2017 5:27
 Operator : SJ/JU
 Sample : PB103911BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BL

Quant Time: Nov 03 07:28:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80214	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	333851	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	155247	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	268213	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	159913	20.00	ng	-0.03
86) Perylene-d12	15.41	264	134961	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	309688	60.61	ng	0.00
7) Phenol-d6	6.41	99	382058	63.06	ng	-0.02
23) Nitrobenzene-d5	7.34	82	304068	58.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	80442	56.86	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	653949	64.99	ng	-0.01
78) Terphenyl-d14	12.88	244	533698	72.94	ng	-0.02

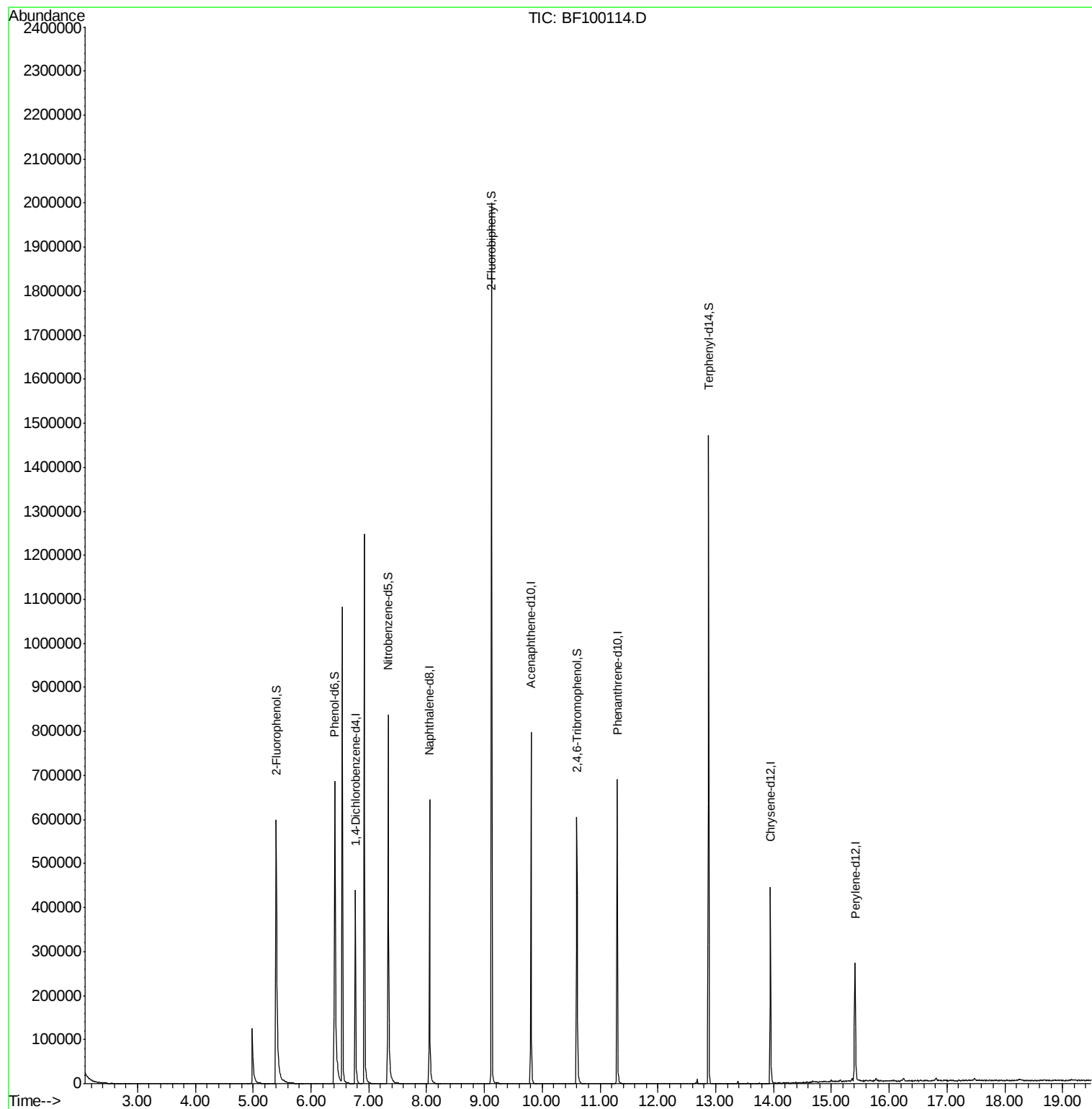
Target Compounds Qvalue

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

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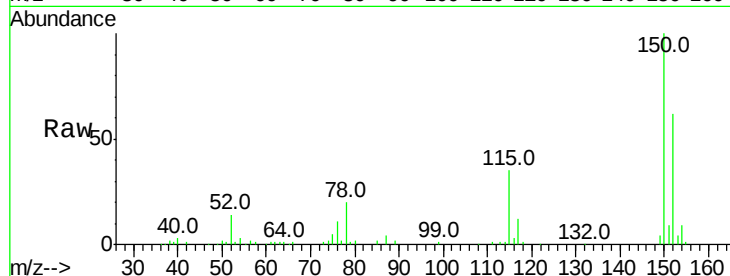


#1

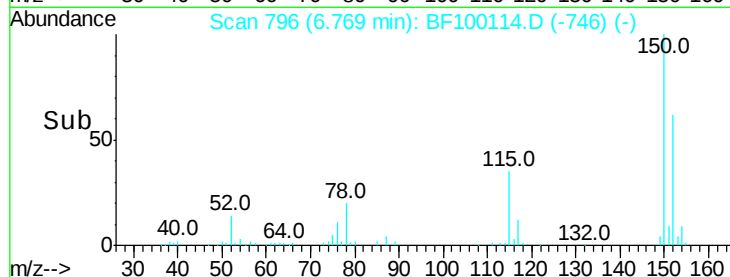
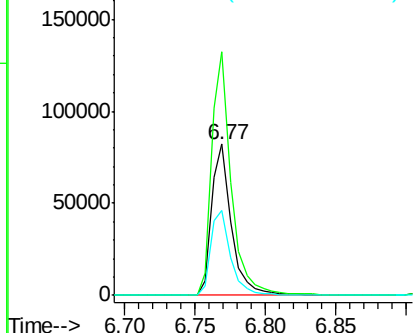
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BL

Tot Ion:152 Resp: 80214
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.6 186.8
 115 56.4 50.1 75.1



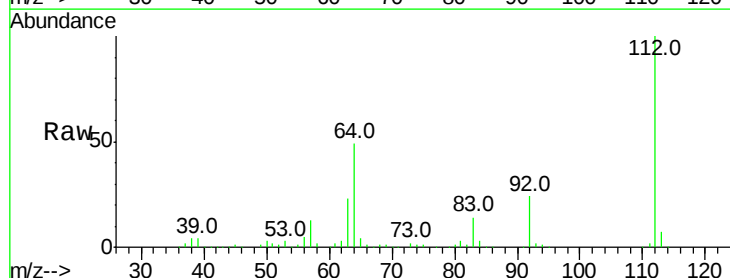
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



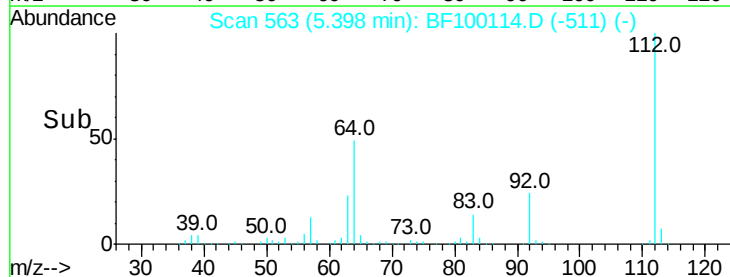
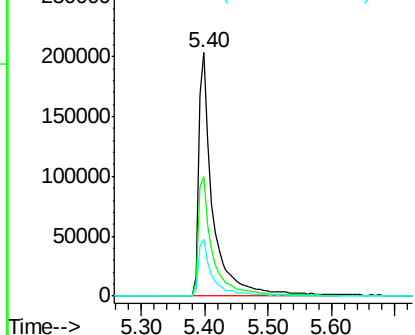
#5

2-Fluorophenol
 Concen: 60.613 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Tgt Ion:112 Resp: 309688
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.9 71.9
 63 23.1 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 63.065 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

PB103911BL

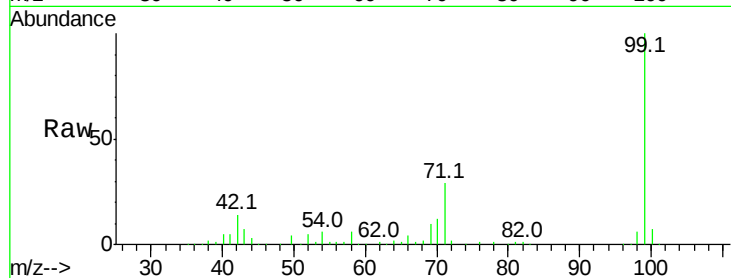
Tot Ion: 99 Resp: 382058

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

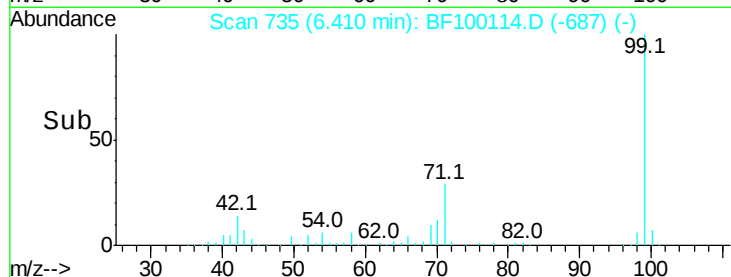
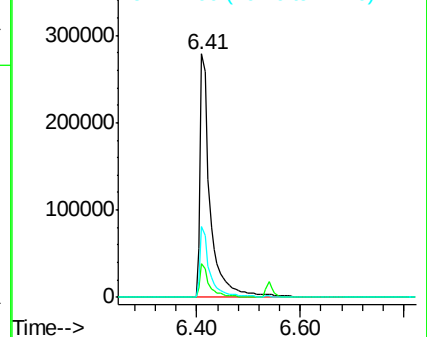
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Tgt Ion: 136 Resp: 333851

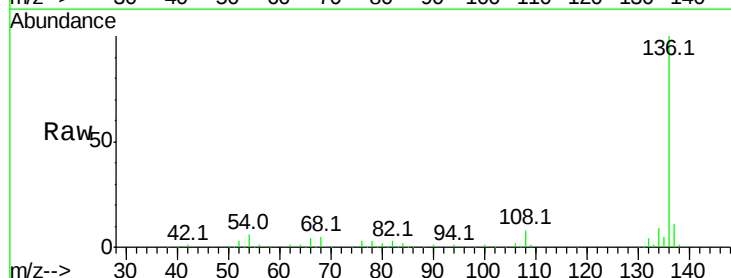
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

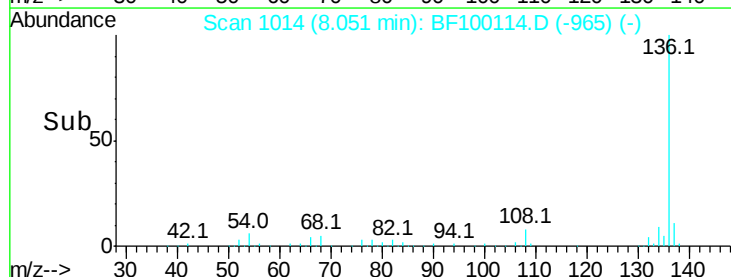
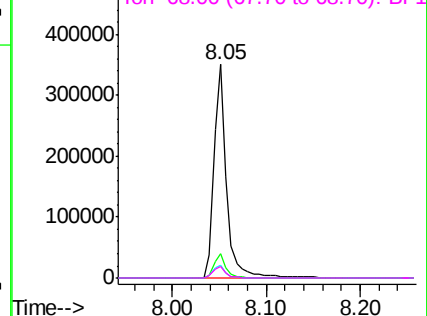


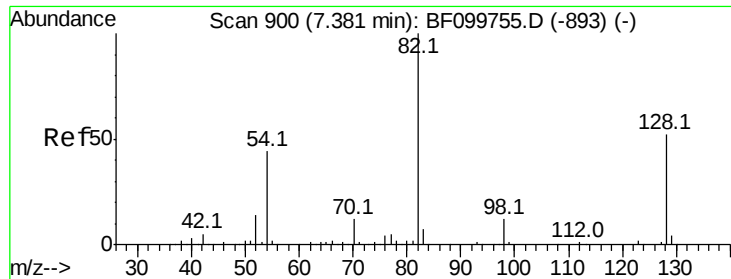
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

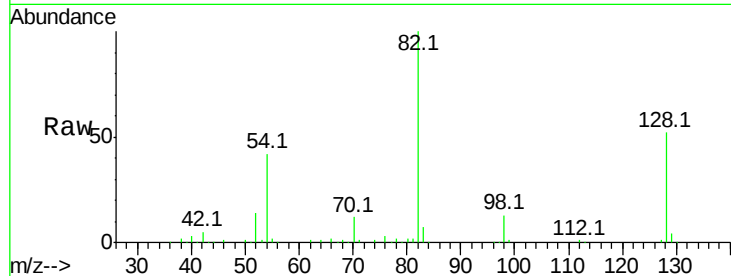




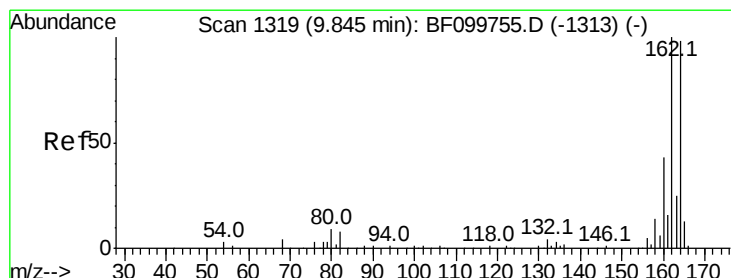
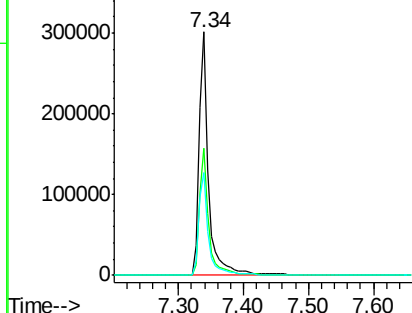
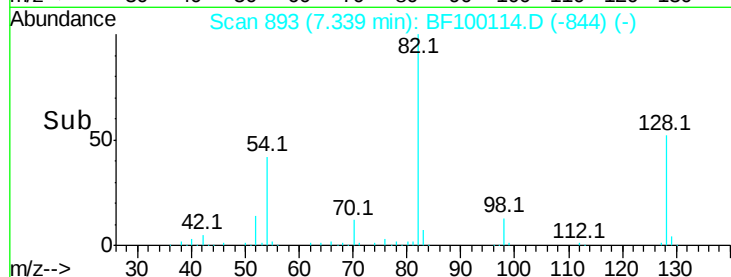
#23
 Nitrobenzene-d5
 Concen: 58.637 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BL

Tot Ion: 82 Resp: 304068
 Ion Ratio Lower Upper
 82 100
 128 52.4 36.1 54.1
 54 42.1 41.4 62.2

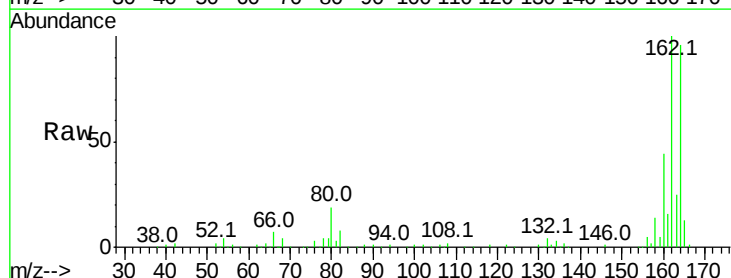


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

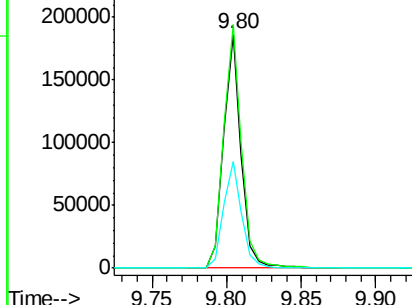
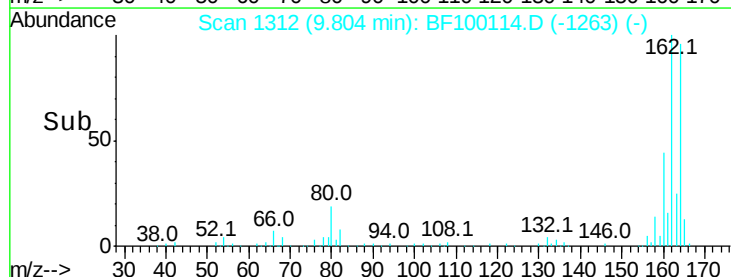


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Tgt Ion: 164 Resp: 155247
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

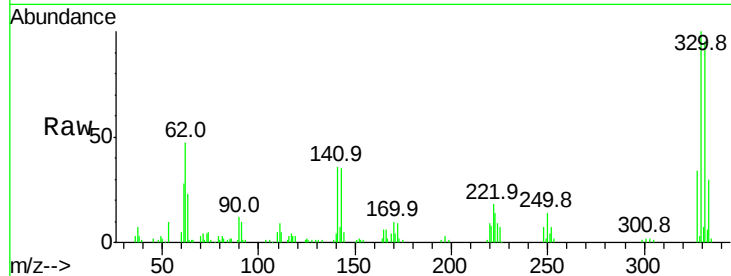




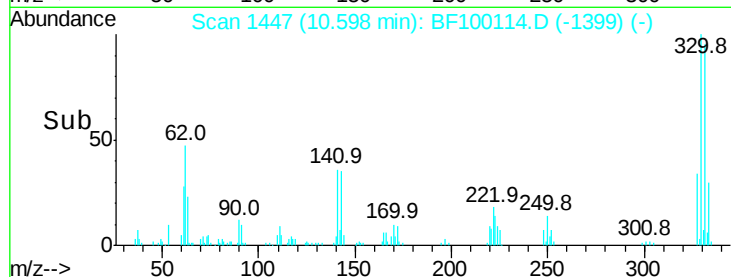
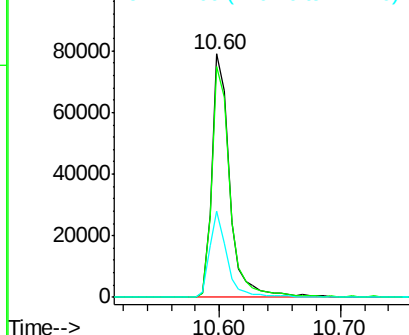
#41
 2,4,6-Tribromophenol
 Concen: 56.858 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampled :
 PB103911BL

Tot Ion:330 Resp: 80442
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.4 29.9 44.9

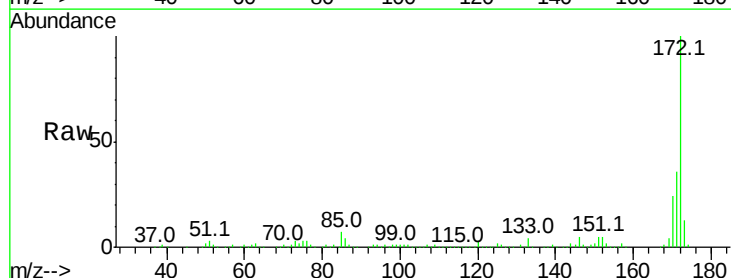


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

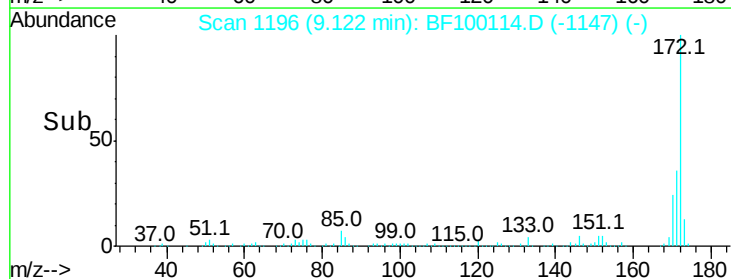
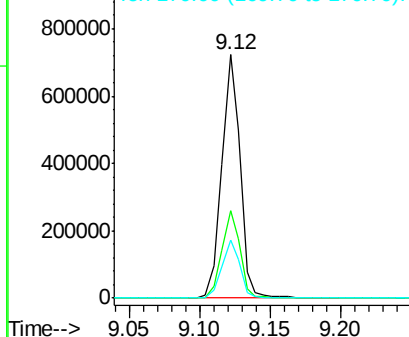


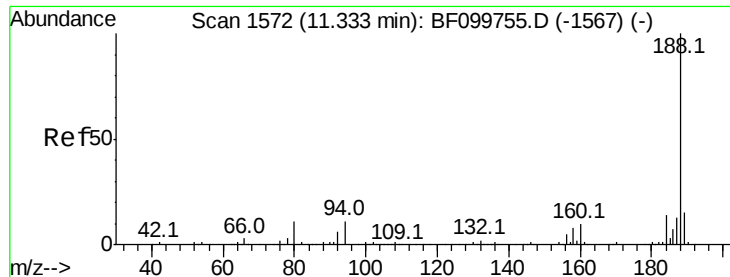
#44
 2-Fluorobiphenyl
 Concen: 64.989 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Tgt Ion:172 Resp: 653949
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4



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

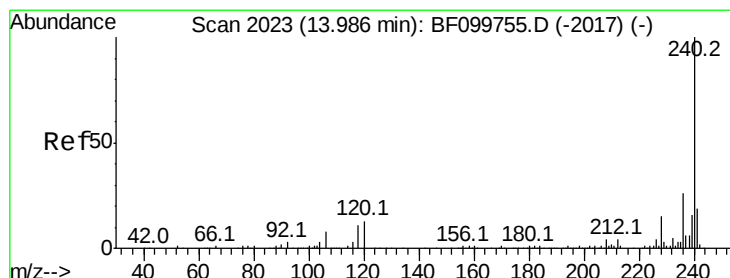
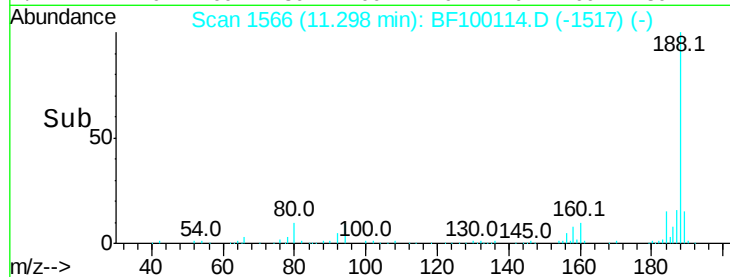
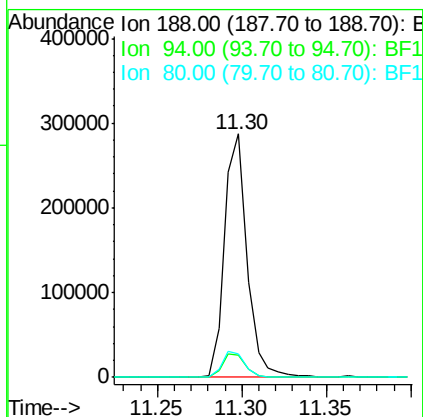
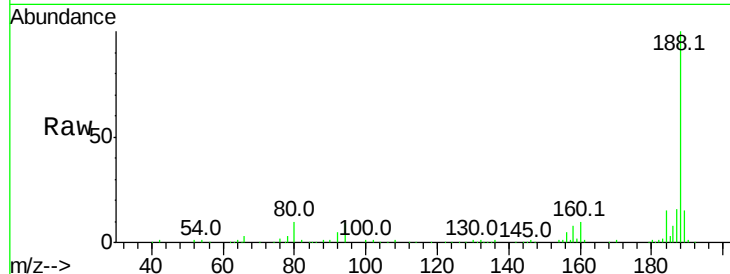




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

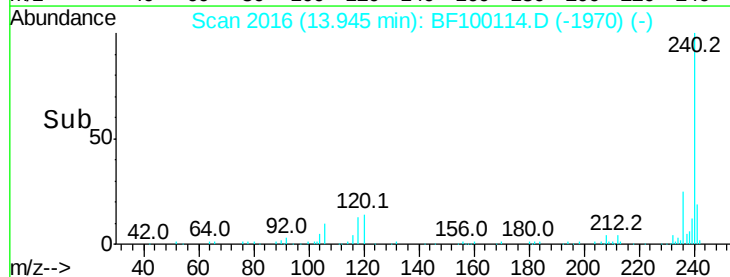
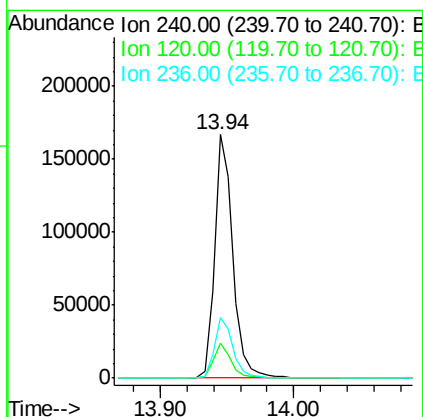
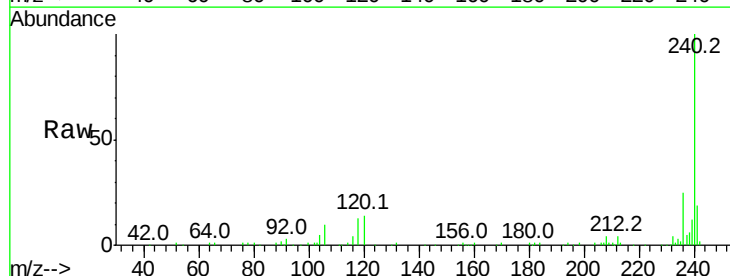
Instrument :
BNA_F
ClientSampleId :
PB103911BL

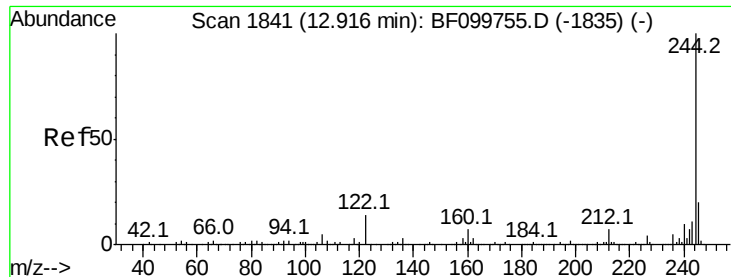
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 72.935 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

PB103911BL

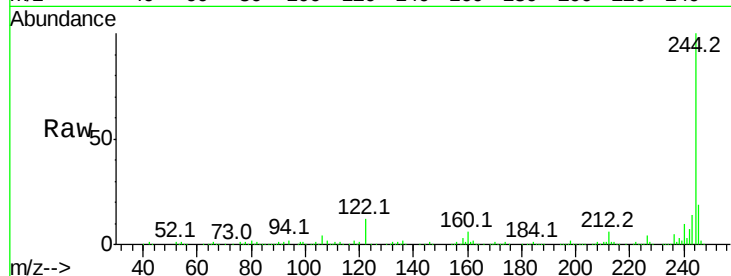
Tot Ion:244 Resp: 533698

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

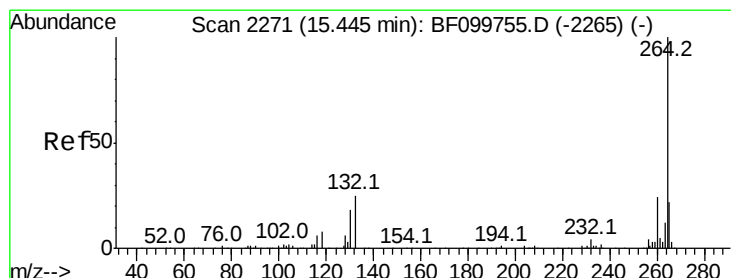
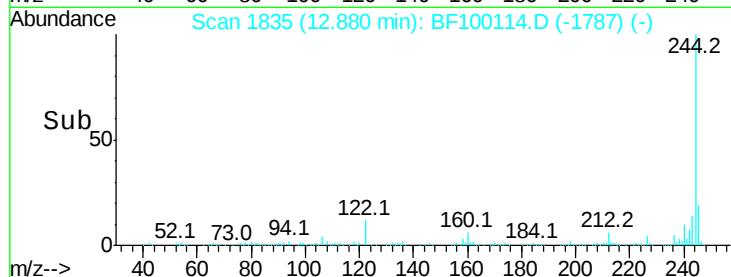
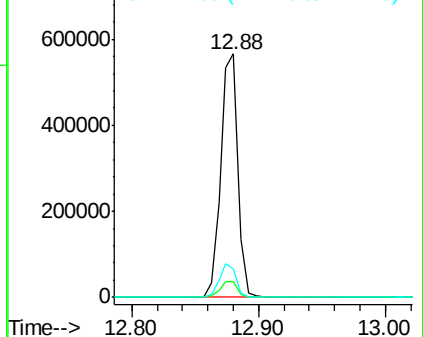
122 11.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

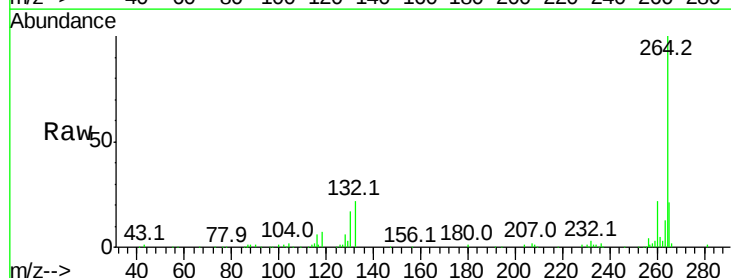
Tgt Ion:264 Resp: 134961

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.6 17.5 26.3



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

