

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100250.D
 Acq On : 6 Nov 2017 14:28
 Operator : SJ/JU
 Sample : PB103849BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BL

Quant Time: Nov 07 00:46:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91893	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	379866	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	178789	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	345909	20.00	ng	0.00
75) Chrysene-d12	13.94	240	272329	20.00	ng	0.00
86) Perylene-d12	15.40	264	201760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	586016	100.12	ng	0.01
7) Phenol-d6	6.41	99	697989	100.57	ng	0.00
23) Nitrobenzene-d5	7.33	82	383220	64.95	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	160817	98.70	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	810401	69.93	ng	0.00
78) Terphenyl-d14	12.87	244	774230	62.13	ng	0.00

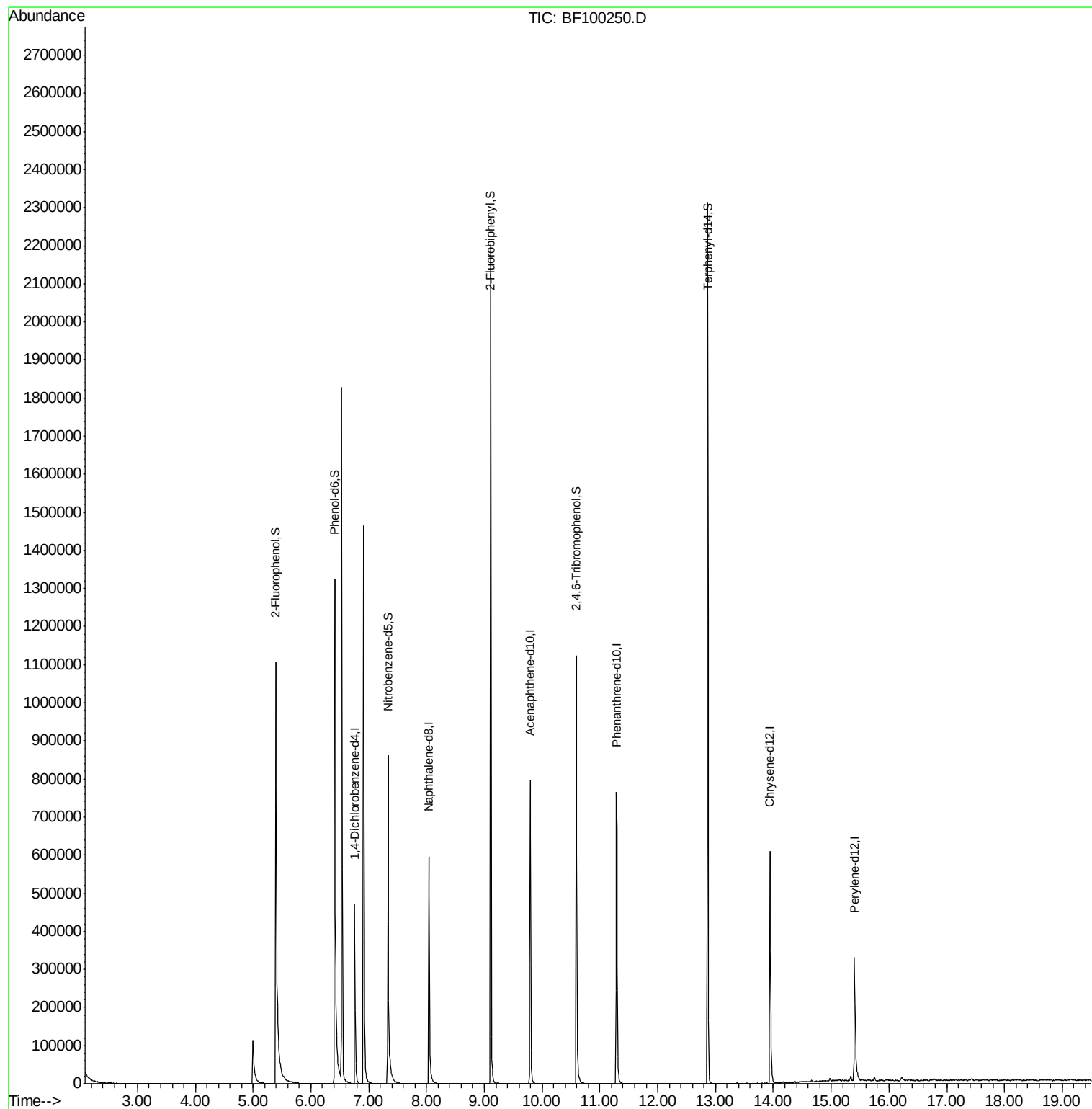
Target Compounds	Qvalue
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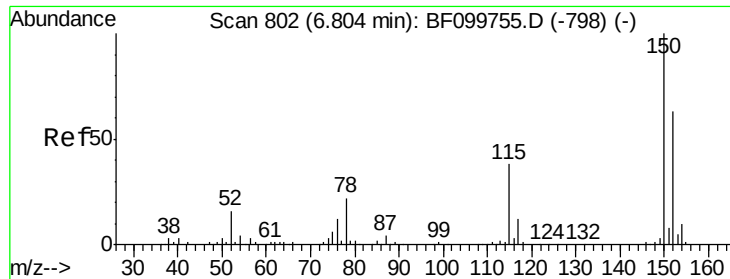
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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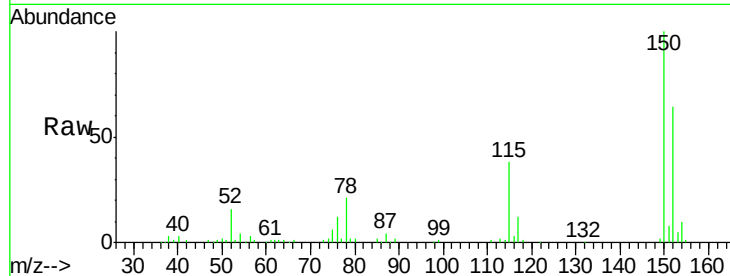


#1

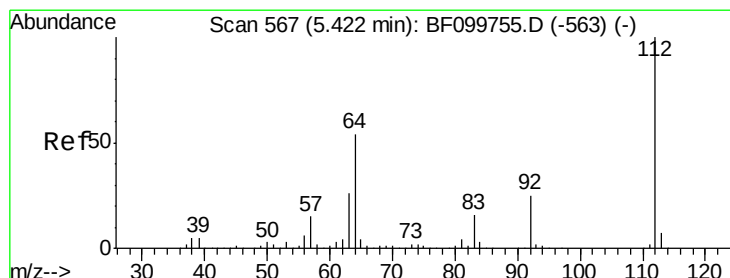
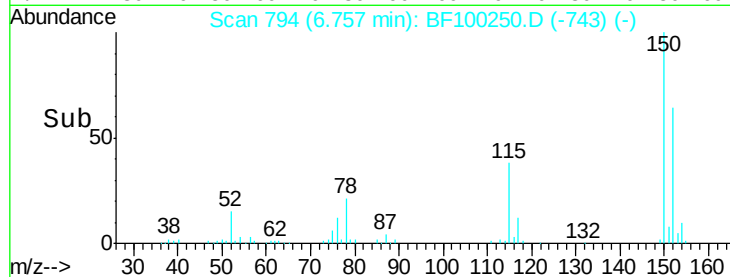
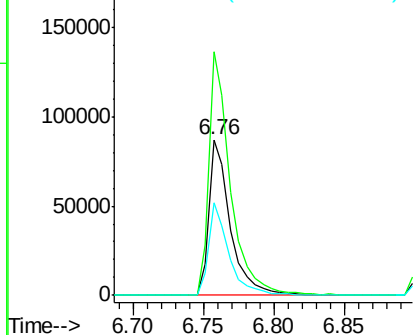
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
PB103849BL

Tgt Ion:152 Resp: 91893
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.4 50.1 75.1



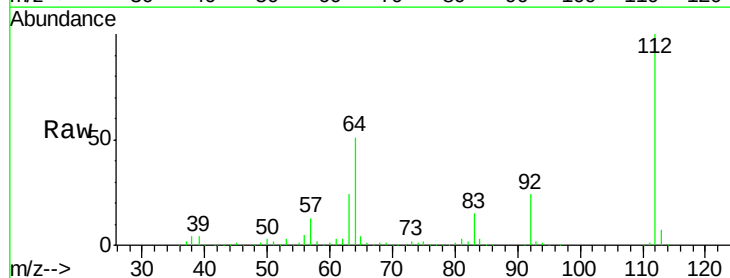
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



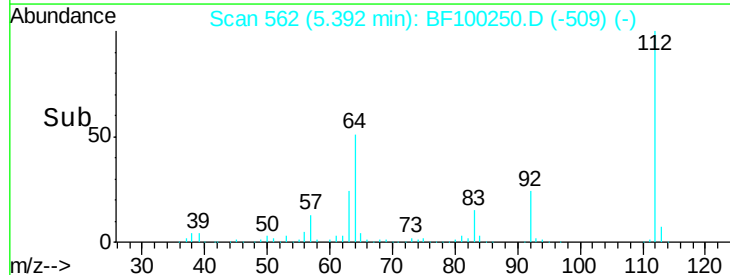
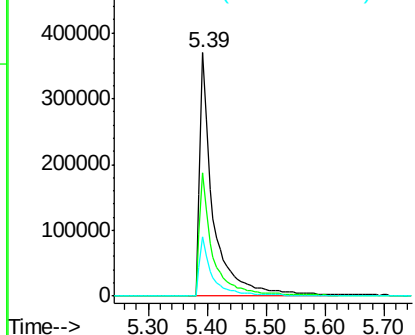
#5

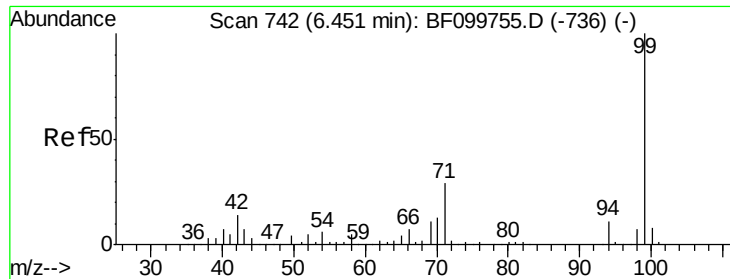
2-Fluorophenol
Concen: 100.119 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Tgt Ion:112 Resp: 586016
Ion Ratio Lower Upper
112 100
64 50.6 47.9 71.9
63 24.2 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: 100.571 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Instrument :

BNA_F

ClientSampleId :

PB103849BL

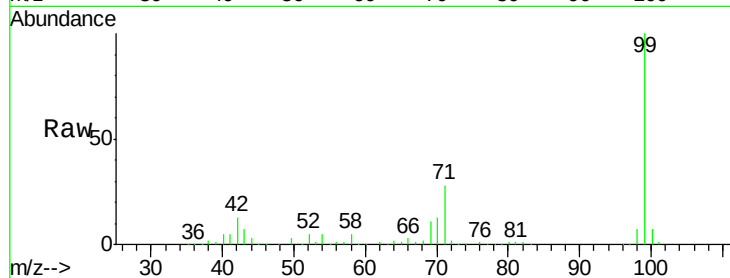
Tgt Ion: 99 Resp: 697989

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

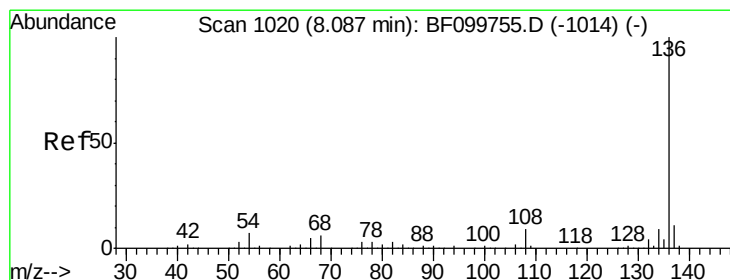
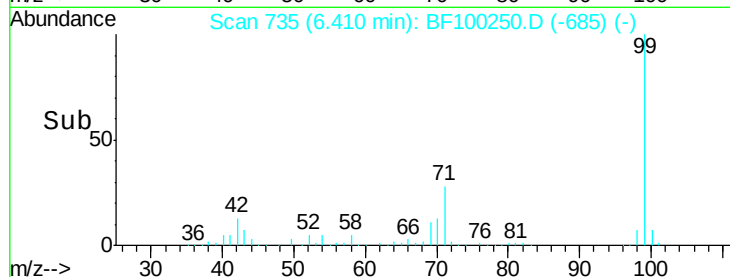
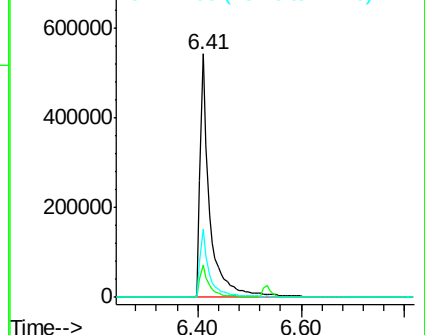
71 28.2 25.4 38.0



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: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Tgt Ion: 136 Resp: 379866

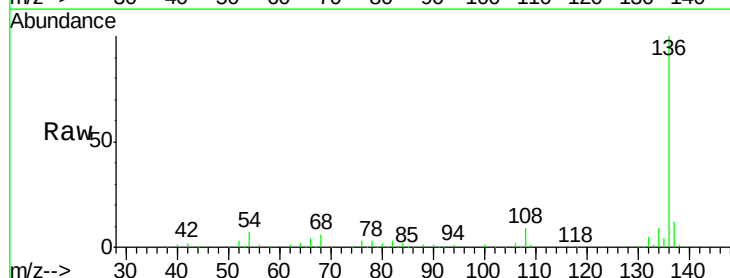
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

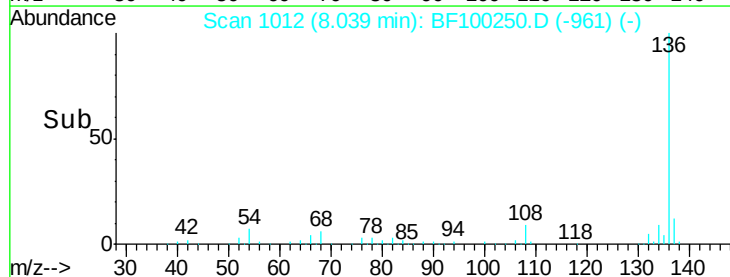
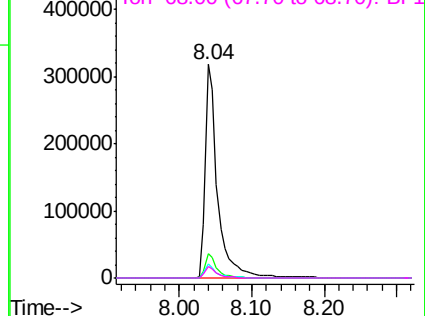


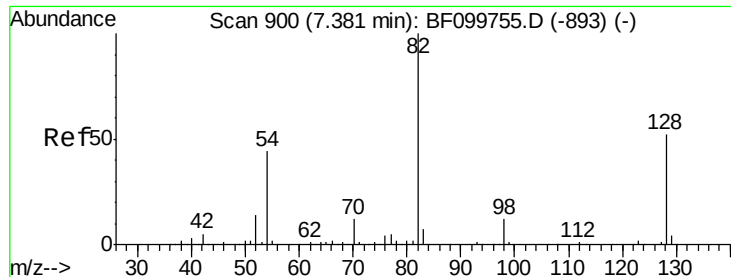
Abundance Ion 136.00 (135.70 to 136.70): E

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

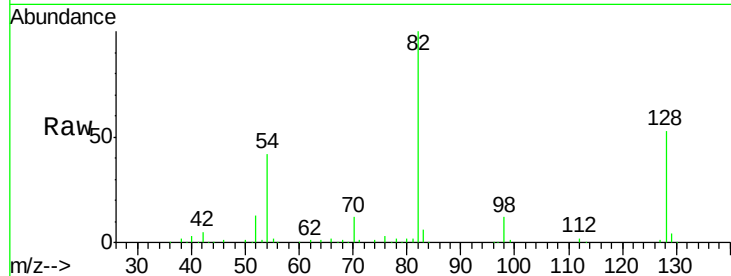




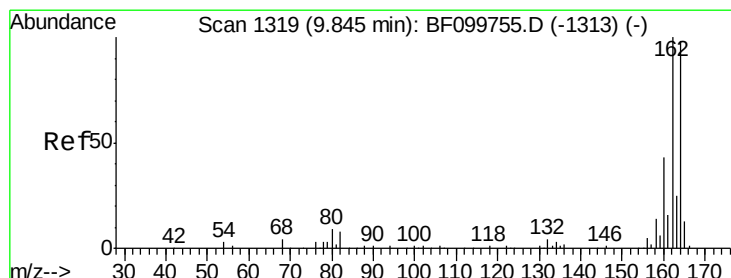
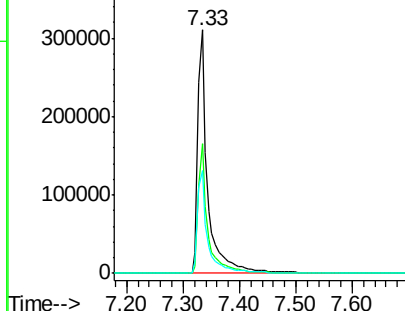
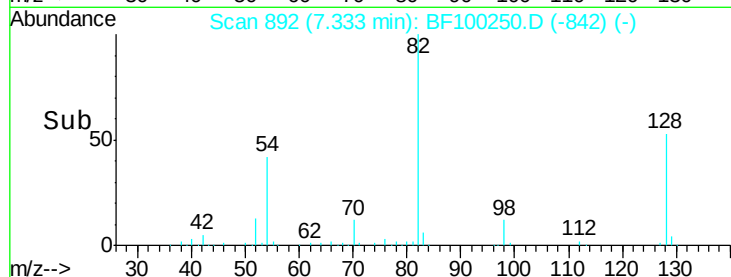
#23
 Nitrobenzene-d5
 Concen: 64.949 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BL

Tgt Ion: 82 Resp: 383220
 Ion Ratio Lower Upper
 82 100
 128 53.2 36.1 54.1
 54 42.1 41.4 62.2

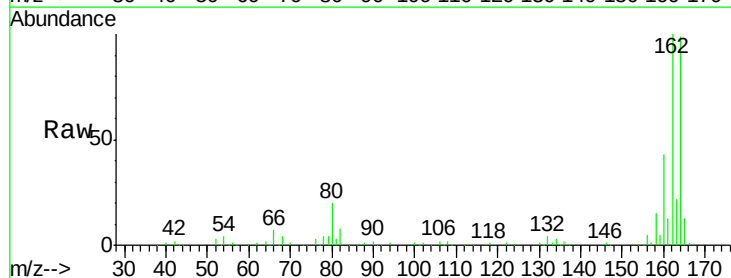


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

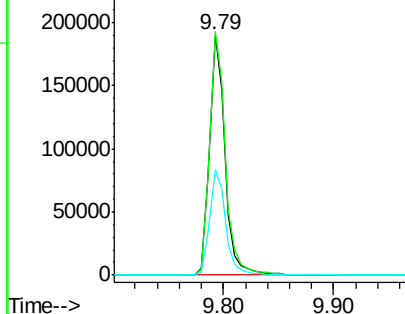
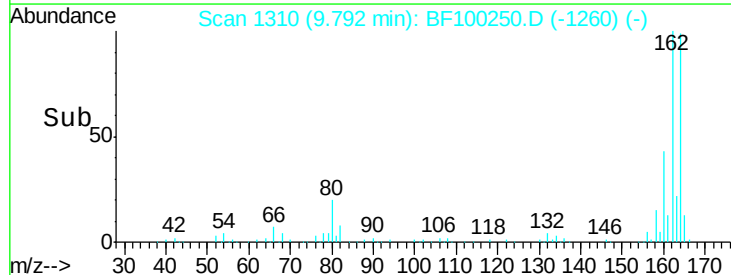


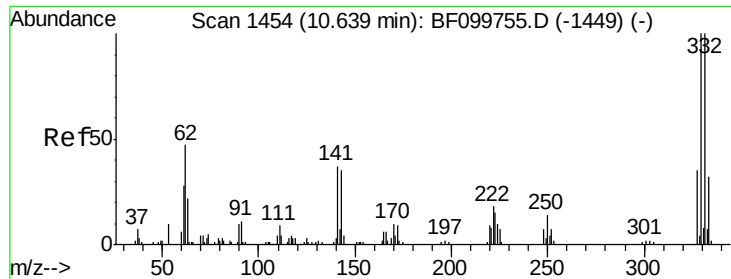
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion: 164 Resp: 178789
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 43.9 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

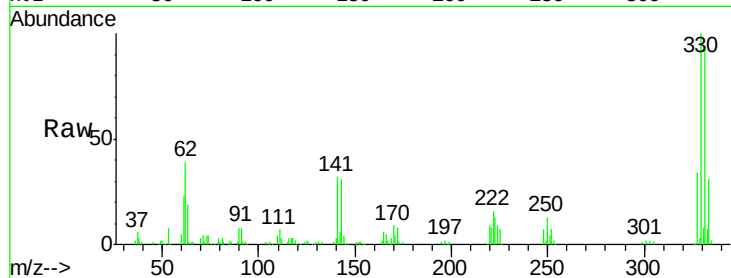




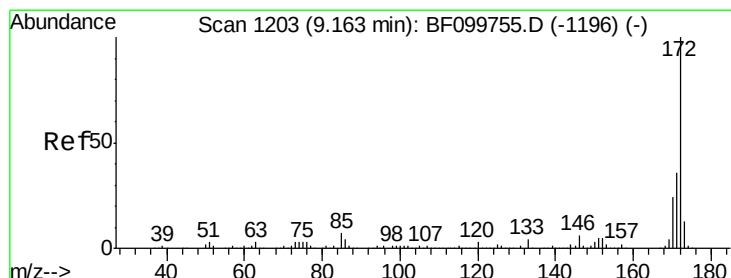
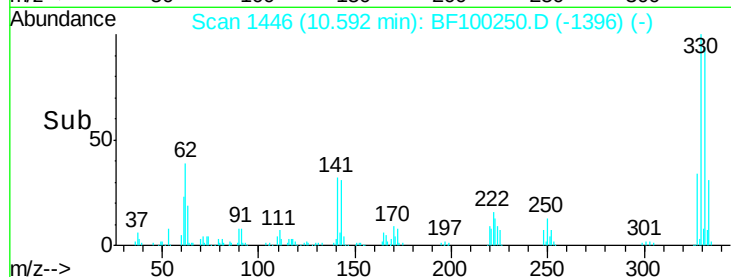
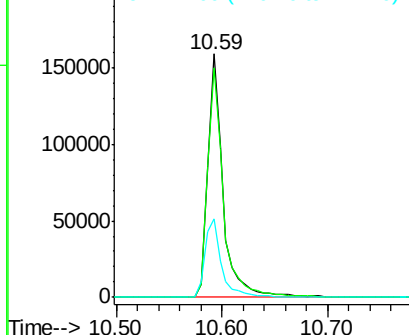
#41
 2,4,6-Tribromophenol
 Concen: 98.701 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103849BL

Tgt Ion:330 Resp: 160817
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 35.1 29.9 44.9

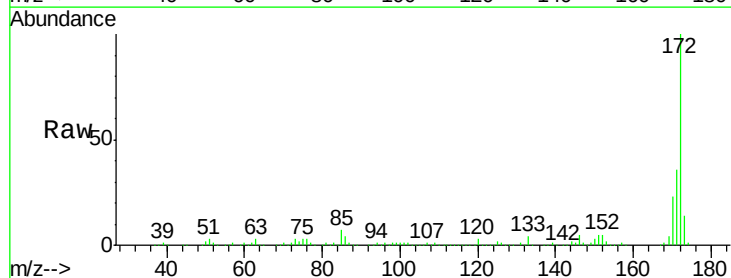


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

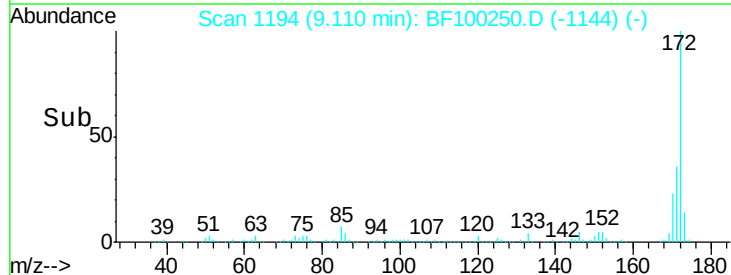
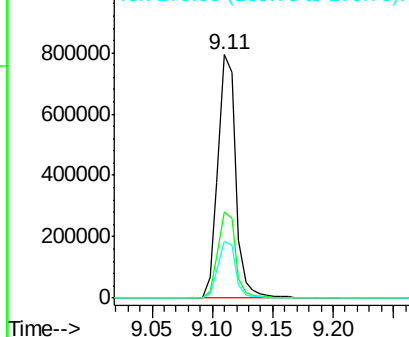


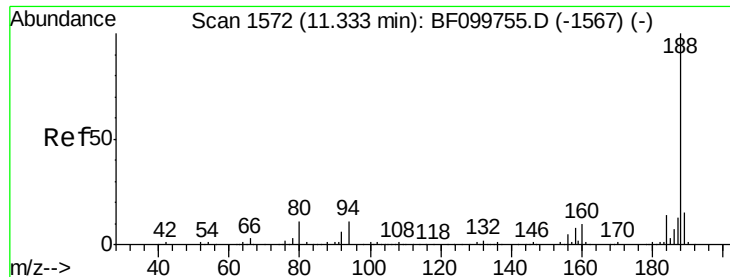
#44
 2-Fluorobiphenyl
 Concen: 69.933 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion:172 Resp: 810401
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 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

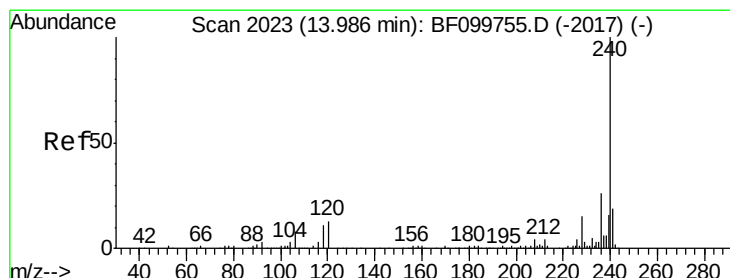
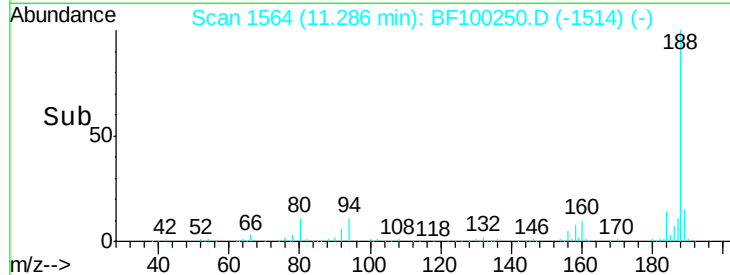
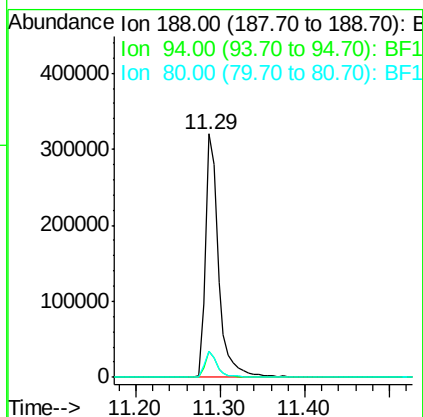
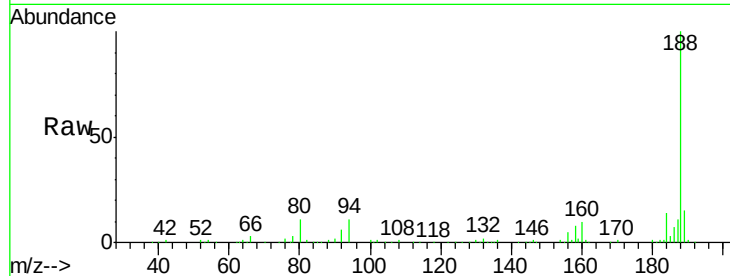




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

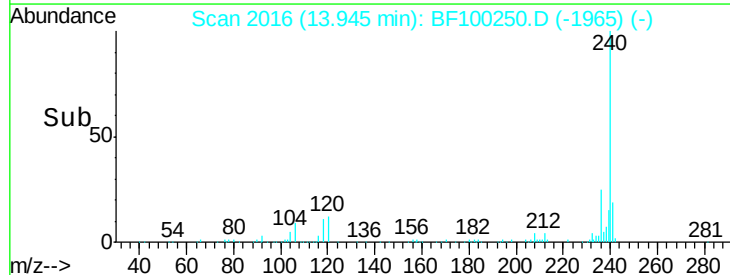
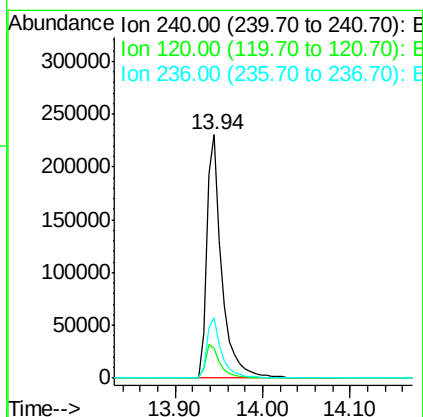
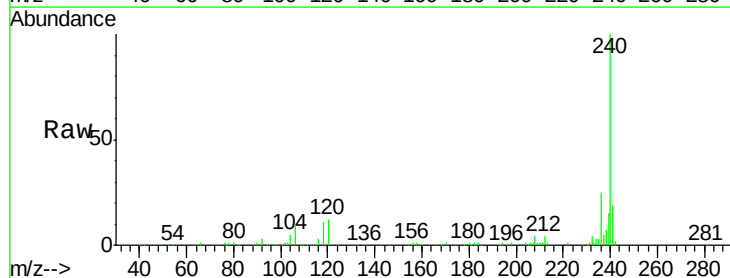
Instrument :
BNA_F
ClientSampleId :
PB103849BL

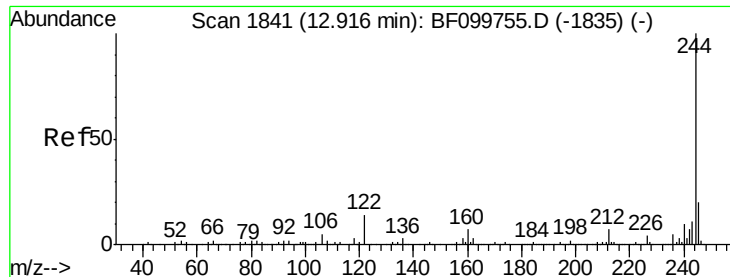
Tgt Ion:188 Resp: 345909
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Tgt Ion:240 Resp: 272329
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 62.130 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Instrument :

BNA_F

ClientSampleId :

PB103849BL

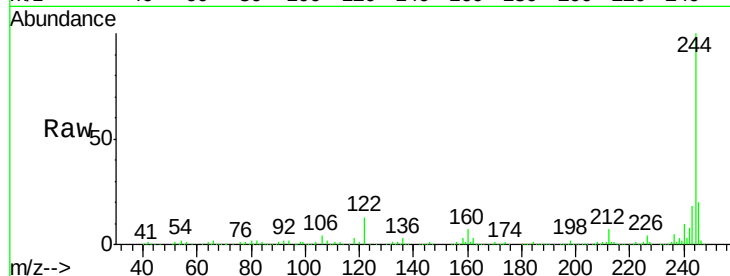
Tgt Ion:244 Resp: 774230

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

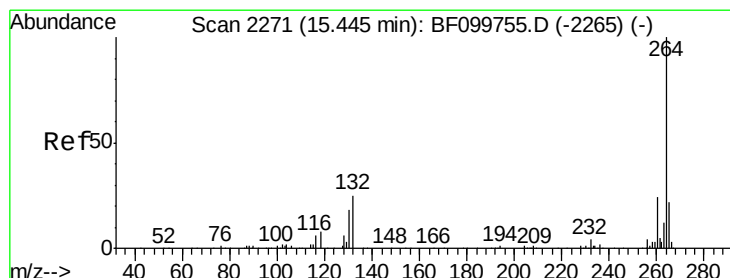
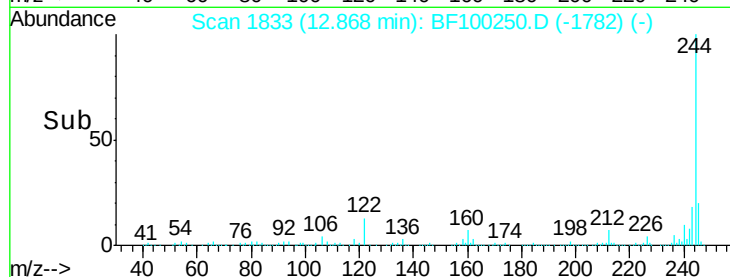
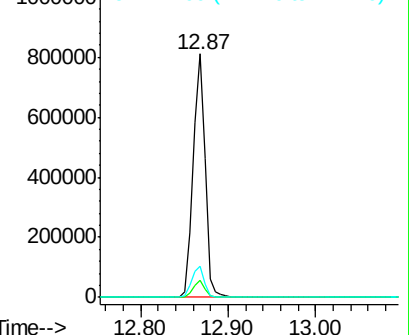
122 13.0 11.0 16.4



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: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

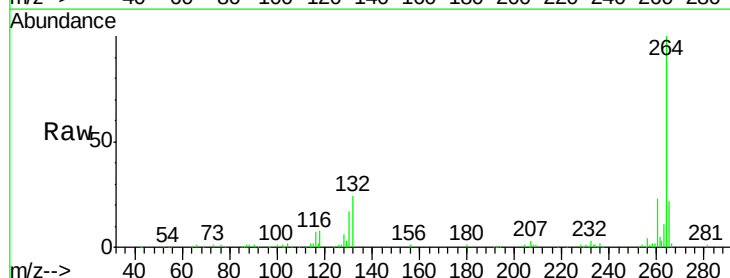
Tgt Ion:264 Resp: 201760

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.2 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

