

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100251.D
 Acq On : 6 Nov 2017 14:55
 Operator : SJ/JU
 Sample : PB103849TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103849TB

Quant Time: Nov 07 00:48:22 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	95270	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	398133	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	190823	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	379798	20.00	ng	0.00
75) Chrysene-d12	13.94	240	309790	20.00	ng	0.00
86) Perylene-d12	15.40	264	243019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	396360	65.32	ng	0.02
7) Phenol-d6	6.41	99	487755	67.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	385417	62.32	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	116445	66.96	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	817341	66.08	ng	0.00
78) Terphenyl-d14	12.87	244	849769	59.95	ng	0.00

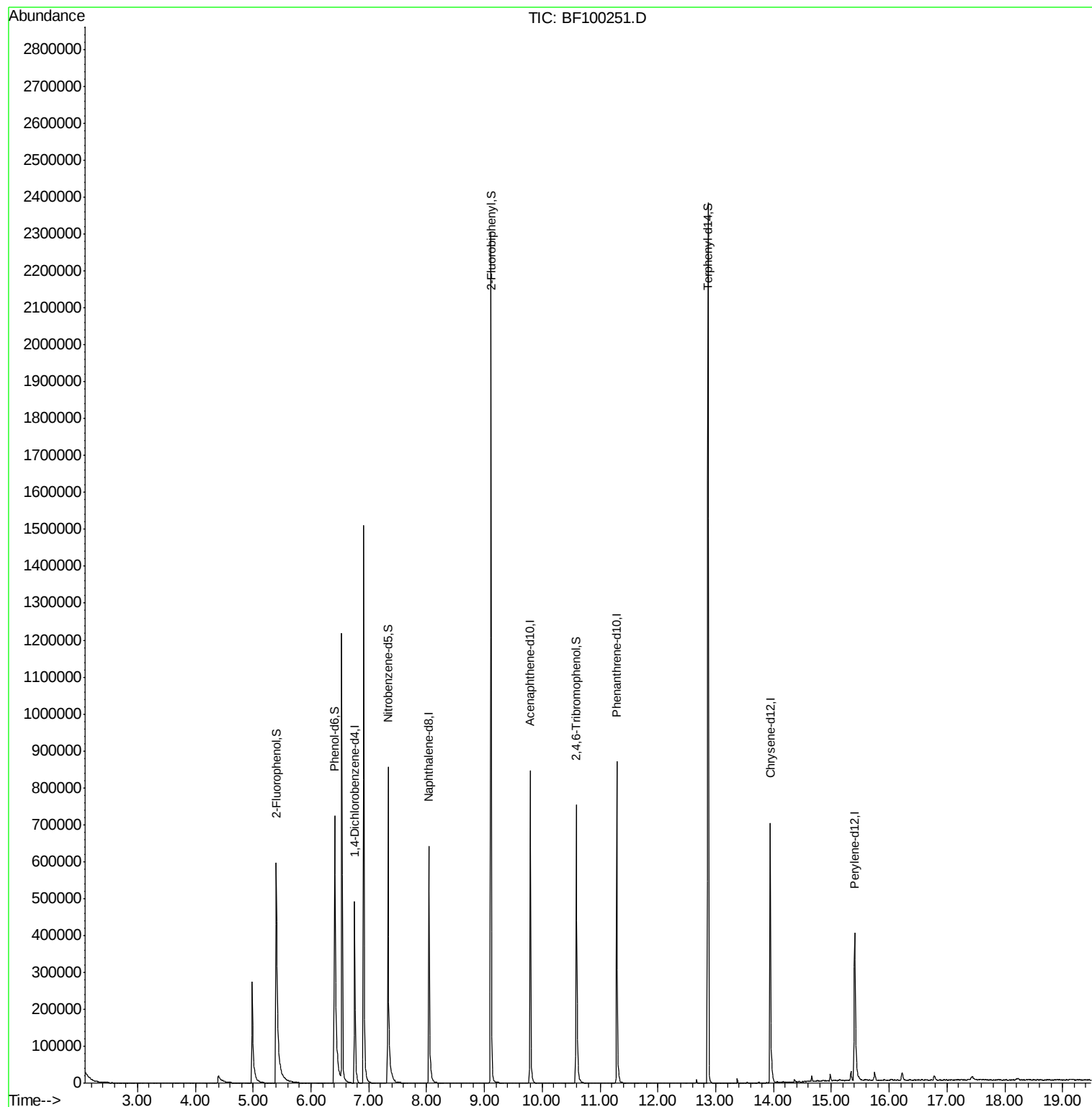
Target Compounds	Qvalue
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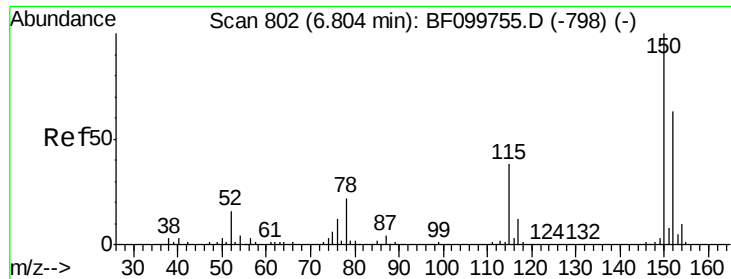
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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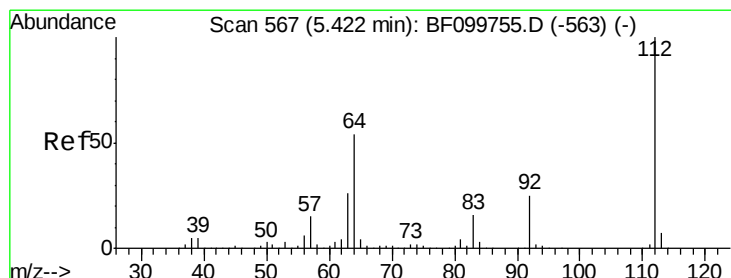
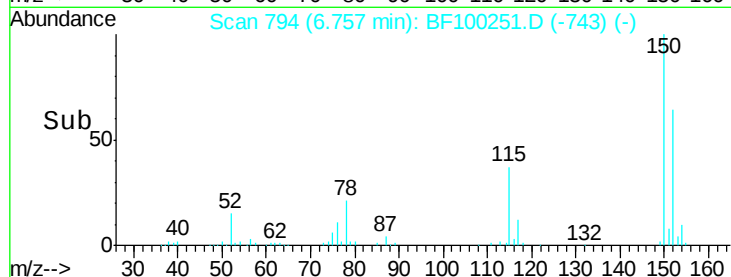
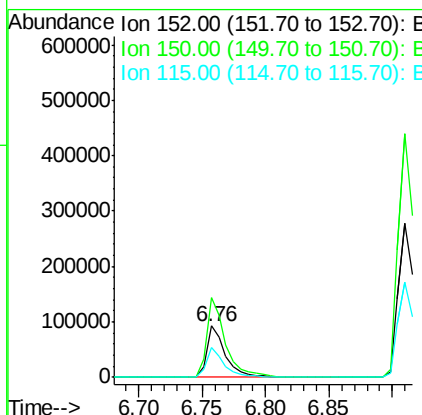
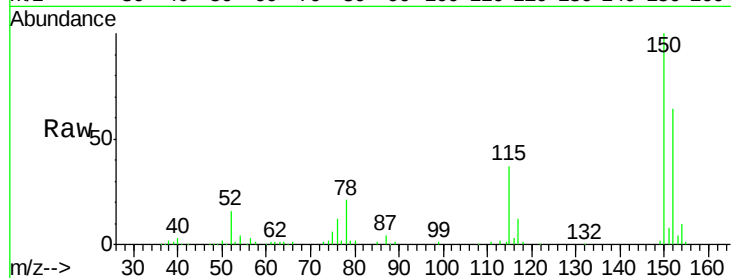


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100251.D
Acq: 6 Nov 2017 14:55

Instrument :
BNA_F
ClientSampleId :
PB103849TB

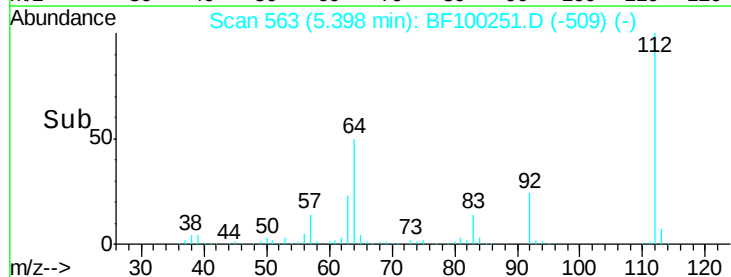
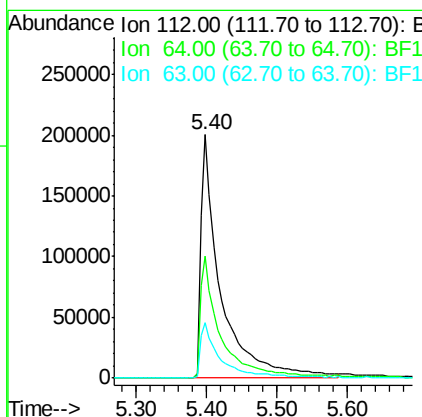
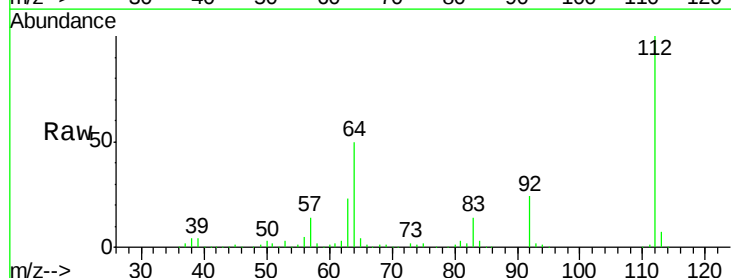
Tgt Ion:152 Resp: 95270
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 56.9 50.1 75.1

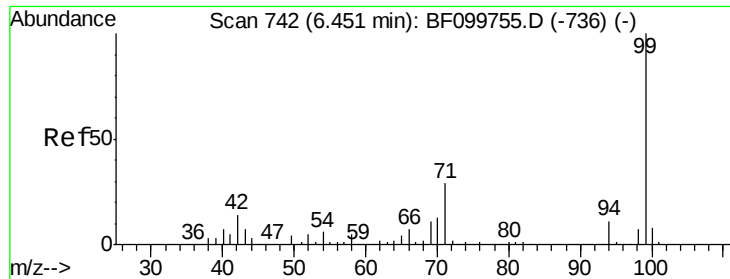


#5

2-Fluorophenol
Concen: 65.317 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100251.D
Acq: 6 Nov 2017 14:55

Tgt Ion:112 Resp: 396360
Ion Ratio Lower Upper
112 100
64 50.3 47.9 71.9
63 22.9 23.7 35.5#





#7

Phenol-d6

Concen: 67.788 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100251.D

Acq: 6 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB103849TB

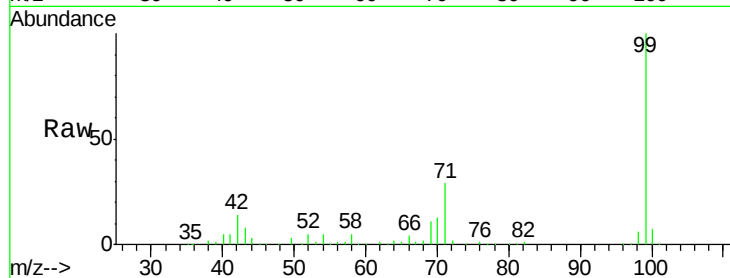
Tgt Ion: 99 Resp: 487755

Ion Ratio Lower Upper

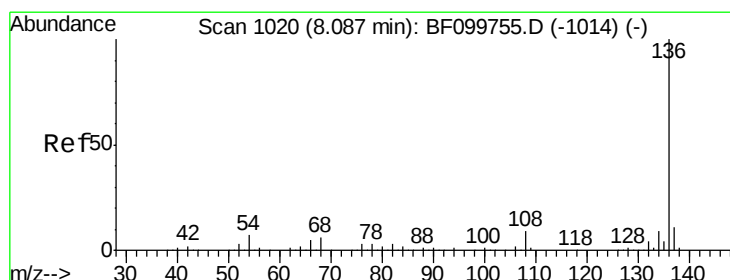
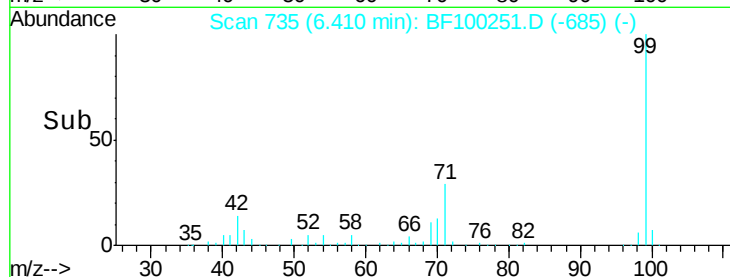
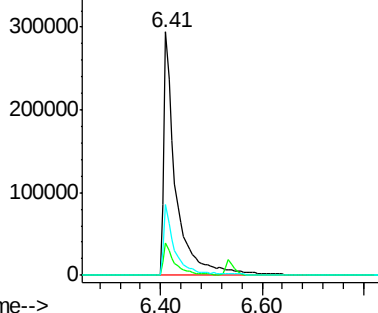
99 100

42 13.5 14.5 21.7#

71 29.1 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: BF100251.D

Acq: 6 Nov 2017 14:55

Tgt Ion: 136 Resp: 398133

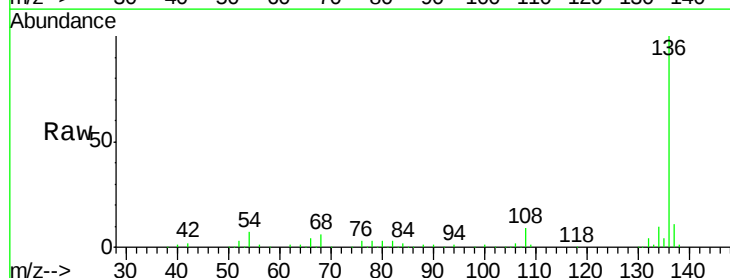
Ion Ratio Lower Upper

136 100

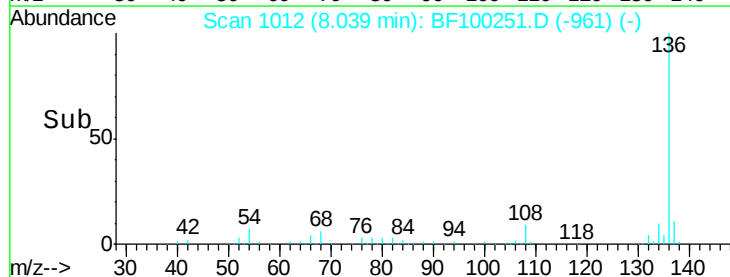
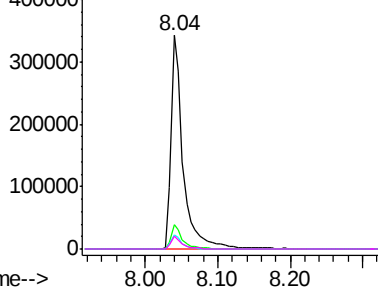
137 11.3 8.9 13.3

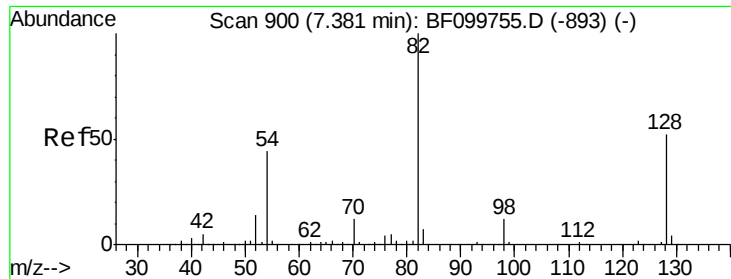
54 6.6 6.6 9.8

68 5.9 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

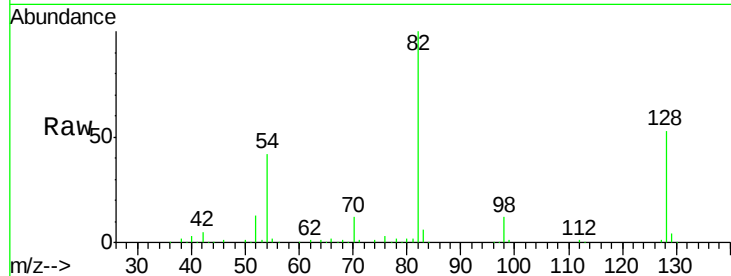




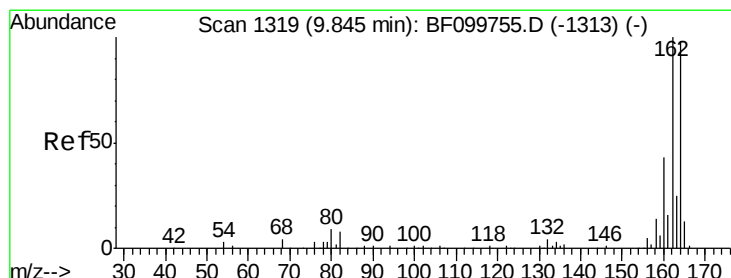
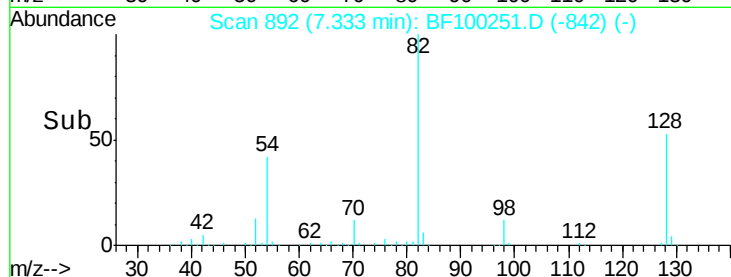
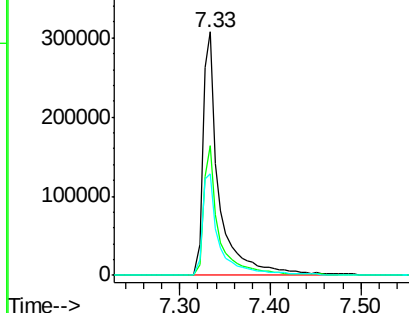
#23
 Nitrobenzene-d5
 Concen: 62.324 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100251.D
 Acq: 6 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103849TB

Tgt Ion: 82 Resp: 385417
 Ion Ratio Lower Upper
 82 100
 128 53.3 36.1 54.1
 54 41.8 41.4 62.2

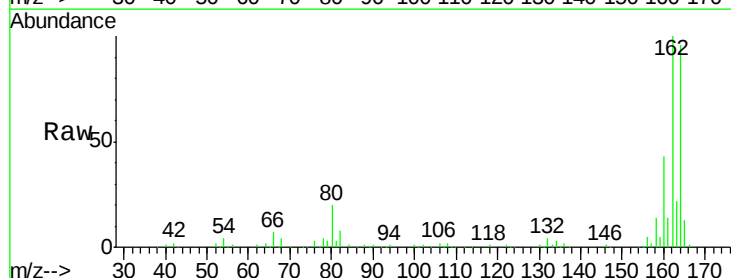


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

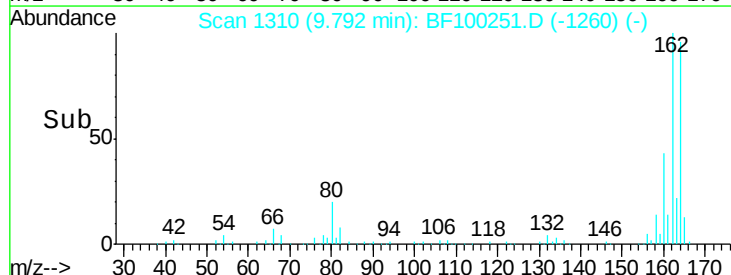
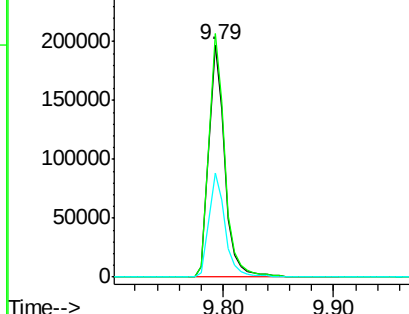


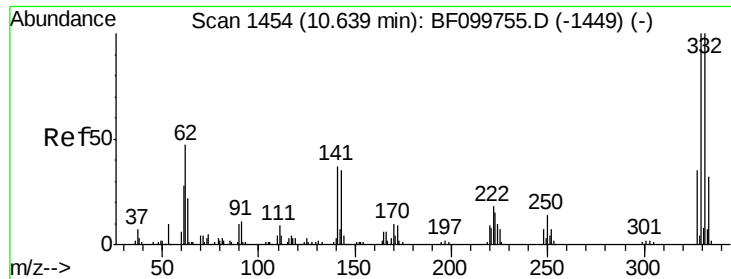
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100251.D
 Acq: 6 Nov 2017 14:55

Tgt Ion: 164 Resp: 190823
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.0 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

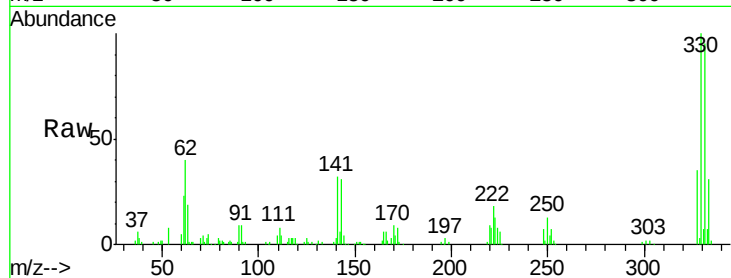




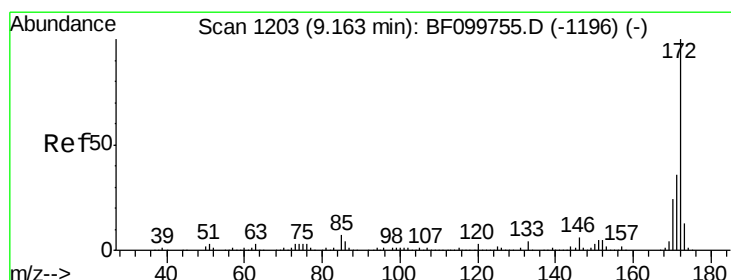
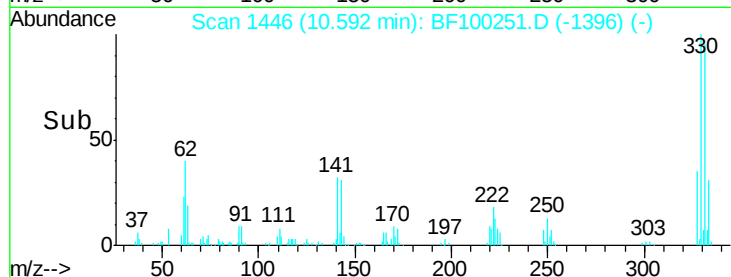
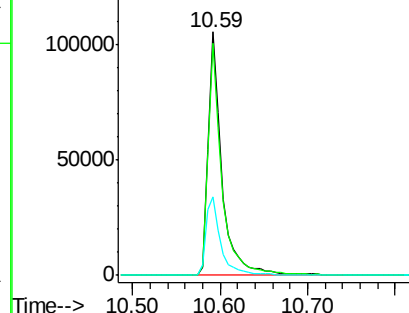
#41
 2,4,6-Tribromophenol
 Concen: 66.961 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100251.D
 Acq: 6 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103849TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.1	29.9	44.9

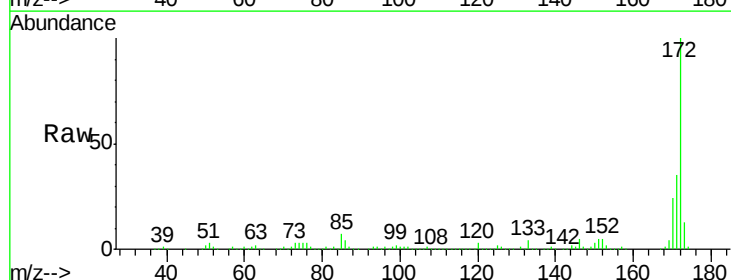


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

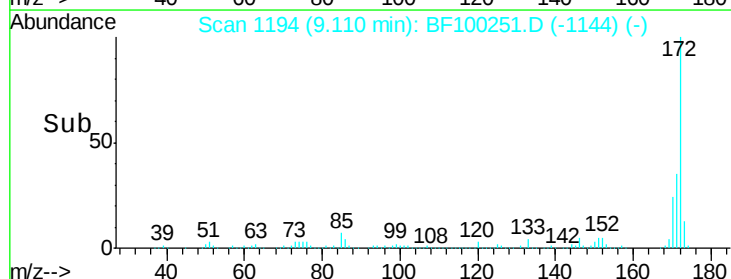
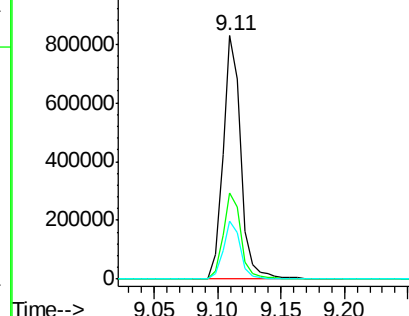


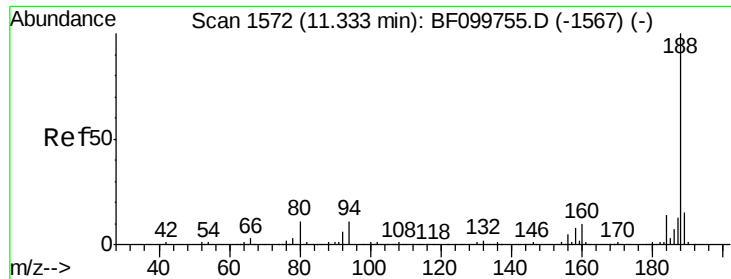
#44
 2-Fluorobiphenyl
 Concen: 66.084 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100251.D
 Acq: 6 Nov 2017 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	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

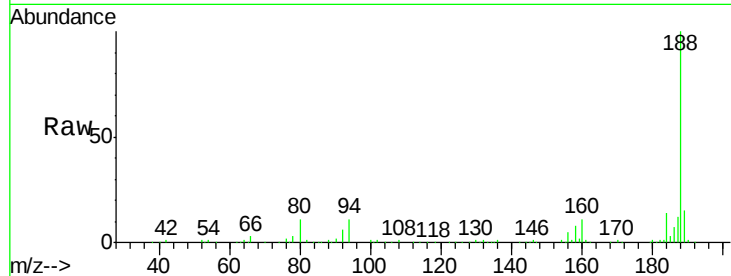




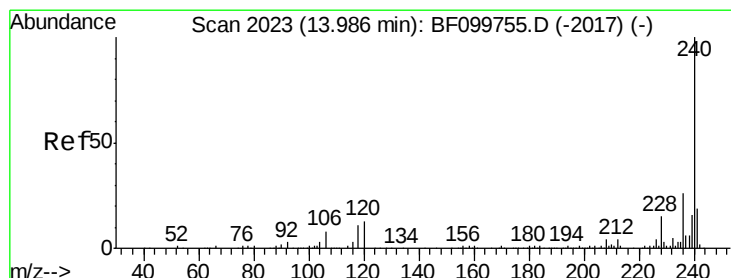
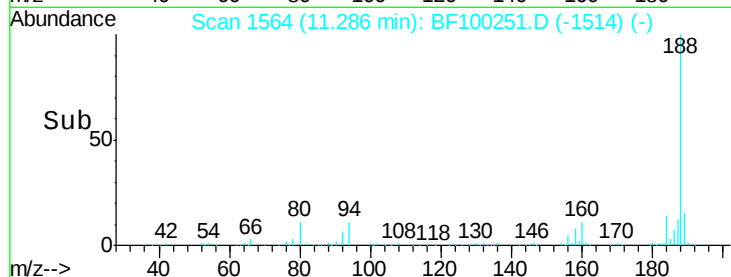
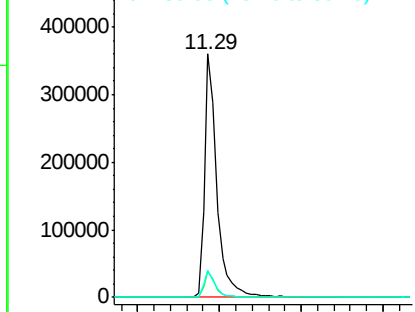
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100251.D
Acq: 6 Nov 2017 14:55

Instrument :
BNA_F
ClientSampleId :
PB103849TB

Tgt Ion:188 Resp: 379798
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8

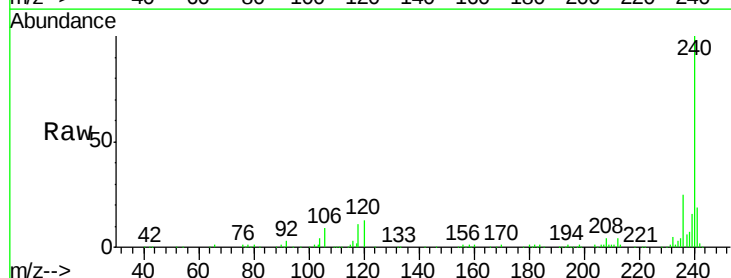


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

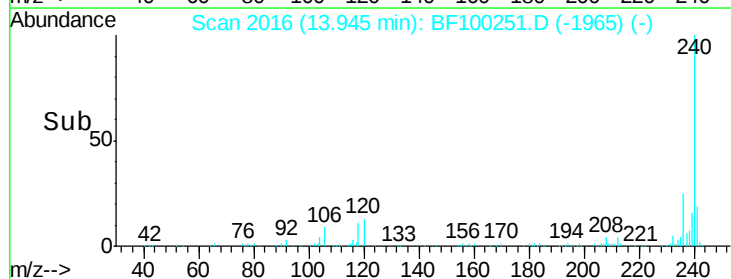
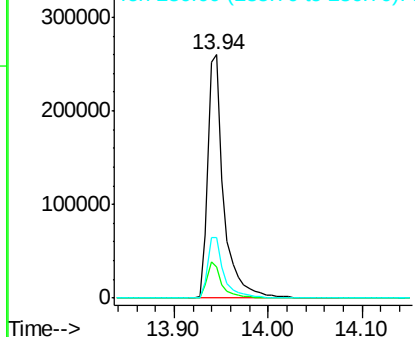


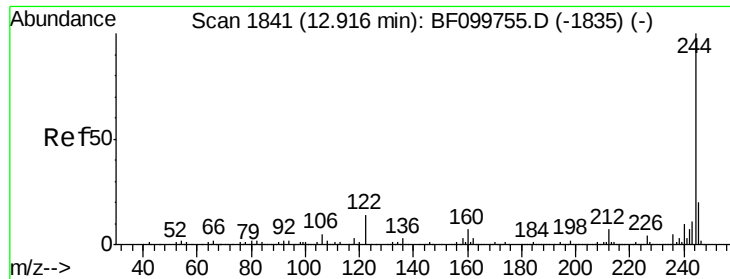
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100251.D
Acq: 6 Nov 2017 14:55

Tgt Ion:240 Resp: 309790
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 24.8 20.7 31.1



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: 59.946 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100251.D

Acq: 6 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB103849TB

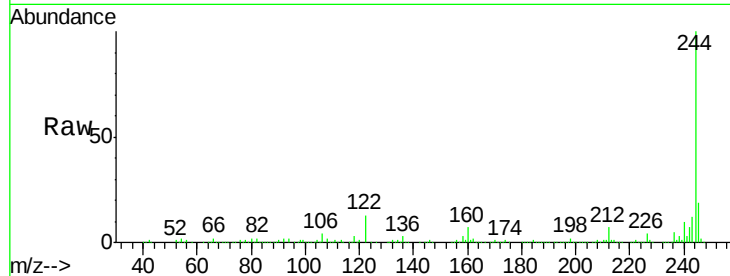
Tgt Ion:244 Resp: 849769

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

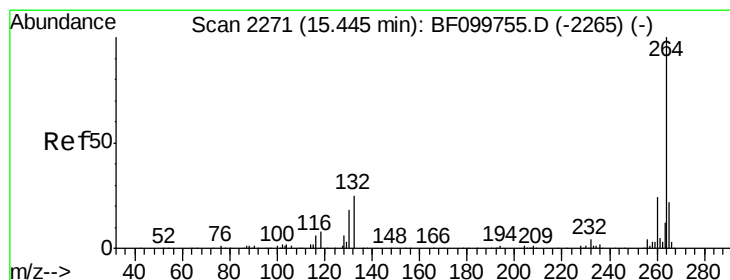
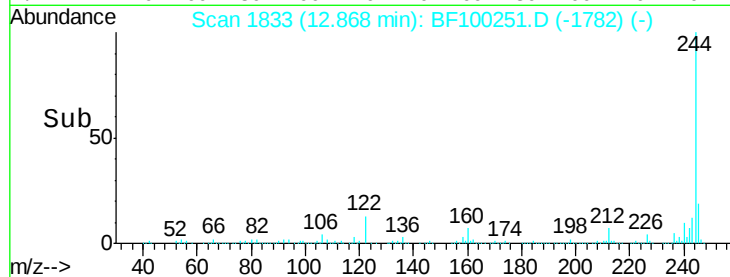
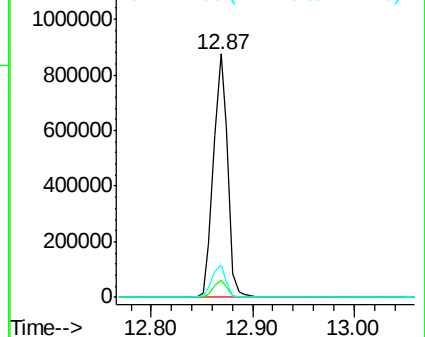
122 13.3 11.0 16.4



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: BF100251.D

Acq: 6 Nov 2017 14:55

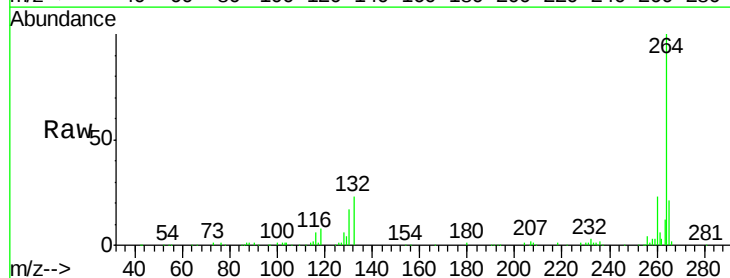
Tgt Ion:264 Resp: 243019

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 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

