

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100262.D
 Acq On : 6 Nov 2017 20:27
 Operator : SJ/JU
 Sample : PB104022BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104022BL

Quant Time: Nov 07 01:38:27 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	80038	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	336084	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	161435	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	286685	20.00	ng	0.00
75) Chrysene-d12	13.94	240	147141	20.00	ng	0.00
86) Perylene-d12	15.41	264	140676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	478659	93.89	ng	0.01
7) Phenol-d6	6.41	99	580960	96.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	314923	60.33	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	123659	84.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	695377	66.46	ng	0.00
78) Terphenyl-d14	12.87	244	561271	83.36	ng	0.00

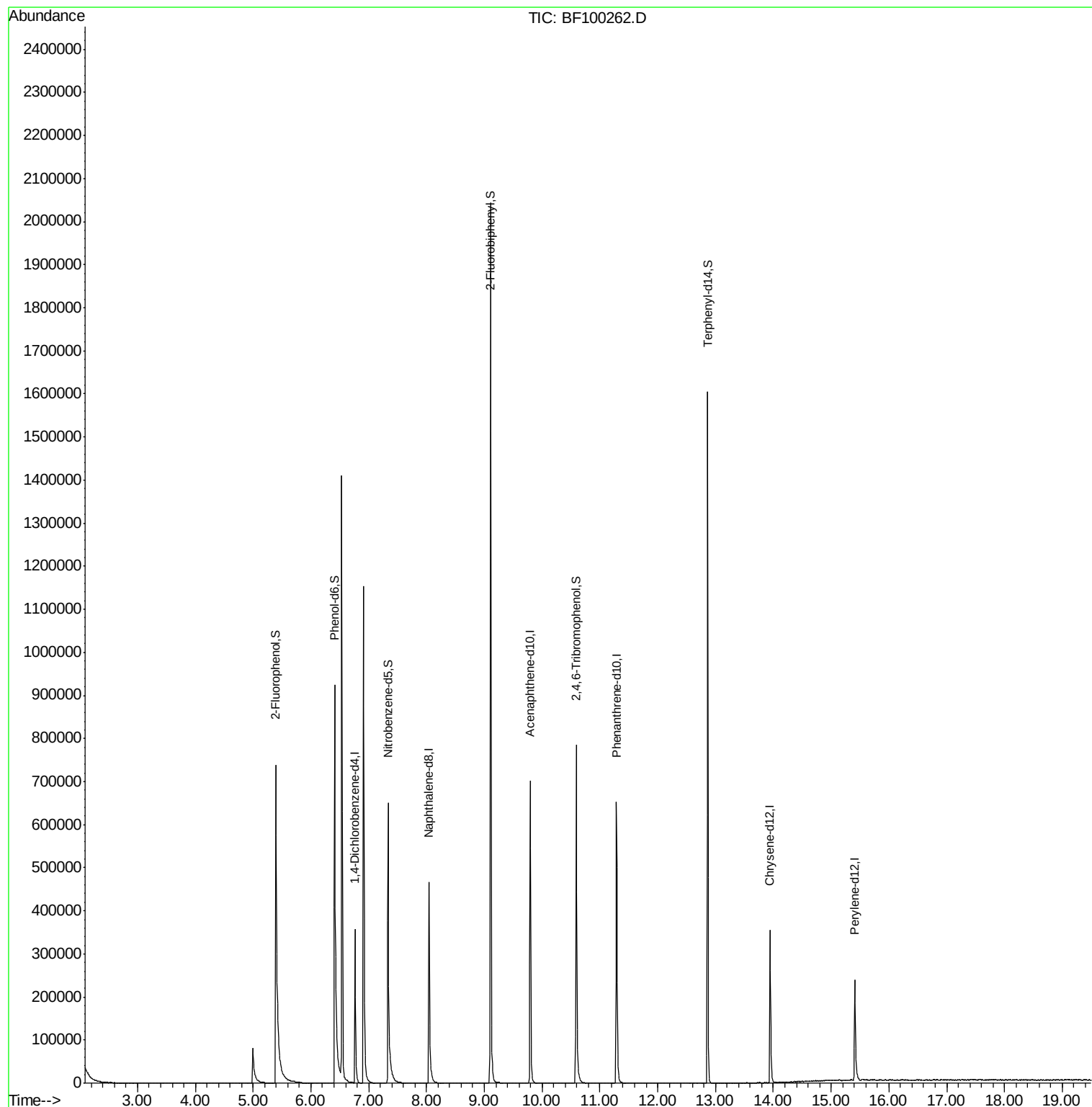
Target Compounds	Qvalue
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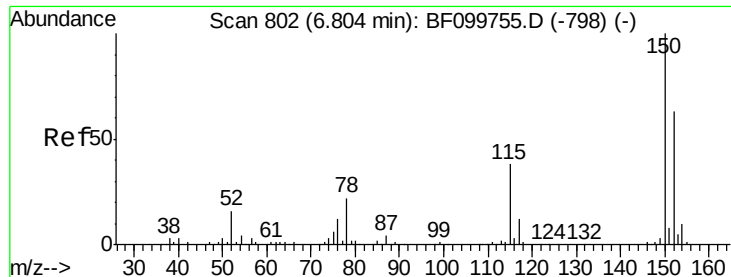
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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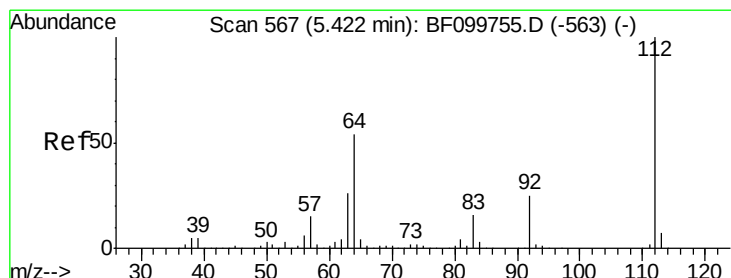
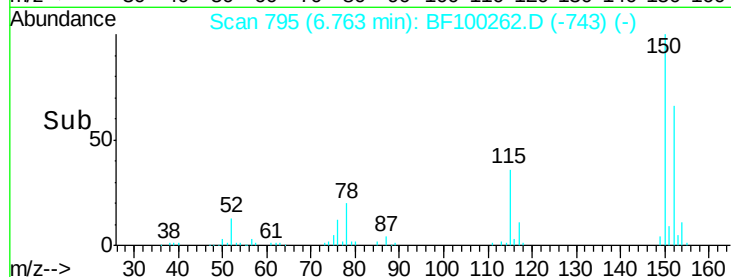
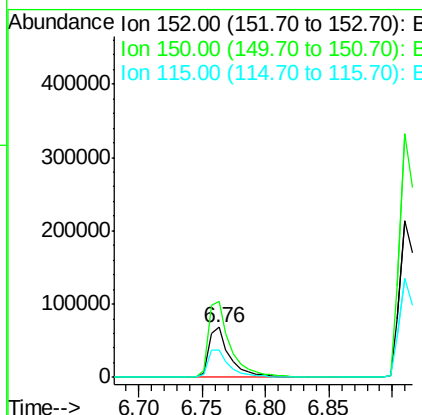
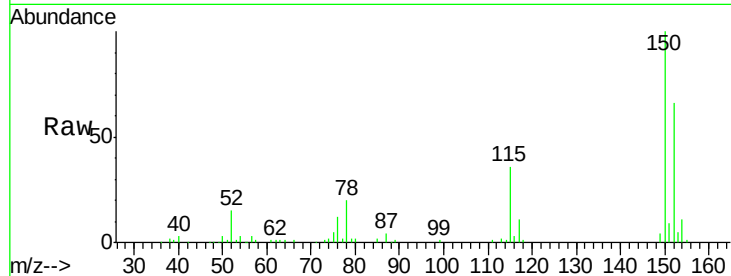


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PB104022BL

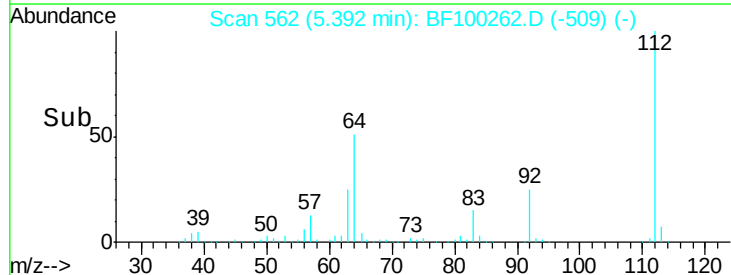
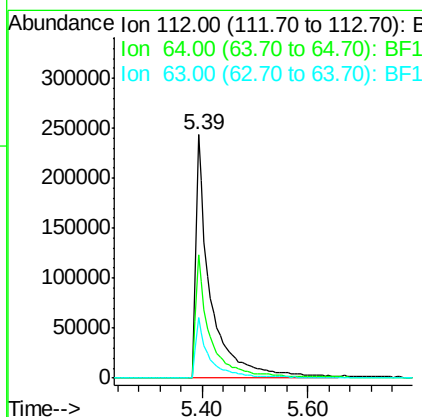
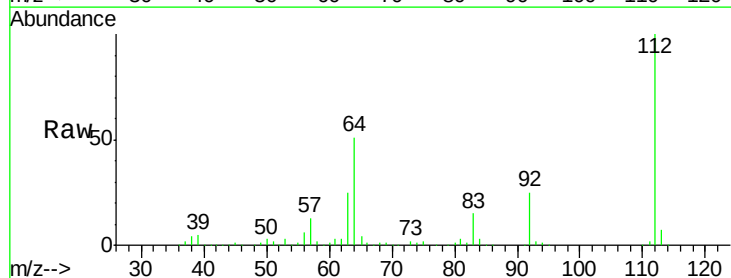
Tgt Ion:152 Resp: 80038
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 54.8 50.1 75.1

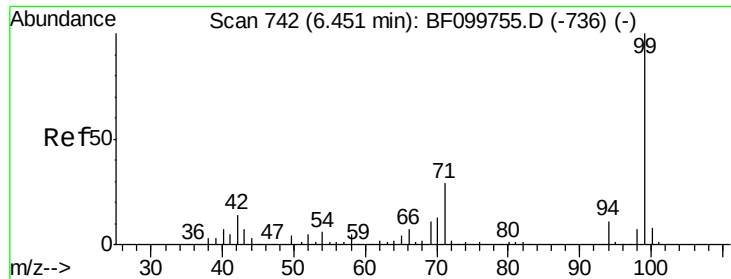


#5

2-Fluorophenol
Concen: 93.890 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:112 Resp: 478659
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 96.108 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PB104022BL

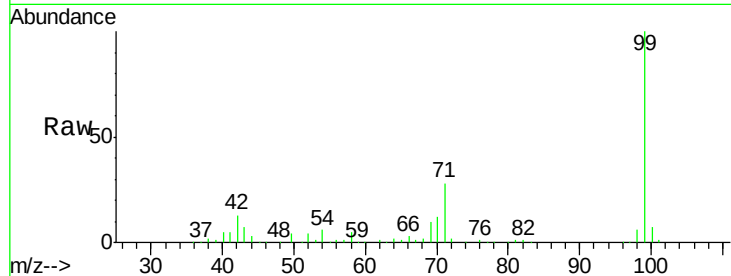
Tgt Ion: 99 Resp: 580960

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

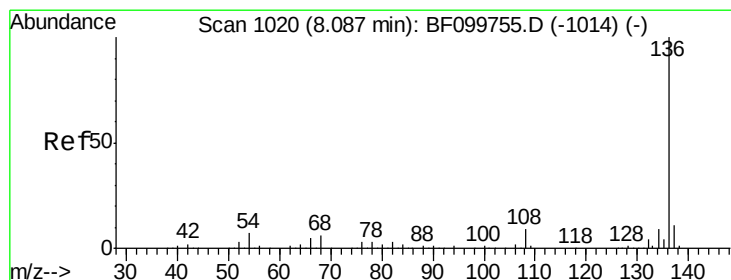
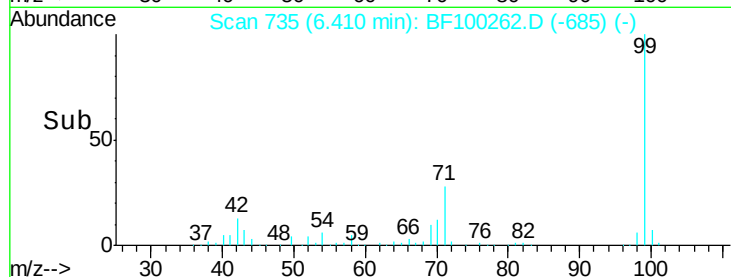
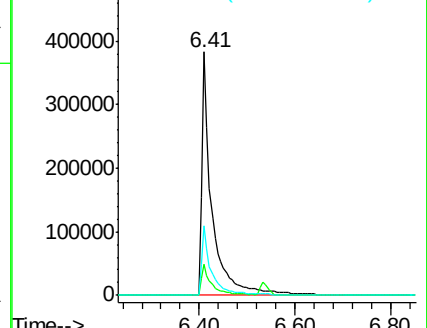
71 28.4 25.4 38.0



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# 1013

Delta R.T. 0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Tgt Ion: 136 Resp: 336084

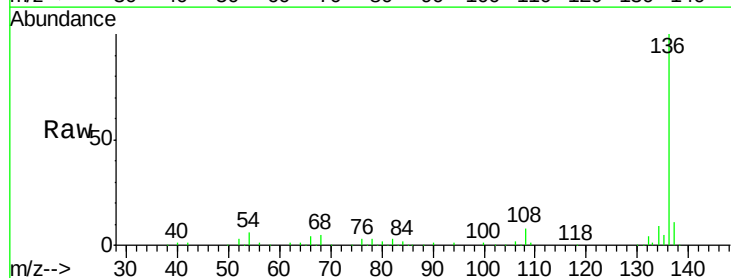
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.8 6.6 9.8#

68 4.9 5.0 7.4#

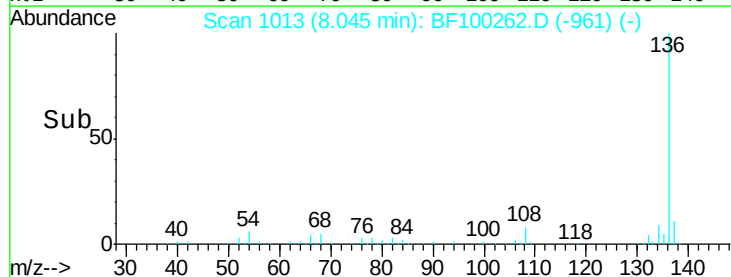
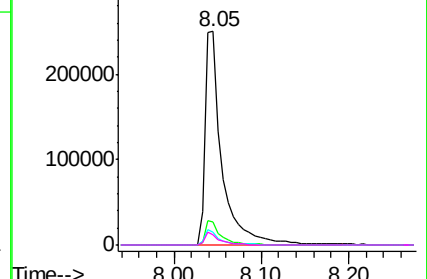


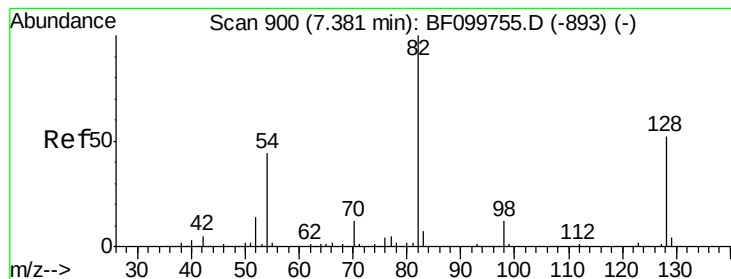
Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.327 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PB104022BL

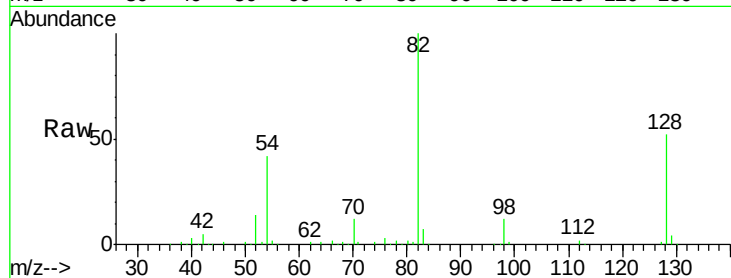
Tgt Ion: 82 Resp: 314923

Ion Ratio Lower Upper

82 100

128 52.0 36.1 54.1

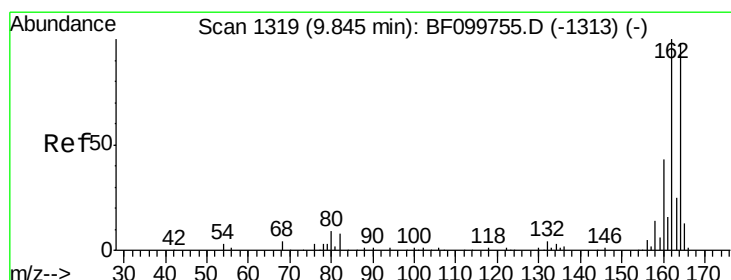
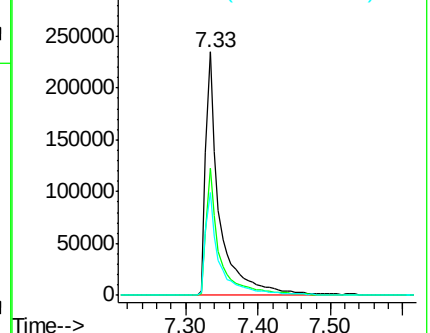
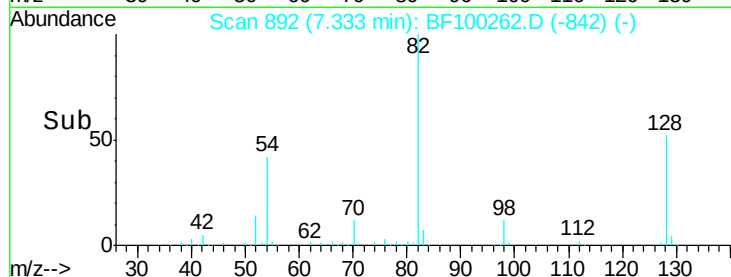
54 42.1 41.4 62.2



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: BF100262.D

Acq: 6 Nov 2017 20:27

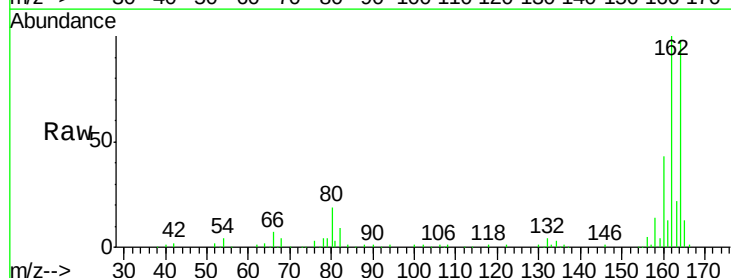
Tgt Ion: 164 Resp: 161435

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

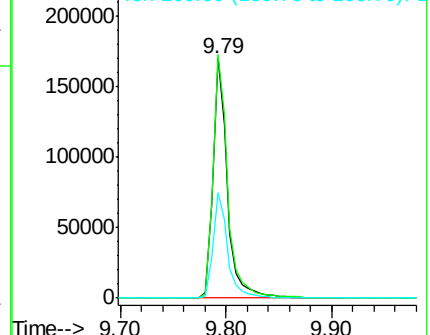
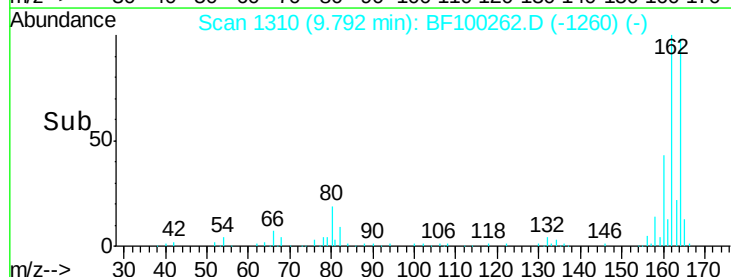
160 43.9 38.3 57.5

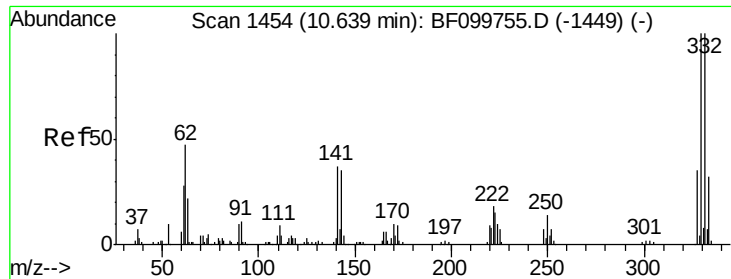


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

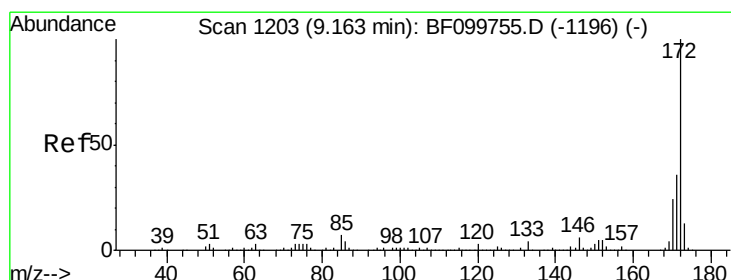
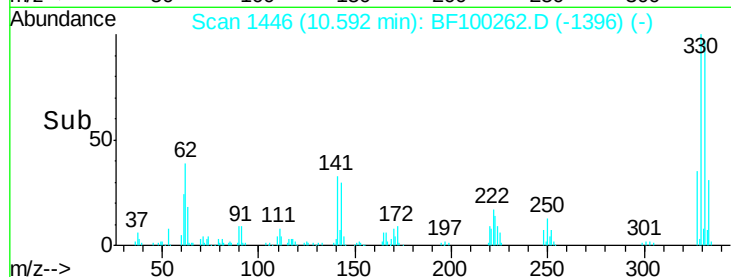
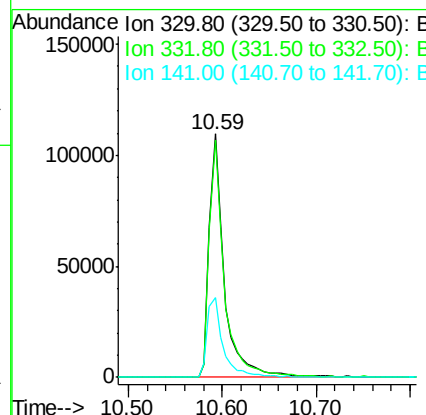
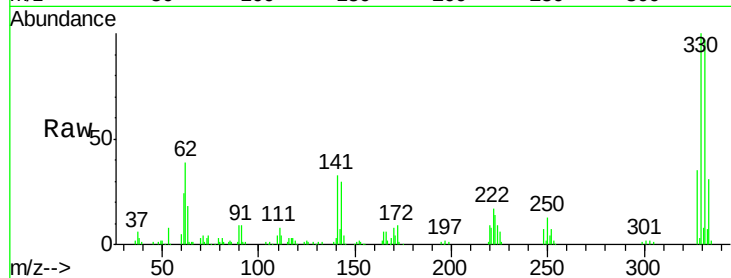




#41
 2,4,6-Tribromophenol
 Concen: 84.054 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

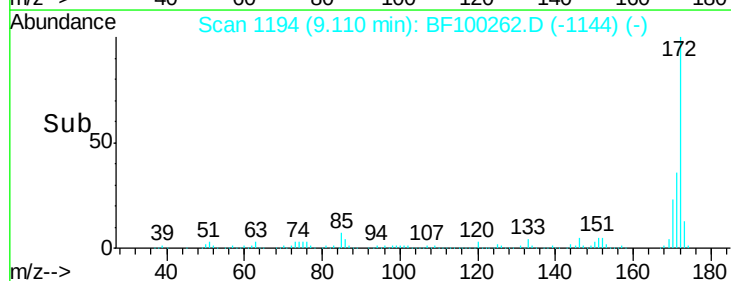
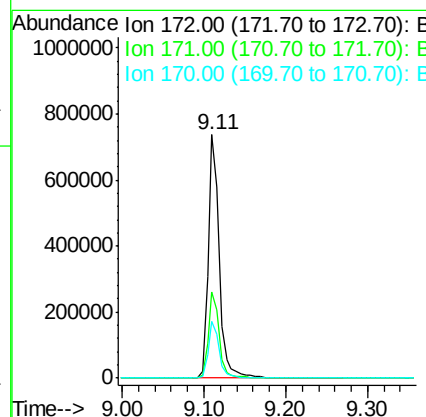
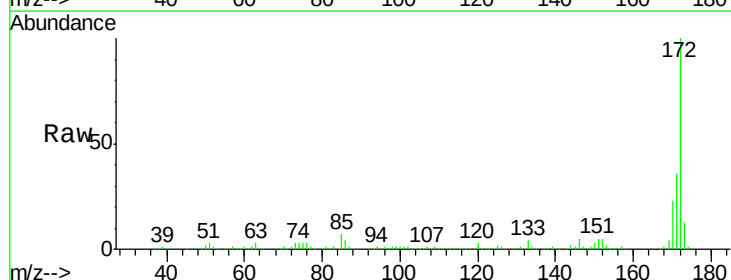
Instrument :
 BNA_F
 ClientSampled :
 PB104022BL

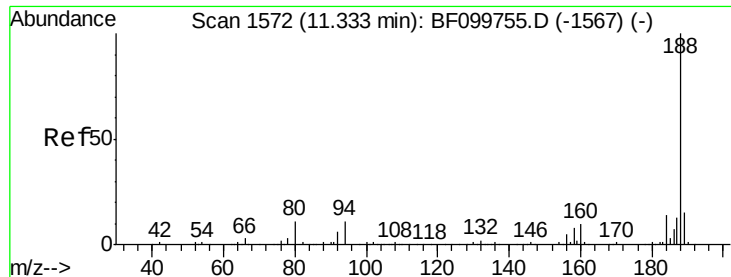
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	35.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 66.457 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

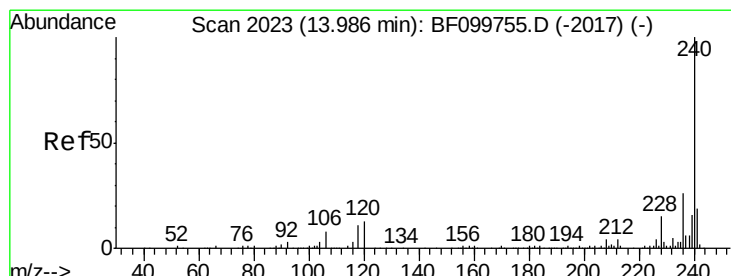
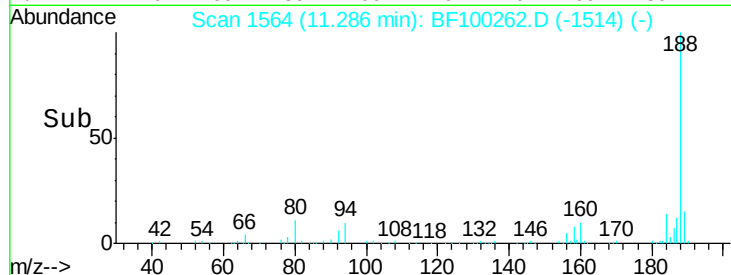
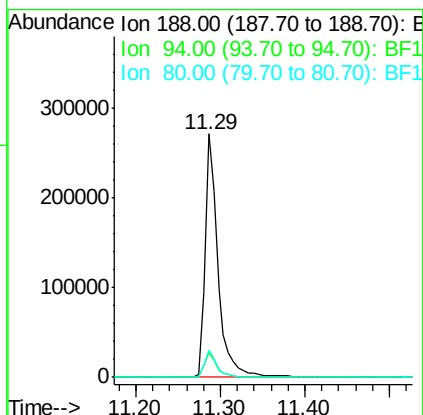
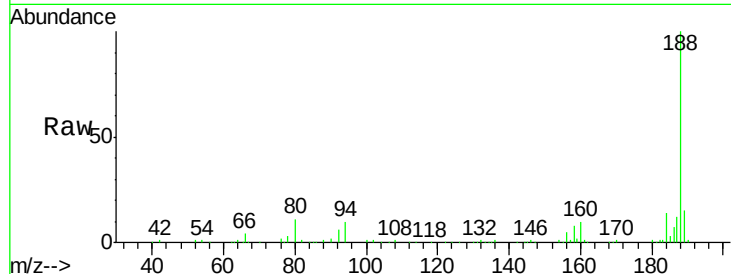




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

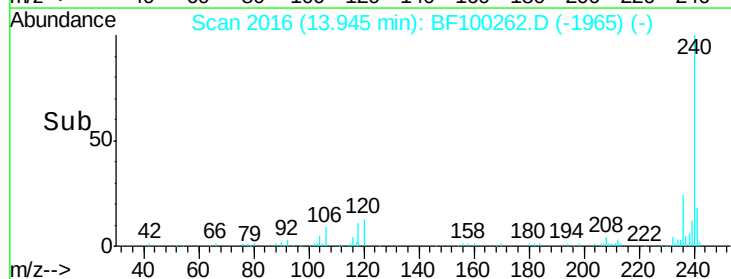
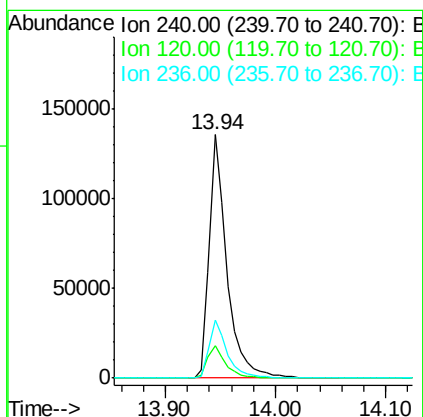
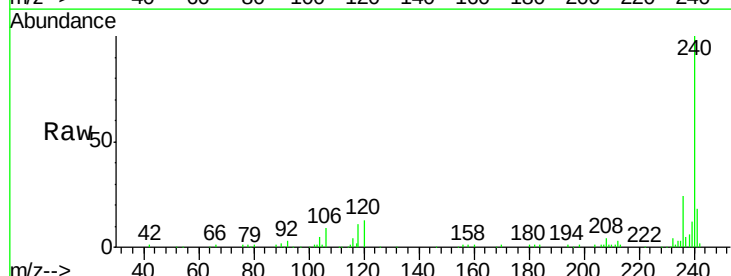
Instrument :
BNA_F
ClientSampleId :
PB104022BL

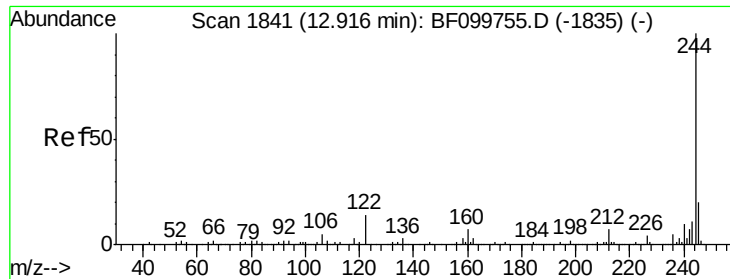
Tgt Ion:188 Resp: 286685
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:240 Resp: 147141
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 23.6 20.7 31.1





#78

Terphenyl-d14

Concen: 83.361 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PB104022BL

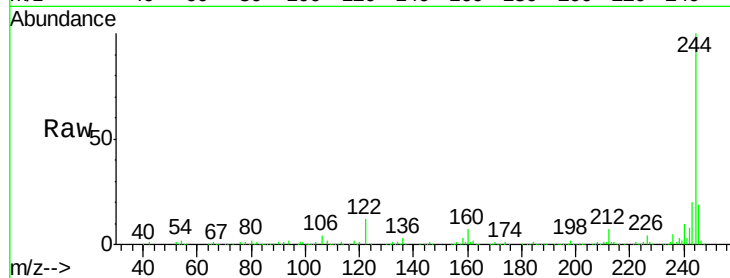
Tgt Ion:244 Resp: 561271

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

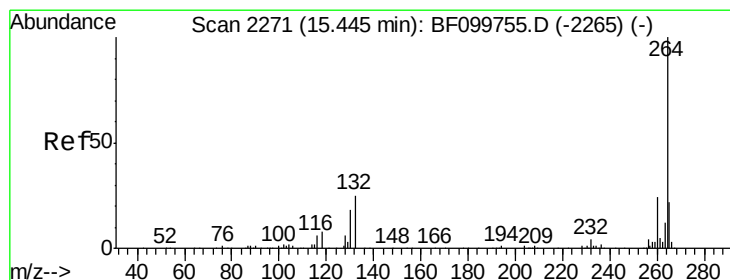
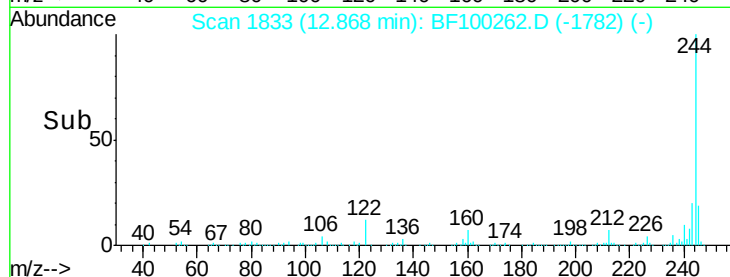
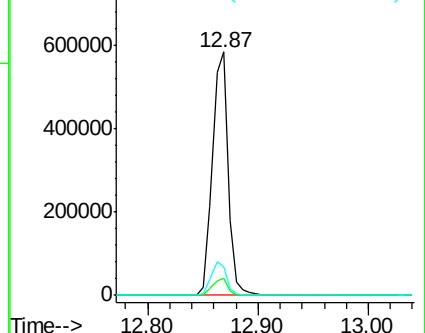
122 11.9 11.0 16.4



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. 0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

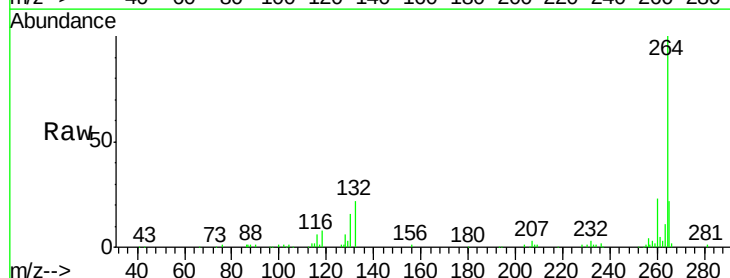
Tgt Ion:264 Resp: 140676

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.9 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

