

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100909.D
 Acq On : 27 Nov 2017 23:46
 Operator : SJ/JU
 Sample : PB104511BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104511BL

Quant Time: Nov 28 02:42:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64546	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	246209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	117156	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	211542	20.00	ng	0.00
75) Chrysene-d12	14.02	240	147247	20.00	ng	0.00
86) Perylene-d12	15.49	264	124378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	296945	73.75	ng	0.00
7) Phenol-d6	6.49	99	354089	71.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	327906	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	91586	76.72	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	691413	89.87	ng	0.00
78) Terphenyl-d14	12.97	244	546046	85.21	ng	0.00

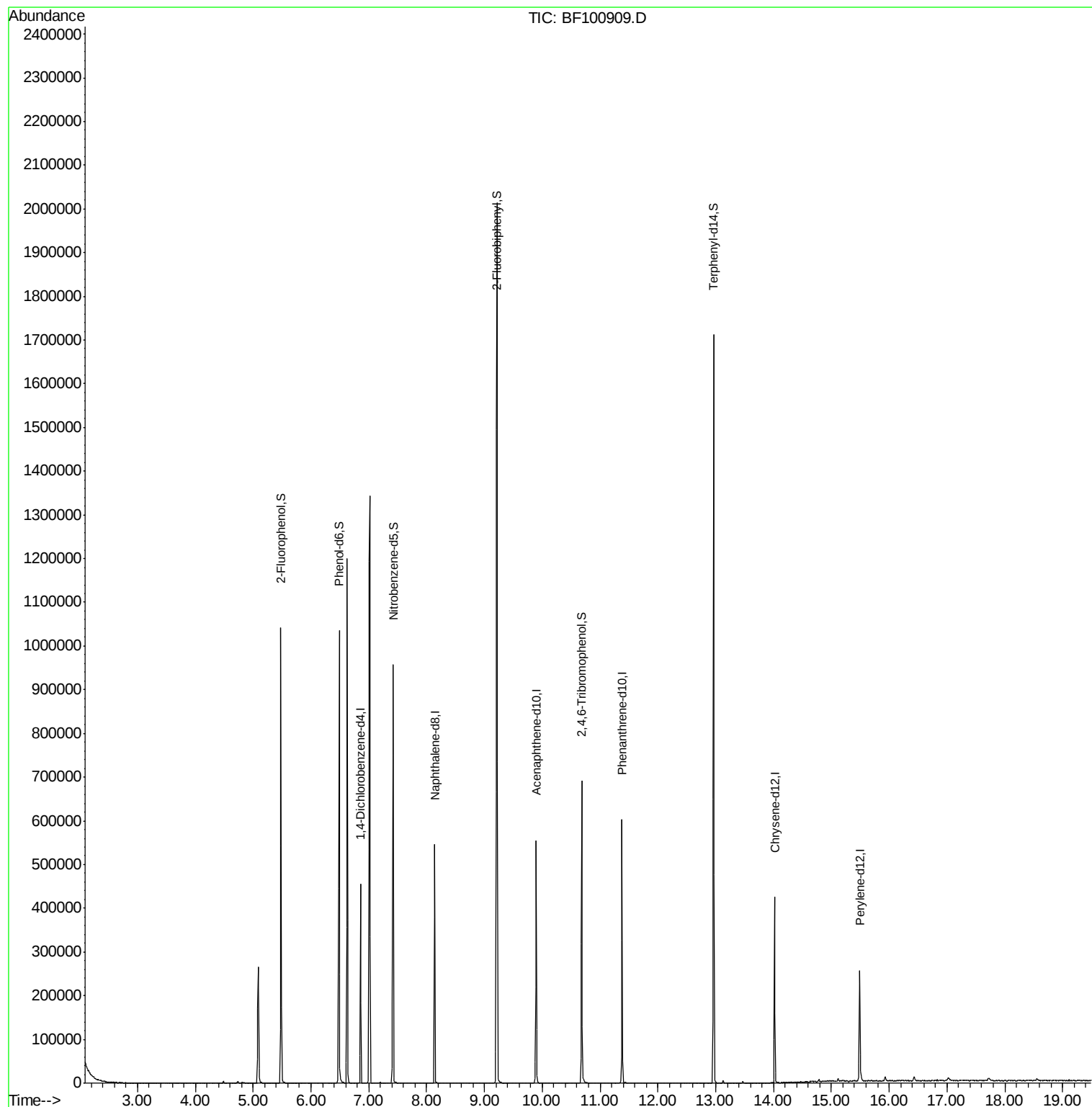
Target Compounds Qvalue

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

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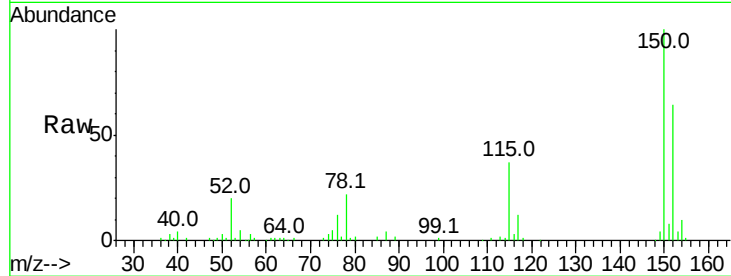


#1

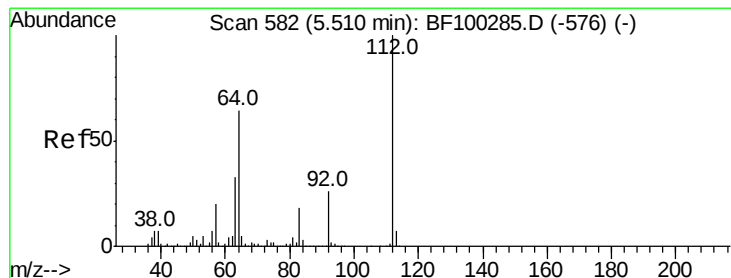
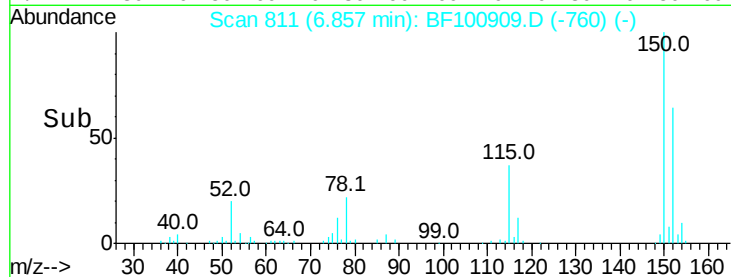
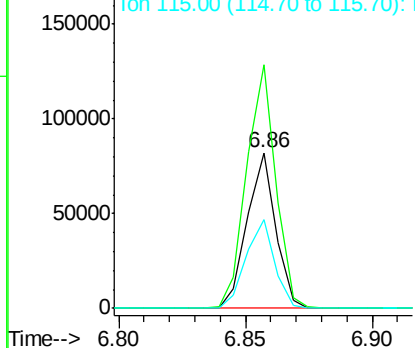
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

Instrument :
BNA_F
ClientSampleId :
PB104511BL

Tot Ion:152 Resp: 64546
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.5 50.1 75.1



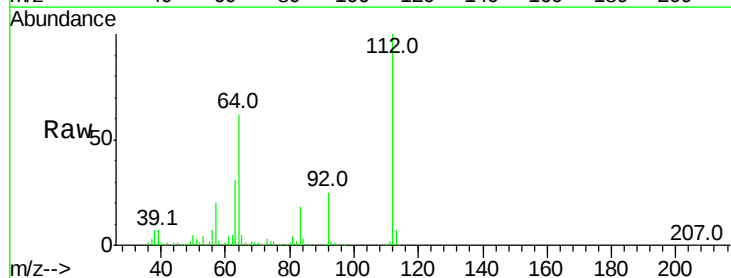
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



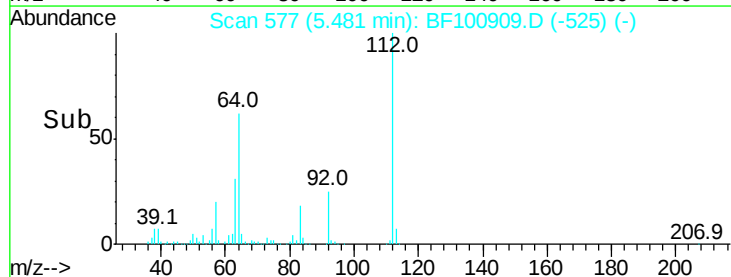
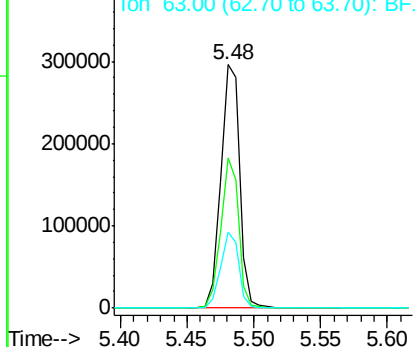
#5

2-Fluorophenol
Concen: 73.746 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

Tgt Ion:112 Resp: 296945
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.2 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: 71.312 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampleId :

PB104511BL

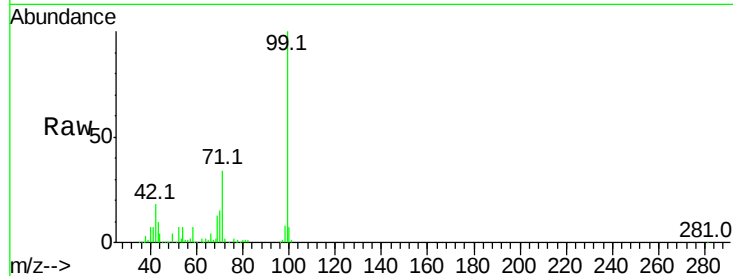
Tot Ion: 99 Resp: 354089

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

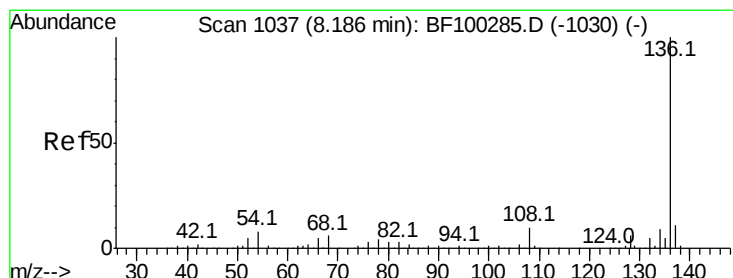
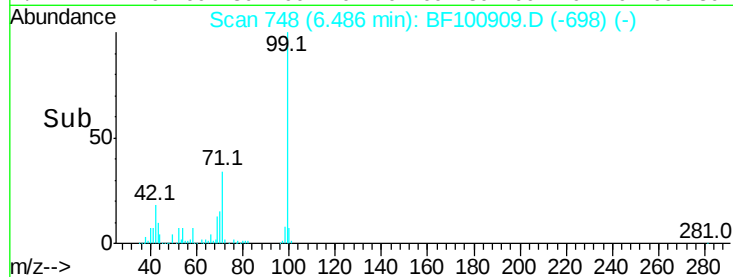
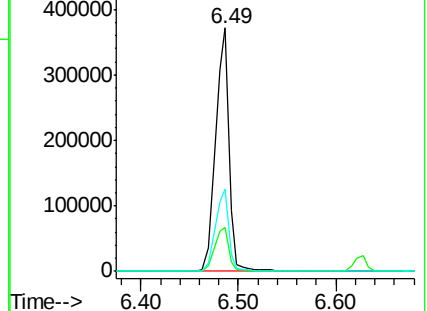
71 33.6 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Tgt Ion: 136 Resp: 246209

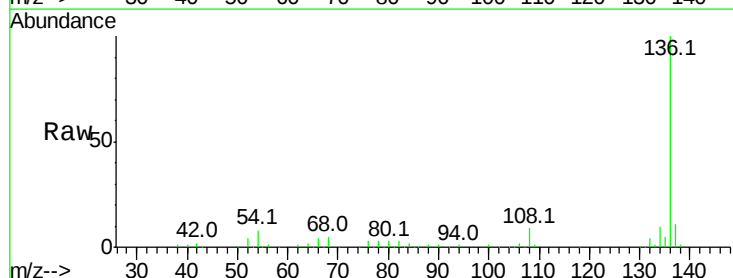
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 4.6 5.0 7.4#

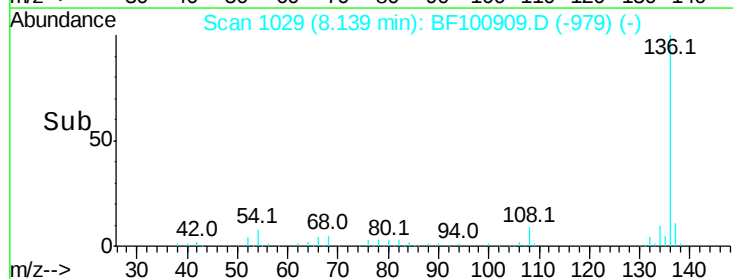
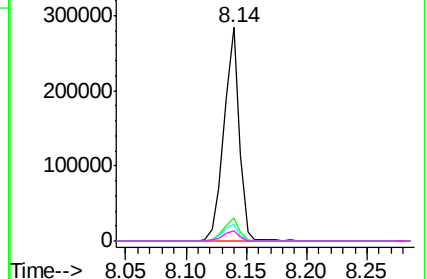


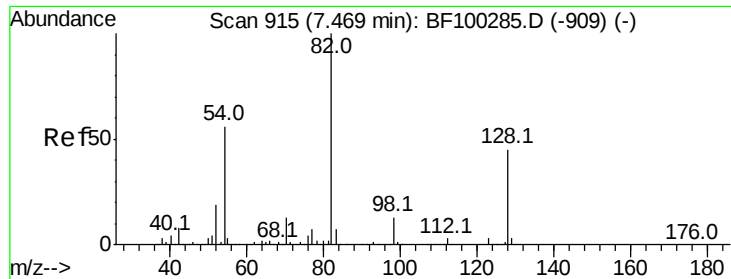
Abundance Ion 136.00 (135.70 to 136.70): E

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

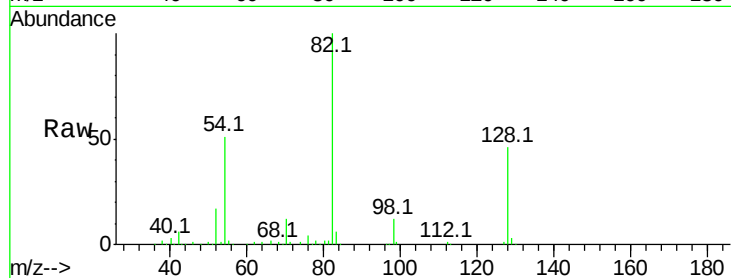




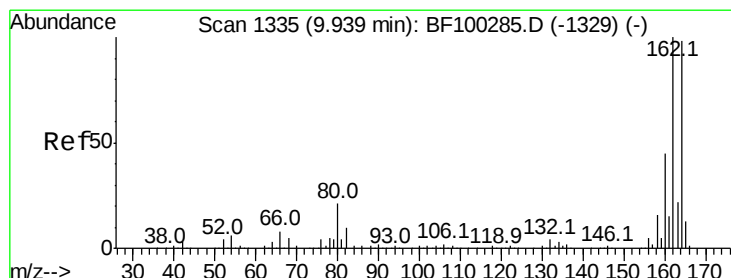
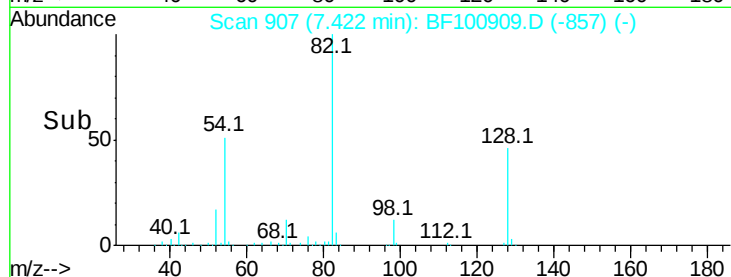
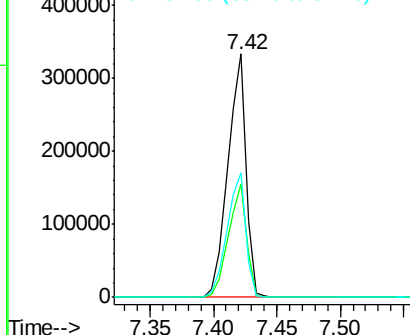
#23
Nitrobenzene-d5
Concen: 88.051 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

Instrument :
BNA_F
ClientSampleId :
PB104511BL

Tot Ion: 82 Resp: 327906
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 51.4 41.4 62.2

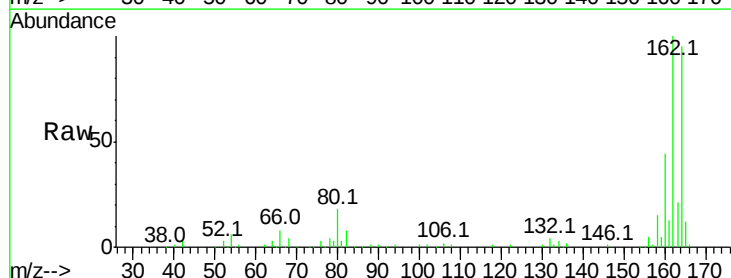


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

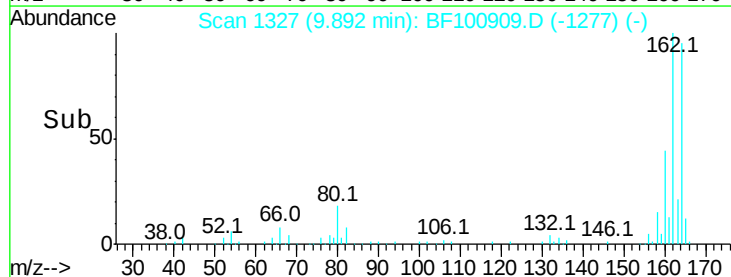
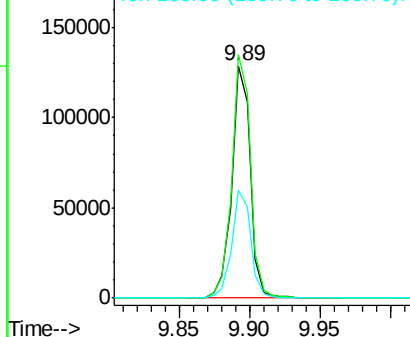


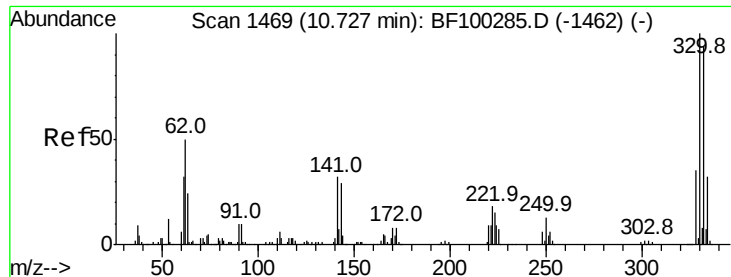
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

Tgt Ion:164 Resp: 117156
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 46.2 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

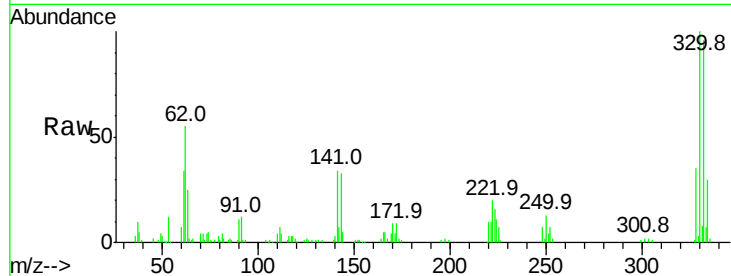




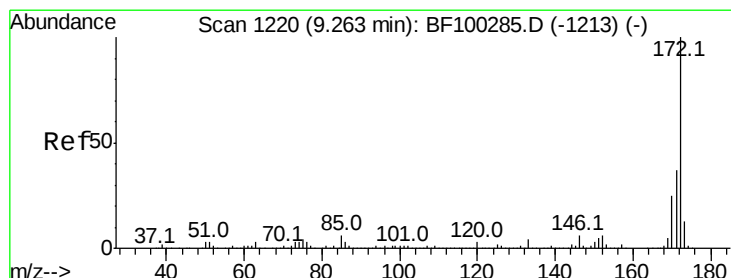
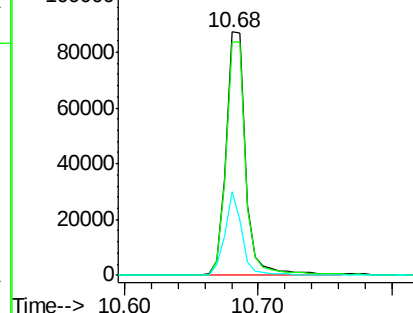
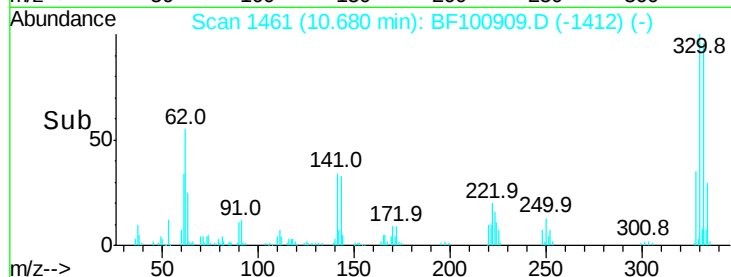
#41
 2,4,6-Tribromophenol
 Concen: 76.717 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB104511BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.4	29.9	44.9#

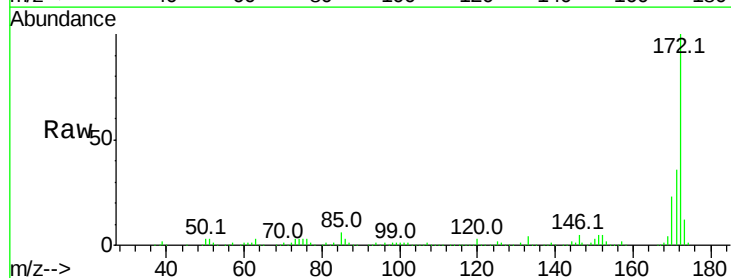


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

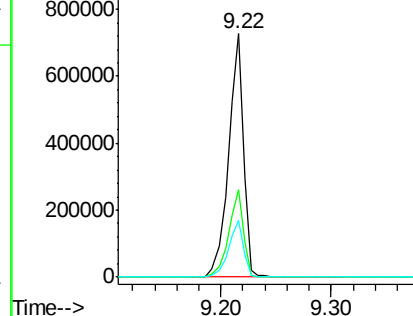
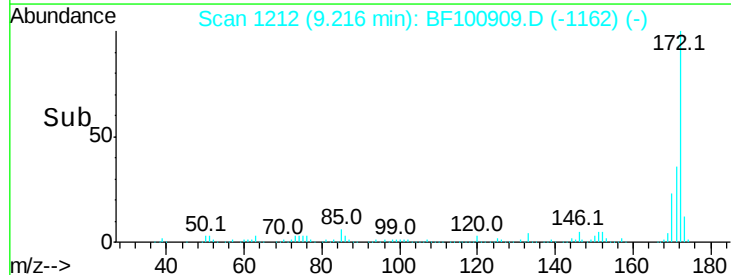


#44
 2-Fluorobiphenyl
 Concen: 89.865 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	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

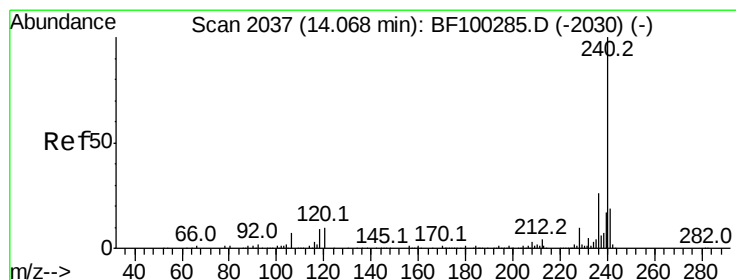
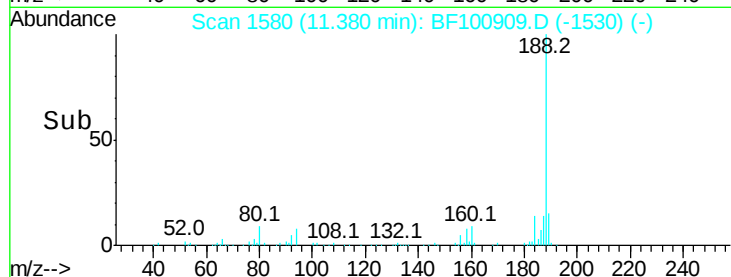
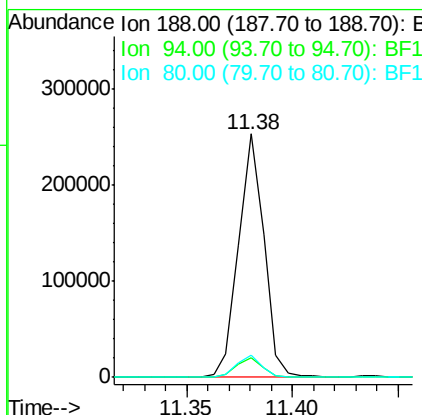
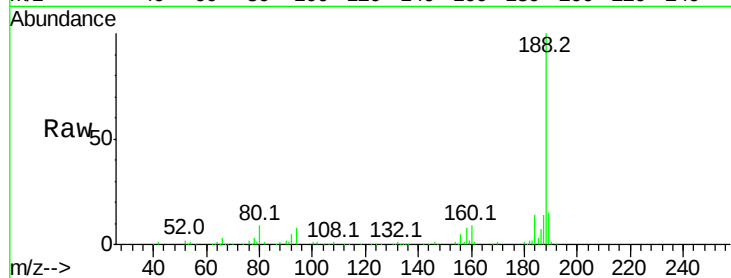




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

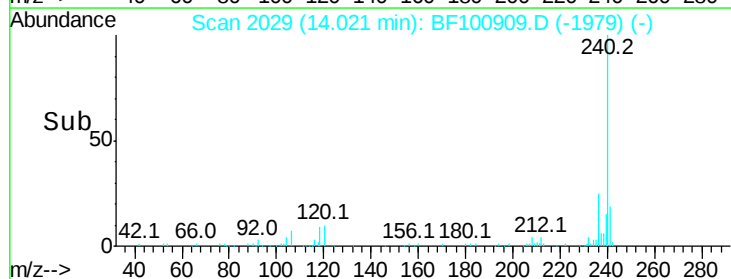
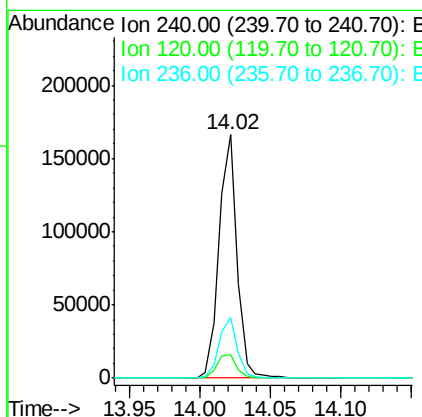
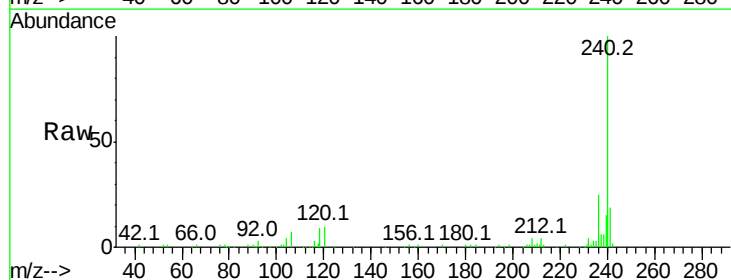
Instrument :
BNA_F
ClientSampleId :
PB104511BL

Tot Ion:188 Resp: 211542
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100909.D
Acq: 27 Nov 2017 23:46

Tgt Ion:240 Resp: 147247
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 85.207 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampleId :

PB104511BL

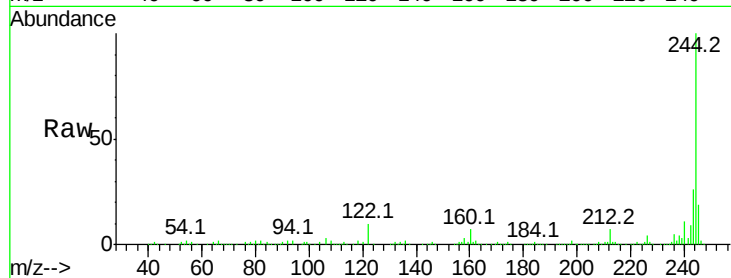
Tot Ion:244 Resp: 546046

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

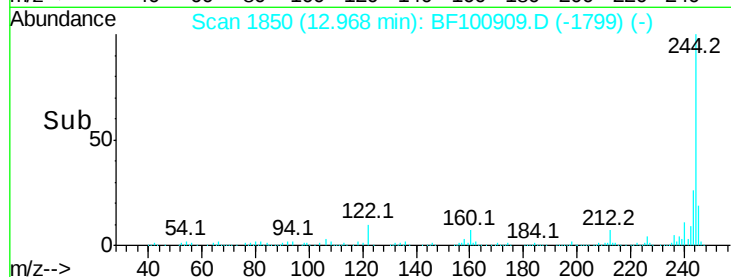
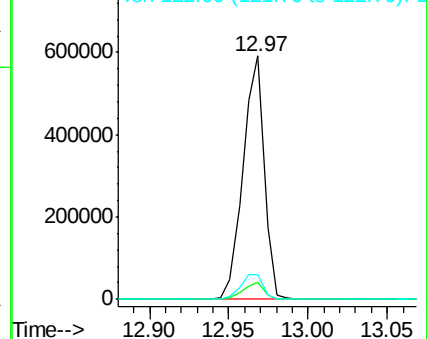
122 10.2 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

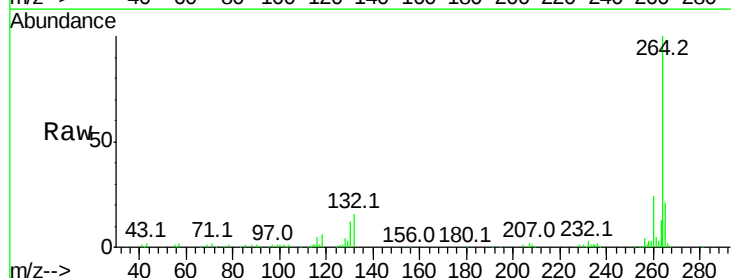
Tgt Ion:264 Resp: 124378

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.9 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

