

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100297.D
 Acq On : 8 Nov 2017 17:49
 Operator : SJ/JU
 Sample : I6351-01 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-1-7

Quant Time: Nov 08 18:30:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191414	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	760960	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	334733	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	577069	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355003	20.00	ng	0.00
86) Perylene-d12	15.55	264	371680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	772	0.06	ng	0.00
7) Phenol-d6	6.50	99	1243	0.08	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1737	0.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	748	0.22	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	6261	0.28	ng	-0.01
78) Terphenyl-d14	13.00	244	6610	0.43	ng	0.00

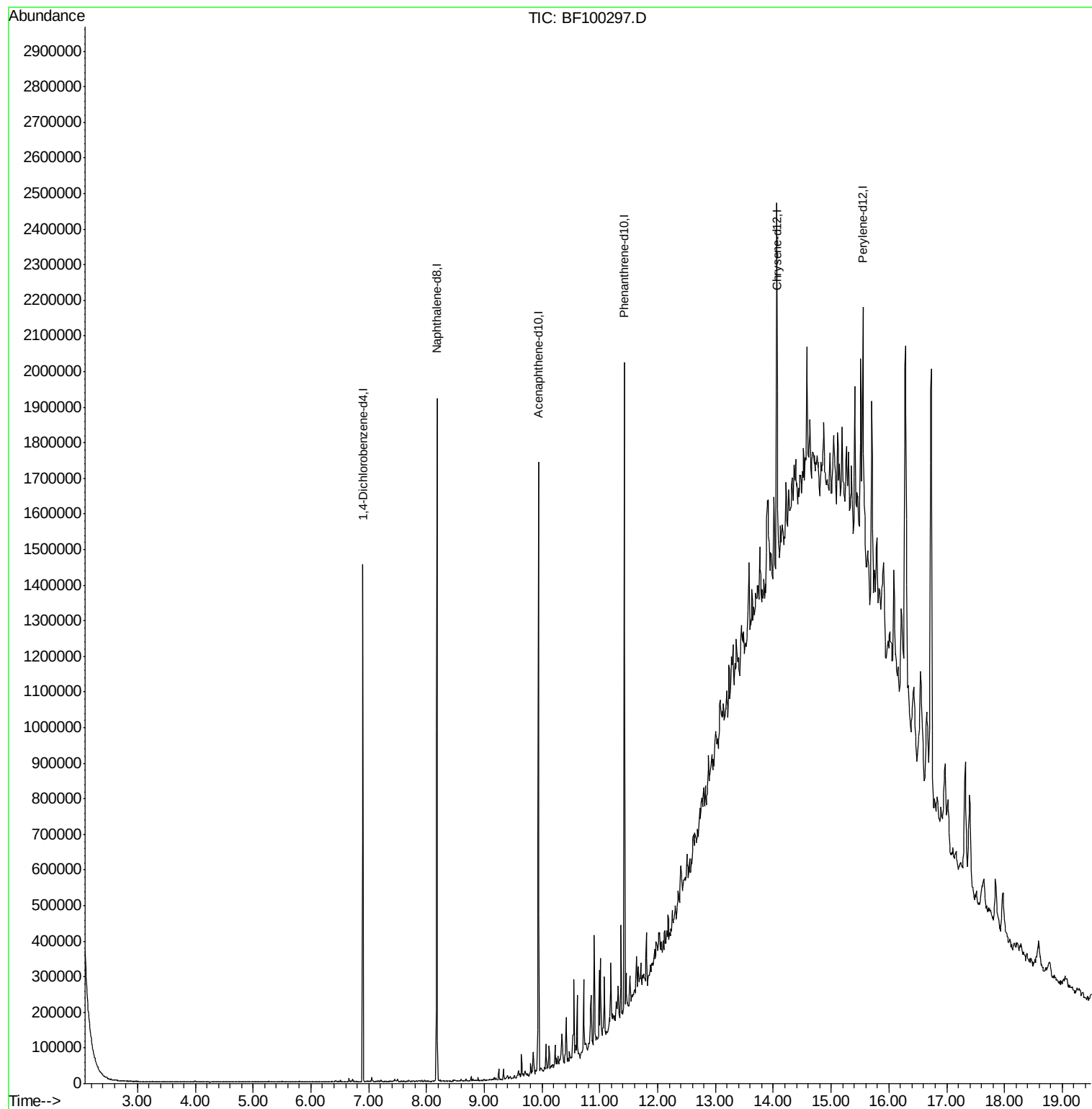
Target Compounds Qvalue

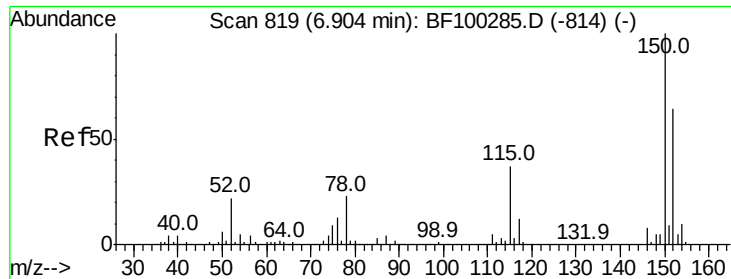
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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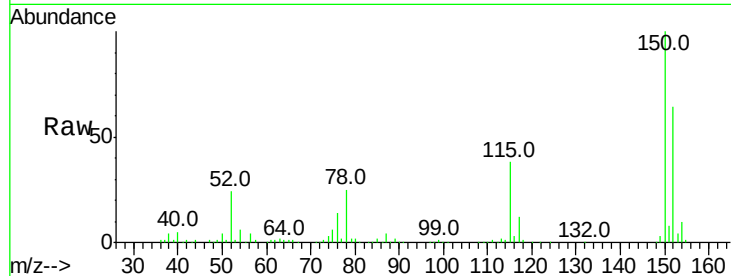


#1

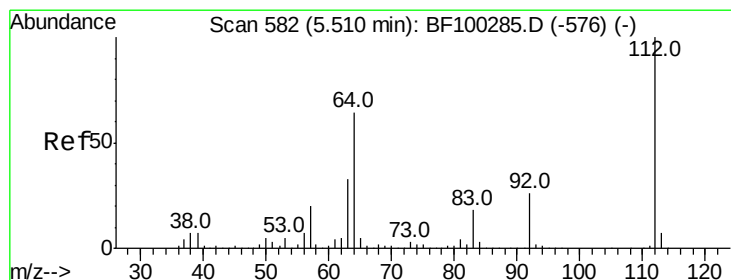
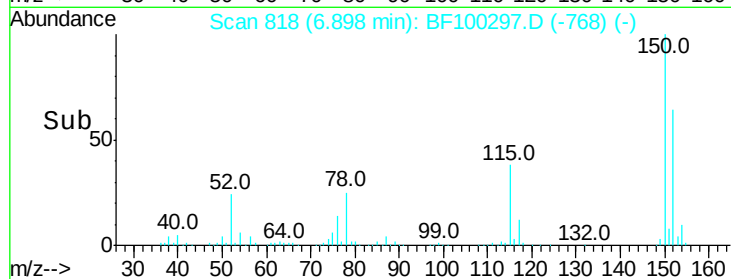
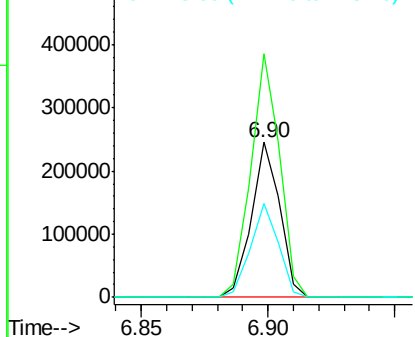
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :
DRUMS-1-7

Tot Ion:152 Resp: 191414
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.5 50.1 75.1



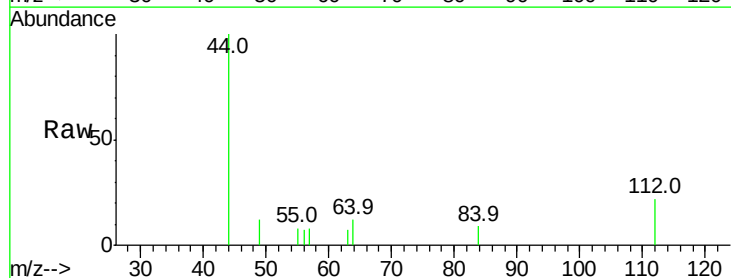
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



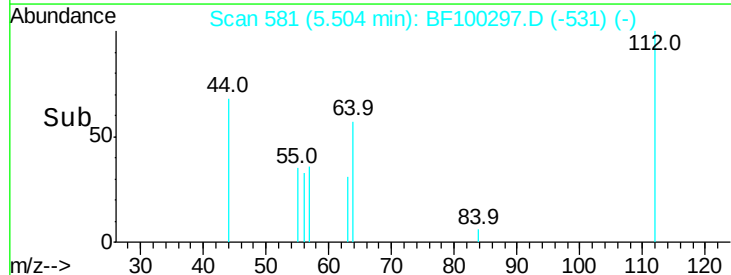
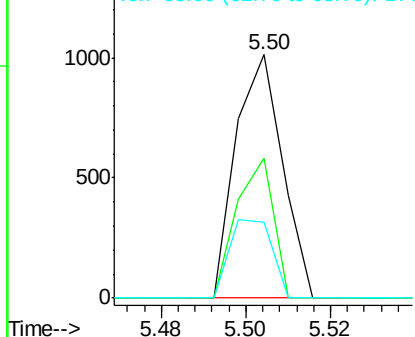
#5

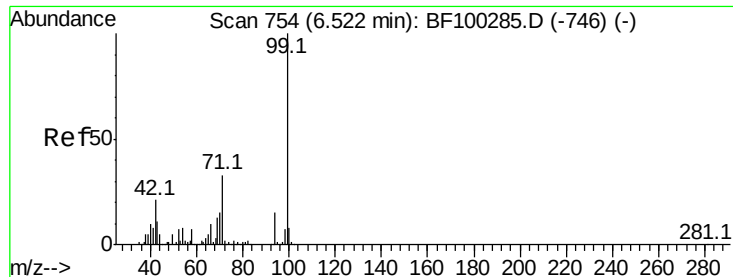
2-Fluorophenol
Concen: 0.065 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tgt Ion:112 Resp: 772
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 31.4 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: 0.084 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Instrument :

BNA_F

ClientSampleId :

DRUMS-1-7

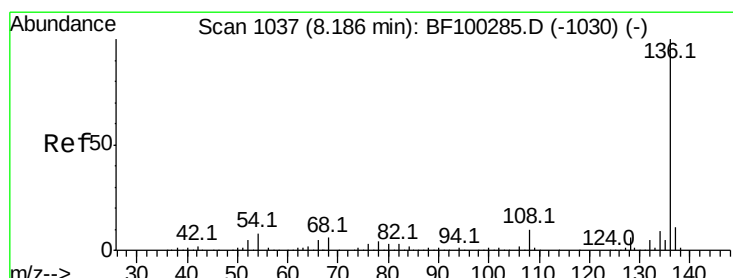
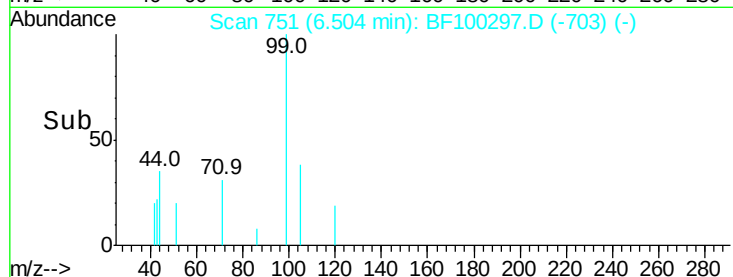
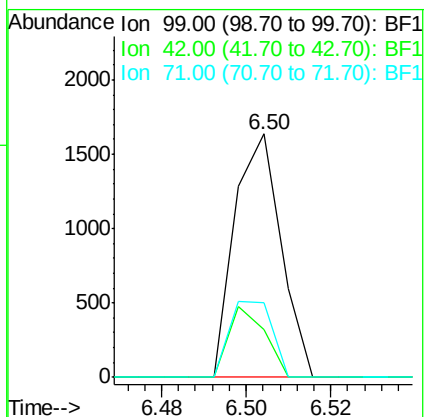
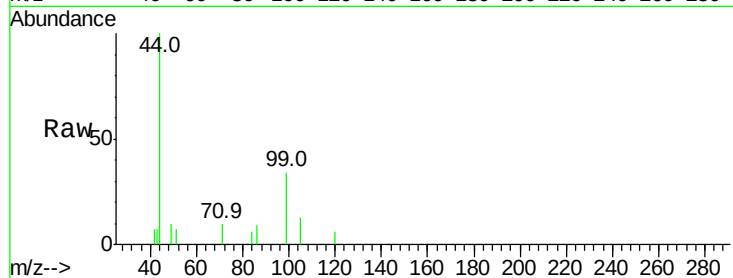
Tot Ion: 99 Resp: 1243

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 30.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Tgt Ion: 136 Resp: 760960

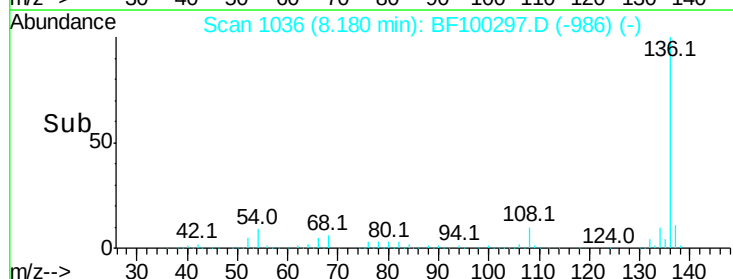
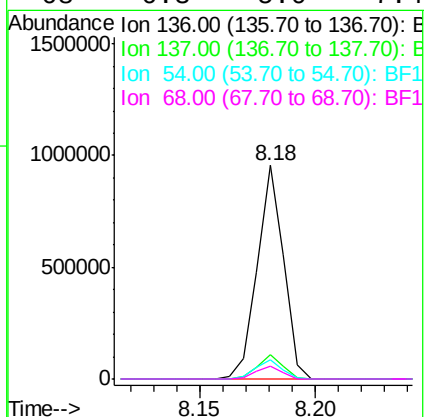
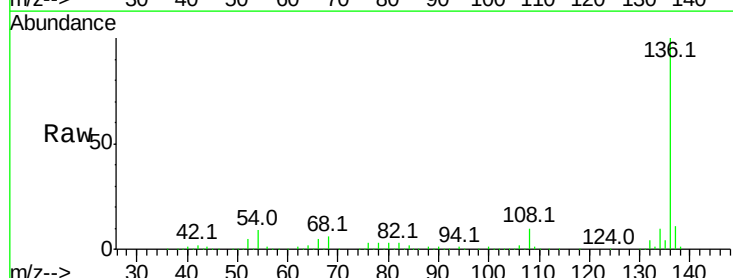
Ion Ratio Lower Upper

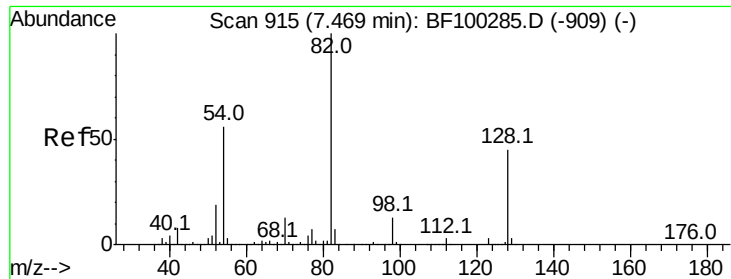
136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4

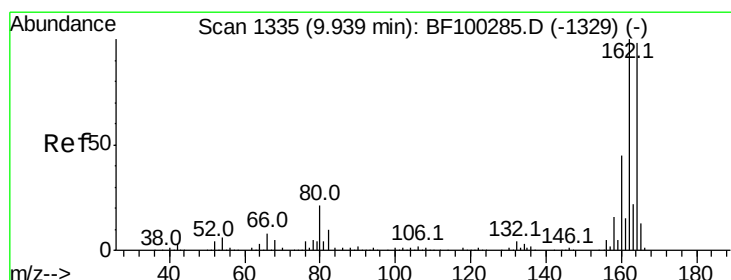
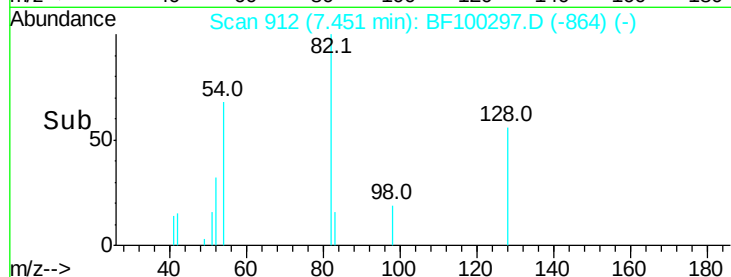
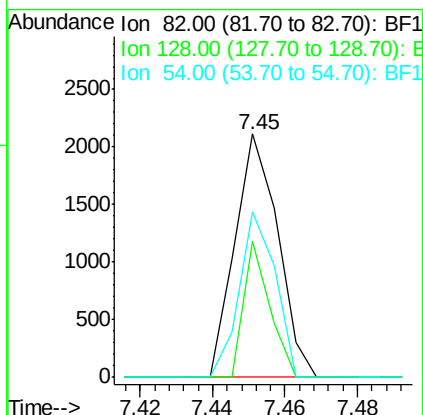
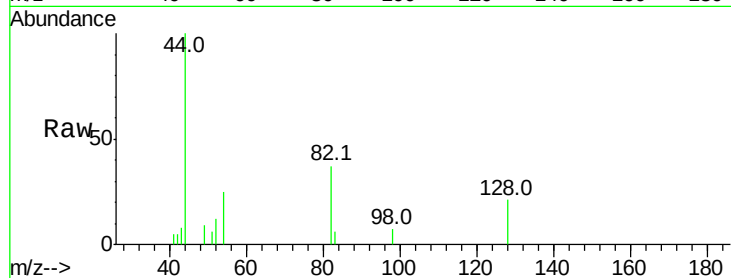




#23
Nitrobenzene-d5
Concen: 0.151 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

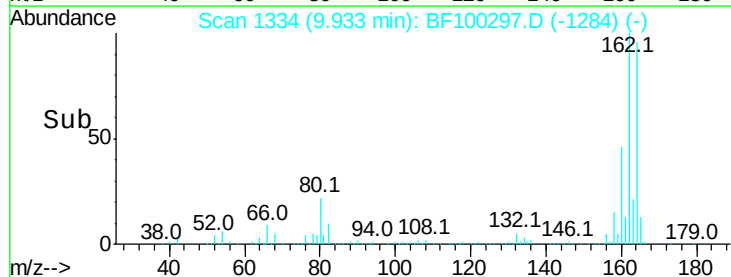
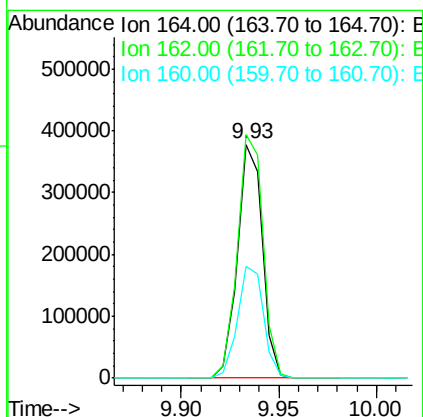
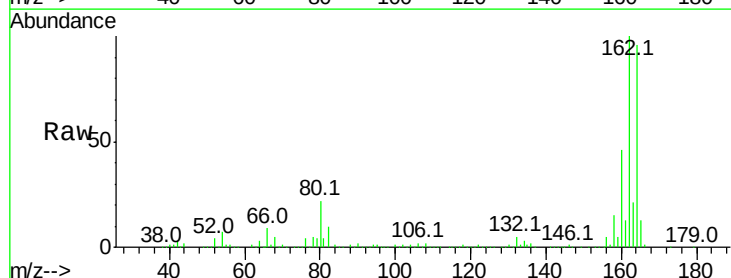
Instrument :
BNA_F
ClientSampleId :
DRUMS-1-7

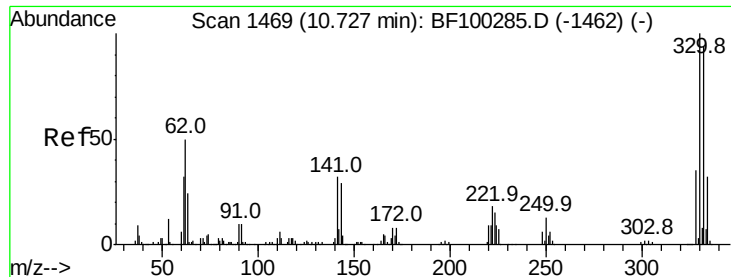
Tot Ion: 82 Resp: 1737
Ion Ratio Lower Upper
82 100
128 55.7 36.1 54.1#
54 68.1 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tgt Ion:164 Resp: 334733
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 47.7 38.3 57.5

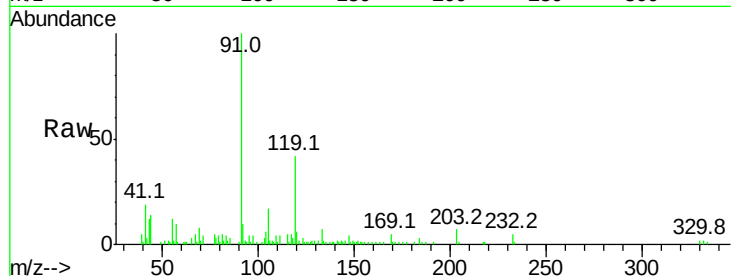




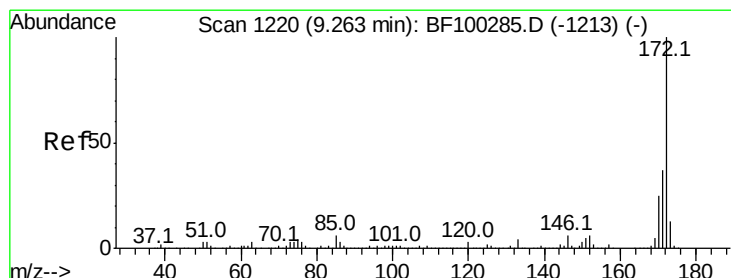
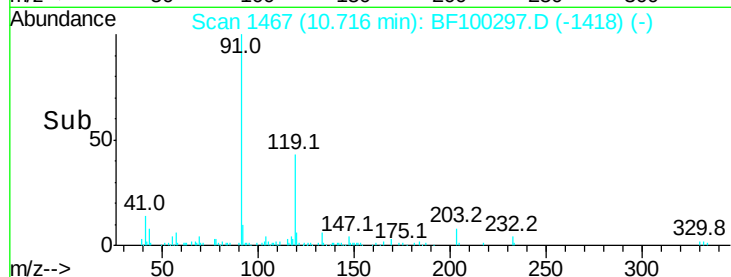
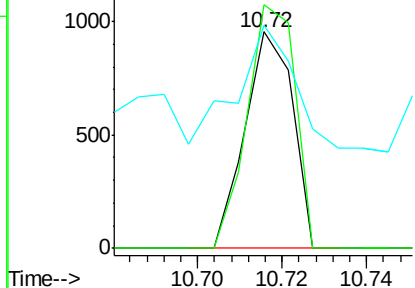
#41
 2,4,6-Tribromophenol
 Concen: 0.219 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-1-7

Tot Ion:330 Resp: 748
 Ion Ratio Lower Upper
 330 100
 332 113.4 77.0 115.6
 141 66.7 29.9 44.9#

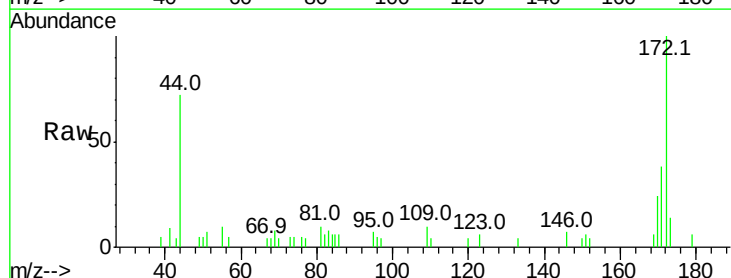


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

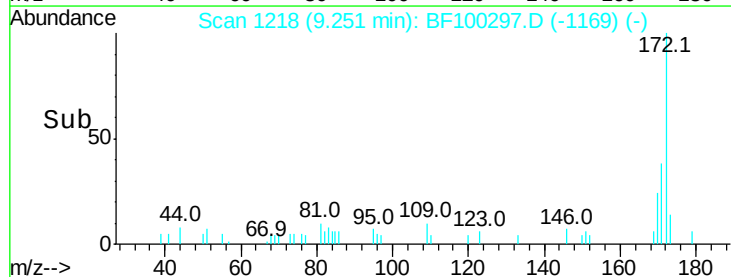
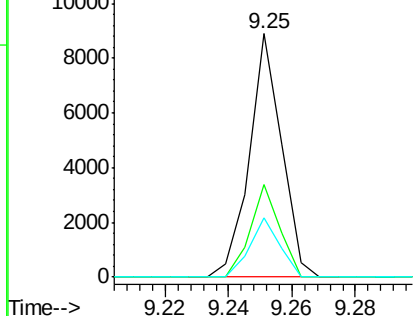


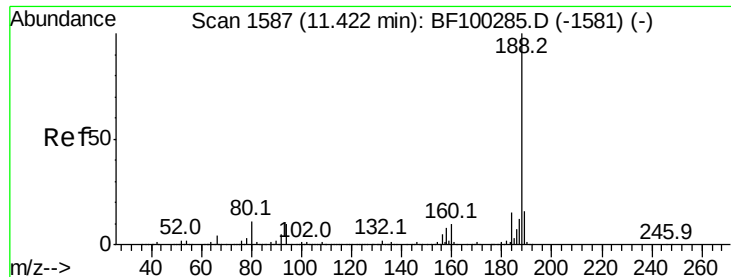
#44
 2-Fluorobiphenyl
 Concen: 0.285 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100297.D
 Acq: 8 Nov 2017 17:49

Tgt Ion:172 Resp: 6261
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 24.2 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

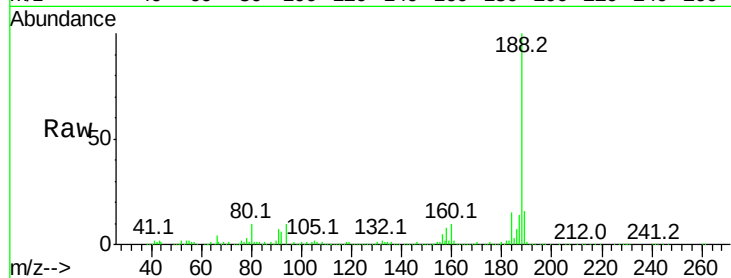




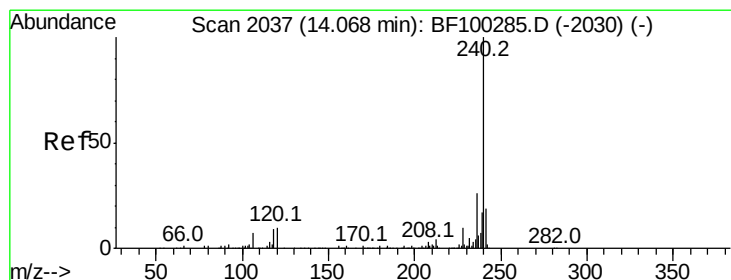
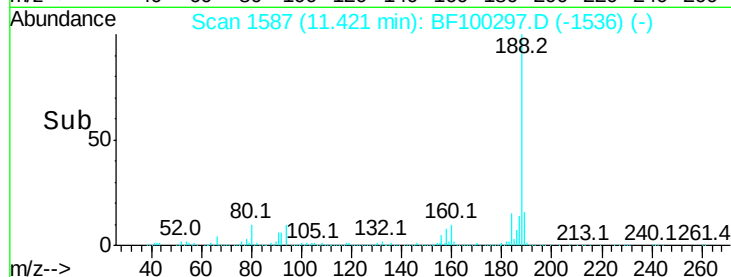
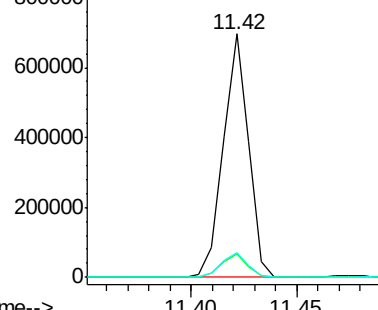
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :
DRUMS-1-7

Tot Ion:188 Resp: 577069
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8

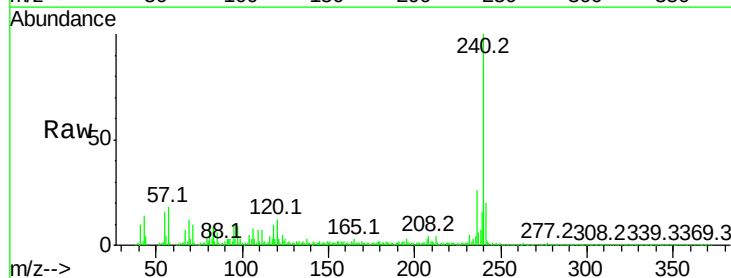


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

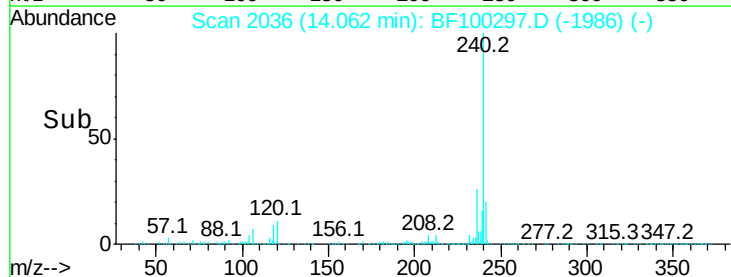
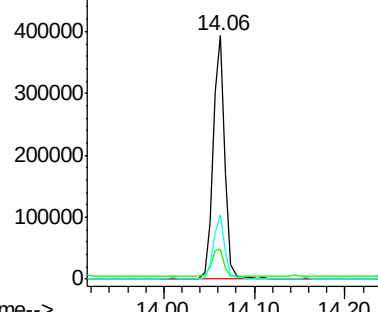


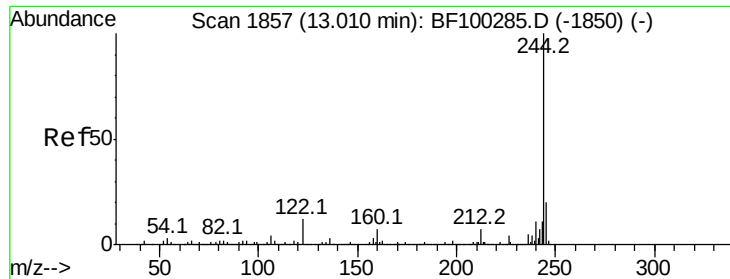
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100297.D
Acq: 8 Nov 2017 17:49

Tgt Ion:240 Resp: 355003
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.2 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: 0.428 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Instrument :

BNA_F

ClientSampleId :

DRUMS-1-7

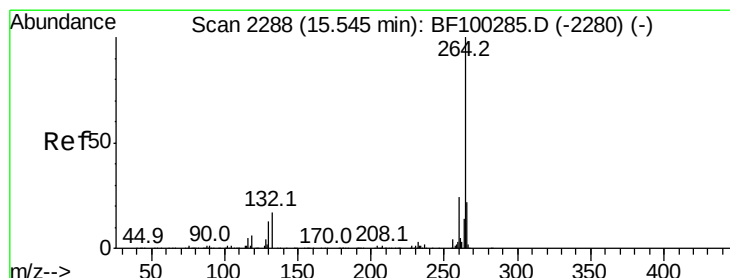
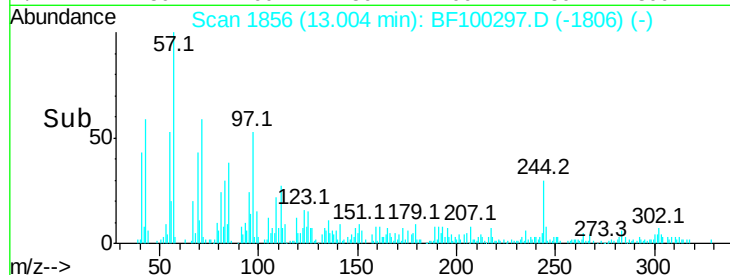
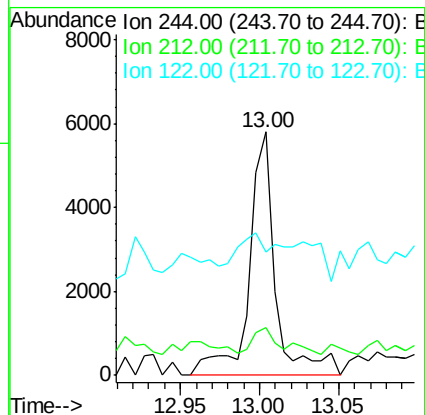
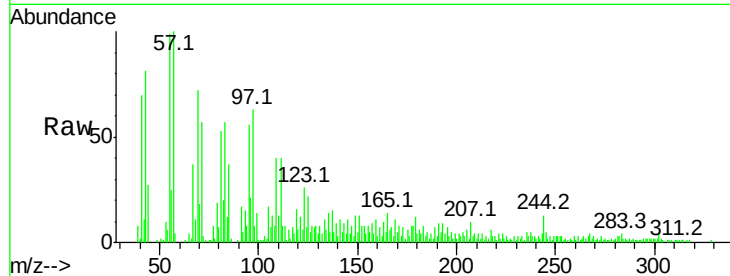
Tot Ion:244 Resp: 6610

Ion Ratio Lower Upper

244 100

212 19.8 5.4 8.0#

122 50.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100297.D

Acq: 8 Nov 2017 17:49

Tgt Ion:264 Resp: 371680

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.2 17.5 26.3

