

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100341.D
 Acq On : 9 Nov 2017 14:50
 Operator : SJ/JU
 Sample : PB103997BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

Quant Time: Nov 09 16:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145958	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	541457	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	211464	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	357451	20.00	ng	0.00
75) Chrysene-d12	14.06	240	316244	20.00	ng	0.00
86) Perylene-d12	15.54	264	221981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	976062	107.20	ng	0.02
7) Phenol-d6	6.53	99	1150652	102.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	684081	83.53	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	212209	98.48	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1236341	89.03	ng	0.00
78) Terphenyl-d14	13.01	244	989870	71.92	ng	0.00

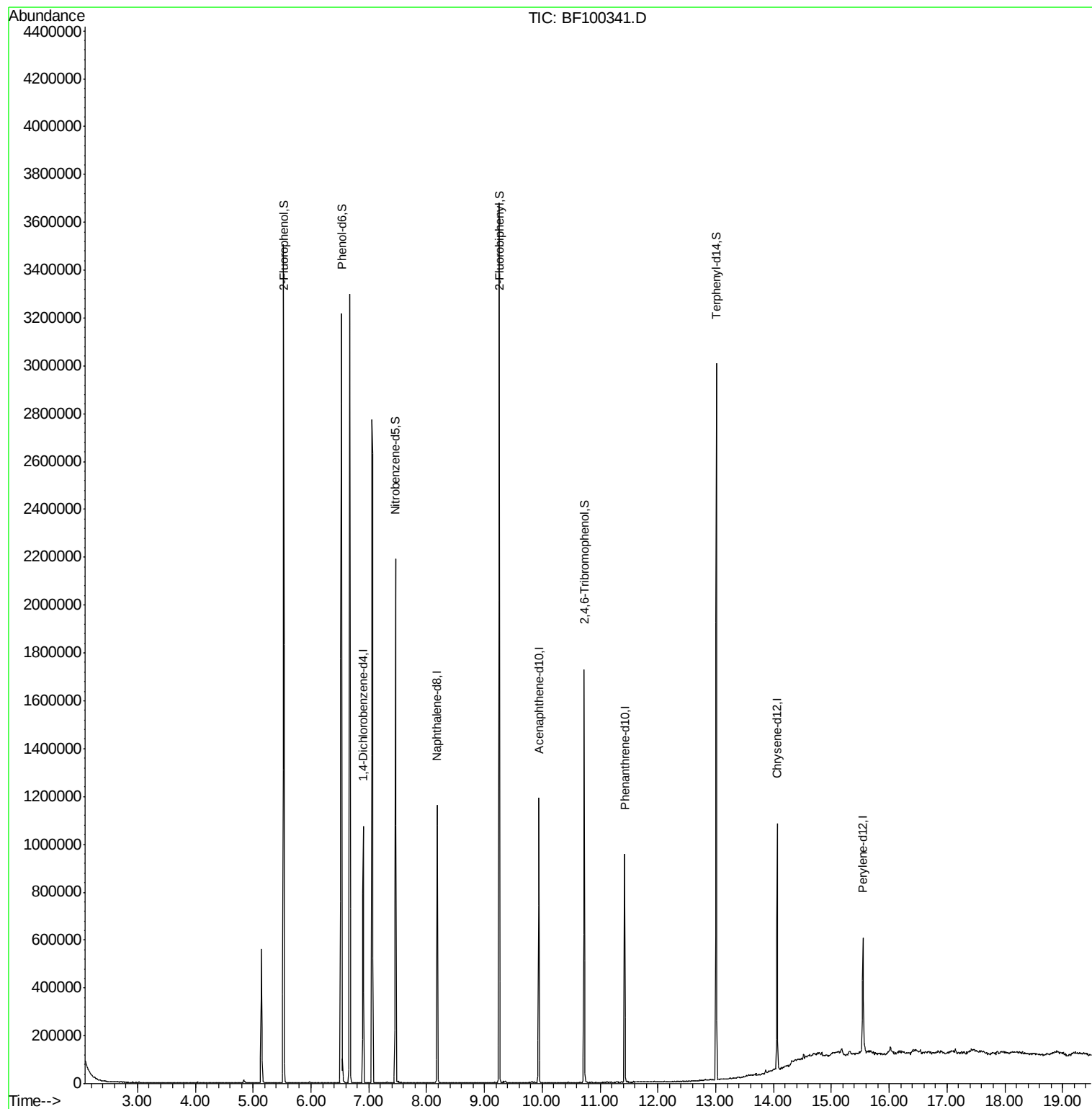
Target Compounds Qvalue

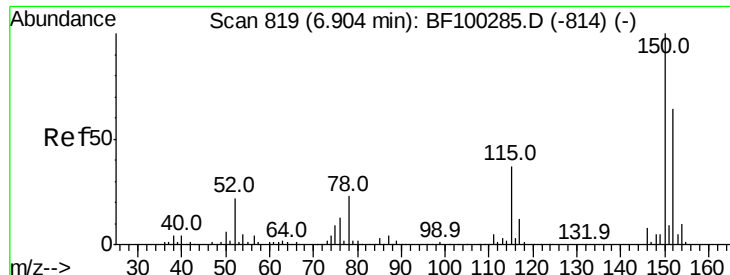
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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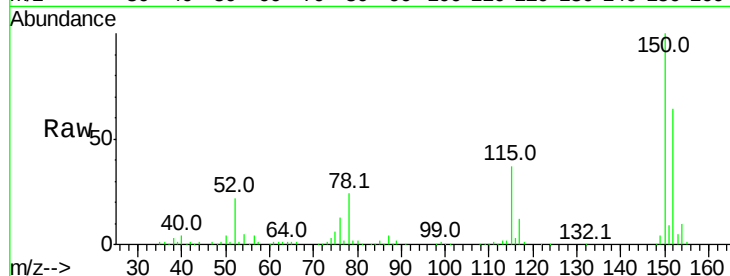


#1

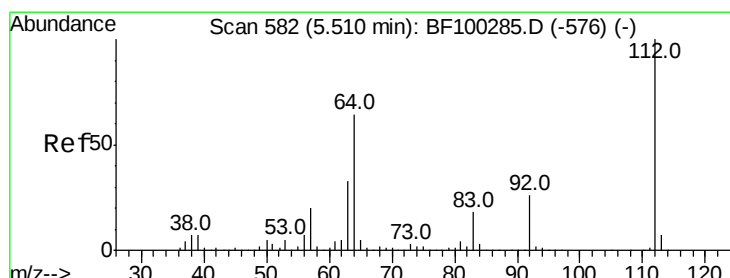
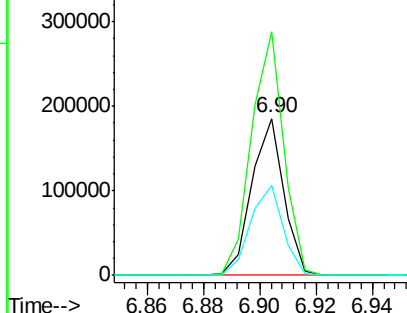
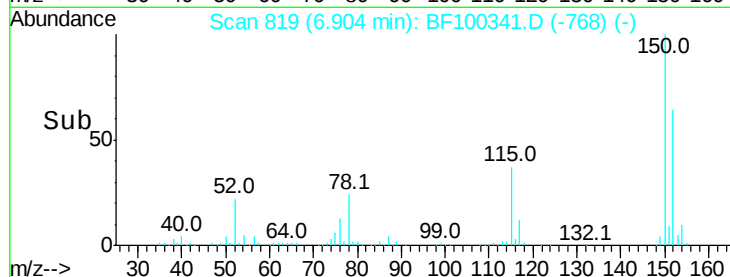
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100341.D
 Acq: 9 Nov 2017 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

Tot Ion:152 Resp: 145958
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 57.7 50.1 75.1



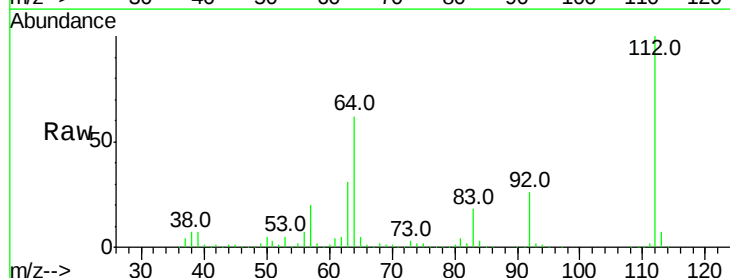
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



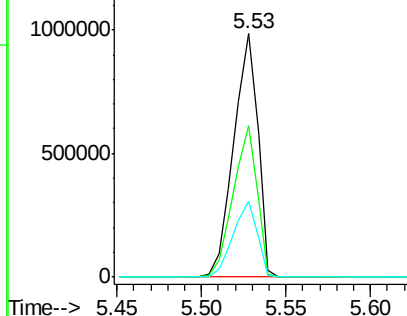
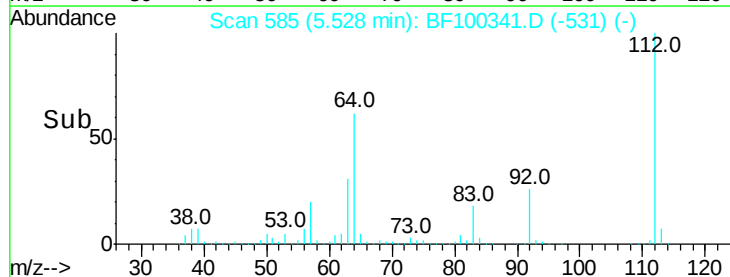
#5

2-Fluorophenol
 Concen: 107.196 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.02 min
 Lab File: BF100341.D
 Acq: 9 Nov 2017 14:50

Tgt Ion:112 Resp: 976062
 Ion Ratio Lower Upper
 112 100
 64 62.1 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: 102.479 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100341.D

Acq: 9 Nov 2017 14:50

Instrument :

BNA_F

ClientSampled :

PB103997BL

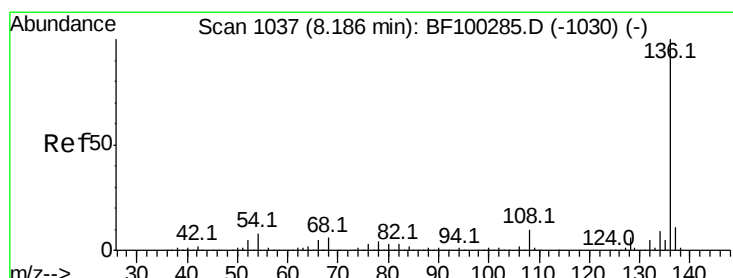
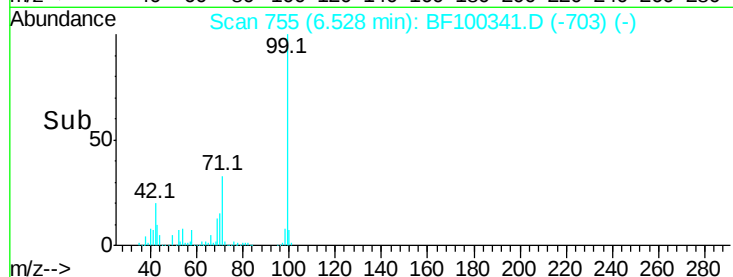
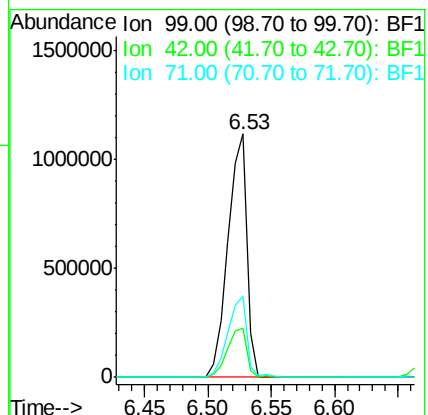
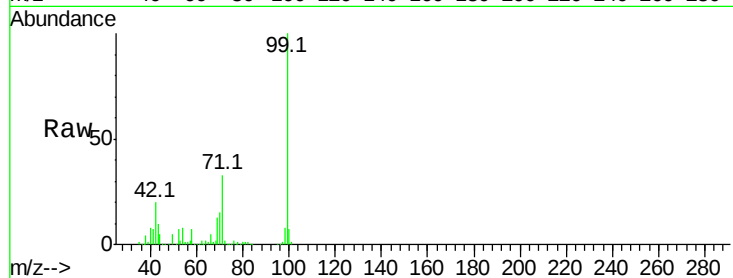
Tot Ion: 99 Resp: 1150652

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.2 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: BF100341.D

Acq: 9 Nov 2017 14:50

Tgt Ion: 136 Resp: 541457

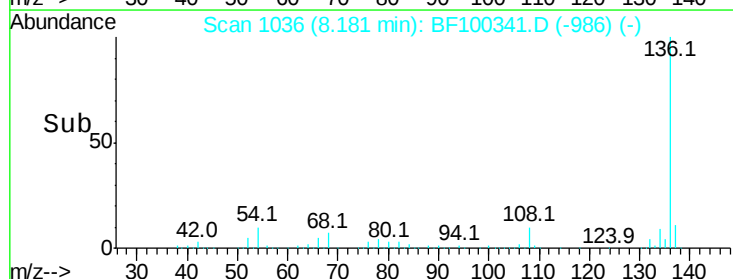
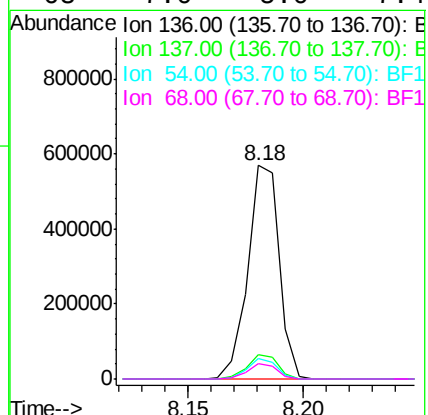
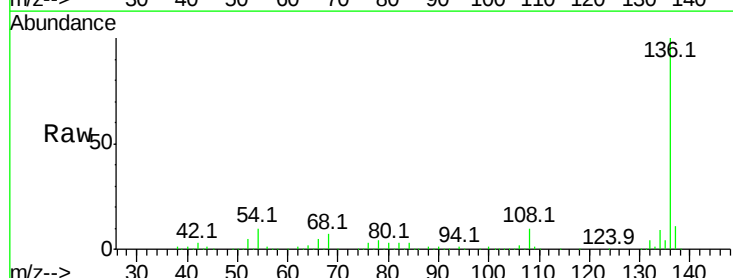
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 7.0 5.0 7.4

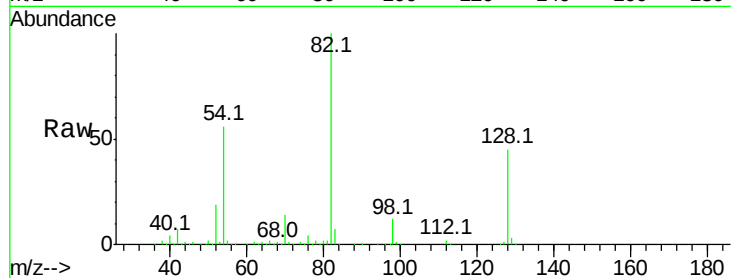




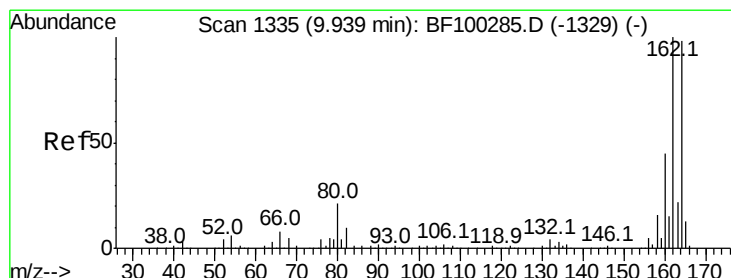
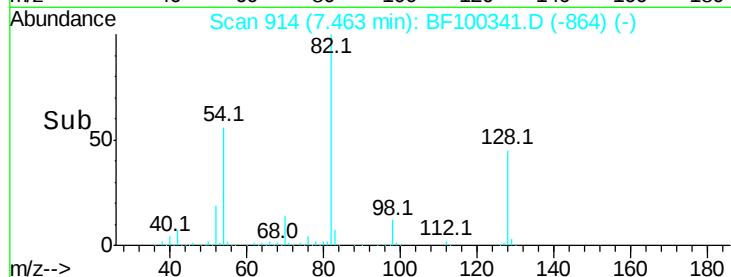
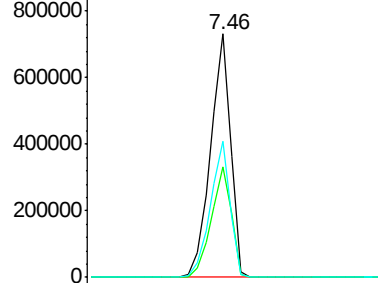
#23
Nitrobenzene-d5
Concen: 83.528 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Instrument :
BNA_F
ClientSampleId :
PB103997BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	55.7	41.4	62.2

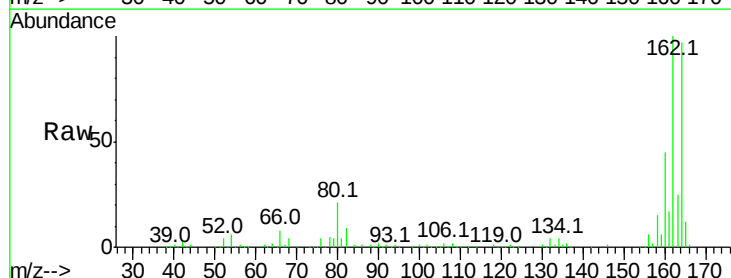


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

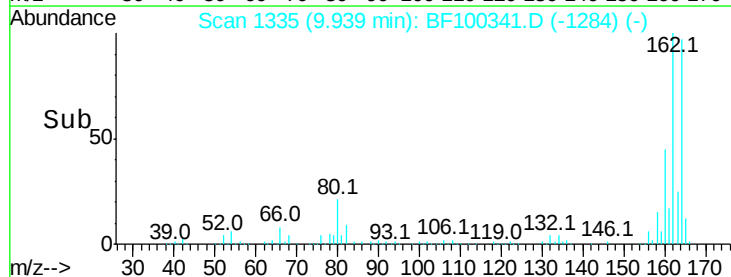
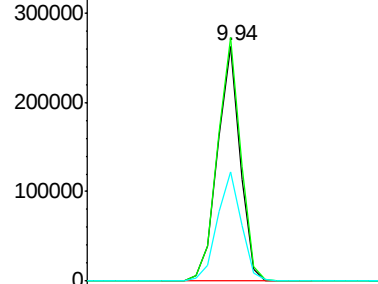


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100341.D
Acq: 9 Nov 2017 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.3	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

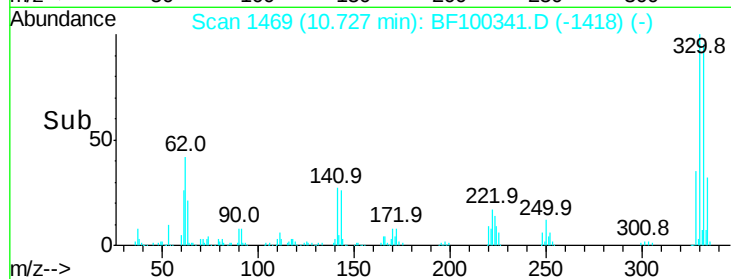
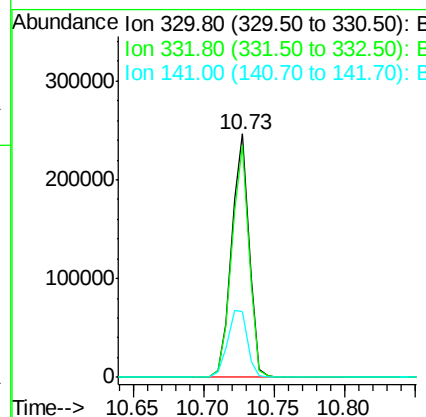
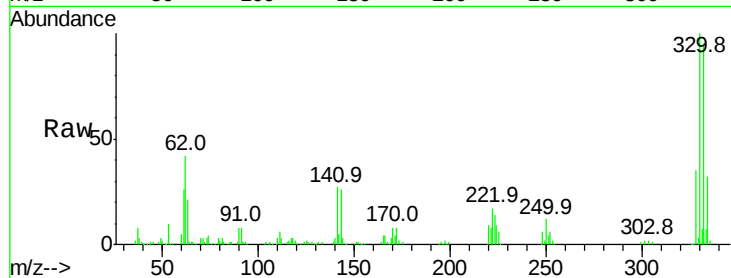




#41
 2,4,6-Tribromophenol
 Concen: 98.481 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100341.D
 Acq: 9 Nov 2017 14:50

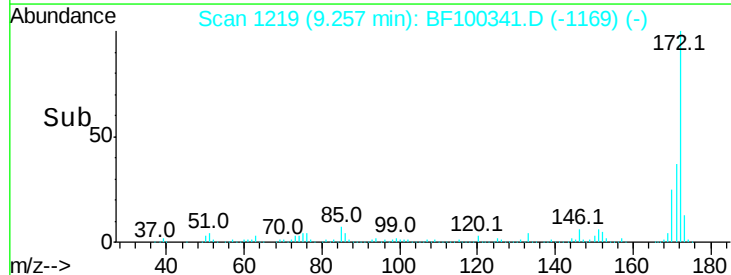
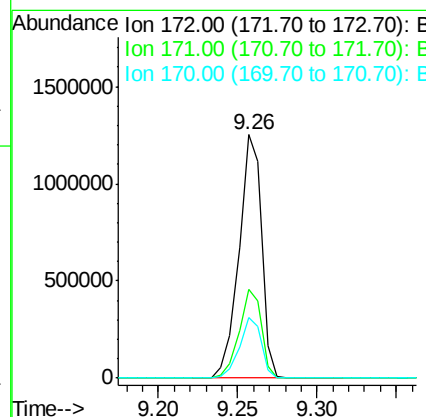
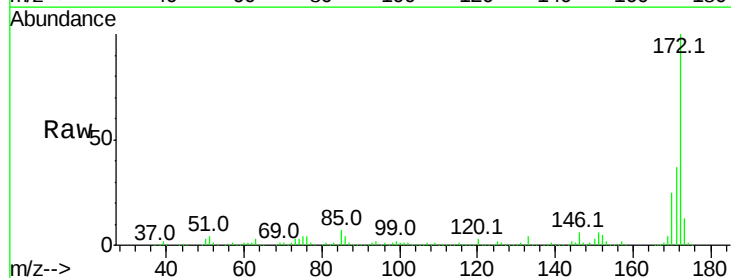
Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	31.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.027 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100341.D
 Acq: 9 Nov 2017 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100341.D

Acq: 9 Nov 2017 14:50

Instrument :

BNA_F

ClientSampleId :

PB103997BL

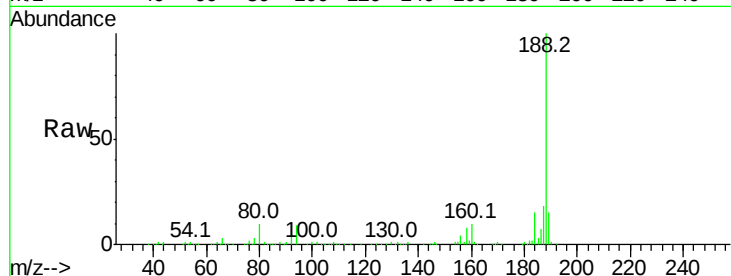
Tot Ion:188 Resp: 357451

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

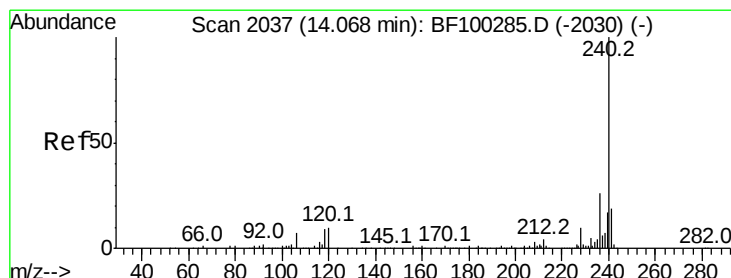
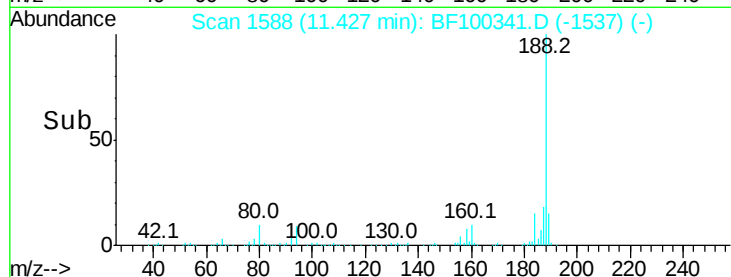
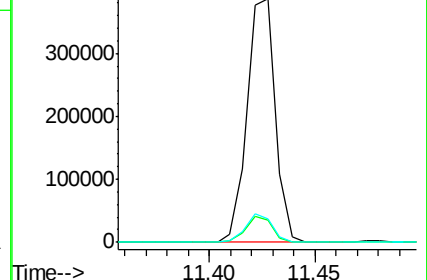
80 9.5 9.2 13.8



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: BF100341.D

Acq: 9 Nov 2017 14:50

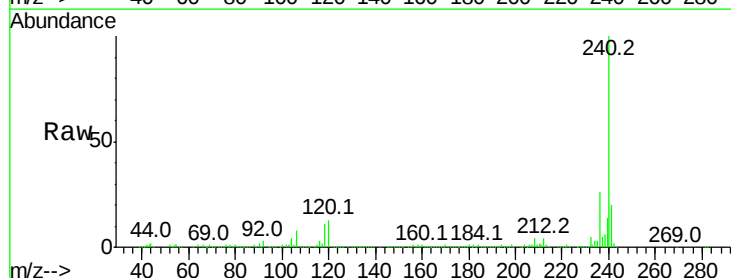
Tgt Ion:240 Resp: 316244

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

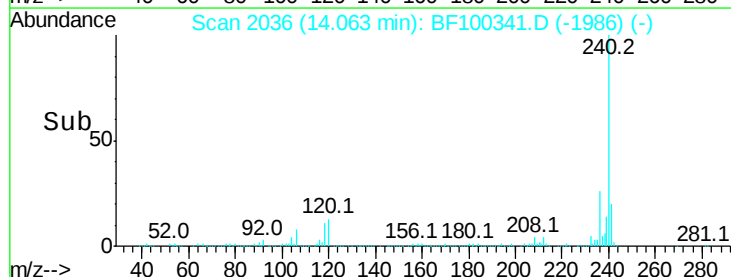
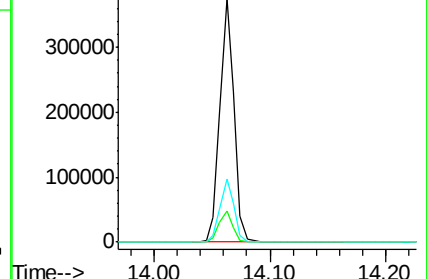
236 26.0 20.7 31.1

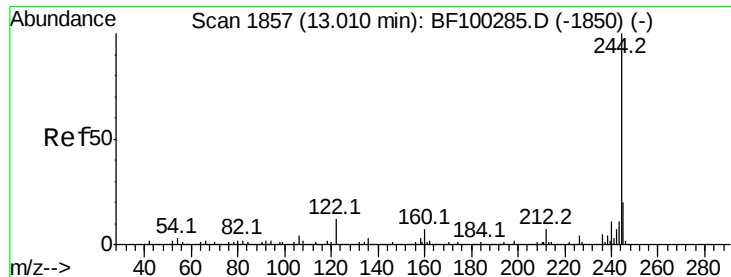


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.920 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100341.D

Acq: 9 Nov 2017 14:50

Instrument :

BNA_F

ClientSampled :

PB103997BL

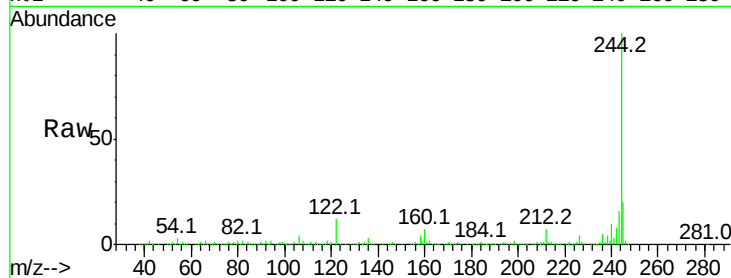
Tot Ion:244 Resp: 989870

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

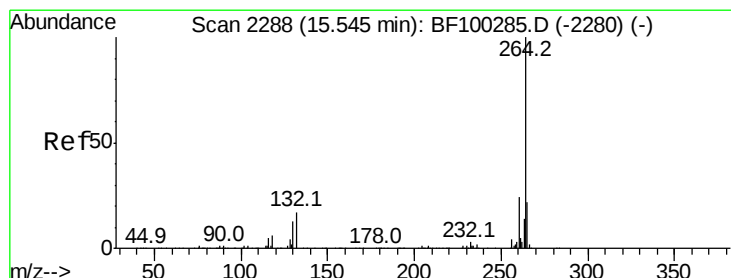
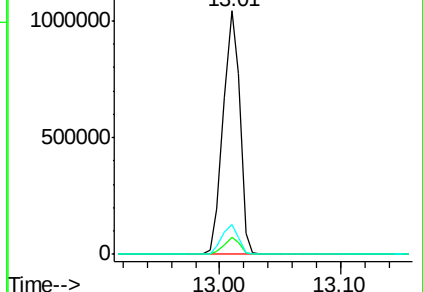
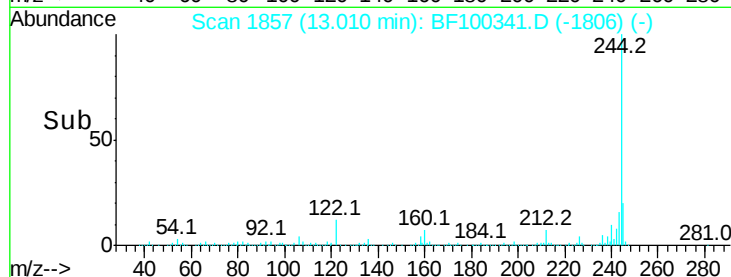
122 12.0 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100341.D

Acq: 9 Nov 2017 14:50

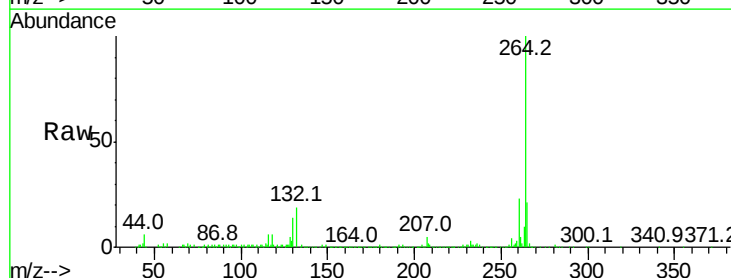
Tgt Ion:264 Resp: 221981

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.1 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

