

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100346.D
 Acq On : 9 Nov 2017 17:53
 Operator : SJ/JU
 Sample : PB103997BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

Quant Time: Nov 10 00:46:18 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	165838	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	667145	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	317632	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	646204	20.00	ng	0.00
75) Chrysene-d12	14.06	240	541625	20.00	ng	0.00
86) Perylene-d12	15.54	264	422505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1026619	99.23	ng	0.02
7) Phenol-d6	6.53	99	1250499	98.02	ng	0.00
23) Nitrobenzene-d5	7.46	82	790104	78.30	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	347153	107.26	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1499713	71.90	ng	0.00
78) Terphenyl-d14	13.02	244	1524093	64.66	ng	0.00

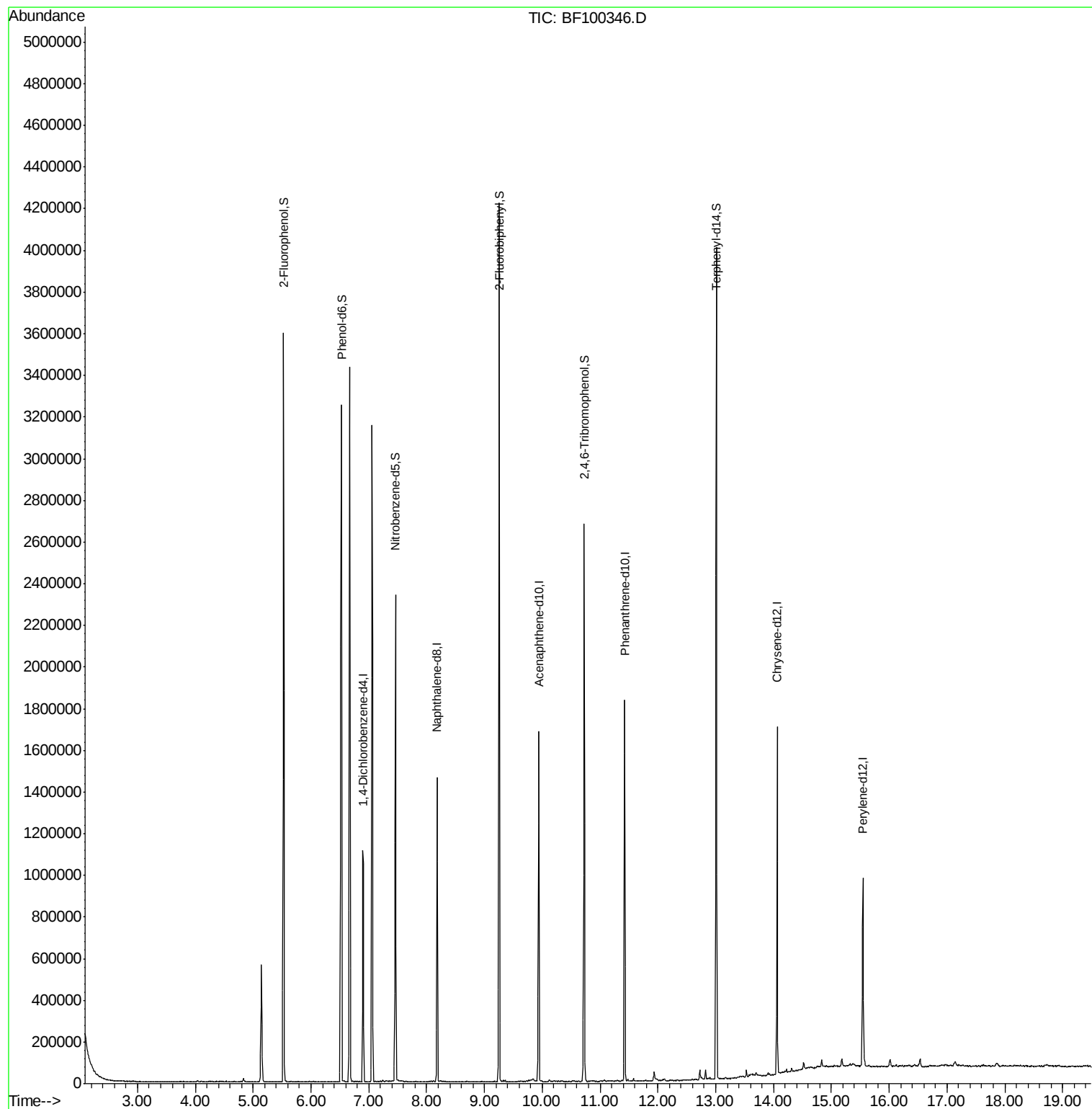
Target Compounds Qvalue

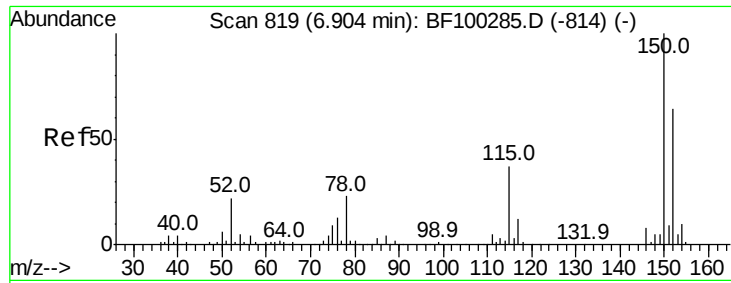
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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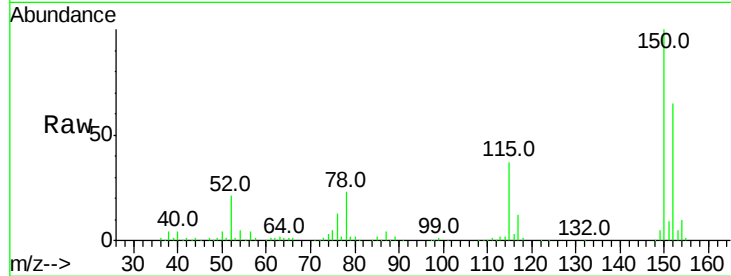


#1

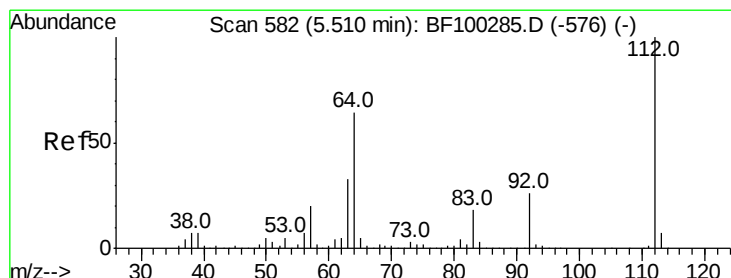
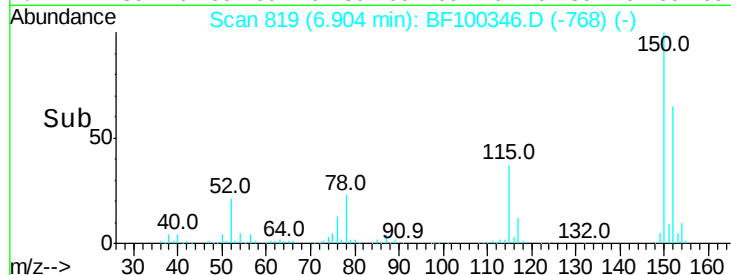
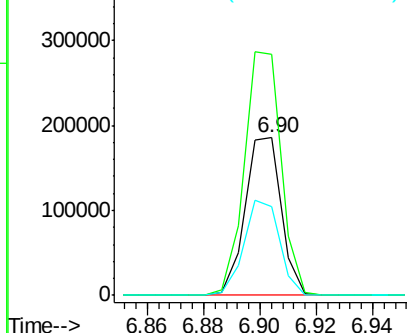
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100346.D
Acq: 9 Nov 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB103997BL

Tot Ion:152 Resp: 165838
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 56.6 50.1 75.1



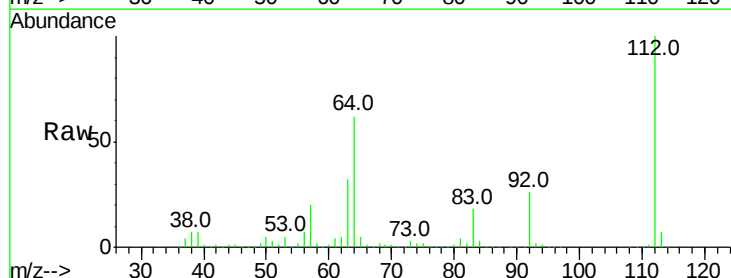
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



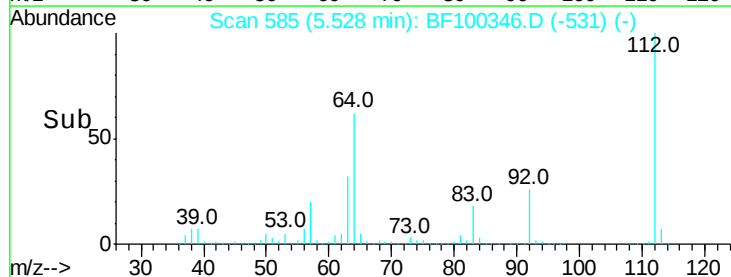
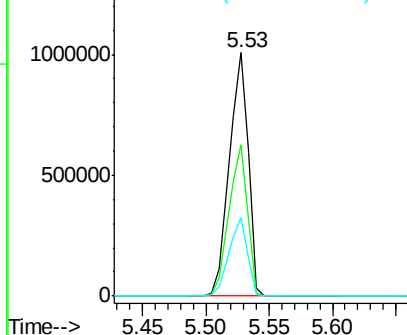
#5

2-Fluorophenol
Concen: 99.233 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100346.D
Acq: 9 Nov 2017 17:53

Tgt Ion:112 Resp: 1026619
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 32.3 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: 98.021 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100346.D

Acq: 9 Nov 2017 17:53

Instrument :

BNA_F

ClientSampleId :

PB103997BL

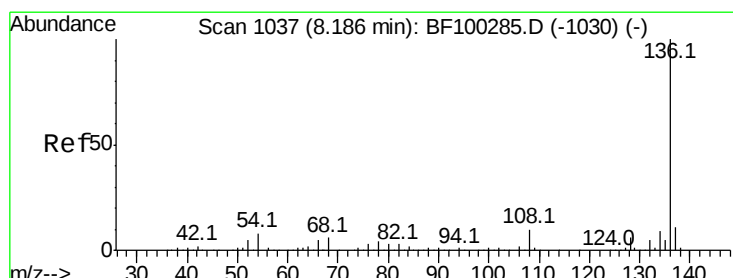
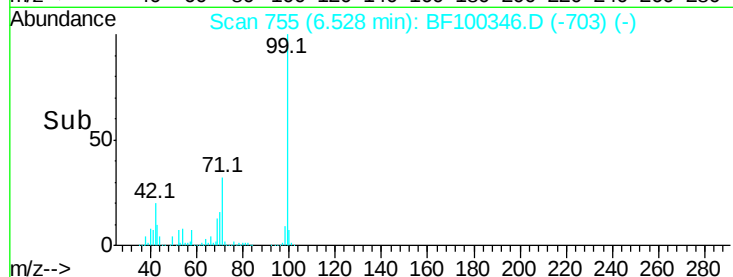
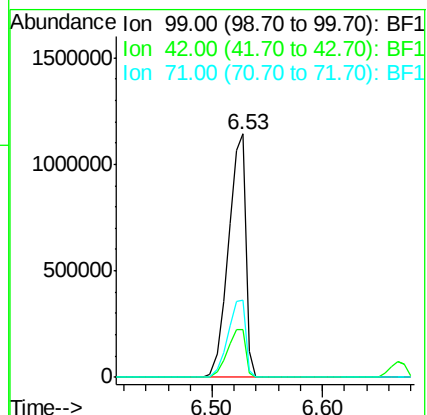
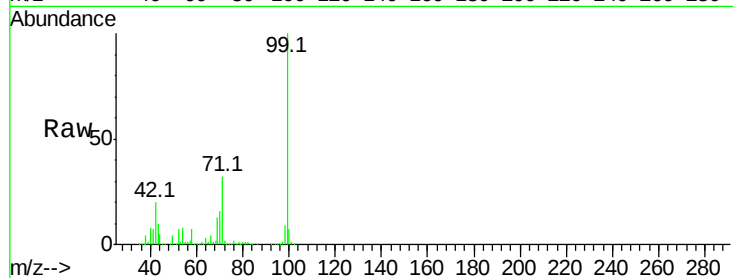
Tot Ion: 99 Resp: 1250499

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.8 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: BF100346.D

Acq: 9 Nov 2017 17:53

Tgt Ion: 136 Resp: 667145

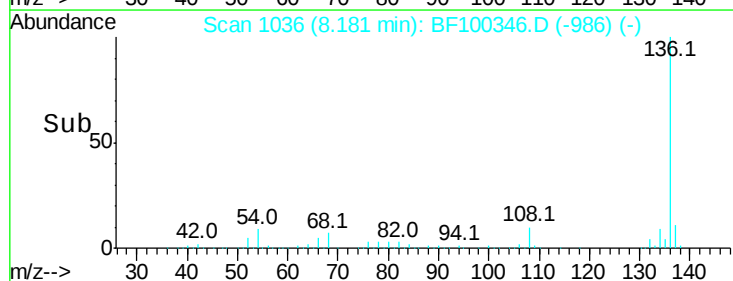
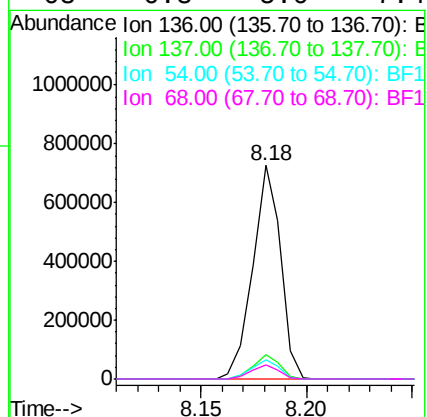
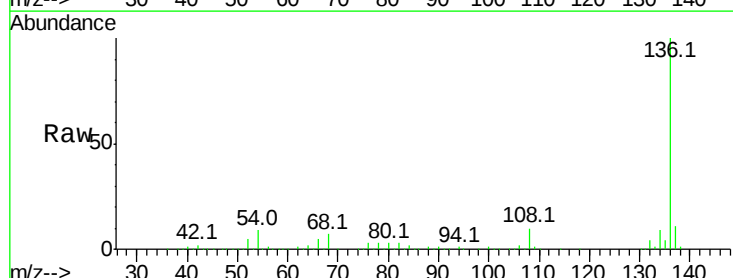
Ion Ratio Lower Upper

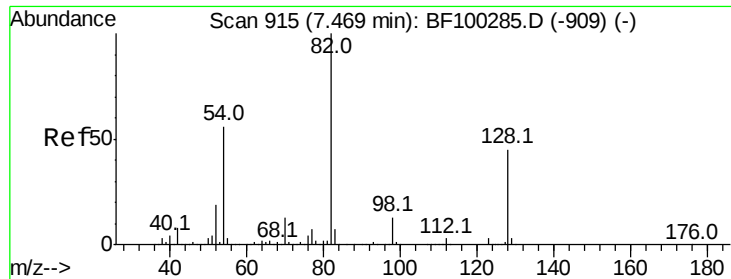
136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 6.8 5.0 7.4

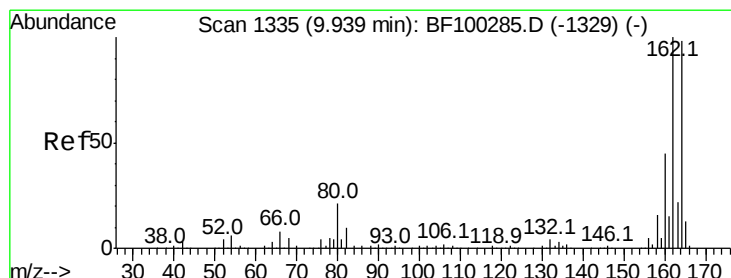
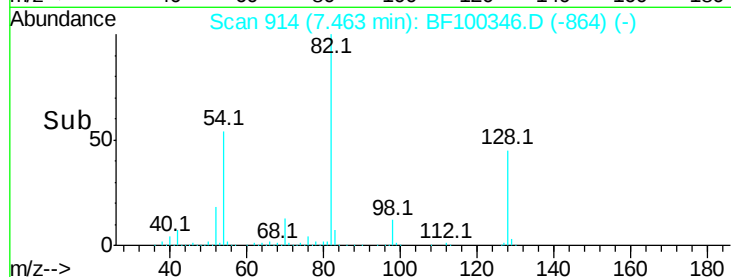
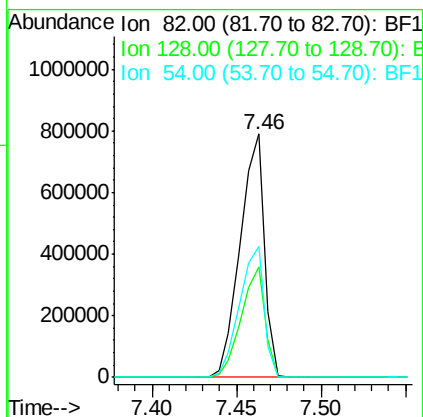
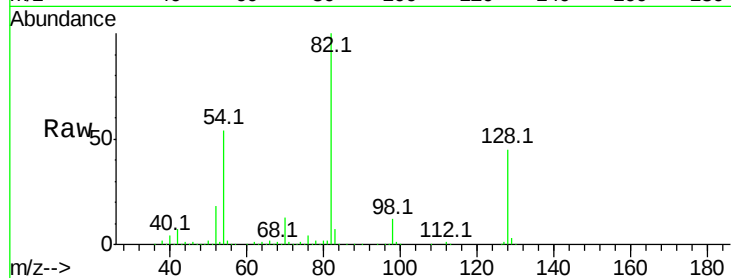




#23
 Nitrobenzene-d5
 Concen: 78.298 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100346.D
 Acq: 9 Nov 2017 17:53

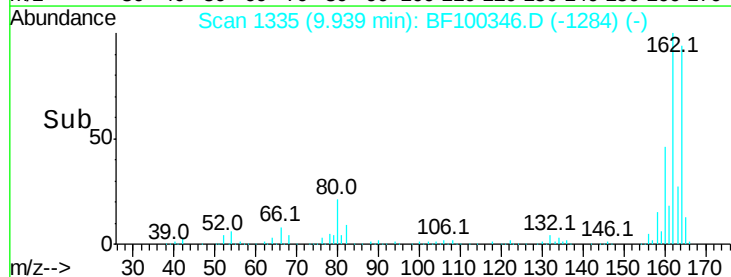
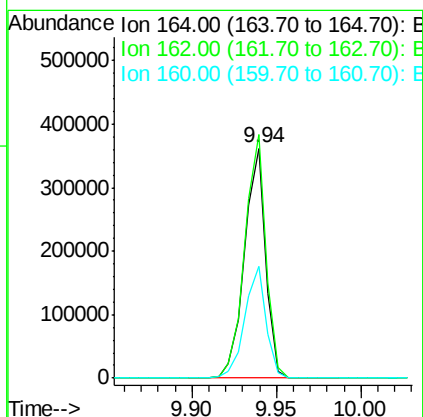
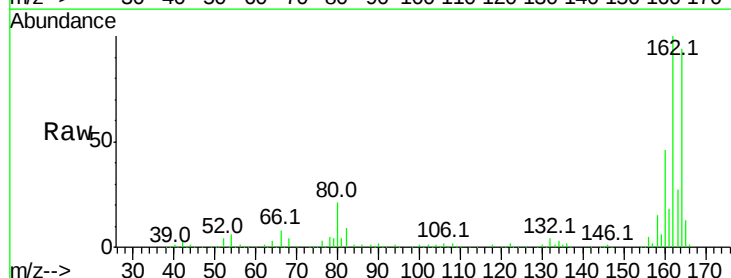
Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

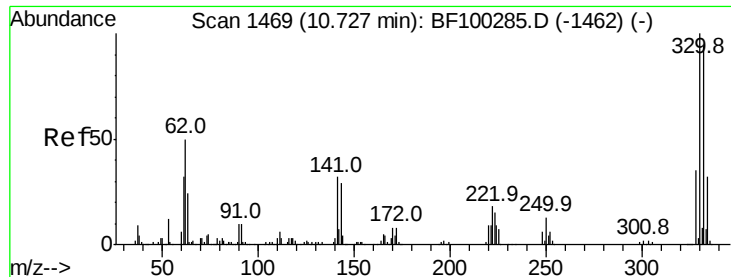
Tot Ion: 82 Resp: 790104
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 54.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF100346.D
 Acq: 9 Nov 2017 17:53

Tgt Ion:164 Resp: 317632
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 48.6 38.3 57.5

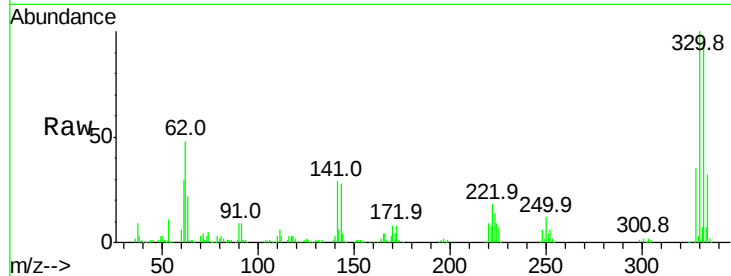




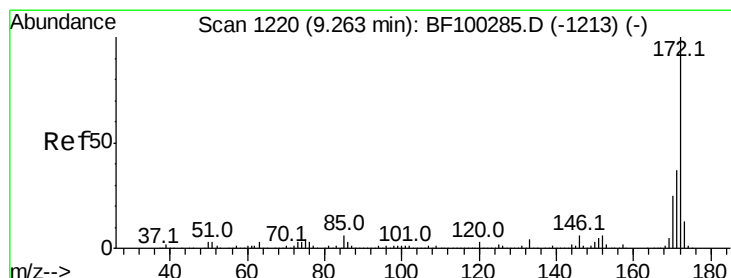
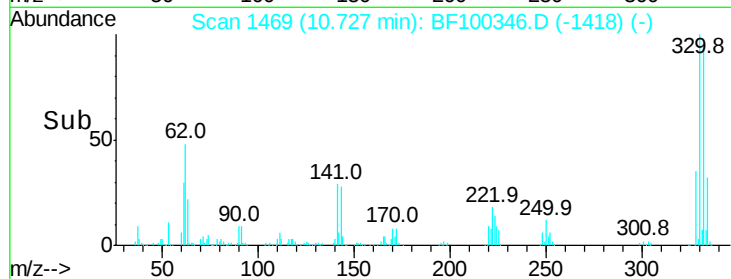
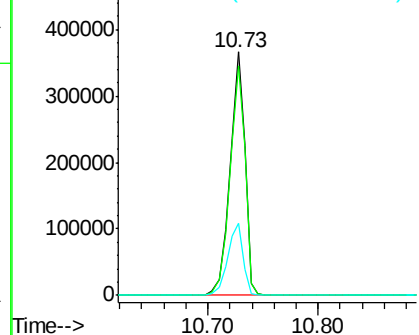
#41
 2,4,6-Tribromophenol
 Concen: 107.256 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100346.D
 Acq: 9 Nov 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.6	29.9	44.9

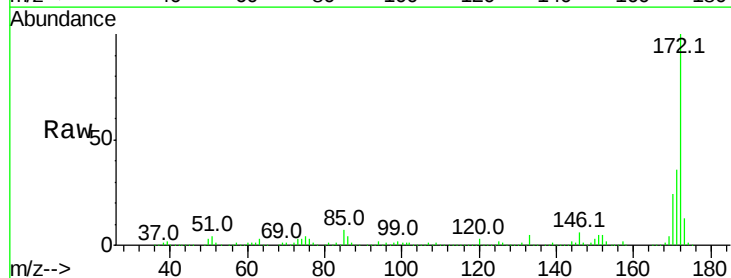


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

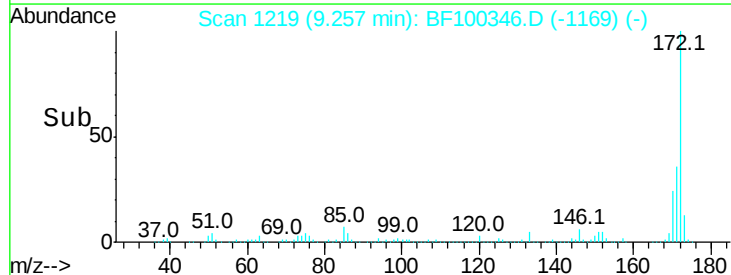
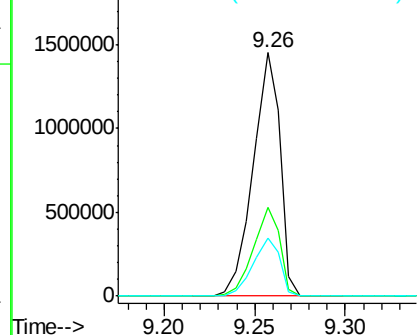


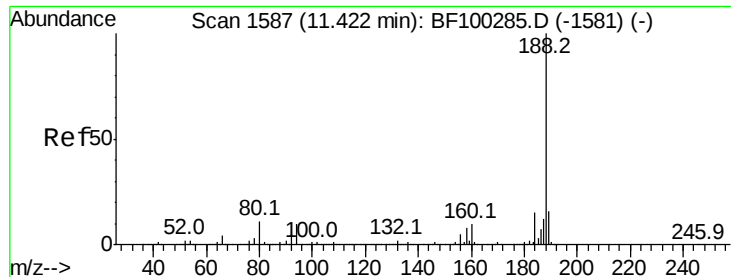
#44
 2-Fluorobiphenyl
 Concen: 71.895 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100346.D
 Acq: 9 Nov 2017 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100346.D

Acq: 9 Nov 2017 17:53

Instrument :

BNA_F

ClientSampleId :

PB103997BL

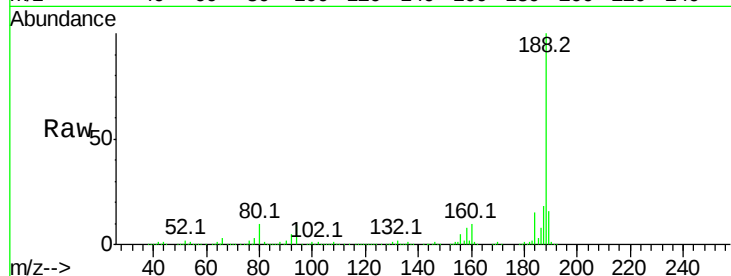
Tot Ion:188 Resp: 646204

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

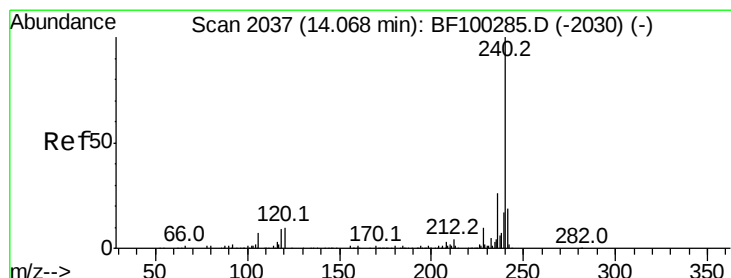
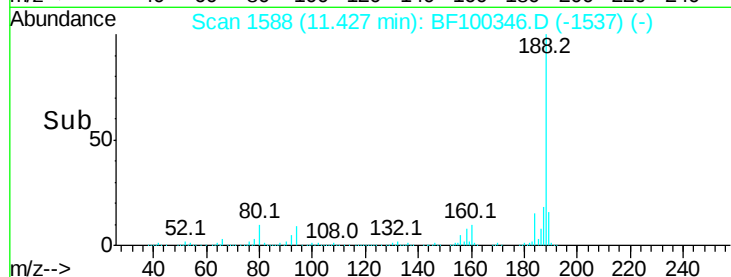
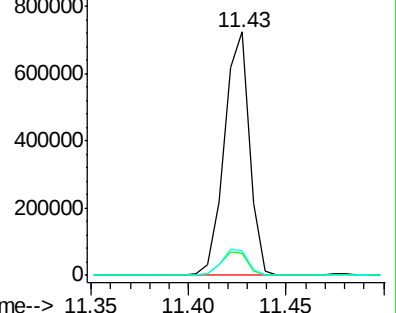
80 10.0 9.2 13.8



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: BF100346.D

Acq: 9 Nov 2017 17:53

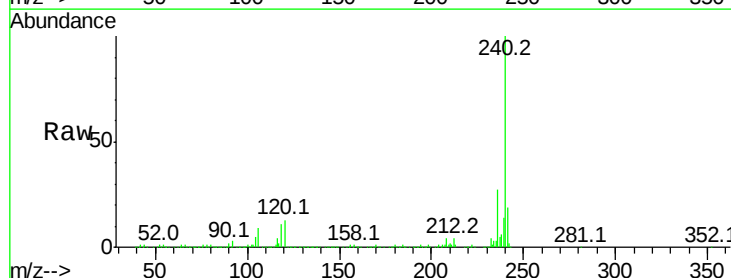
Tgt Ion:240 Resp: 541625

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

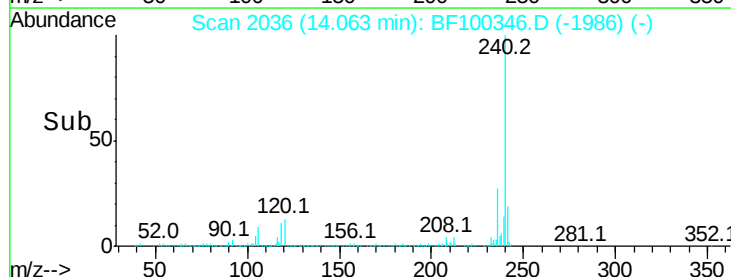
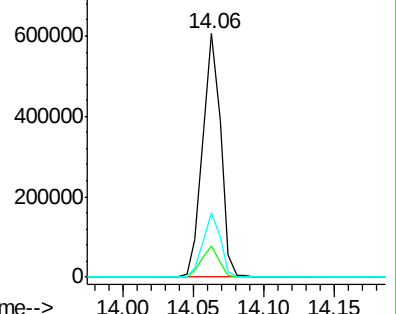
236 26.5 20.7 31.1

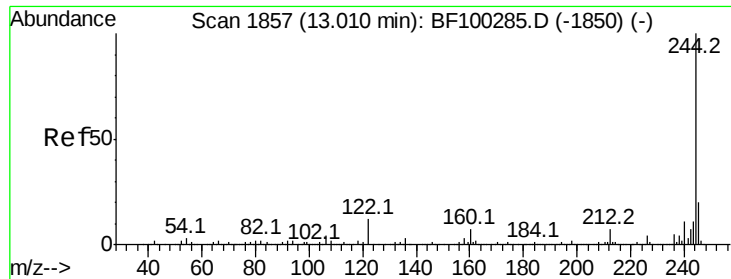


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.656 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100346.D

Acq: 9 Nov 2017 17:53

Instrument :

BNA_F

ClientSampleId :

PB103997BL

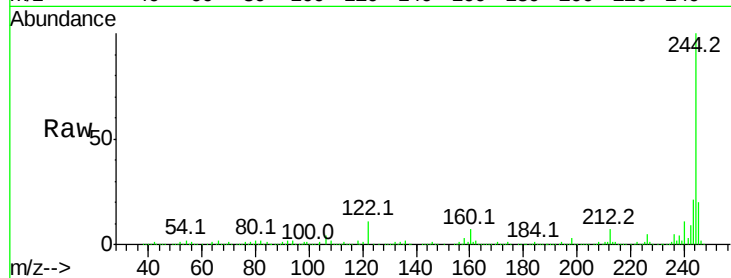
Tot Ion:244 Resp: 1524093

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

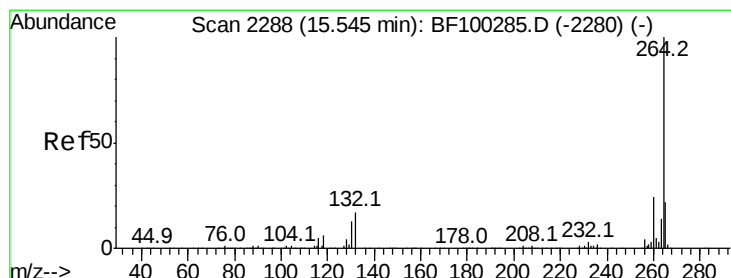
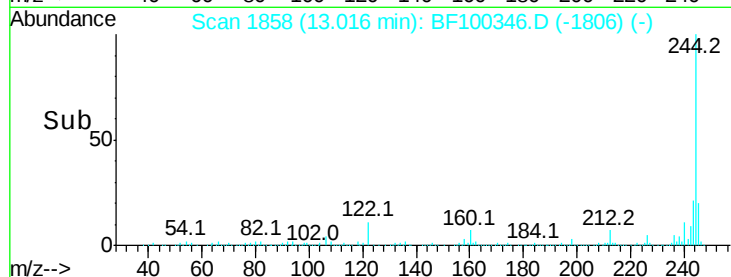
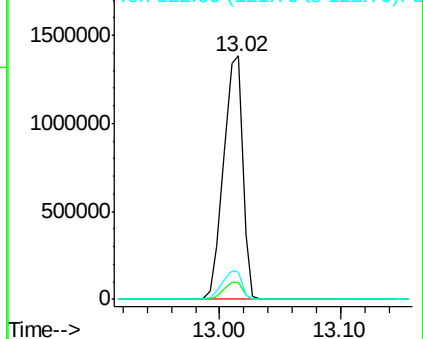
122 11.1 11.0 16.4



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: BF100346.D

Acq: 9 Nov 2017 17:53

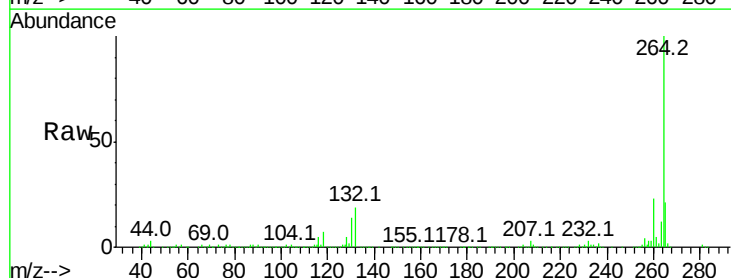
Tgt Ion:264 Resp: 422505

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 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

