

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100323.D
 Acq On : 9 Nov 2017 5:55
 Operator : SJ/JU
 Sample : I6310-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-5-RO

Quant Time: Nov 09 08:50:39 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	187153	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	736223	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	227385	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	480235	20.00	ng	0.00
75) Chrysene-d12	14.06	240	330650	20.00	ng	-0.01
86) Perylene-d12	15.54	264	172226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1338734	114.66	ng	0.02
7) Phenol-d6	6.52	99	1153778	80.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1138282	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	392473	169.38	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2068642	138.53	ng	0.00
78) Terphenyl-d14	13.01	244	1370337	95.23	ng	0.00

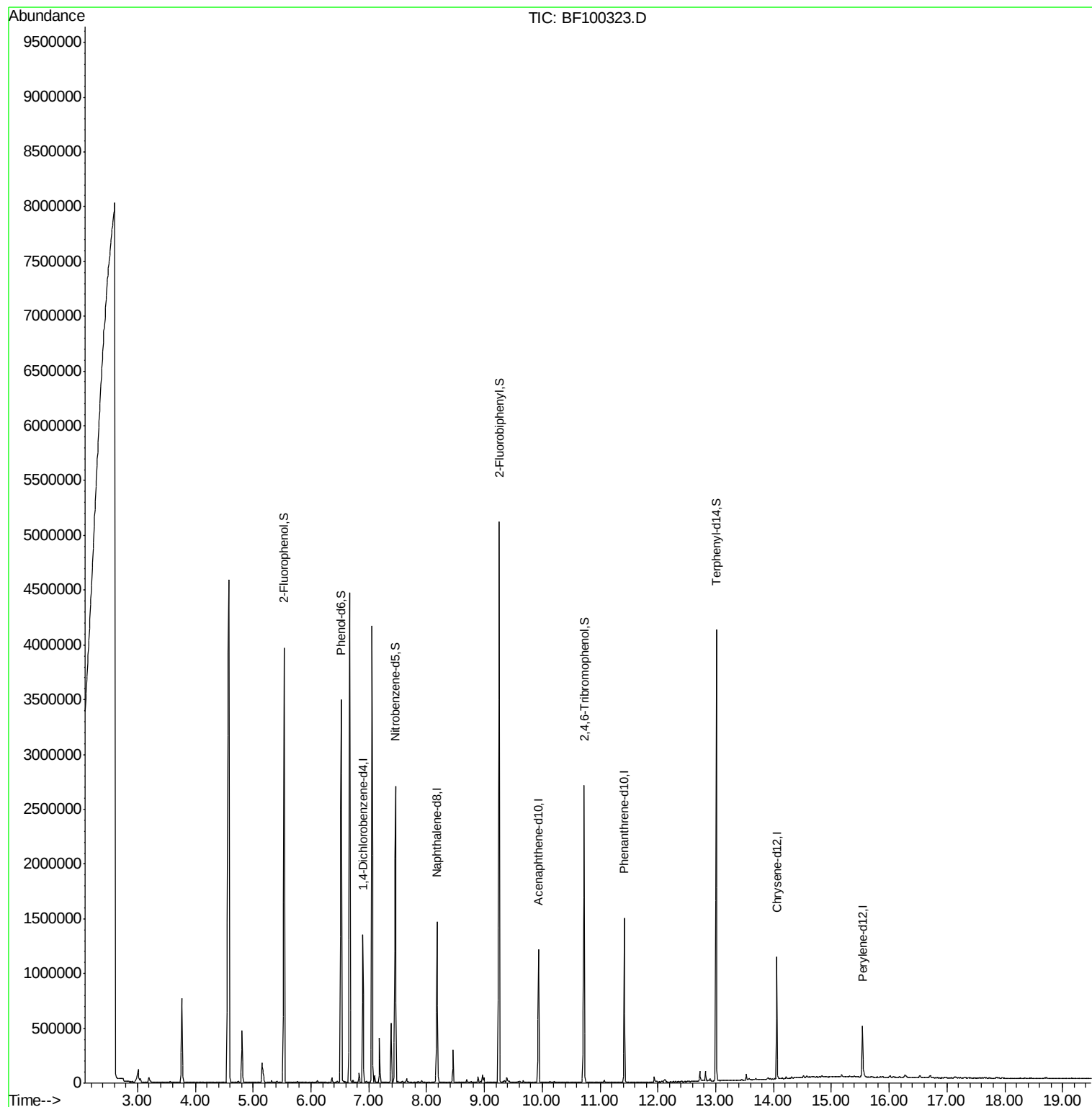
Target Compounds Qvalue

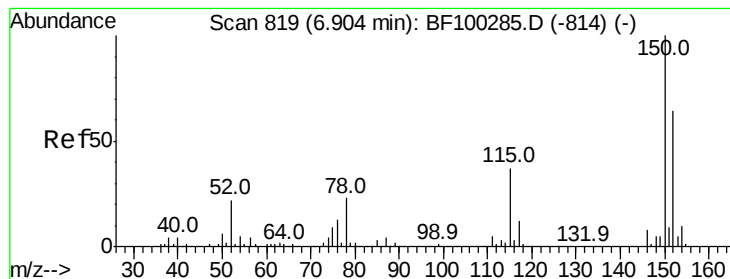
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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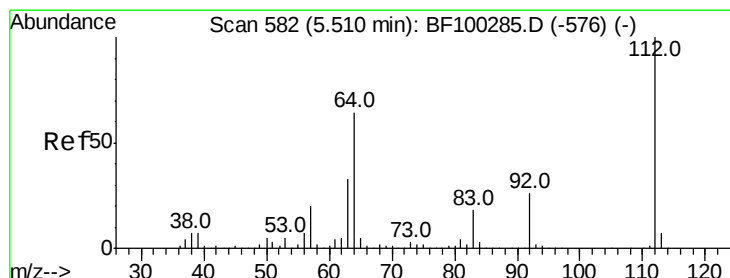
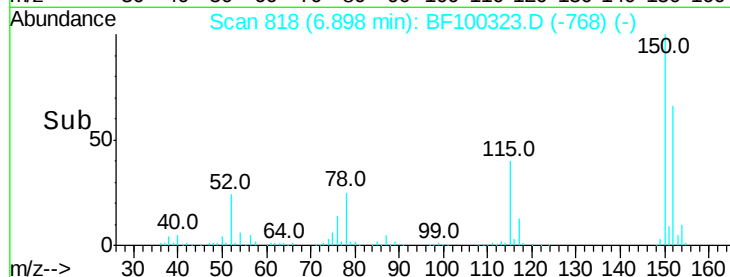
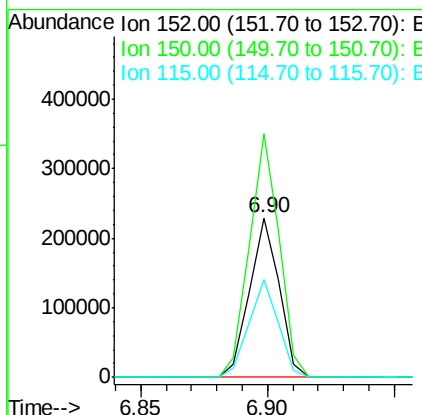
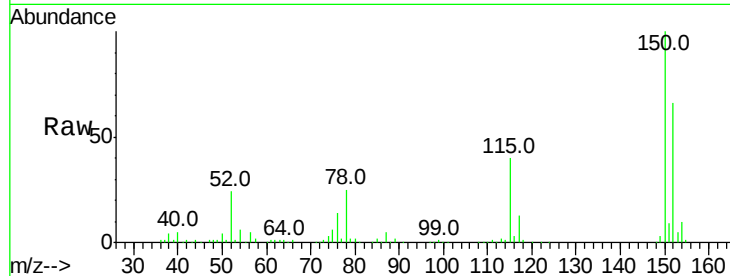


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Instrument :
BNA_F
ClientSampled :
1-5-RO

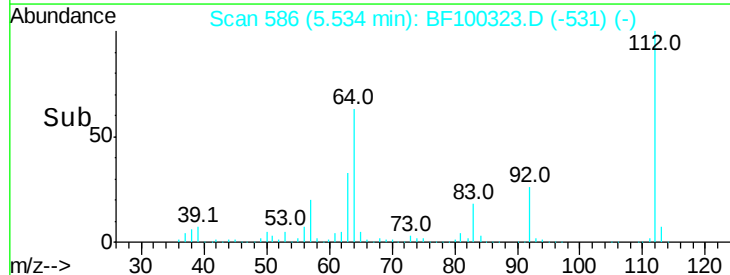
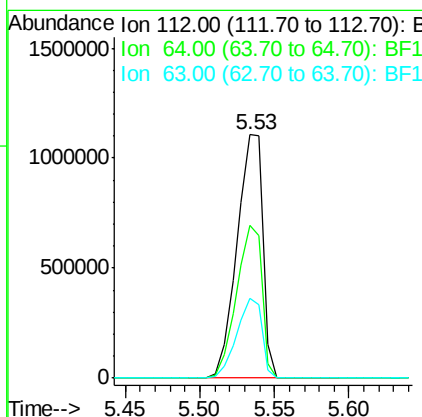
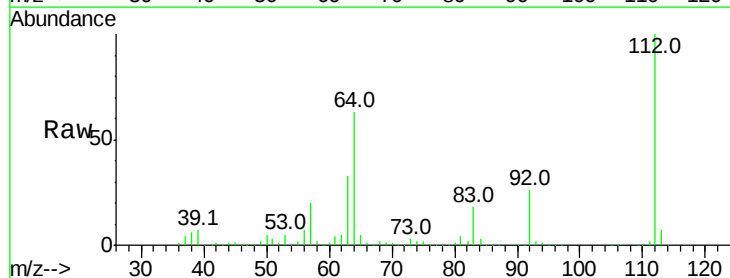
Tot Ion:152 Resp: 187153
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 61.1 50.1 75.1

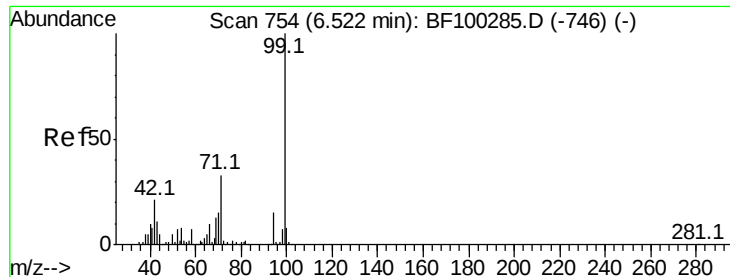


#5

2-Fluorophenol
Concen: 114.664 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tgt Ion:112 Resp: 1338734
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 80.139 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

Instrument :

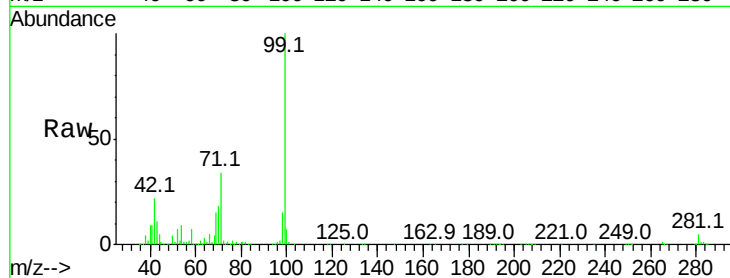
BNA_F

ClientSampleId :

1-5-RO

Tot Ion: 99 Resp: 1153778

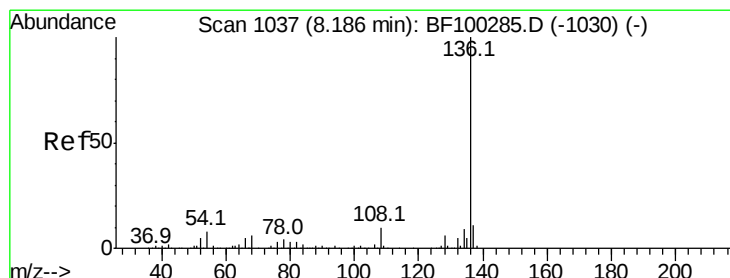
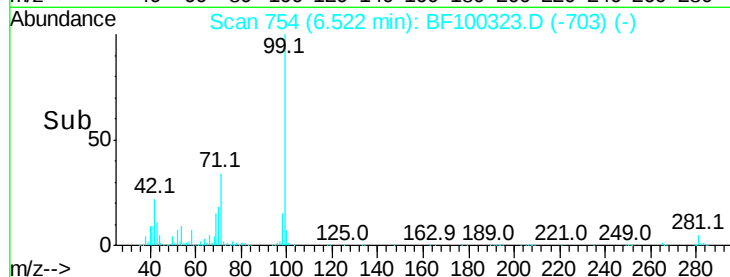
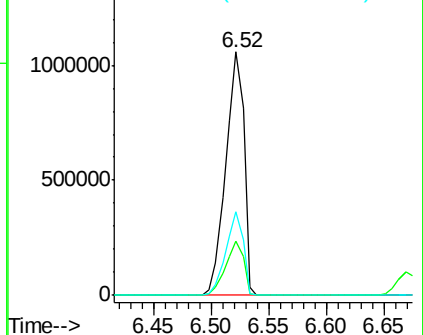
Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	34.2	25.4	38.0



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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

Tgt Ion: 136 Resp: 736223

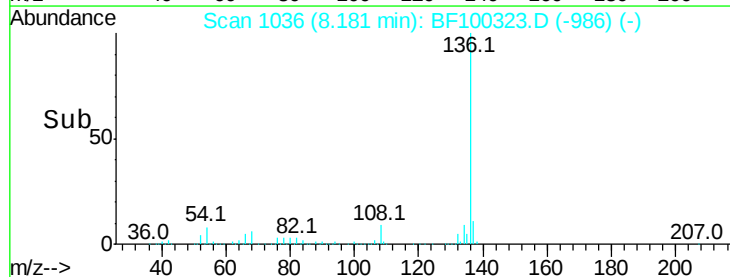
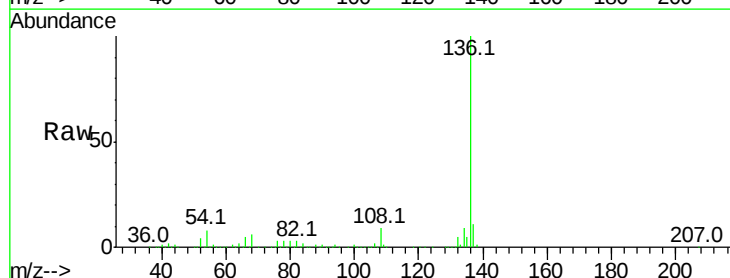
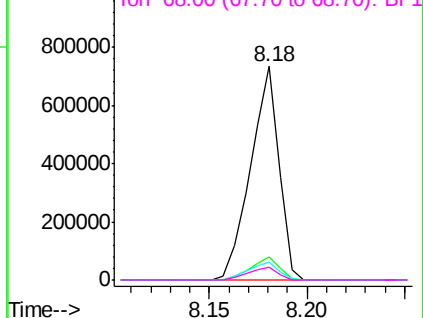
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.5	6.6	9.8
68	6.2	5.0	7.4

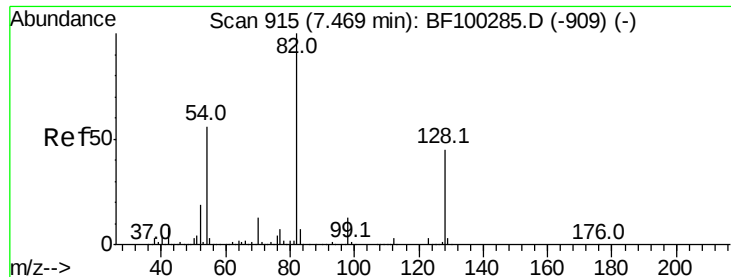
Abundance Ion 136.00 (135.70 to 136.70): E

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

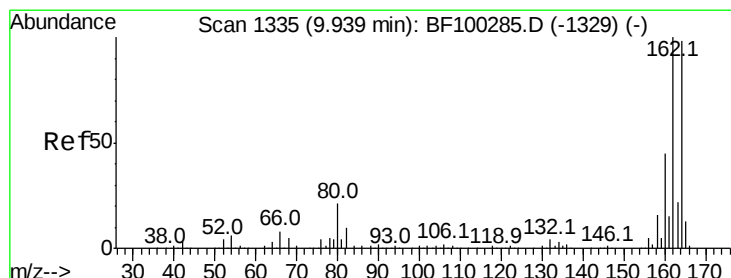
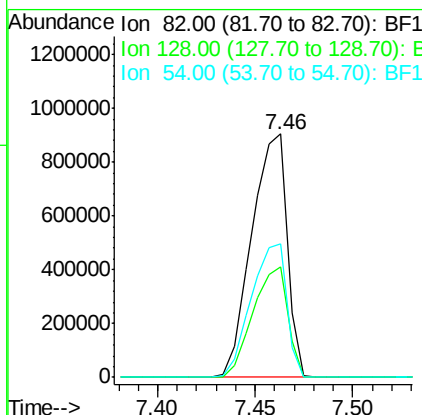
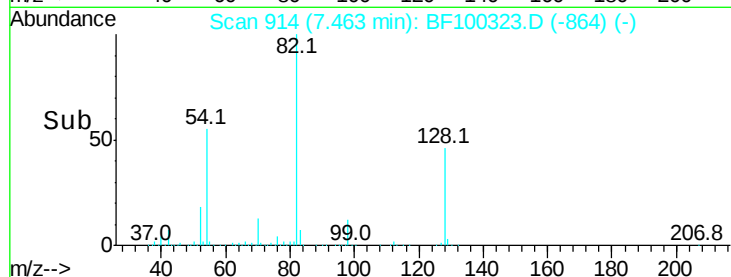
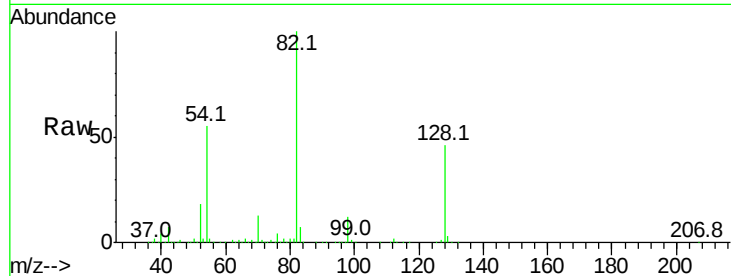




#23
Nitrobenzene-d5
Concen: 102.219 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

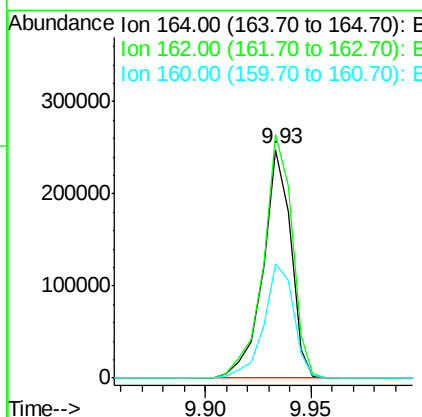
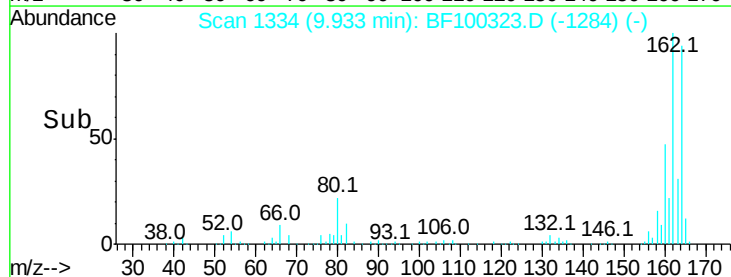
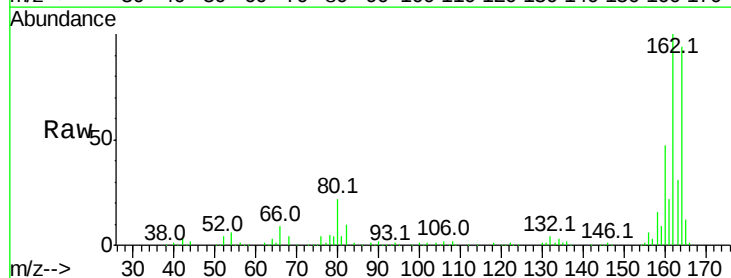
Instrument :
BNA_F
ClientSampleId :
1-5-RO

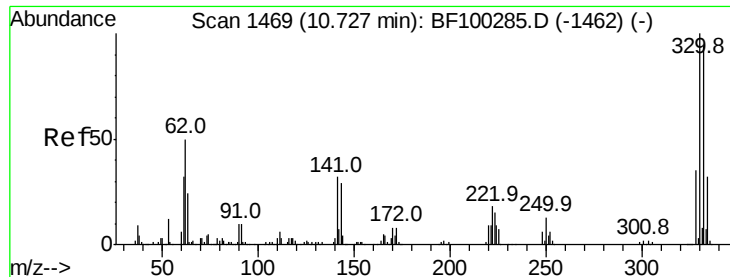
Tot Ion: 82 Resp: 1138282
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 54.9 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tgt Ion: 164 Resp: 227385
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 49.9 38.3 57.5

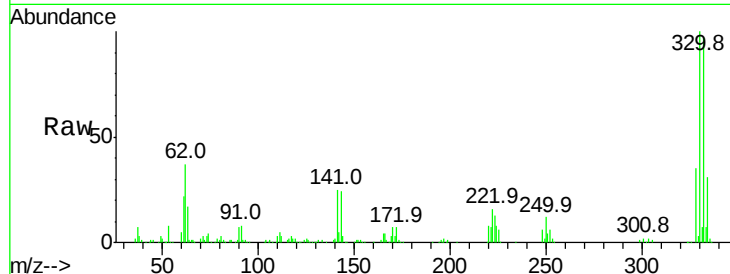




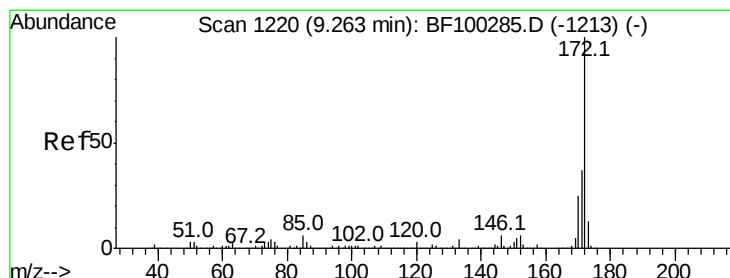
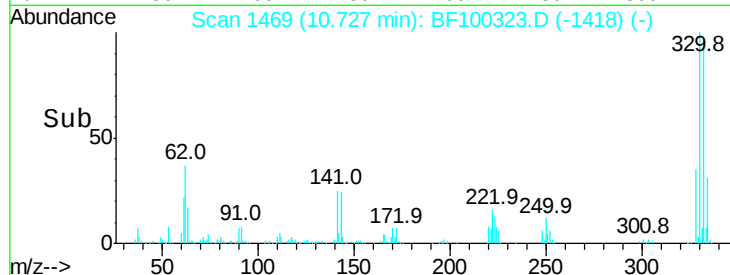
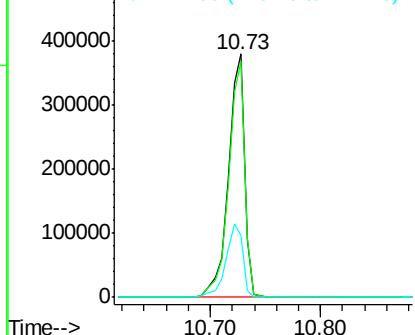
#41
 2,4,6-Tribromophenol
 Concen: 169.384 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 1-5-RO

Tot Ion:330 Resp: 392473
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 31.3 29.9 44.9

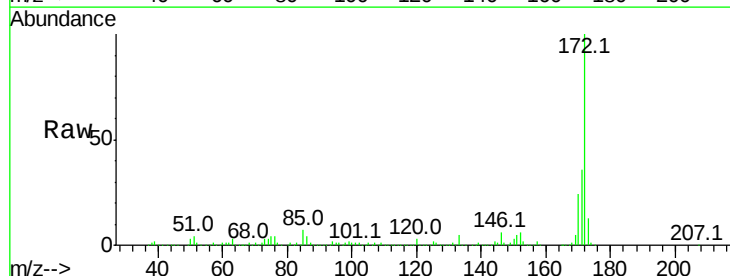


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

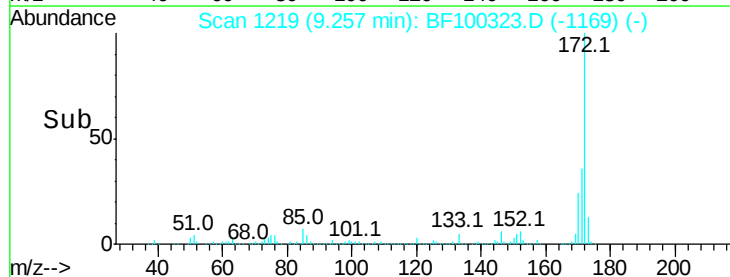
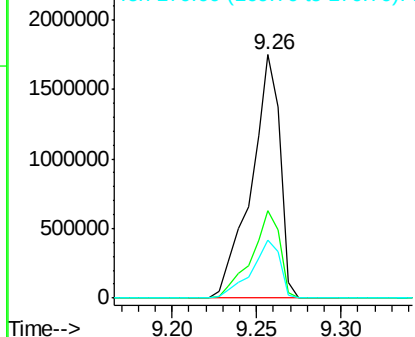


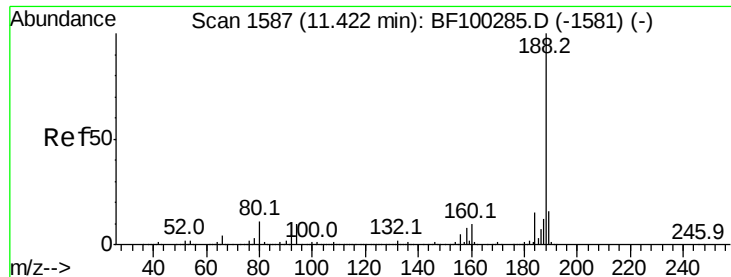
#44
 2-Fluorobiphenyl
 Concen: 138.529 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100323.D
 Acq: 9 Nov 2017 5:55

Tgt Ion:172 Resp: 2068642
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 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

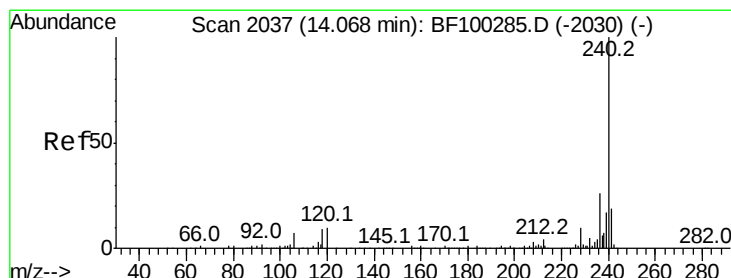
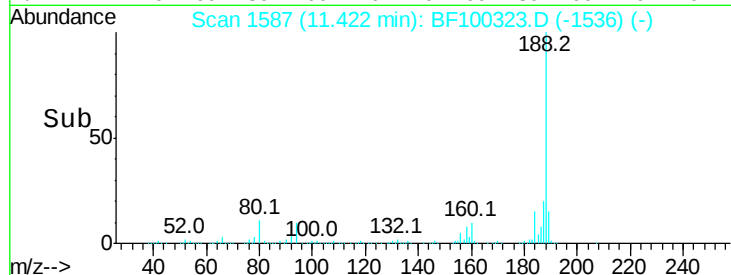
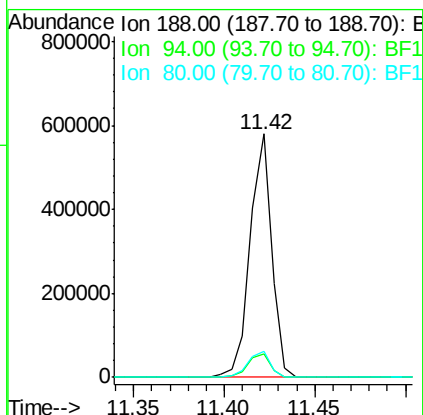
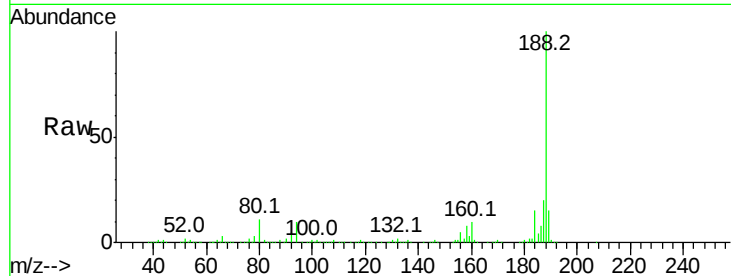




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

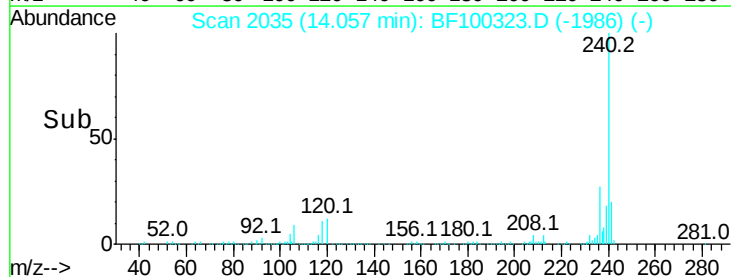
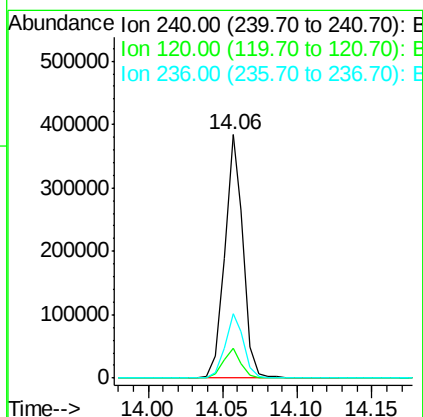
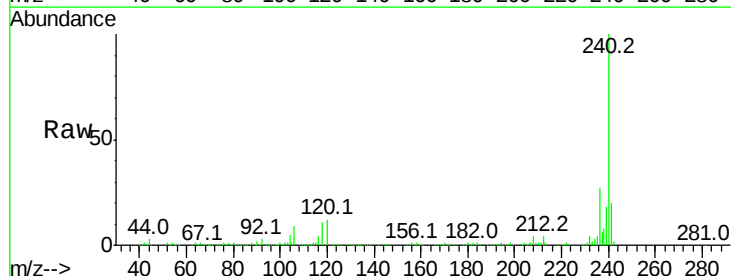
Instrument :
BNA_F
ClientSampled :
1-5-RO

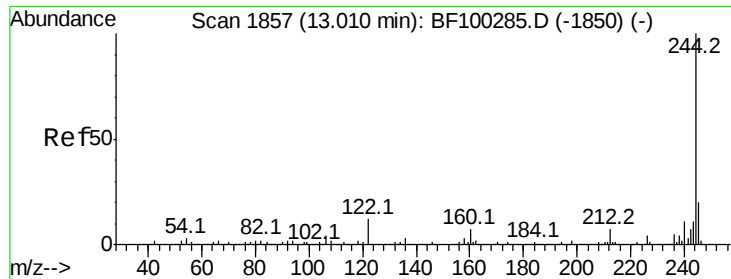
Tot Ion:188 Resp: 480235
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100323.D
Acq: 9 Nov 2017 5:55

Tgt Ion:240 Resp: 330650
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 95.226 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

Instrument :

BNA_F

ClientSampleId :

1-5-RO

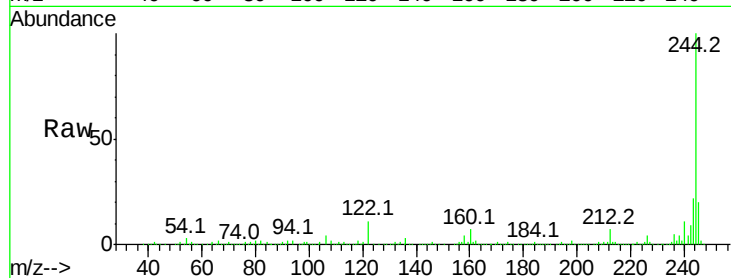
Tot Ion:244 Resp: 1370337

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

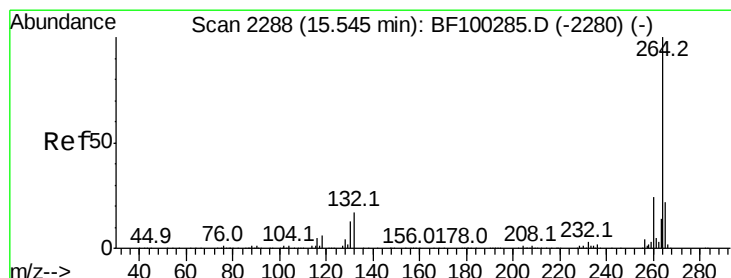
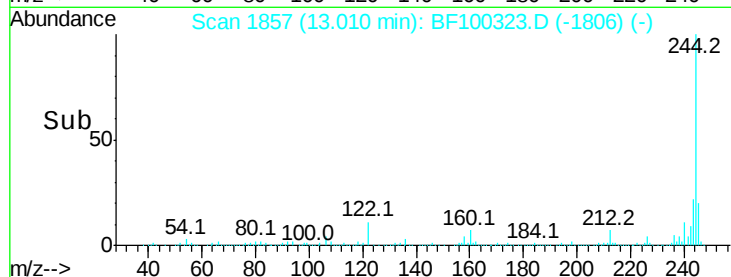
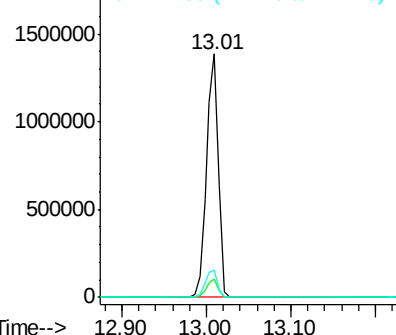
122 11.1 11.0 16.4



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# 2287

Delta R.T. -0.01 min

Lab File: BF100323.D

Acq: 9 Nov 2017 5:55

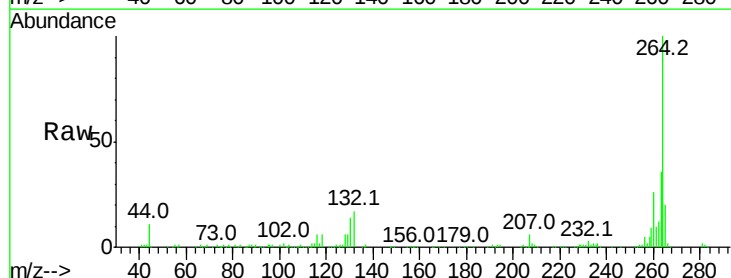
Tgt Ion:264 Resp: 172226

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 20.1 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

