

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100328.D
 Acq On : 9 Nov 2017 8:10
 Operator : SJ/JU
 Sample : I6381-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Quant Time: Nov 09 09:45:34 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

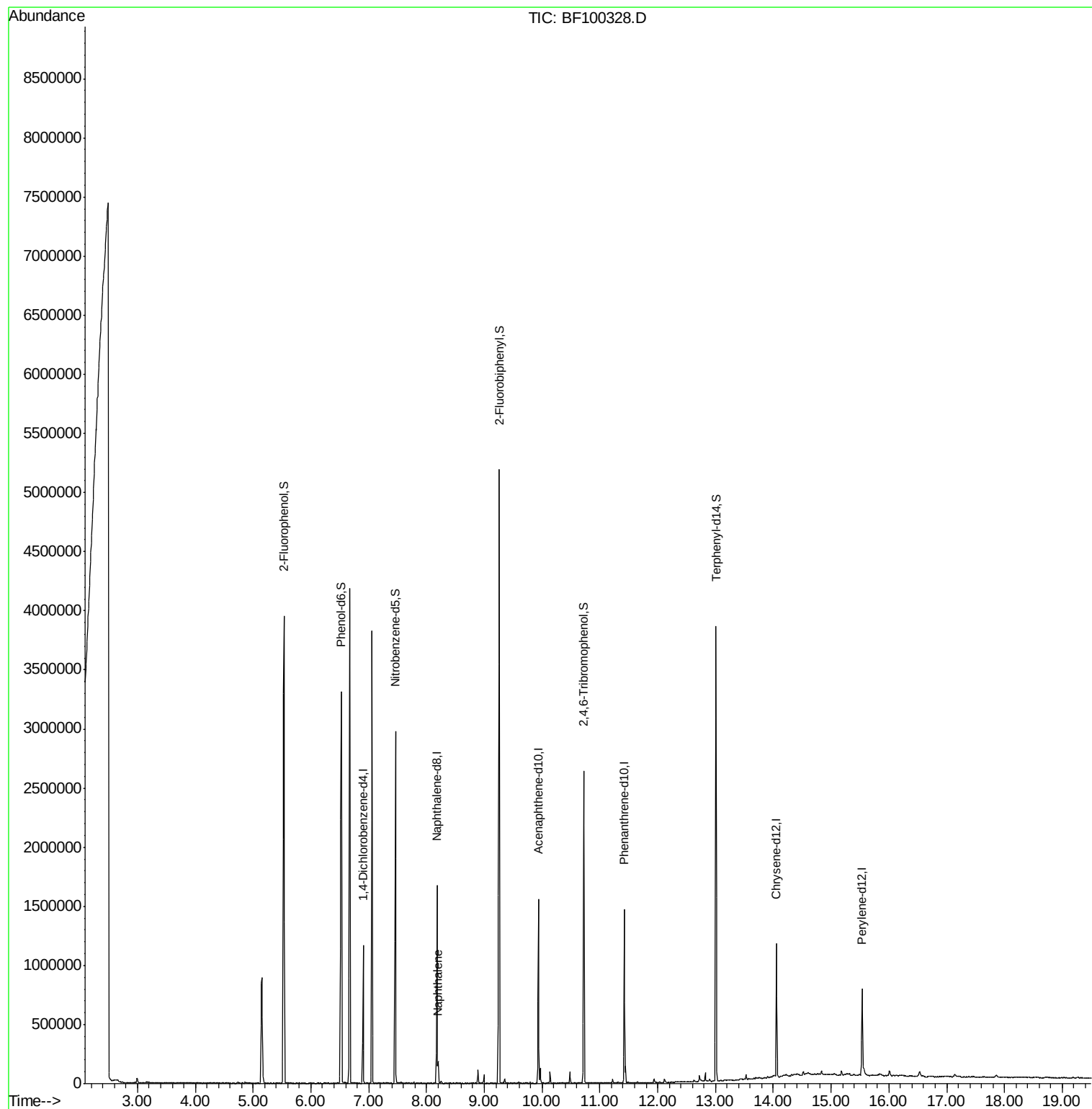
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175888	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	691087	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298606	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	476504	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359078	20.00	ng	-0.01
86) Perylene-d12	15.54	264	339242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1187067	108.19	ng	0.02
7) Phenol-d6	6.53	99	1313478	97.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1039288	99.42	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	331645	108.99	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1819911	92.80	ng	0.00
78) Terphenyl-d14	13.01	244	1272834	81.45	ng	0.00
Target Compounds						
31) Naphthalene	8.20	128	81597	2.451	ng	Qvalue 98

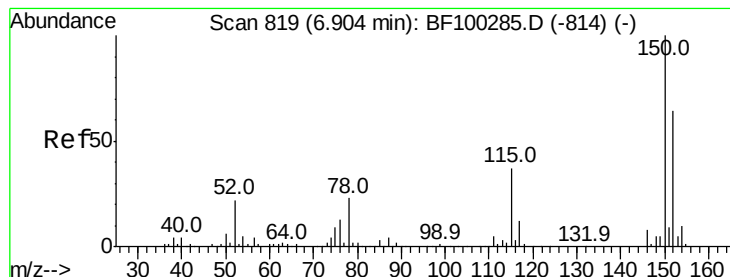
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF100328.D

Acq: 9 Nov 2017 8:10

Instrument :

BNA_F

ClientSampleId :

RT-1500

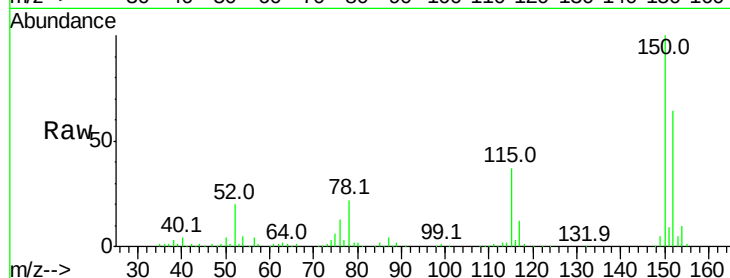
Tot Ion:152 Resp: 175888

Ion Ratio Lower Upper

152 100

150 157.0 124.6 186.8

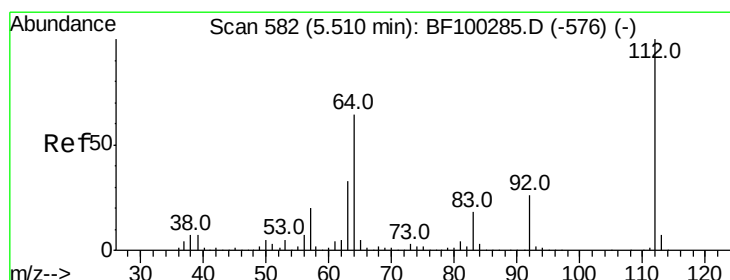
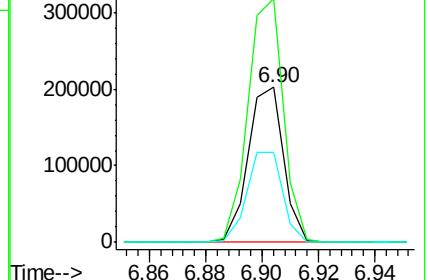
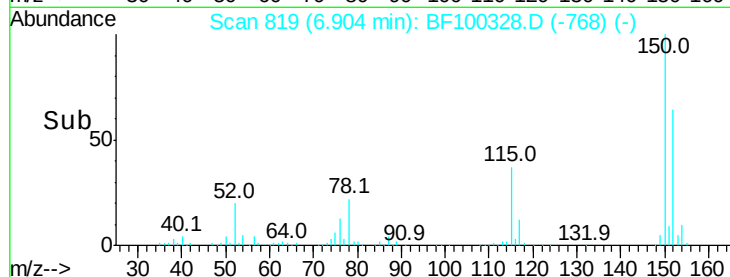
115 57.8 50.1 75.1



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: 108.186 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

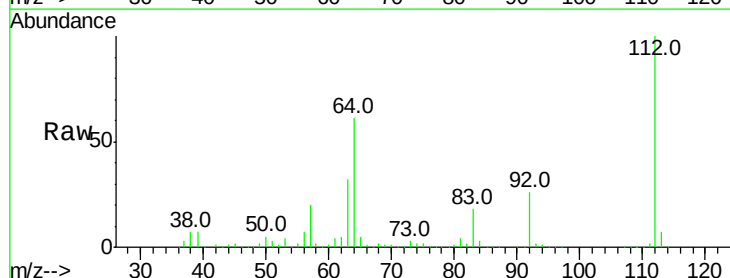
Tgt Ion:112 Resp: 1187067

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

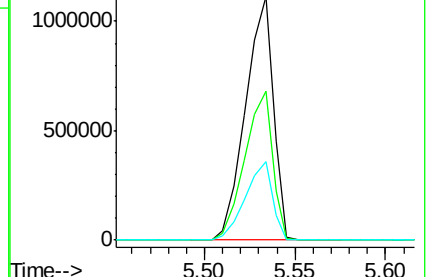
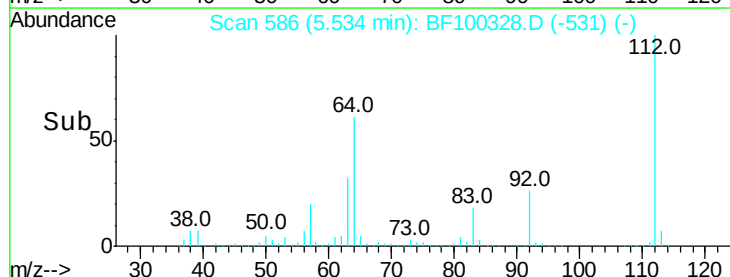
63 32.1 23.7 35.5

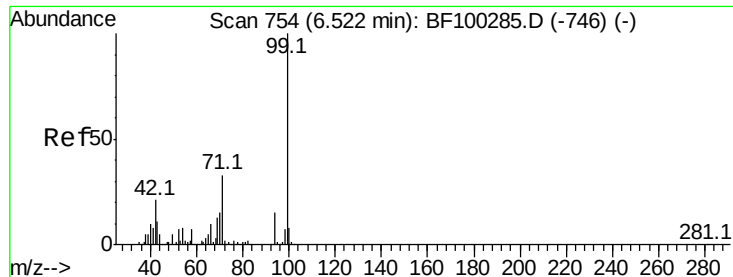


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.075 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

Instrument :

BNA_F

ClientSampleId :

RT-1500

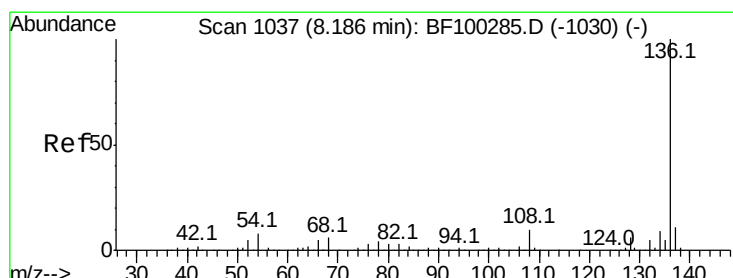
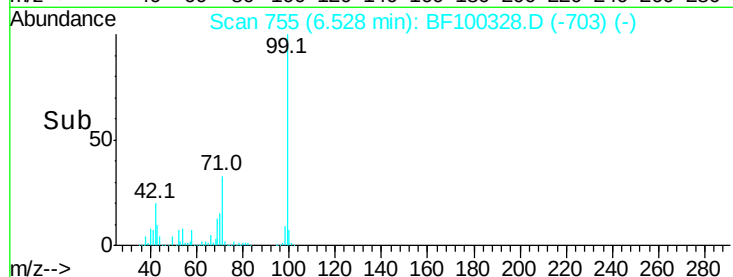
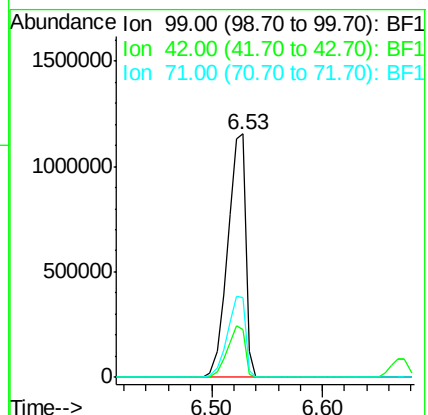
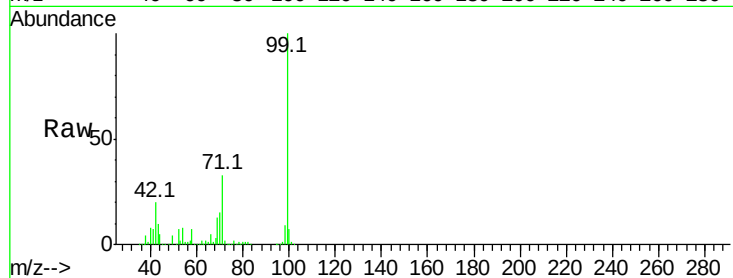
Tot Ion: 99 Resp: 1313478

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 33.0 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: BF100328.D

Acq: 9 Nov 2017 8:10

Tgt Ion: 136 Resp: 691087

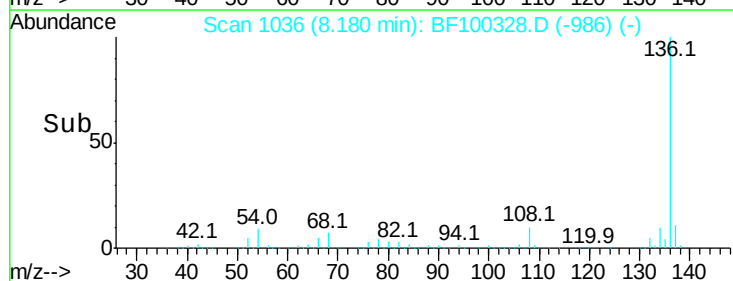
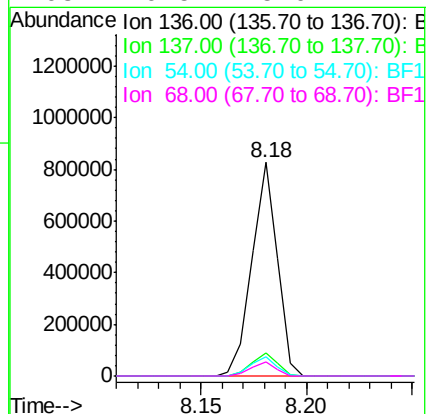
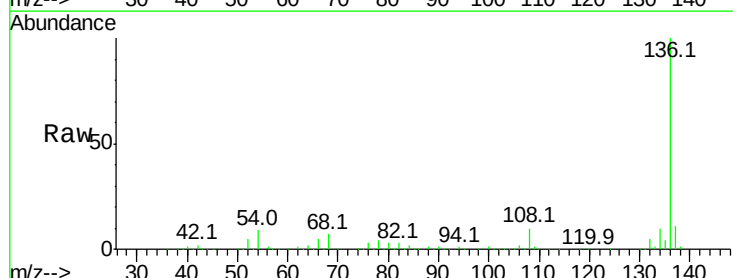
Ion Ratio Lower Upper

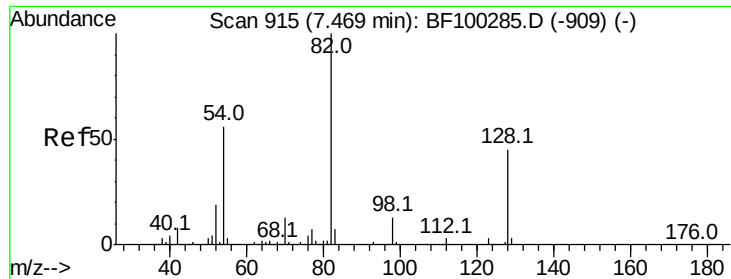
136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4



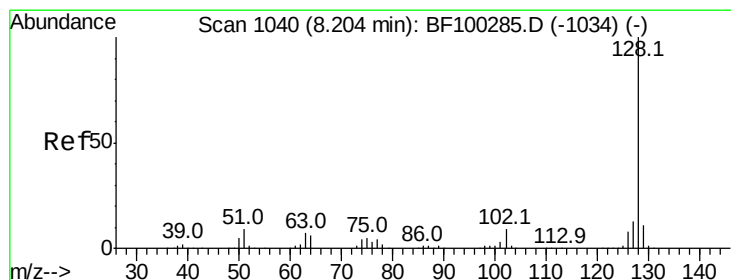
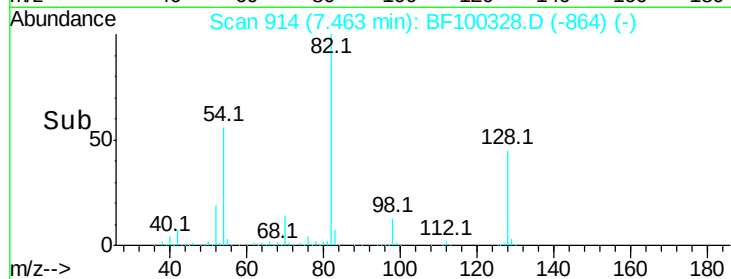
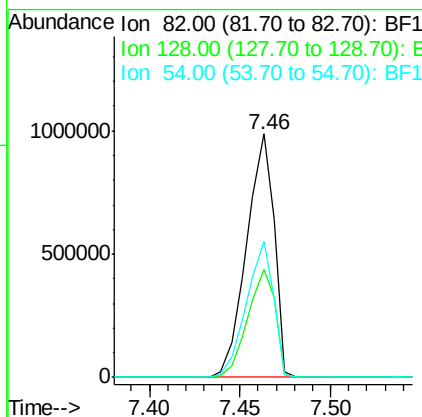
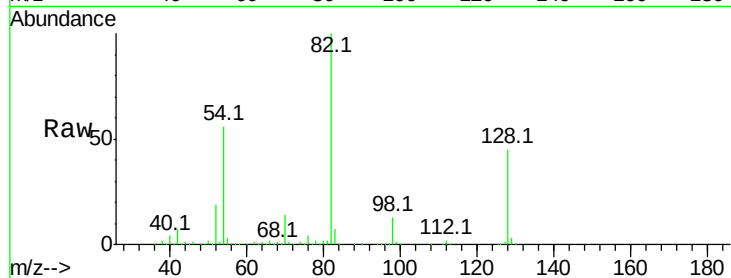


#23
 Nitrobenzene-d5
 Concen: 99.424 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Tot Ion: 82 Resp: 1039288

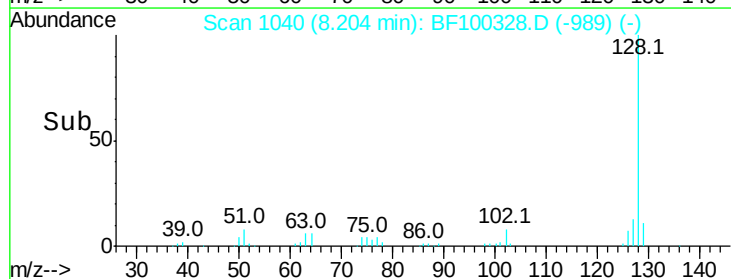
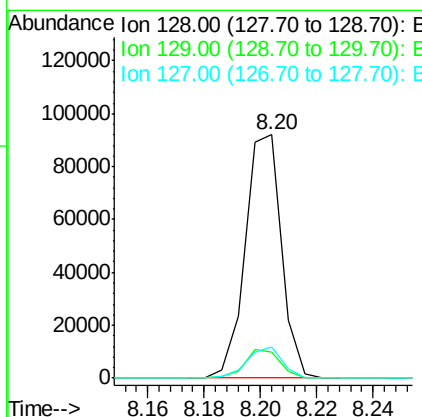
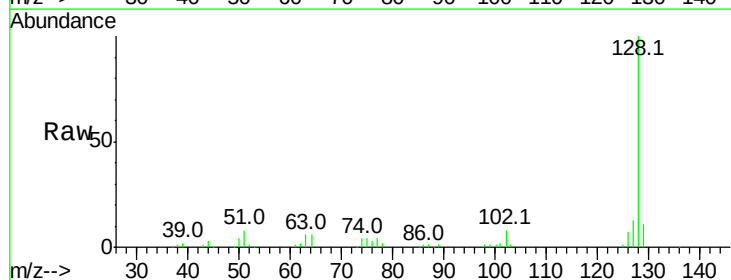
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	56.0	41.4	62.2

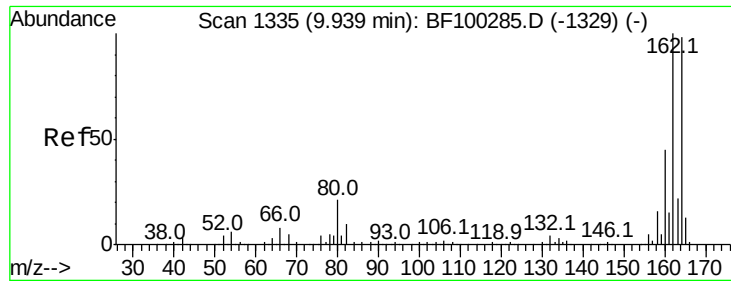


#31
 Naphthalene
 Concen: 2.451 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tgt Ion: 128 Resp: 81597

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.6	10.9	16.3

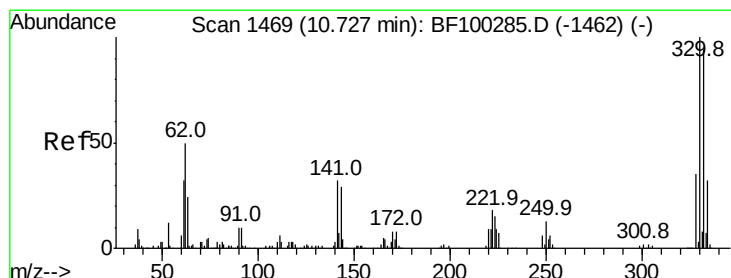
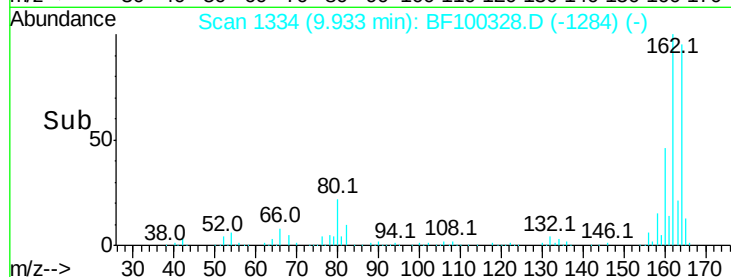
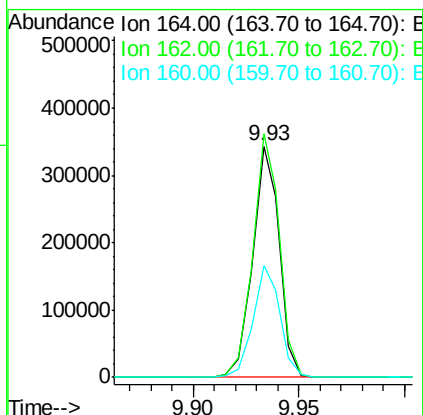
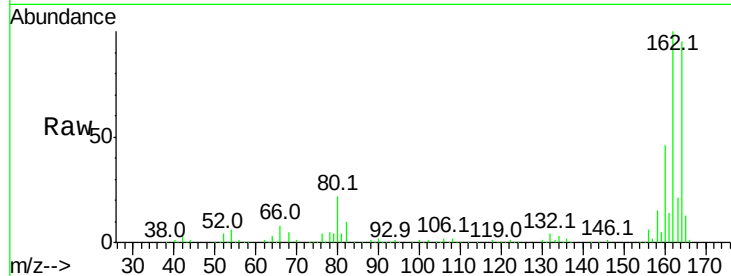




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

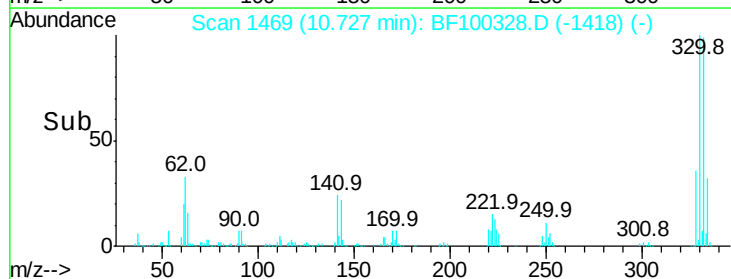
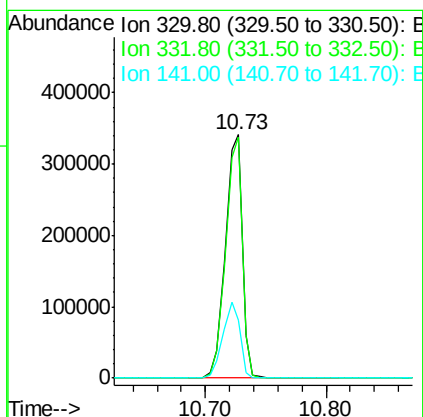
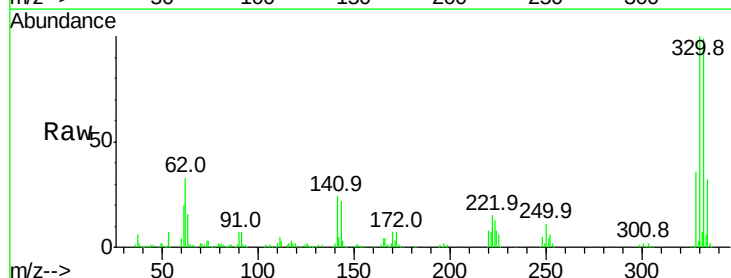
Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

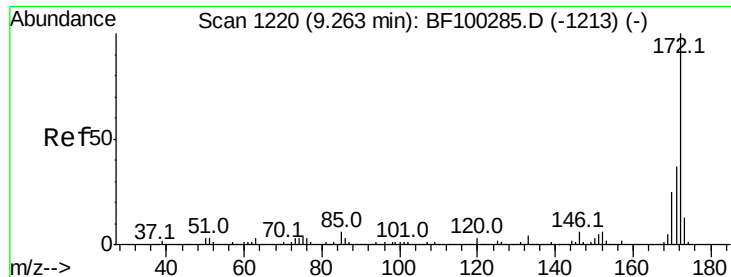
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 108.994 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.3	29.9	44.9



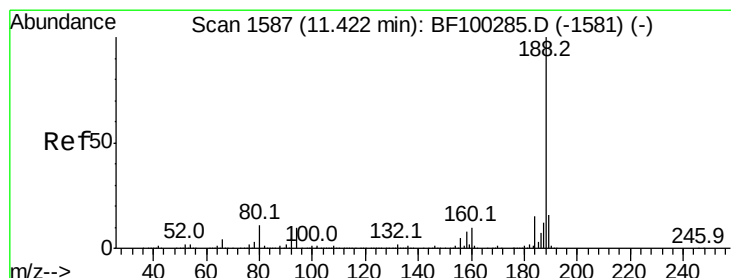
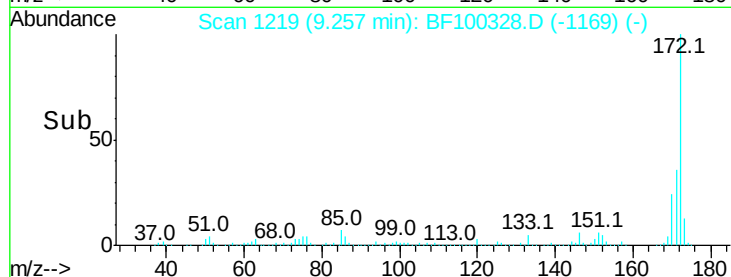
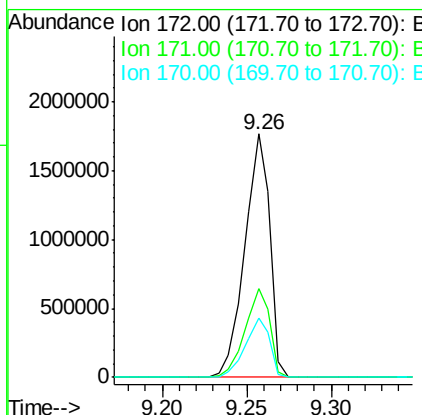
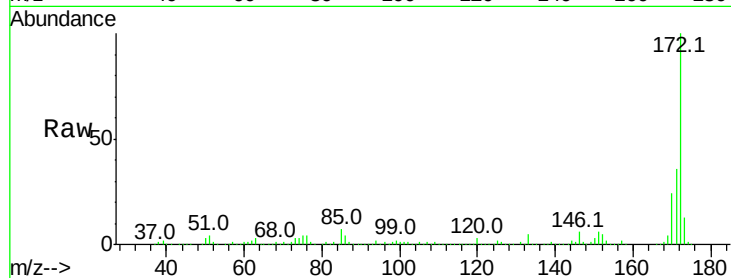


#44
 2-Fluorobiphenyl
 Concen: 92.805 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Tot Ion:172 Resp: 1819911

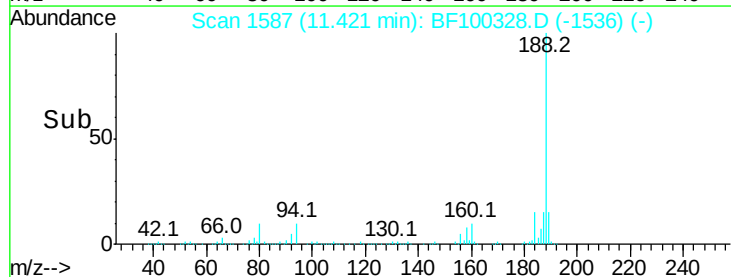
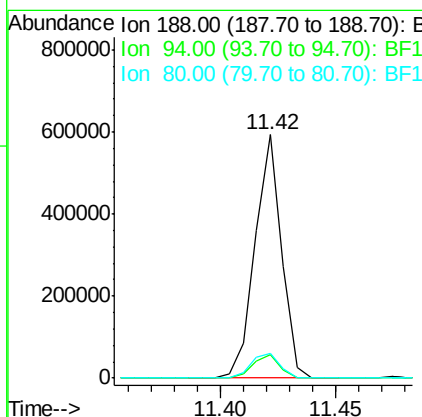
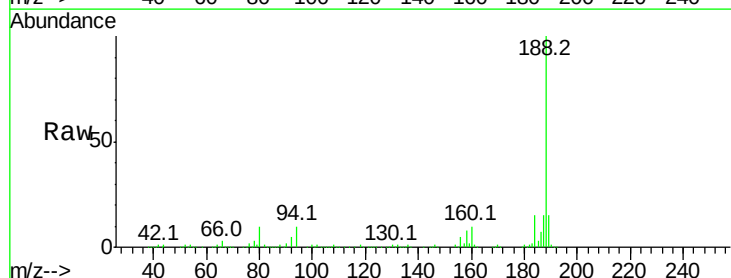
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

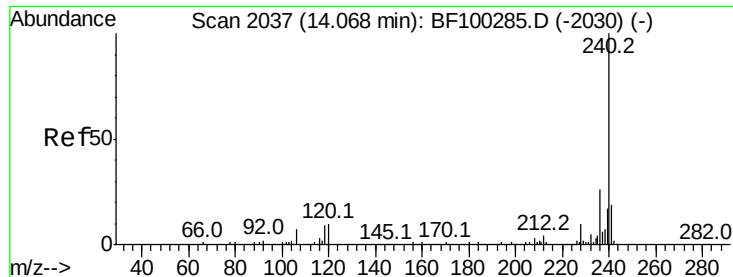


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Tgt Ion:188 Resp: 476504

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.2	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: BF100328.D

Acq: 9 Nov 2017 8:10

Instrument :

BNA_F

ClientSampled :

RT-1500

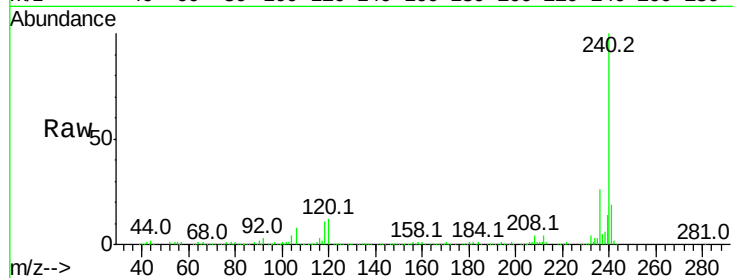
Tot Ion:240 Resp: 359078

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

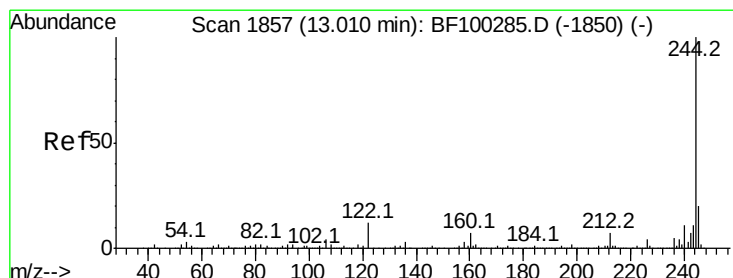
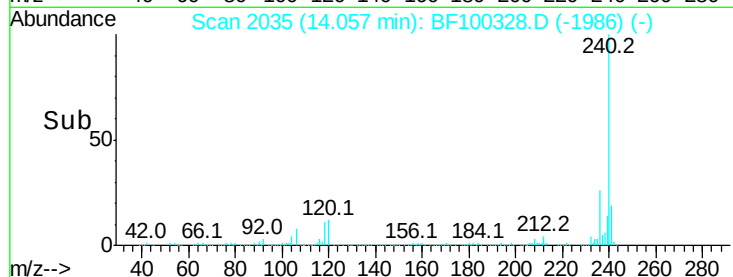
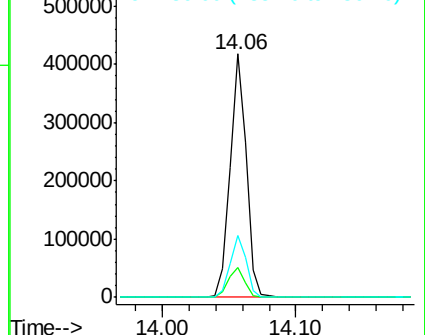
236 25.5 20.7 31.1



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: 81.448 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100328.D

Acq: 9 Nov 2017 8:10

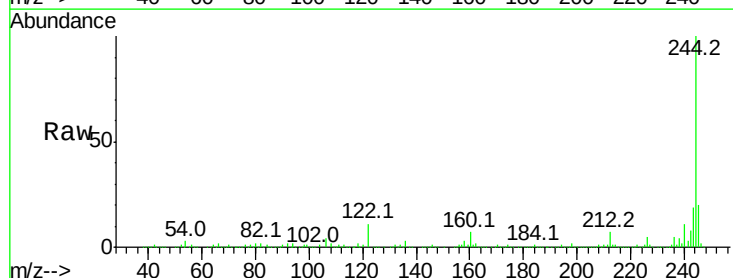
Tgt Ion:244 Resp: 1272834

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

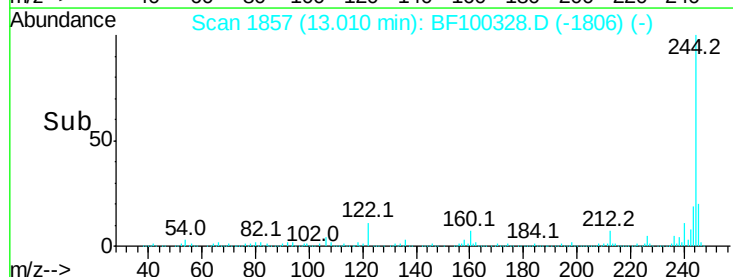
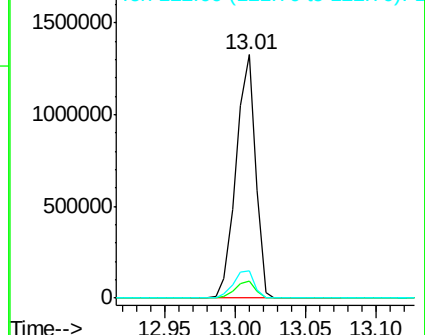
122 11.2 11.0 16.4

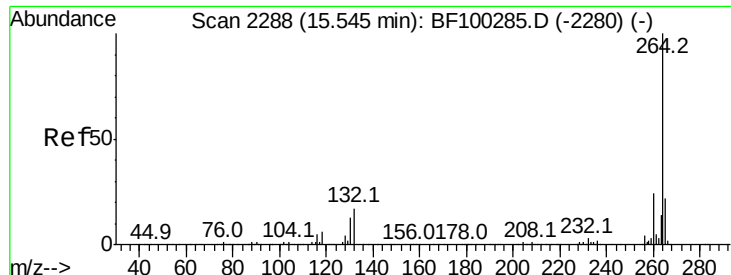


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

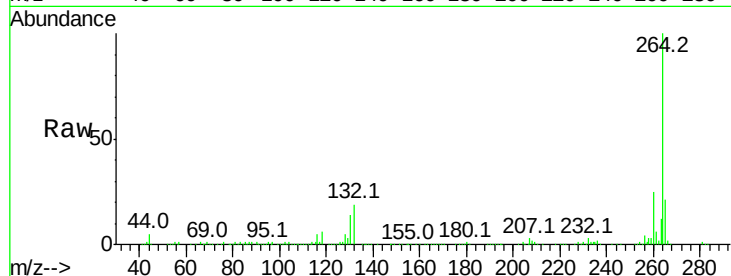




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100328.D
 Acq: 9 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Tot Ion:	264	Resp:	339242
Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

