

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100526.D
 Acq On : 14 Nov 2017 5:53
 Operator : SJ/JU
 Sample : I6441-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Quant Time: Nov 14 08:50:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119890	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	435470	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	172972	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	280765	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	262009	20.00	ng	-0.02
86) Perylene-d12	15.53	264	203149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	875336	117.04	ng	0.01
7) Phenol-d6	6.52	99	931085	100.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	736356	111.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	231259	131.20	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1263944	111.27	ng	-0.02
78) Terphenyl-d14	13.00	244	987223	86.58	ng	-0.01

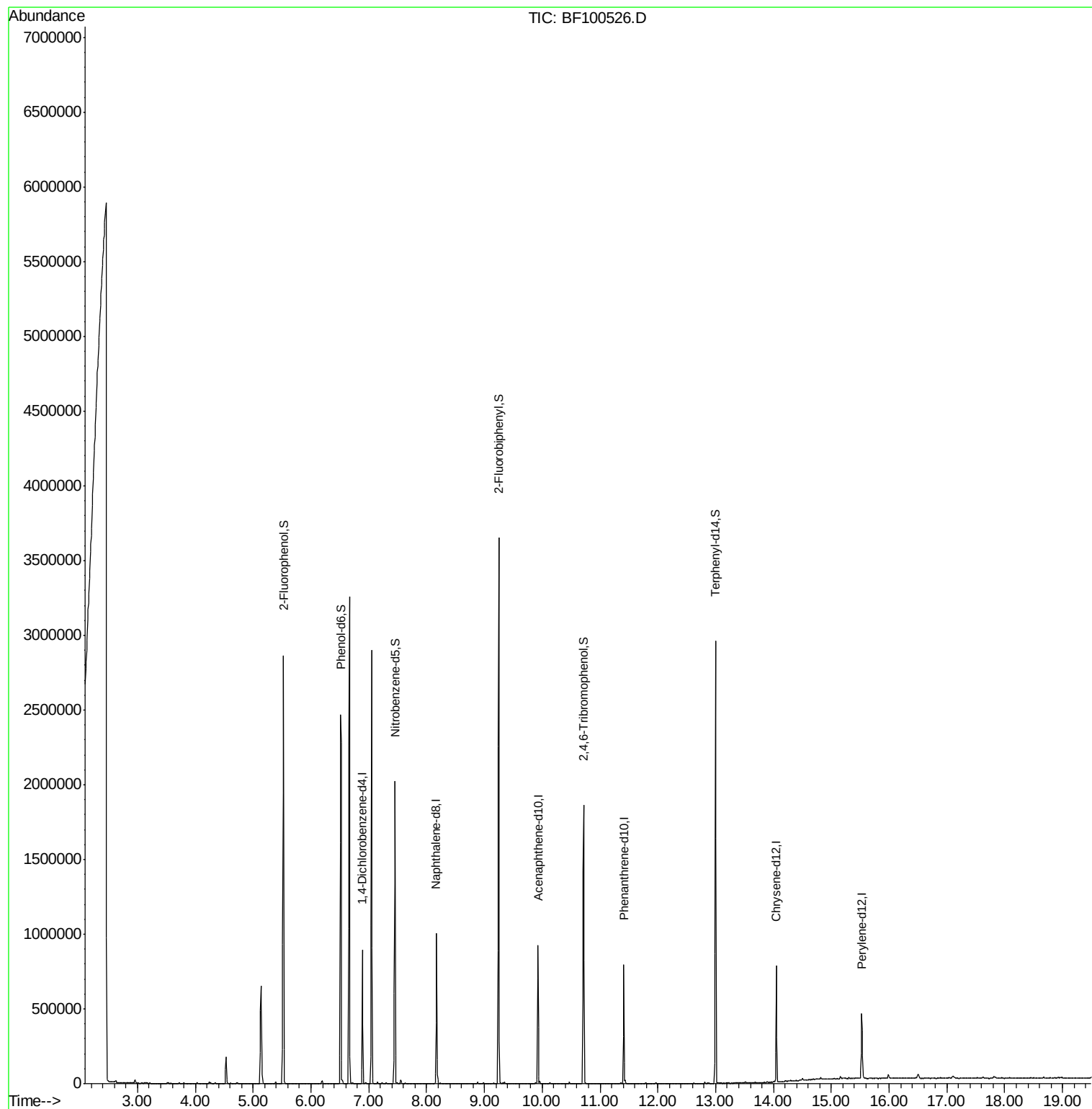
Target Compounds Qvalue

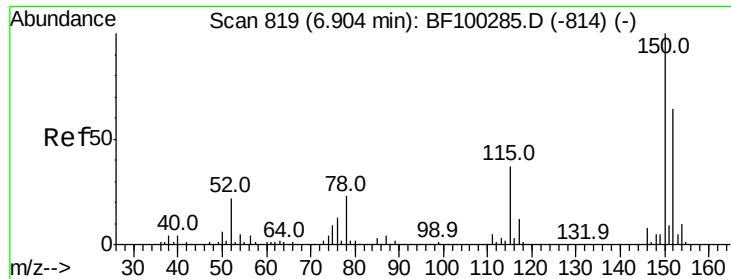
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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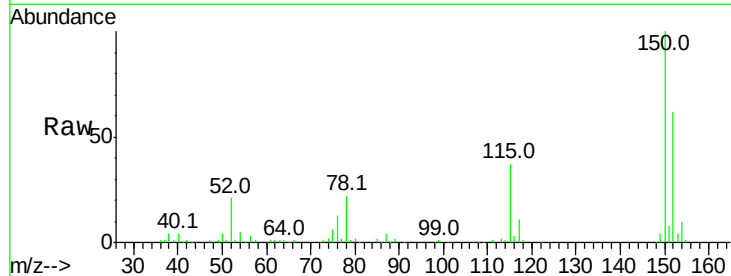


#1

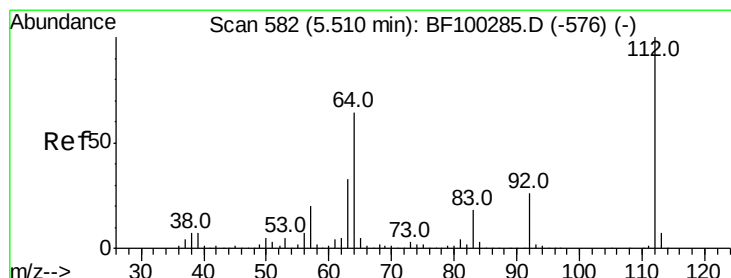
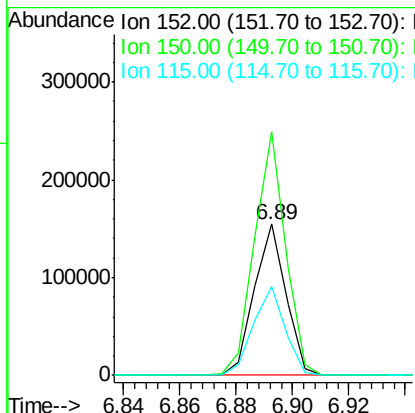
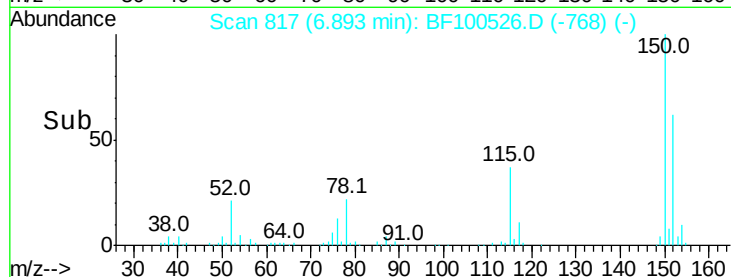
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	58.8	50.1	75.1



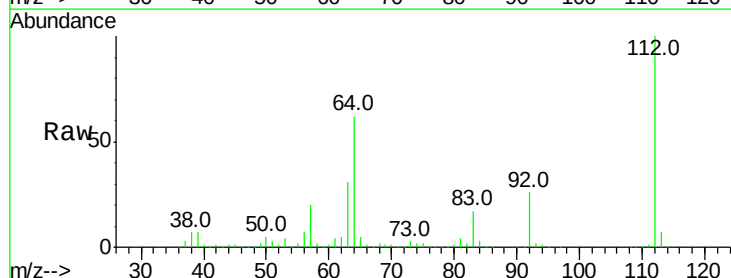
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



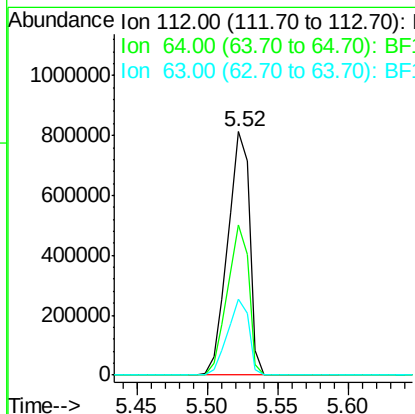
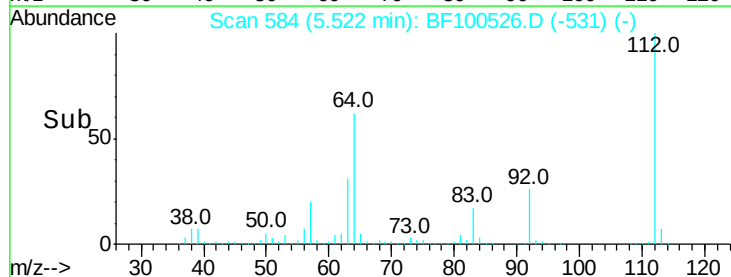
#5

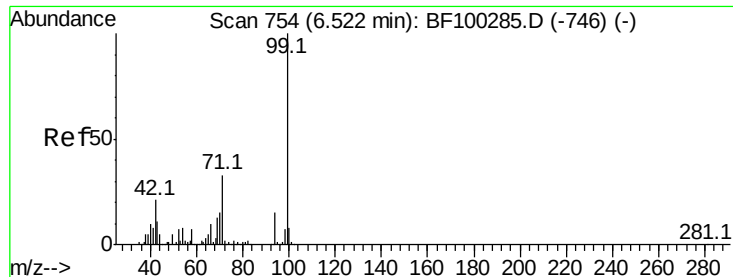
2-Fluorophenol
 Concen: 117.037 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.1	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: 100.955 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

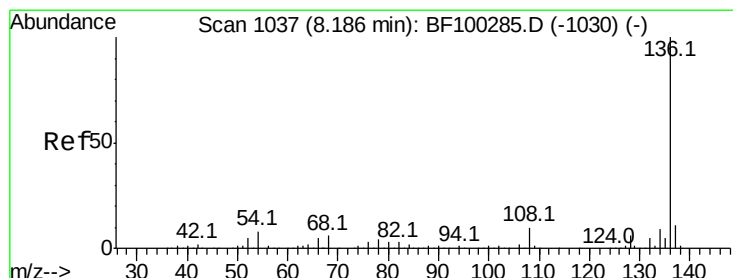
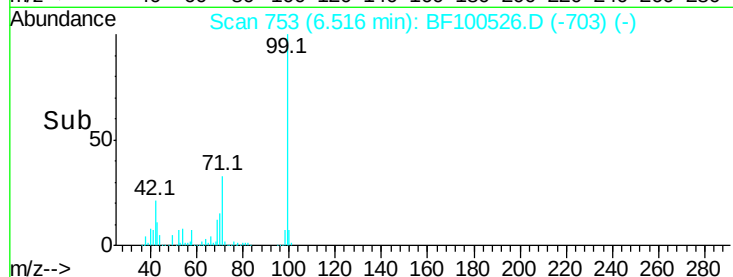
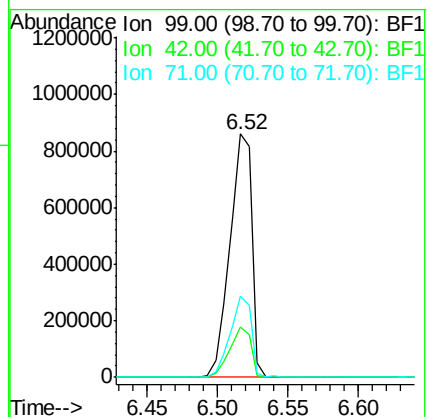
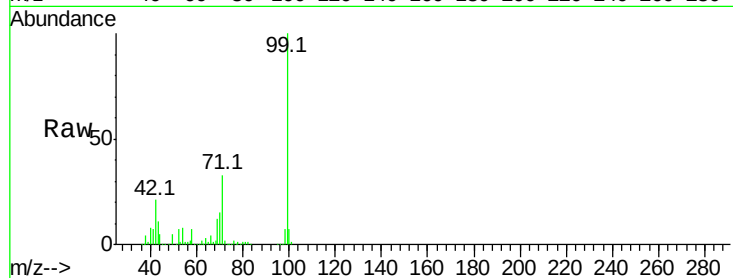
Tot Ion: 99 Resp: 931085

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

Tgt Ion: 136 Resp: 435470

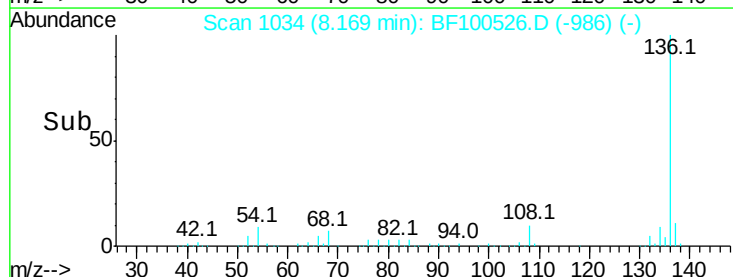
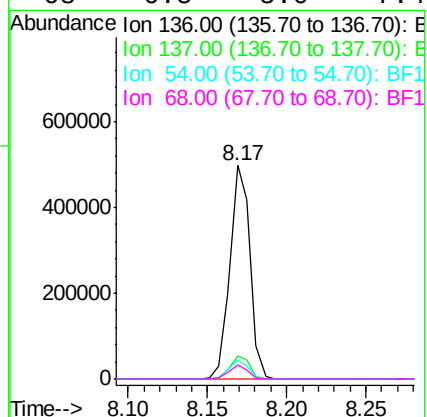
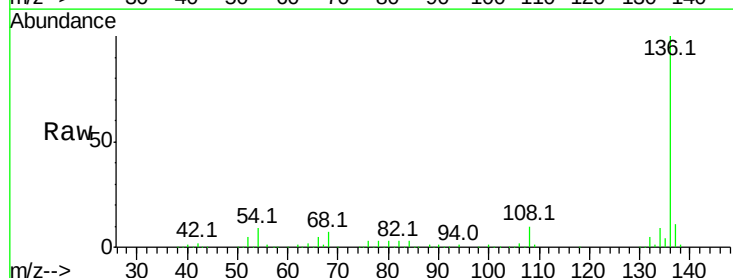
Ion Ratio Lower Upper

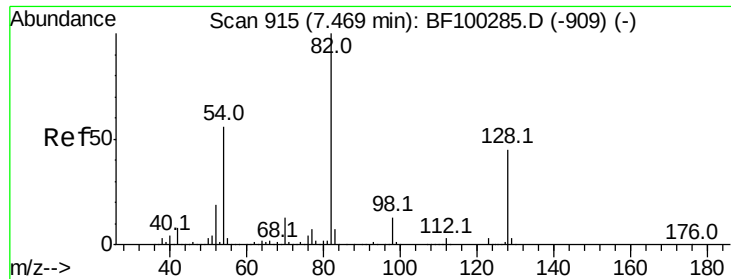
136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

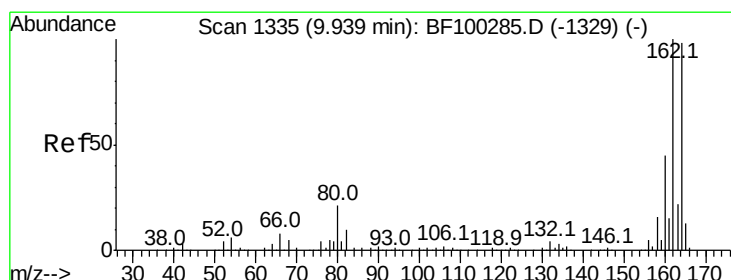
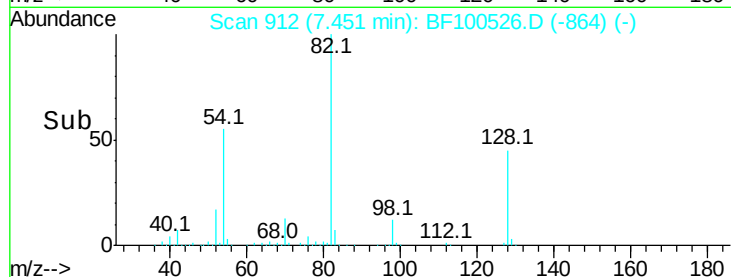
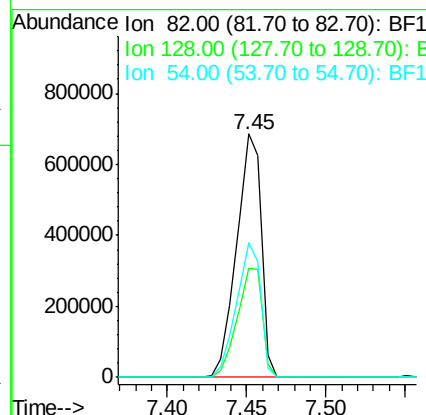
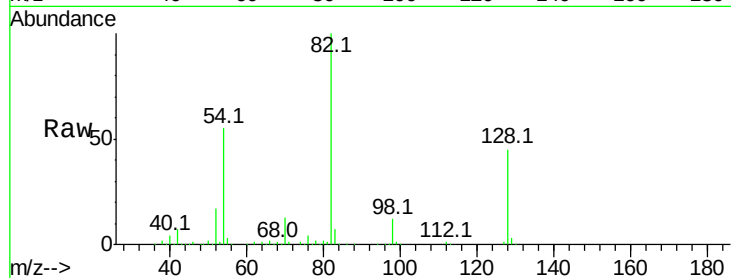




#23
 Nitrobenzene-d5
 Concen: 111.794 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

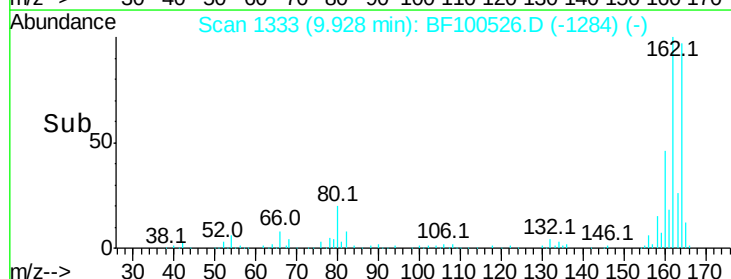
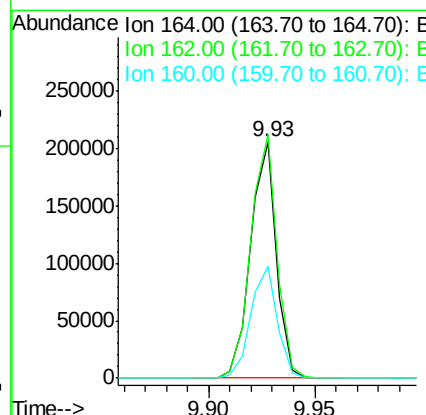
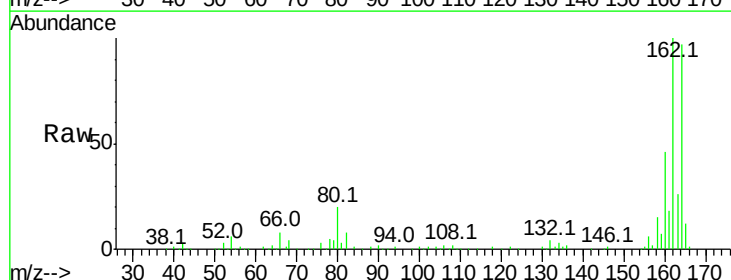
Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

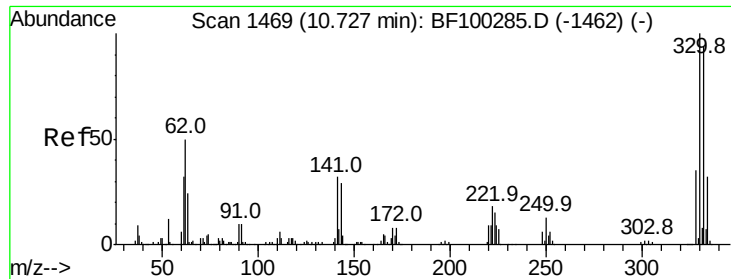
Tot Ion	82	Resp	736356
Ion Ratio	100	Lower	Upper
128	44.8	36.1	54.1
54	55.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

Tgt Ion	164	Resp	172972
Ion Ratio	100	Lower	Upper
162	103.1	86.1	129.1
160	47.3	38.3	57.5

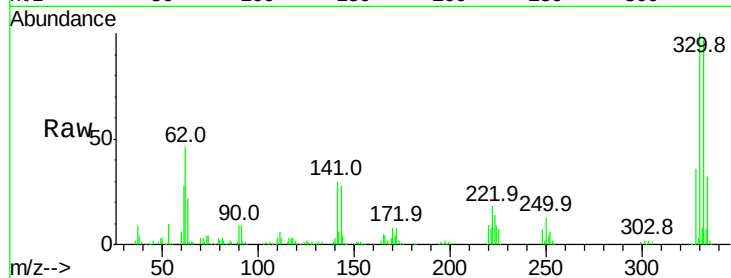




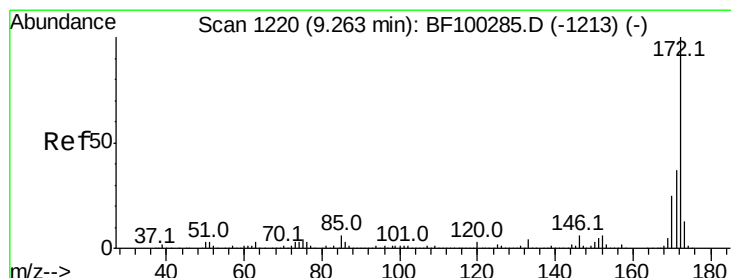
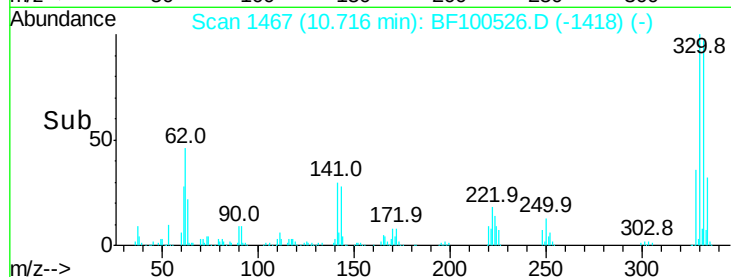
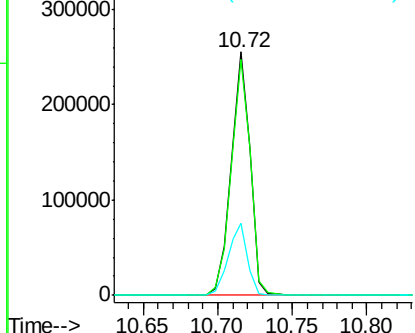
#41
 2,4,6-Tribromophenol
 Concen: 131.204 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.9	29.9	44.9

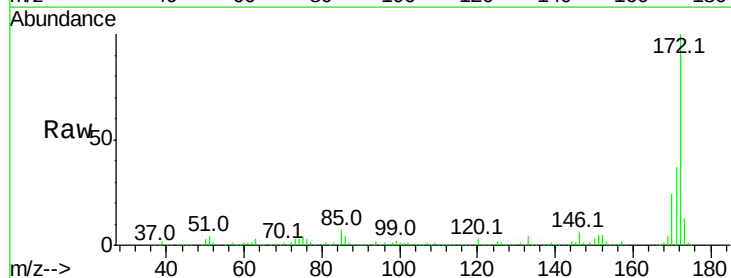


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

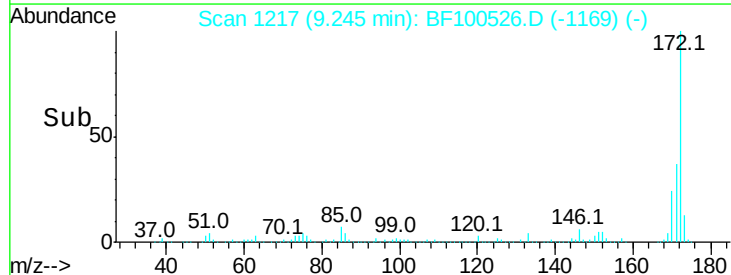
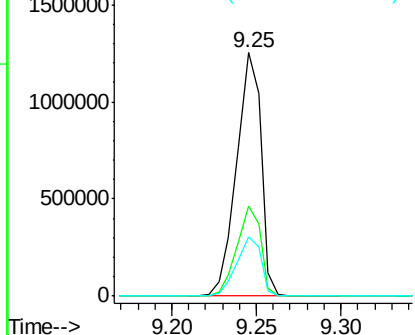


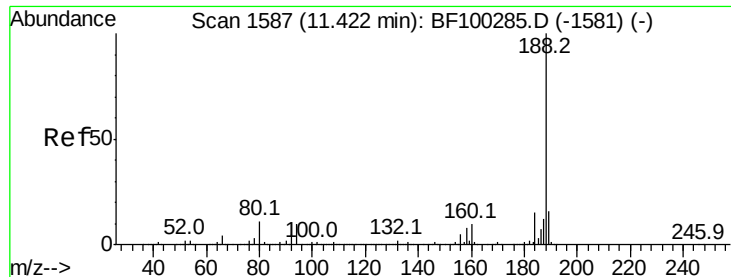
#44
 2-Fluorobiphenyl
 Concen: 111.268 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF100526.D
 Acq: 14 Nov 2017 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

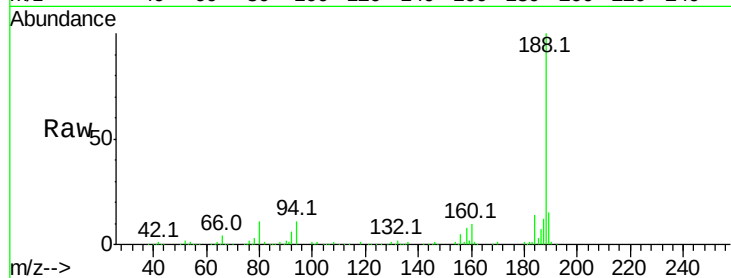
Tot Ion:188 Resp: 280765

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

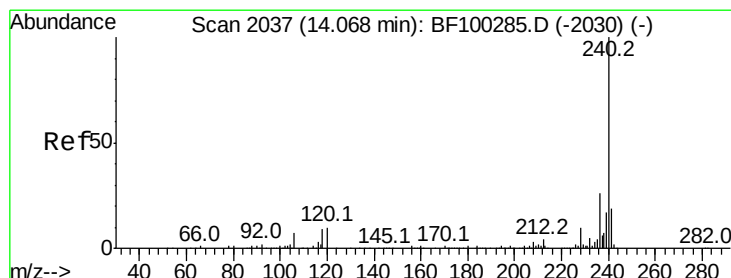
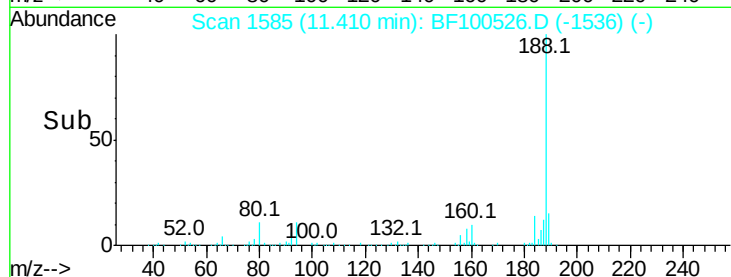
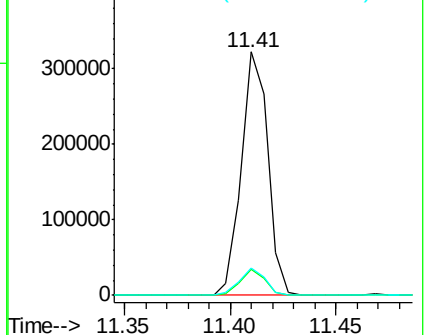
80 11.4 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

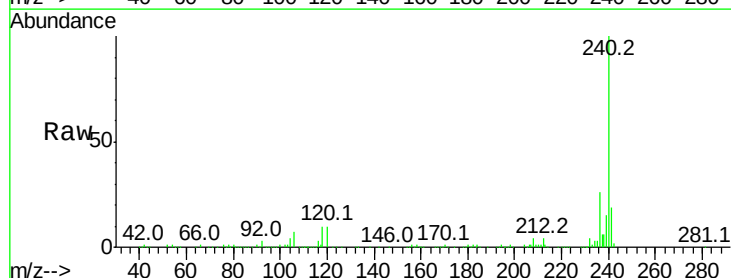
Tgt Ion:240 Resp: 262009

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

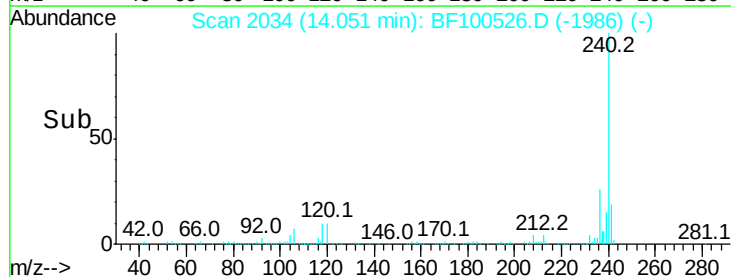
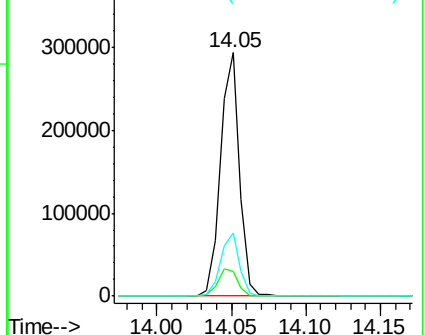
236 25.9 20.7 31.1

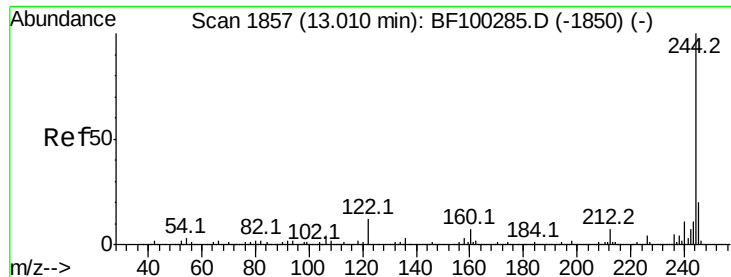


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.575 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

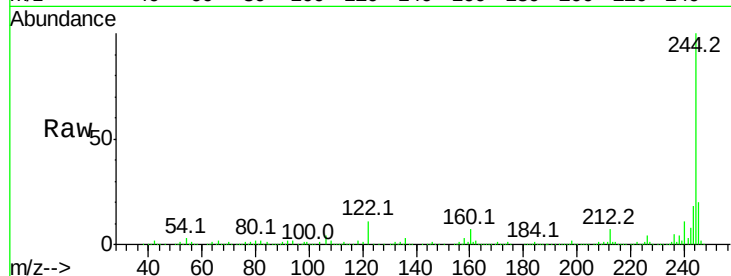
Tot Ion:244 Resp: 987223

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

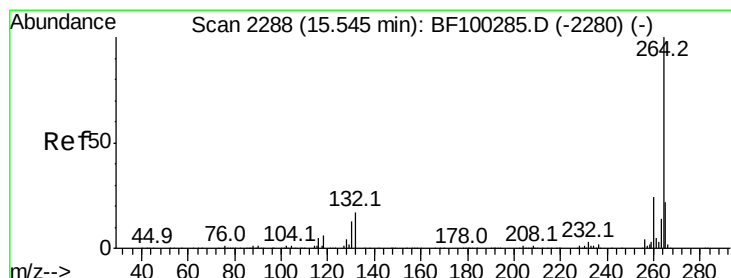
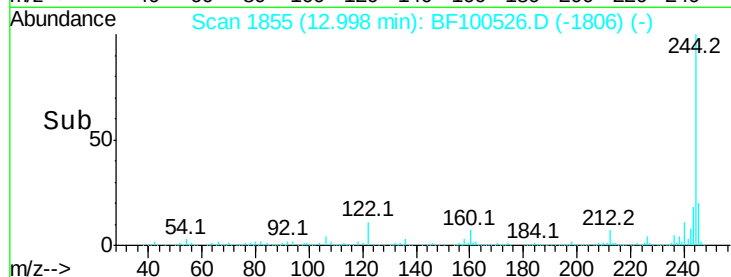
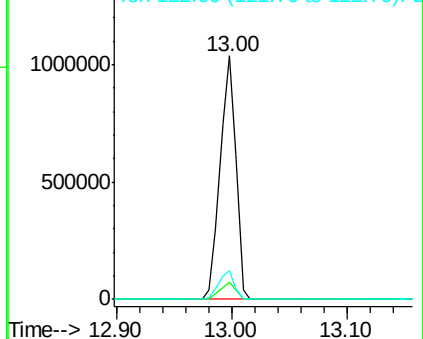
122 11.5 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BF100526.D

Acq: 14 Nov 2017 5:53

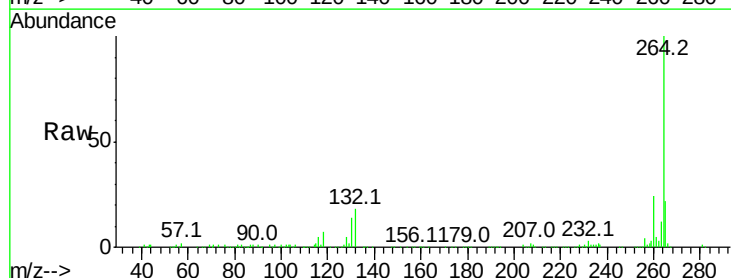
Tgt Ion:264 Resp: 203149

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 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

