

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100324.D
 Acq On : 9 Nov 2017 6:22
 Operator : SJ/JU
 Sample : I6379-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(2-8)

Quant Time: Nov 09 08:51:33 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

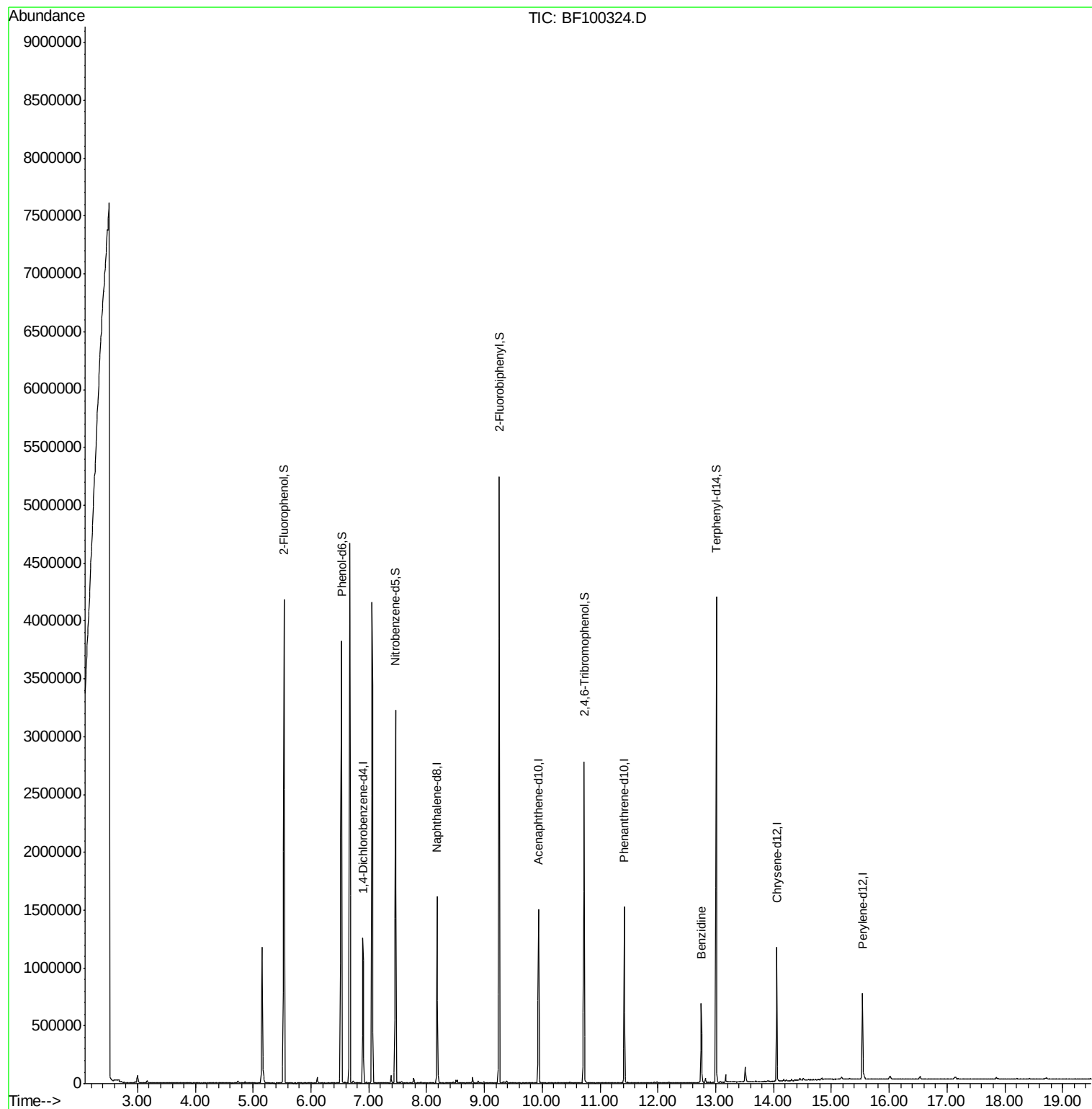
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176720	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	691941	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	303839	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	510872	20.00	ng	0.00
75) Chrysene-d12	14.06	240	367787	20.00	ng	-0.01
86) Perylene-d12	15.54	264	341923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1302026	118.10	ng	0.02
7) Phenol-d6	6.53	99	1397195	102.78	ng	0.00
23) Nitrobenzene-d5	7.46	82	1119439	106.96	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	377662	121.98	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1985772	99.52	ng	0.00
78) Terphenyl-d14	13.01	244	1423137	88.91	ng	0.00
Target Compounds						
76) Benzidine	12.75	184	227110	15.419	ng	Qvalue 99

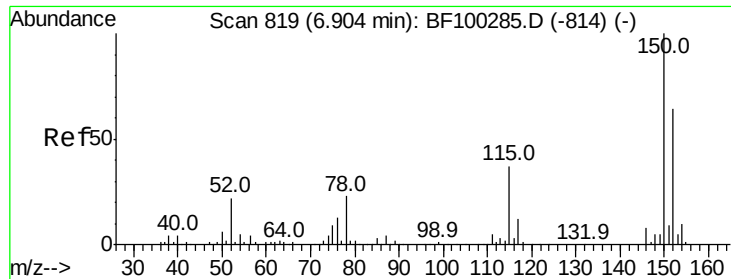
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100324.D
Acq On : 9 Nov 2017 6:22
Operator : SJ/JU
Sample : I6379-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Quant Time: Nov 09 08:51:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF100324.D

Acq: 9 Nov 2017 6:22

Instrument :

BNA_F

ClientSampleId :

TP-1-(2-8)

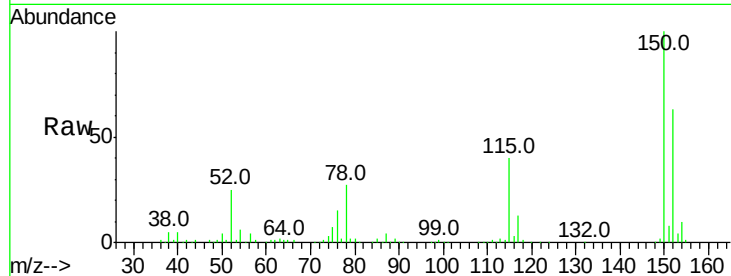
Tot Ion:152 Resp: 176720

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

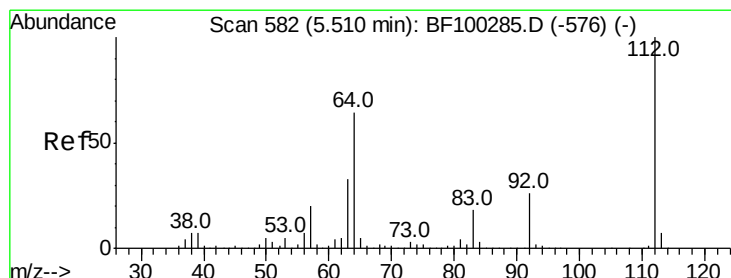
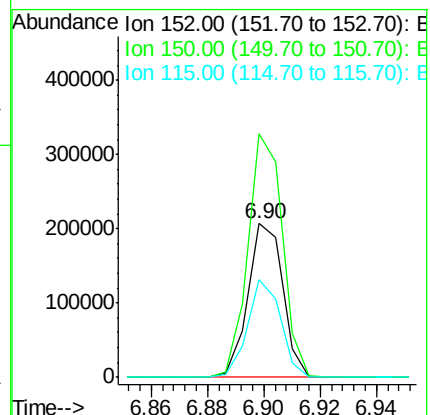
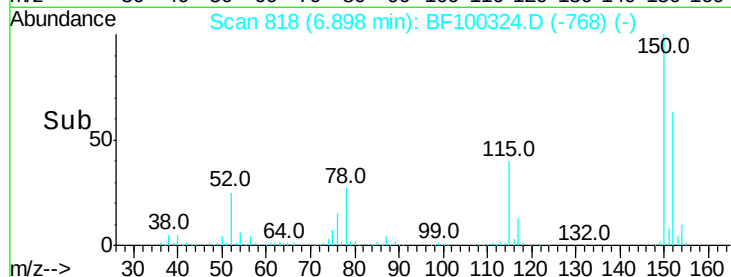
115 63.3 50.1 75.1



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: 118.104 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100324.D

Acq: 9 Nov 2017 6:22

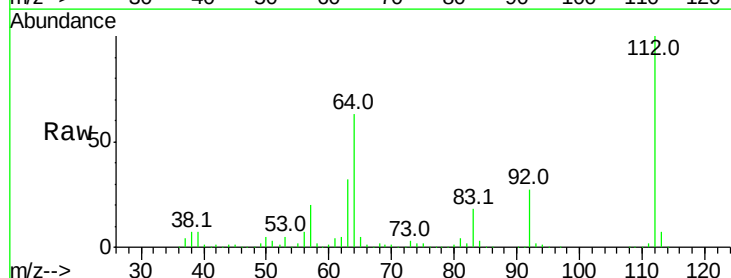
Tgt Ion:112 Resp: 1302026

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

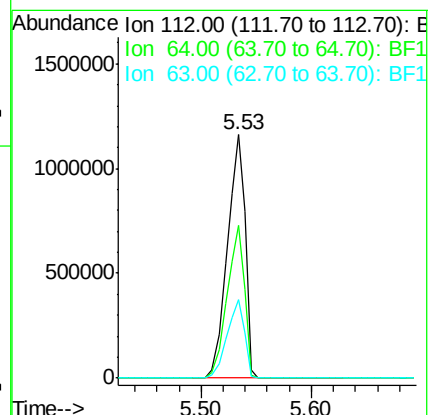
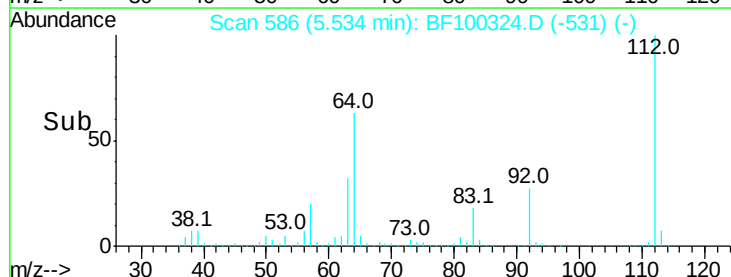
63 32.3 23.7 35.5

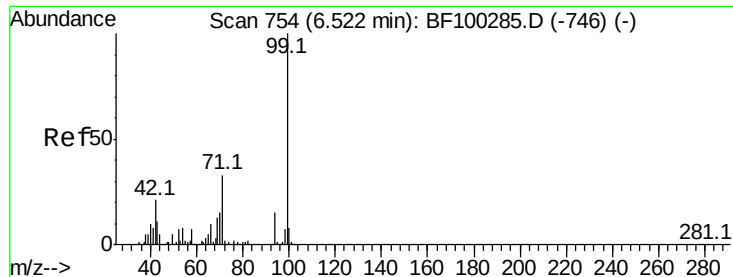


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.776 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100324.D

Acq: 9 Nov 2017 6:22

Instrument :

BNA_F

ClientSampleId :

TP-1-(2-8)

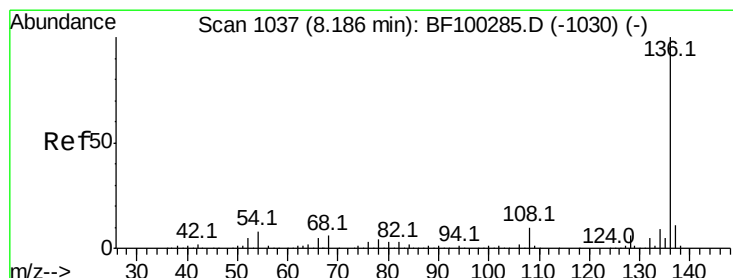
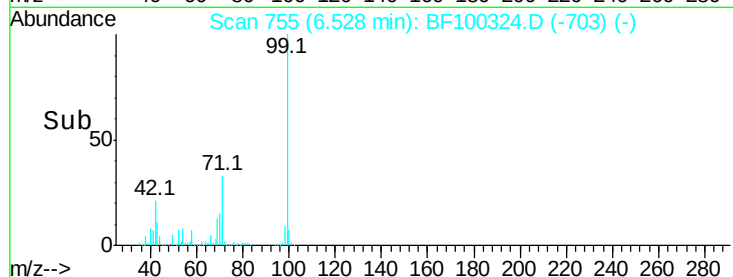
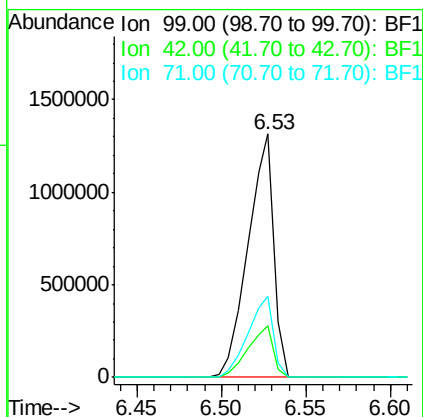
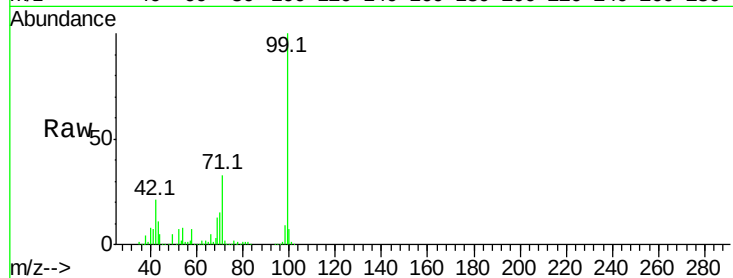
Tot Ion: 99 Resp: 1397195

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.3 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: BF100324.D

Acq: 9 Nov 2017 6:22

Tgt Ion: 136 Resp: 691941

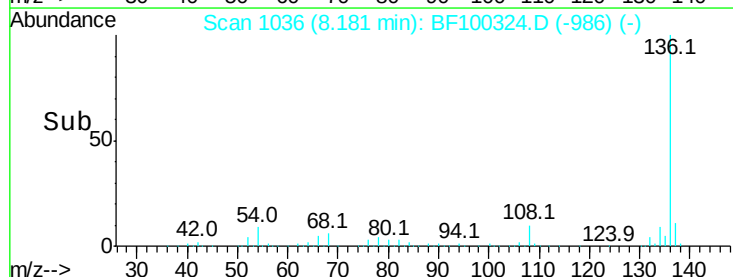
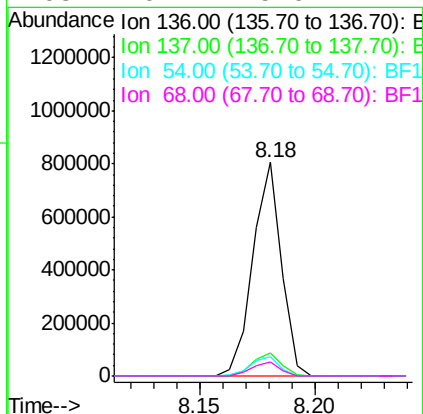
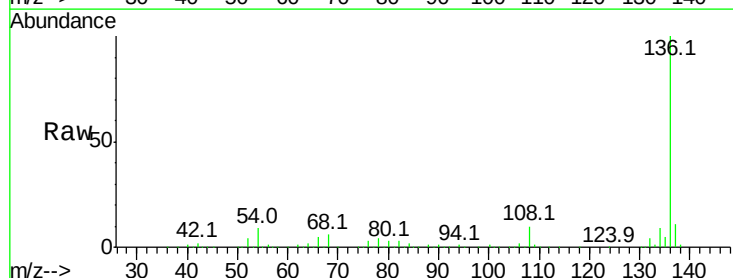
Ion Ratio Lower Upper

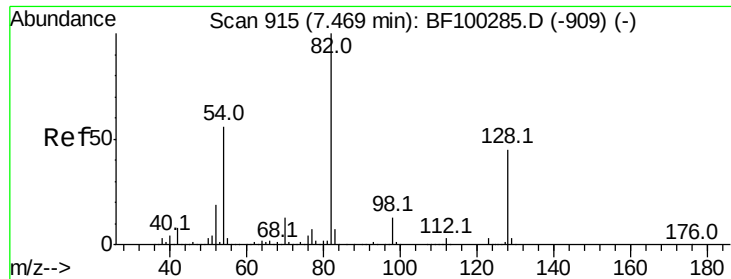
136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4



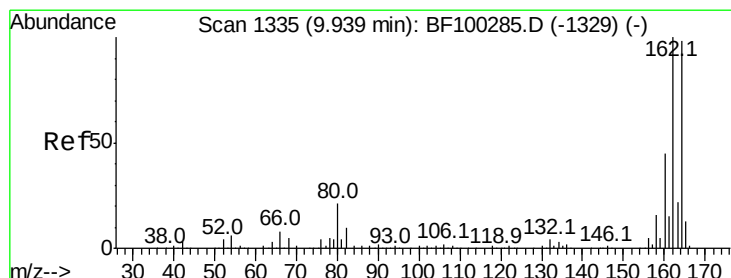
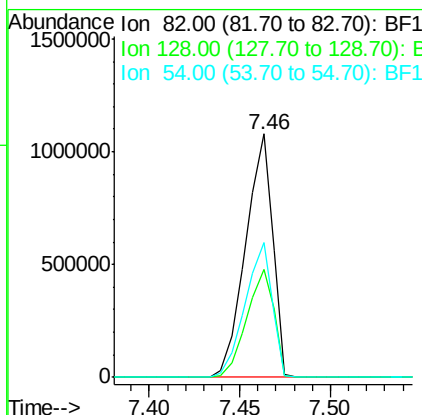
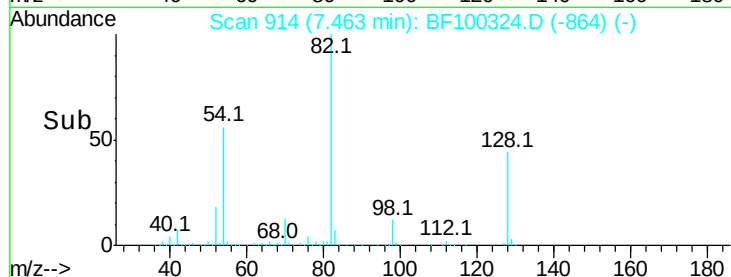
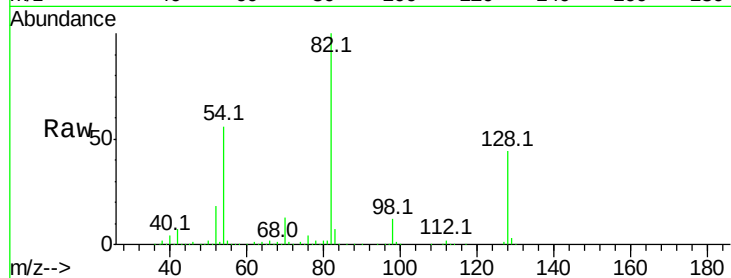


#23
 Nitrobenzene-d5
 Concen: 106.960 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100324.D
 Acq: 9 Nov 2017 6:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(2-8)

Tot Ion: 82 Resp: 1119439

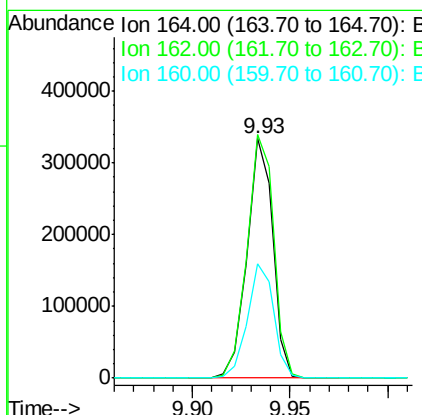
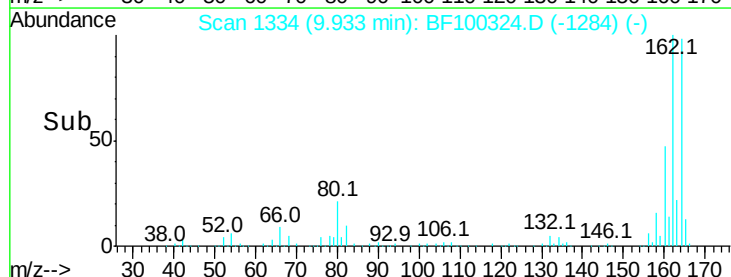
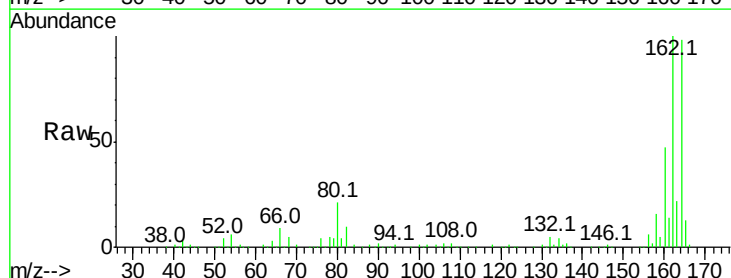
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.6	41.4	62.2

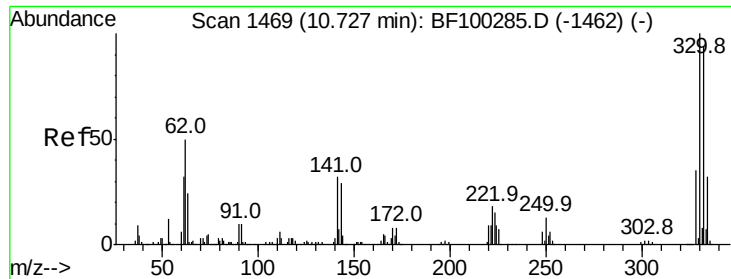


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100324.D
 Acq: 9 Nov 2017 6:22

Tgt Ion: 164 Resp: 303839

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	47.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 121.979 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF100324.D

Acq: 9 Nov 2017 6:22

Instrument :

BNA_F

ClientSampled :

TP-1-(2-8)

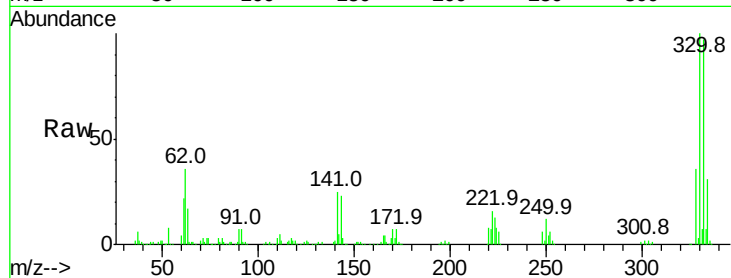
Tot Ion:330 Resp: 377662

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

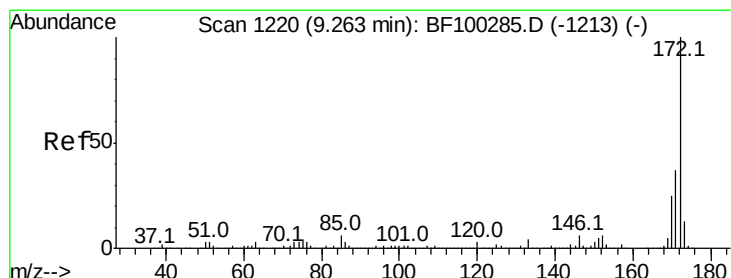
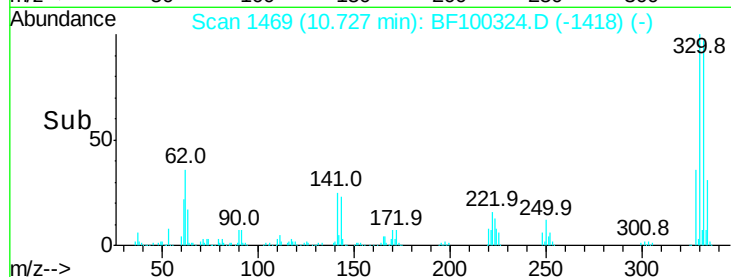
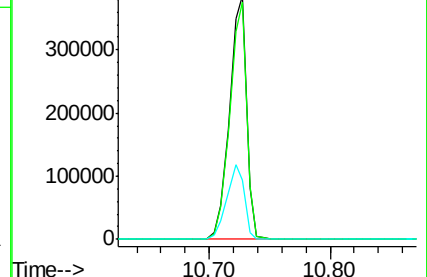
141 31.3 29.9 44.9



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: 99.518 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100324.D

Acq: 9 Nov 2017 6:22

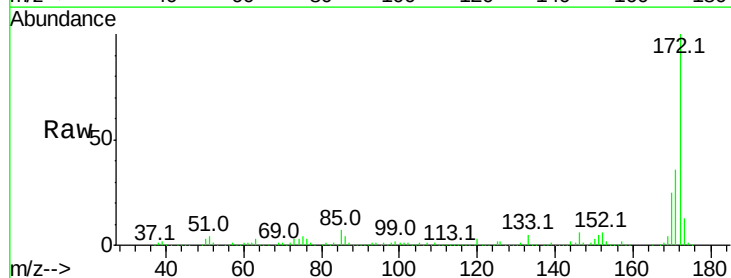
Tgt Ion:172 Resp: 1985772

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

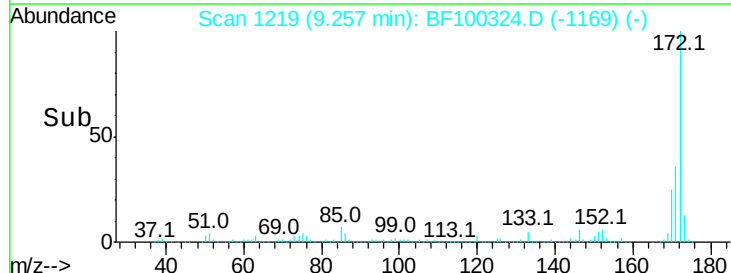
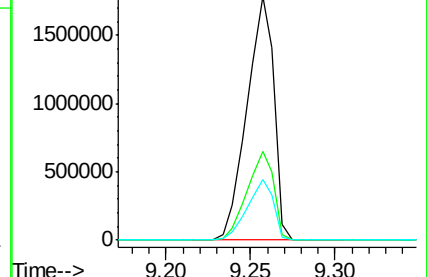
170 24.8 19.6 29.4

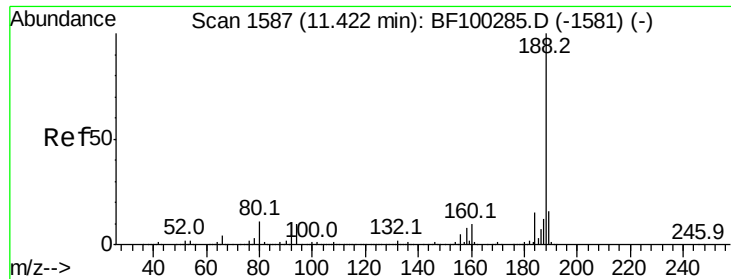


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

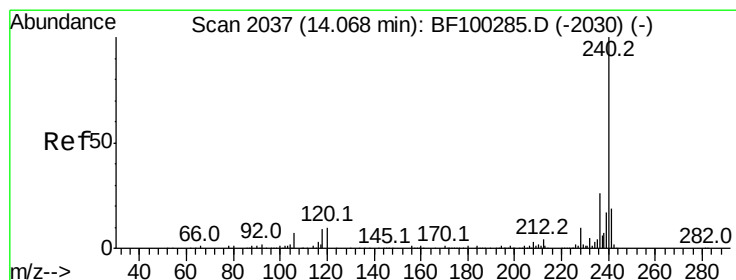
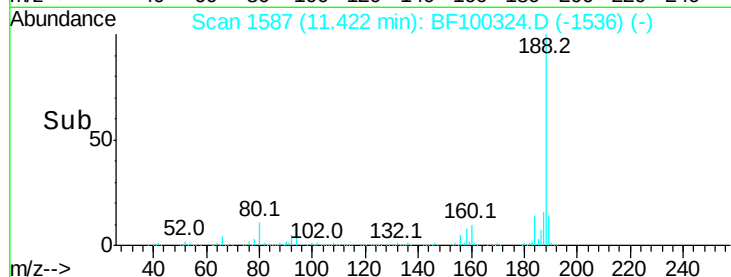
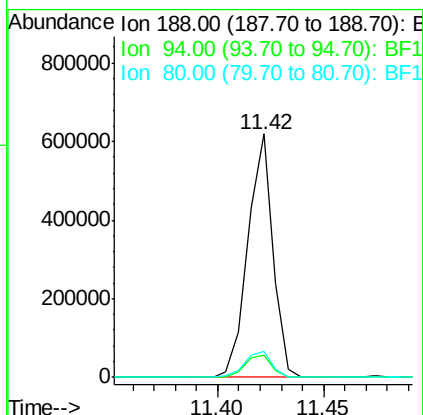
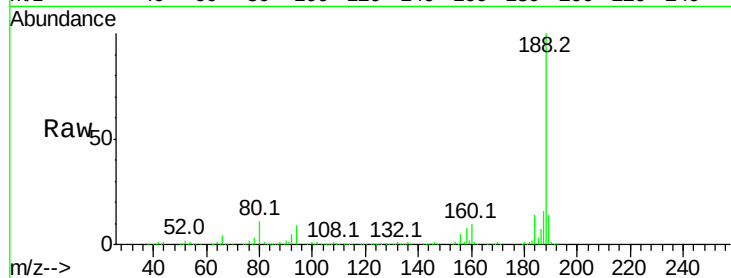




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100324.D
Acq: 9 Nov 2017 6:22

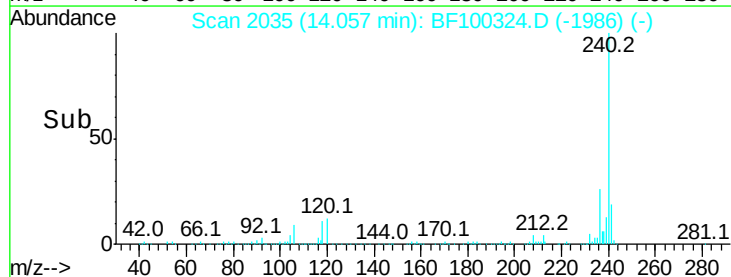
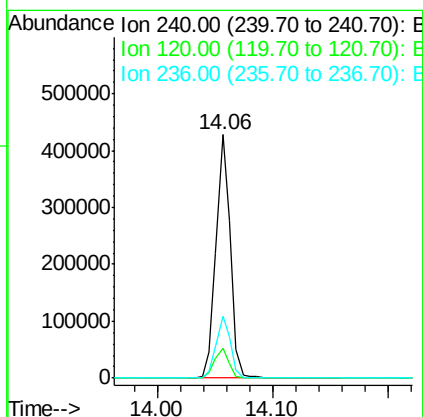
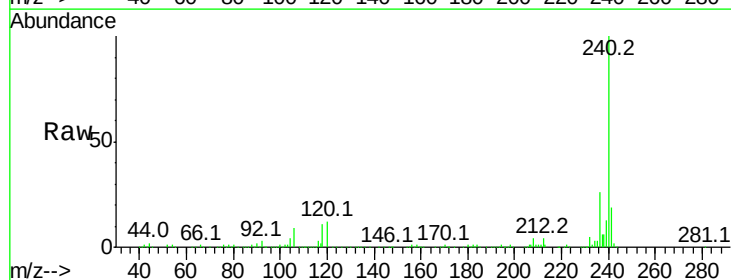
Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

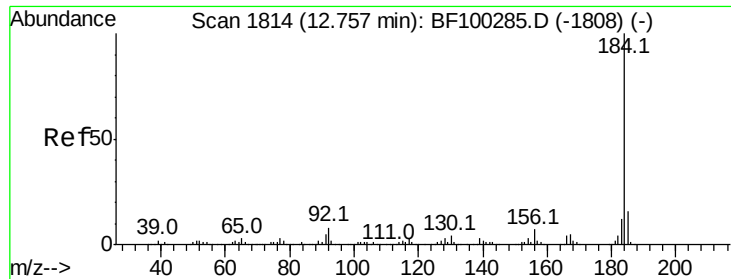
Tot Ion:188 Resp: 510872
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100324.D
Acq: 9 Nov 2017 6:22

Tgt Ion:240 Resp: 367787
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.7 20.7 31.1

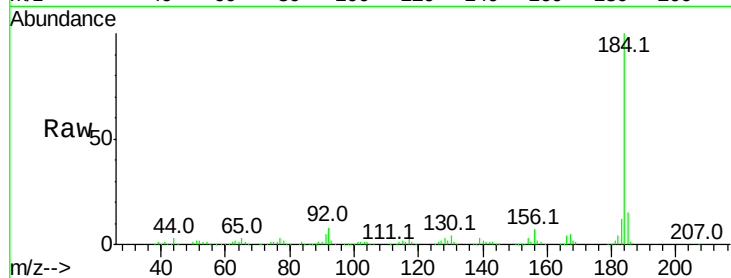




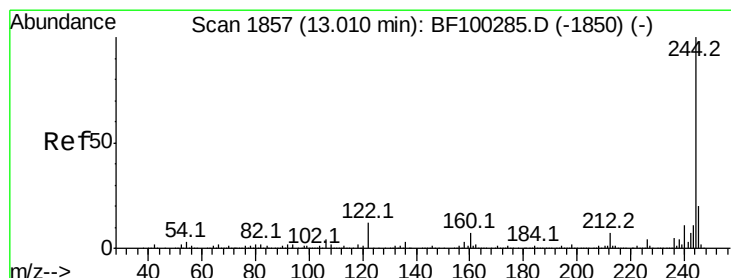
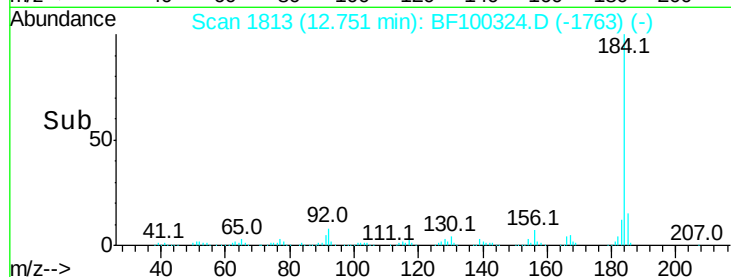
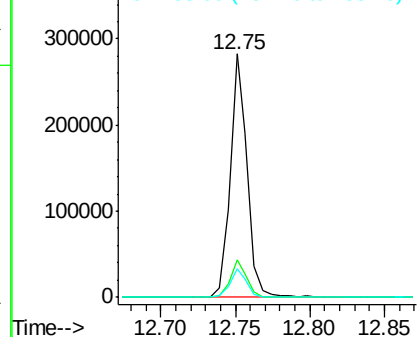
#76
Benzidine
Concen: 15.419 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100324.D
Acq: 9 Nov 2017 6:22

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion:184 Resp: 227110
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.9 9.3 13.9

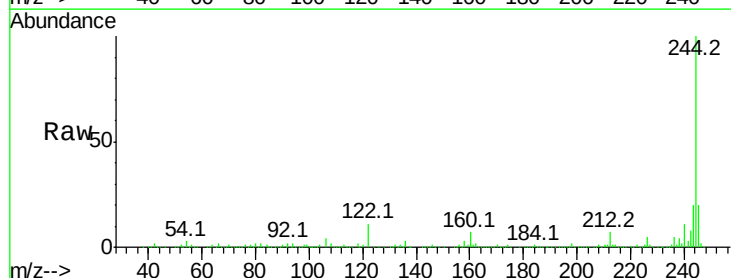


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

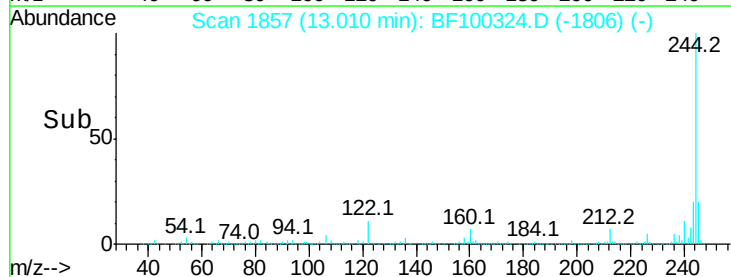
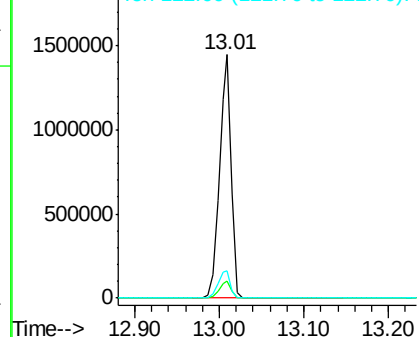


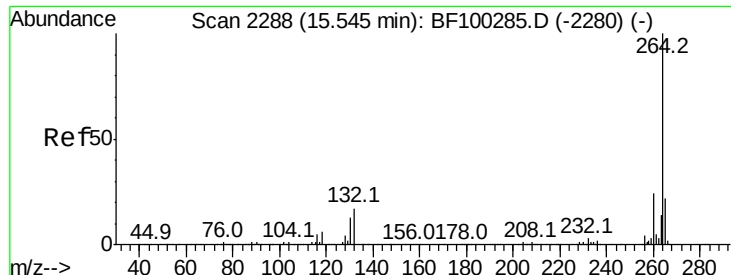
#78
Terphenyl-d14
Concen: 88.909 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100324.D
Acq: 9 Nov 2017 6:22

Tgt Ion:244 Resp: 1423137
Ion Ratio Lower Upper
244 100
212 7.1 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

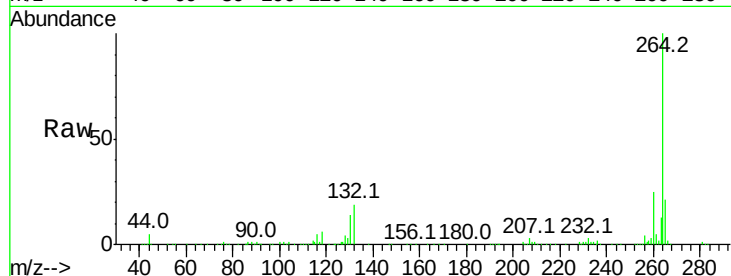




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100324.D
Acq: 9 Nov 2017 6:22

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion:	264	Resp:	341923
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	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

