

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100390.D
 Acq On : 10 Nov 2017 14:53
 Operator : SJ/JU
 Sample : I6382-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Nov 10 16:12:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

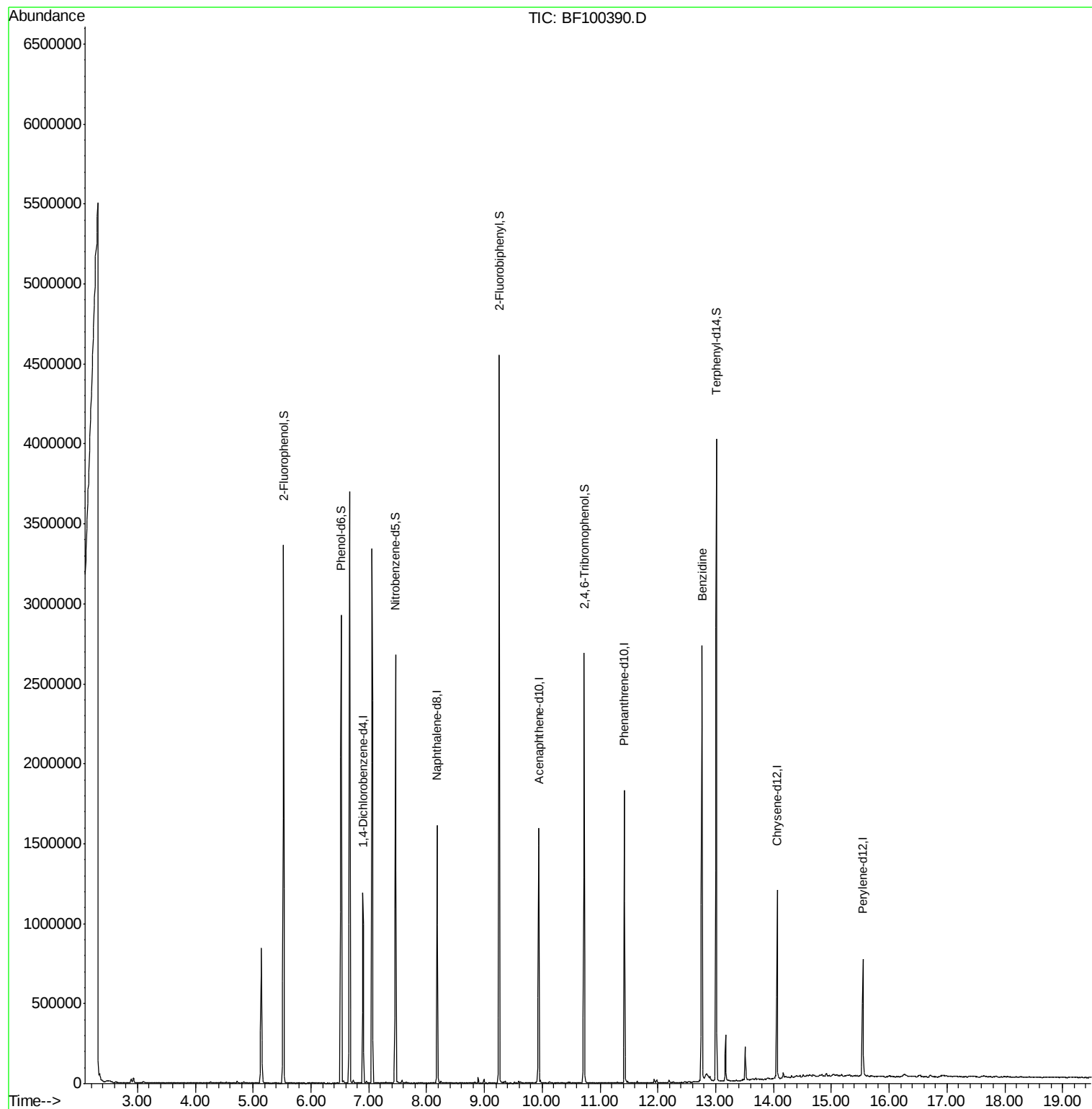
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168766	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	688483	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	322775	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	615676	20.00	ng	0.00
75) Chrysene-d12	14.06	240	428613	20.00	ng	0.00
86) Perylene-d12	15.54	264	373732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	993216	94.34	ng	0.01
7) Phenol-d6	6.52	99	1076129	82.89	ng	0.00
23) Nitrobenzene-d5	7.46	82	906483	87.05	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	360055	109.47	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1613195	76.10	ng	0.00
78) Terphenyl-d14	13.01	244	1489729	79.86	ng	0.00
Target Compounds						
76) Benzidine	12.76	184	1090137	63.509	ng	Qvalue 97

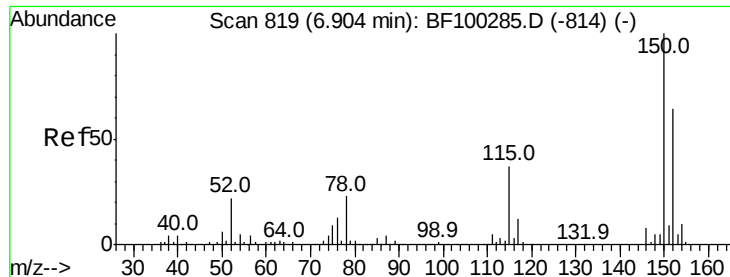
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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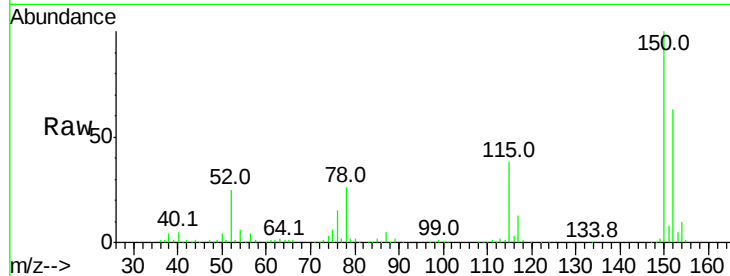


#1

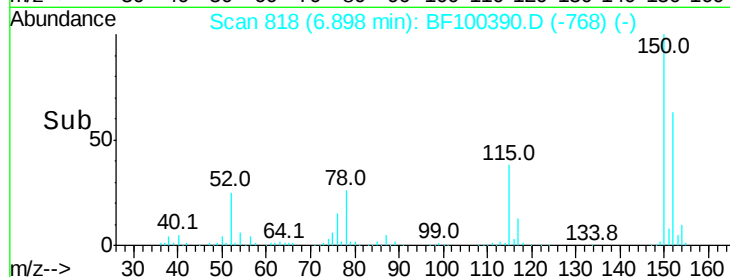
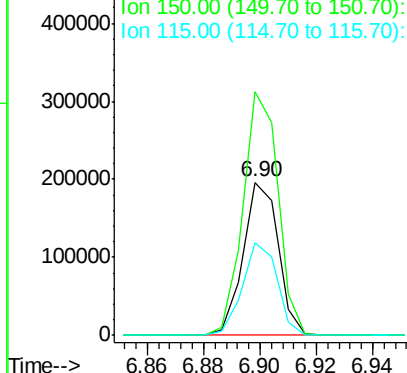
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:152 Resp: 168766
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.0 50.1 75.1



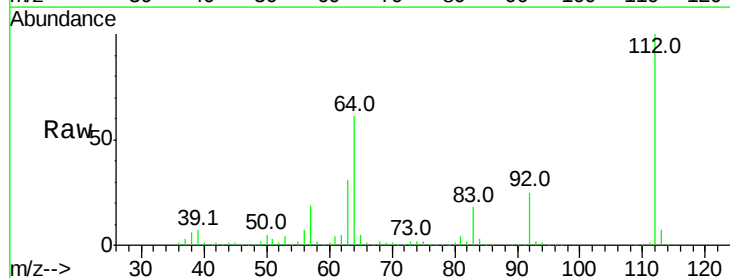
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



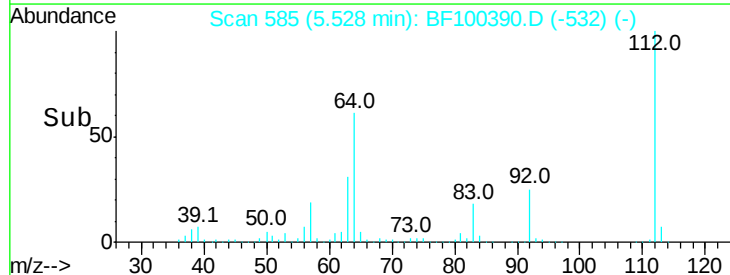
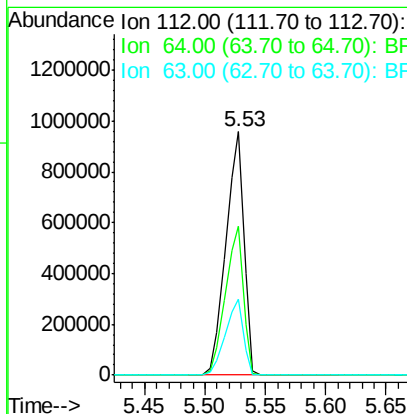
#5

2-Fluorophenol
Concen: 94.338 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Tgt Ion:112 Resp: 993216
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.2 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: 82.890 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampleId :

TP-3

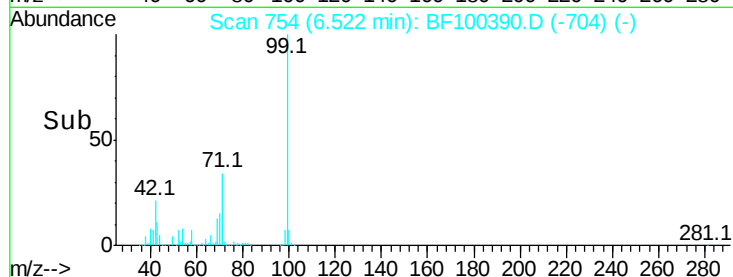
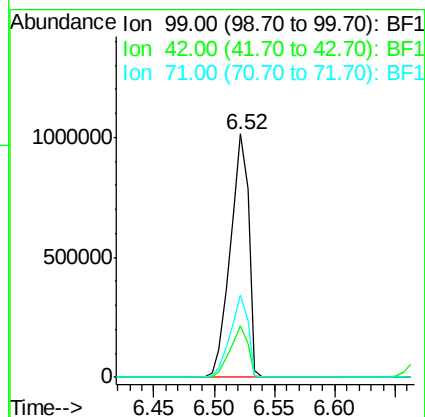
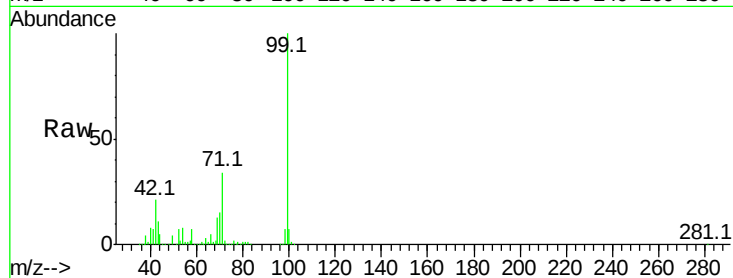
Tot Ion: 99 Resp: 1076129

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.6 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: BF100390.D

Acq: 10 Nov 2017 14:53

Tgt Ion: 136 Resp: 688483

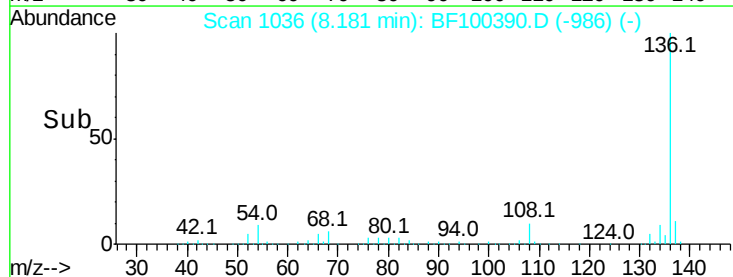
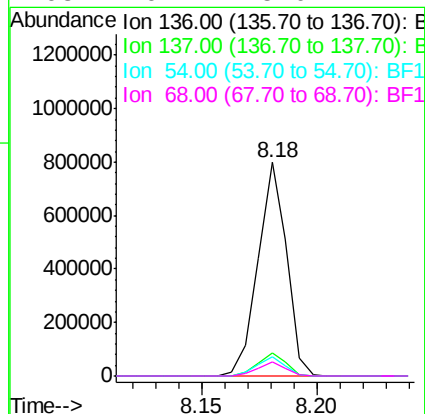
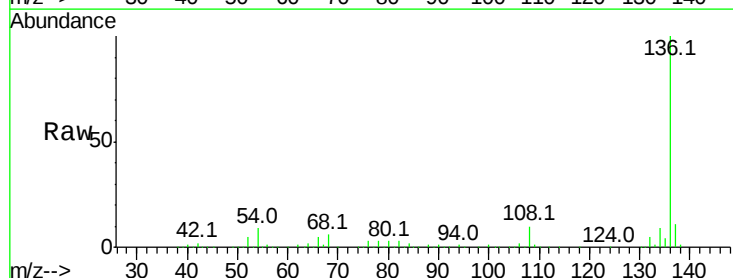
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

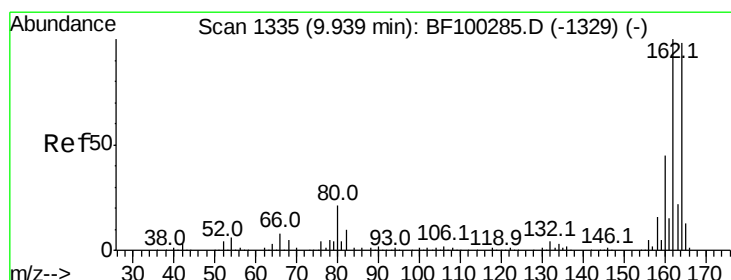
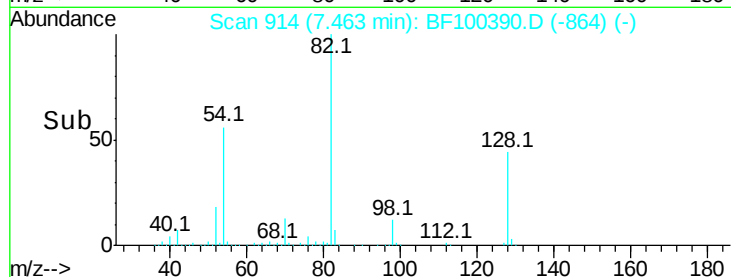
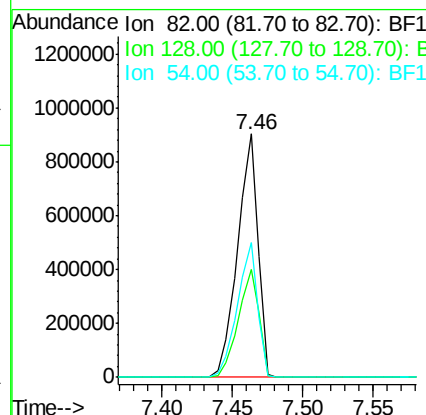
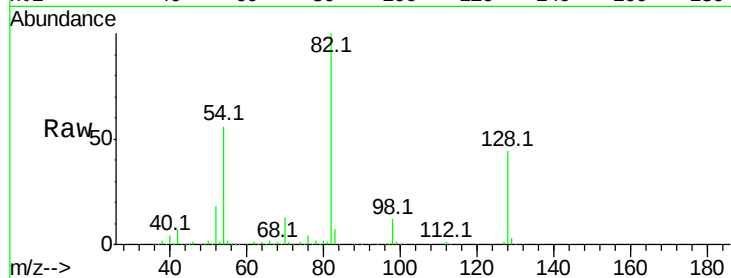




#23
Nitrobenzene-d5
Concen: 87.047 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

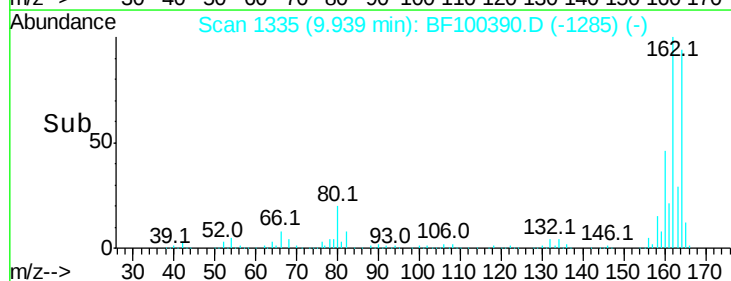
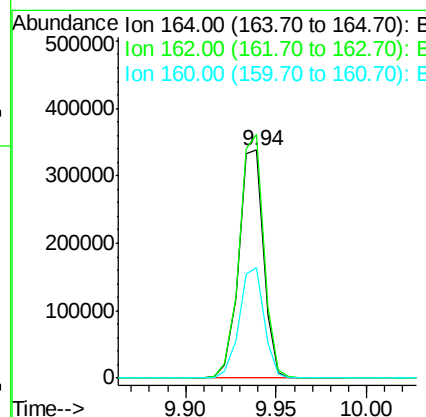
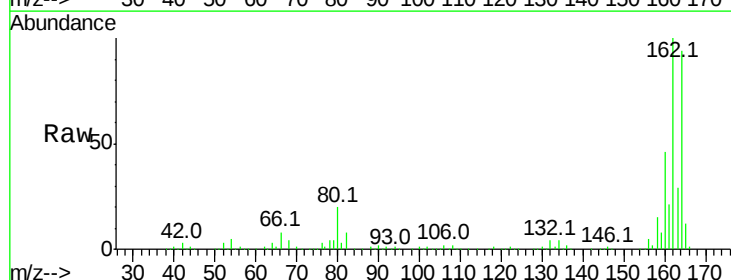
Instrument :
BNA_F
ClientSampleId :
TP-3

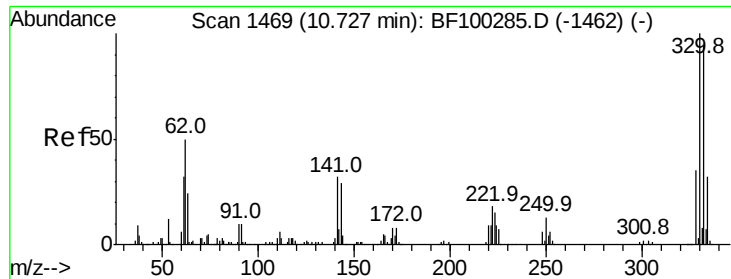
Tot Ion: 82 Resp: 906483
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 55.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Tgt Ion: 164 Resp: 322775
Ion Ratio Lower Upper
164 100
162 106.8 86.1 129.1
160 48.7 38.3 57.5

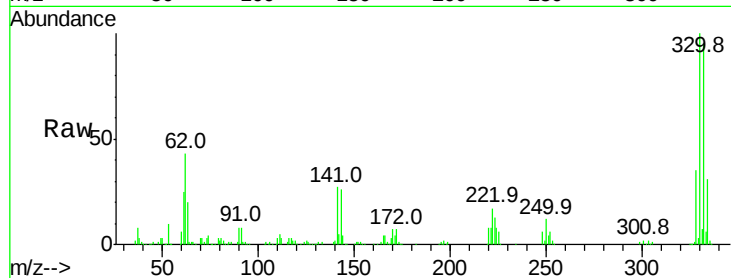




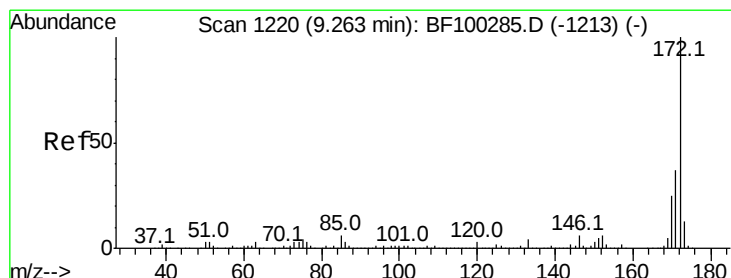
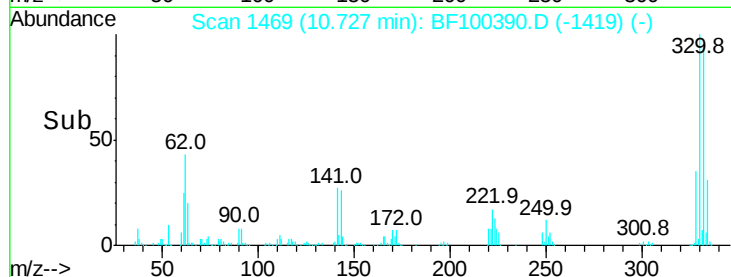
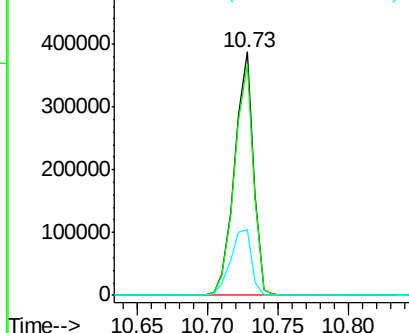
#41
 2,4,6-Tribromophenol
 Concen: 109.470 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.1	29.9	44.9

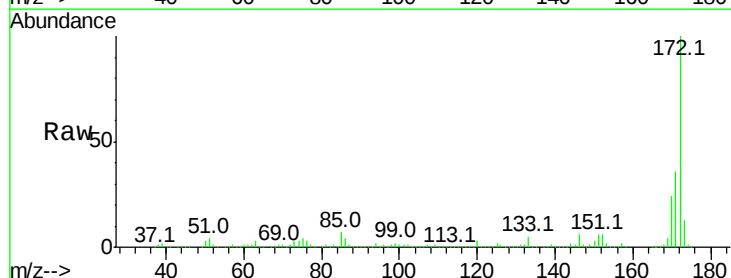


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

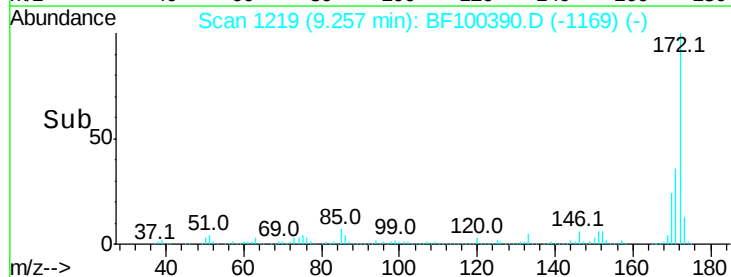
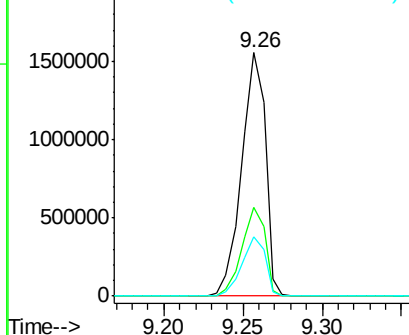


#44
 2-Fluorobiphenyl
 Concen: 76.104 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

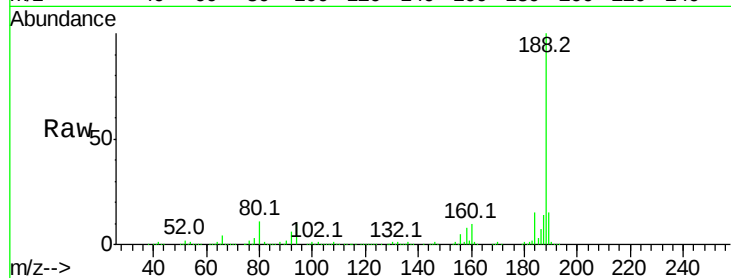




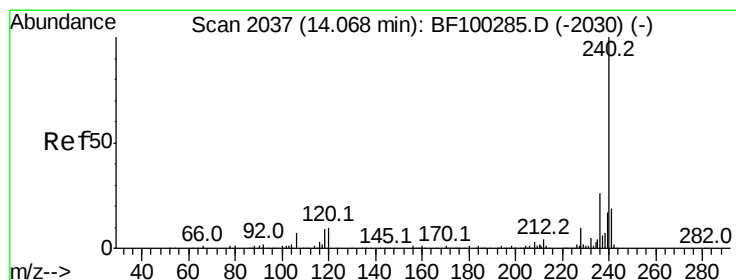
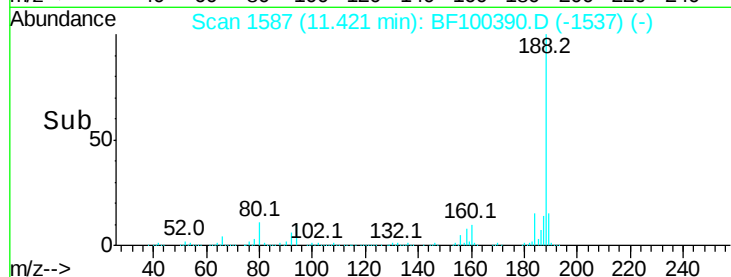
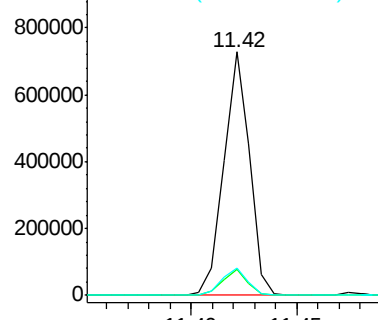
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:188 Resp: 615676
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8

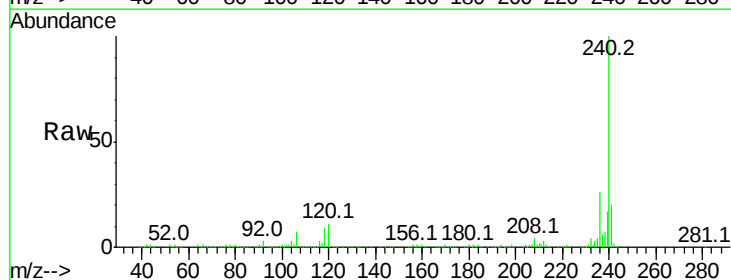


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

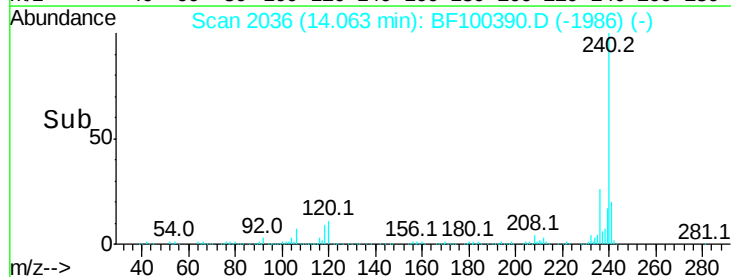
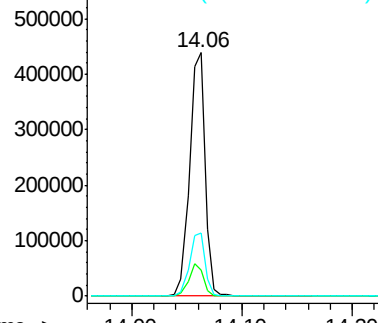


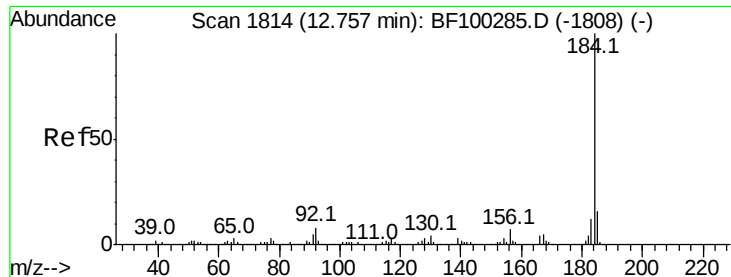
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100390.D
Acq: 10 Nov 2017 14:53

Tgt Ion:240 Resp: 428613
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.8 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





#76

Benzidine

Concen: 63.509 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

Instrument :

BNA_F

ClientSampleId :

TP-3

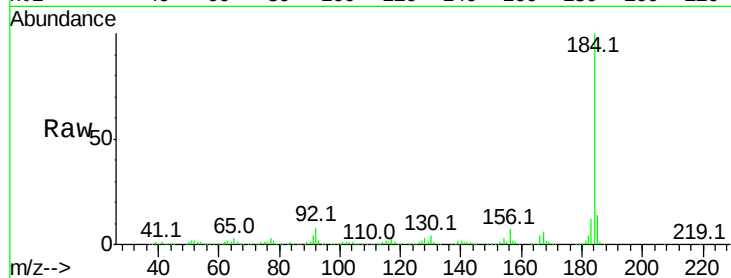
Tot Ion:184 Resp: 1090137

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

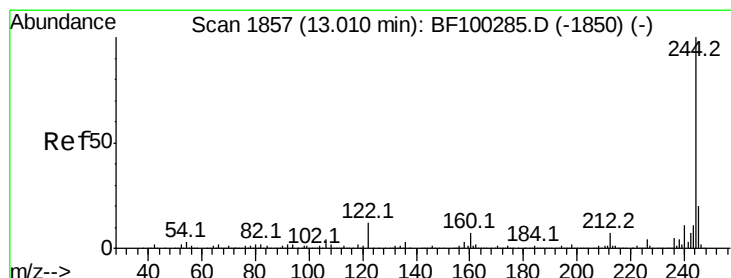
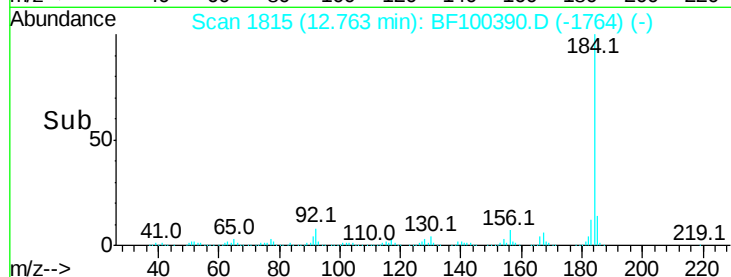
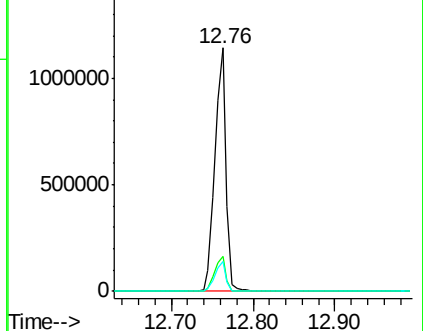
183 12.1 9.3 13.9



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: 79.861 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100390.D

Acq: 10 Nov 2017 14:53

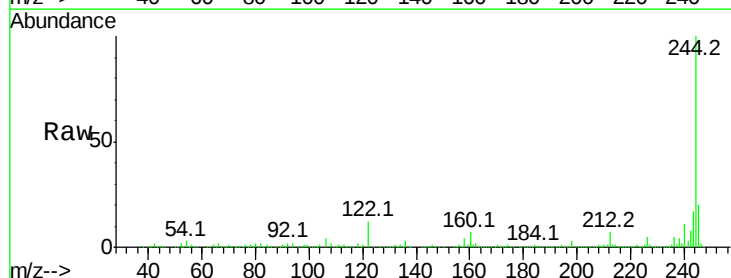
Tgt Ion:244 Resp: 1489729

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

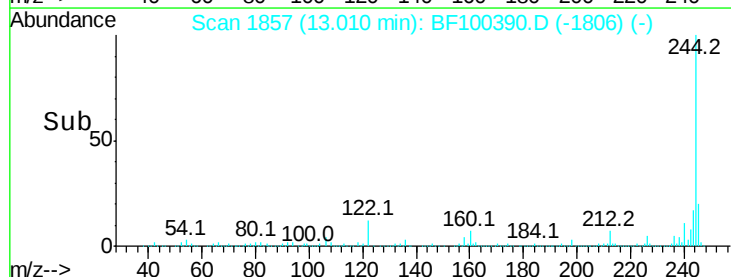
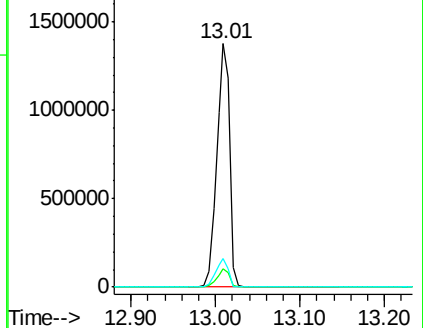
122 11.6 11.0 16.4

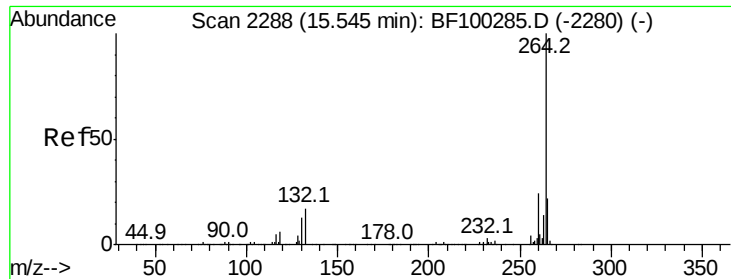


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

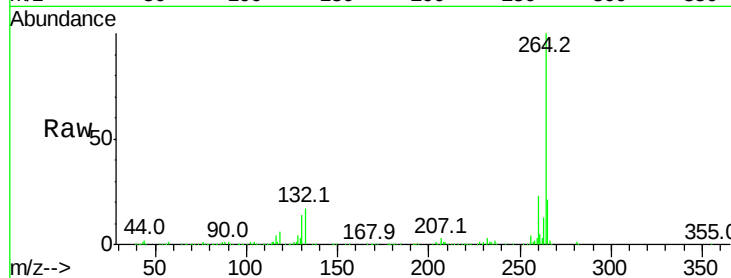




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100390.D
 Acq: 10 Nov 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:264 Resp: 373732
 Ion Ratio Lower Upper
 264 100
 260 23.1 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

