

Data Path : Z:\HPCHEM1\BNA F\Data\BF110917\
 Data File : BF100378.D
 Acq On : 10 Nov 2017 9:13
 Operator : SJ/JU
 Sample : SP4152 - 1,2 DPH
 Misc : 1,2-Diphenylhydrazine study - 60 ppm
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP4152 - 1,2 DPH

Quant Time: Nov 10 12:23:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.898	152	154825	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	599691	20.00	ng	0.00
38) Acenaphthene-d10	9.939	164	260779	20.00	ng	0.00
63) Phenanthrene-d10	11.421	188	420639	20.00	ng	0.00
75) Chrysene-d12	14.057	240	297098	20.00	ng	-0.01
86) Perylene-d12	15.539	264	297967	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.000	112	0	0.00	ng
7) Phenol-d6	0.000	99	0	0.00	ng
23) Nitrobenzene-d5	0.000	82	0	0.00	ng
41) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.000	172	0	0.00	ng
78) Terphenyl-d14	0.000	244	0d	0.00	ng

Target Compounds

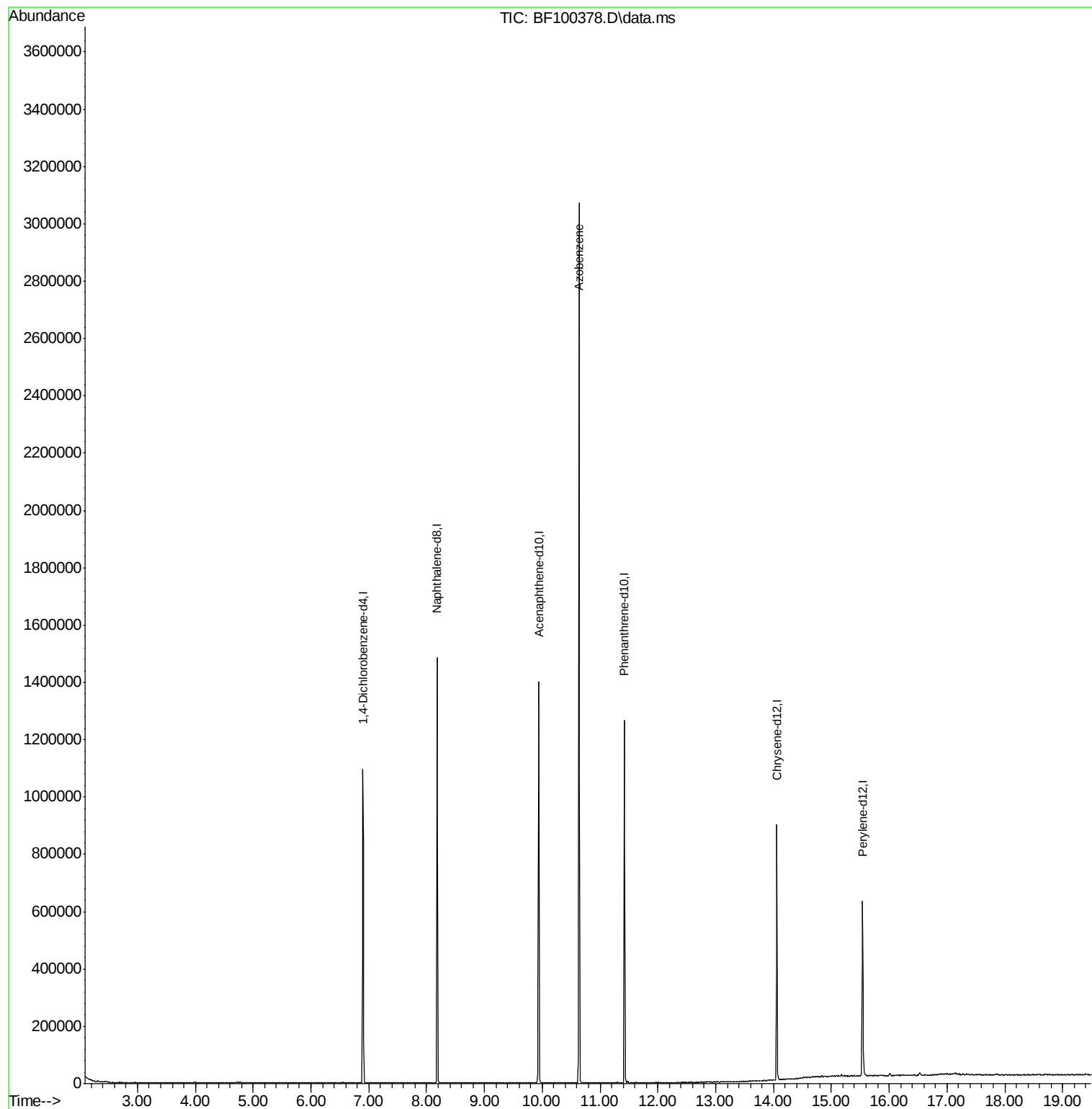
						Qvalue
62) Azobenzene	10.639	77	1013448	54.00	ng	94

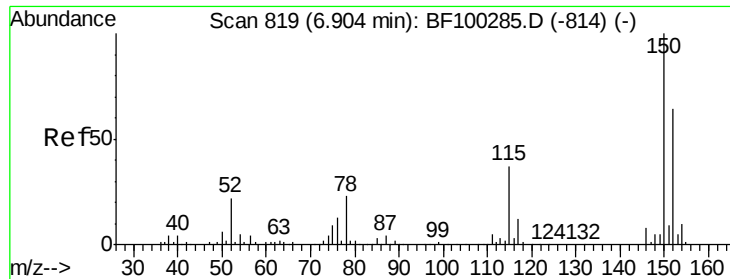
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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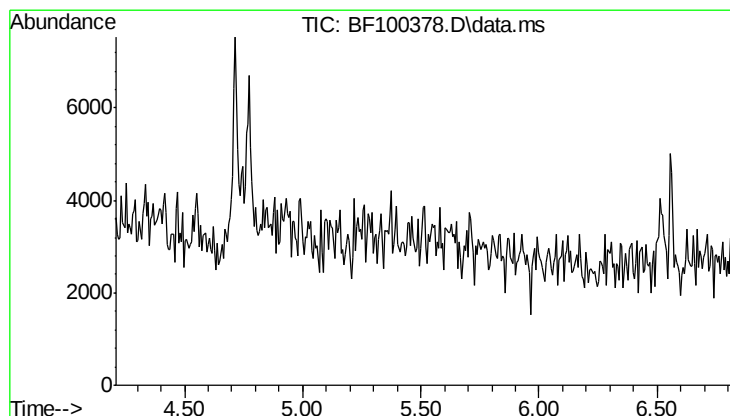
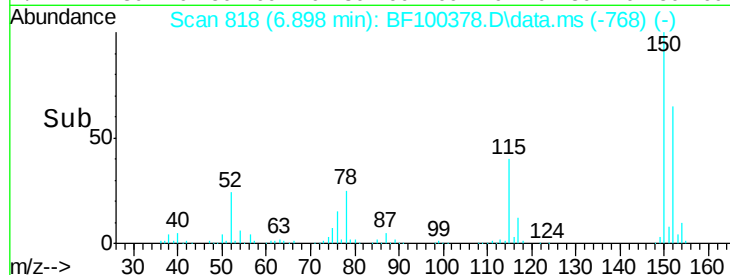
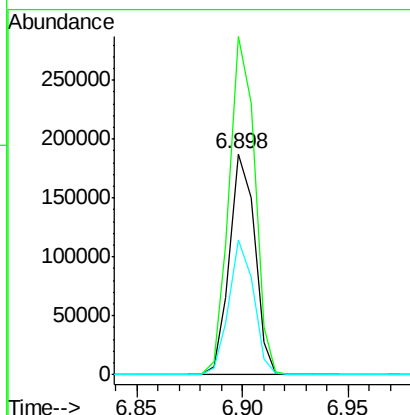
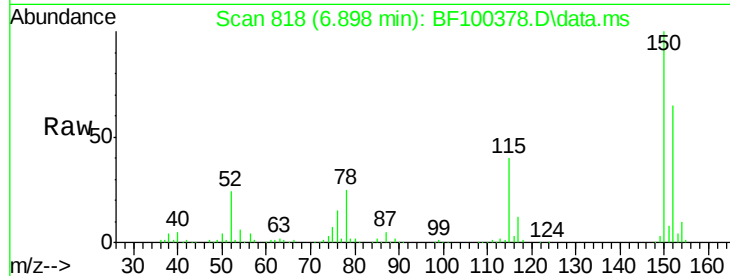




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SP4152 - 1,2 DPH

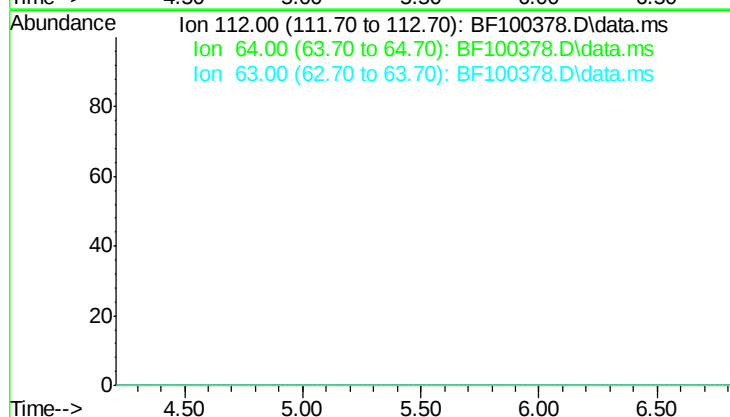
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	61.0	50.1	75.1

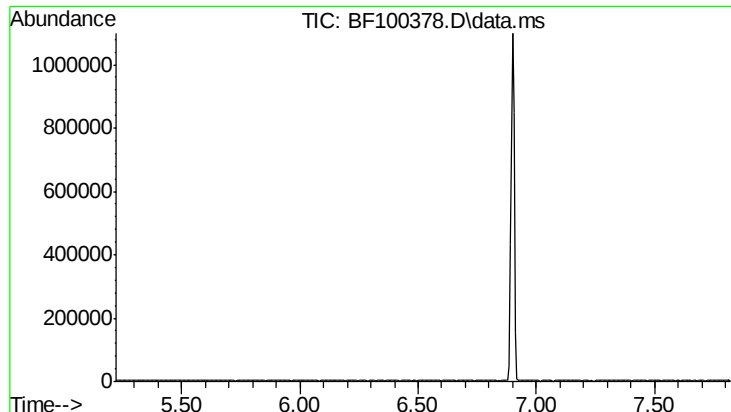


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.51 min

Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Tgt Ion	Sig	Exp Ratio
112	100	
64	59.9	
63	29.6	





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.52 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

SP4152 - 1,2 DPH

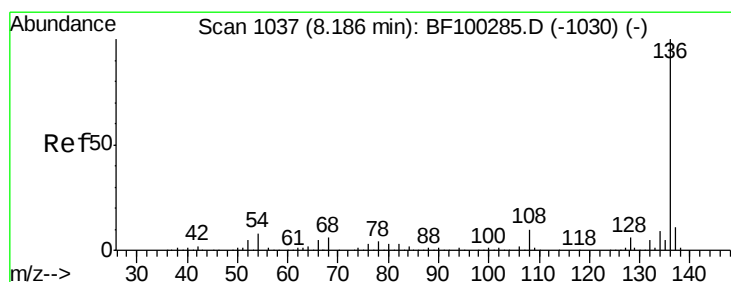
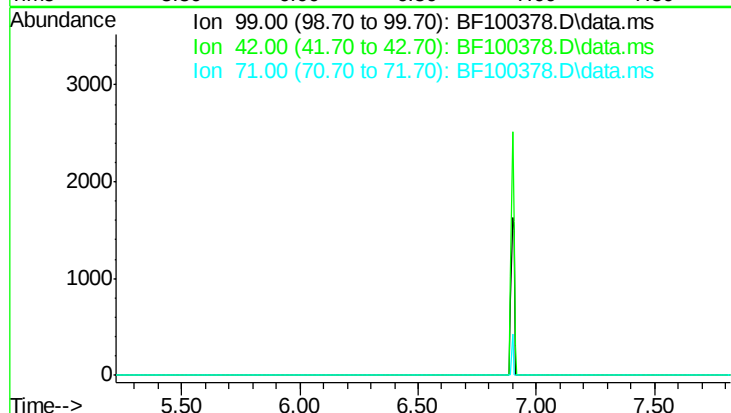
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Tgt Ion:136 Resp: 599691

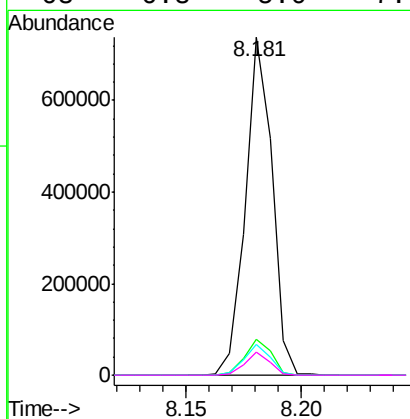
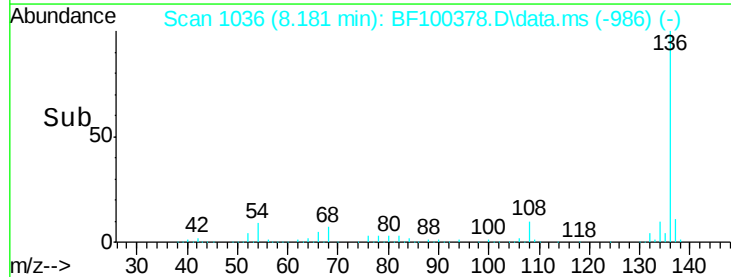
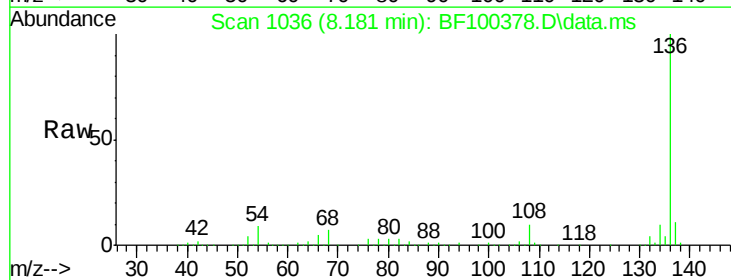
Ion Ratio Lower Upper

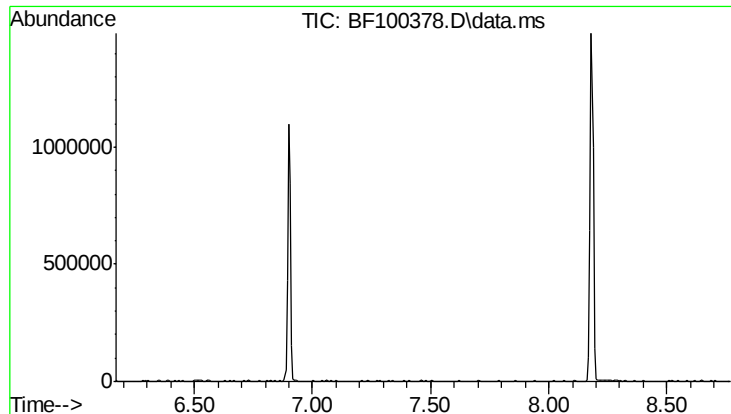
136 100

137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 6.8 5.0 7.4

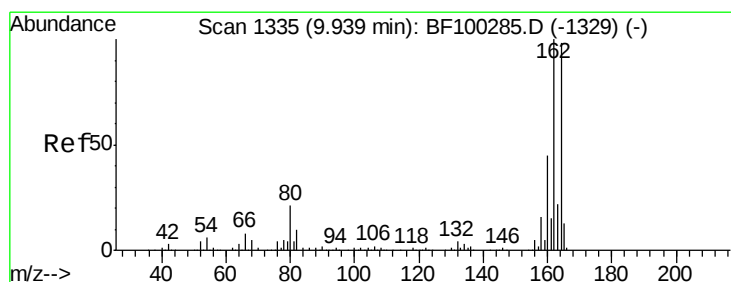
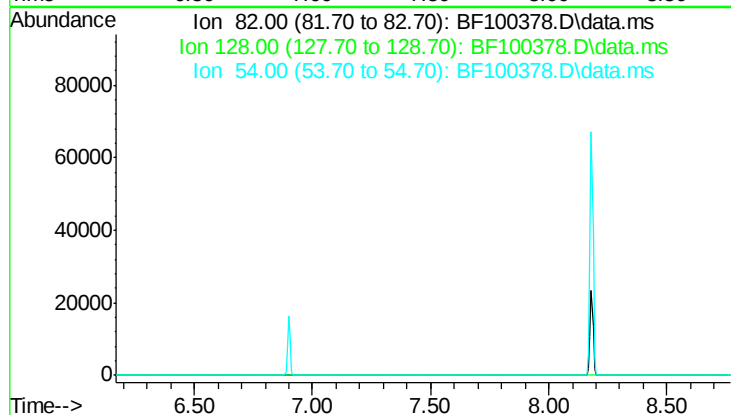




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.47 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

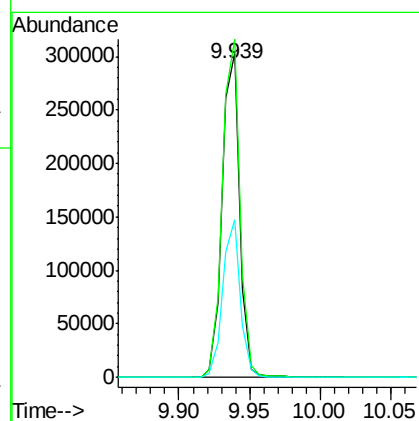
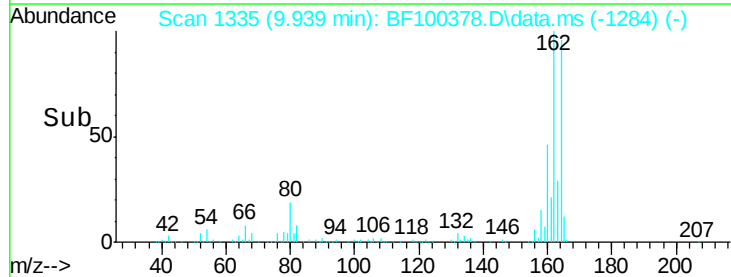
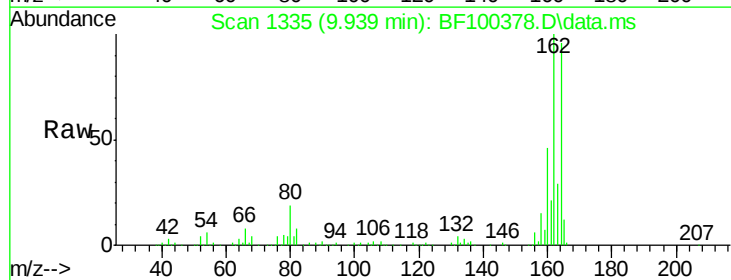
Instrument :
 BNA_F
 ClientSampleId :
 SP4152 - 1,2 DPH

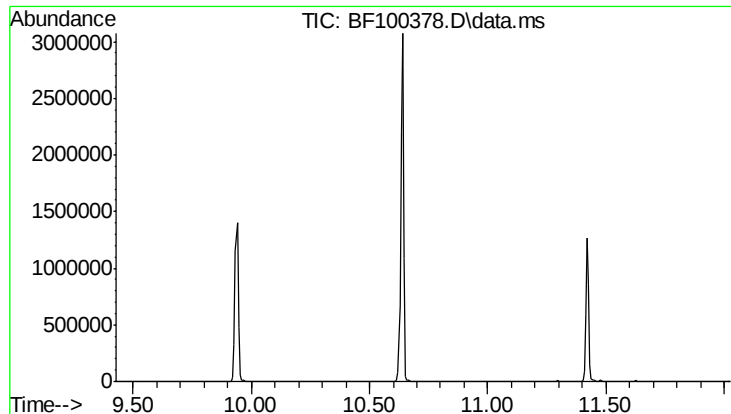
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.939 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Tgt Ion:164 Resp: 260779
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 48.4 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.73 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

SP4152 - 1,2 DPH

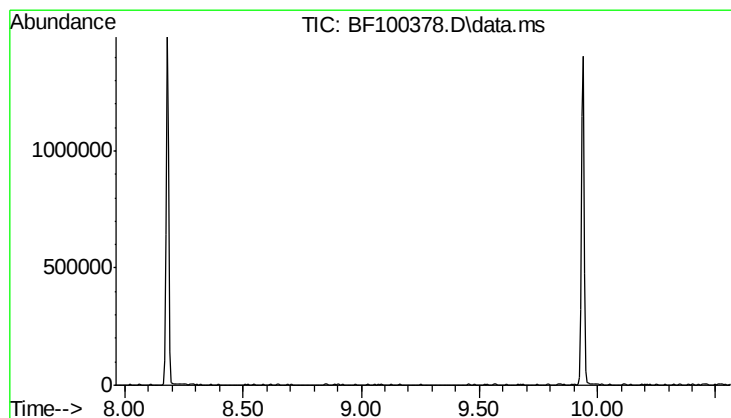
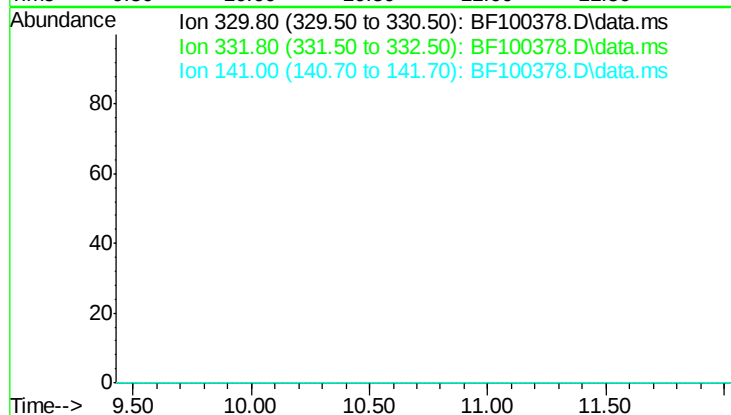
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 37.4



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.26 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

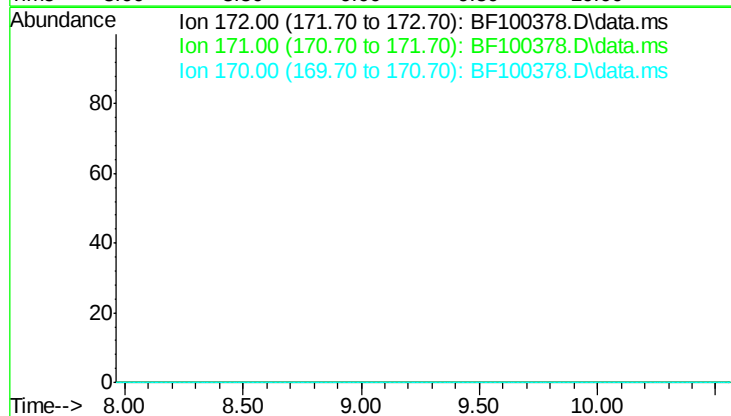
Tgt Ion: 172

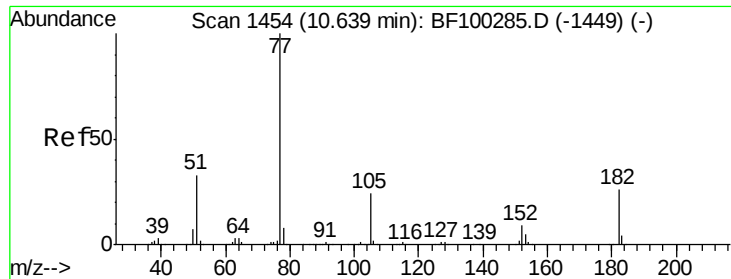
Sig Exp Ratio

172 100

171 37.1

170 24.5





#62

Azobenzene

Concen: 54.00 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

SP4152 - 1,2 DPH

Tot Ion: 77 Resp: 1013448

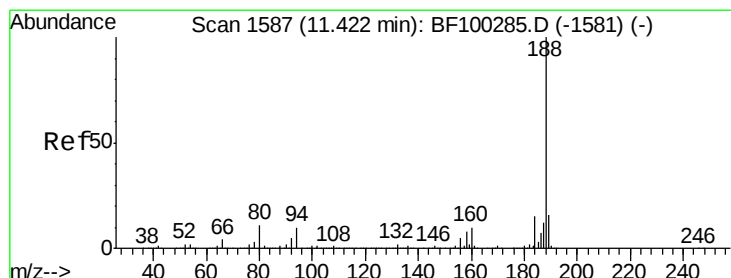
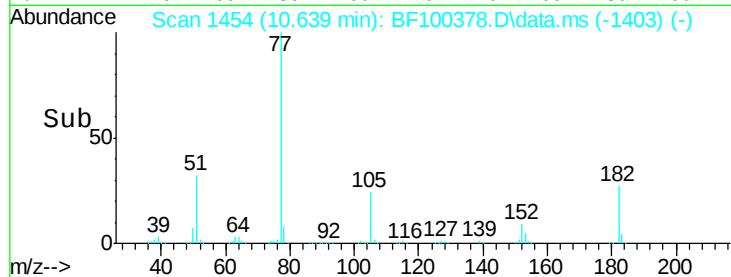
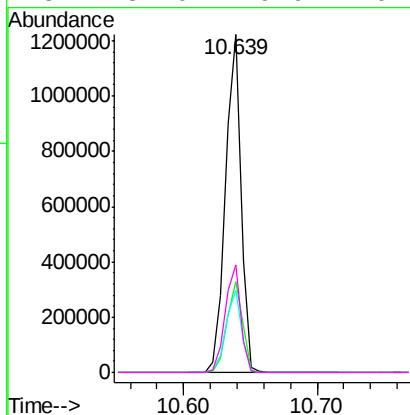
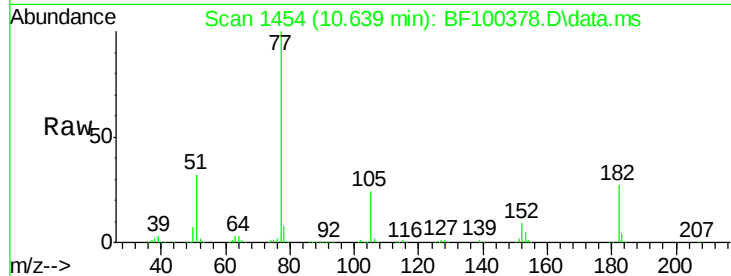
Ion Ratio Lower Upper

77 100

182 27.1 1.7 41.7

105 24.1 3.0 43.0

51 32.0 9.9 49.9



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.421 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

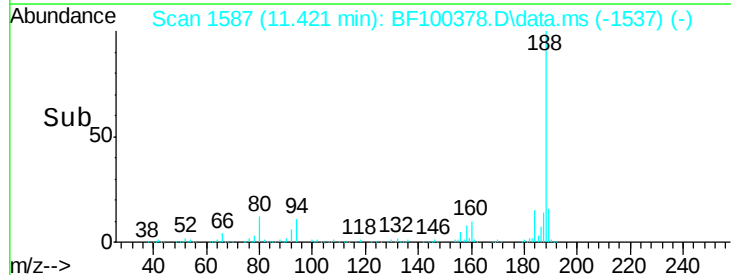
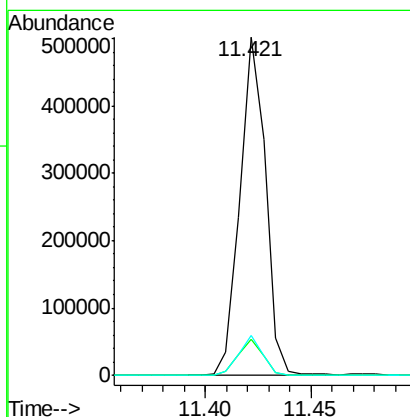
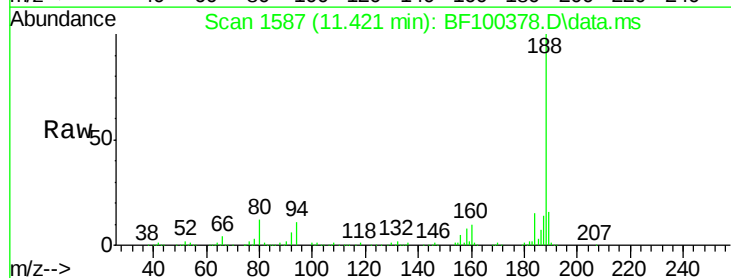
Tgt Ion: 188 Resp: 420639

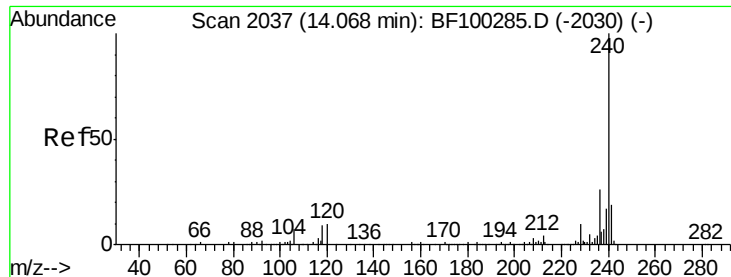
Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

80 11.6 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

SP4152 - 1,2 DPH

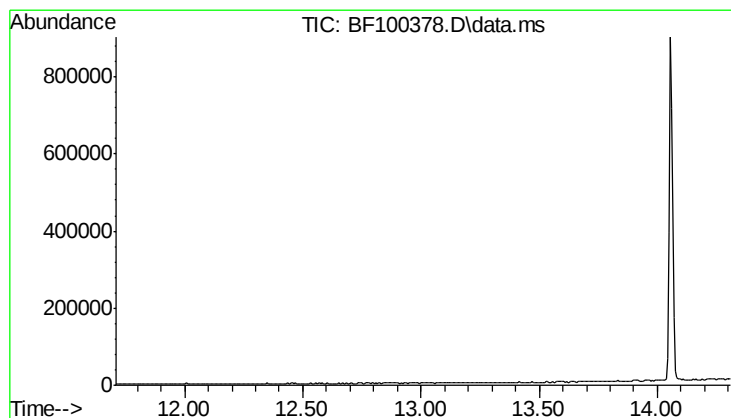
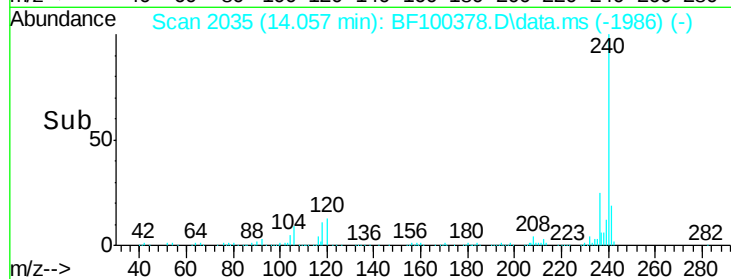
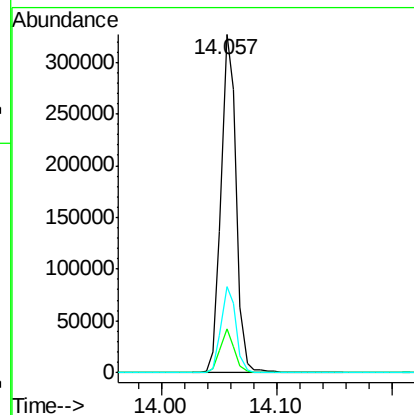
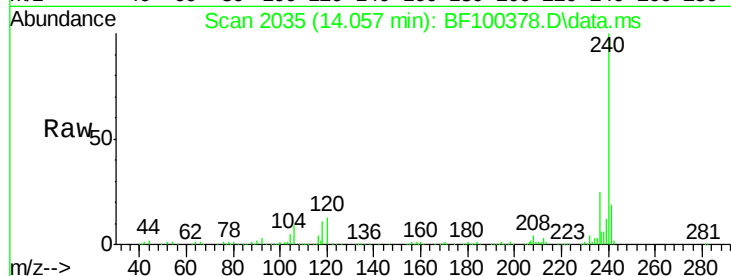
Tot Ion: 240 Resp: 297098

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

236 25.4 20.7 31.1



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 13.01 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

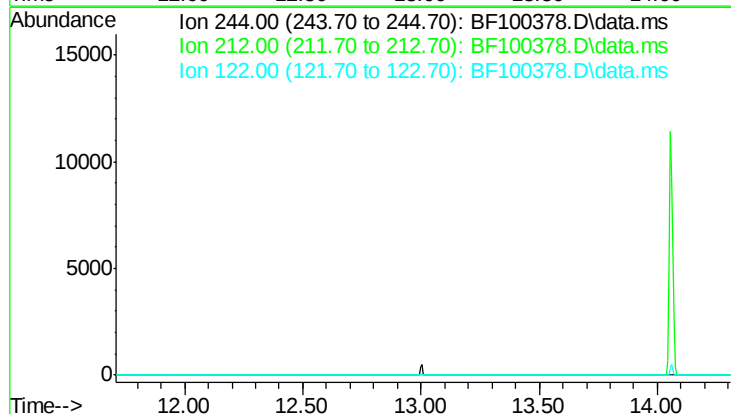
Tgt Ion: 244

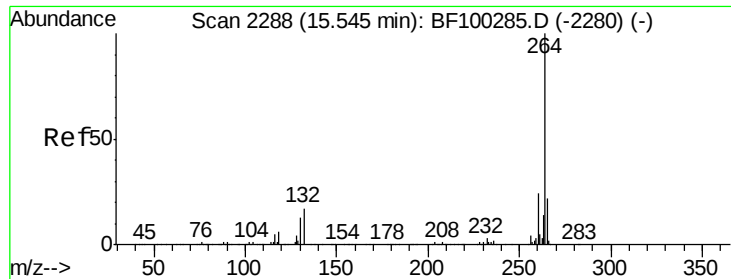
Sig Exp Ratio

244 100

212 6.7

122 13.7





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.539 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Instrument :
 BNA_F
 ClientSampleId :
 SP4152 - 1,2 DPH

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	17.5	26.3

