

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100378.D
 Acq On : 10 Nov 2017 9:13
 Operator : SJ/JU
 Sample : STD-1,2DPH
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 10:51:34 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

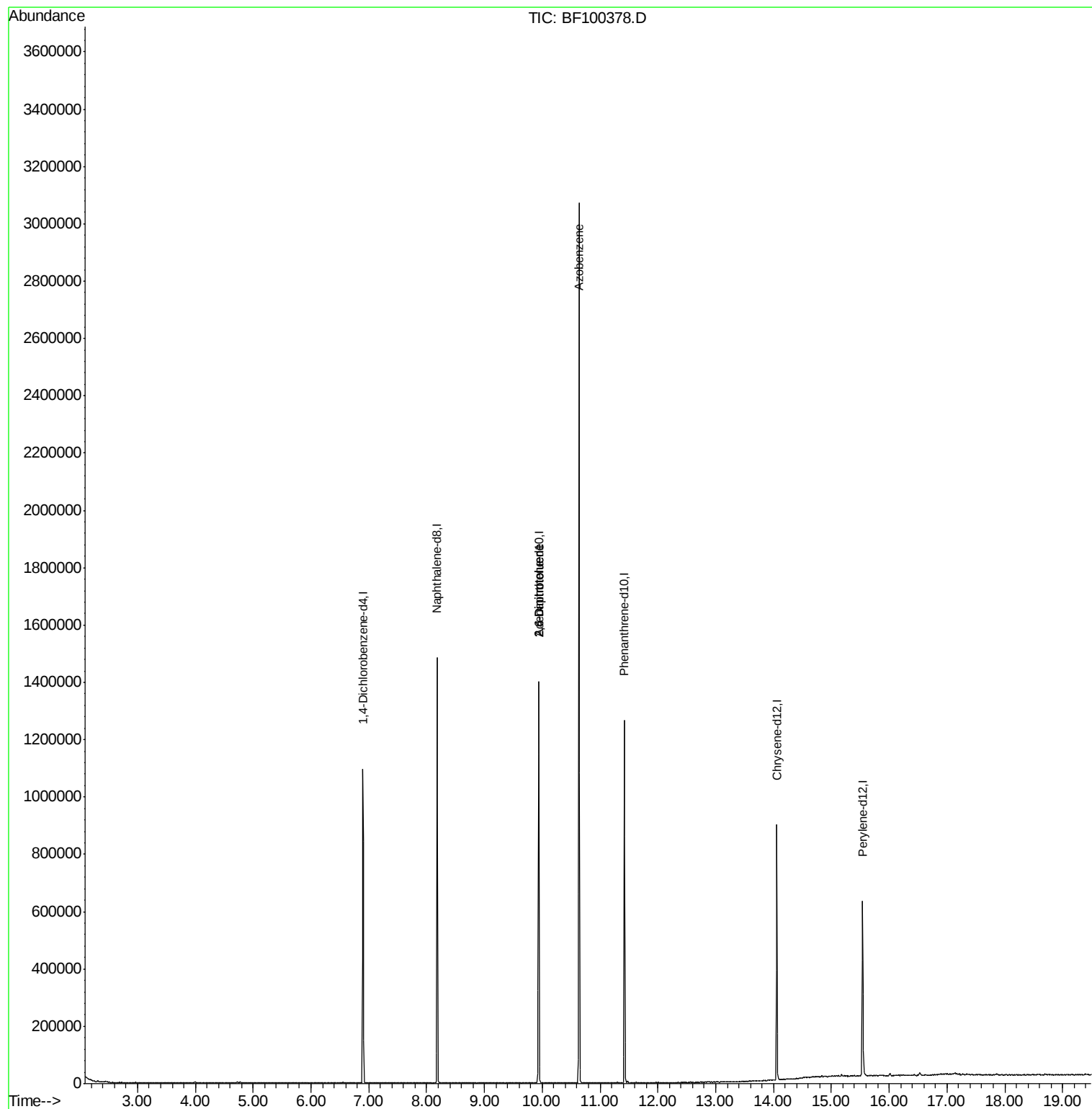
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154825	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	599691	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	260779	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	420639	20.00	ng	0.00
75) Chrysene-d12	14.06	240	297098	20.00	ng	-0.01
86) Perylene-d12	15.54	264	297967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.00	244	295	0.02	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.94	165	33606	8.527	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	33606	6.759	ng	# 23
62) Azobenzene	10.64	77	1013448	54.003	ng	94

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

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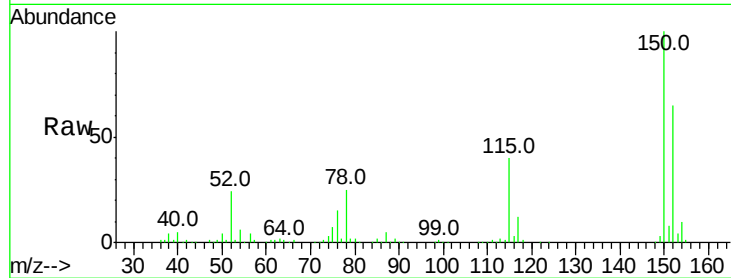


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Instrument :
 BNA_F
 ClientSampleId :

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

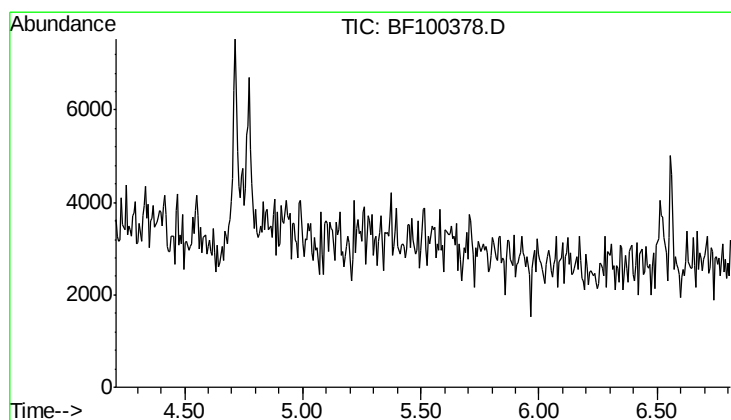
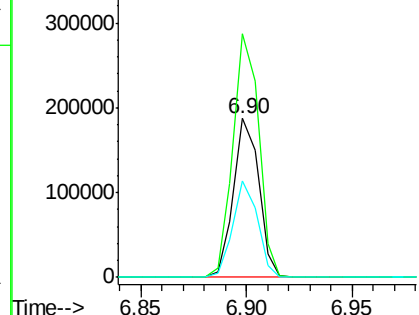
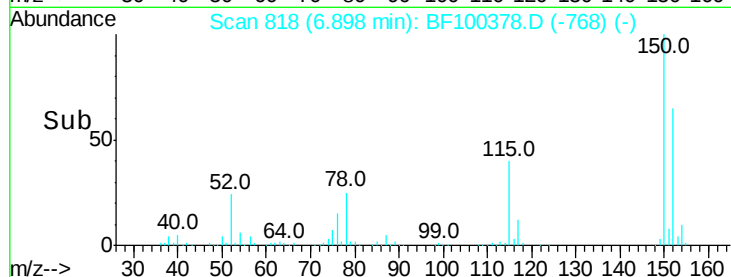


Abundance

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

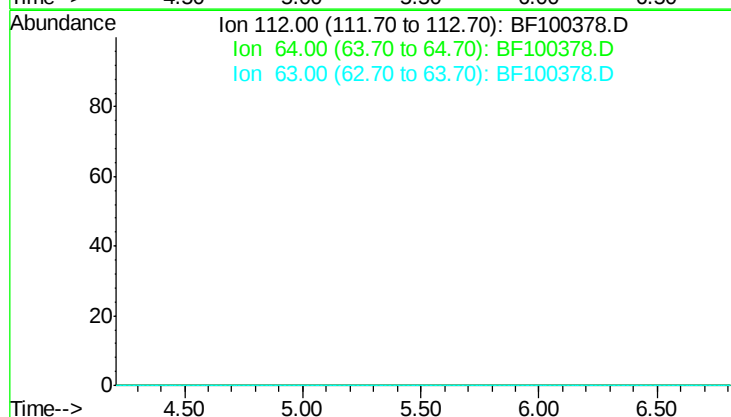


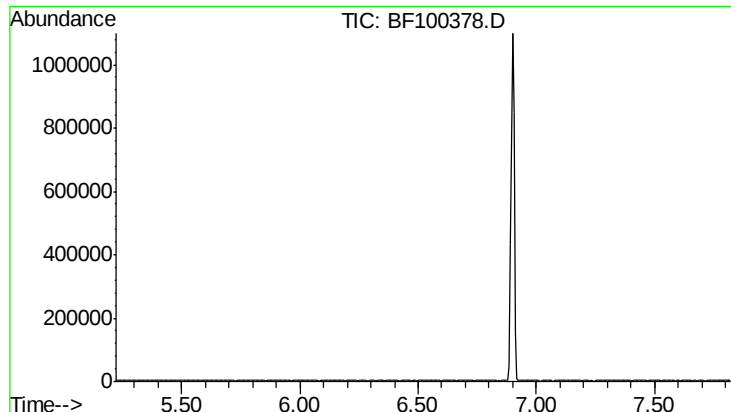
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.51 min

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

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6

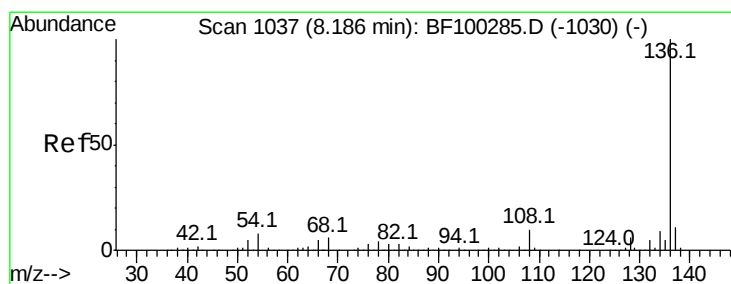
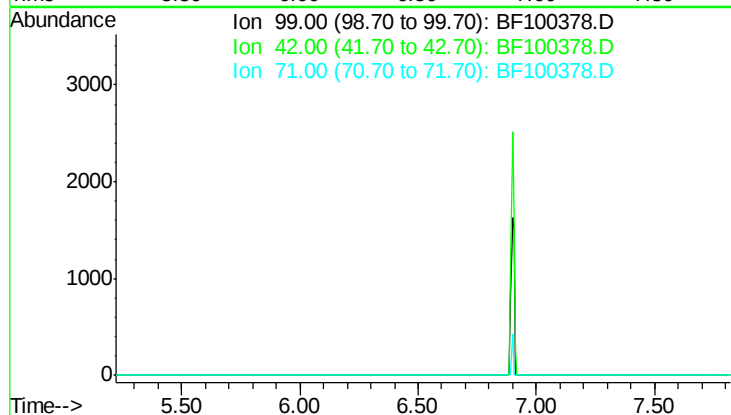




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.52 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

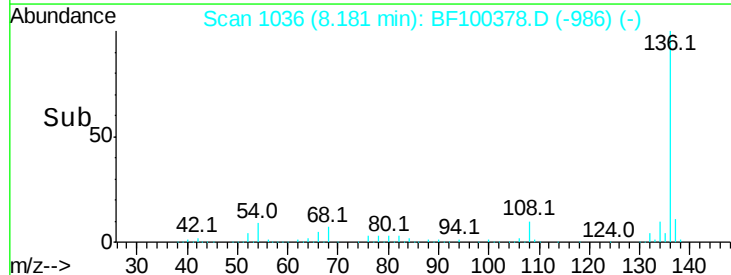
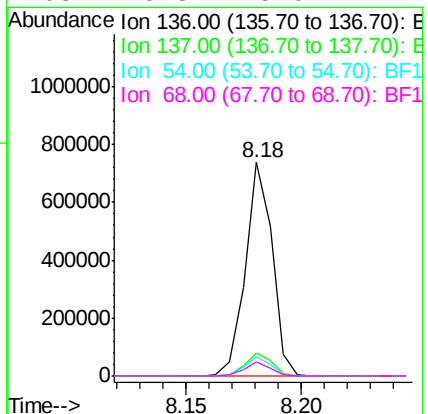
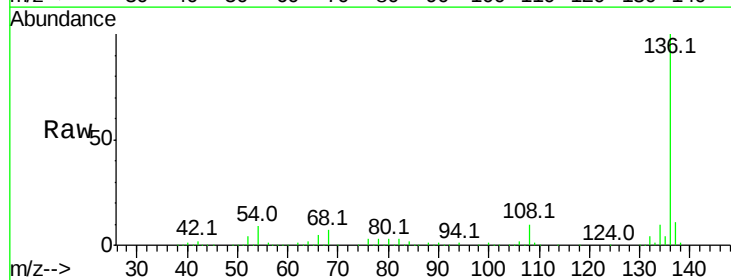
Instrument :
 BNA_F
 ClientSampleId :

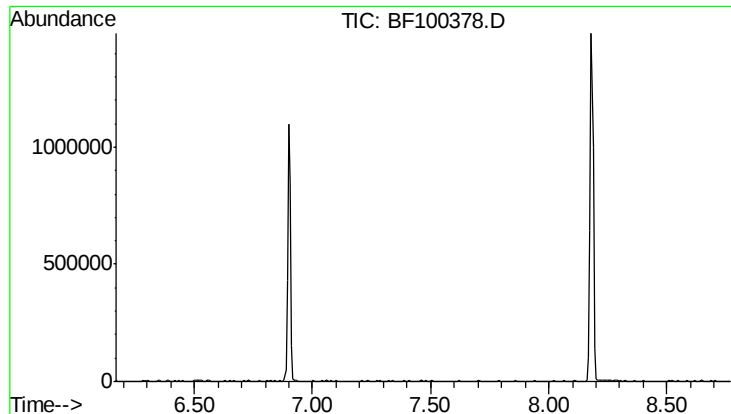
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 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

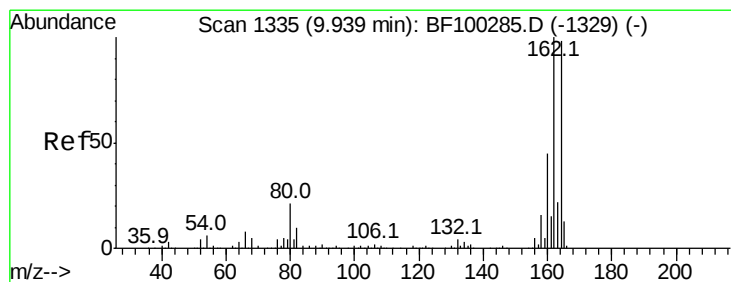
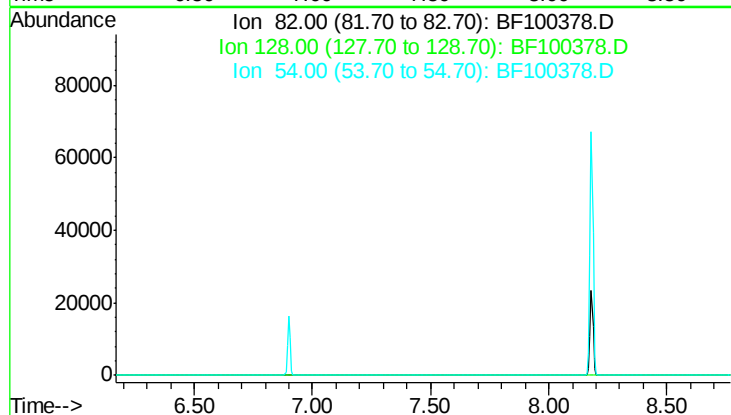




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.47 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

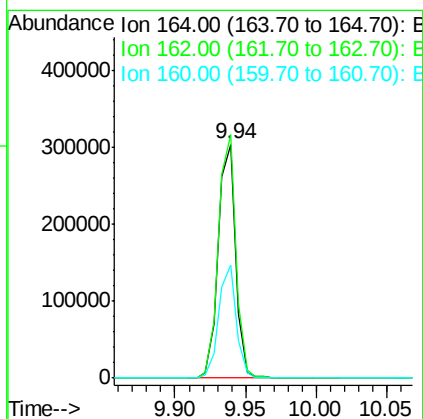
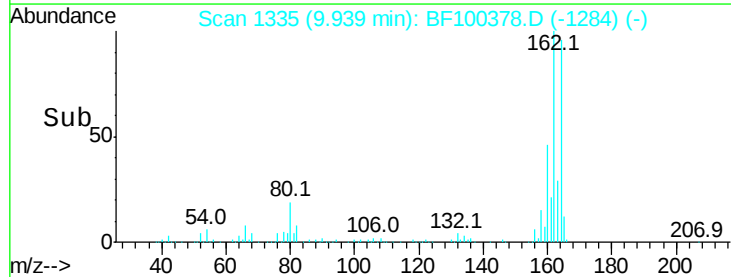
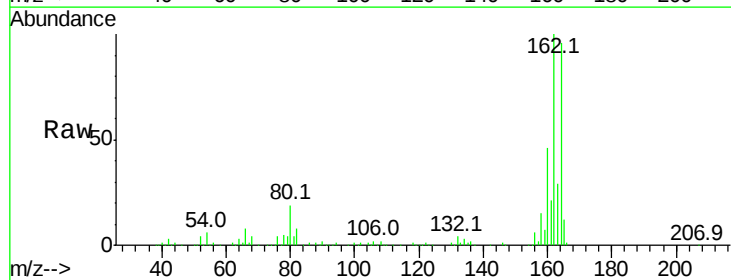
Instrument :
 BNA_F
 ClientSampleId :

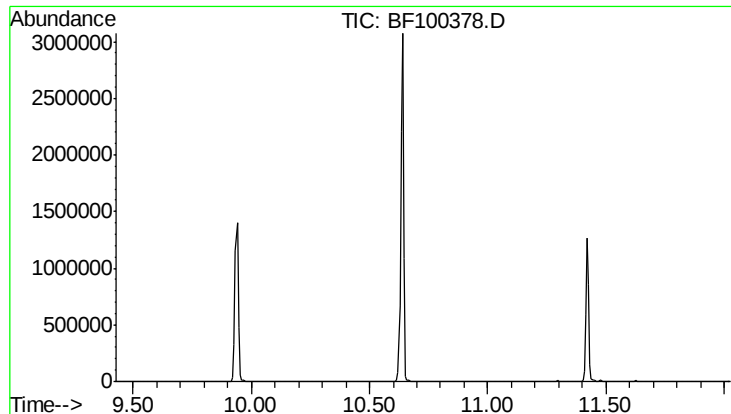
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 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

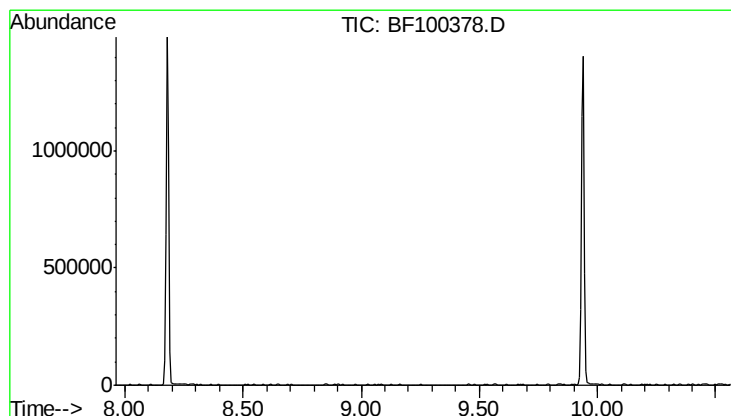
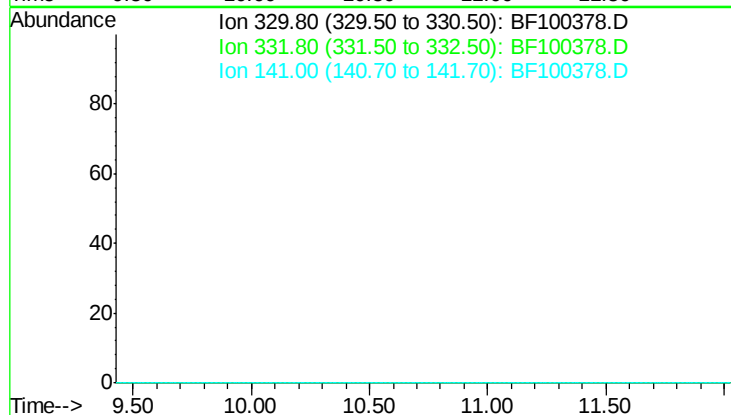




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.73 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

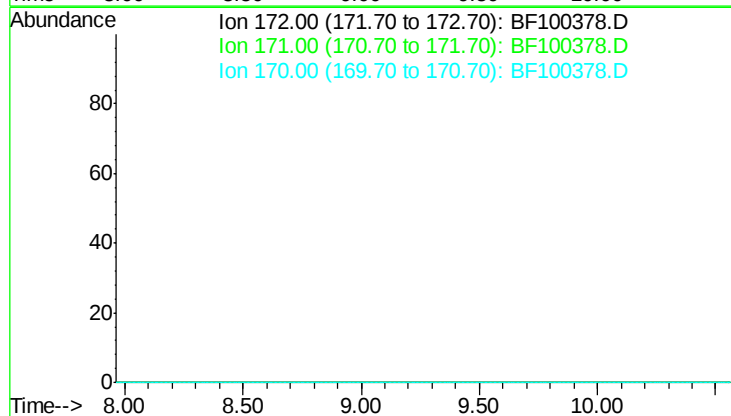
Instrument :
 BNA_F
 ClientSampleId :

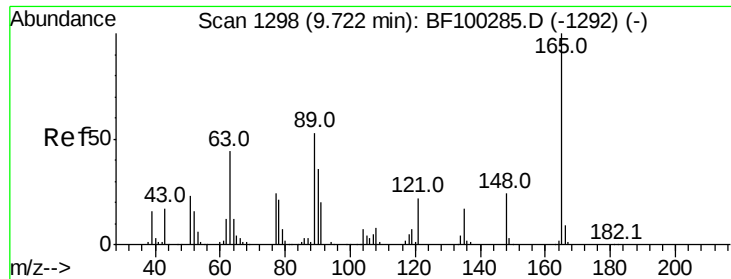
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 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

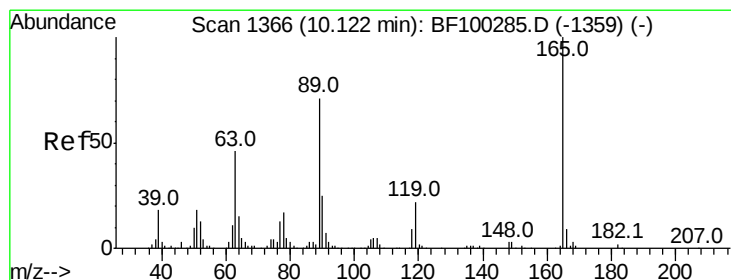
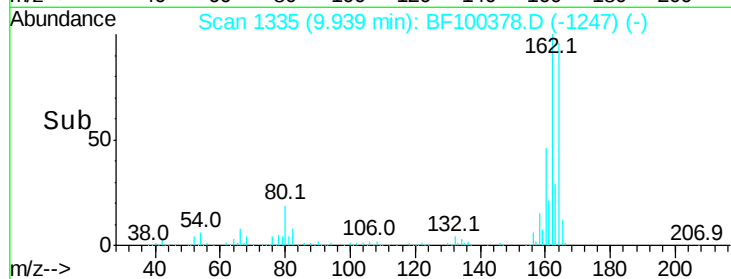
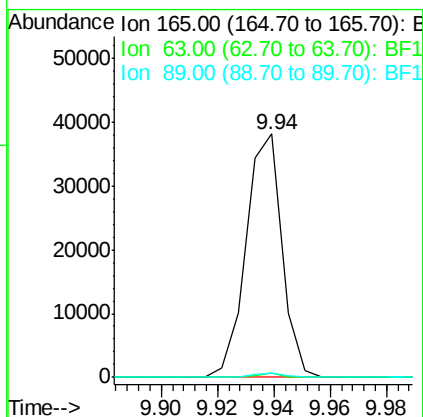
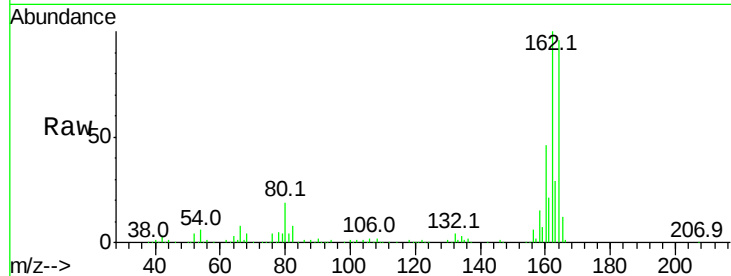




#50
 2,6-Dinitrotoluene
 Concen: 8.527 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

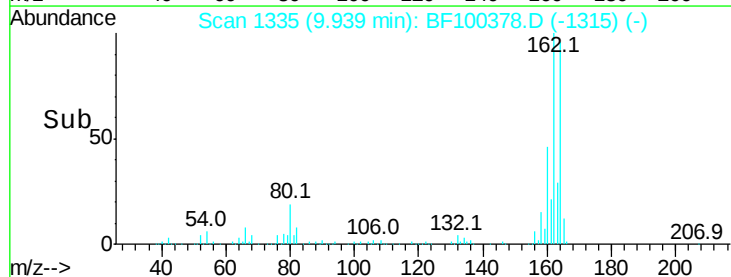
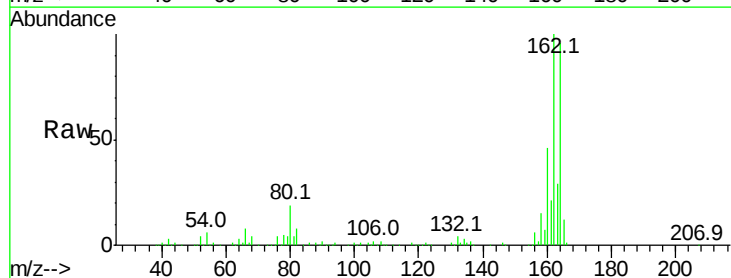
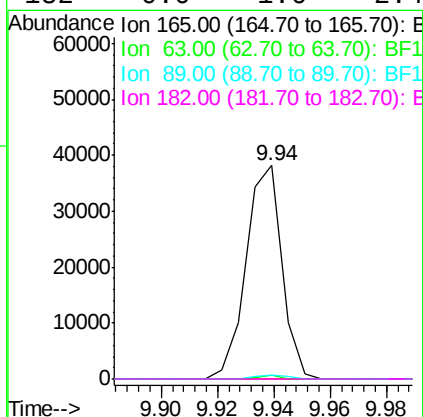
Instrument :
 BNA_F
 ClientSampled :

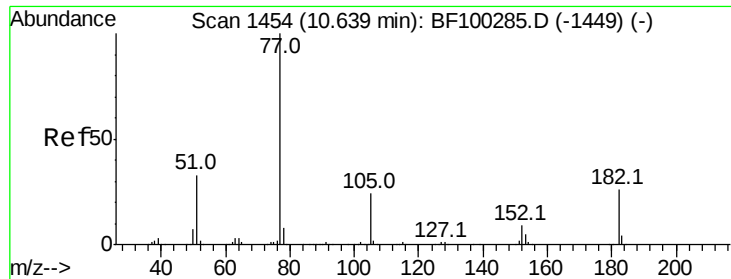
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.759 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100378.D
 Acq: 10 Nov 2017 9:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 54.003 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1013448

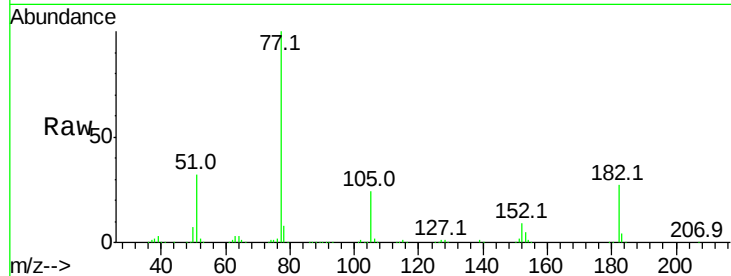
Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	24.1	3.0	43.0
51	32.0	9.9	49.9

77 100

182 27.1 1.7 41.7

105 24.1 3.0 43.0

51 32.0 9.9 49.9

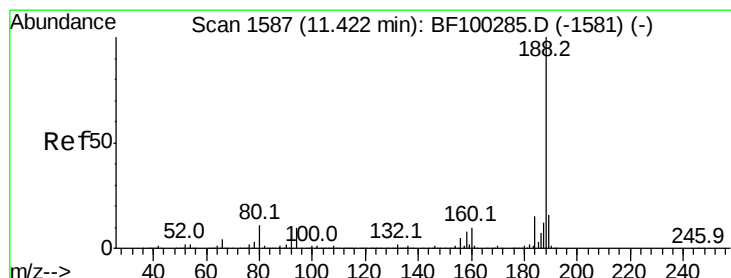
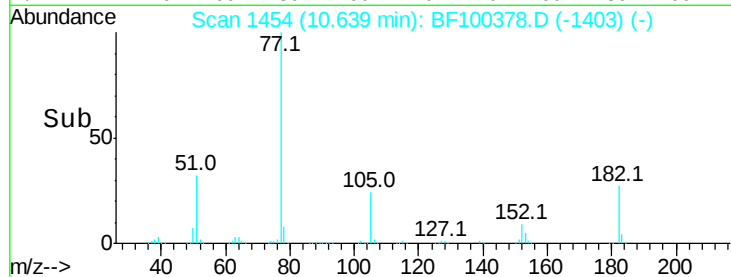
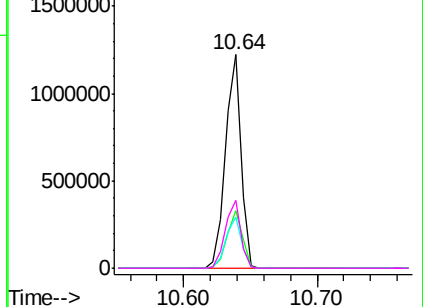


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

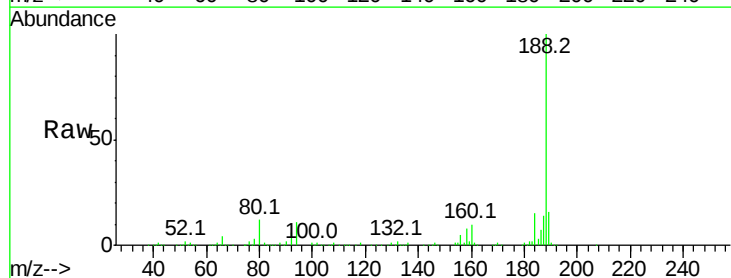
Tgt Ion: 188 Resp: 420639

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

188 100

94 10.6 8.5 12.7

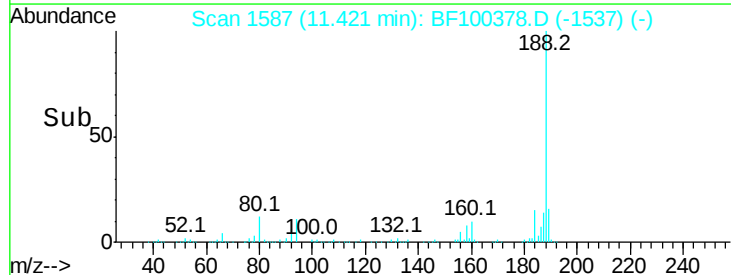
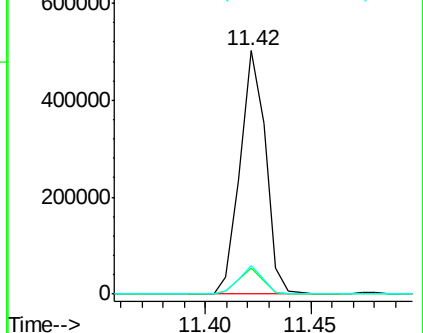
80 11.6 9.2 13.8

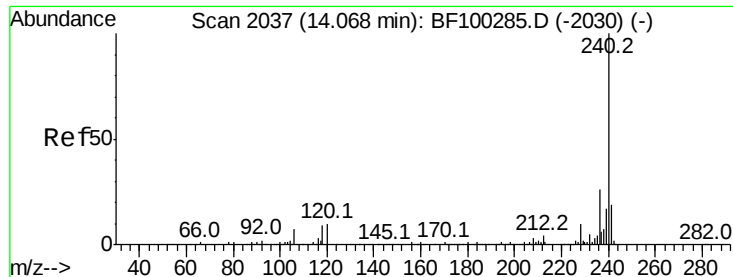


Abundance Ion 188.00 (187.70 to 188.70): BF1

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# 2035

Delta R.T. -0.01 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

Instrument :

BNA_F

ClientSampleId :

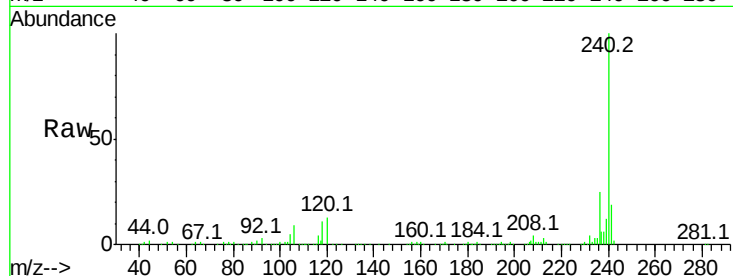
Tot Ion:240 Resp: 297098

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

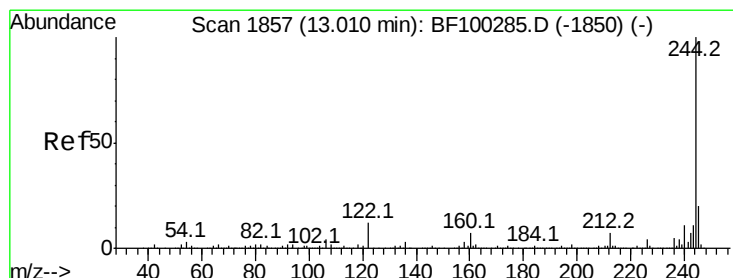
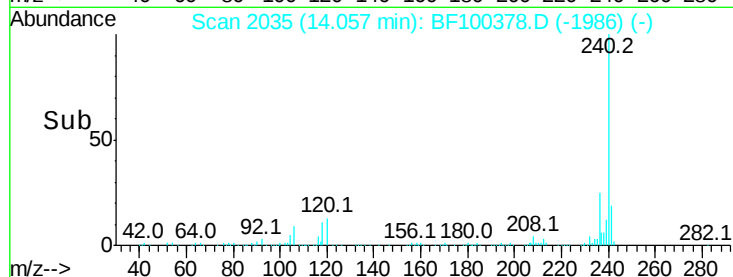
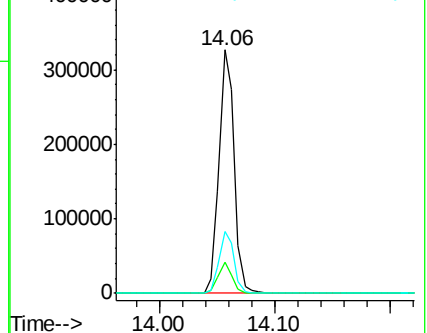
236 25.4 20.7 31.1



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: 0.023 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100378.D

Acq: 10 Nov 2017 9:13

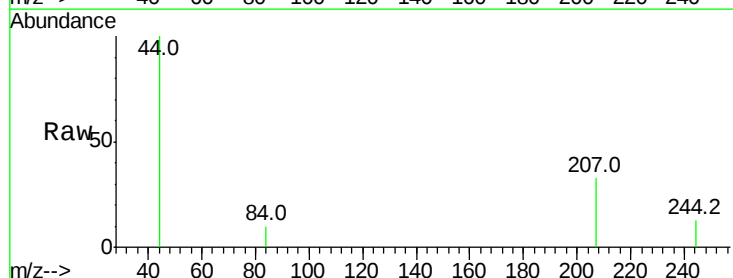
Tgt Ion:244 Resp: 295

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

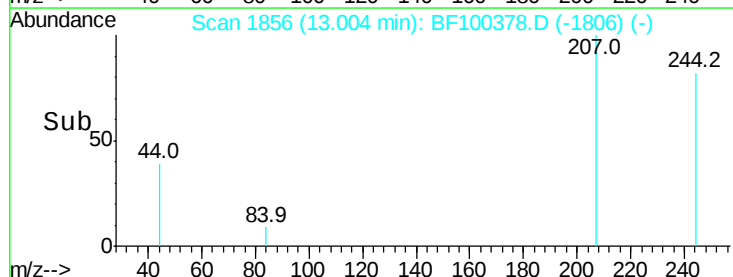
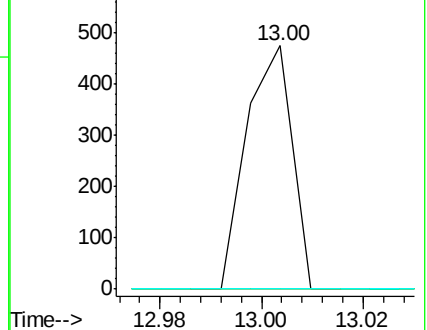
122 0.0 11.0 16.4#

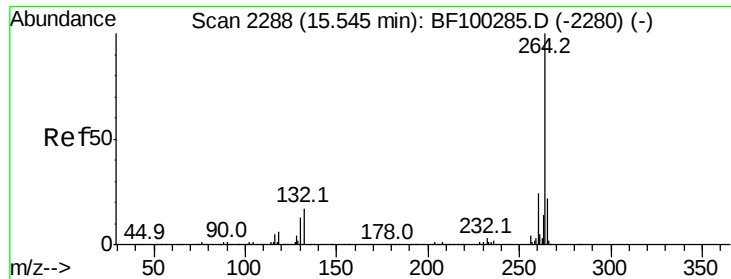


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :

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

