

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100809.D
 Acq On : 22 Nov 2017 5:06
 Operator : SJ/JU
 Sample : I6542-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-D-S

Quant Time: Nov 22 07:46:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85500	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	322017	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	138924	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	223182	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	159994	20.00	ng	-0.01
86) Perylene-d12	15.51	264	142295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	227960	42.74	ng	0.00
7) Phenol-d6	6.49	99	170603	25.94	ng	-0.02
23) Nitrobenzene-d5	7.44	82	542511	111.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	124328	87.82	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1004426	110.09	ng	0.00
78) Terphenyl-d14	12.98	244	645780	92.74	ng	0.00

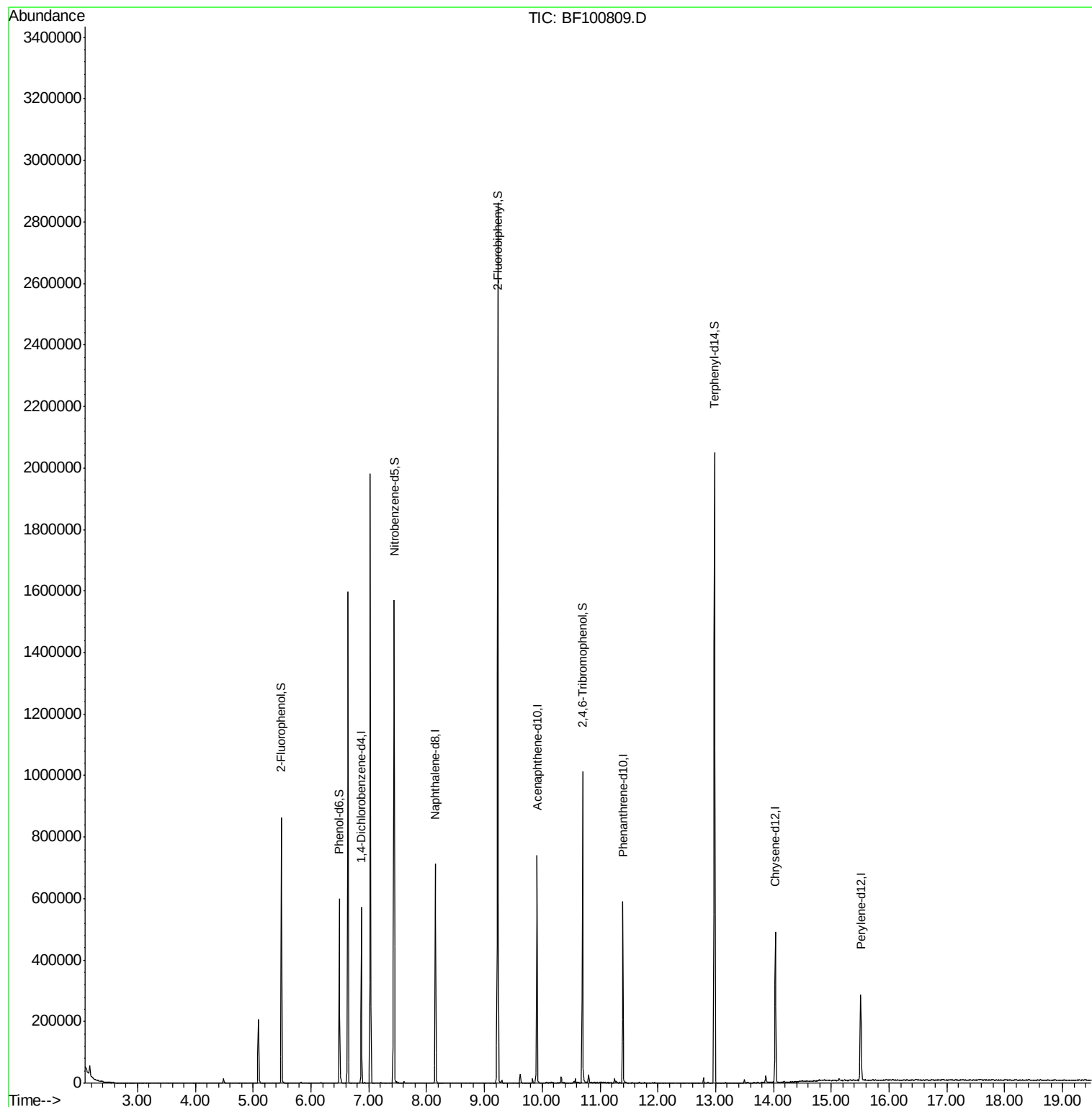
Target Compounds Qvalue

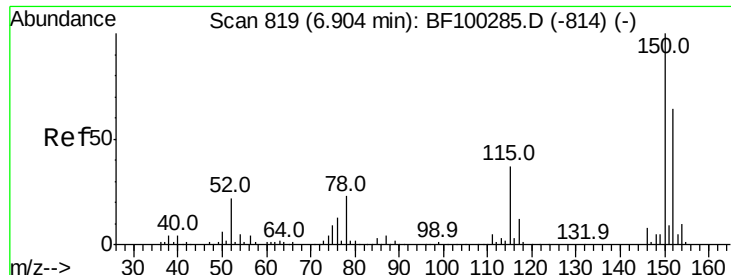
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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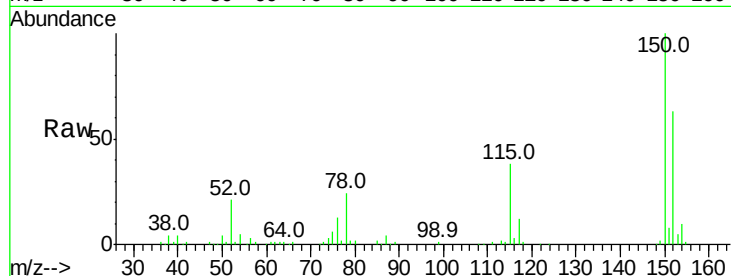


#1

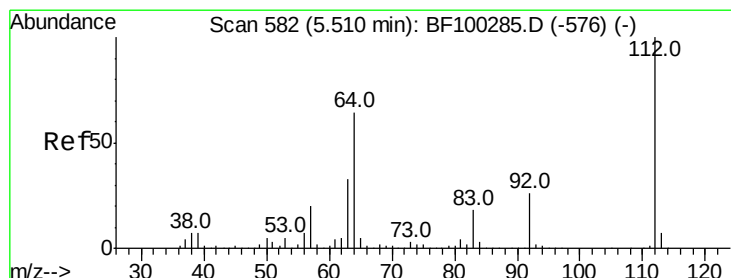
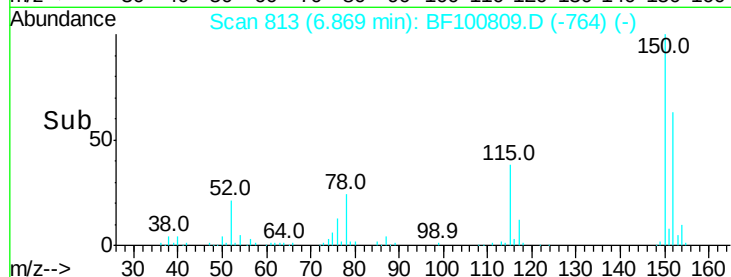
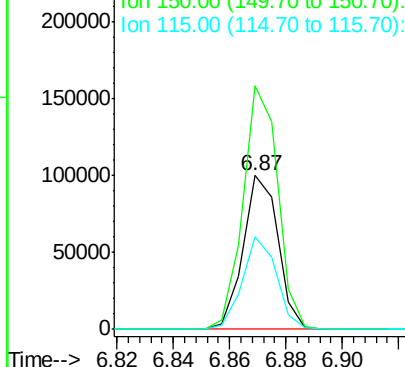
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-D-S

Tot Ion:152 Resp: 85500
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.6 50.1 75.1



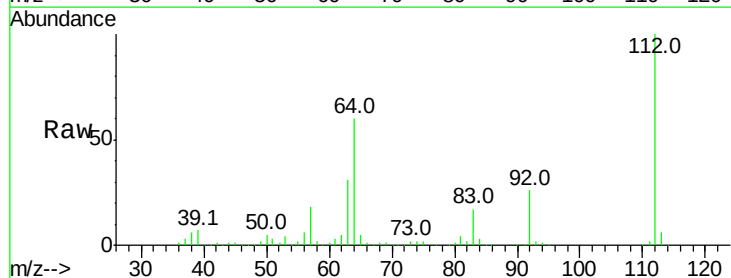
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



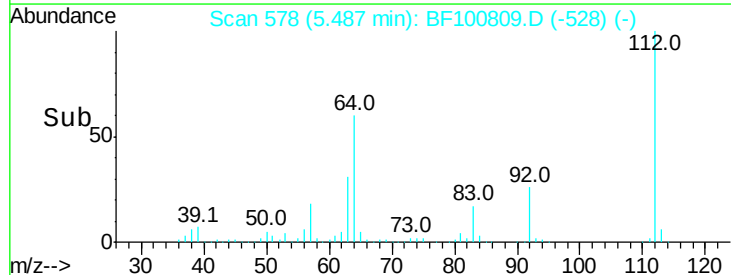
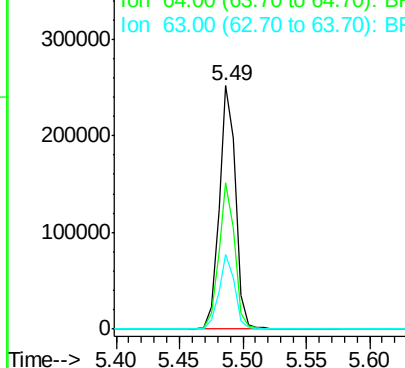
#5

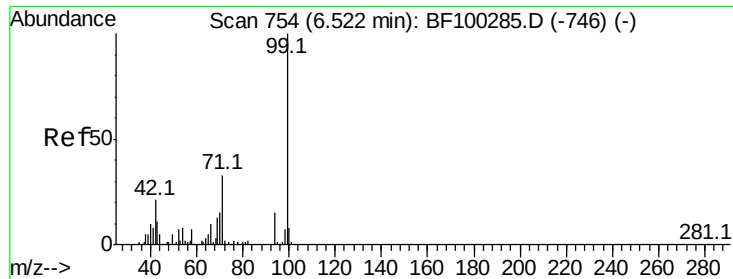
2-Fluorophenol
Concen: 42.739 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion:112 Resp: 227960
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.7 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: 25.938 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100809.D

Acq: 22 Nov 2017 5:06

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-D-S

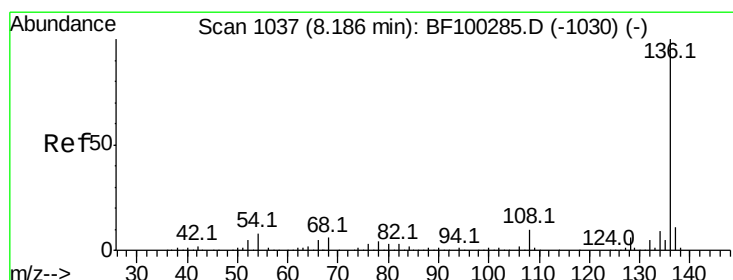
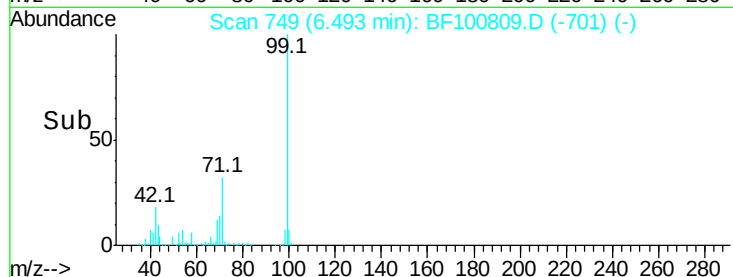
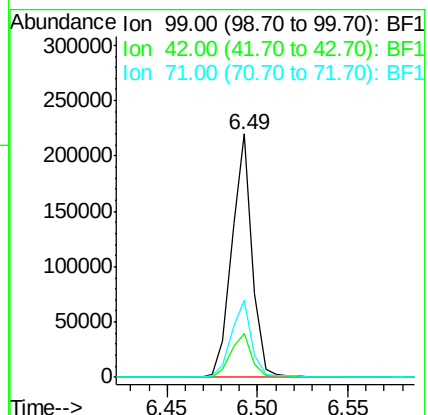
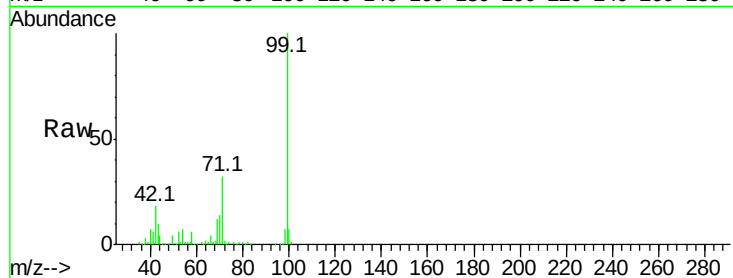
Tot Ion: 99 Resp: 170603

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100809.D

Acq: 22 Nov 2017 5:06

Tgt Ion: 136 Resp: 322017

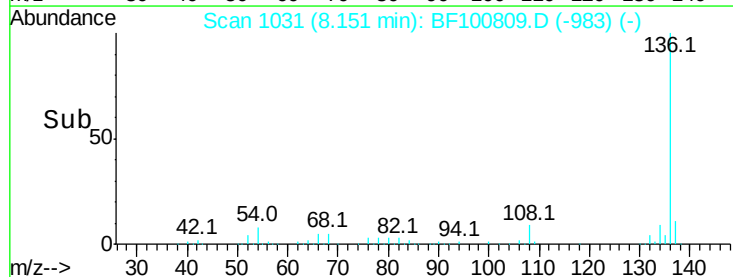
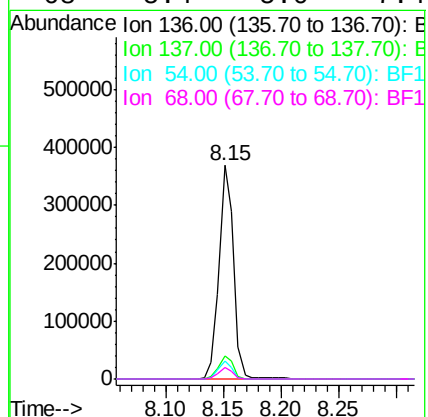
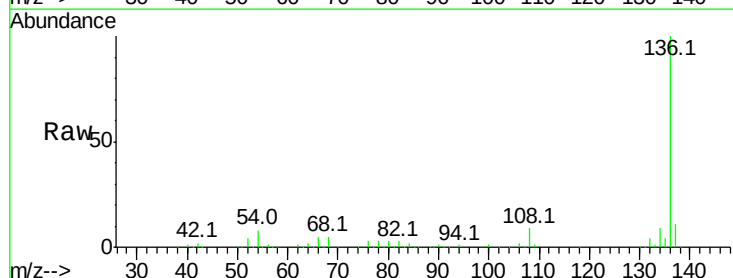
Ion Ratio Lower Upper

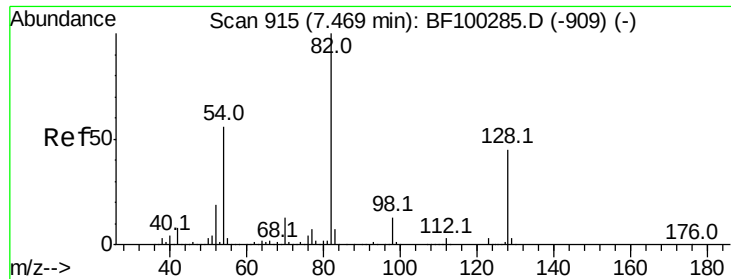
136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 5.4 5.0 7.4

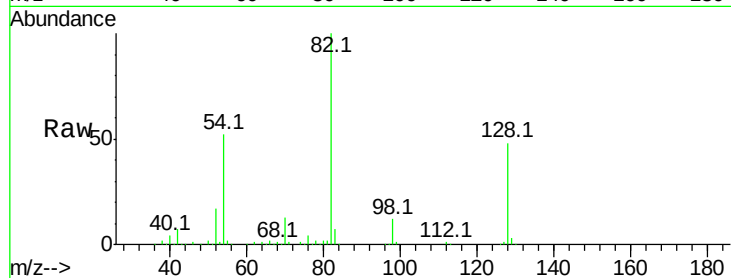




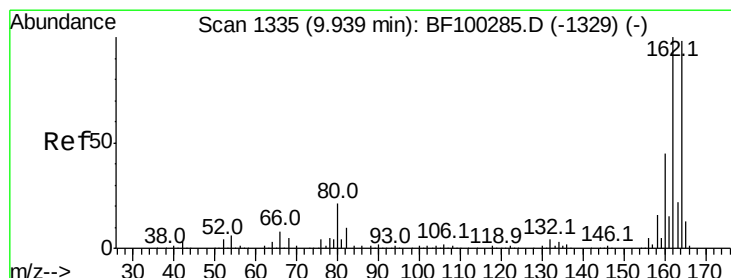
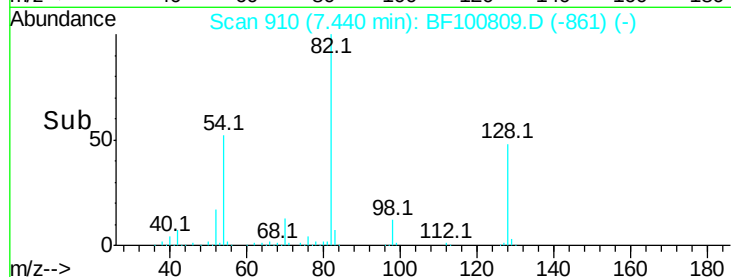
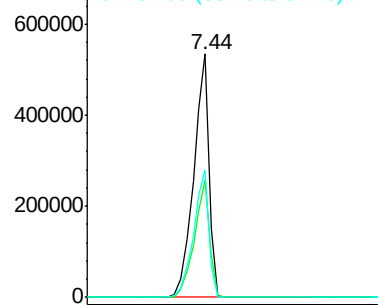
#23
 Nitrobenzene-d5
 Concen: 111.383 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100809.D
 Acq: 22 Nov 2017 5:06

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-D-S

Tot Ion: 82 Resp: 542511
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 52.4 41.4 62.2

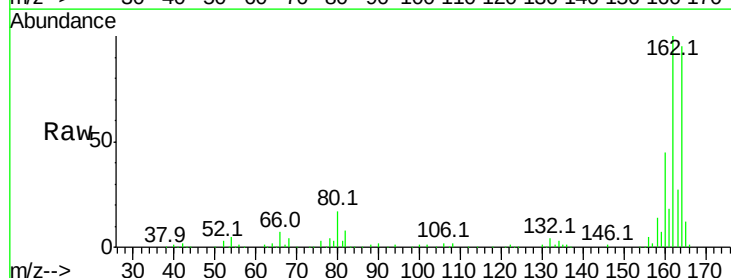


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

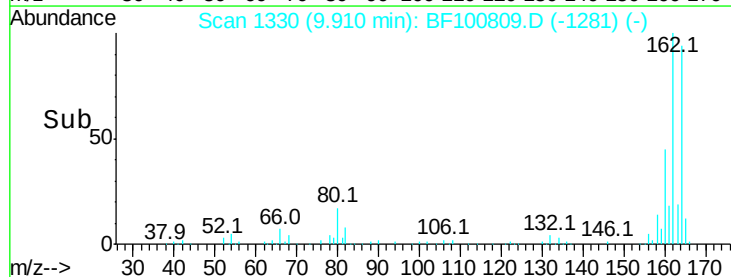
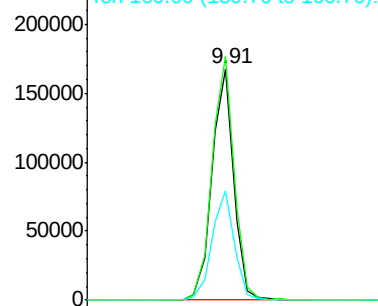


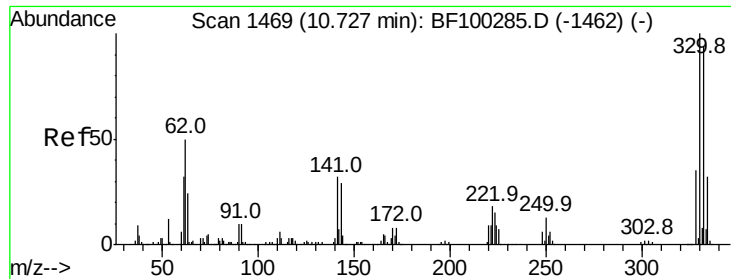
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100809.D
 Acq: 22 Nov 2017 5:06

Tgt Ion: 164 Resp: 138924
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

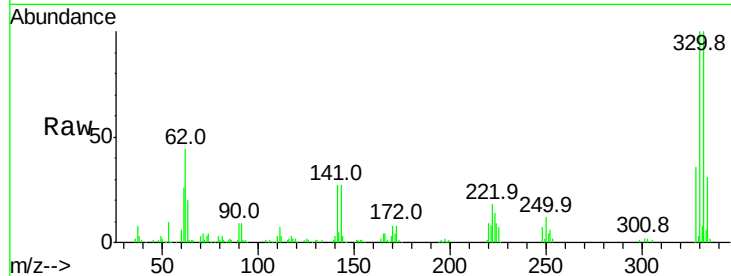




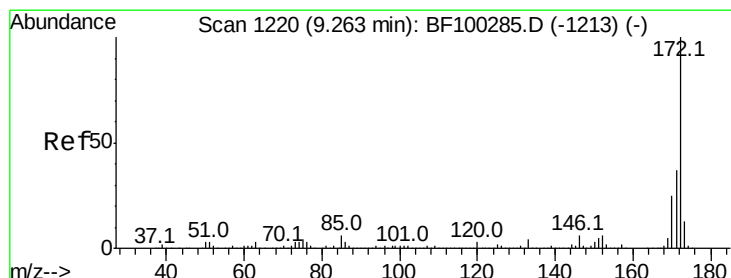
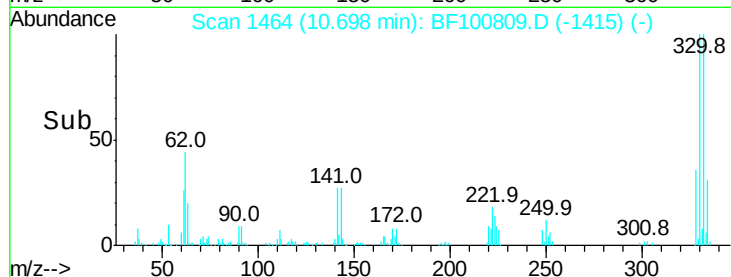
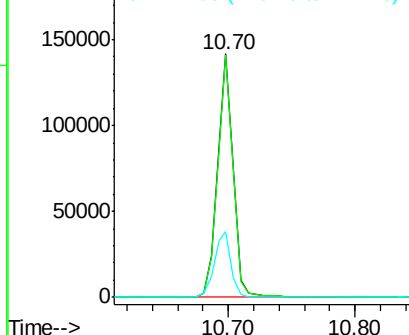
#41
 2,4,6-Tribromophenol
 Concen: 87.825 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100809.D
 Acq: 22 Nov 2017 5:06

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	28.3	29.9	44.9#

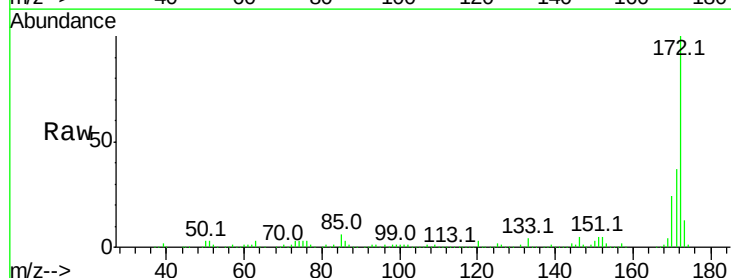


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

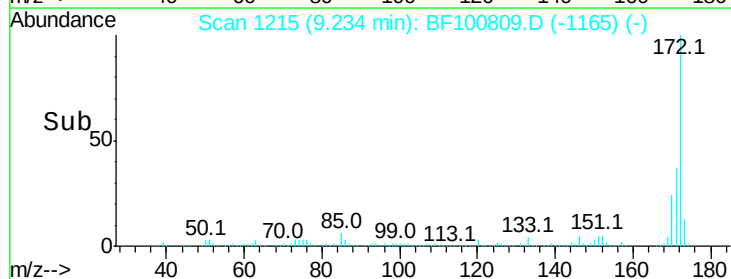
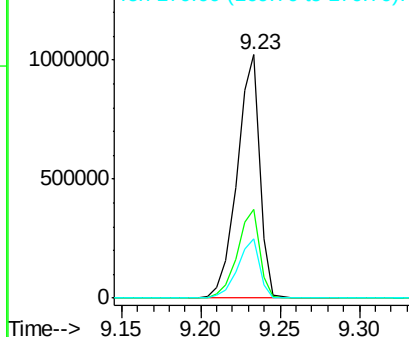


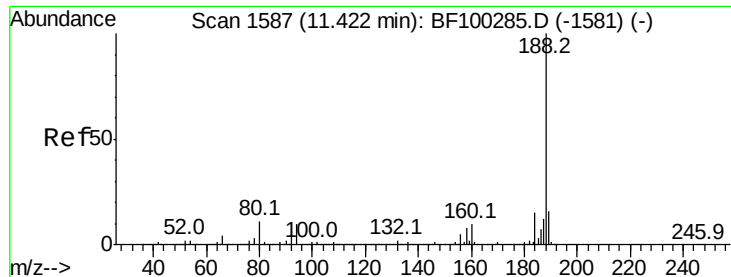
#44
 2-Fluorobiphenyl
 Concen: 110.093 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100809.D
 Acq: 22 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	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

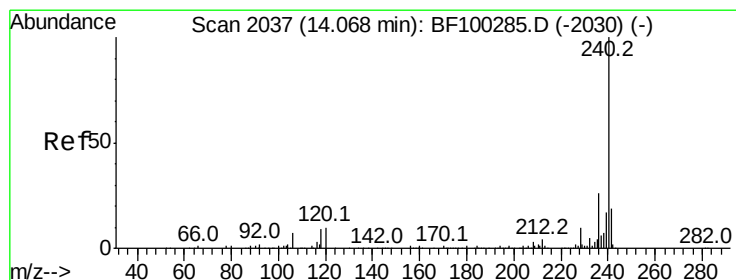
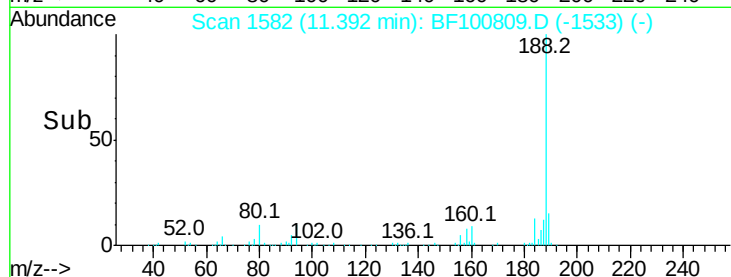
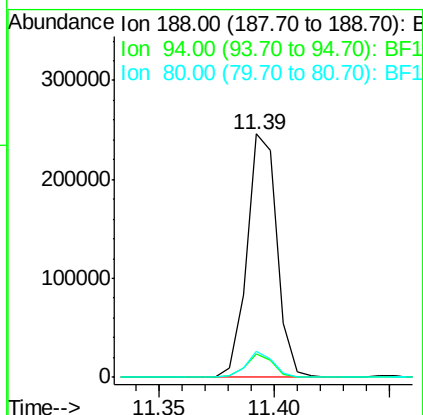
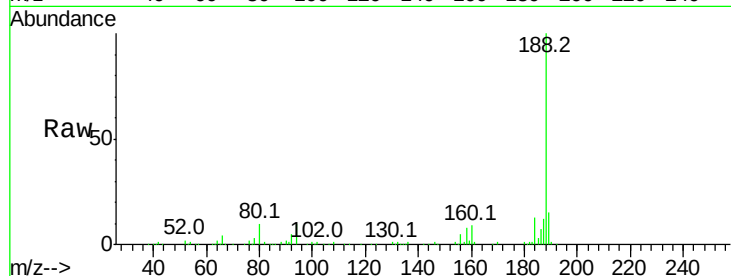




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

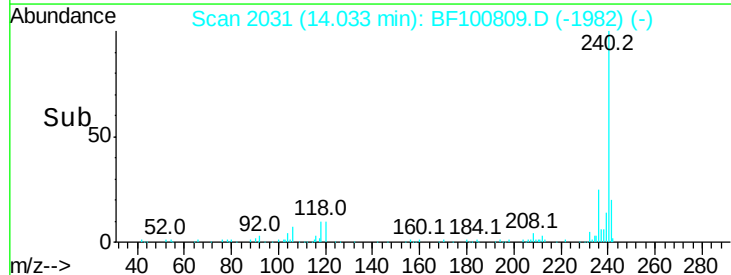
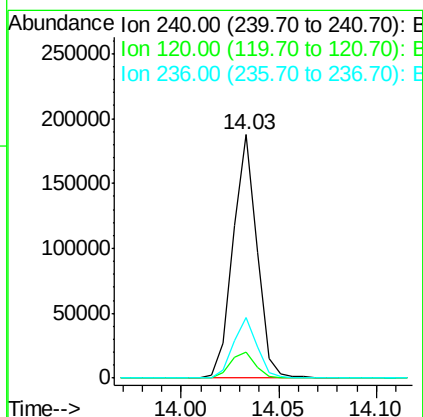
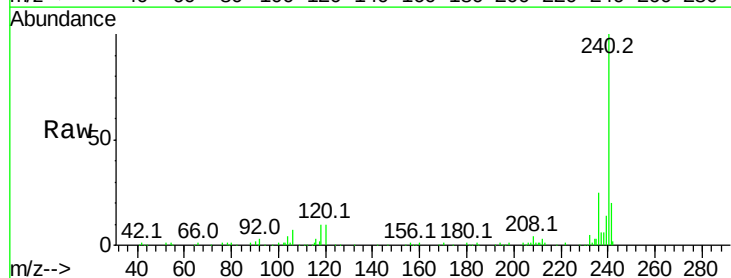
Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-D-S

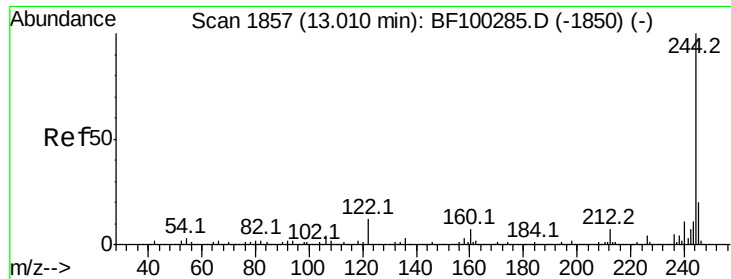
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100809.D
Acq: 22 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 92.742 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100809.D

Acq: 22 Nov 2017 5:06

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-D-S

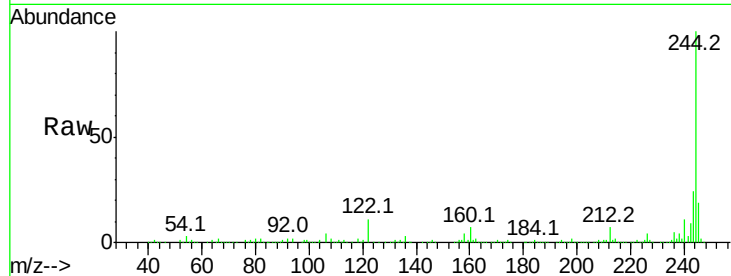
Tot Ion:244 Resp: 645780

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

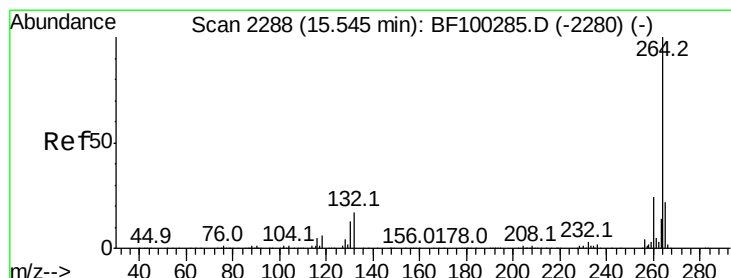
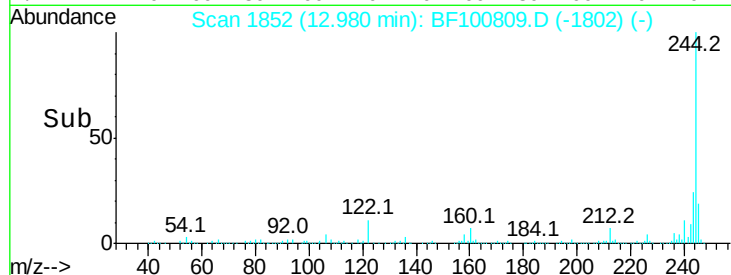
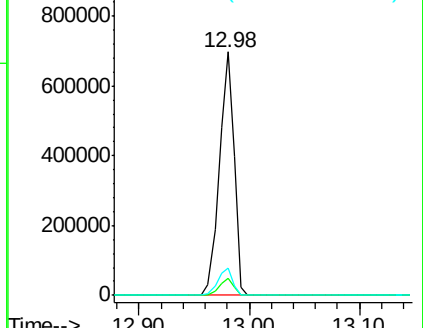
122 11.4 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100809.D

Acq: 22 Nov 2017 5:06

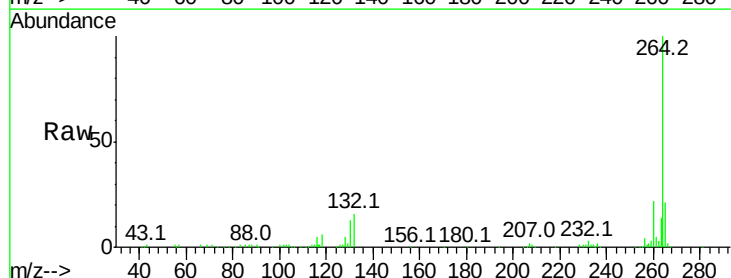
Tgt Ion:264 Resp: 142295

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.3 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

