

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100661.D
 Acq On : 17 Nov 2017 5:54
 Operator : SJ/JU
 Sample : I6491-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

Quant Time: Nov 17 06:27:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	95483	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	353162	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	152173	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	241121	20.00	ng	0.00
75) Chrysene-d12	14.04	240	204892	20.00	ng	0.00
86) Perylene-d12	15.52	264	206710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	252254	42.35	ng	0.00
7) Phenol-d6	6.50	99	186213	25.35	ng	-0.01
23) Nitrobenzene-d5	7.45	82	586896	109.87	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	130421	84.11	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1080395	108.11	ng	0.00
78) Terphenyl-d14	12.99	244	719866	80.73	ng	0.00

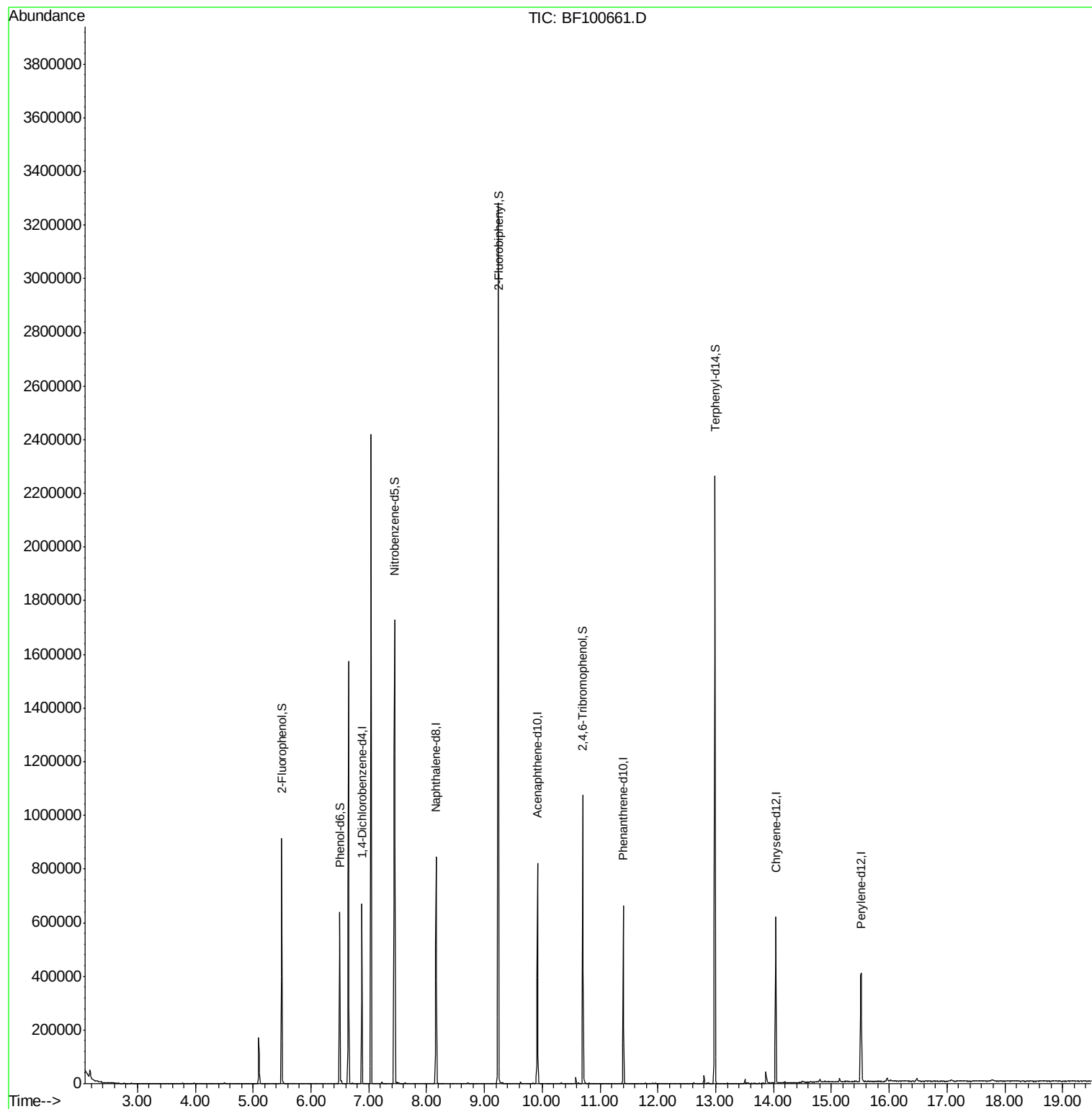
Target Compounds Qvalue

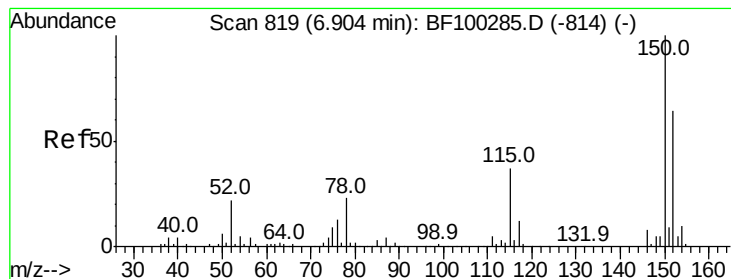
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 17 06:27:10 2017
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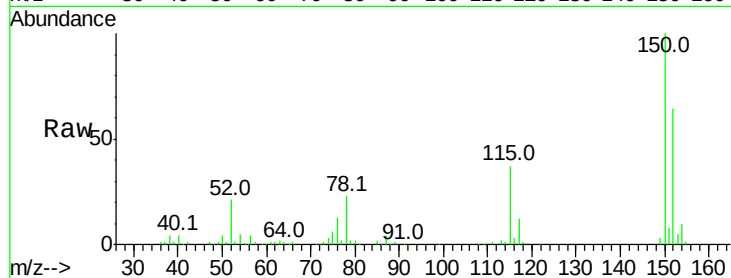


#1

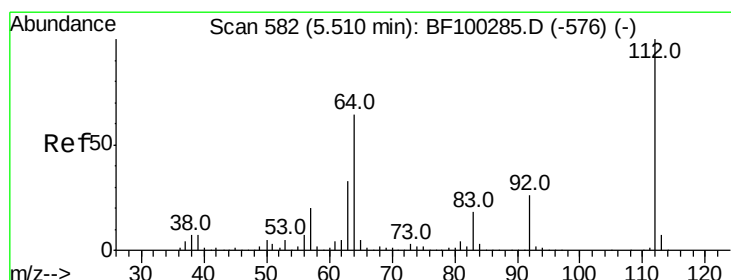
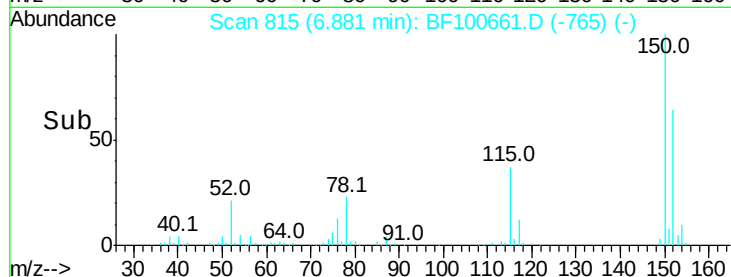
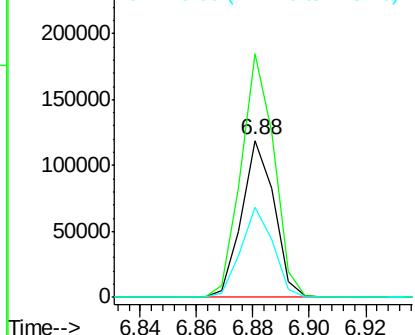
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-S

Tot Ion:152 Resp: 95483
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.5 50.1 75.1



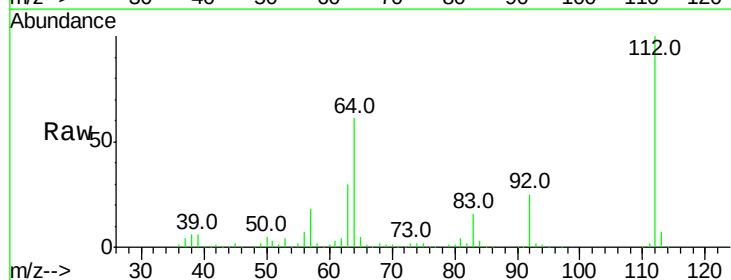
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



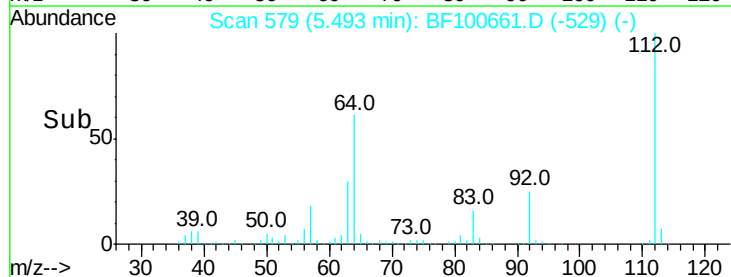
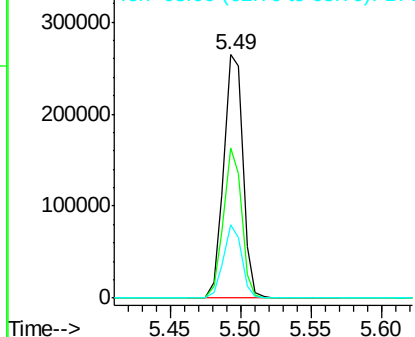
#5

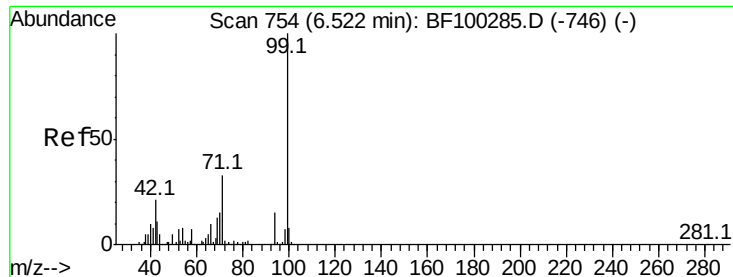
2-Fluorophenol
Concen: 42.349 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100661.D
Acq: 17 Nov 2017 5:54

Tgt Ion:112 Resp: 252254
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 30.0 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: 25.352 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

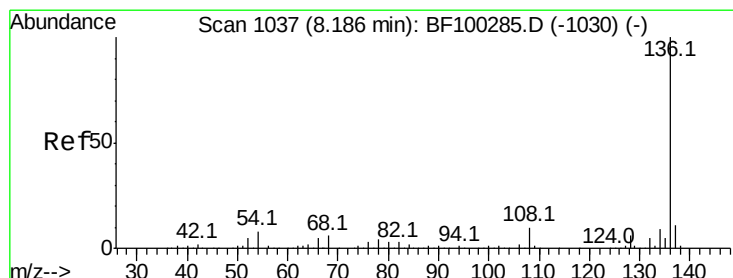
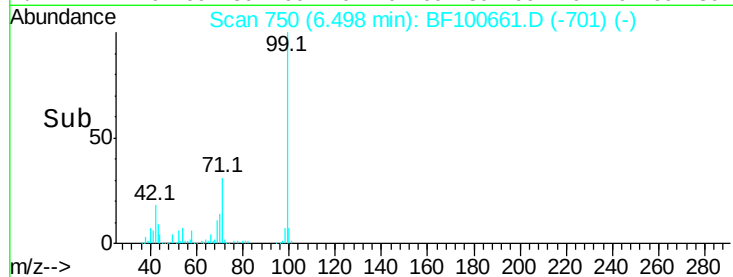
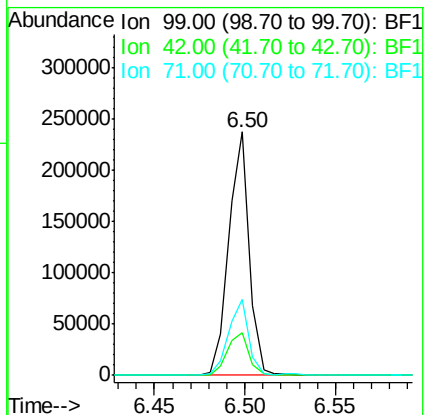
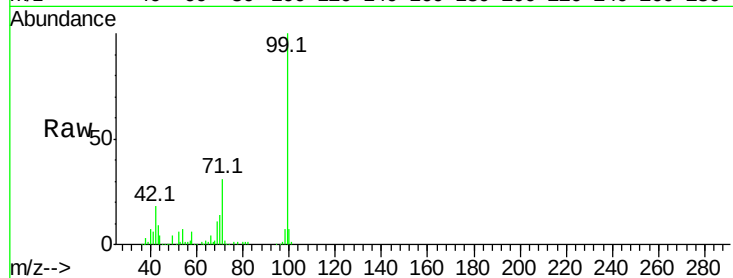
Tot Ion: 99 Resp: 186213

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 31.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Tgt Ion: 136 Resp: 353162

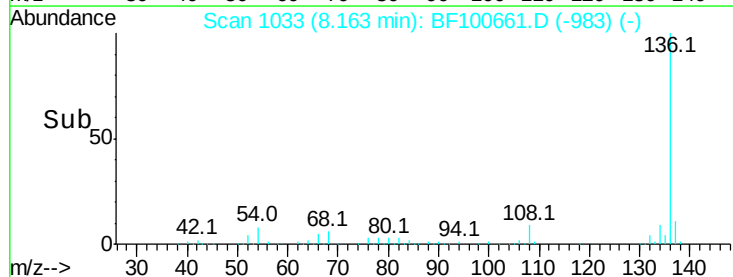
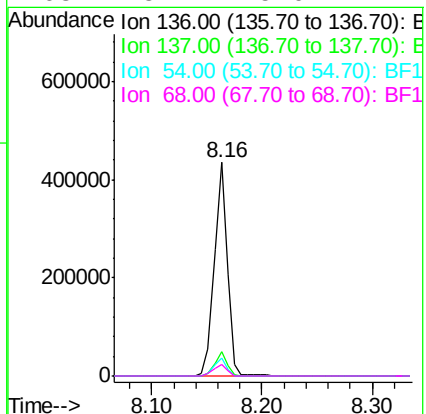
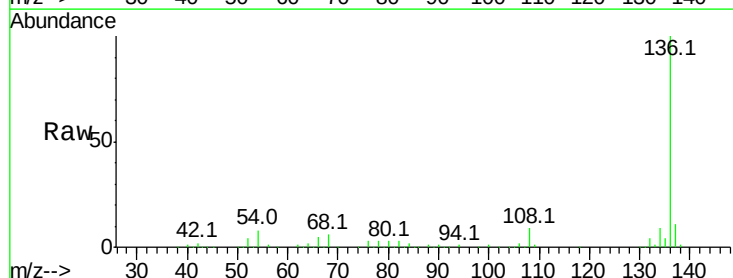
Ion Ratio Lower Upper

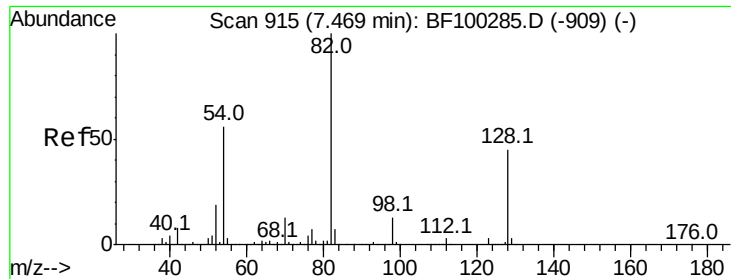
136 100

137 11.5 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

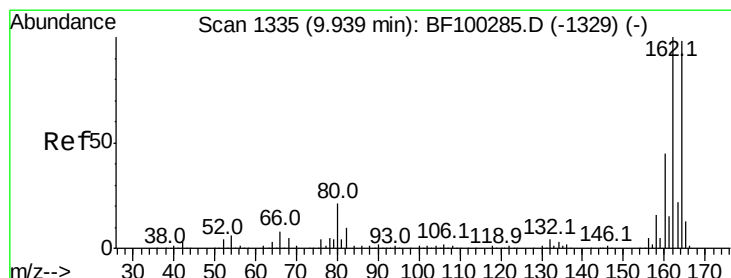
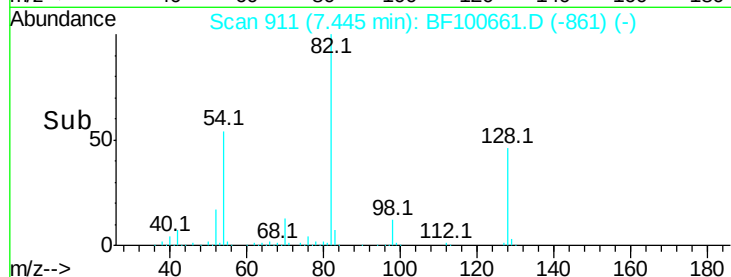
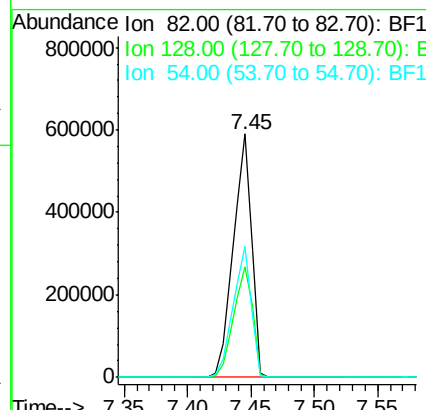
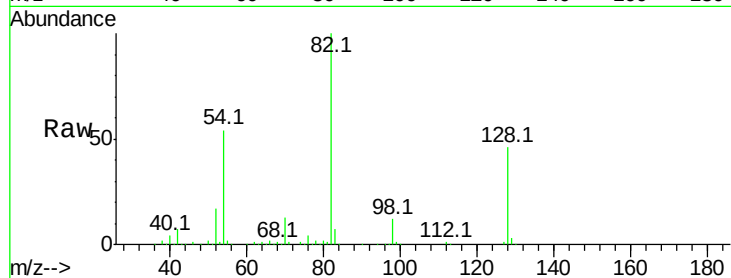




#23
 Nitrobenzene-d5
 Concen: 109.869 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

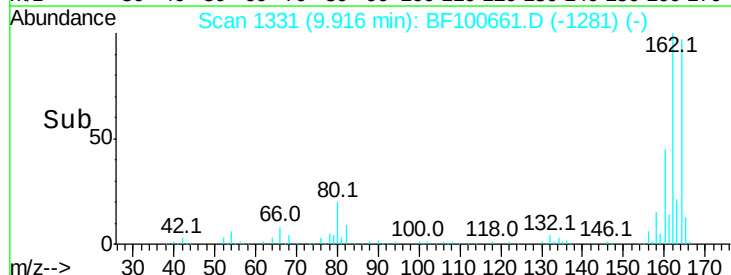
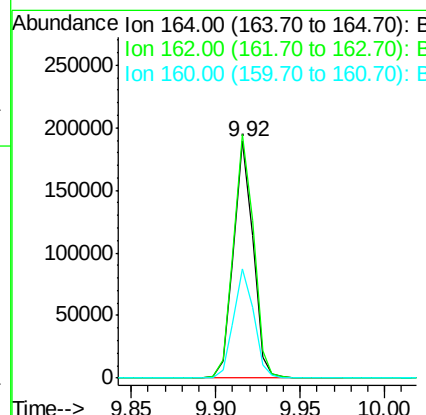
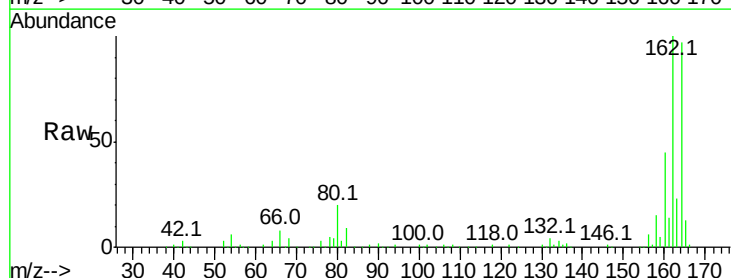
Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

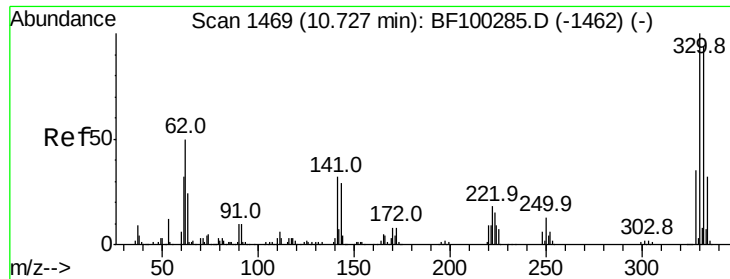
Tot Ion	82	Resp	586896
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion	164	Resp	152173
Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.2	38.3	57.5

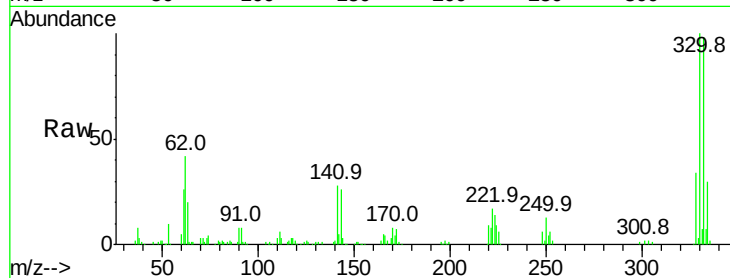




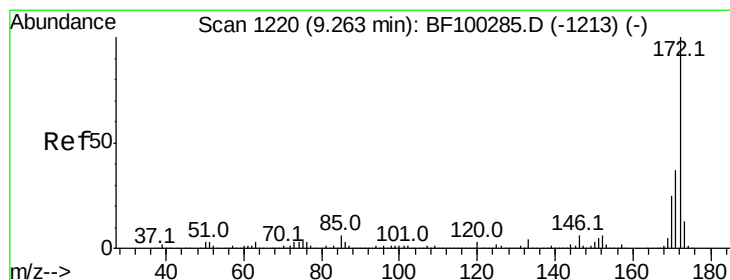
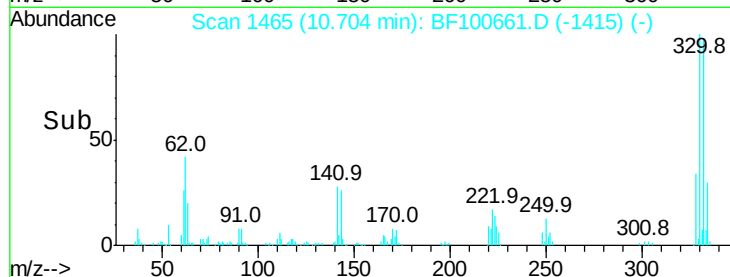
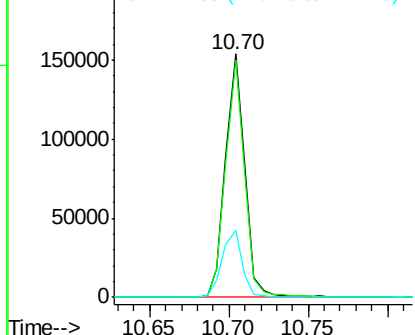
#41
 2,4,6-Tribromophenol
 Concen: 84.108 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Instrument :
 BNA_F
 ClientSampleId :
 111317-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.8	29.9	44.9#

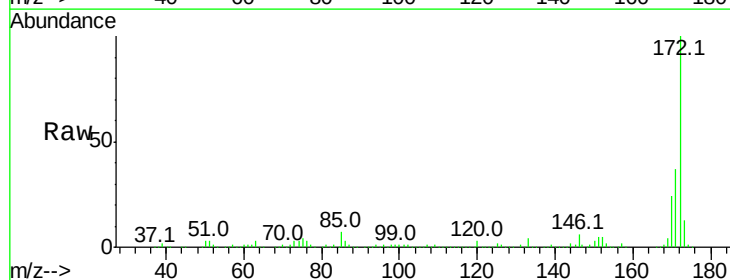


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

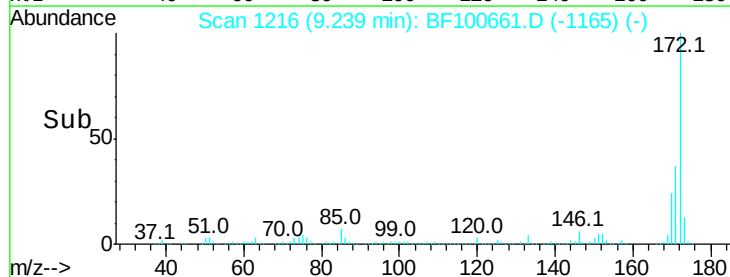
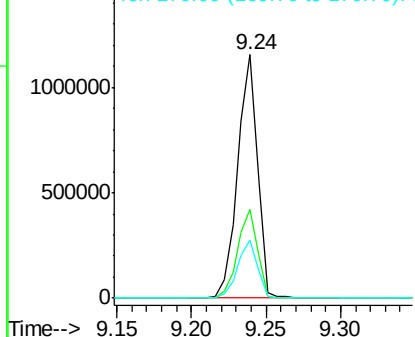


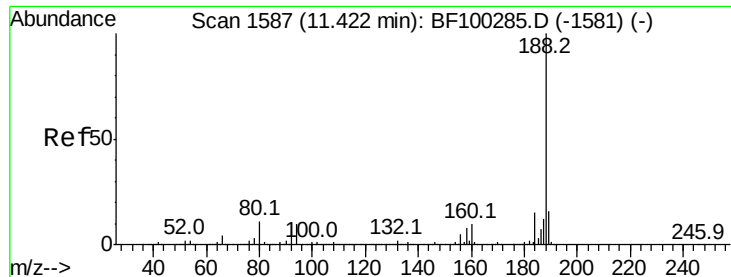
#44
 2-Fluorobiphenyl
 Concen: 108.109 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100661.D
 Acq: 17 Nov 2017 5:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	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: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

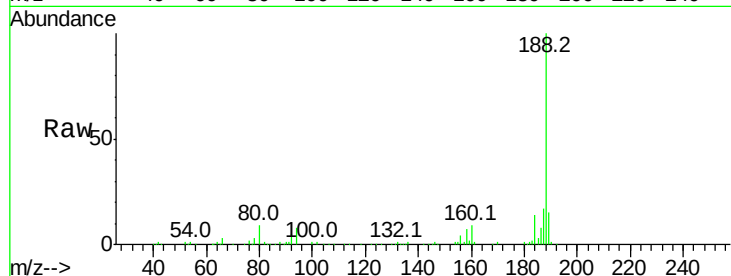
Tot Ion:188 Resp: 241121

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

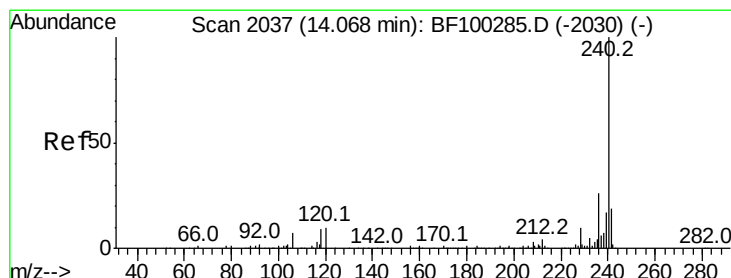
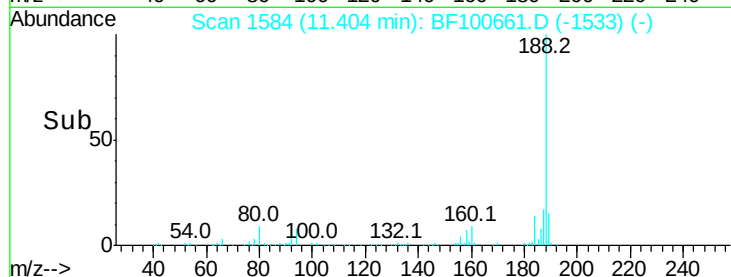
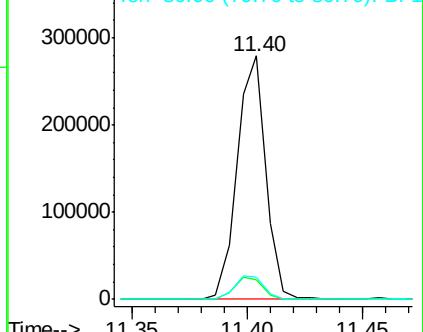
80 8.9 9.2 13.8#



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

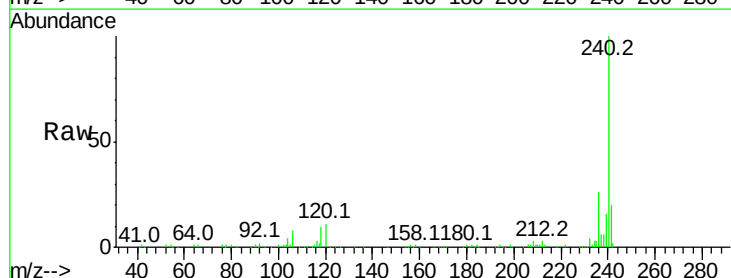
Tgt Ion:240 Resp: 204892

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

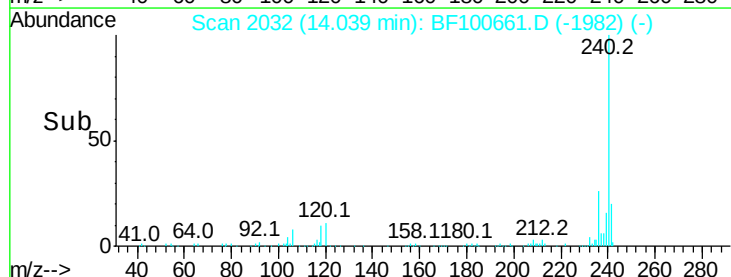
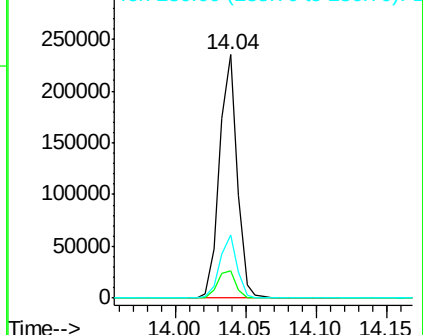
236 25.8 20.7 31.1

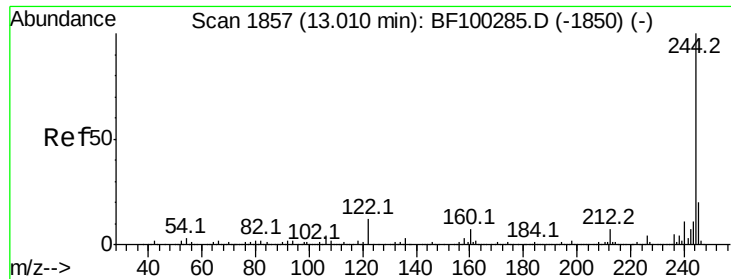


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.727 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-D-S

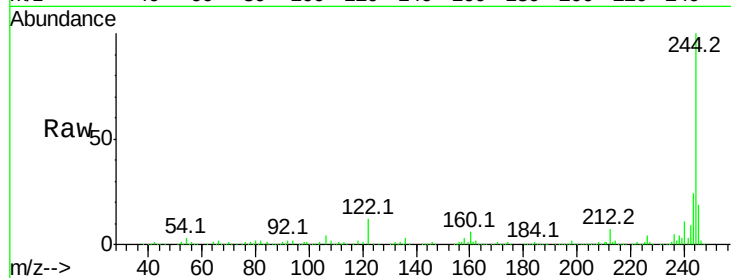
Tot Ion:244 Resp: 719866

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

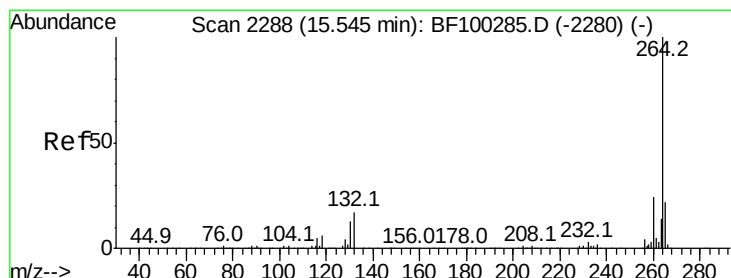
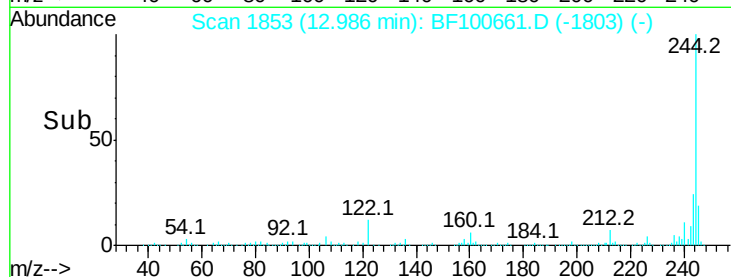
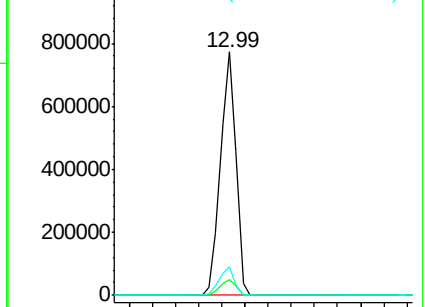
122 11.7 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100661.D

Acq: 17 Nov 2017 5:54

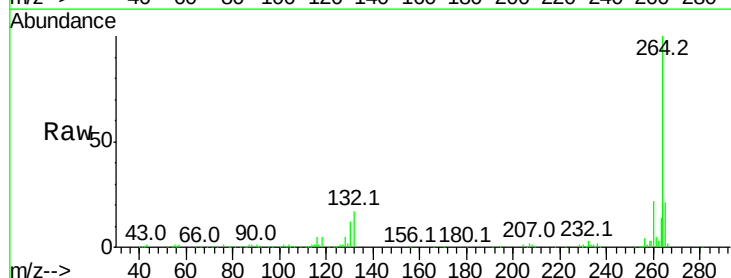
Tgt Ion:264 Resp: 206710

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.0 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

