

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100608.D
 Acq On : 16 Nov 2017 1:13
 Operator : SJ/JU
 Sample : I6426-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110917-SIDI-E-D-S

Quant Time: Nov 16 06:32:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	115483	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	442672	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188861	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	299426	20.00	ng	0.00
75) Chrysene-d12	14.04	240	213458	20.00	ng	-0.01
86) Perylene-d12	15.51	264	237507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	323740	44.94	ng	0.00
7) Phenol-d6	6.50	99	259788	29.24	ng	-0.02
23) Nitrobenzene-d5	7.45	82	674904	100.80	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	155313	80.70	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1196441	96.46	ng	0.00
78) Terphenyl-d14	12.99	244	773676	83.28	ng	0.00

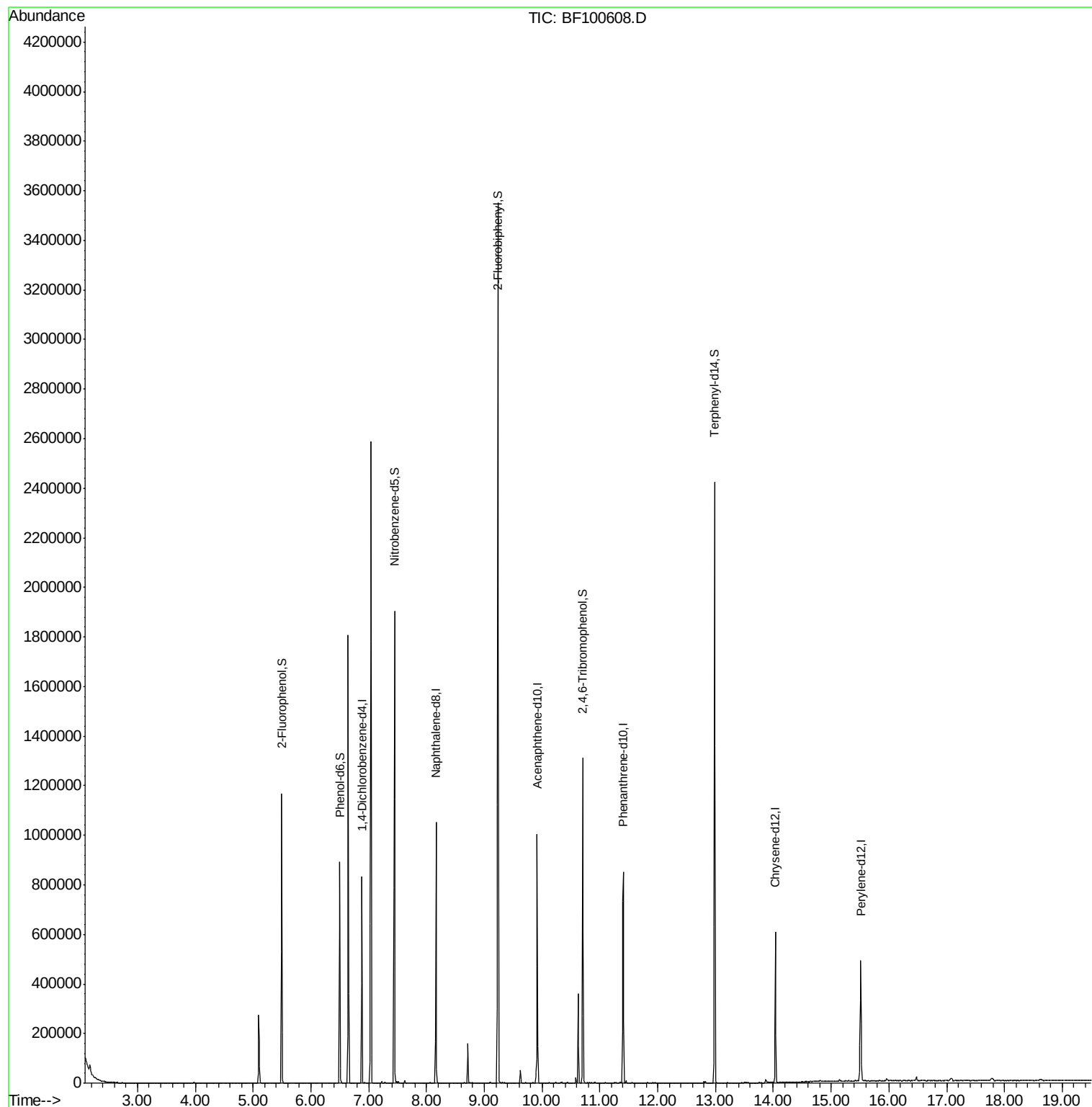
Target Compounds	Qvalue
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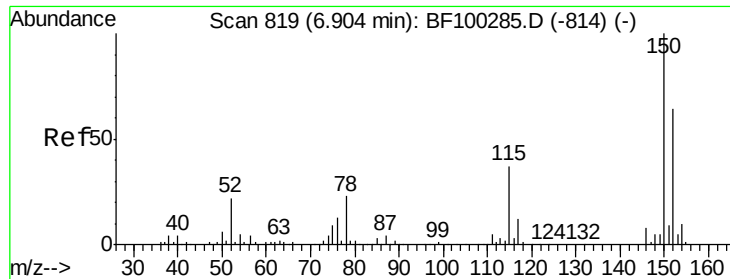
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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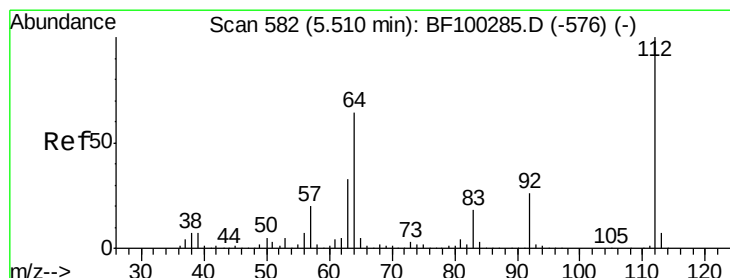
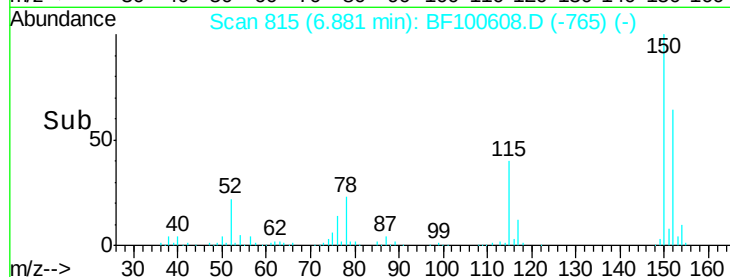
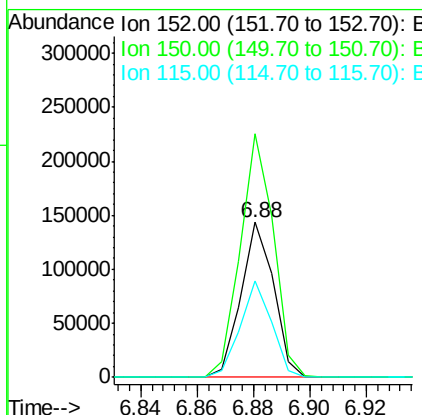
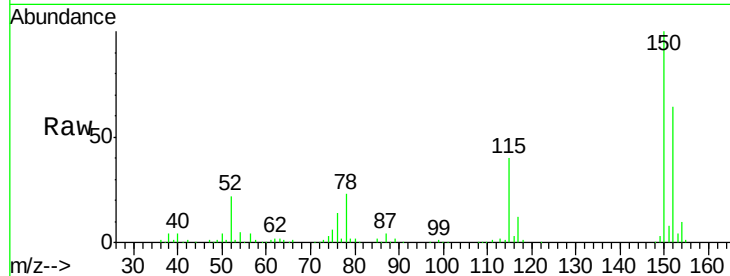




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

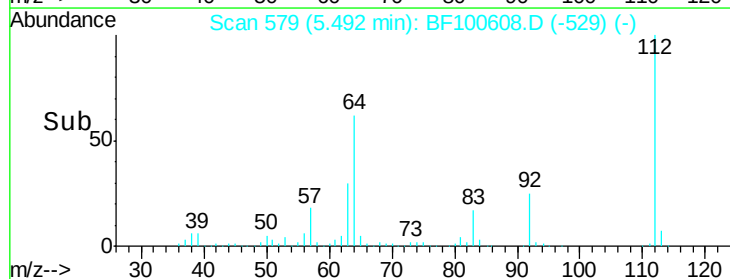
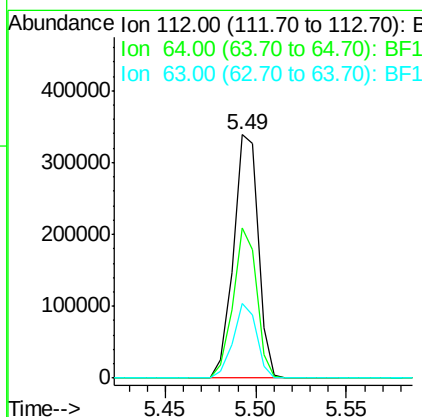
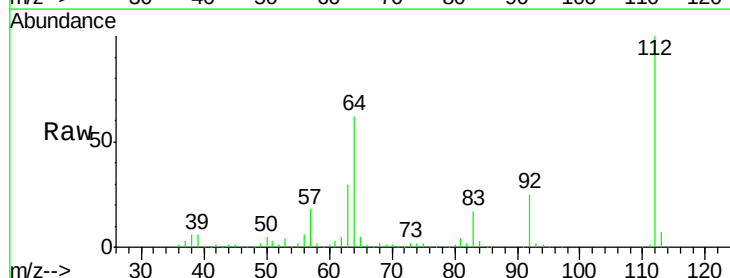
Instrument :
 BNA_F
 ClientSampleId :
 110917-SIDI-E-D-S

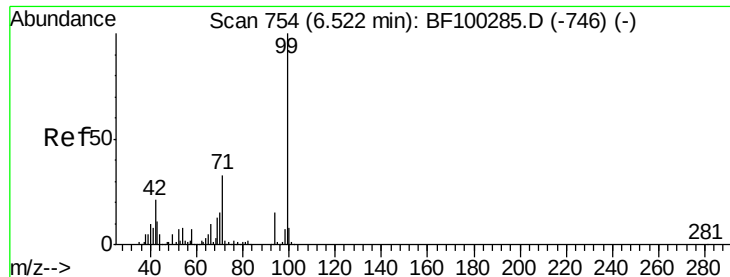
Tgt Ion:152 Resp: 115483
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 62.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 44.937 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

Tgt Ion:112 Resp: 323740
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.9 71.9
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 29.243 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100608.D

Acq: 16 Nov 2017 1:13

Instrument :

BNA_F

ClientSampleId :

110917-SIDI-E-D-S

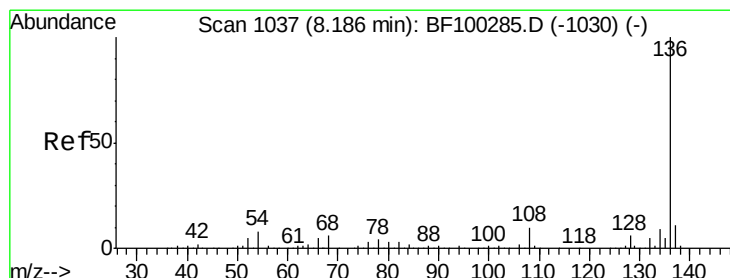
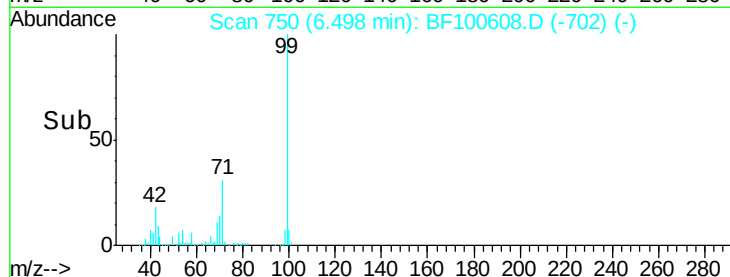
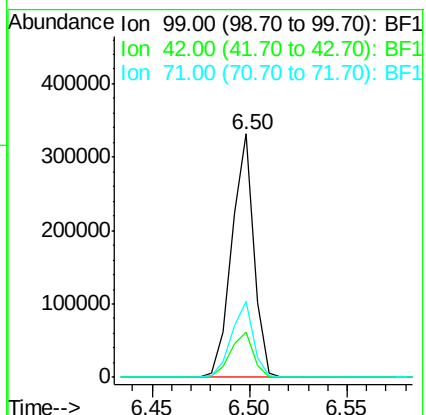
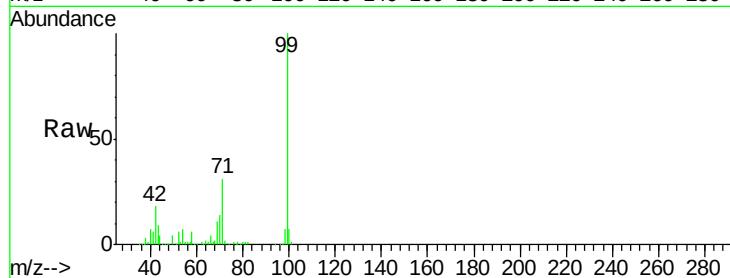
Tgt Ion: 99 Resp: 259788

Ion Ratio Lower Upper

99 100

42 18.3 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: BF100608.D

Acq: 16 Nov 2017 1:13

Tgt Ion: 136 Resp: 442672

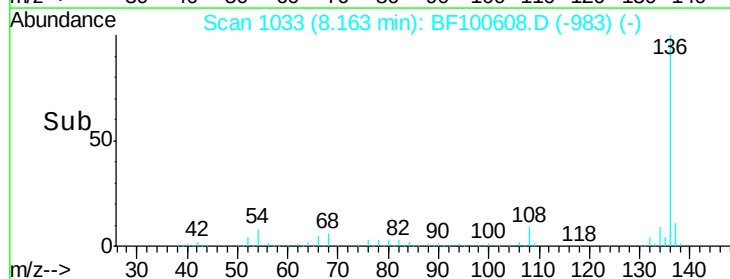
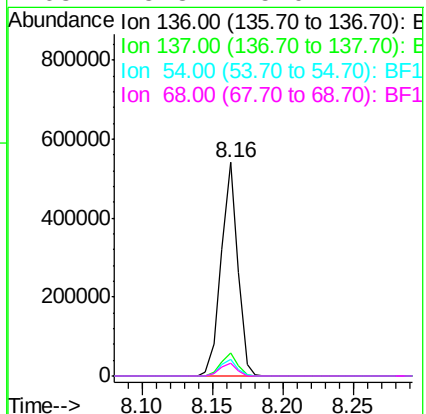
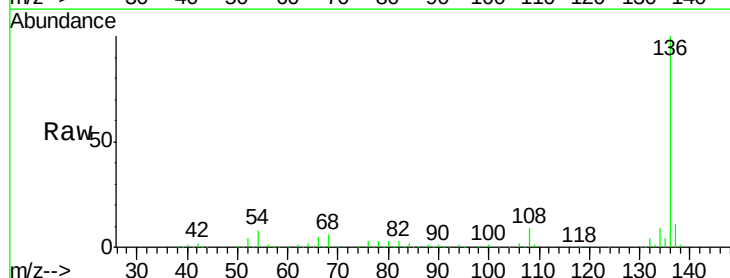
Ion Ratio Lower Upper

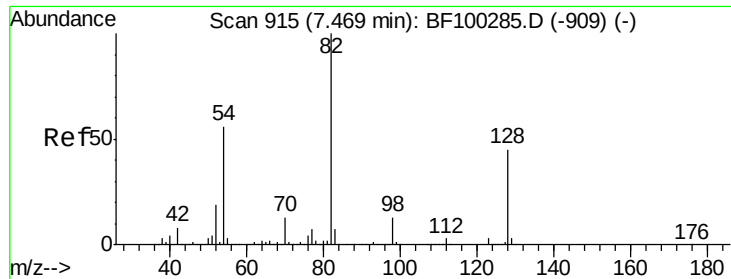
136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.8 5.0 7.4

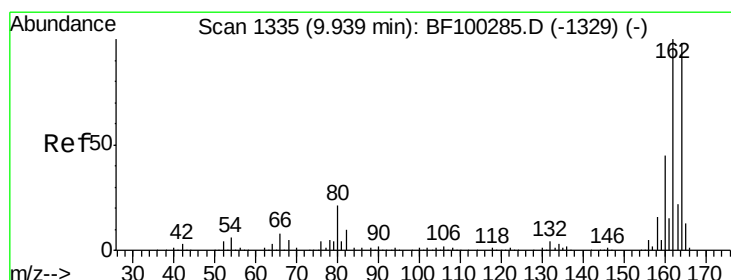
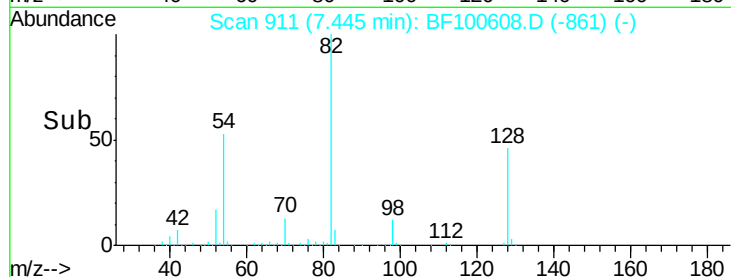
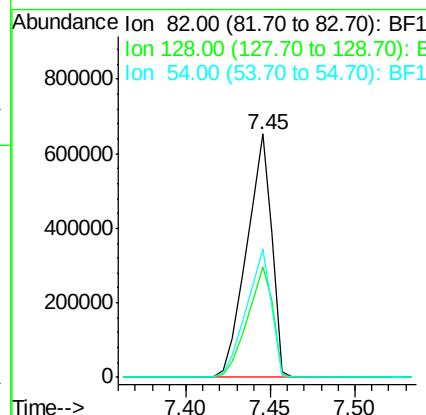
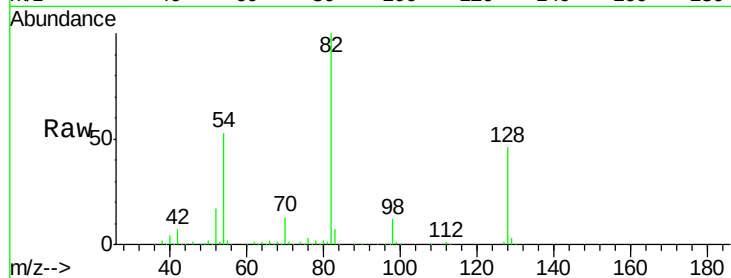




#23
 Nitrobenzene-d5
 Concen: 100.797 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

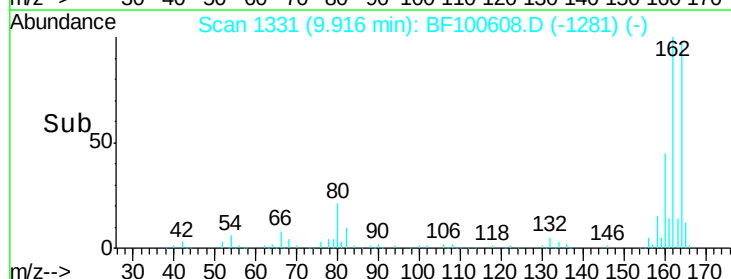
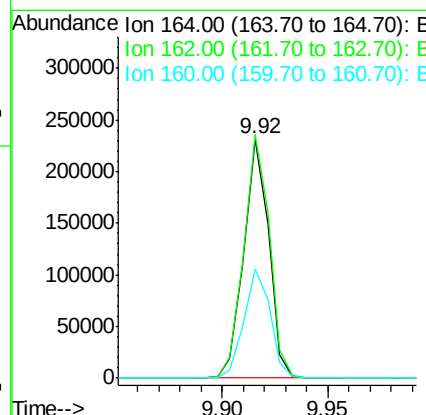
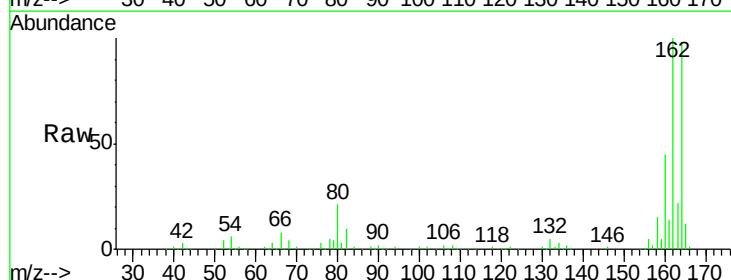
Instrument :
 BNA_F
 ClientSampleId :
 110917-SIDI-E-D-S

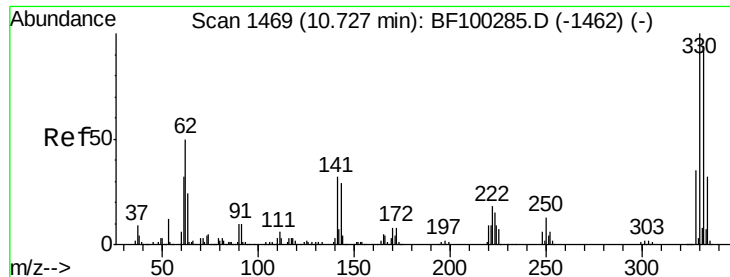
Tgt Ion: 82 Resp: 674904
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 52.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

Tgt Ion: 164 Resp: 188861
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 45.9 38.3 57.5

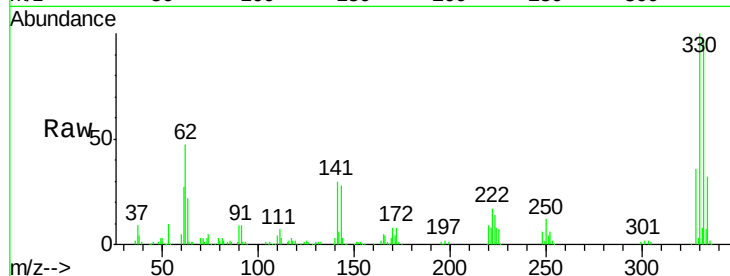




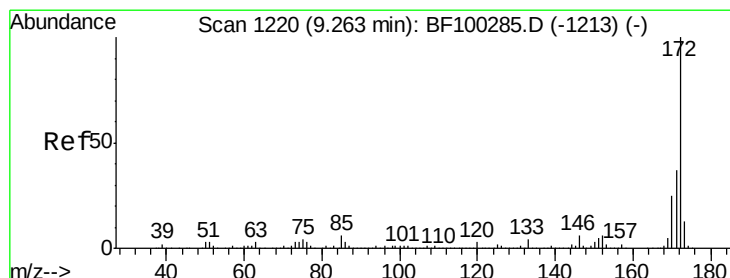
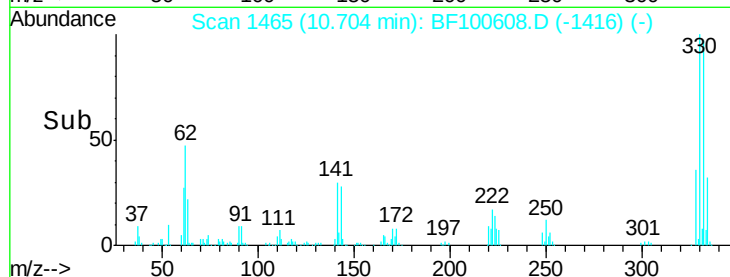
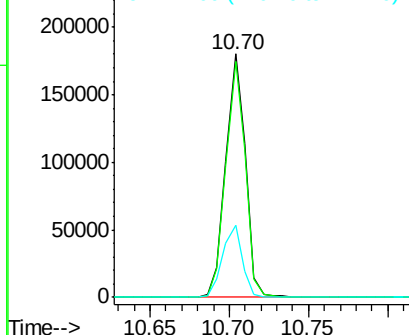
#41
 2,4,6-Tribromophenol
 Concen: 80.703 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :
 110917-SIDI-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.8	29.9	44.9#

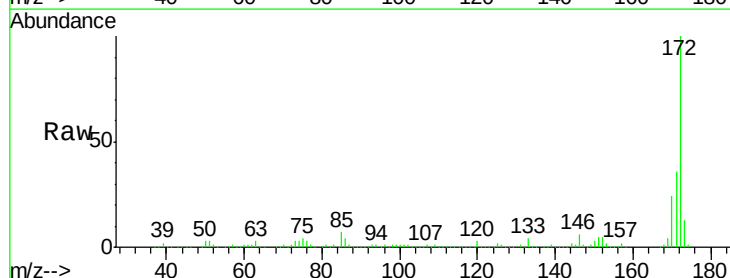


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

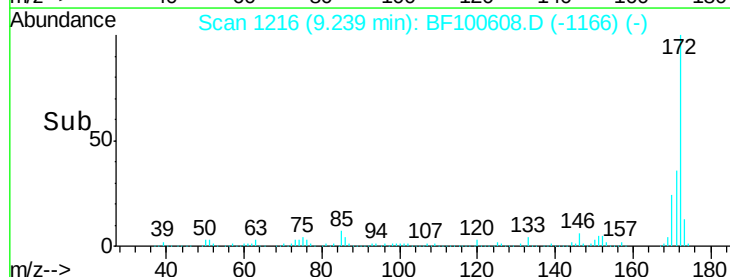
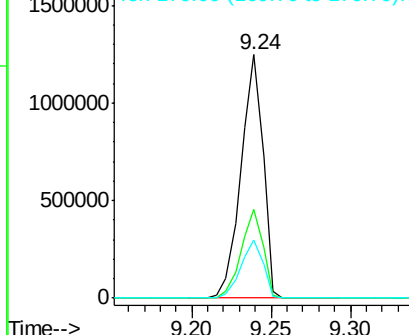


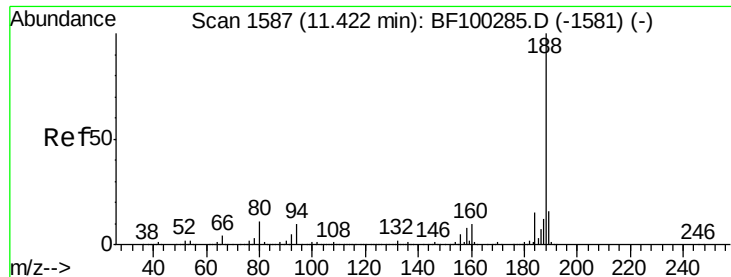
#44
 2-Fluorobiphenyl
 Concen: 96.464 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100608.D
 Acq: 16 Nov 2017 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

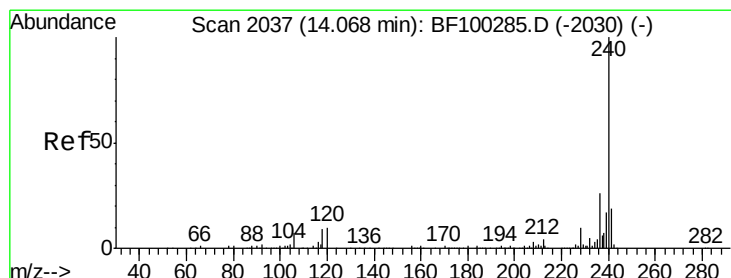
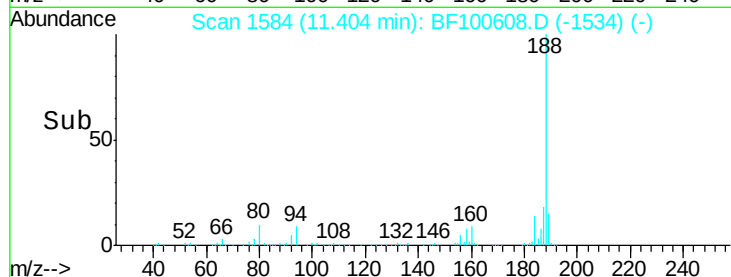
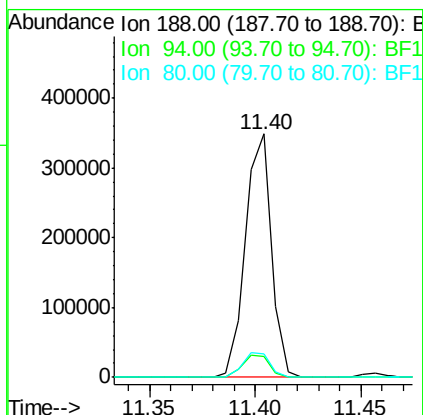
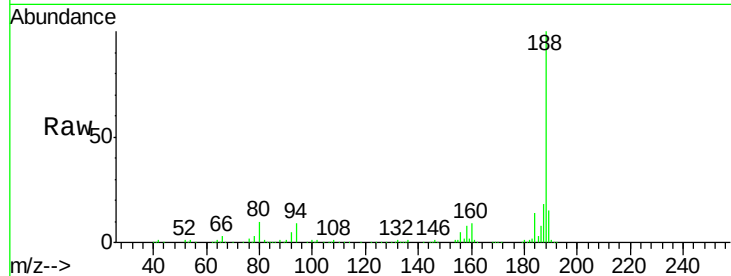




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100608.D
Acq: 16 Nov 2017 1:13

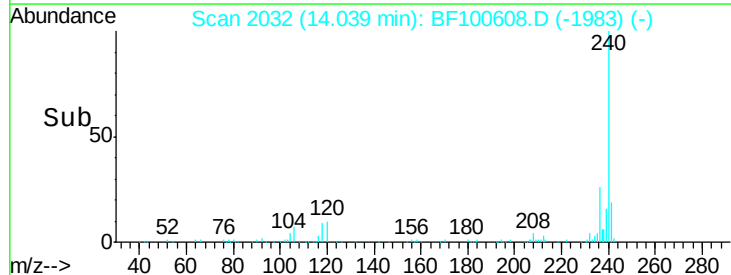
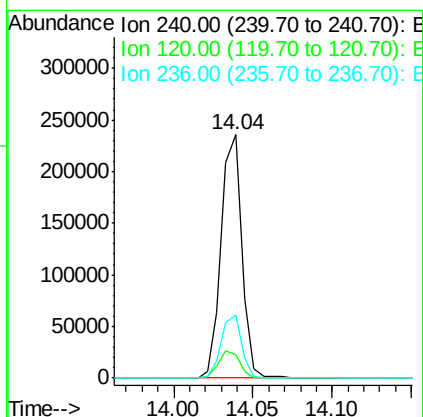
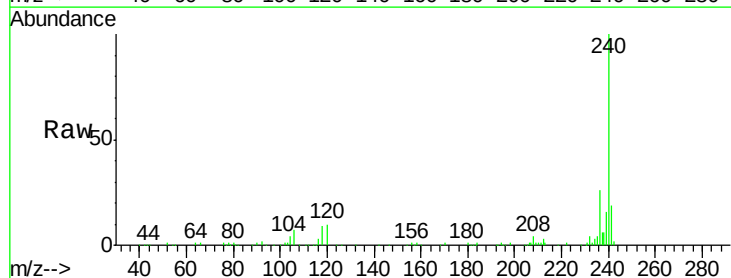
Instrument :
BNA_F
ClientSampleId :
110917-SIDI-E-D-S

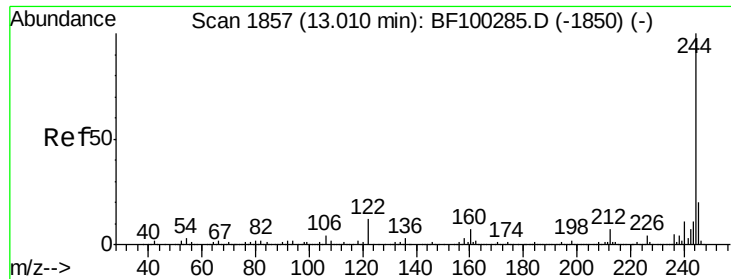
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100608.D
Acq: 16 Nov 2017 1:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.1	20.7	31.1





#78

Terphenyl-d14

Concen: 83.280 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100608.D

Acq: 16 Nov 2017 1:13

Instrument :

BNA_F

ClientSampleId :

110917-SIDI-E-D-S

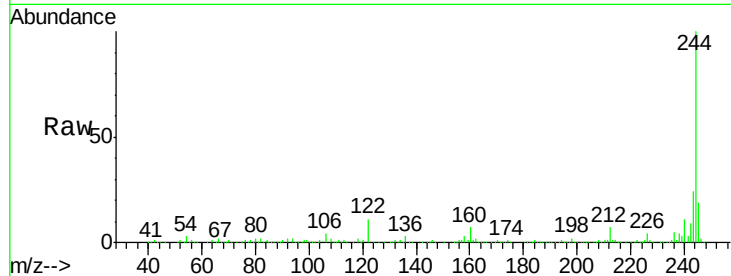
Tgt Ion:244 Resp: 773676

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

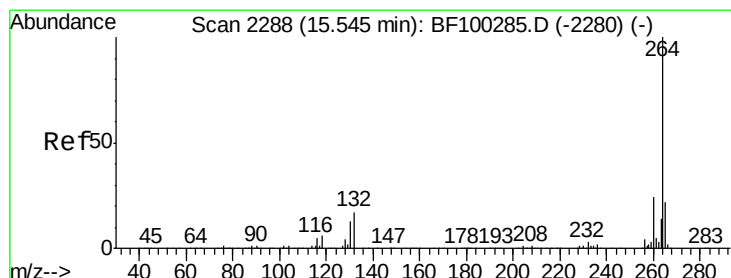
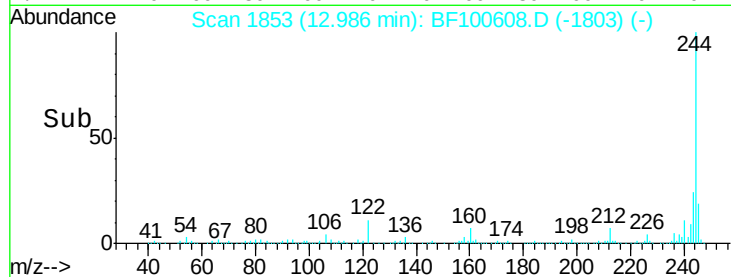
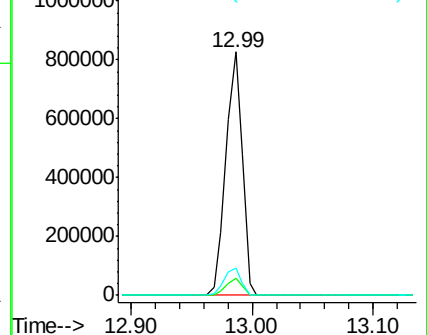
122 11.3 11.0 16.4



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: BF100608.D

Acq: 16 Nov 2017 1:13

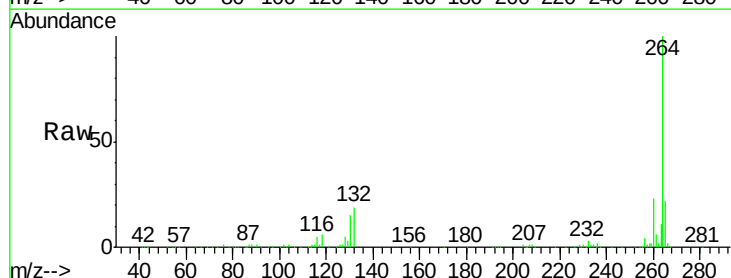
Tgt Ion:264 Resp: 237507

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

