

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100663.D
 Acq On : 17 Nov 2017 6:47
 Operator : SJ/JU
 Sample : I6491-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Nov 17 07:30:47 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	97764	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	365078	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150077	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	232702	20.00	ng	0.00
75) Chrysene-d12	14.04	240	211485	20.00	ng	0.00
86) Perylene-d12	15.52	264	217053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	226631	37.16	ng	0.00
7) Phenol-d6	6.50	99	163315	21.72	ng	-0.01
23) Nitrobenzene-d5	7.45	82	534774	96.84	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	110963	72.56	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1000670	101.53	ng	0.00
78) Terphenyl-d14	12.99	244	649743	70.59	ng	0.00

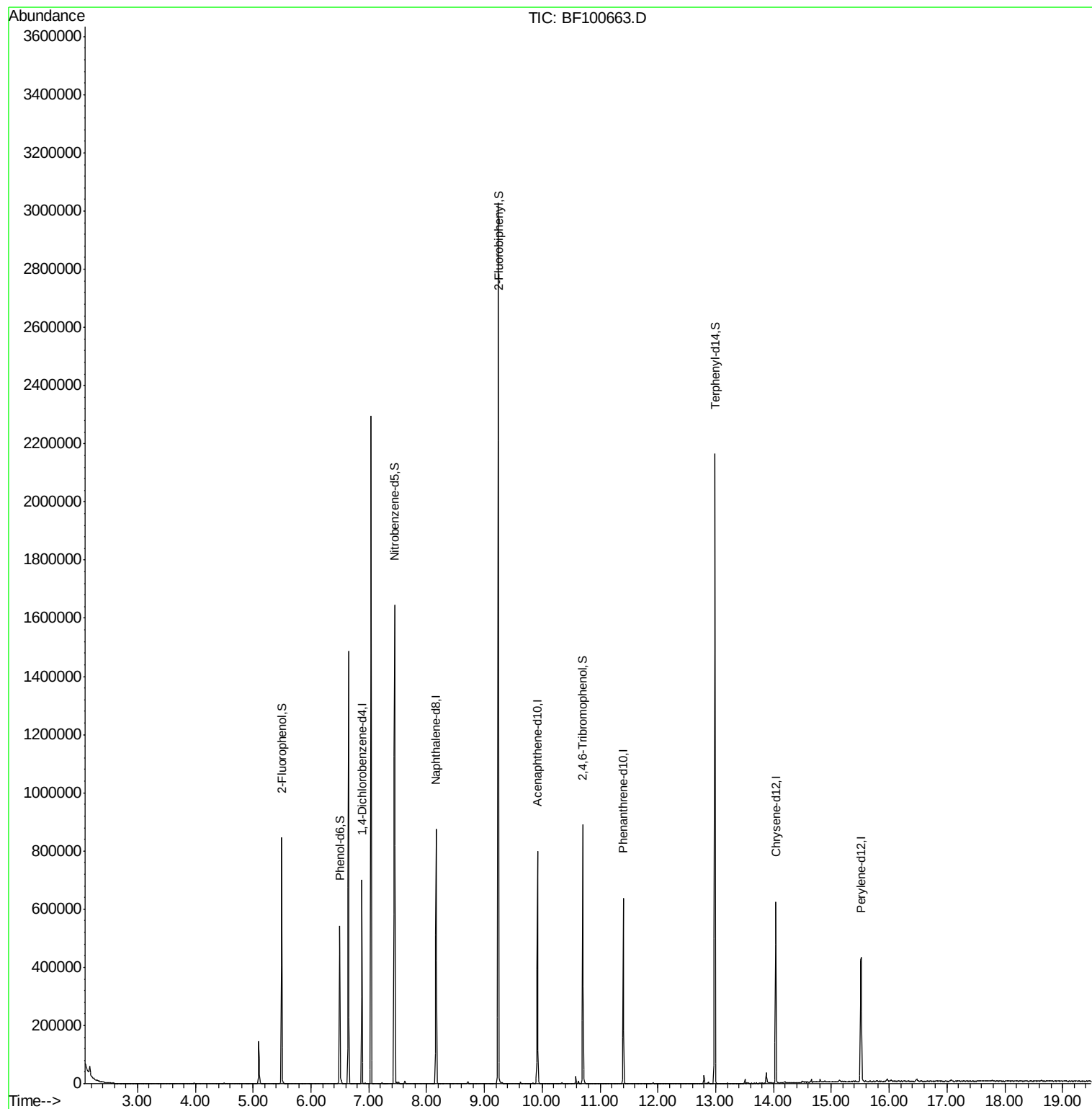
Target Compounds Qvalue

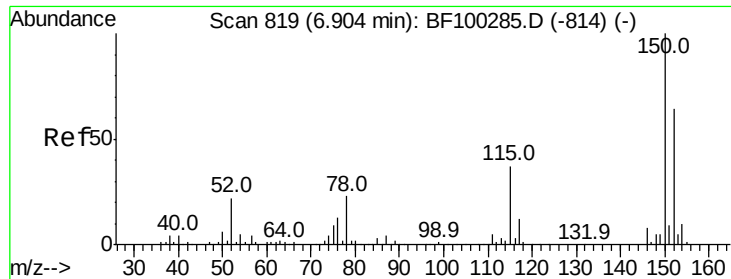
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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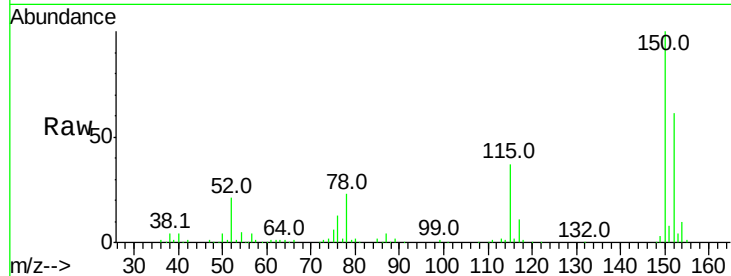


#1

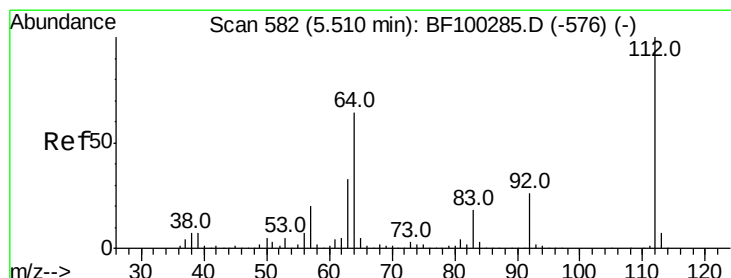
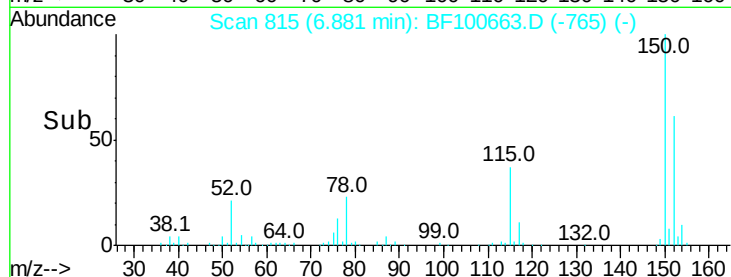
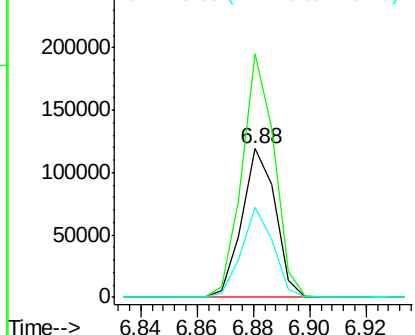
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

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

Tot Ion:152 Resp: 97764
Ion Ratio Lower Upper
152 100
150 164.2 124.6 186.8
115 60.3 50.1 75.1



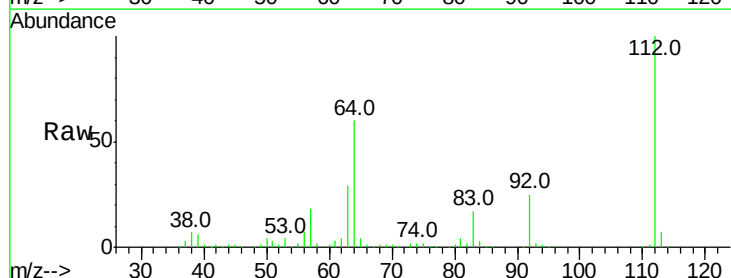
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



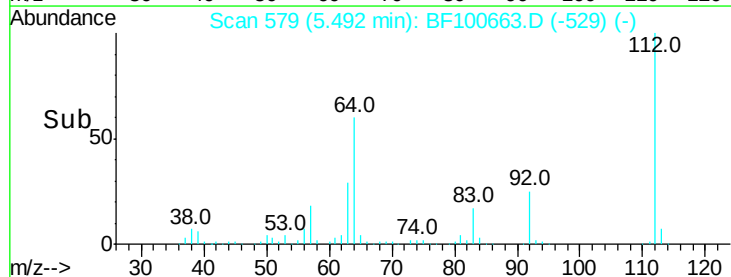
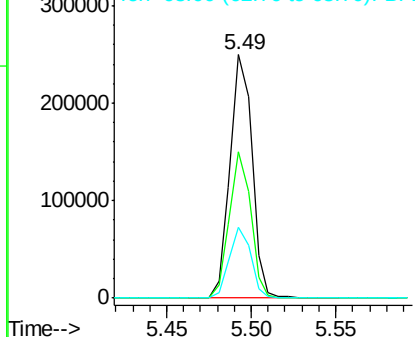
#5

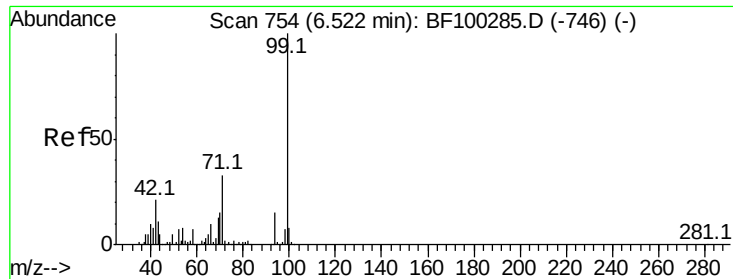
2-Fluorophenol
Concen: 37.160 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Tgt Ion:112 Resp: 226631
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.3 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: 21.715 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

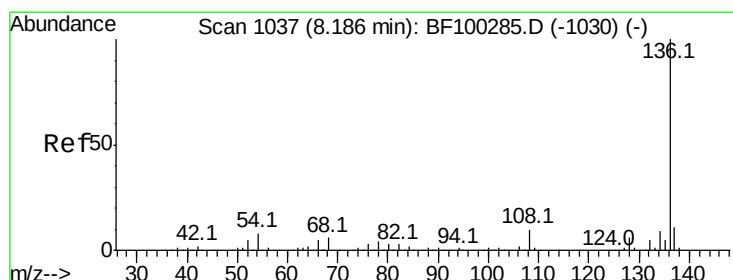
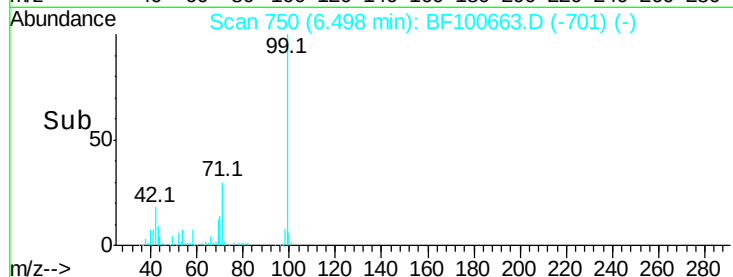
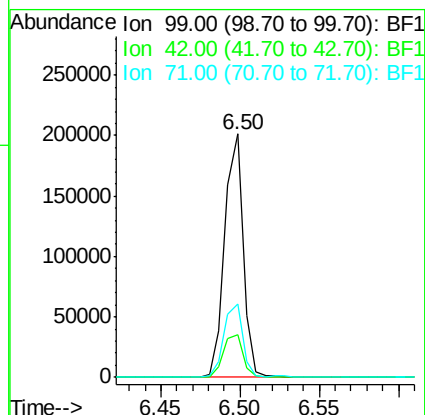
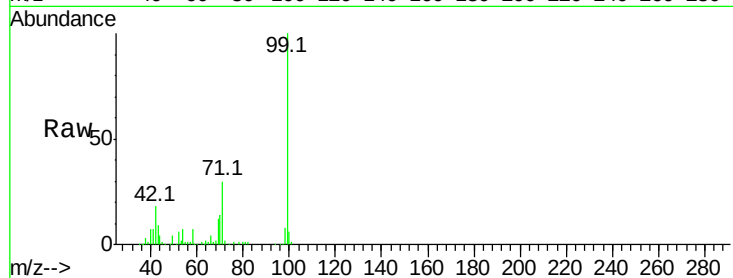
Tot Ion: 99 Resp: 163315

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 29.9 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: BF100663.D

Acq: 17 Nov 2017 6:47

Tgt Ion: 136 Resp: 365078

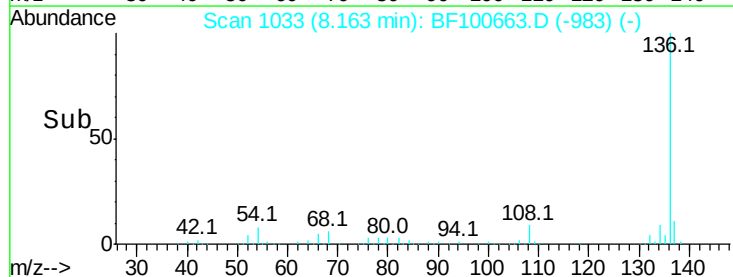
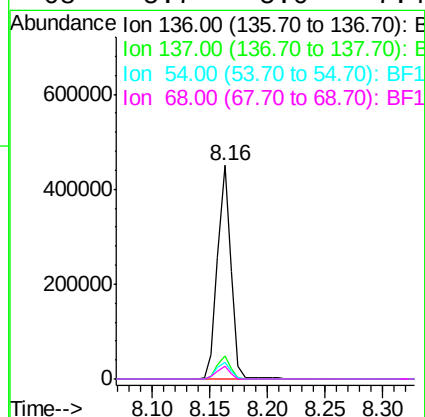
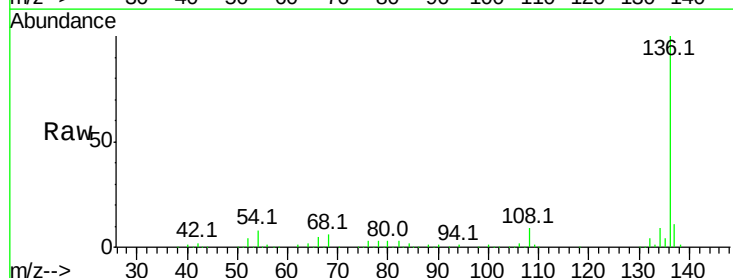
Ion Ratio Lower Upper

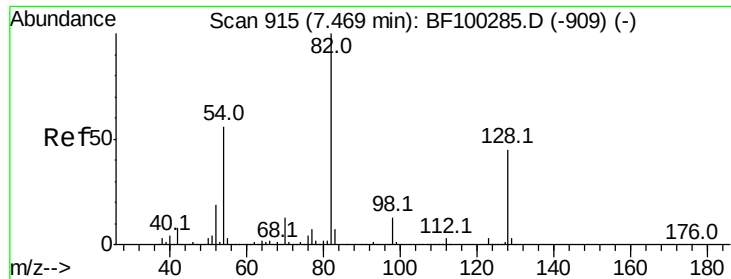
136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.844 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

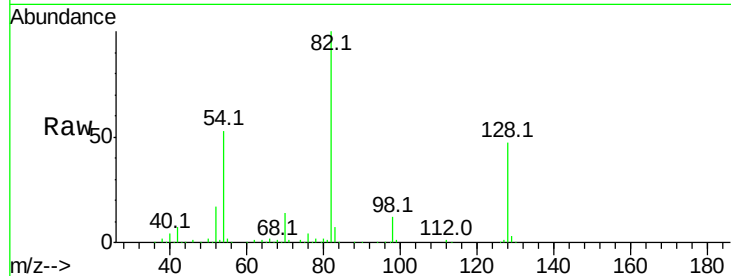
Tot Ion: 82 Resp: 534774

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

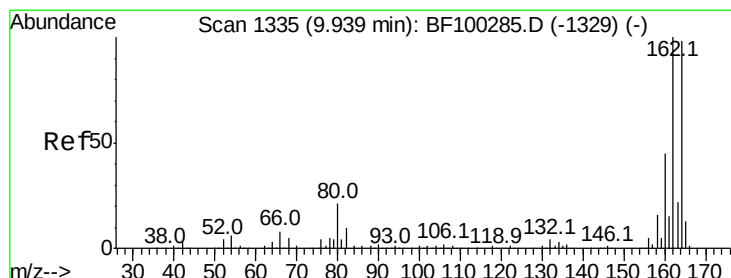
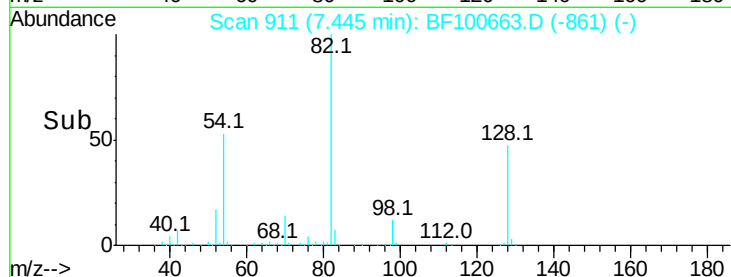
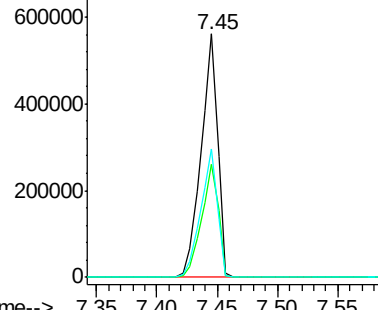
54 52.8 41.4 62.2



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

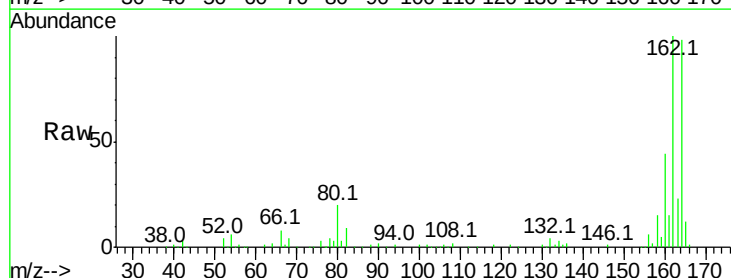
Tgt Ion: 164 Resp: 150077

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

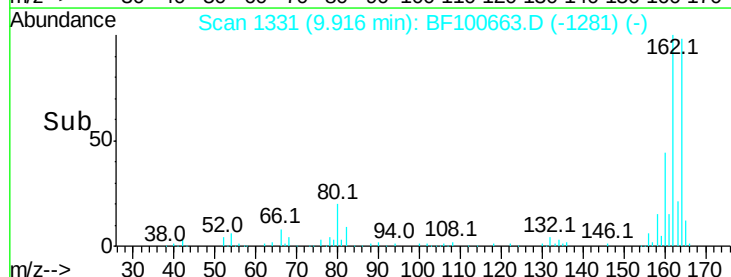
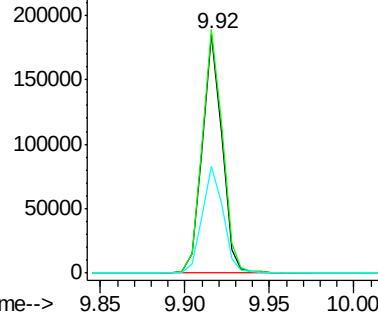
160 44.8 38.3 57.5

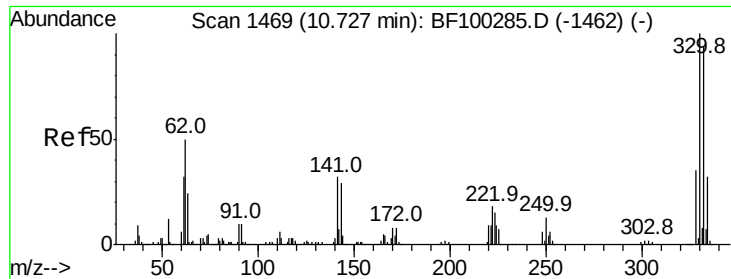


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

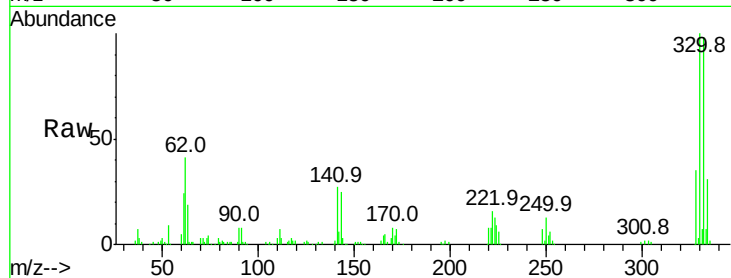




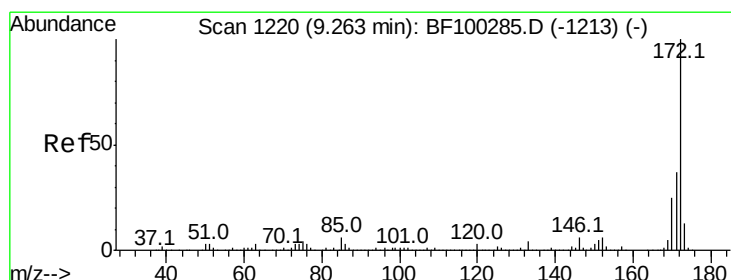
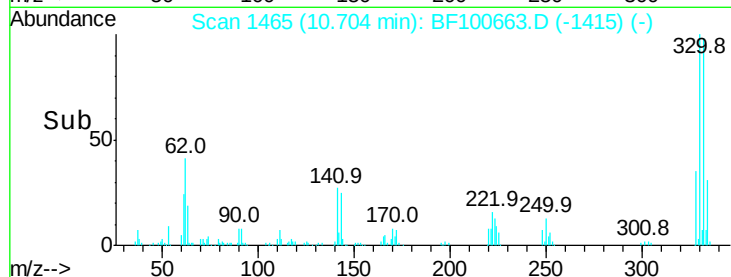
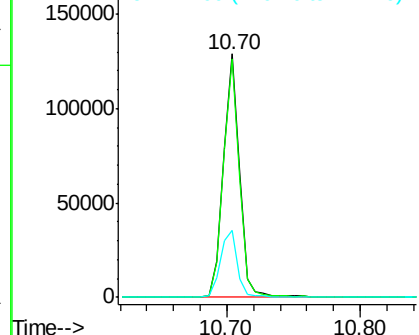
#41
 2,4,6-Tribromophenol
 Concen: 72.559 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.7	29.9	44.9#

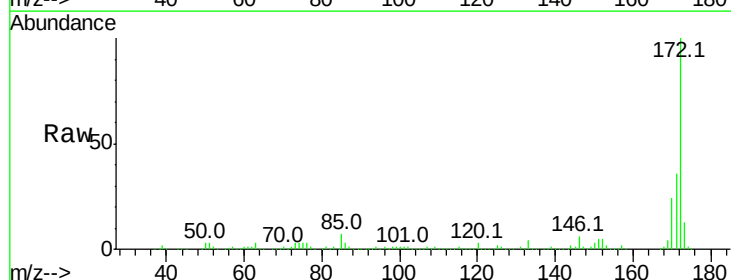


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

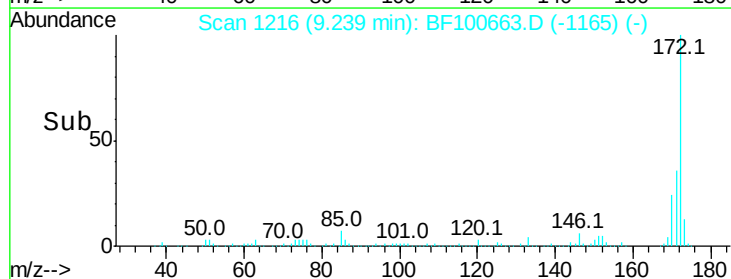
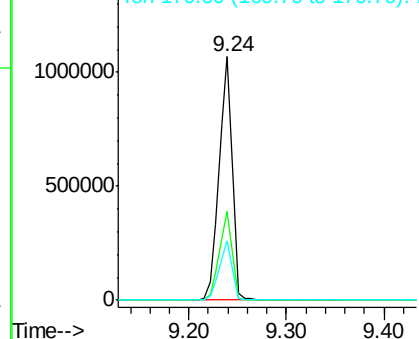


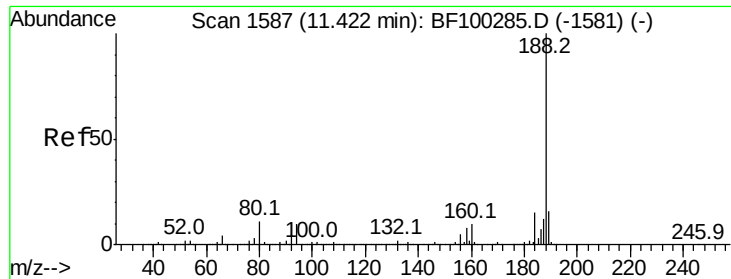
#44
 2-Fluorobiphenyl
 Concen: 101.530 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	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

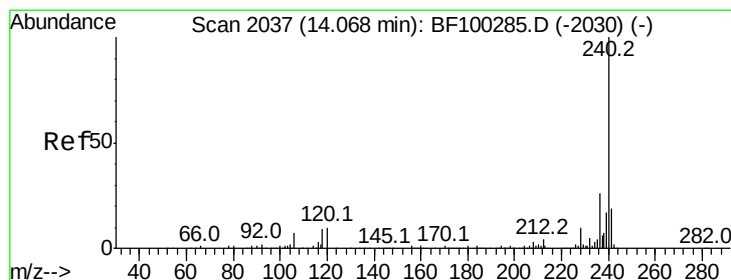
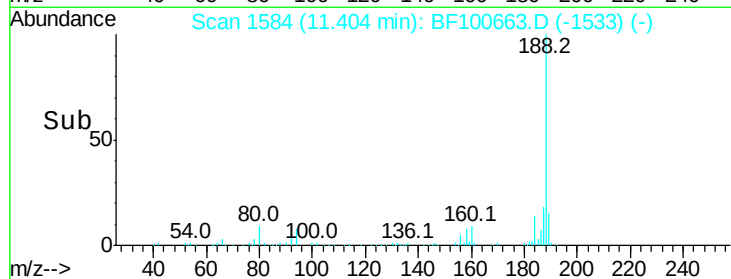
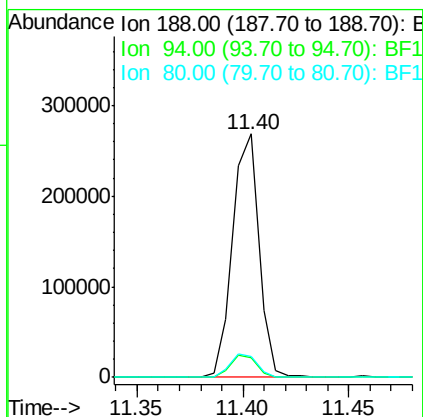
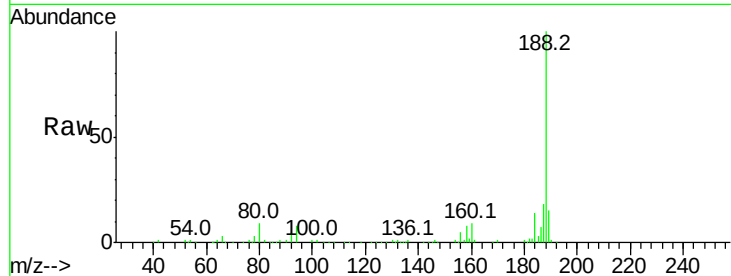




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

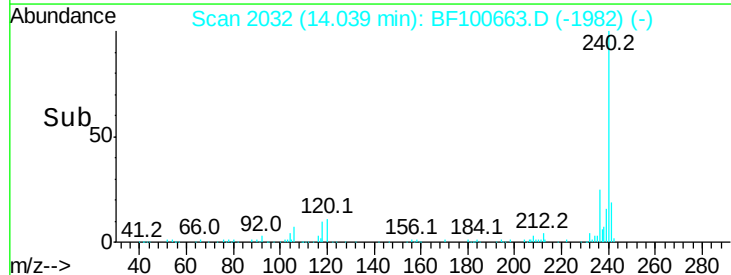
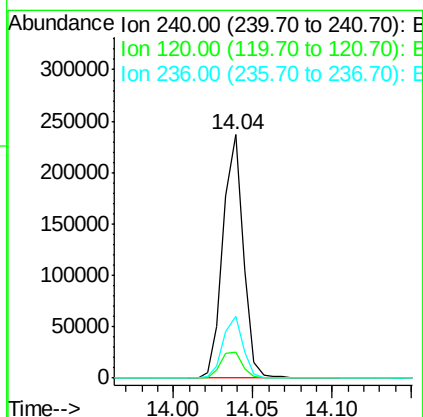
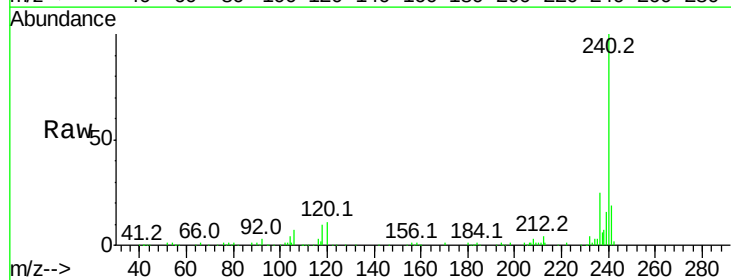
Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-U-S

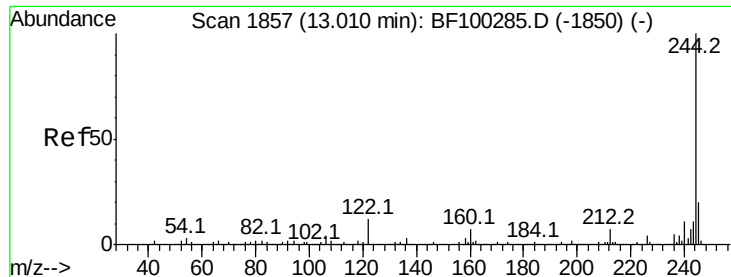
Tot Ion:188 Resp: 232702
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Tgt Ion:240 Resp: 211485
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 70.592 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

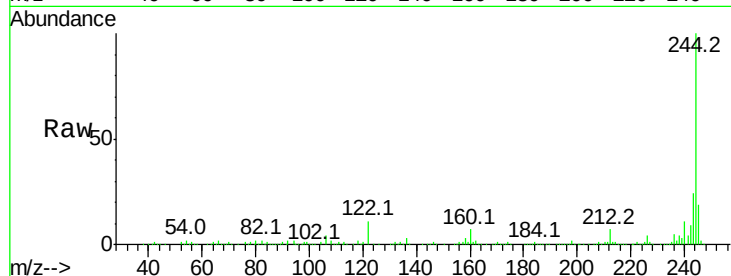
Tot Ion:244 Resp: 649743

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

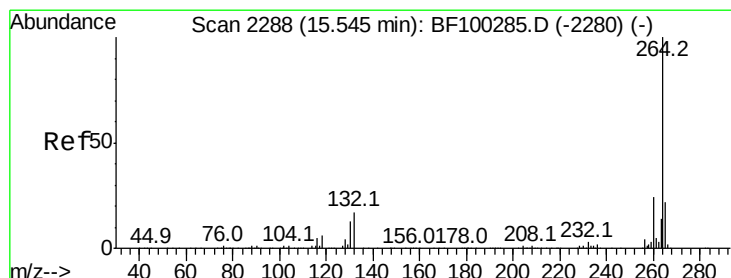
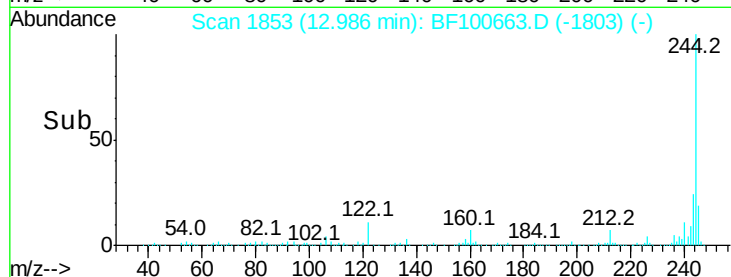
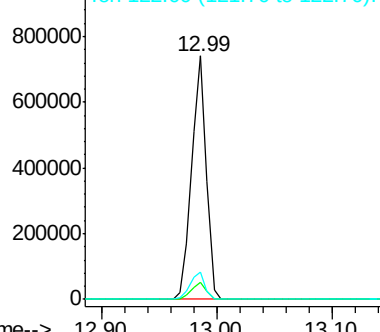
122 11.4 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

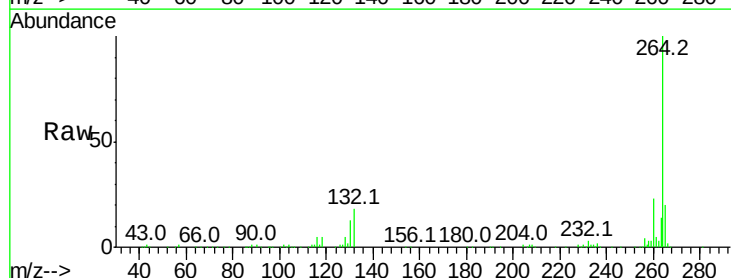
Tgt Ion:264 Resp: 217053

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.4 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

