

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100870.D
 Acq On : 23 Nov 2017 12:52
 Operator : SJ/JU
 Sample : I6567-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112017-TIDO-F-D-S

Quant Time: Nov 25 00:33:13 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	6.86	152	83342	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	320402	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	148165	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	251978	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	157923	20.00	ng	-0.02
86) Perylene-d12	15.49	264	175214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	201932	38.84	ng	-0.02
7) Phenol-d6	6.48	99	148995	23.24	ng	-0.03
23) Nitrobenzene-d5	7.43	82	508765	104.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	134407	89.02	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	991708	101.92	ng	-0.02
78) Terphenyl-d14	12.97	244	658828	95.86	ng	-0.02

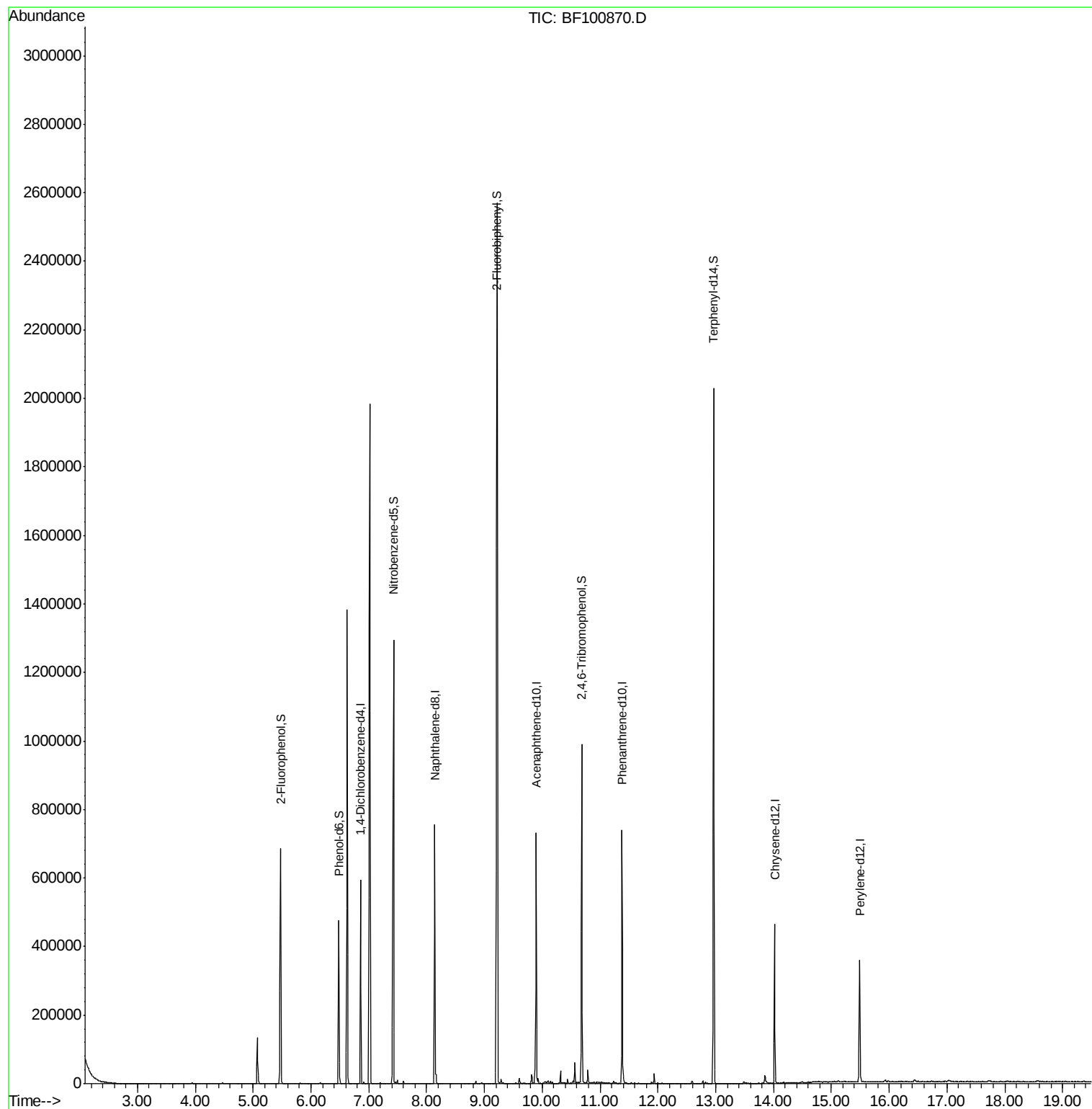
Target Compounds Qvalue

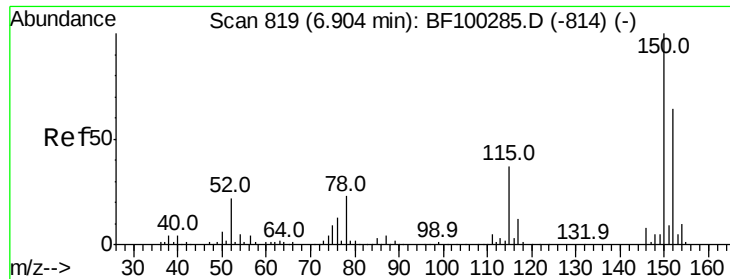
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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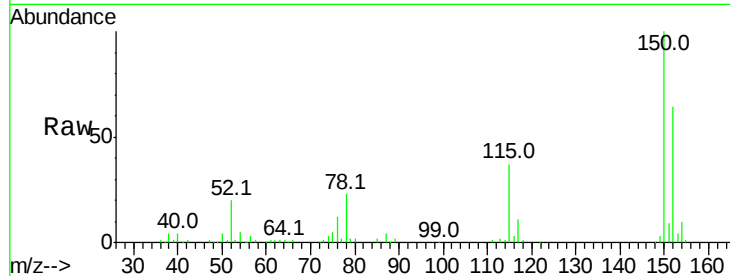


#1

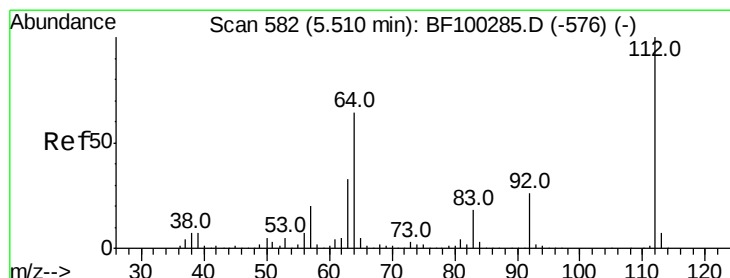
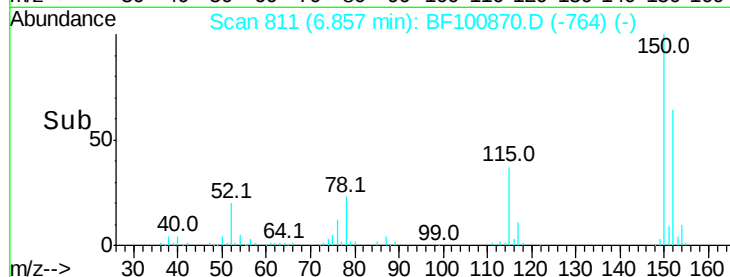
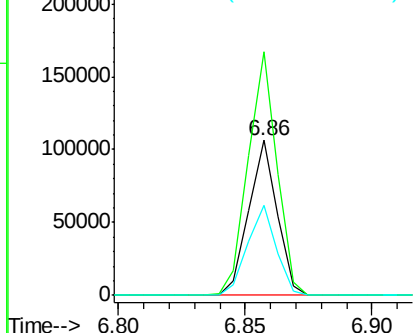
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampleId :
112017-TIDO-F-D-S

Tot Ion:152 Resp: 83342
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.3 50.1 75.1



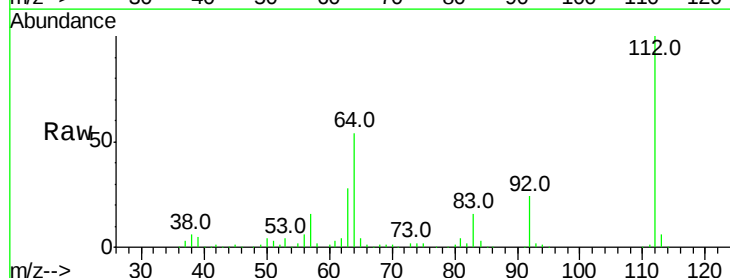
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



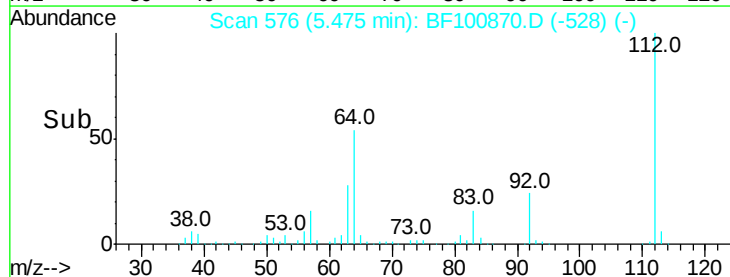
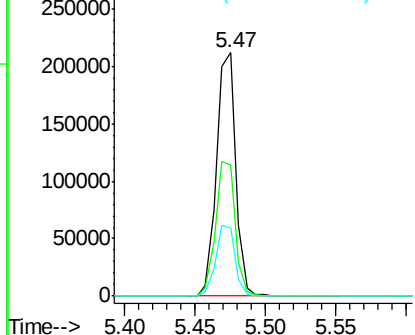
#5

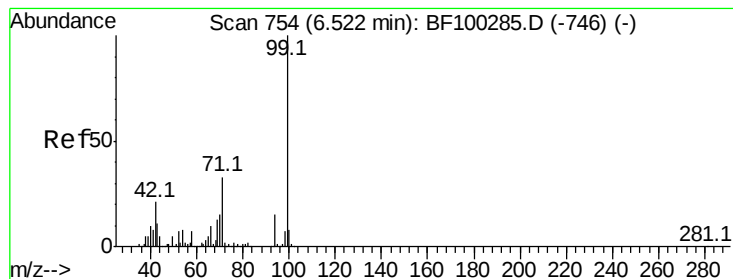
2-Fluorophenol
Concen: 38.839 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:112 Resp: 201932
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 28.2 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: 23.240 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

112017-TIDO-F-D-S

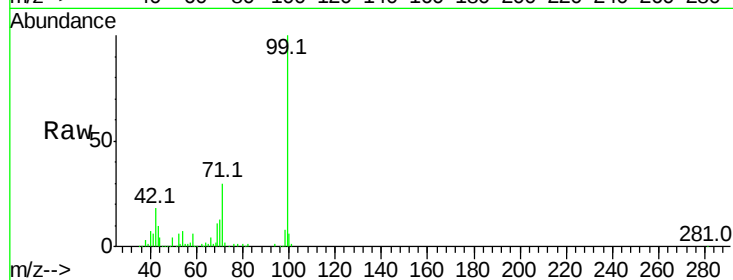
Tot Ion: 99 Resp: 148995

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

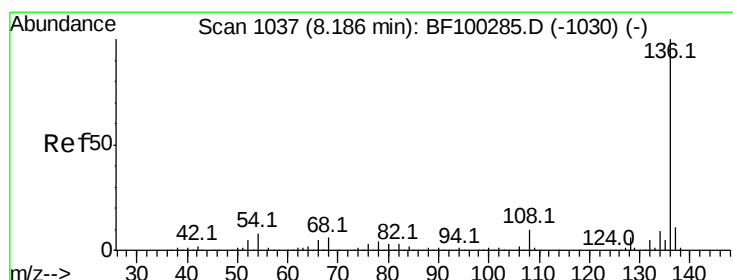
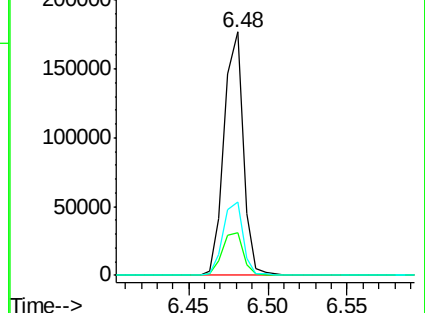
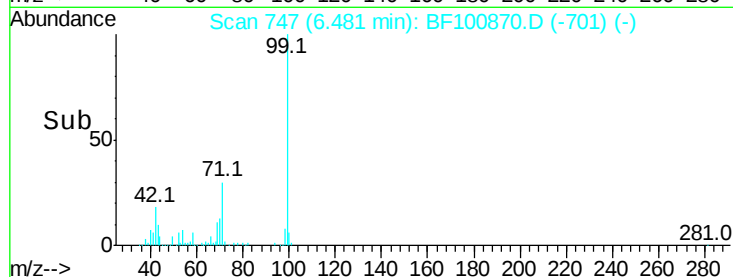
71 30.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Tgt Ion: 136 Resp: 320402

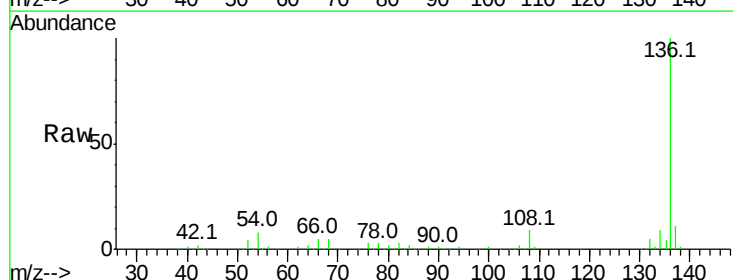
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

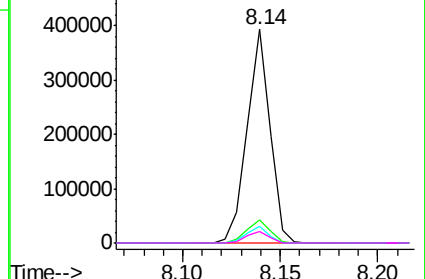
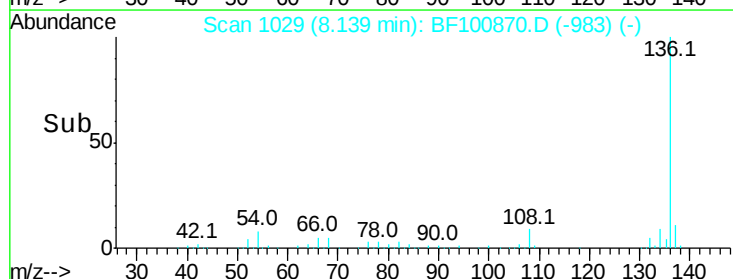


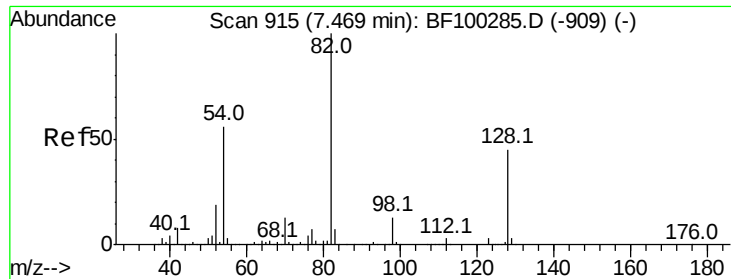
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

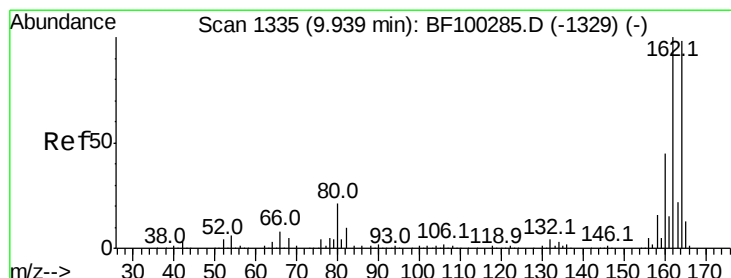
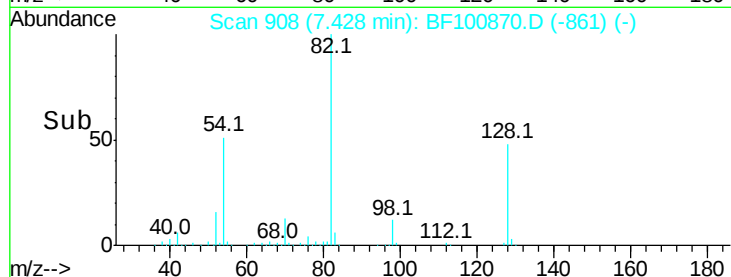
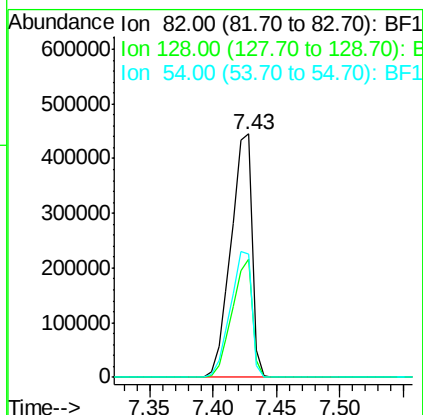
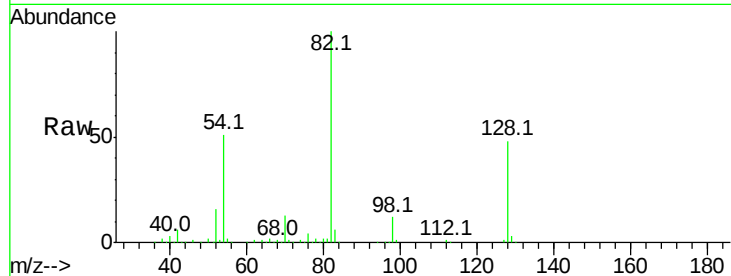




#23
 Nitrobenzene-d5
 Concen: 104.981 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

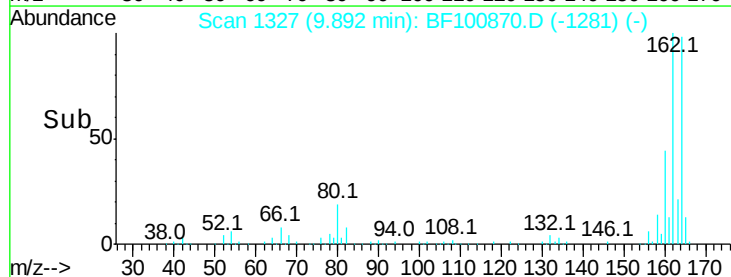
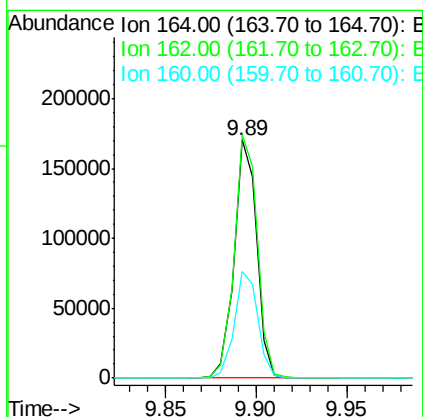
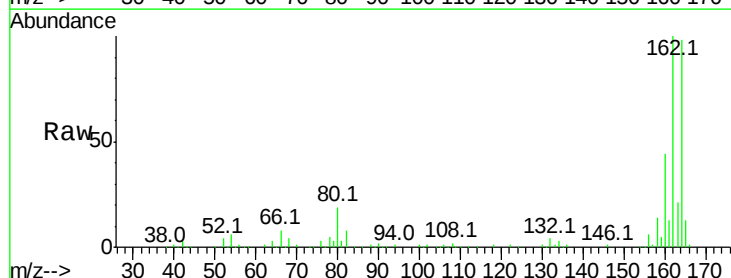
Instrument :
 BNA_F
 ClientSampleId :
 112017-TIDO-F-D-S

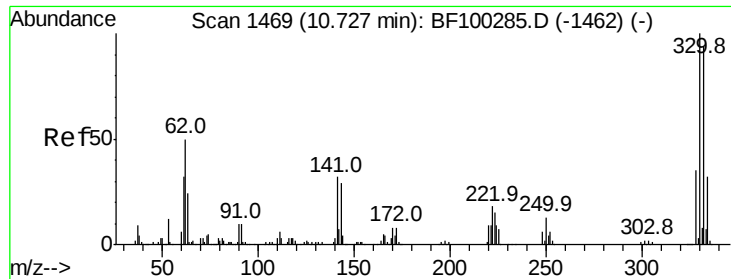
Tot Ion	82	Resp	508765
Ion Ratio	100	Lower	Upper
128	48.4	36.1	54.1
54	50.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion	164	Resp	148165
Ion Ratio	100	Lower	Upper
162	102.2	86.1	129.1
160	45.0	38.3	57.5

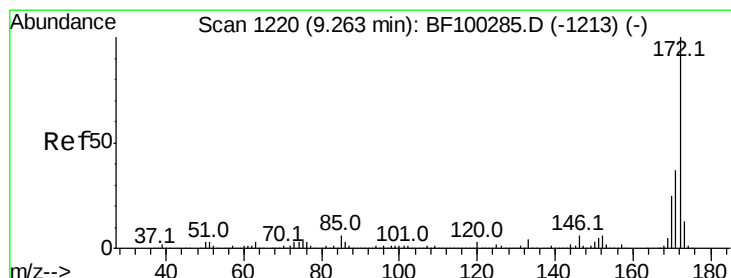
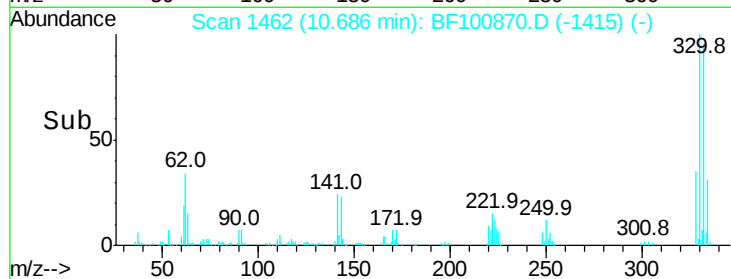
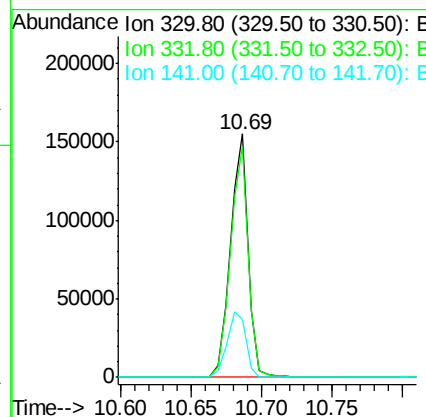
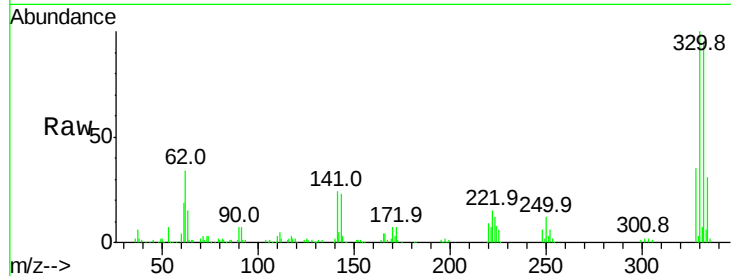




#41
 2,4,6-Tribromophenol
 Concen: 89.023 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

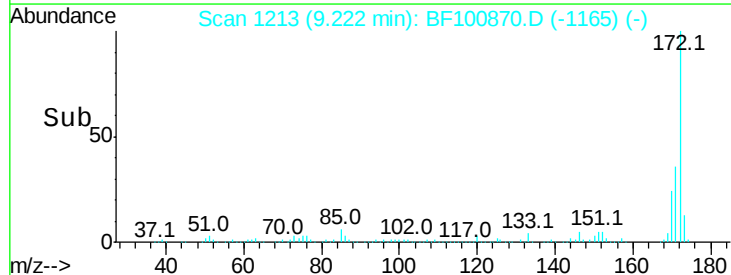
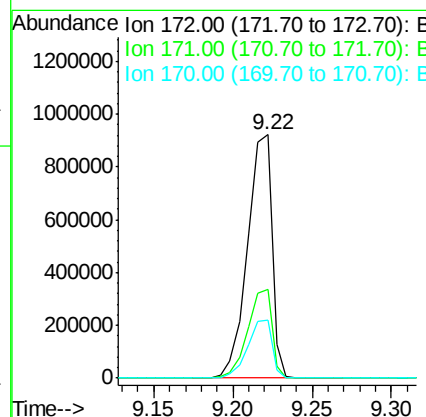
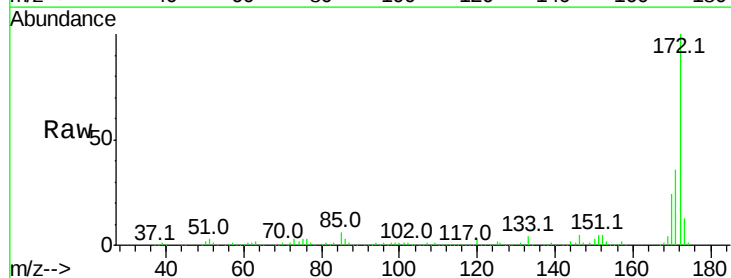
Instrument :
 BNA_F
 ClientSampleId :
 112017-TIDO-F-D-S

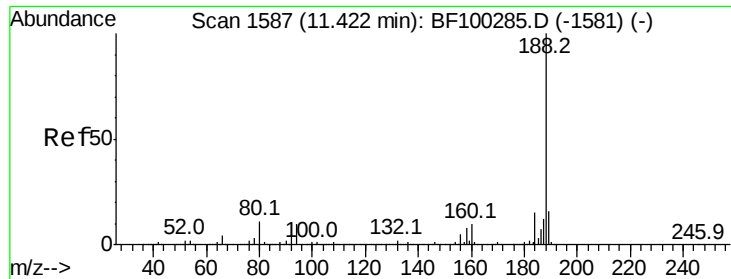
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.919 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

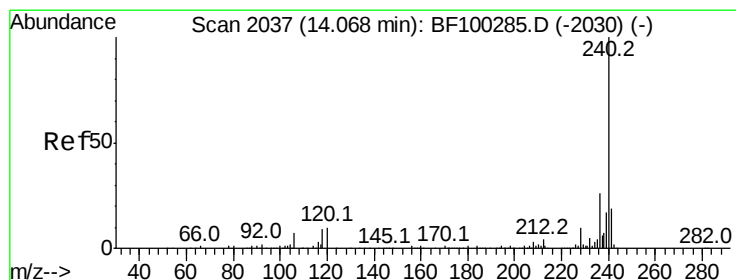
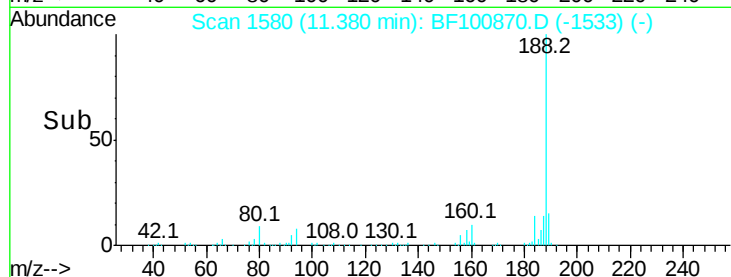
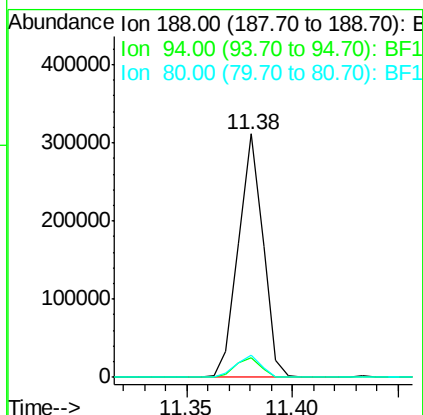
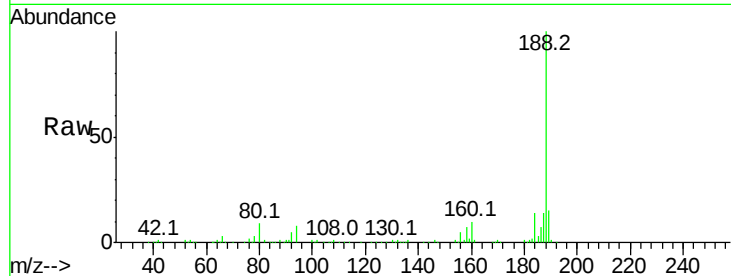




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

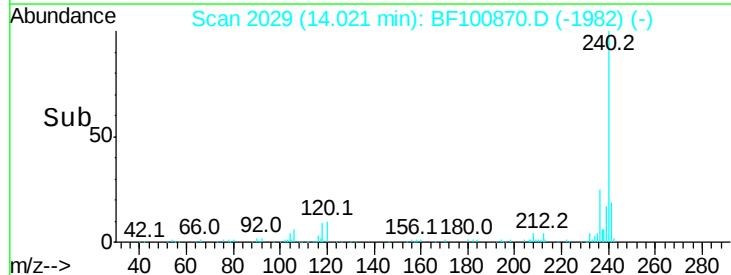
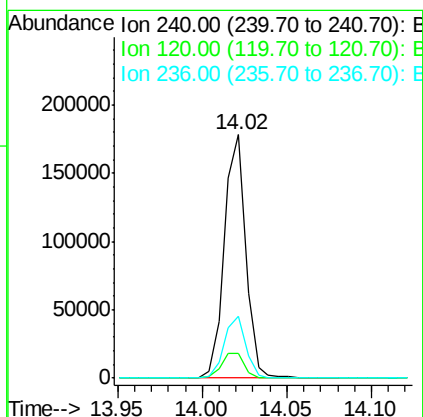
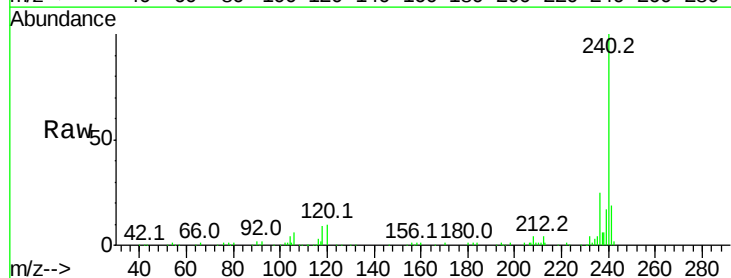
Instrument :
BNA_F
ClientSampleId :
112017-TIDO-F-D-S

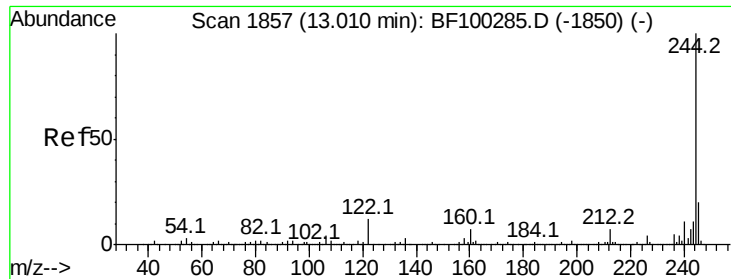
Tot Ion:188 Resp: 251978
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:240 Resp: 157923
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 95.856 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

112017-TIDO-F-D-S

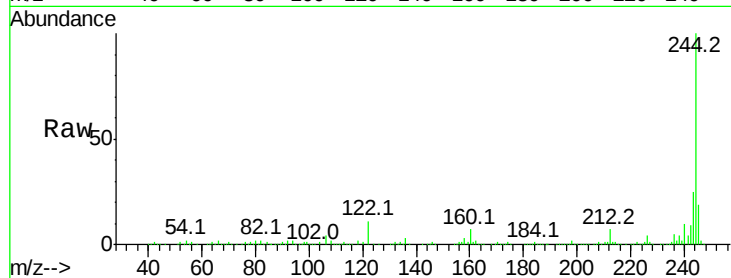
Tot Ion:244 Resp: 658828

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

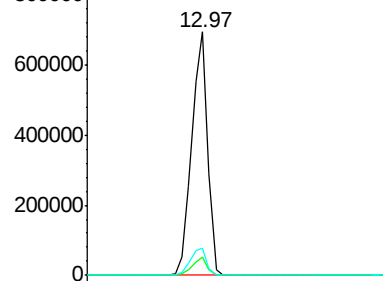
122 11.2 11.0 16.4



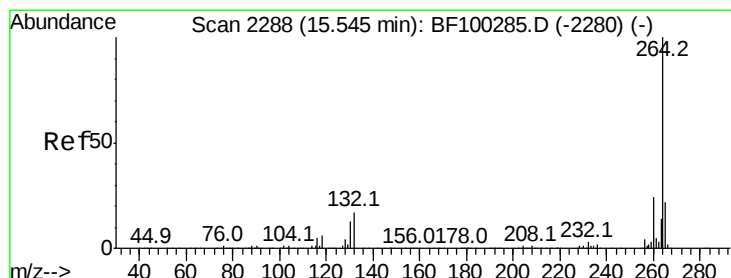
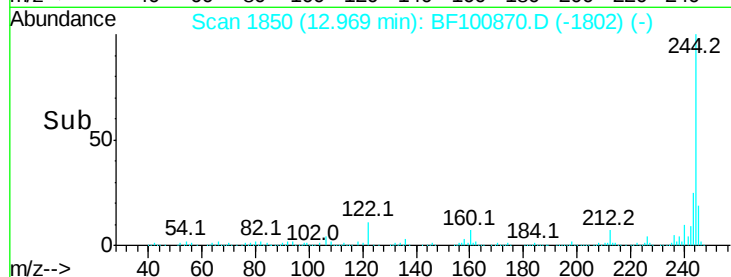
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

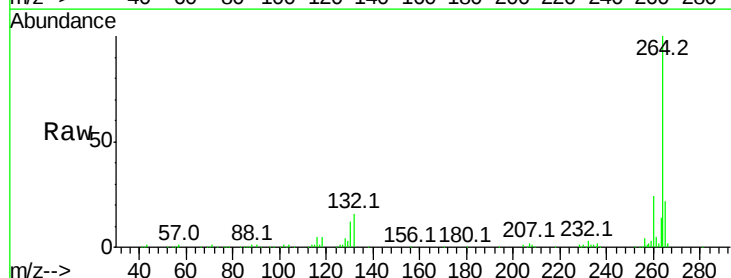
Tgt Ion:264 Resp: 175214

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

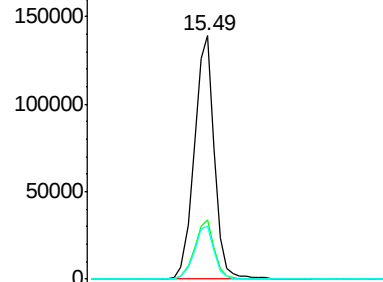
265 21.5 17.5 26.3



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



Time-->

