

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100656.D
 Acq On : 17 Nov 2017 3:40
 Operator : SJ/JU
 Sample : I6491-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-B

Quant Time: Nov 17 05:58:10 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	106012	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	401358	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178541	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	296209	20.00	ng	0.00
75) Chrysene-d12	14.04	240	219034	20.00	ng	0.00
86) Perylene-d12	15.52	264	217102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	290243	43.89	ng	0.00
7) Phenol-d6	6.50	99	215715	26.45	ng	-0.01
23) Nitrobenzene-d5	7.45	82	621616	102.40	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	150169	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1155177	98.52	ng	0.00
78) Terphenyl-d14	12.99	244	781796	82.01	ng	0.00

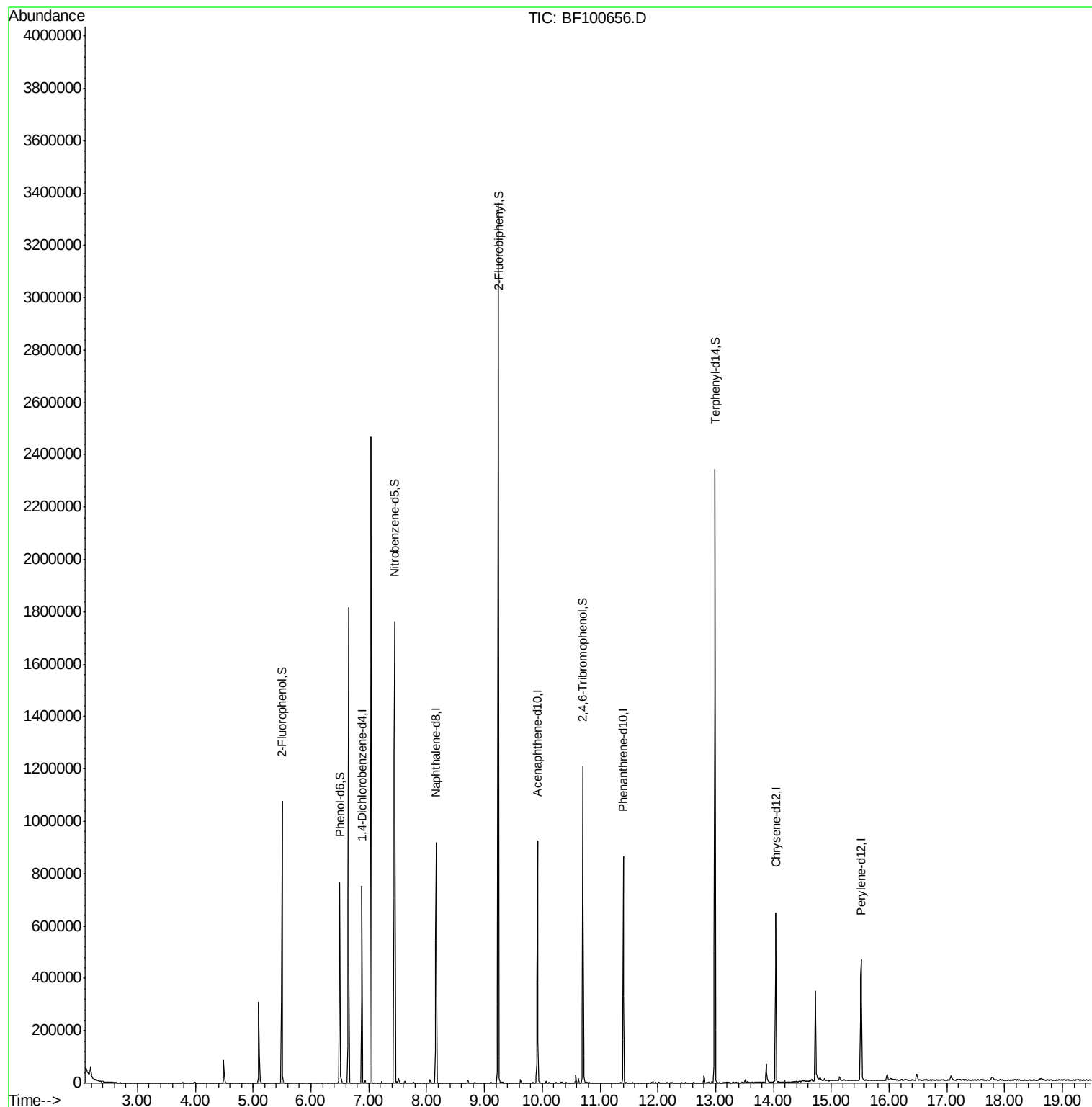
Target Compounds Qvalue

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

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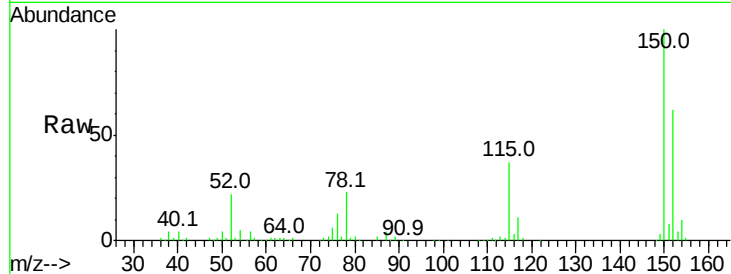


#1

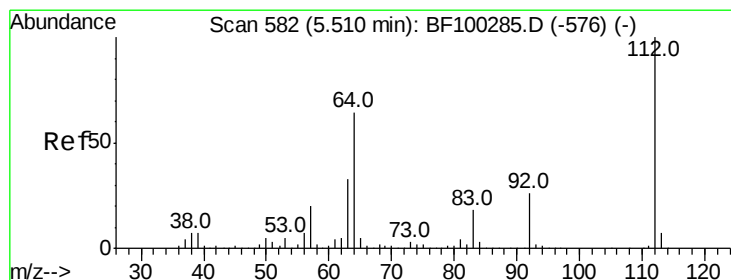
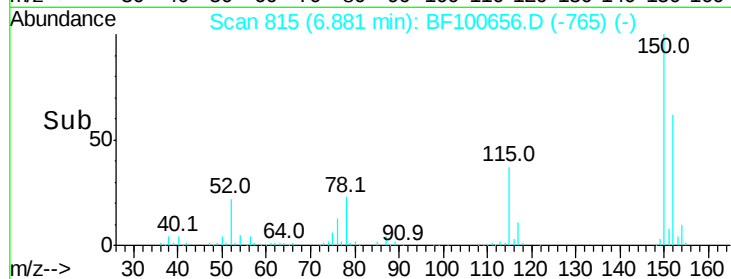
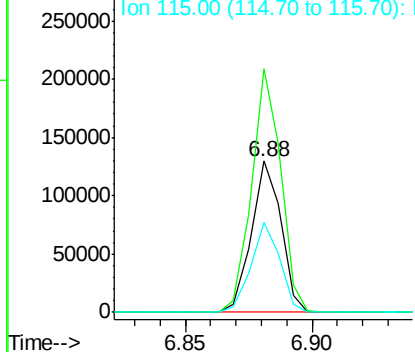
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-B

Tot Ion:152 Resp: 106012
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 59.9 50.1 75.1



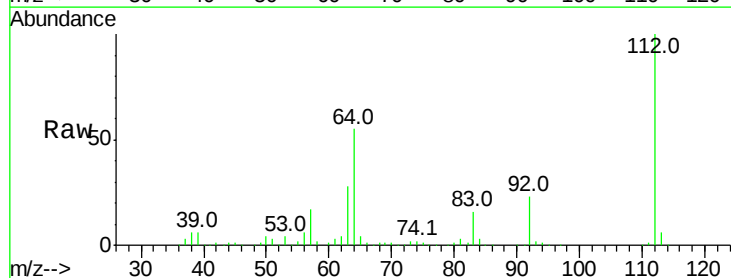
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



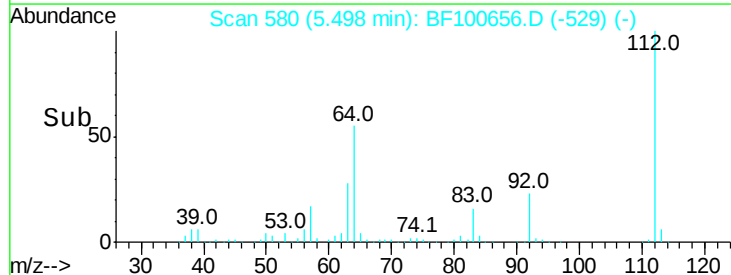
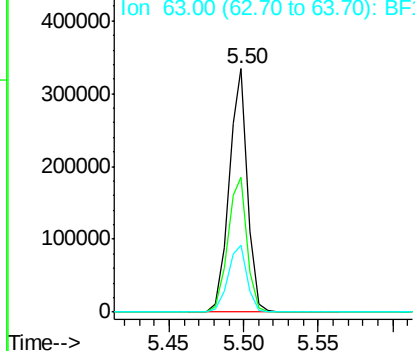
#5

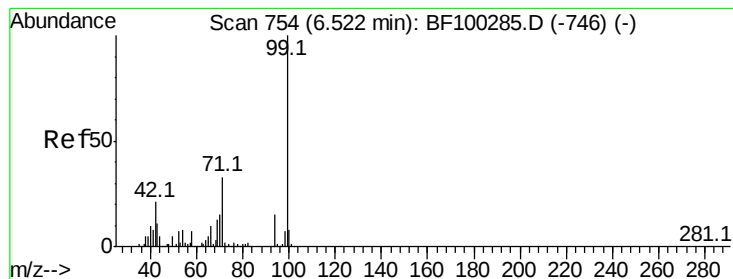
2-Fluorophenol
Concen: 43.887 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

Tgt Ion:112 Resp: 290243
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.7 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: 26.451 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

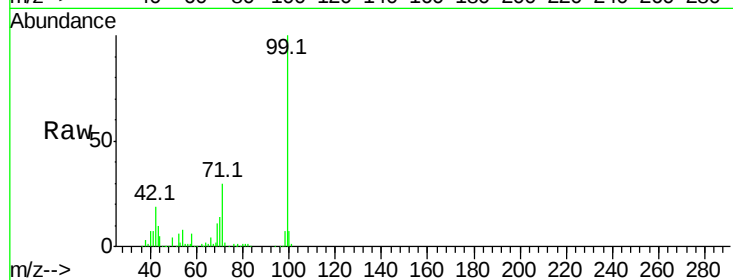
Tot Ion: 99 Resp: 215715

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

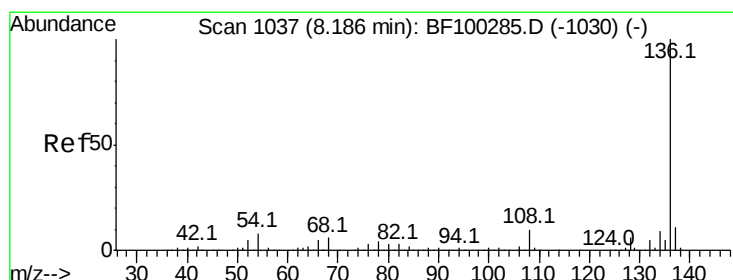
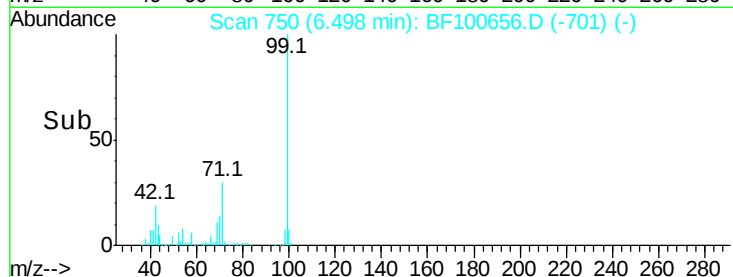
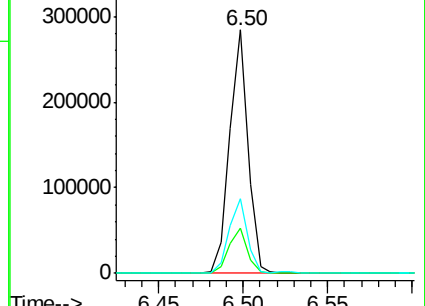
71 30.4 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Tgt Ion: 136 Resp: 401358

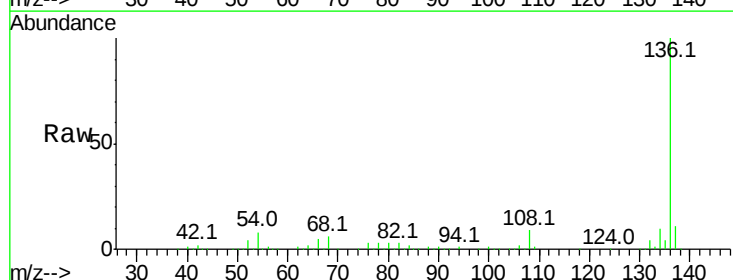
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.5 6.6 9.8

68 5.8 5.0 7.4

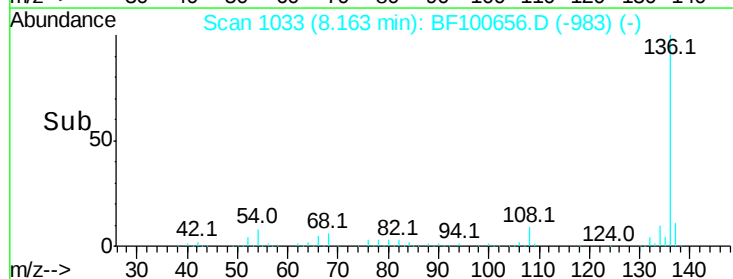
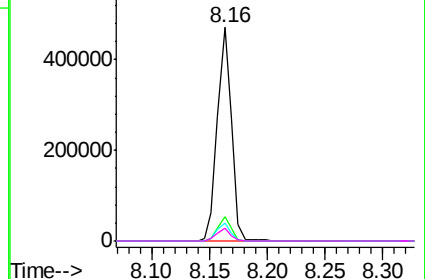


Abundance Ion 136.00 (135.70 to 136.70): E

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

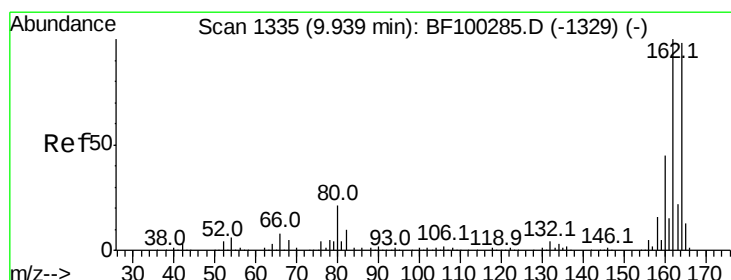
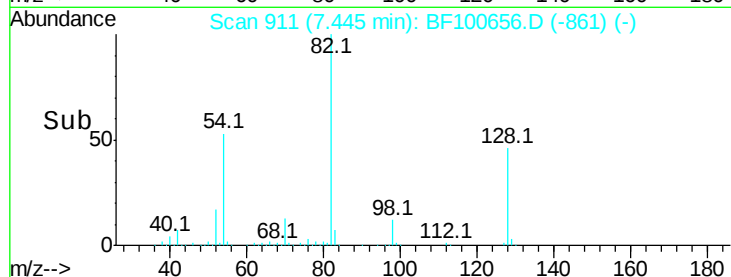
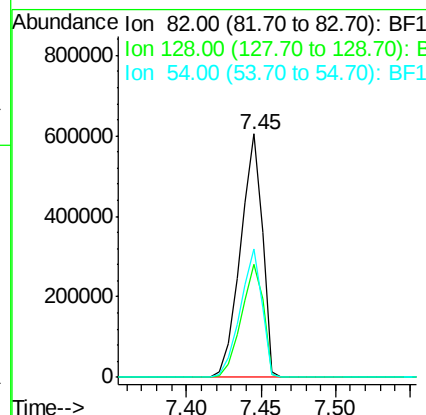
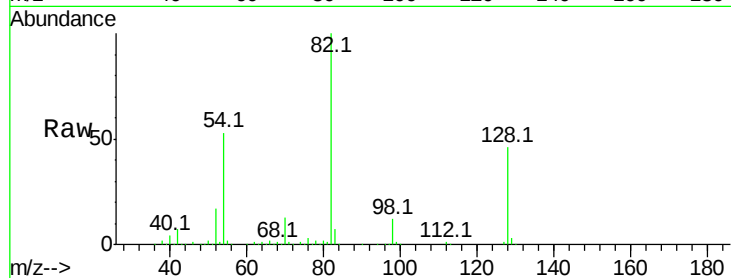




#23
Nitrobenzene-d5
Concen: 102.395 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

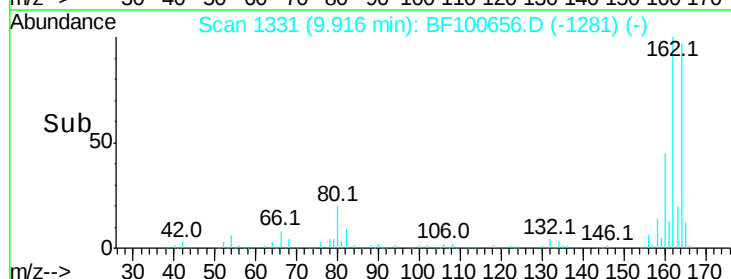
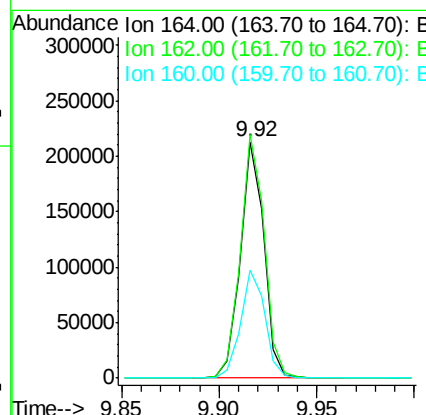
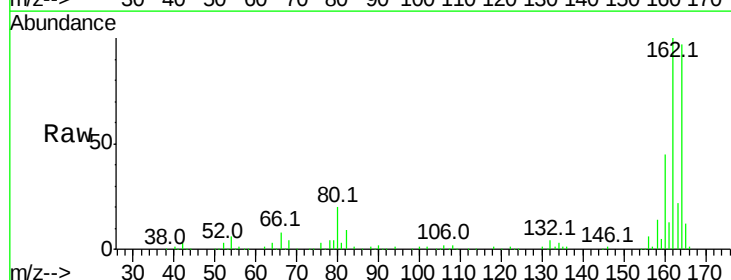
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-B

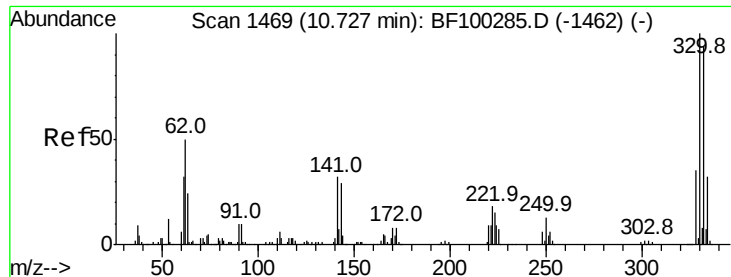
Tot Ion: 82 Resp: 621616
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 52.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

Tgt Ion: 164 Resp: 178541
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.8 38.3 57.5

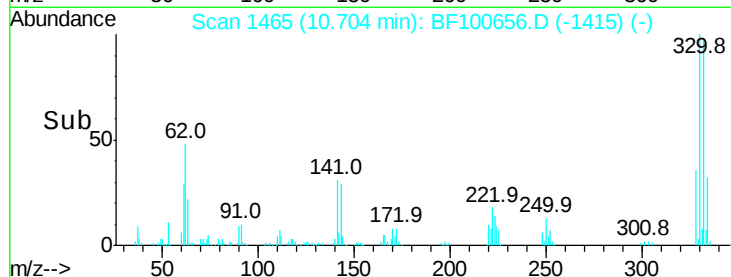
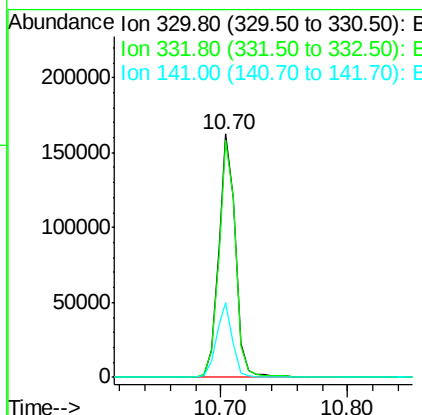
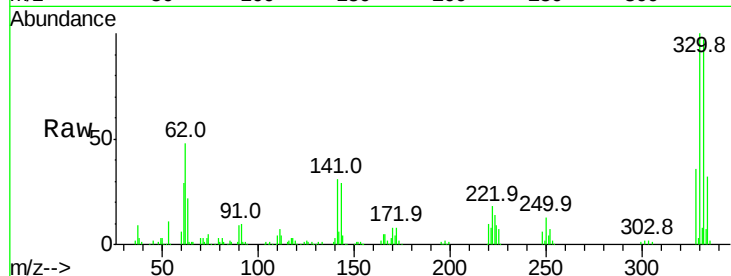




#41
 2,4,6-Tribromophenol
 Concen: 82.541 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

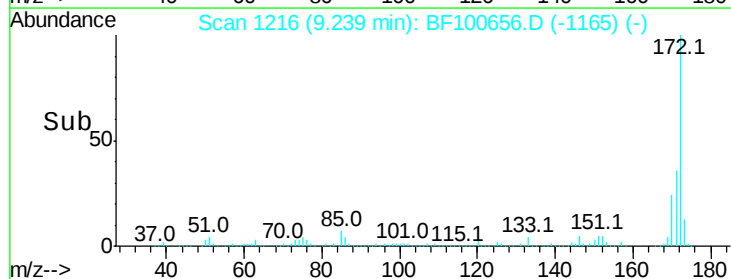
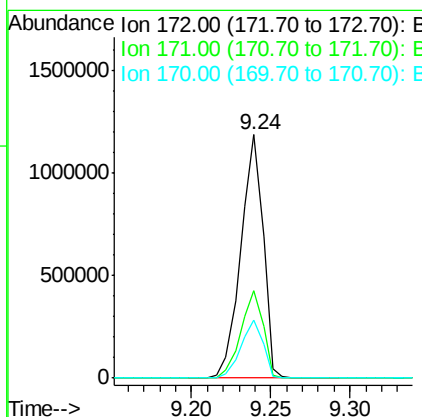
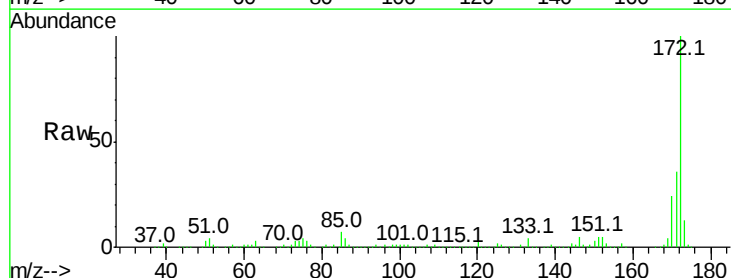
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.521 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

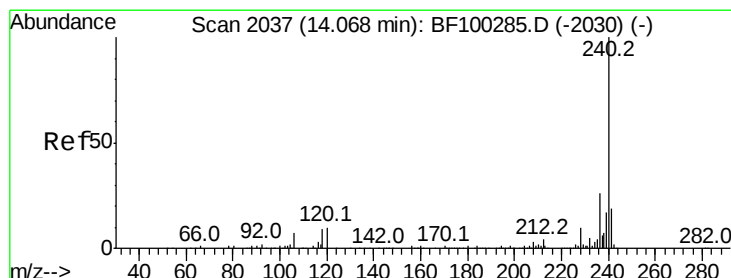
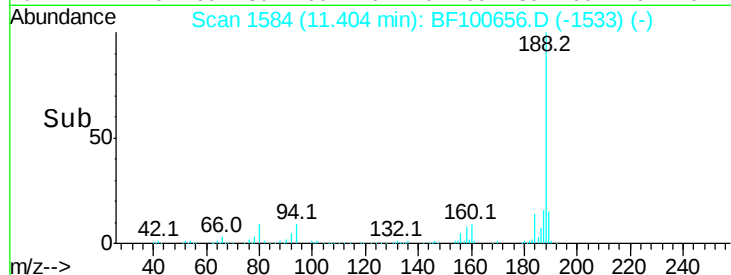
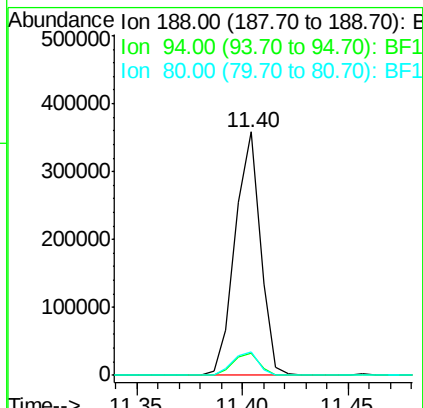
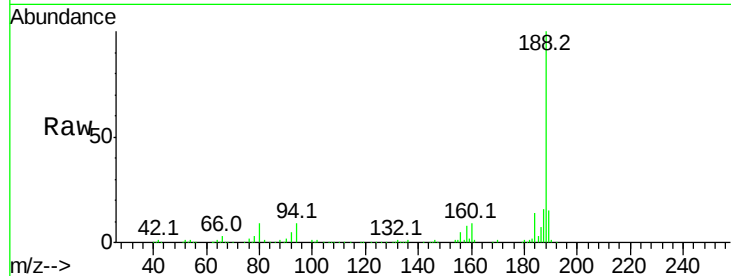




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

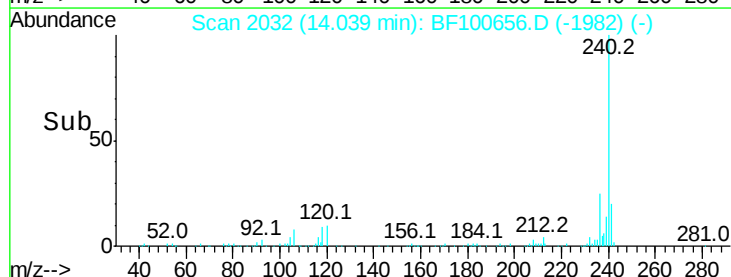
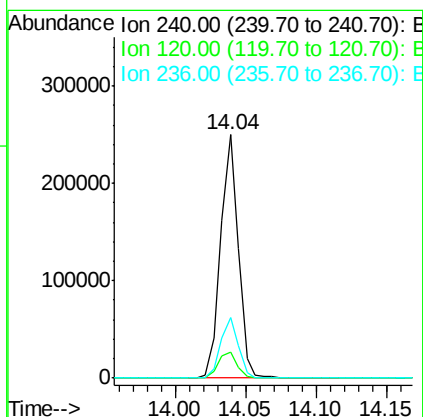
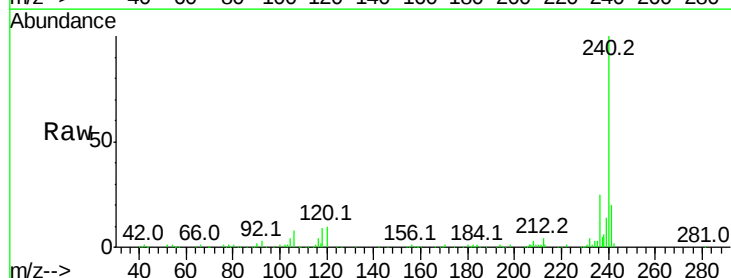
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-B

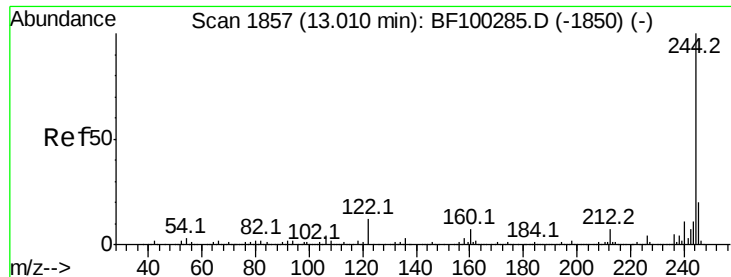
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	24.8	20.7	31.1





#78

Terphenyl-d14

Concen: 82.012 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

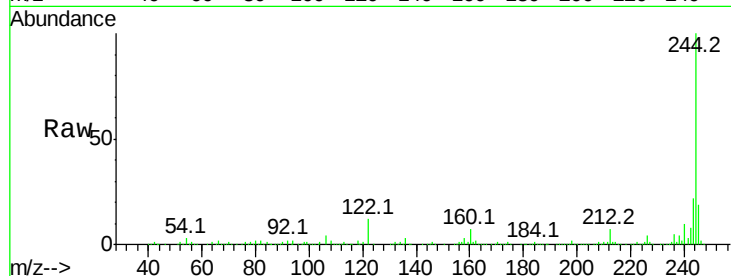
Tot Ion:244 Resp: 781796

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

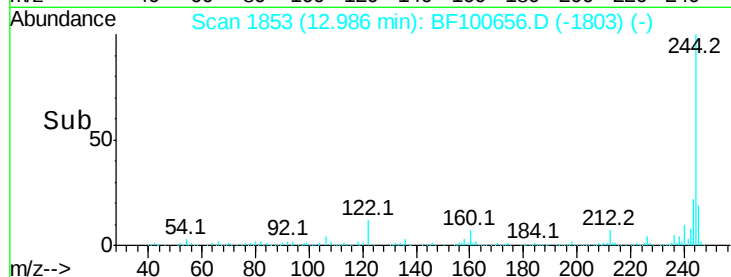
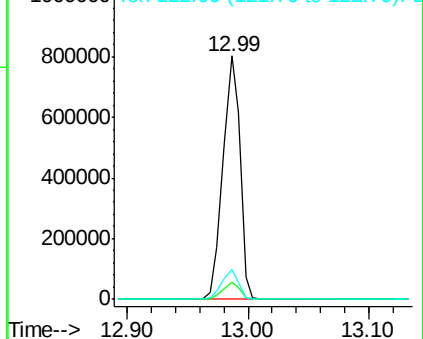
122 12.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

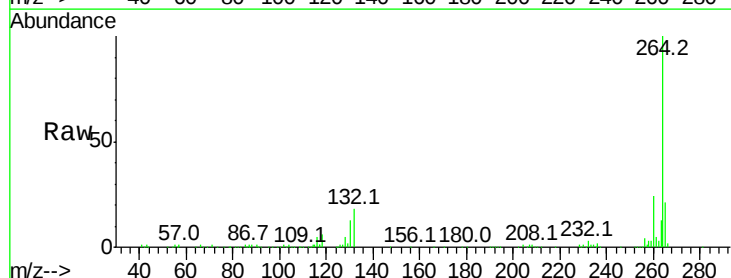
Tgt Ion:264 Resp: 217102

Ion Ratio Lower Upper

264 100

260 23.7 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

