

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100666.D
 Acq On : 17 Nov 2017 10:21
 Operator : SJ/JU
 Sample : I6477-01 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-2

Quant Time: Nov 17 15:35:44 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	6.88	152	97461	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	387375	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188871	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	383717	20.00	ng	0.00
75) Chrysene-d12	14.04	240	354181	20.00	ng	0.00
86) Perylene-d12	15.52	264	275369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2623	0.43	ng	0.00
7) Phenol-d6	6.49	99	1999	0.27	ng	-0.02
23) Nitrobenzene-d5	7.43	82	5719	0.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	3134	1.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	14661	1.18	ng	0.00
78) Terphenyl-d14	12.98	244	21149	1.37	ng	0.00

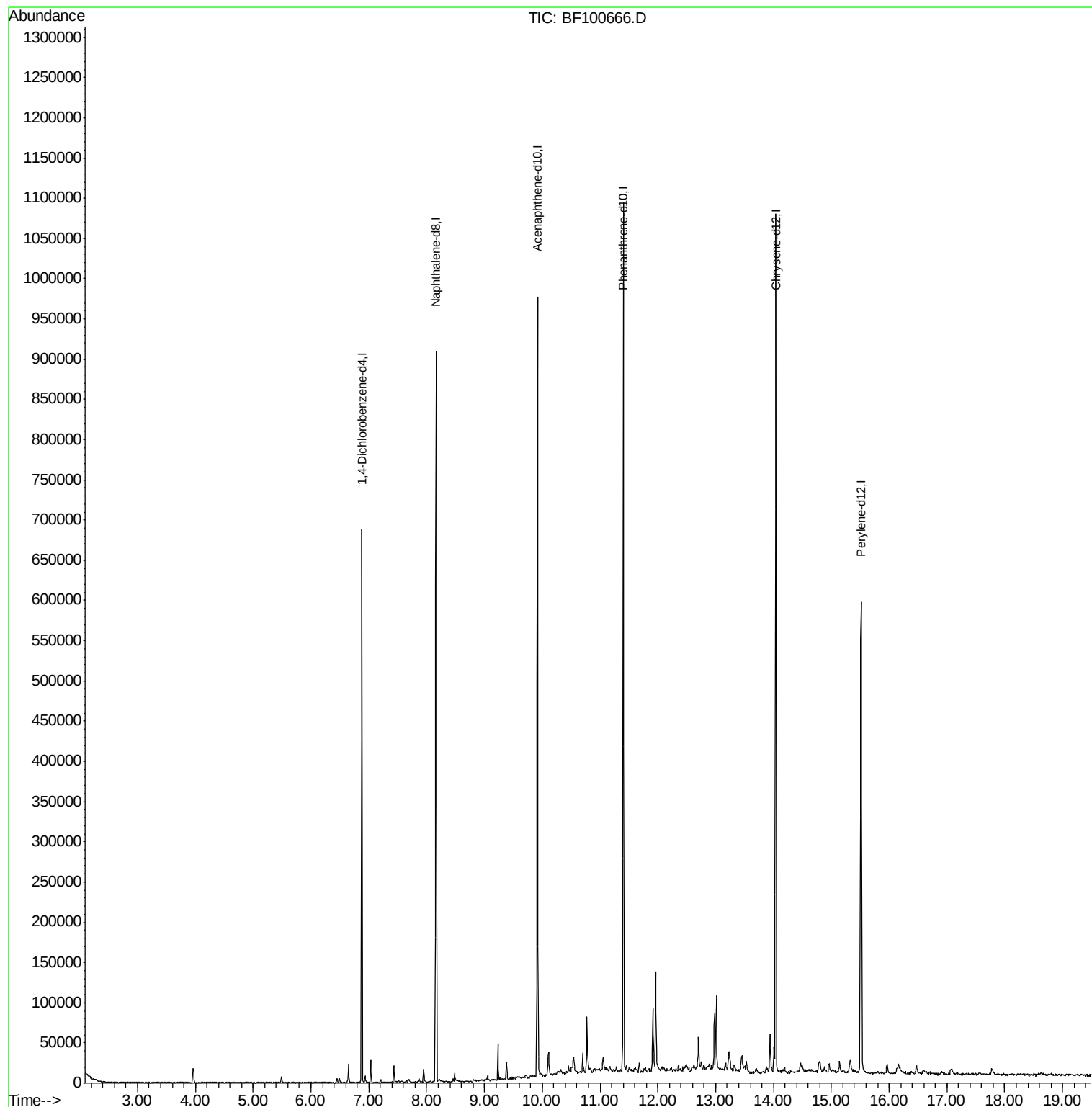
Target Compounds Qvalue

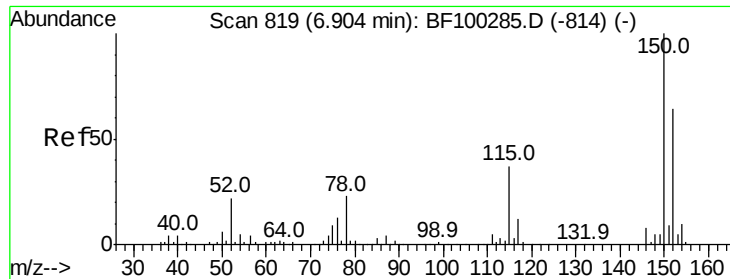
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100666.D
Acq On : 17 Nov 2017 10:21
Operator : SJ/JU
Sample : I6477-01 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOTE-1-2

Quant Time: Nov 17 15:35:44 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



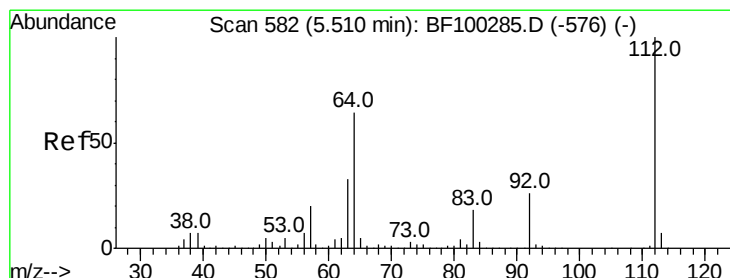
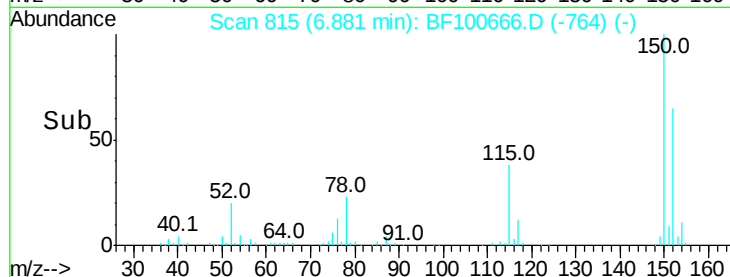
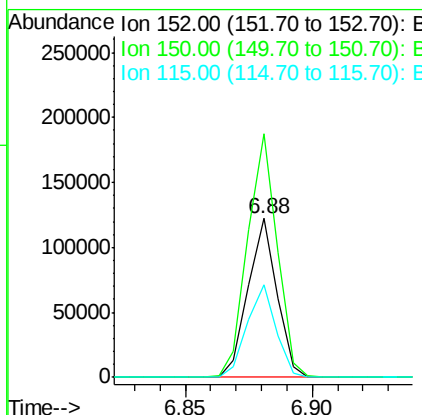
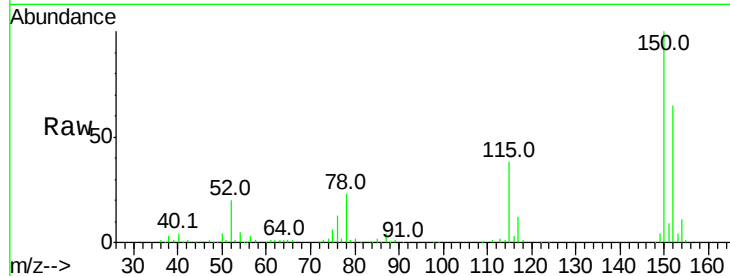


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

Instrument :
BNA_F
ClientSampleId :
TOTE-1-2

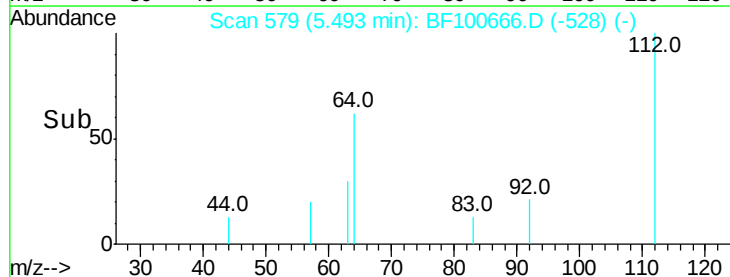
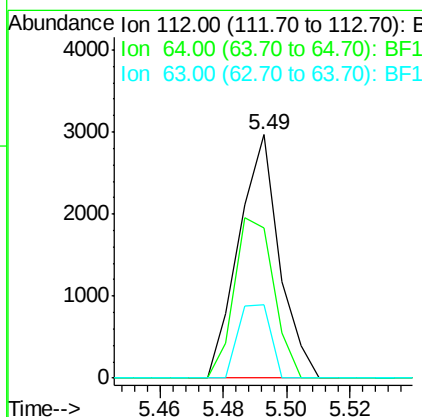
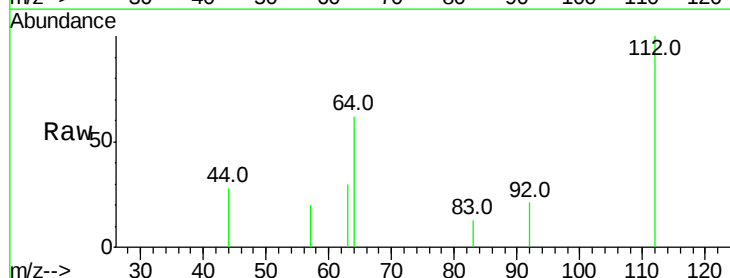
Tot Ion:152 Resp: 97461
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 58.6 50.1 75.1

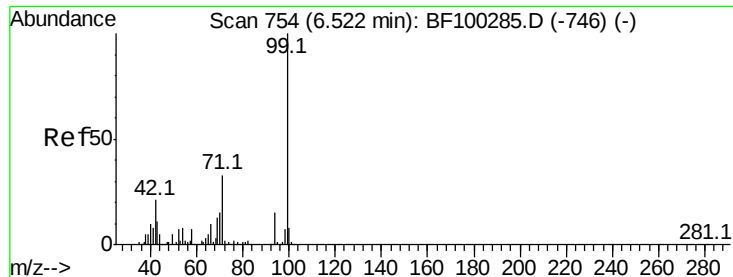


#5

2-Fluorophenol
Concen: 0.431 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

Tgt Ion:112 Resp: 2623
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 0.267 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Instrument :

BNA_F

ClientSampleId :

TOTE-1-2

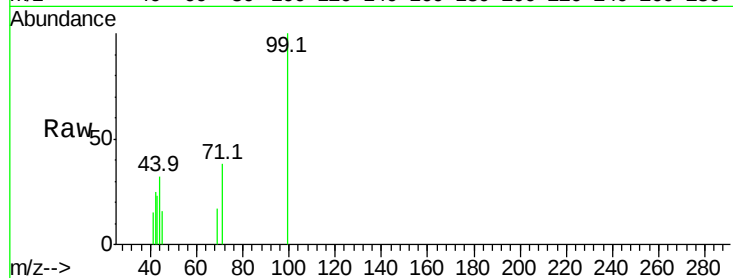
Tot Ion: 99 Resp: 1999

Ion Ratio Lower Upper

99 100

42 24.7 14.5 21.7#

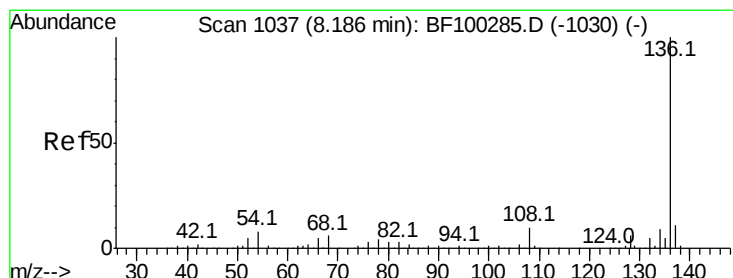
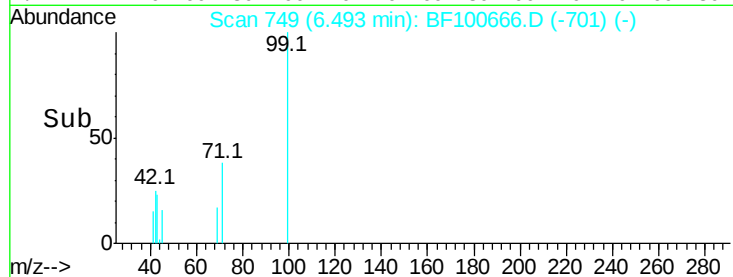
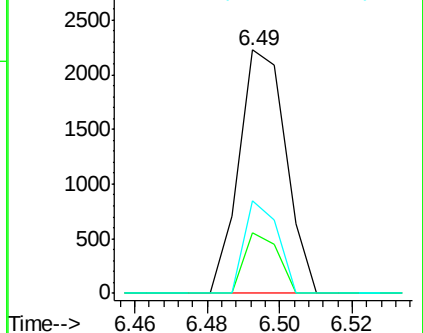
71 38.0 25.4 38.0



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: BF100666.D

Acq: 17 Nov 2017 10:21

Tgt Ion: 136 Resp: 387375

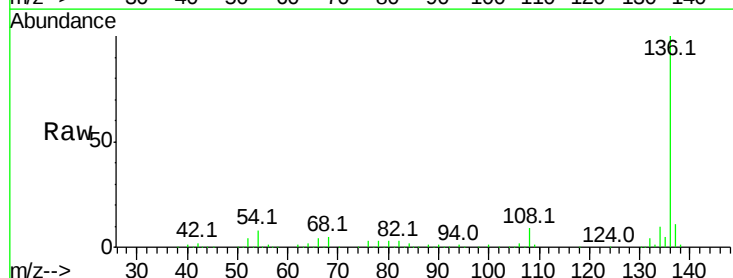
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.4 5.0 7.4

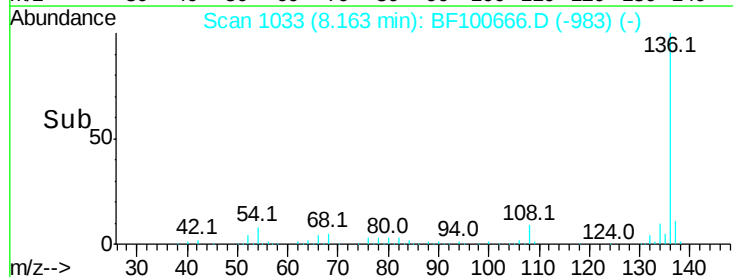
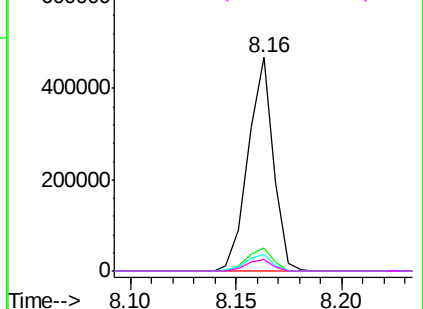


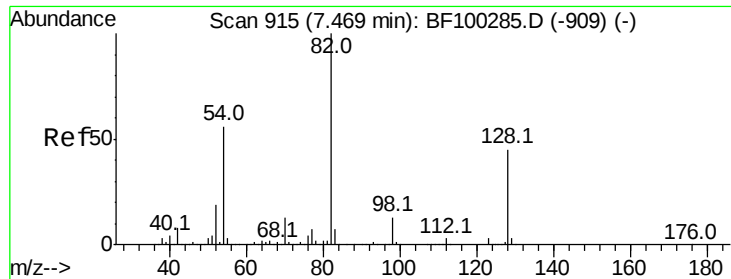
Abundance Ion 136.00 (135.70 to 136.70): E

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

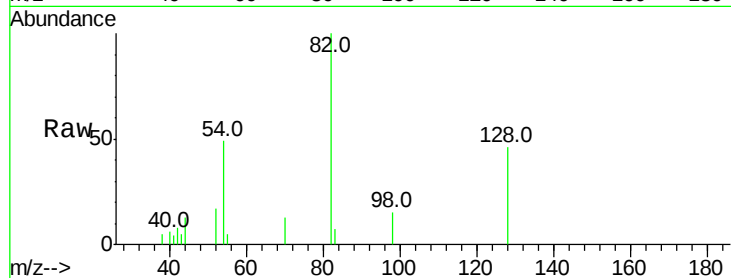




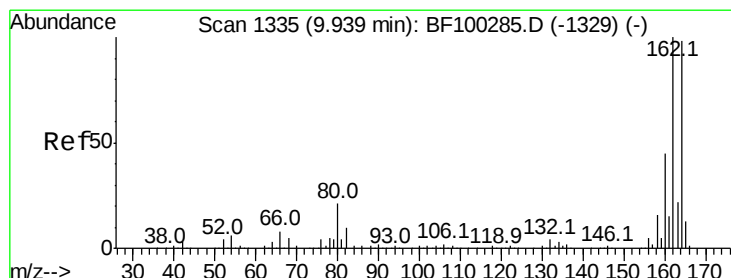
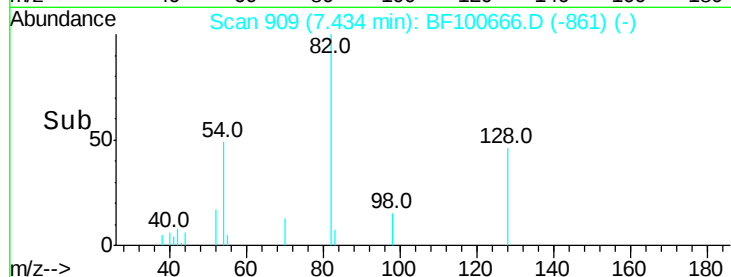
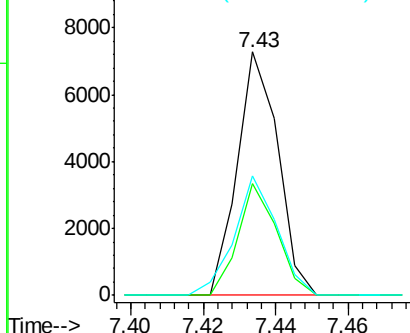
#23
 Nitrobenzene-d5
 Concen: 0.976 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	49.0	41.4	62.2

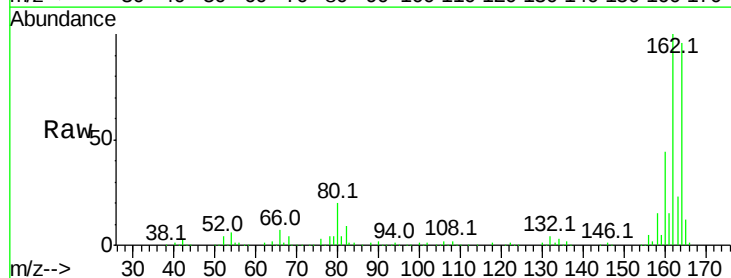


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

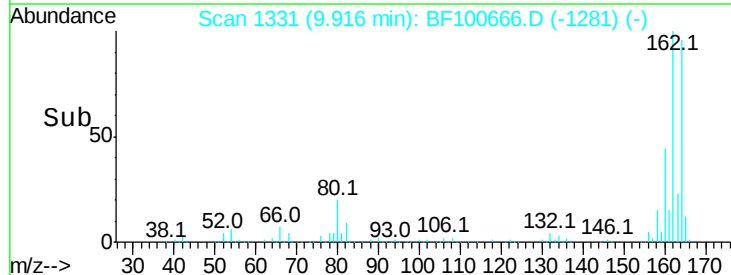
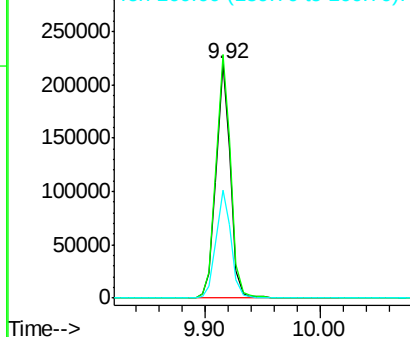


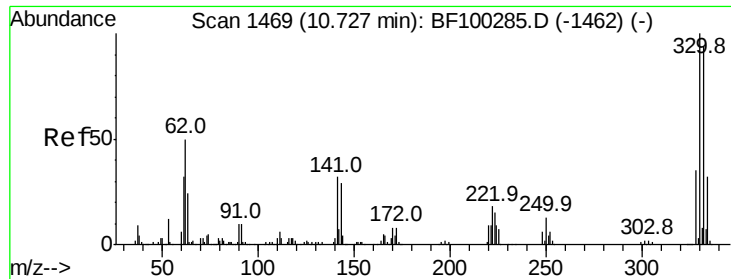
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

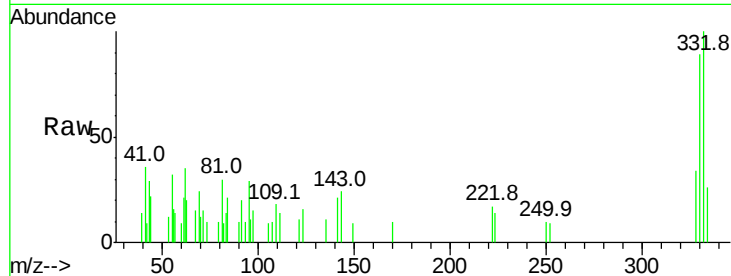




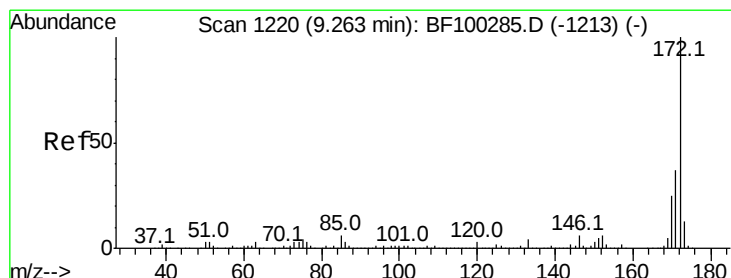
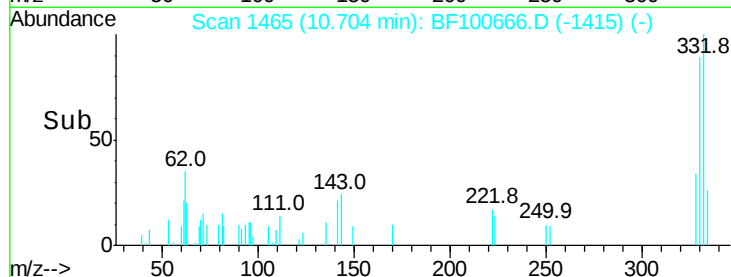
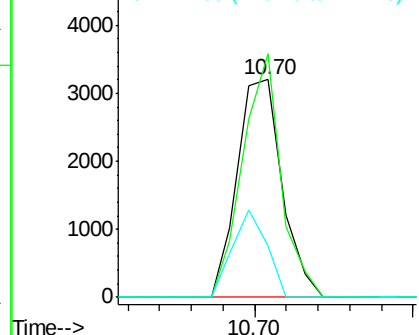
#41
 2,4,6-Tribromophenol
 Concen: 1.628 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-2

Tot Ion:330 Resp: 3134
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 30.5 29.9 44.9

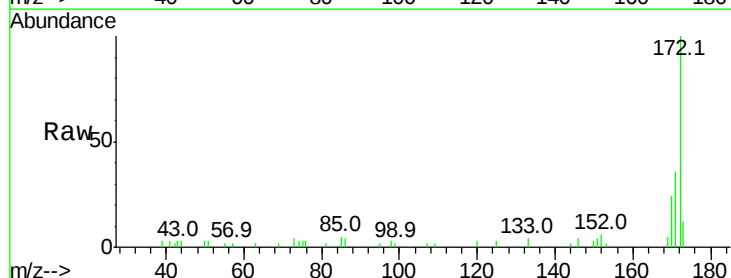


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

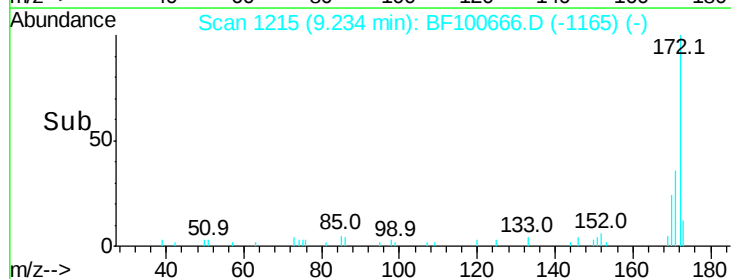
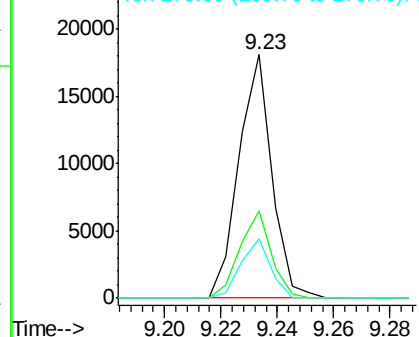


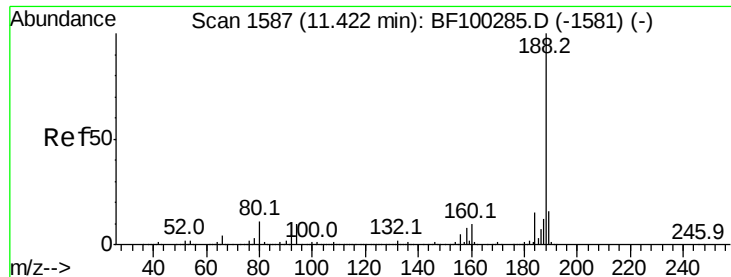
#44
 2-Fluorobiphenyl
 Concen: 1.182 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100666.D
 Acq: 17 Nov 2017 10:21

Tgt Ion:172 Resp: 14661
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.3 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

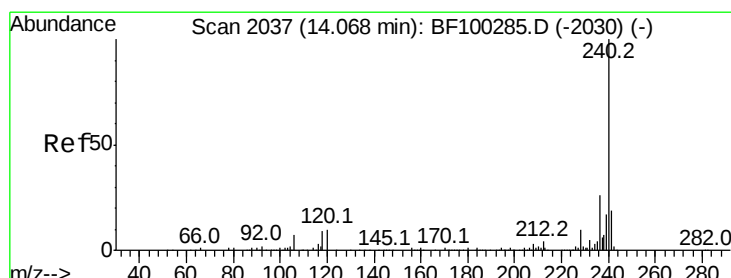
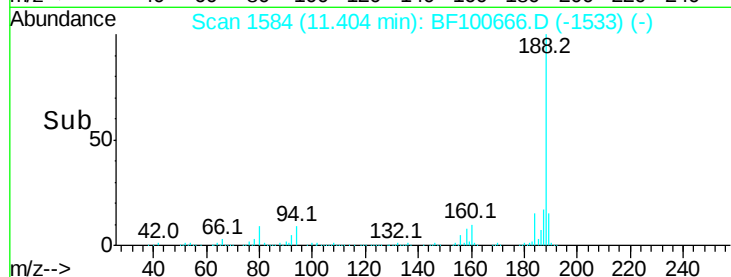
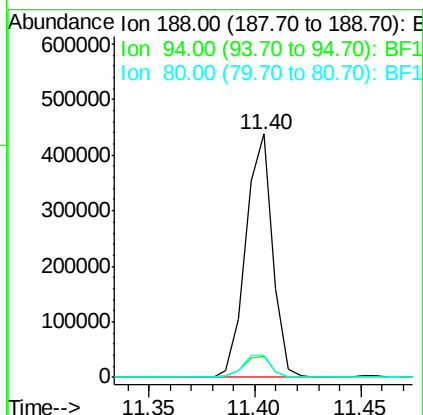
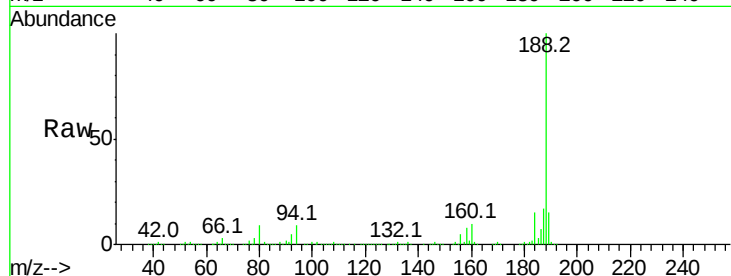




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

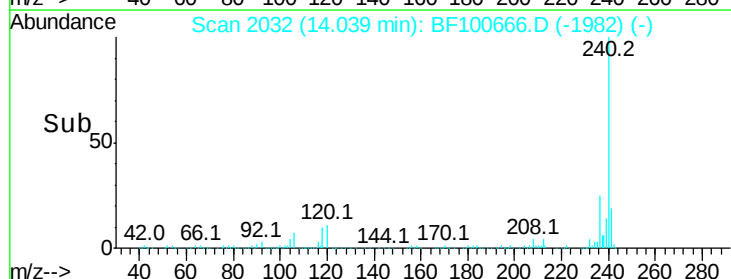
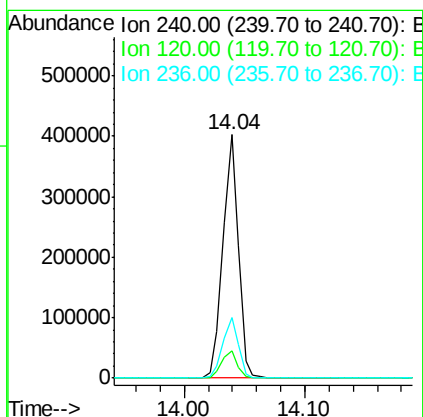
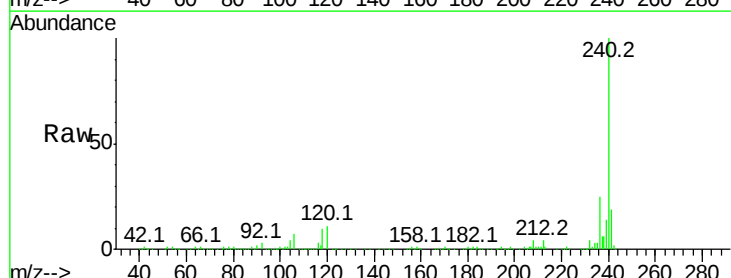
Instrument :
BNA_F
ClientSampleId :
TOTE-1-2

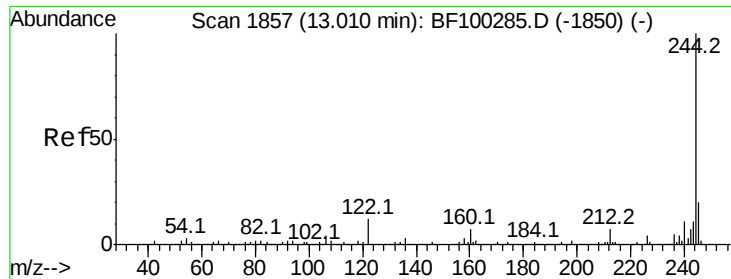
Tot Ion:188 Resp: 383717
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100666.D
Acq: 17 Nov 2017 10:21

Tgt Ion:240 Resp: 354181
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 1.372 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100666.D

Acq: 17 Nov 2017 10:21

Instrument :

BNA_F

ClientSampleId :

TOTE-1-2

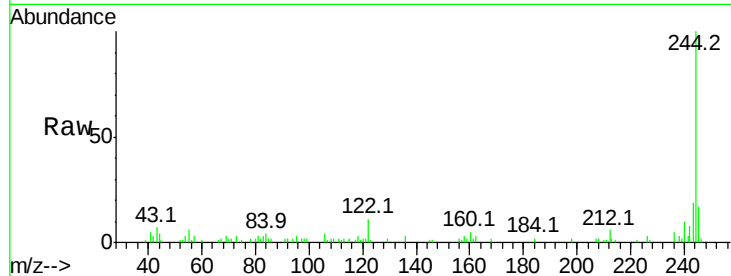
Tot Ion:244 Resp: 21149

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

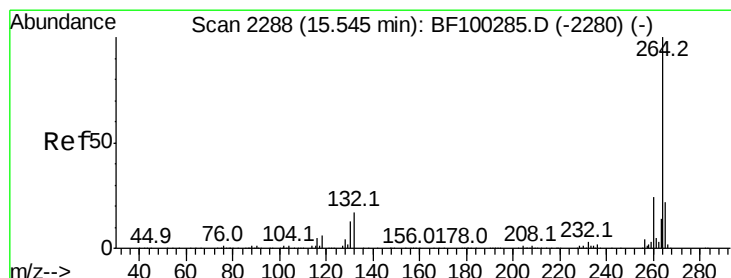
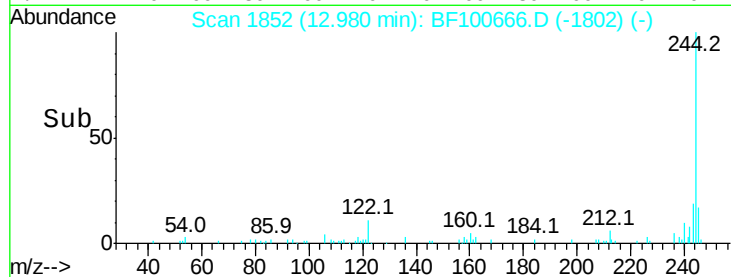
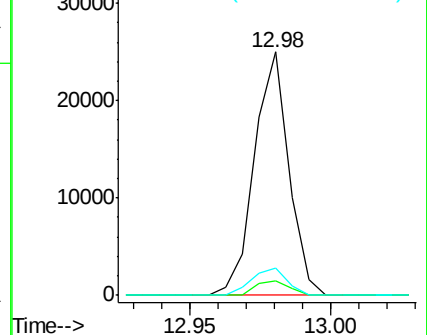
122 11.0 11.0 16.4



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: BF100666.D

Acq: 17 Nov 2017 10:21

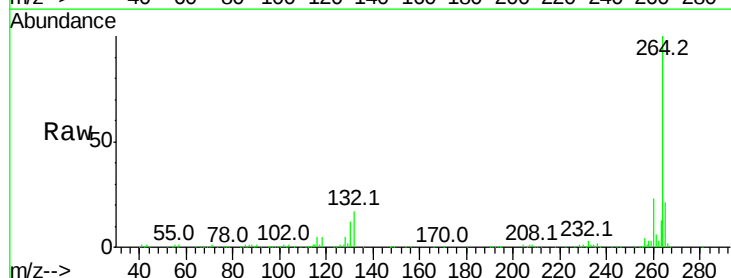
Tgt Ion:264 Resp: 275369

Ion Ratio Lower Upper

264 100

260 23.1 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

