

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101165.D
 Acq On : 6 Dec 2017 14:10
 Operator : SJ/JU
 Sample : PB104760BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104760BL

Quant Time: Dec 06 15:01:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47348	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	186728	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	92151	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	186469	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146982	20.00	ng	0.00
86) Perylene-d12	15.49	264	105603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	363506	126.86	ng	0.01
7) Phenol-d6	6.48	99	441384	126.88	ng	0.00
23) Nitrobenzene-d5	7.41	82	271847	86.85	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	120733	109.06	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	589393	87.51	ng	0.00
78) Terphenyl-d14	12.96	244	627573	93.39	ng	0.00

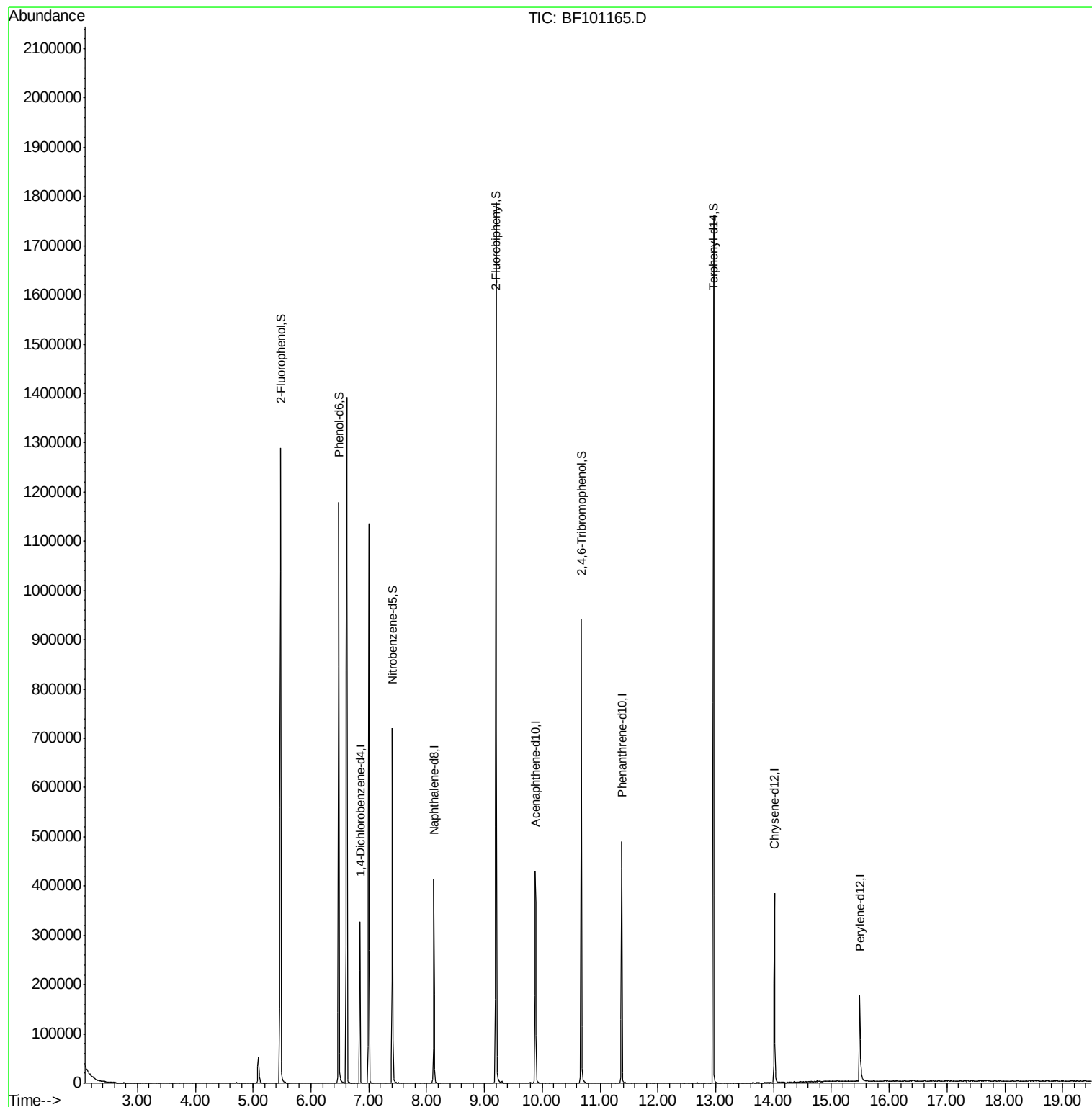
Target Compounds Qvalue

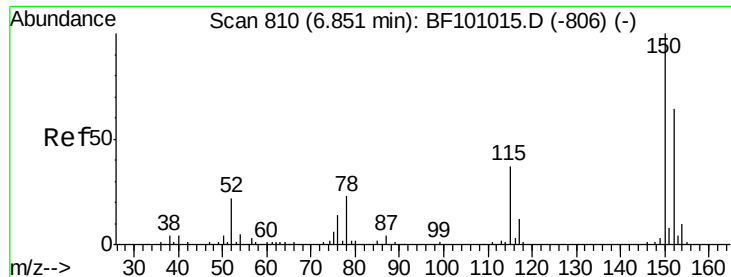
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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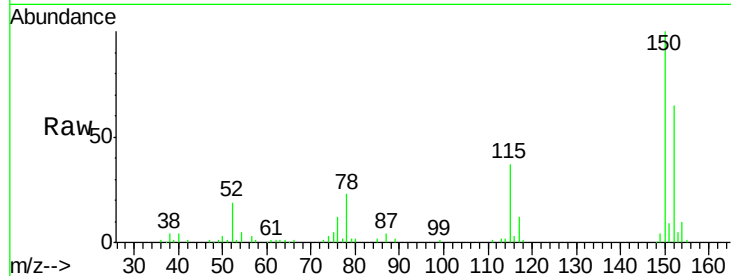


#1

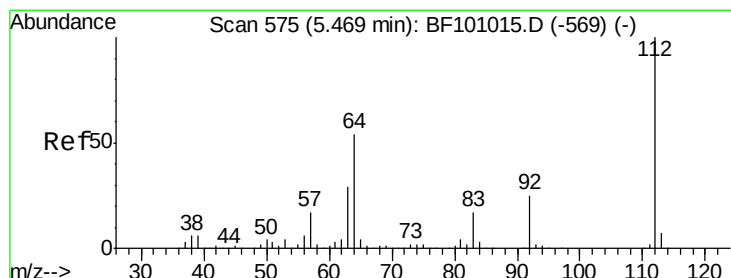
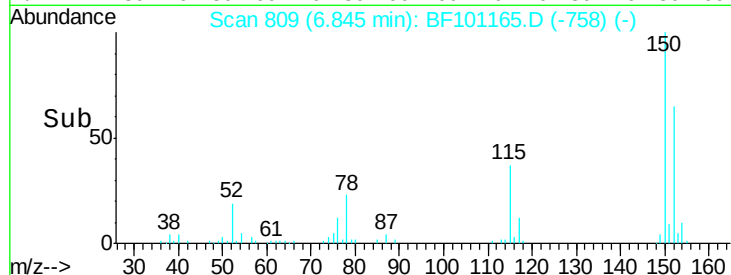
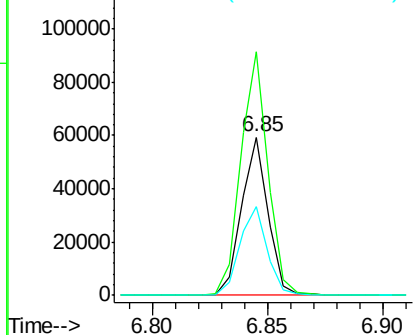
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Instrument :
BNA_F
ClientSampleId :
PB104760BL

Tot Ion:152 Resp: 47348
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 56.3 50.1 75.1



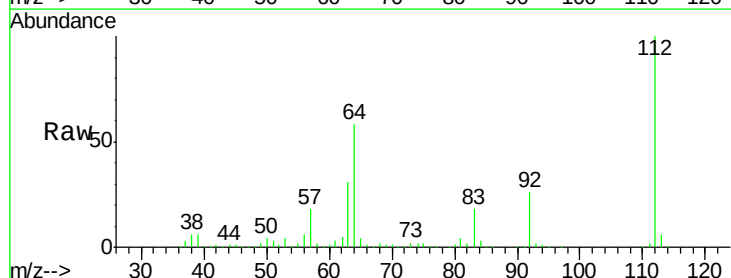
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



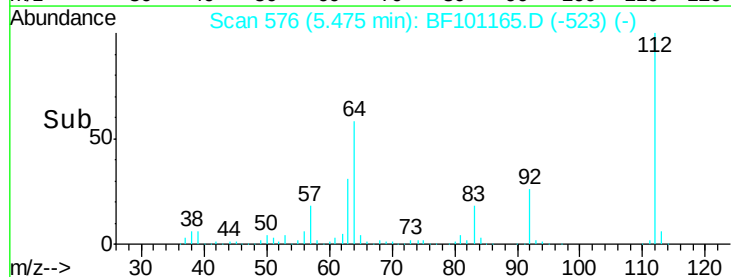
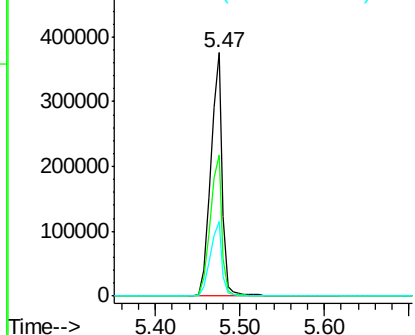
#5

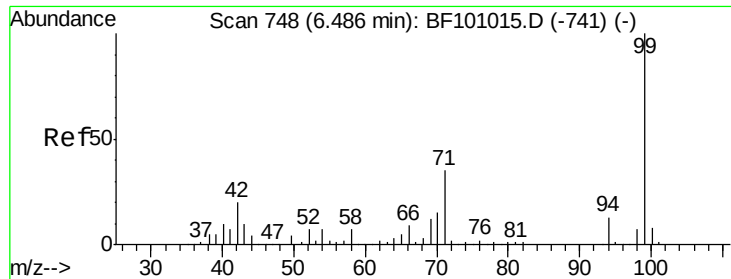
2-Fluorophenol
Concen: 126.864 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:112 Resp: 363506
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.7 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: 126.879 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

Instrument :

BNA_F

ClientSampleId :

PB104760BL

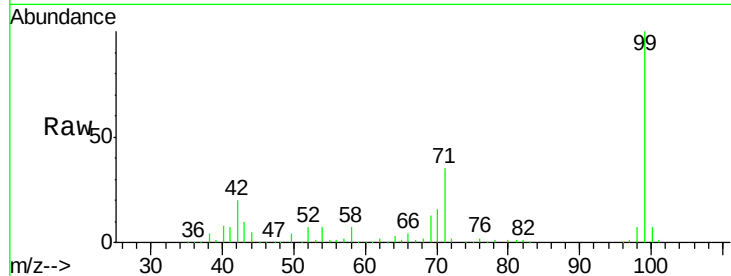
Tot Ion: 99 Resp: 441384

Ion Ratio Lower Upper

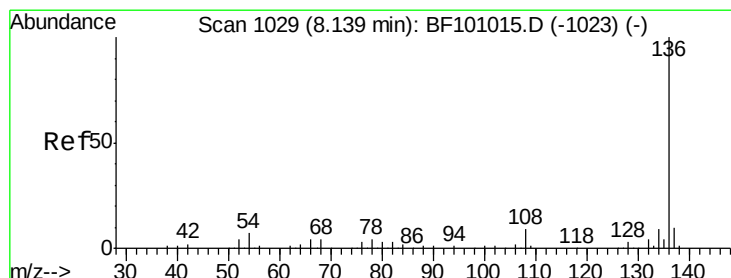
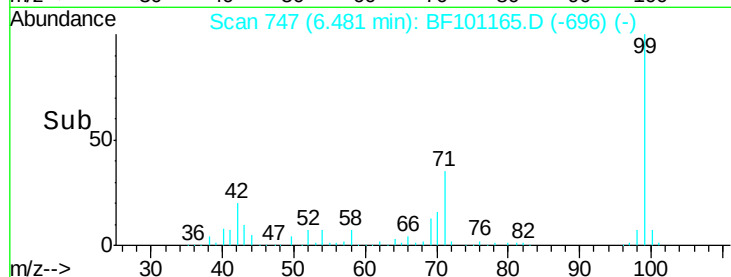
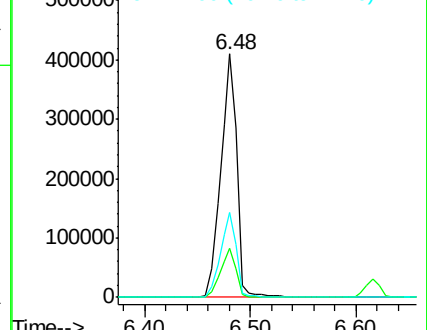
99 100

42 20.1 14.5 21.7

71 35.1 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

Tgt Ion: 136 Resp: 186728

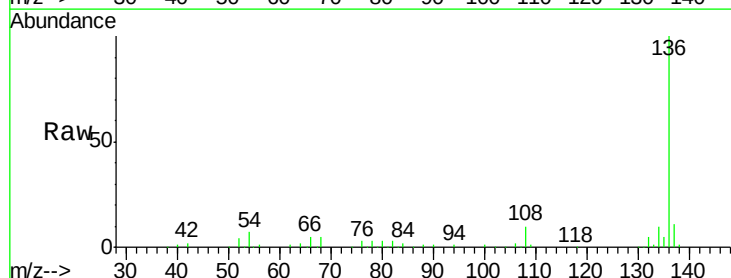
Ion Ratio Lower Upper

136 100

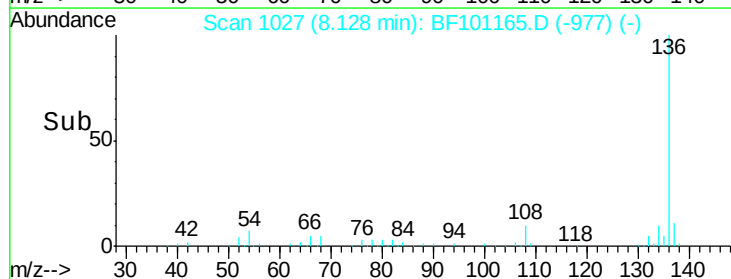
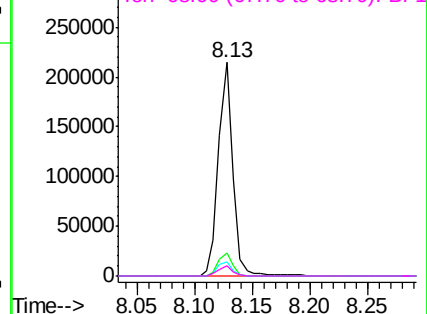
137 10.8 8.9 13.3

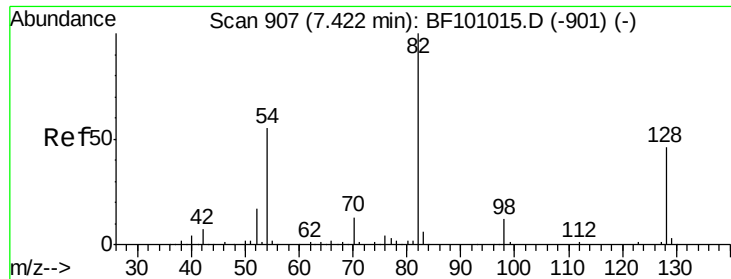
54 6.9 6.6 9.8

68 4.9 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

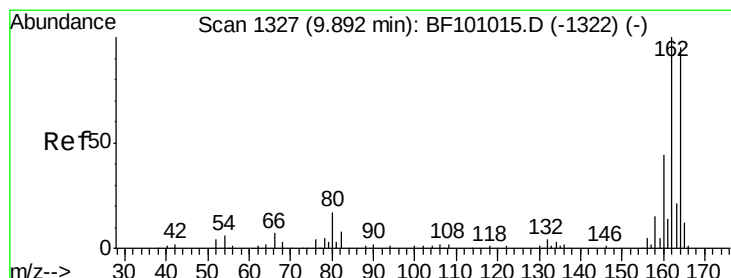
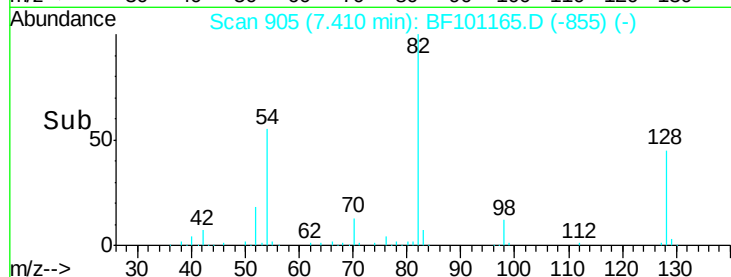
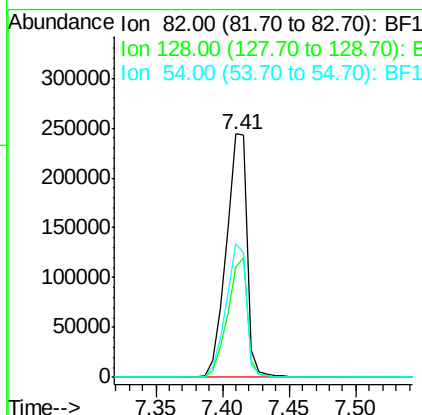
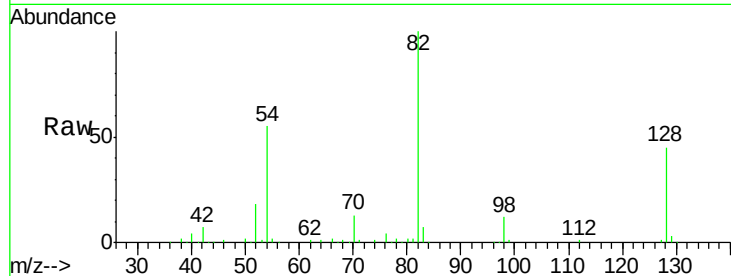




#23
 Nitrobenzene-d5
 Concen: 86.846 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

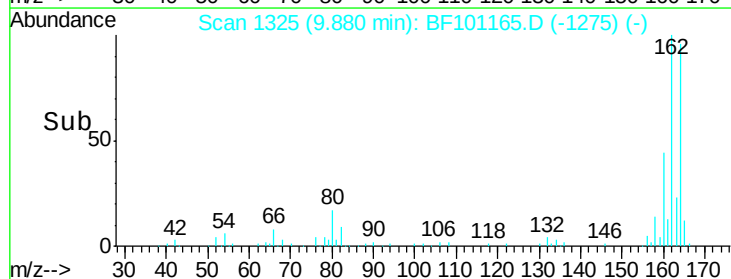
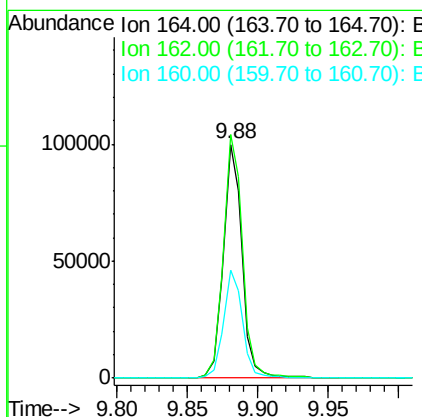
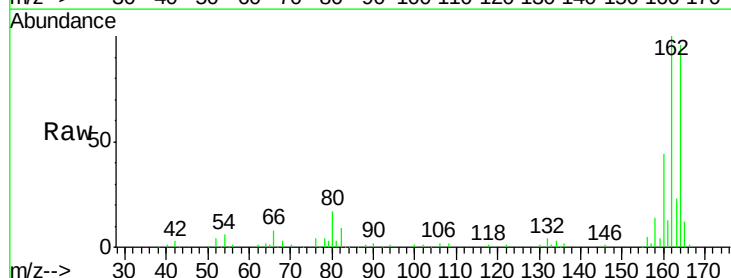
Instrument :
 BNA_F
 ClientSampleId :
 PB104760BL

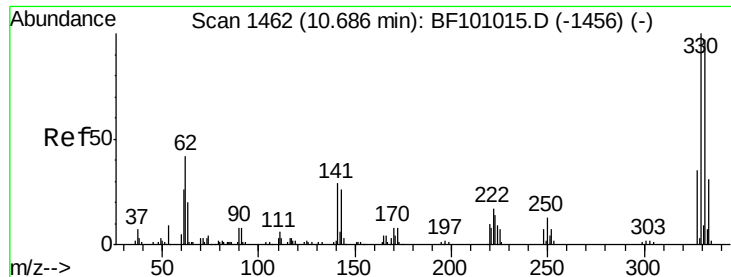
Tot Ion: 82 Resp: 271847
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 54.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101165.D
 Acq: 6 Dec 2017 14:10

Tgt Ion: 164 Resp: 92151
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 109.064 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

Instrument :

BNA_F

ClientSampleId :

PB104760BL

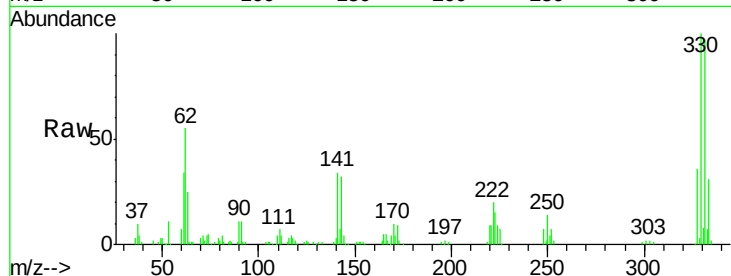
Tot Ion:330 Resp: 120733

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

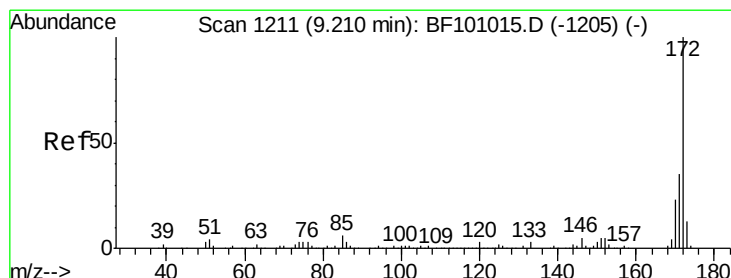
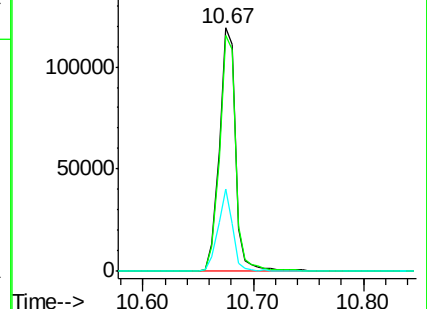
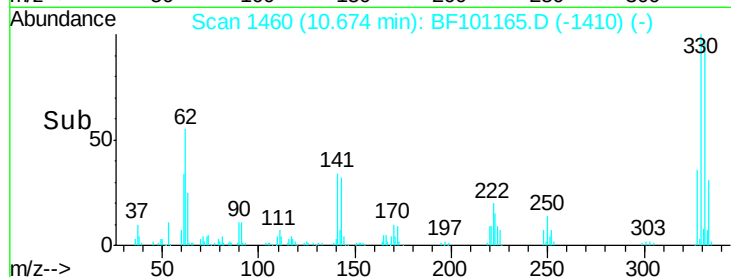
141 30.4 29.9 44.9



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: 87.509 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

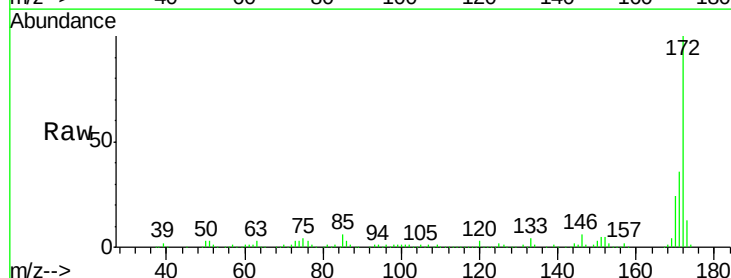
Tgt Ion:172 Resp: 589393

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

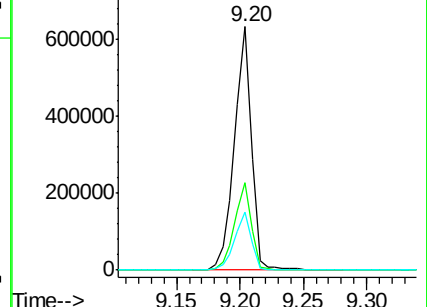
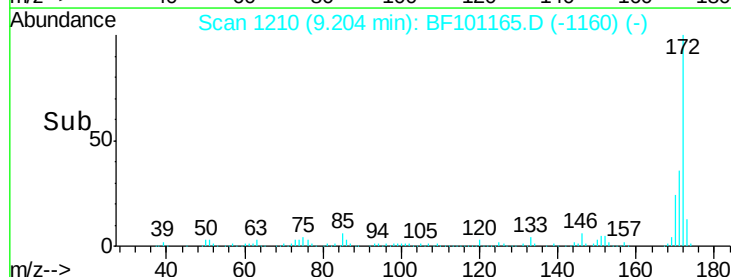
170 23.8 19.6 29.4

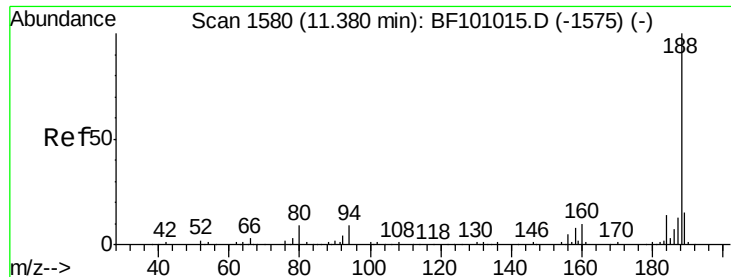


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

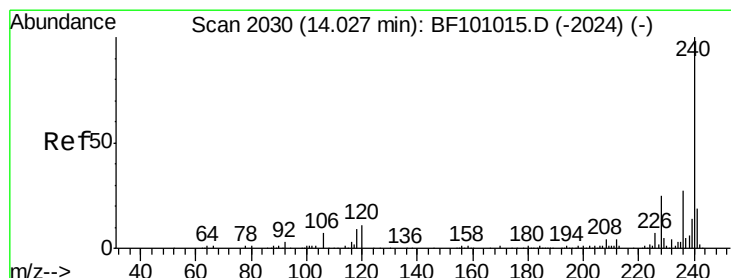
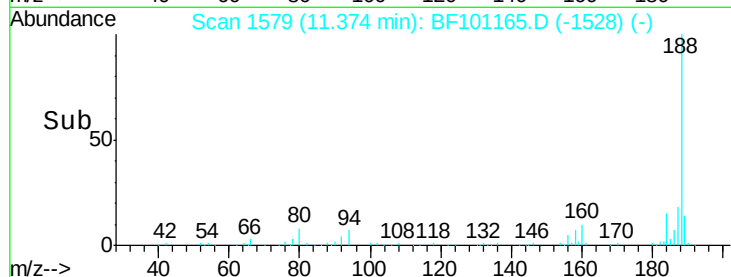
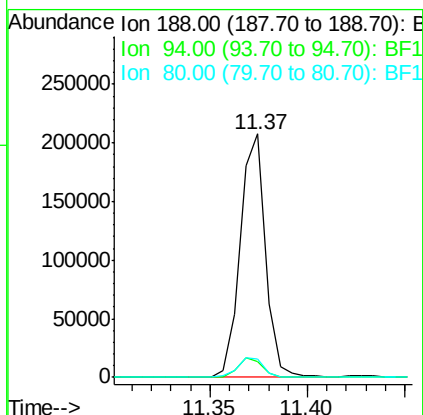
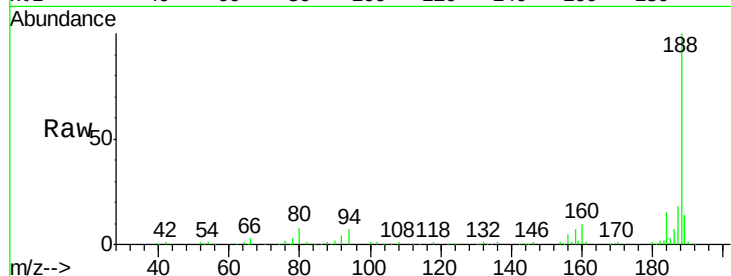




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

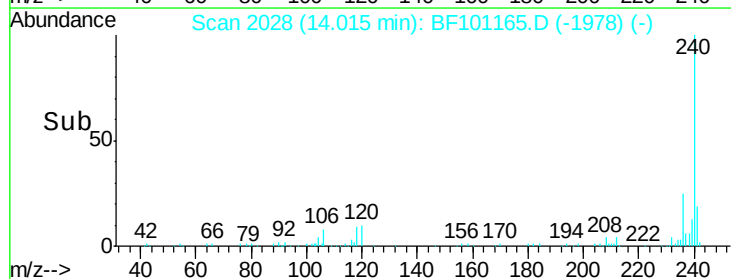
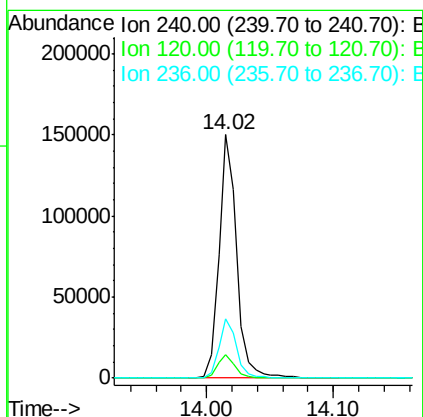
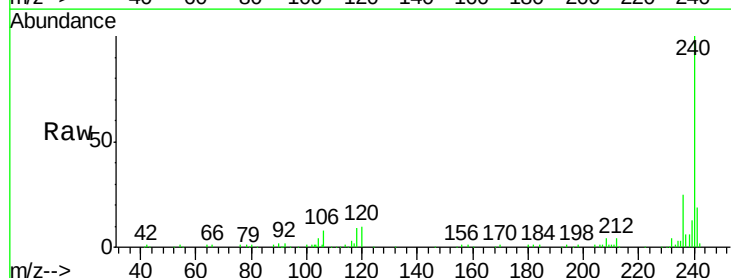
Instrument :
BNA_F
ClientSampleId :
PB104760BL

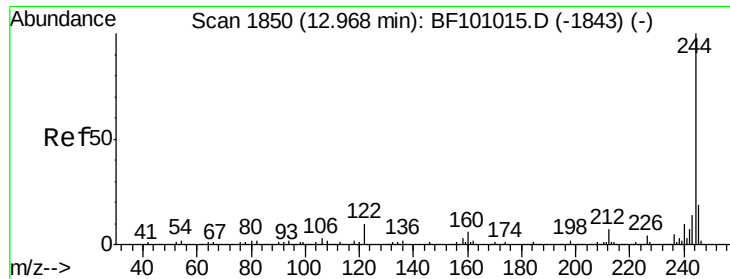
Tot Ion:188 Resp: 186469
Ion Ratio Lower Upper
188 100
94 6.7 8.5 12.7#
80 7.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101165.D
Acq: 6 Dec 2017 14:10

Tgt Ion:240 Resp: 146982
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.6 20.7 31.1





#78

Terphenyl-d14

Concen: 93.390 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

Instrument :

BNA_F

ClientSampleId :

PB104760BL

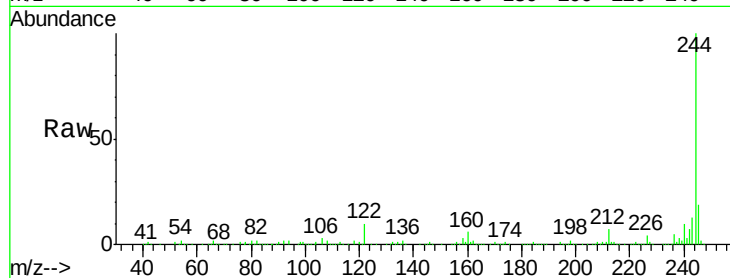
Tot Ion:244 Resp: 627573

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

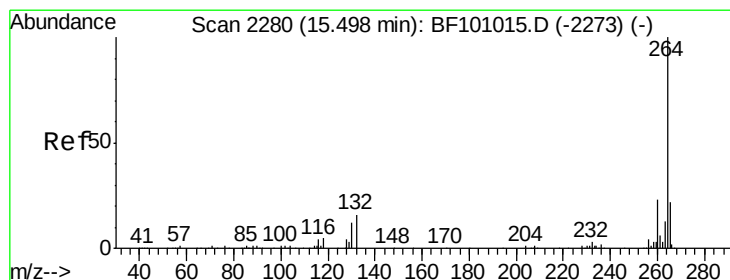
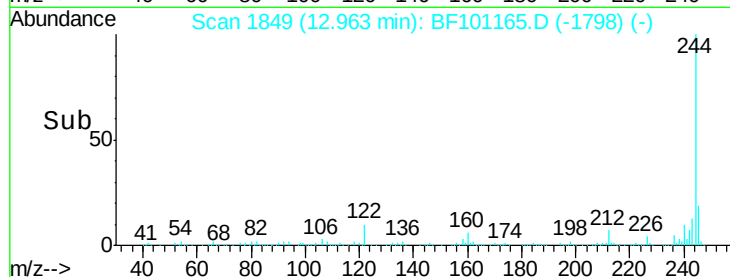
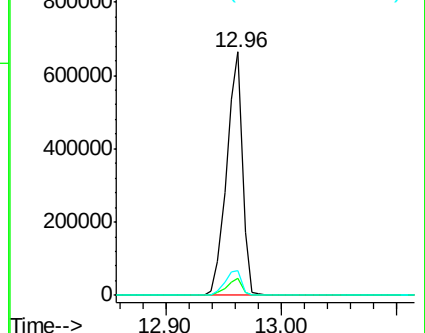
122 10.4 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101165.D

Acq: 6 Dec 2017 14:10

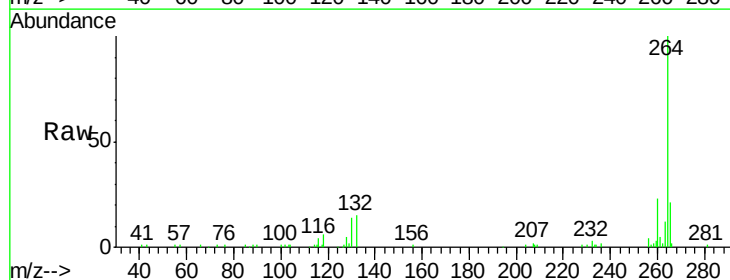
Tgt Ion:264 Resp: 105603

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.7 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

