

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101237.D
 Acq On : 8 Dec 2017 15:56
 Operator : SJ/JU
 Sample : PB104832BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104832BL

Quant Time: Dec 08 18:24:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46704	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	187248	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	93123	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	197119	20.00	ng	0.00
75) Chrysene-d12	14.00	240	182334	20.00	ng	0.00
86) Perylene-d12	15.46	264	157572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	340415	120.44	ng	0.01
7) Phenol-d6	6.46	99	409596	119.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	250068	79.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	129719	115.96	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	569584	83.69	ng	0.00
78) Terphenyl-d14	12.94	244	657362	78.86	ng	0.00

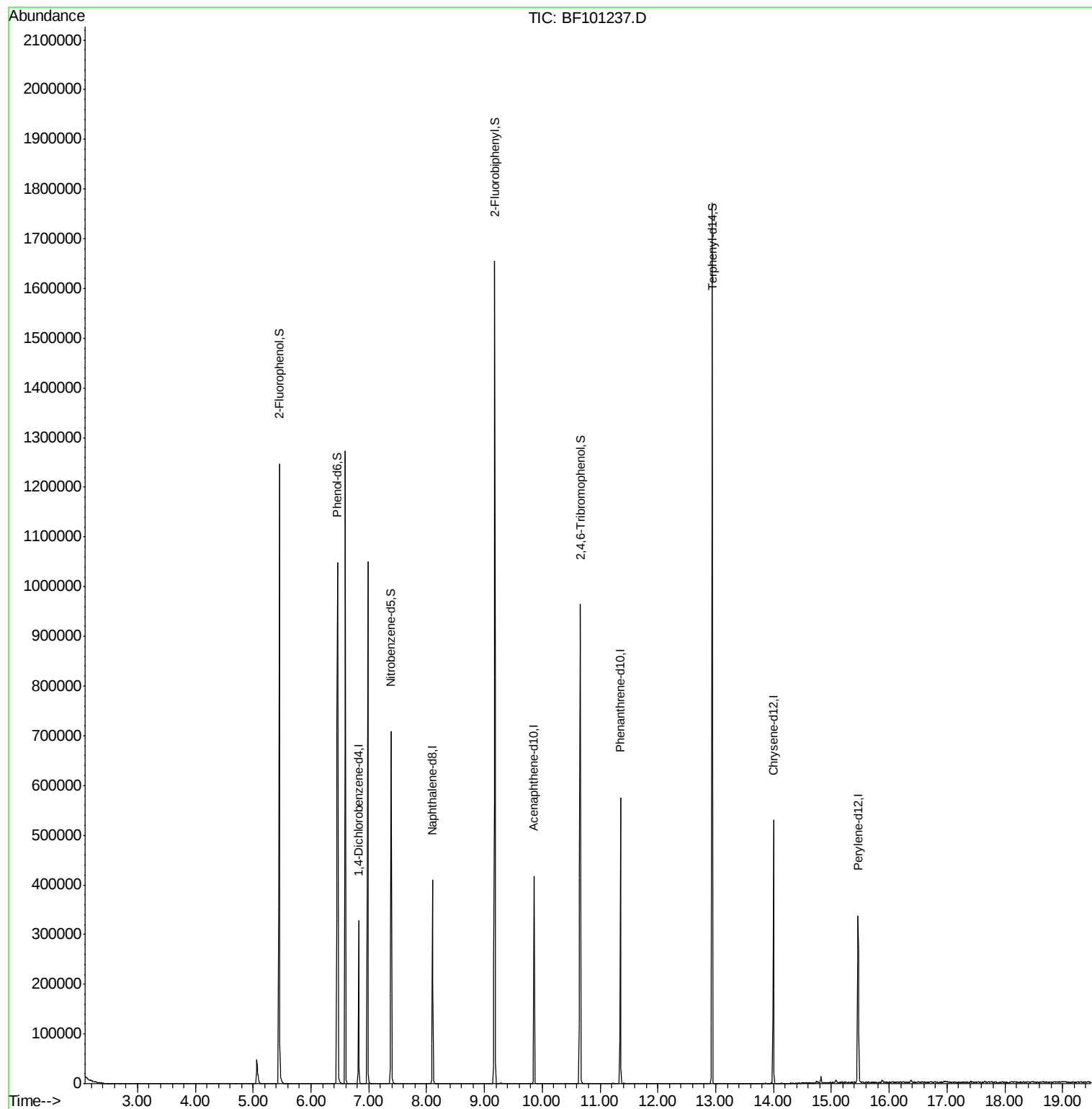
Target Compounds Qvalue

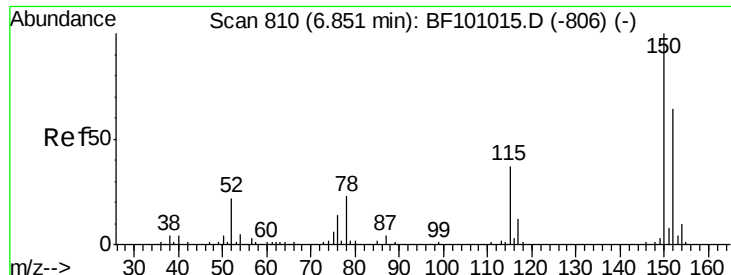
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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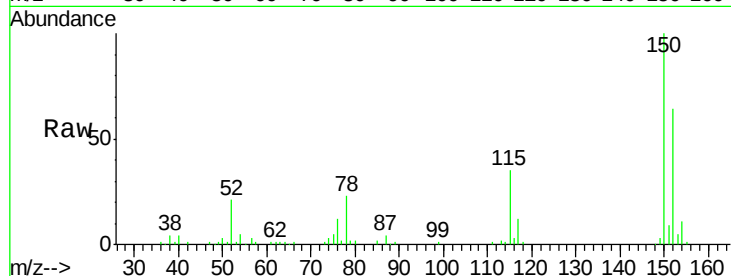


#1

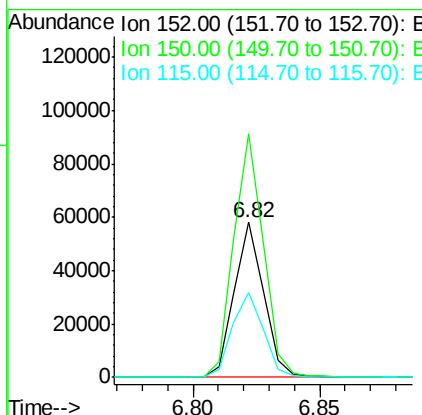
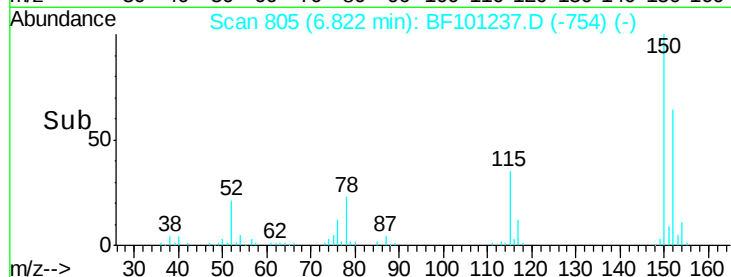
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB104832BL

Tot Ion:152 Resp: 46704
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 55.1 50.1 75.1



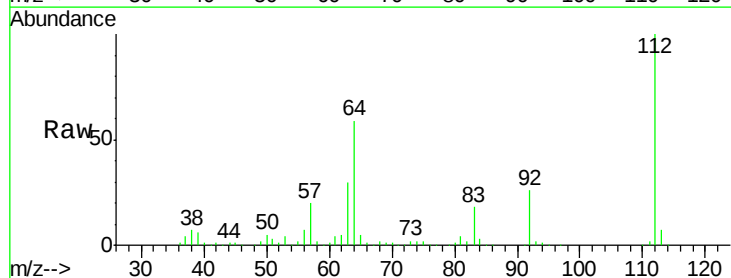
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



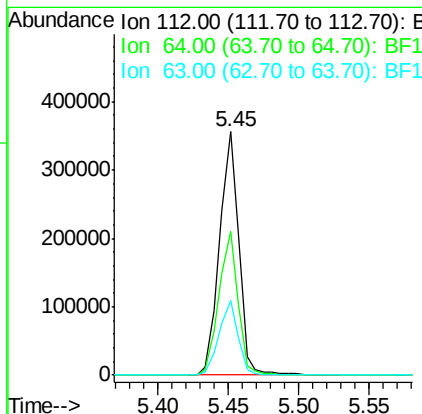
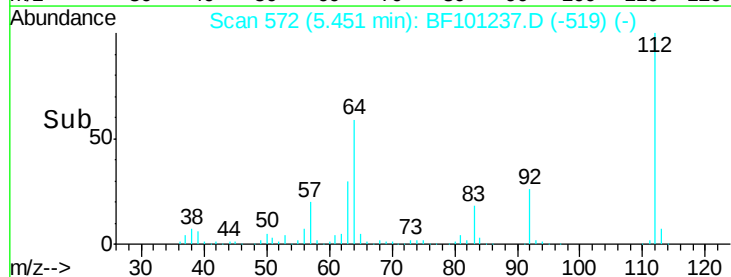
#5

2-Fluorophenol
 Concen: 120.443 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Tgt Ion:112 Resp: 340415
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 30.4 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: 119.364 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101237.D

Acq: 8 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB104832BL

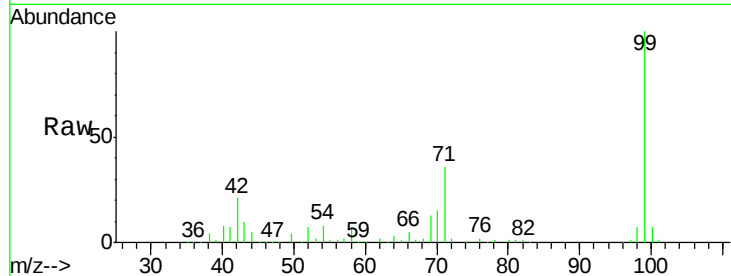
Tot Ion: 99 Resp: 409596

Ion Ratio Lower Upper

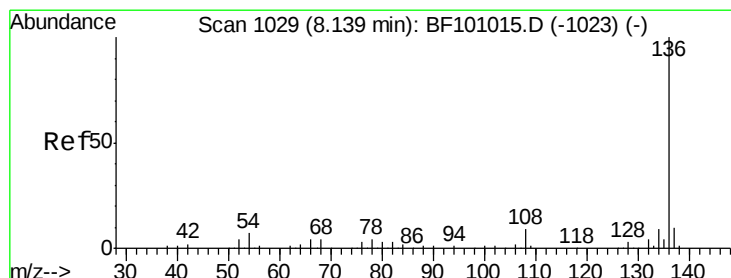
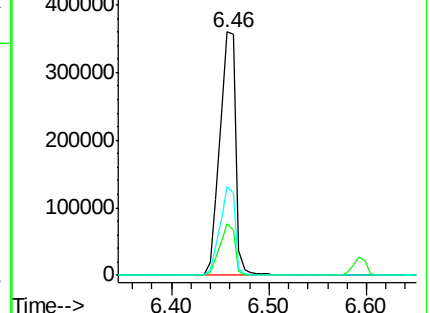
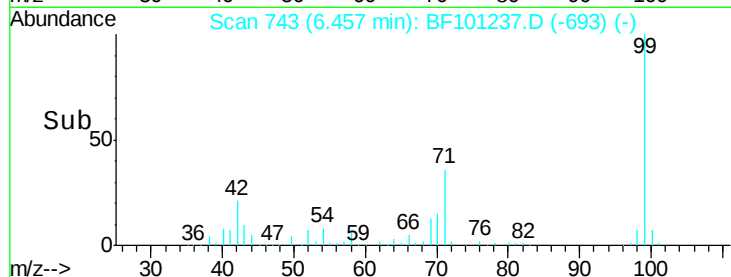
99 100

42 21.2 14.5 21.7

71 36.4 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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101237.D

Acq: 8 Dec 2017 15:56

Tgt Ion: 136 Resp: 187248

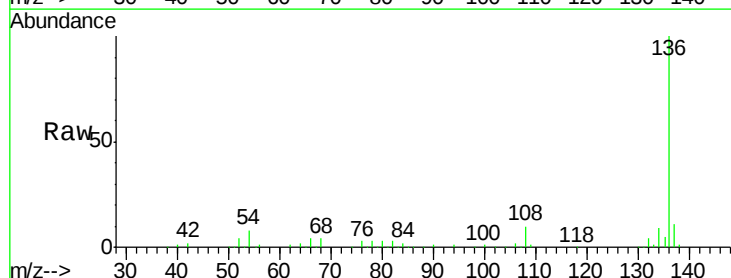
Ion Ratio Lower Upper

136 100

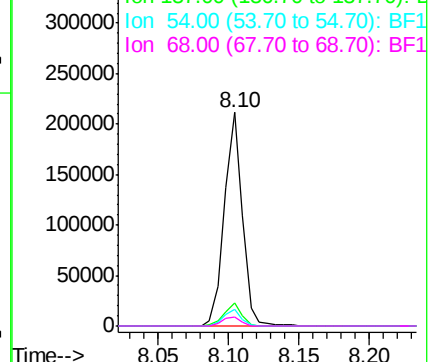
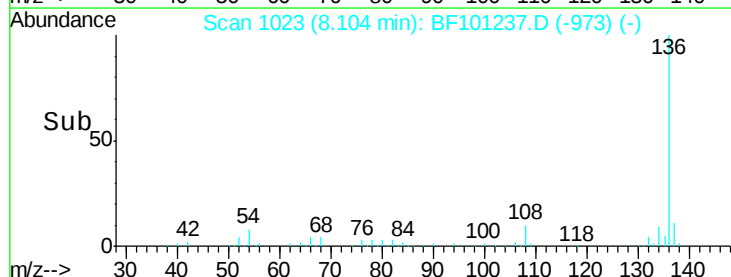
137 10.9 8.9 13.3

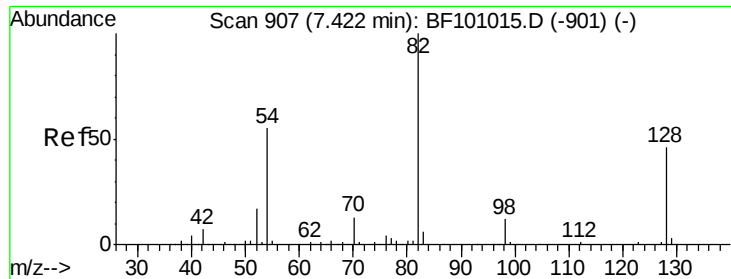
54 8.1 6.6 9.8

68 4.3 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

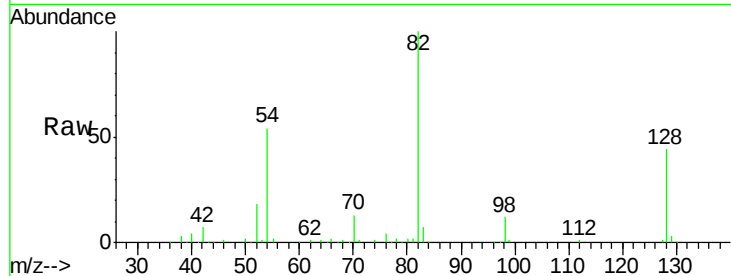




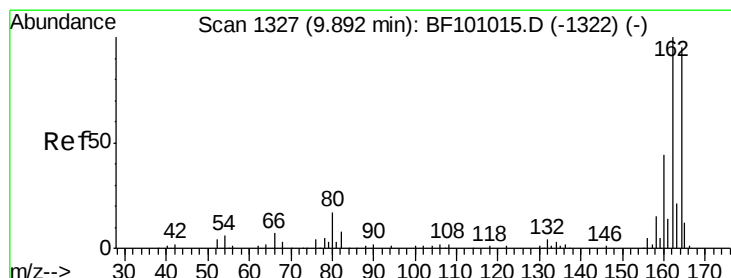
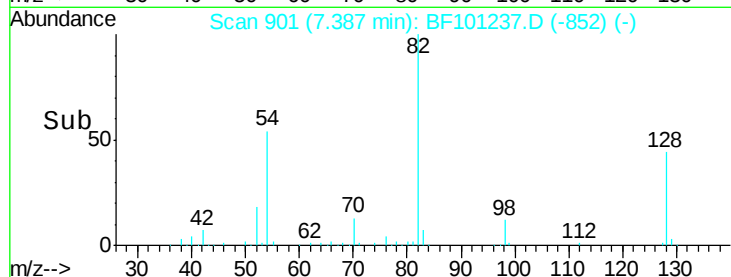
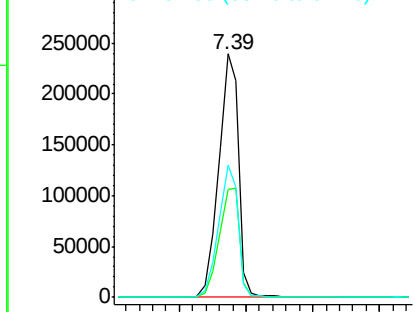
#23
 Nitrobenzene-d5
 Concen: 79.666 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB104832BL

Tot Ion: 82 Resp: 250068
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 54.4 41.4 62.2

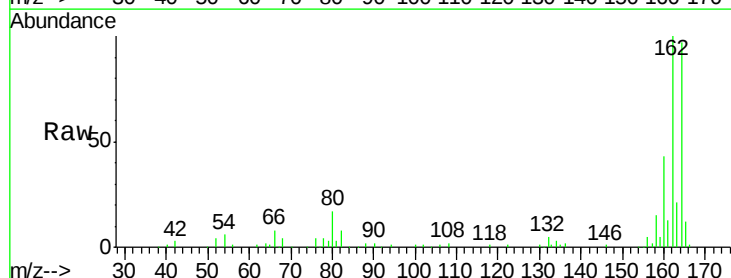


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

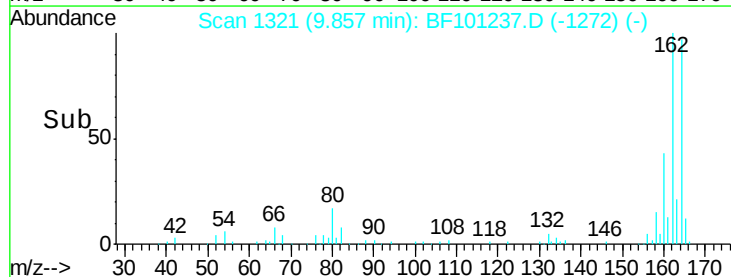
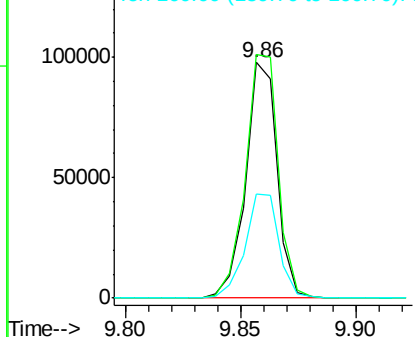


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Tgt Ion: 164 Resp: 93123
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 44.2 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

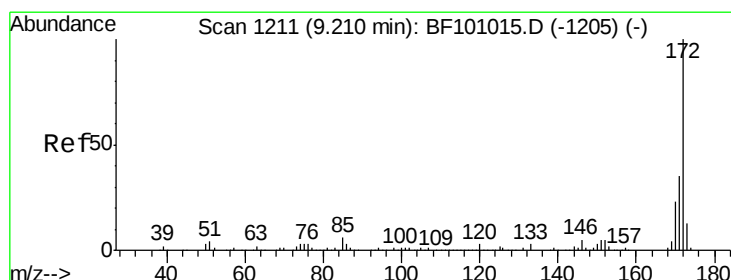
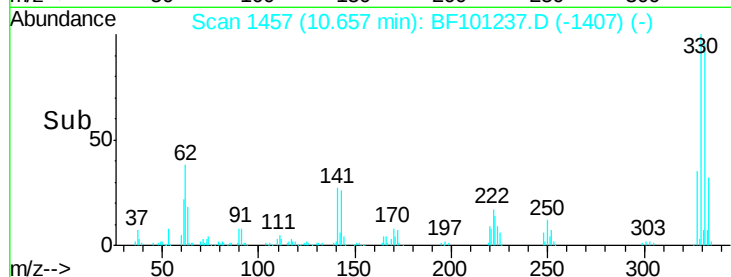
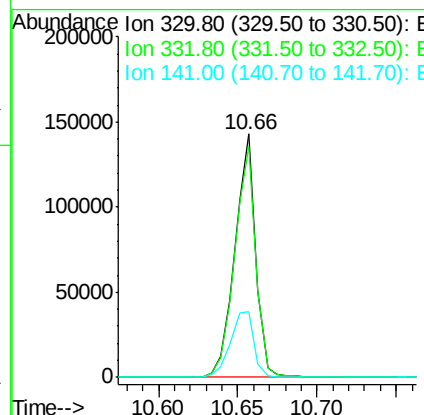
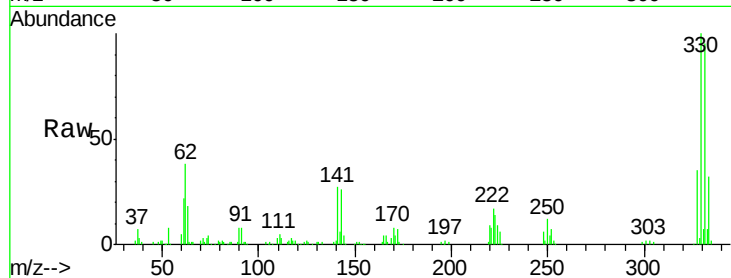




#41
 2,4,6-Tribromophenol
 Concen: 115.958 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

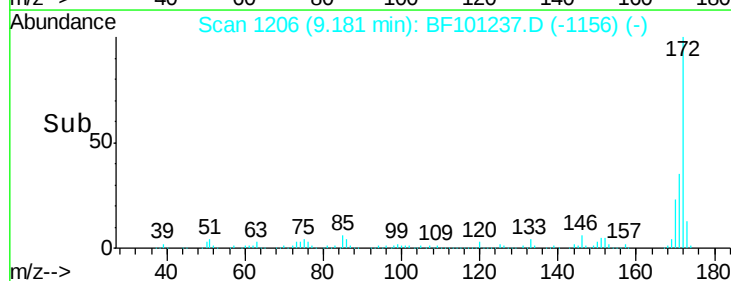
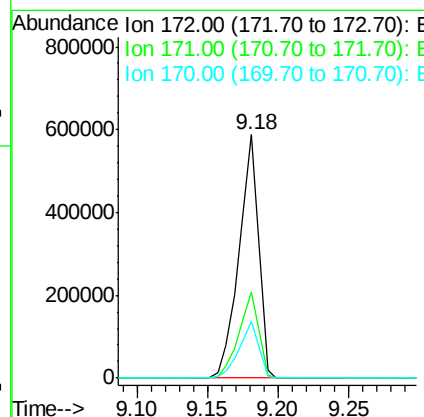
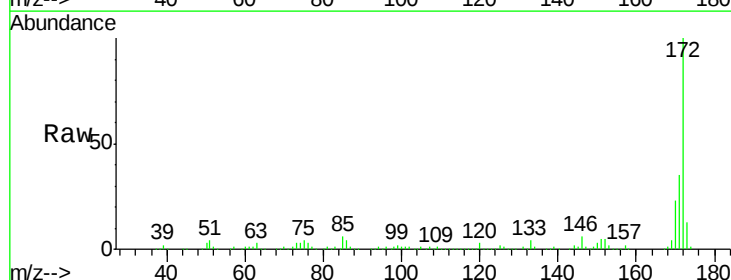
Instrument :
 BNA_F
 ClientSampleId :
 PB104832BL

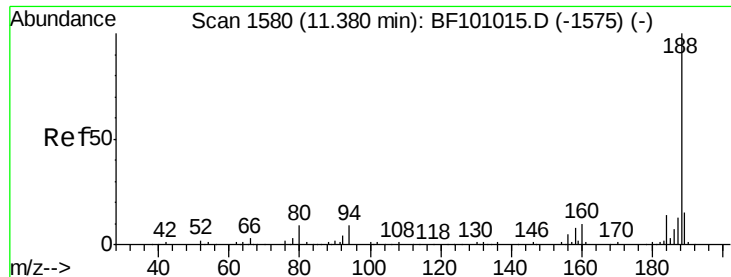
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 83.685 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

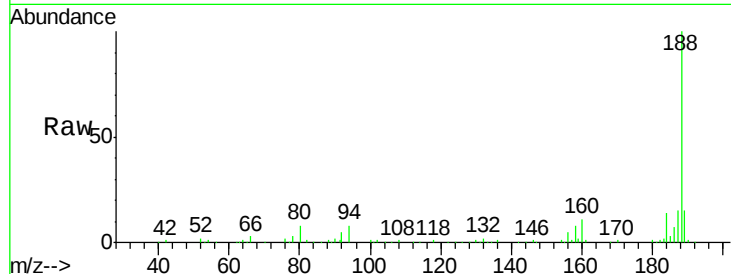




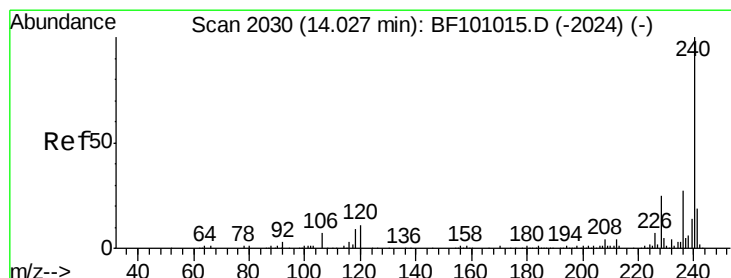
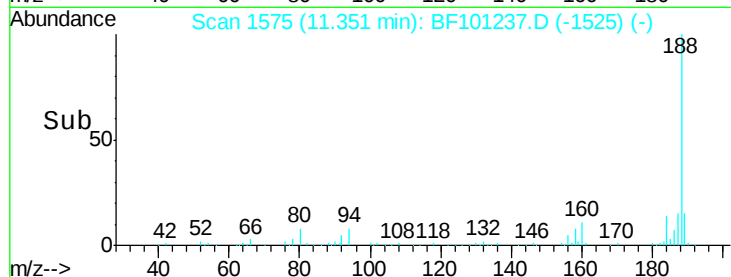
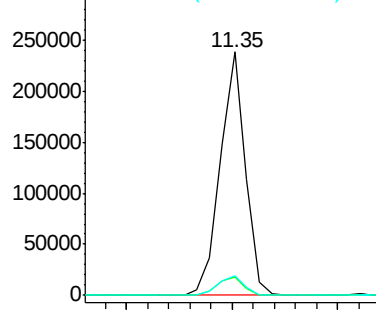
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101237.D
Acq: 8 Dec 2017 15:56

Instrument :
BNA_F
ClientSampleId :
PB104832BL

Tot Ion:188 Resp: 197119
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 7.9 9.2 13.8#

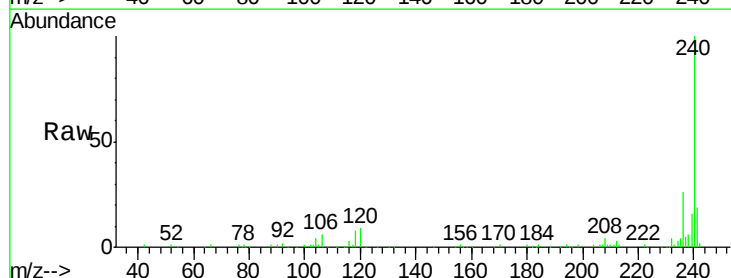


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

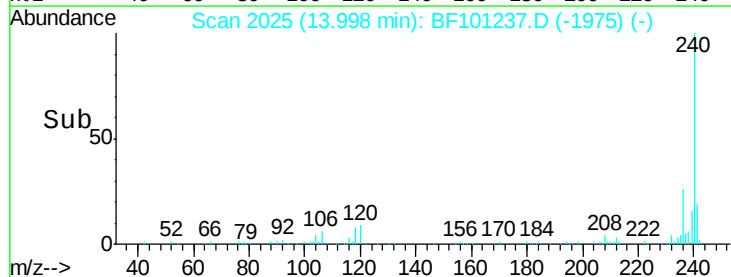
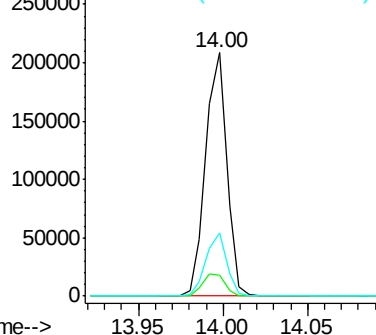


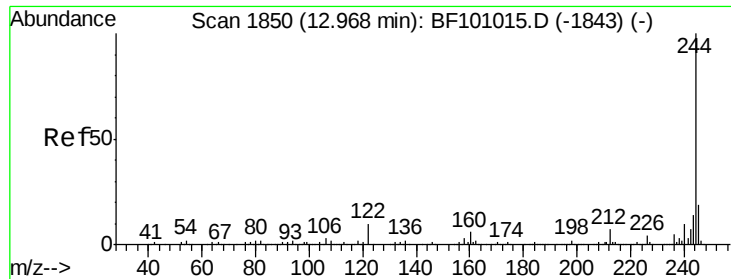
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101237.D
Acq: 8 Dec 2017 15:56

Tgt Ion:240 Resp: 182334
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

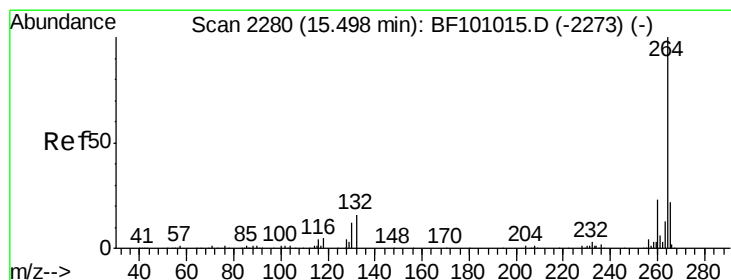
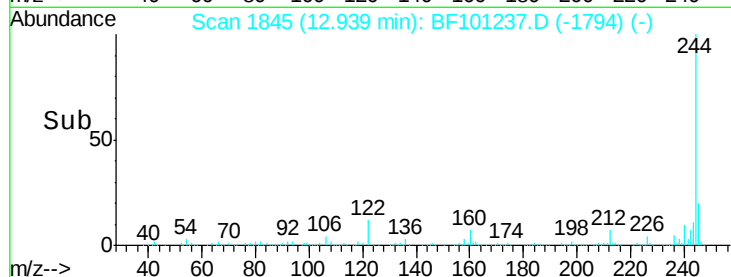
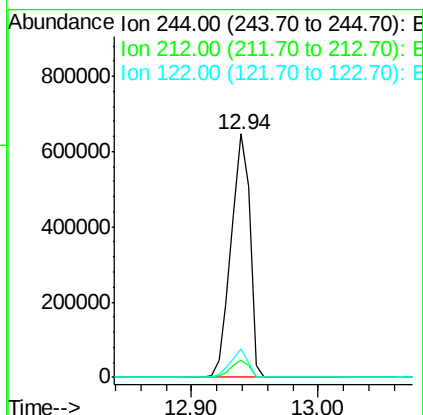
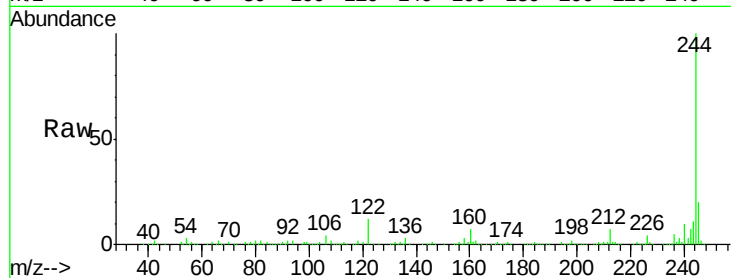




#78
 Terphenyl-d14
 Concen: 78.857 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB104832BL

Tot Ion:244 Resp: 657362
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101237.D
 Acq: 8 Dec 2017 15:56

Tgt Ion:264 Resp: 157572
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.5 26.3

