

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101243.D
 Acq On : 8 Dec 2017 18:37
 Operator : SJ/JU
 Sample : I6680-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-D

Quant Time: Dec 08 22:01:18 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	42666	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	165132	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	72989	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	125794	20.00	ng	0.00
75) Chrysene-d12	14.00	240	100858	20.00	ng	0.00
86) Perylene-d12	15.47	264	87629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	56093	21.72	ng	0.00
7) Phenol-d6	6.45	99	67356	21.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	38726	13.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	15745	17.96	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	80989	15.18	ng	0.00
78) Terphenyl-d14	12.93	244	60538	13.13	ng	0.00

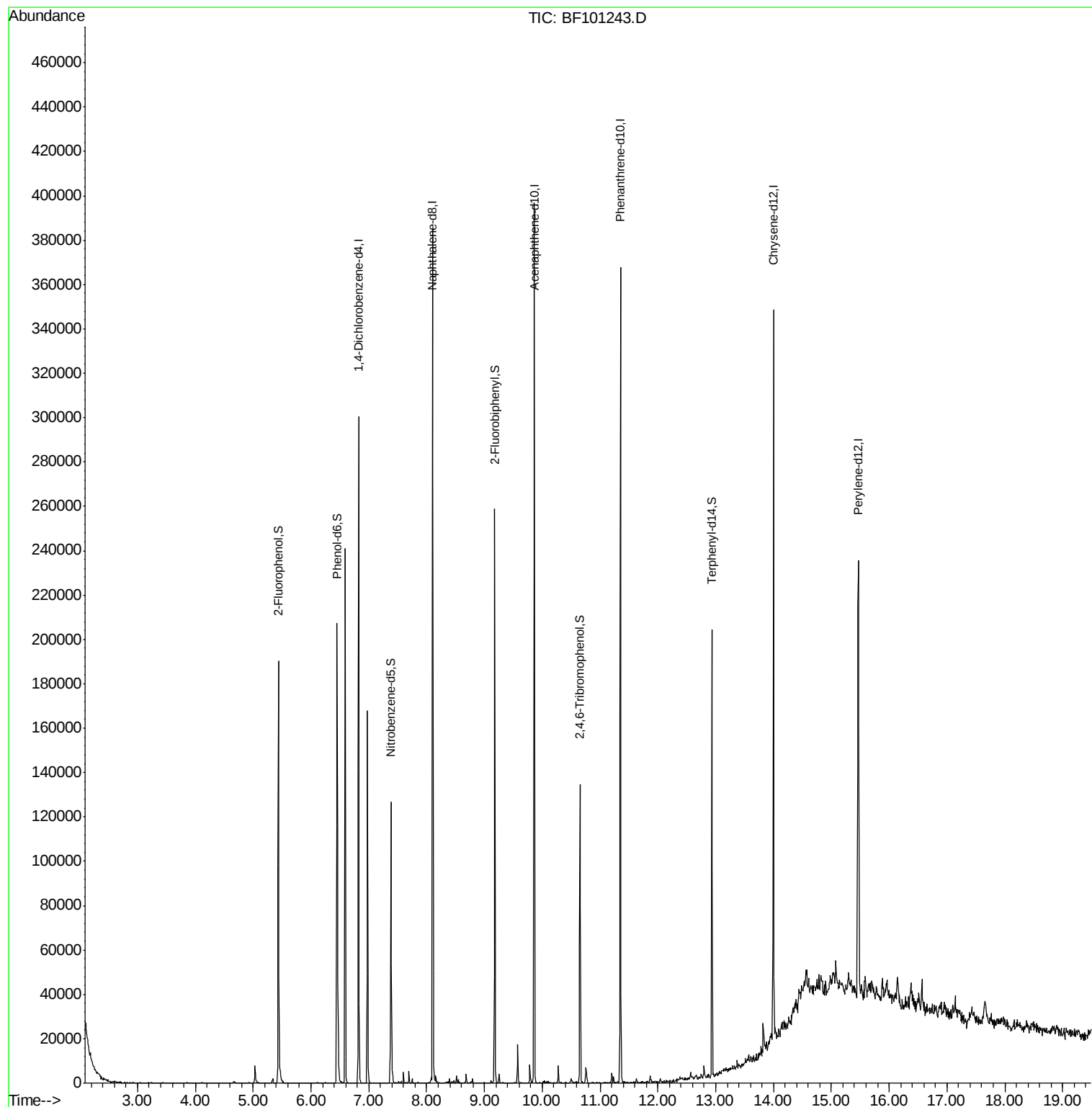
Target Compounds Qvalue

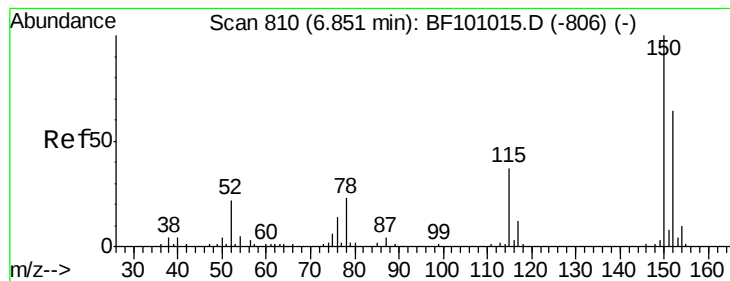
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101243.D
Acq On : 8 Dec 2017 18:37
Operator : SJ/JU
Sample : I6680-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-D

Quant Time: Dec 08 22:01:18 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



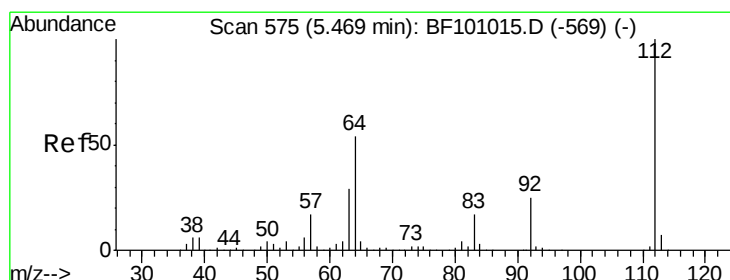
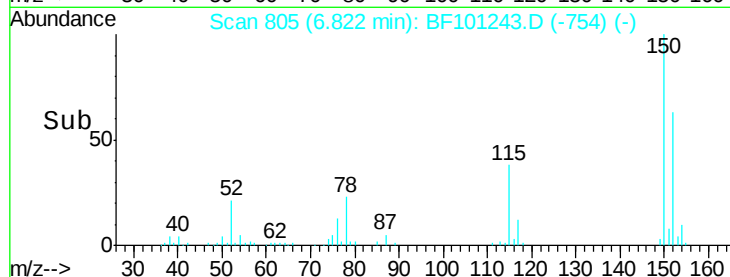
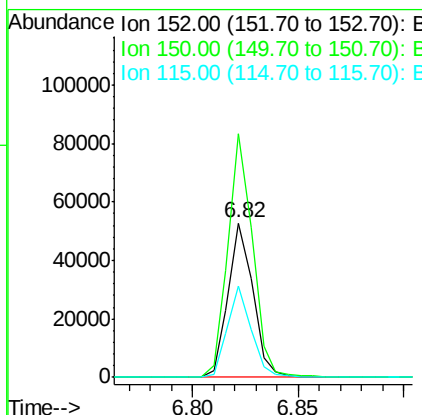
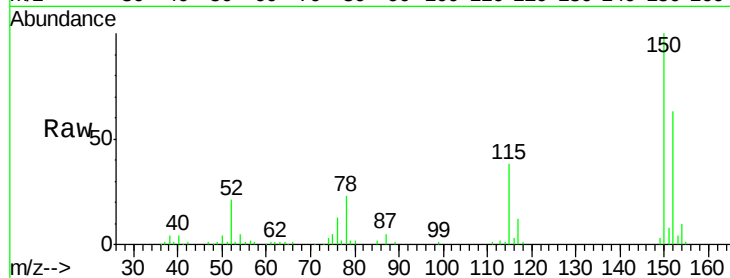


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-D

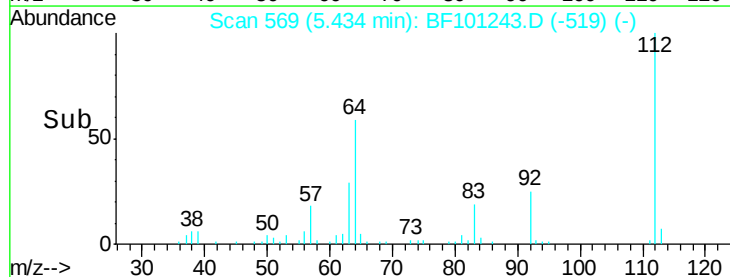
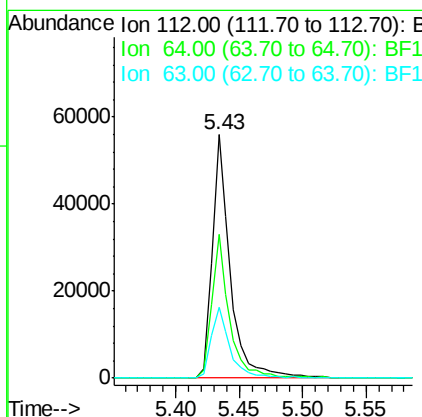
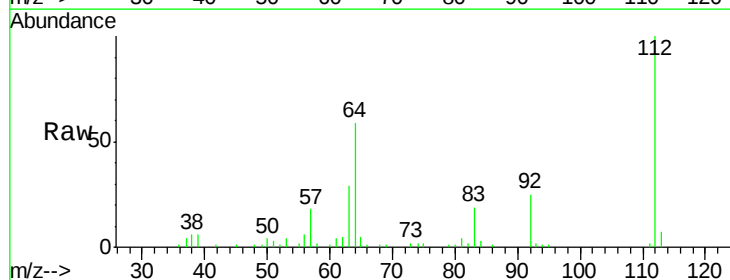
Tot Ion:152 Resp: 42666
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 59.4 50.1 75.1

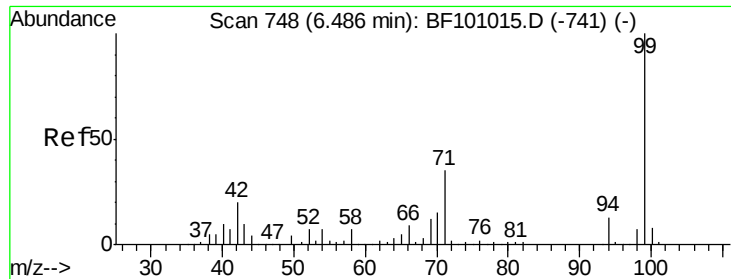


#5

2-Fluorophenol
 Concen: 21.725 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt Ion:112 Resp: 56093
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 21.487 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-D

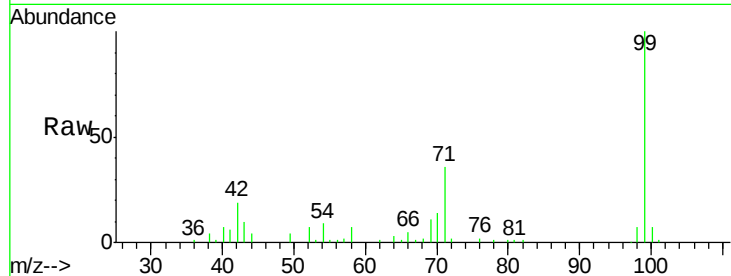
Tot Ion: 99 Resp: 67356

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

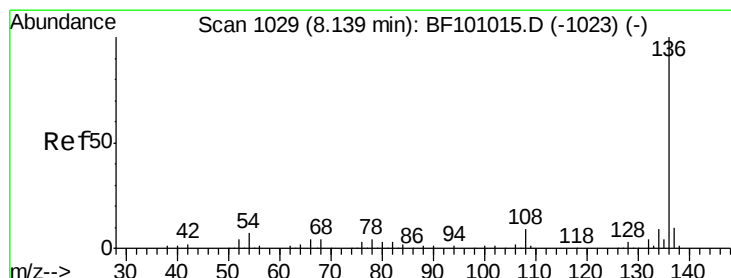
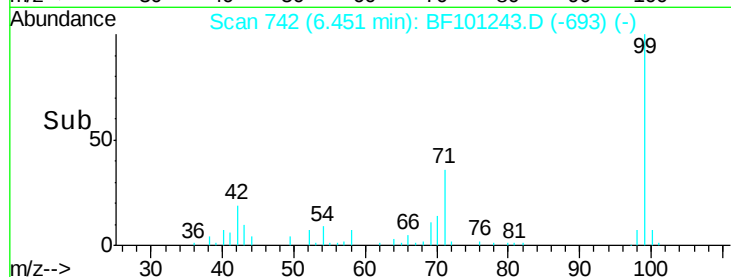
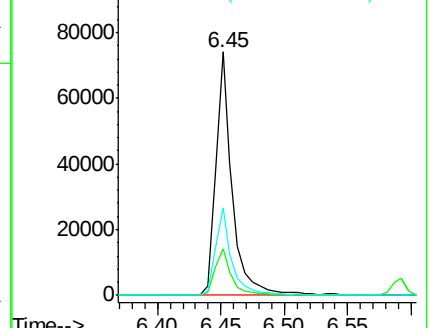
71 35.9 25.4 38.0



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: BF101243.D

Acq: 8 Dec 2017 18:37

Tgt Ion: 136 Resp: 165132

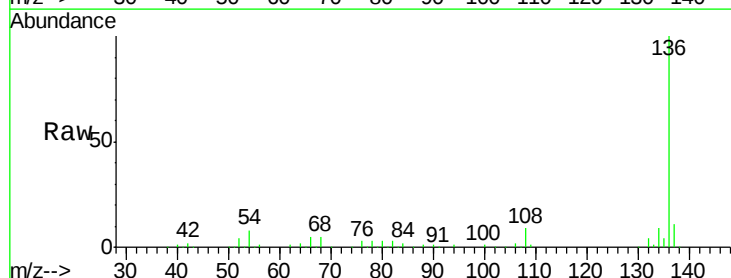
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 5.0 5.0 7.4

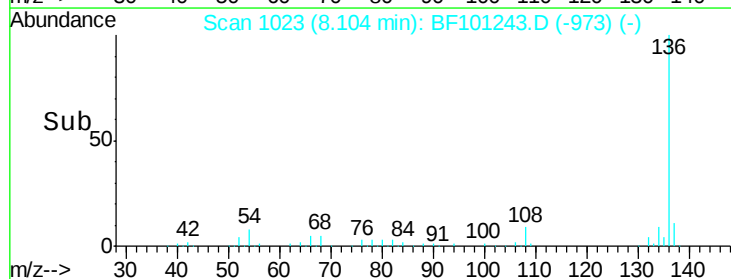
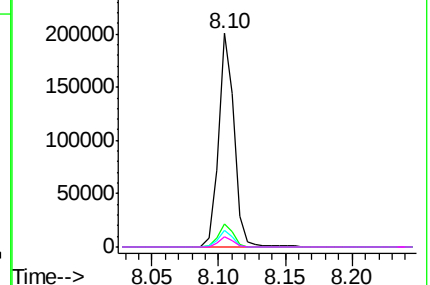


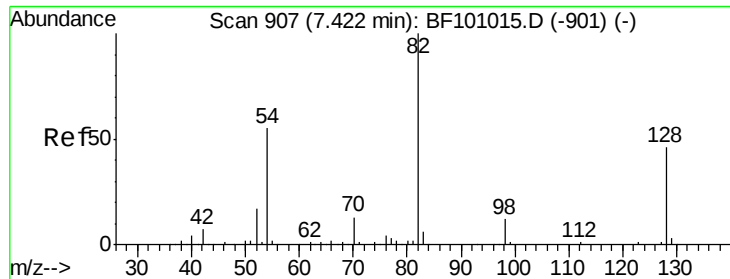
Abundance Ion 136.00 (135.70 to 136.70): E

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

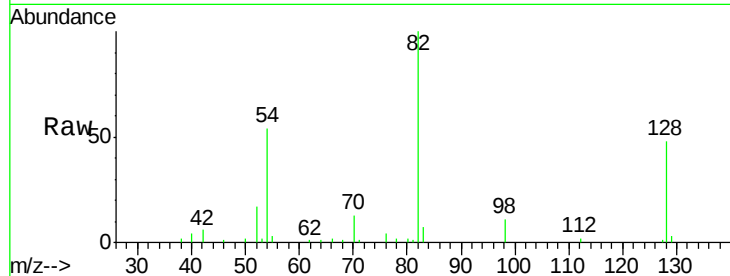




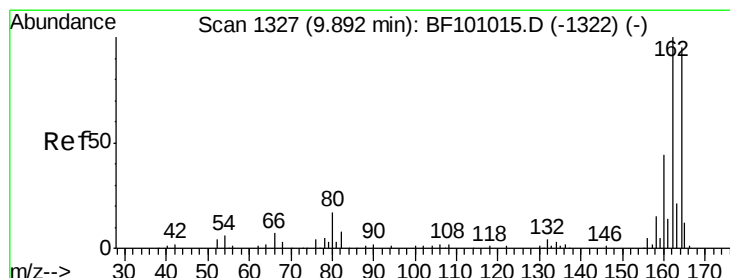
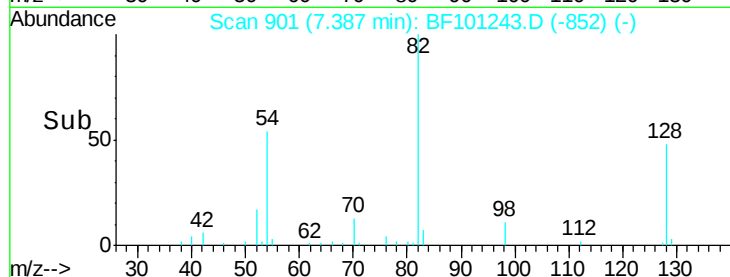
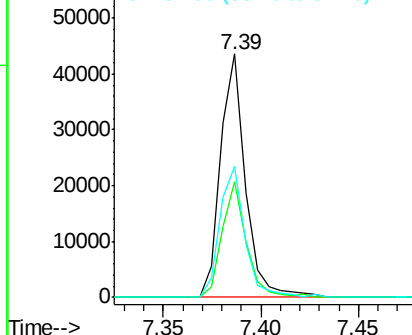
#23
 Nitrobenzene-d5
 Concen: 13.990 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-D

Tot Ion: 82 Resp: 38726
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 53.8 41.4 62.2

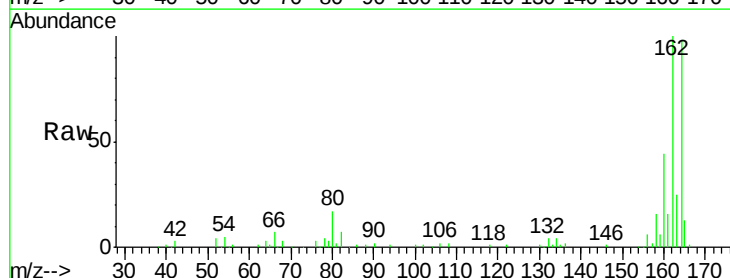


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

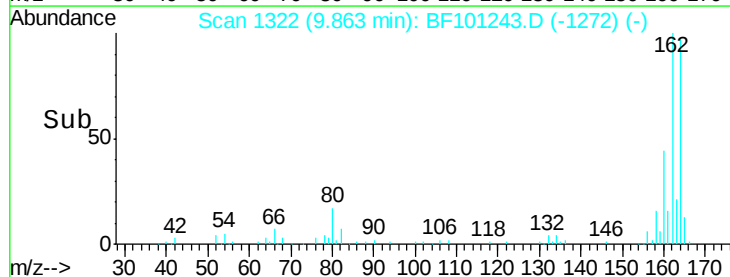
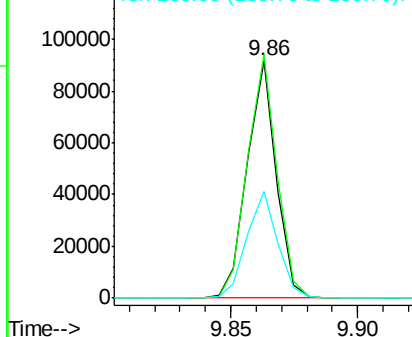


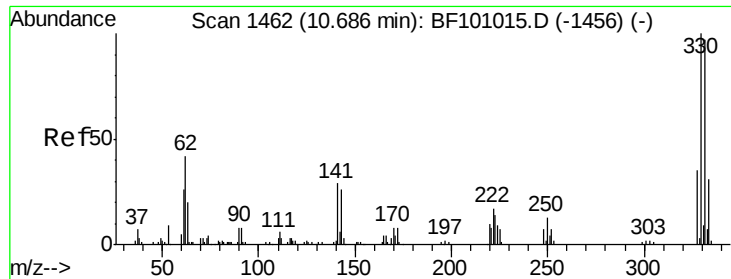
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt Ion:164 Resp: 72989
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 45.1 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

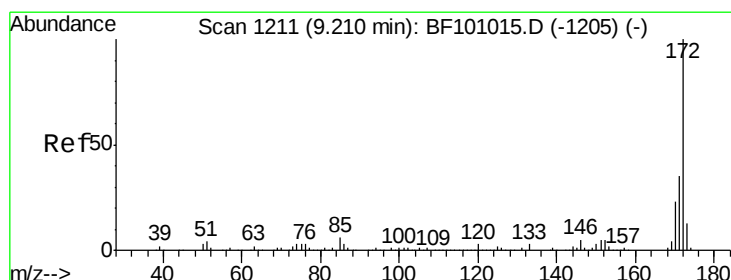
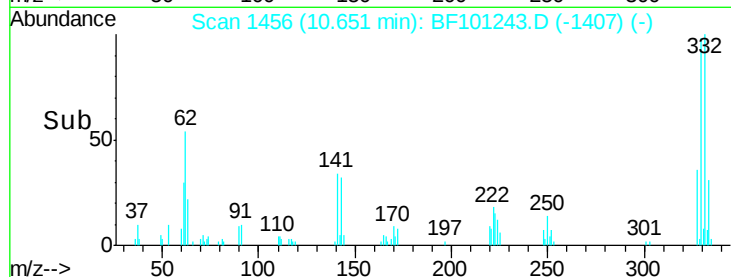
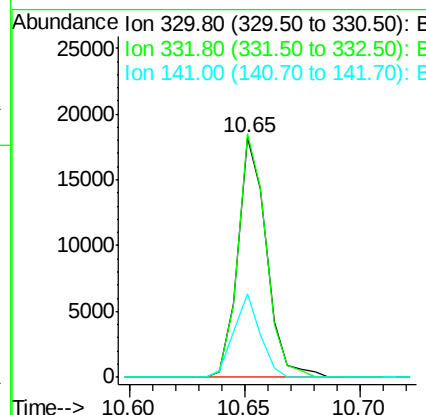
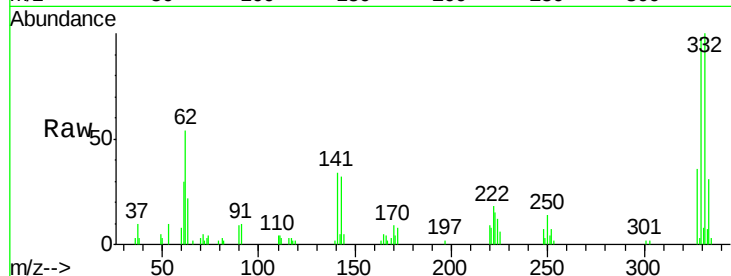




#41
 2,4,6-Tribromophenol
 Concen: 17.957 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

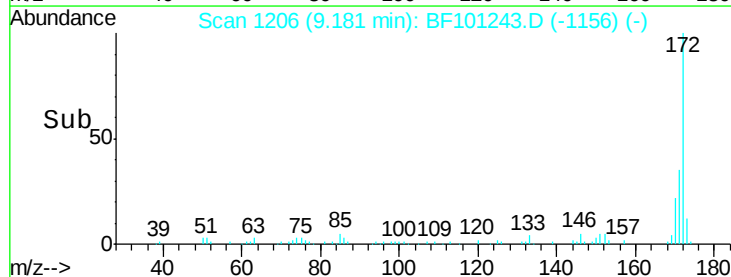
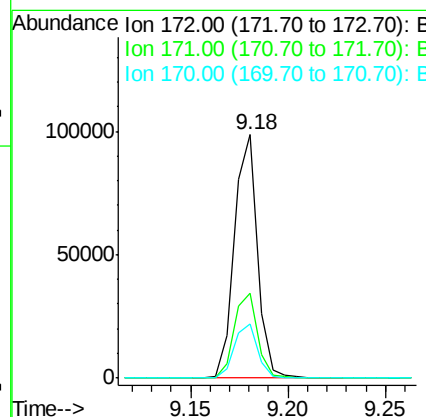
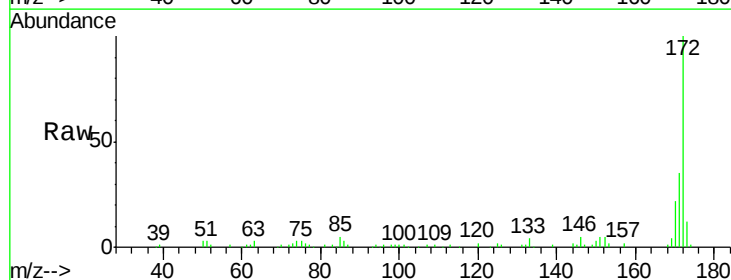
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-120617-D

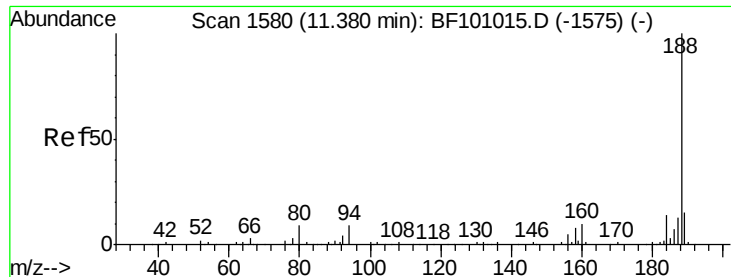
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	31.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 15.182 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101243.D
 Acq: 8 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.4	19.6	29.4

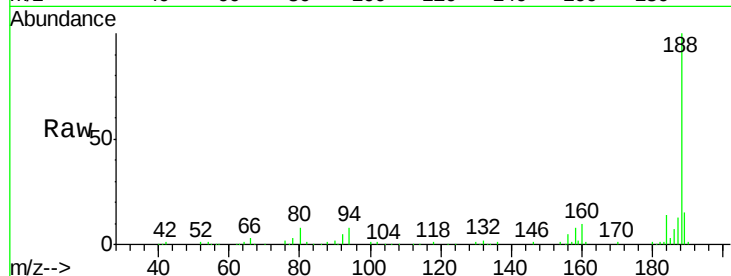




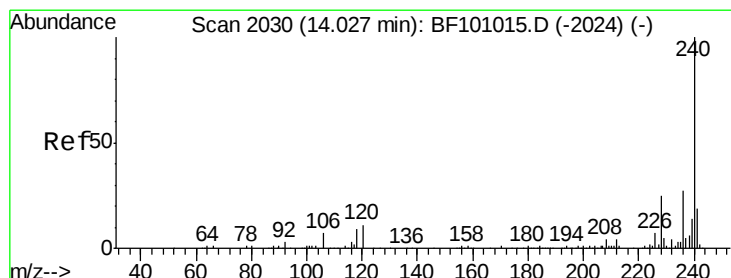
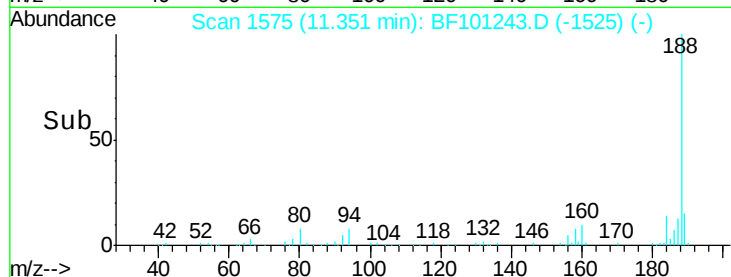
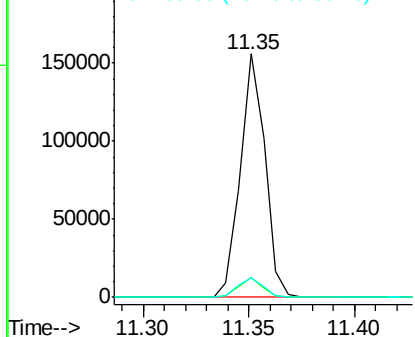
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Instrument :
BNA_F
ClientSampleId :
CL-01-120617-D

Tot Ion:188 Resp: 125794
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.3 9.2 13.8#

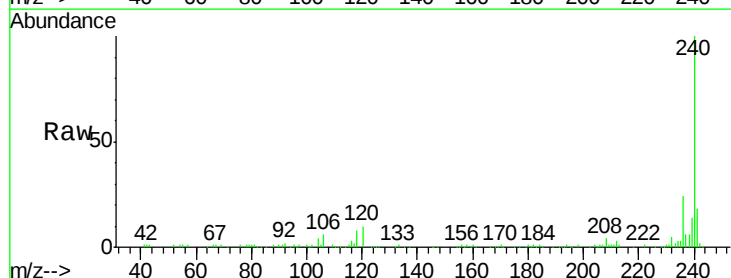


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

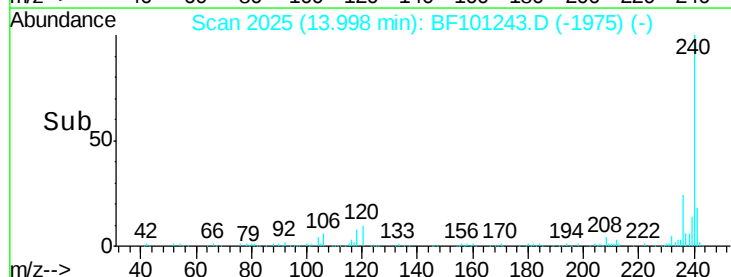
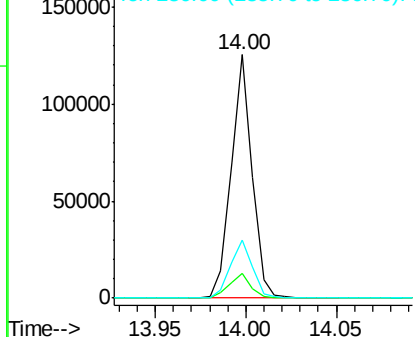


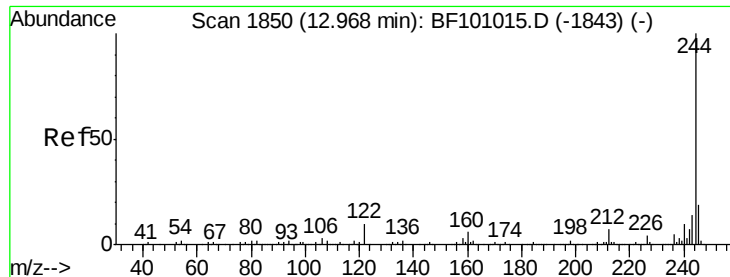
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101243.D
Acq: 8 Dec 2017 18:37

Tgt Ion:240 Resp: 100858
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 23.8 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: 13.129 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

Instrument :

BNA_F

ClientSampleId :

CL-01-120617-D

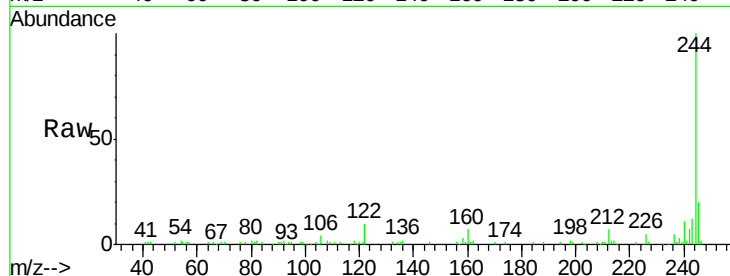
Tot Ion:244 Resp: 60538

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

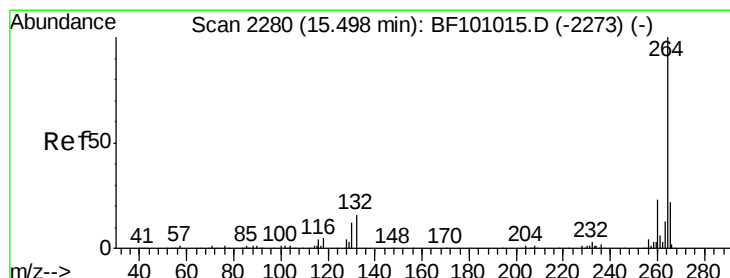
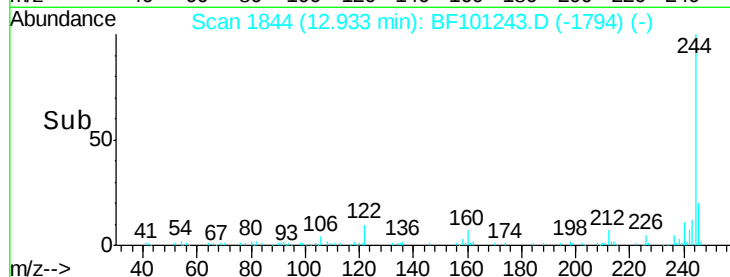
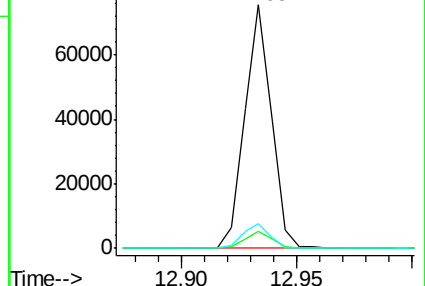
122 10.3 11.0 16.4#



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101243.D

Acq: 8 Dec 2017 18:37

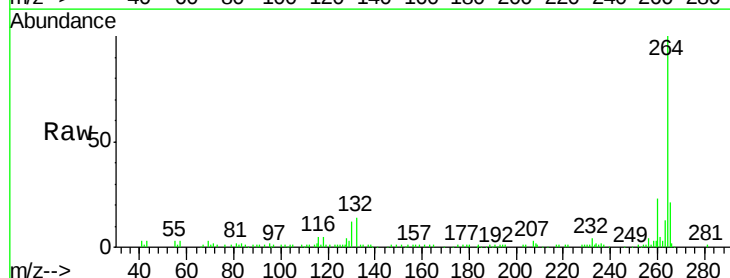
Tgt Ion:264 Resp: 87629

Ion Ratio Lower Upper

264 100

260 22.6 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

