

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102660.D
 Acq On : 31 Jan 2018 17:48
 Operator : SJ/JU
 Sample : J1407-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

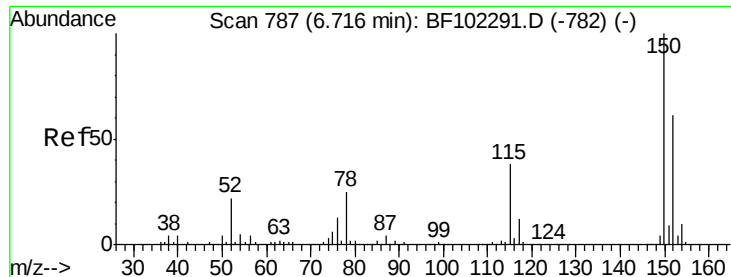
Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Quant Time: Jan 31 18:48:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	141509	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	591602	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	267836	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	482546	20.00	ng	0.00
75) Chrysene-d12	13.86	240	426371	20.00	ng	0.00
86) Perylene-d12	15.28	264	335494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	590246	63.24	ng	0.00
7) Phenol-d6	6.35	99	450090	40.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	891564	86.60	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	305340	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1536220	84.33	ng	0.00
78) Terphenyl-d14	12.81	244	1545323	81.71	ng	0.00

Target Compounds Qvalue

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

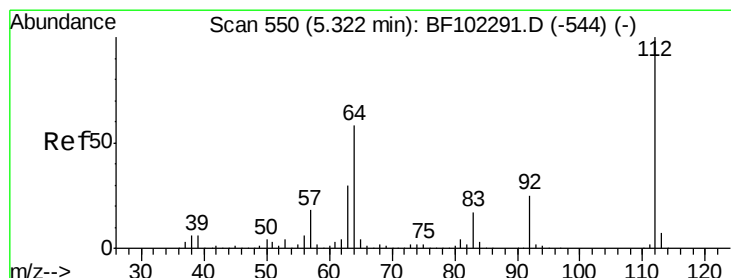
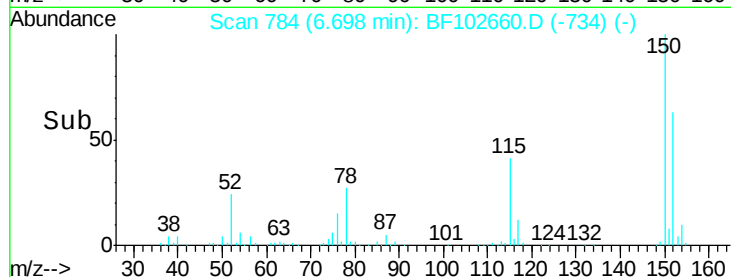
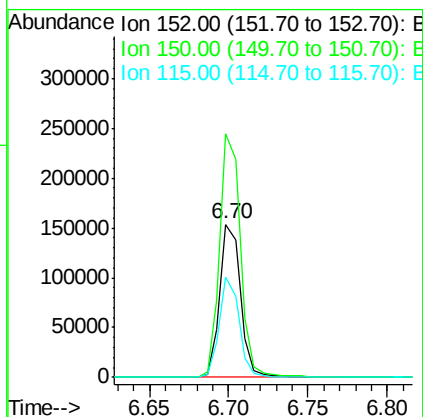
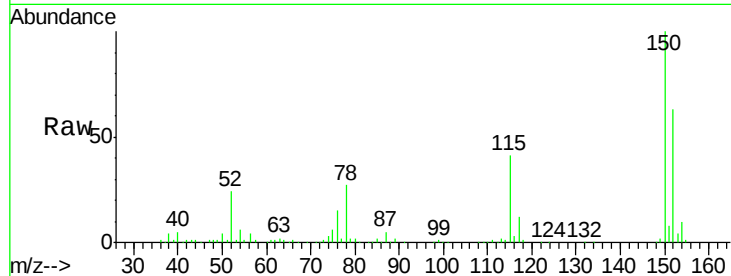


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TW-01

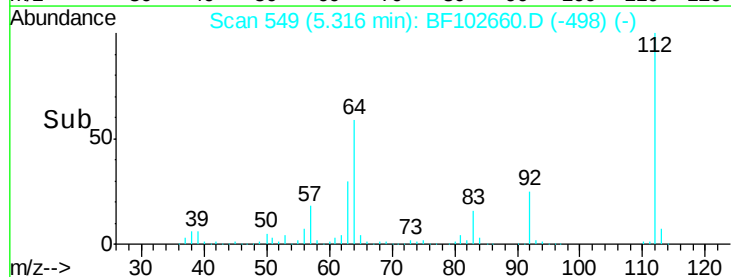
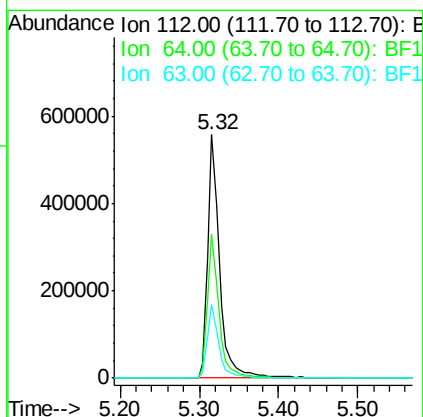
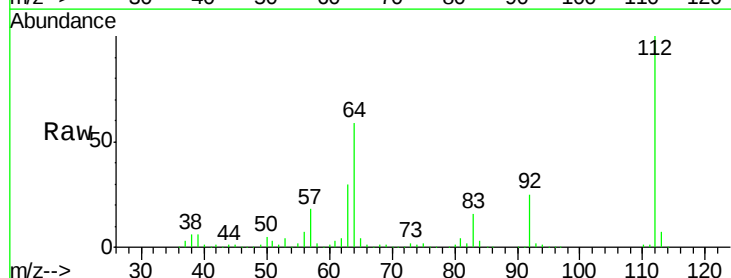
Tot Ion:152 Resp: 141509
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.6 50.1 75.1

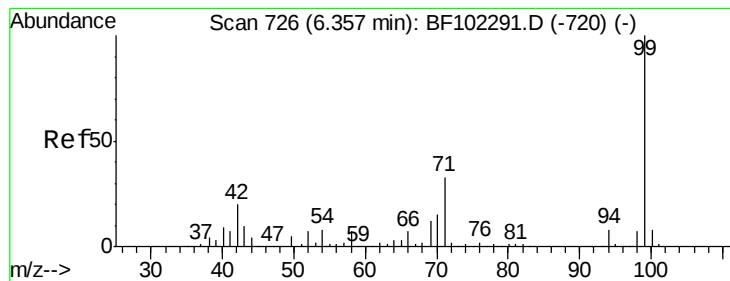


#5

2-Fluorophenol
Concen: 63.244 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Tgt Ion:112 Resp: 590246
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 40.003 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

Instrument :

BNA_F

ClientSampled :

TW-01

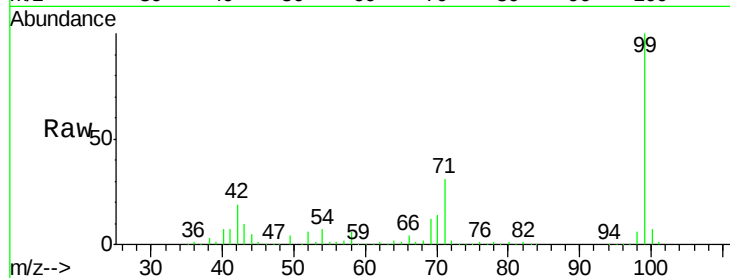
Tot Ion: 99 Resp: 450090

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

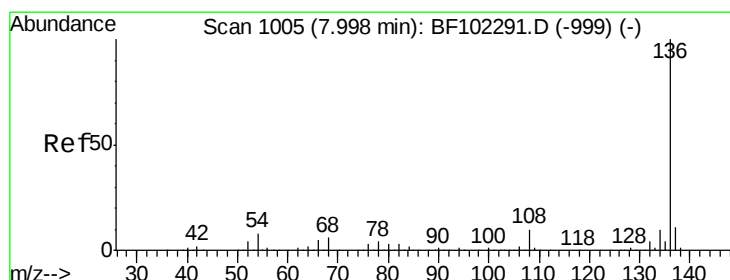
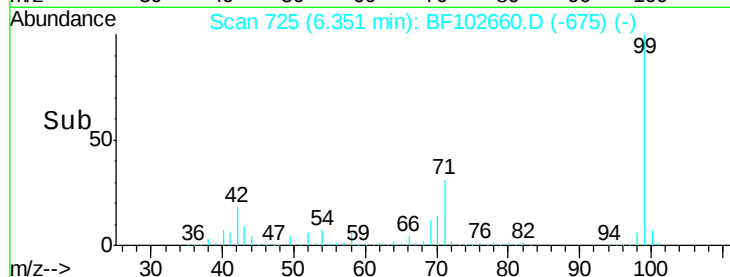
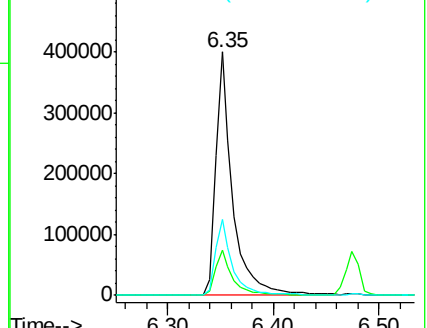
71 31.1 25.4 38.0



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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

Tgt Ion: 136 Resp: 591602

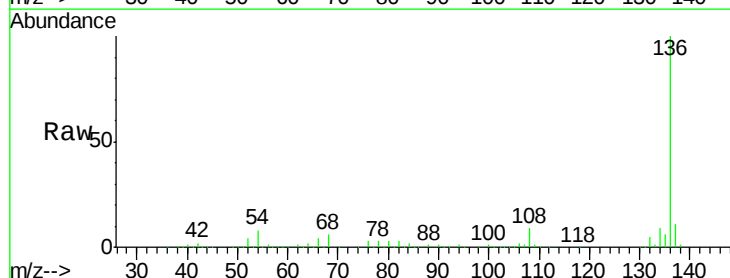
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 5.7 5.0 7.4

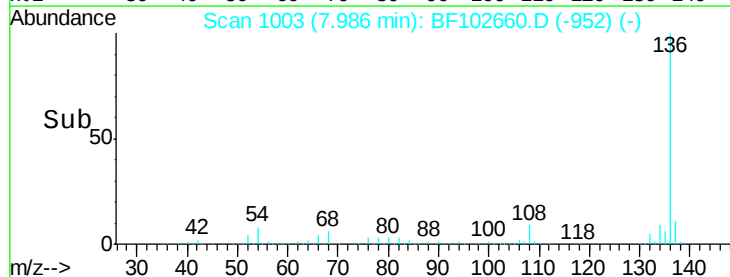
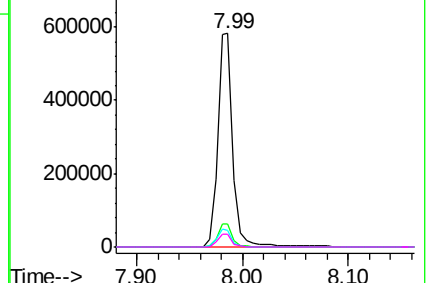


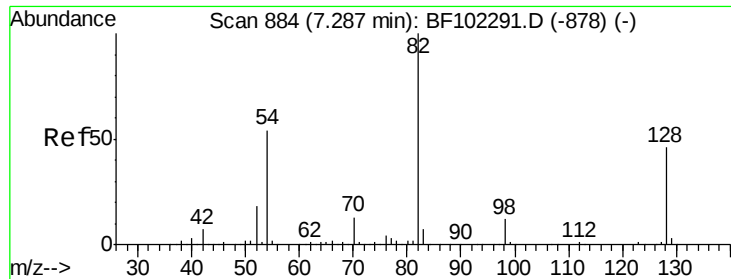
Abundance Ion 136.00 (135.70 to 136.70): E

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

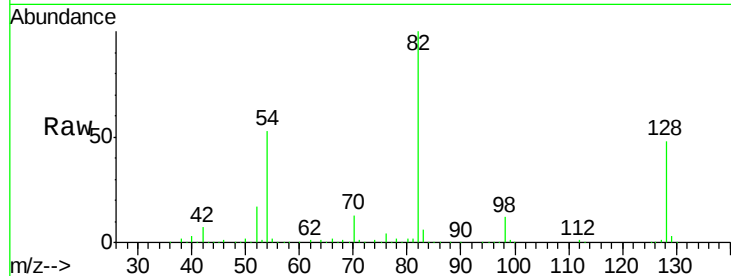




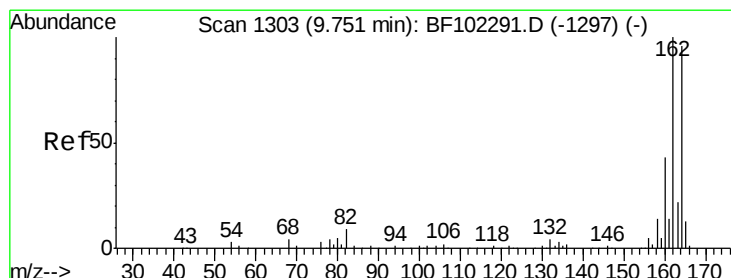
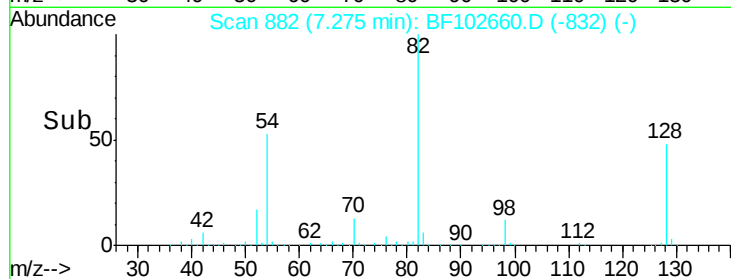
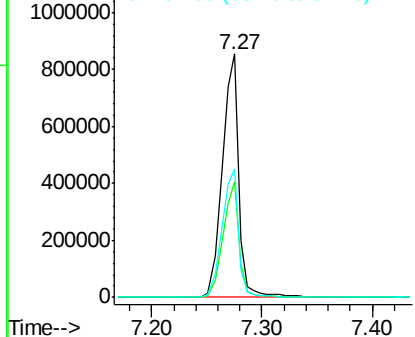
#23
 Nitrobenzene-d5
 Concen: 86.605 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Tot Ion: 82 Resp: 891564
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 52.6 41.4 62.2

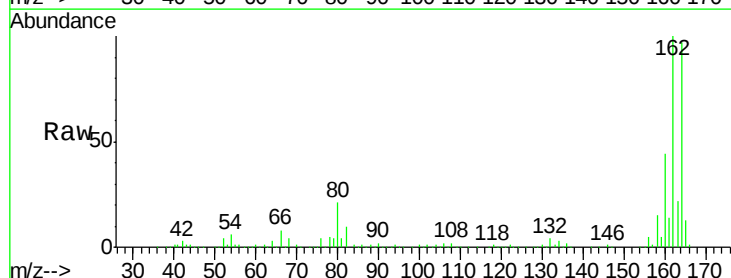


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

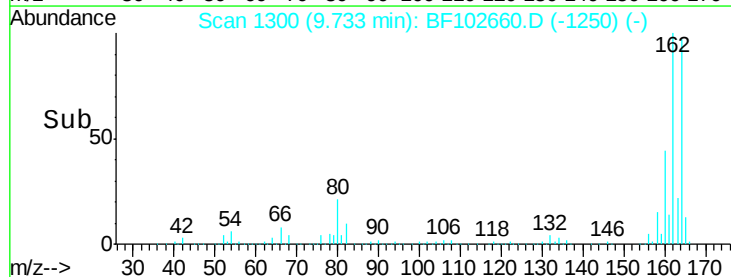
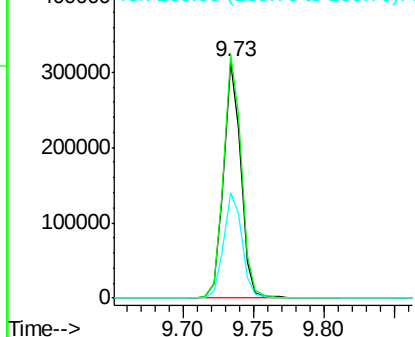


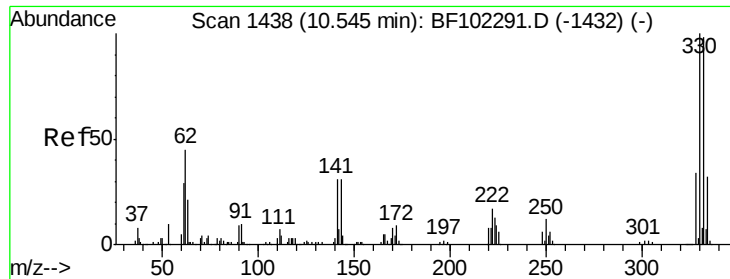
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:164 Resp: 267836
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.9 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

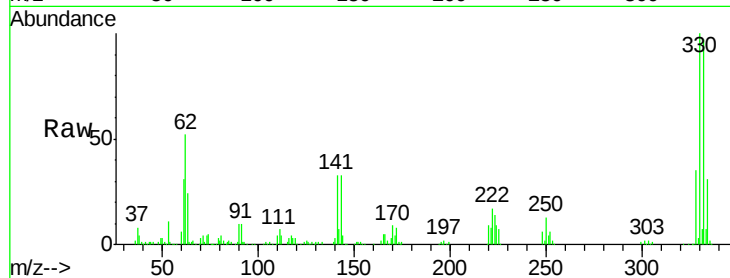




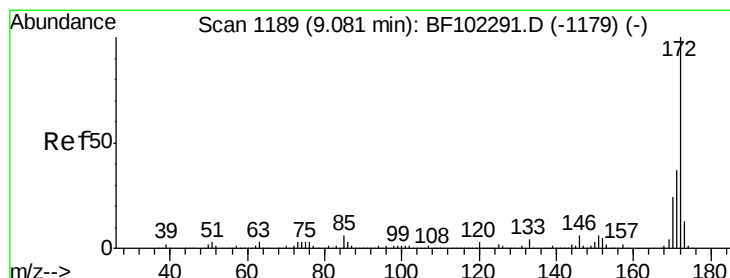
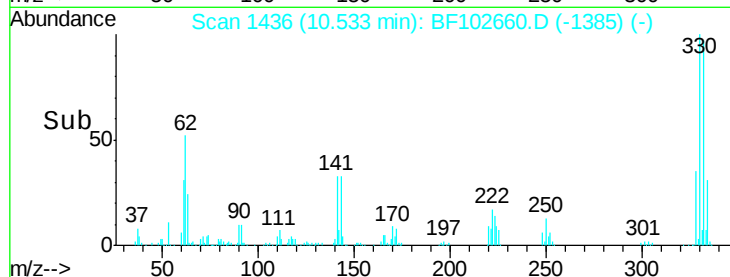
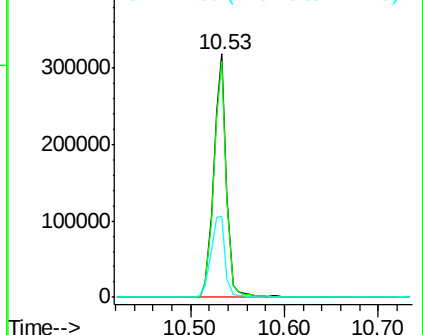
#41
 2,4,6-Tribromophenol
 Concen: 115.055 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.2	29.9	44.9

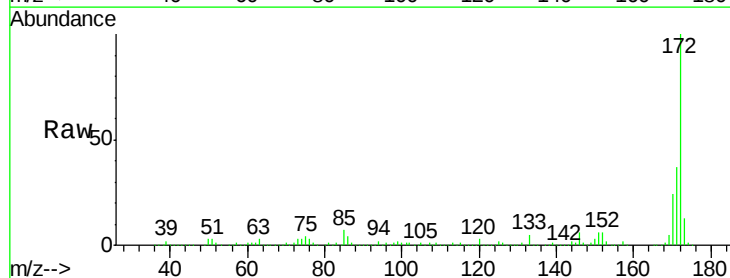


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

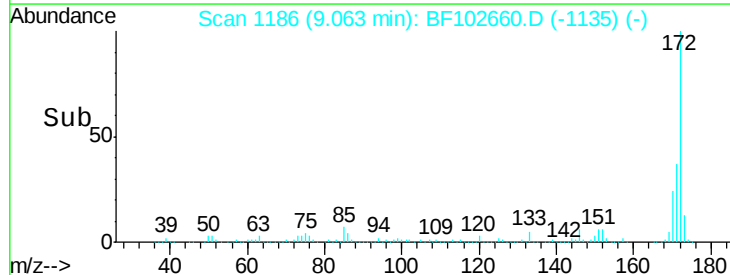
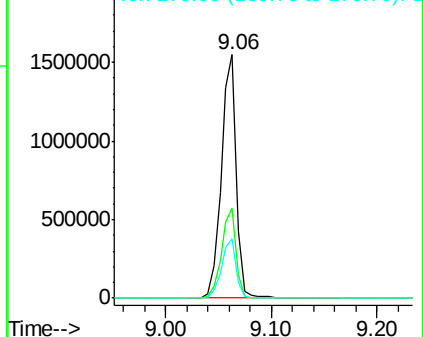


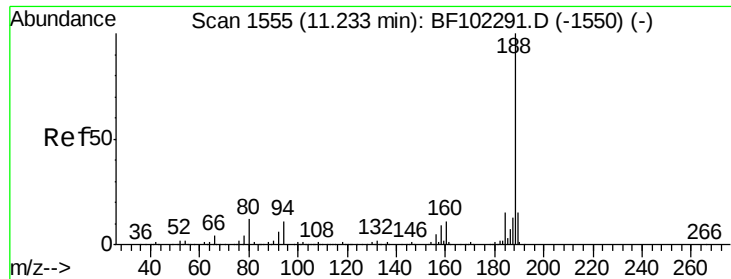
#44
 2-Fluorobiphenyl
 Concen: 84.335 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	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

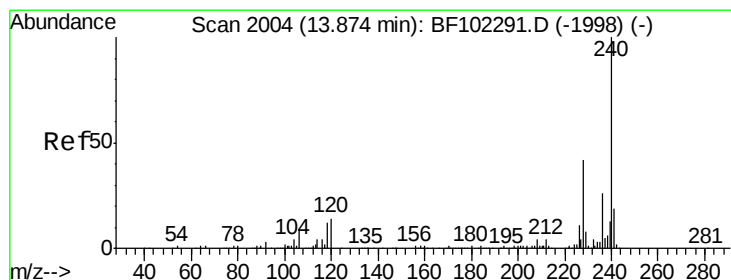
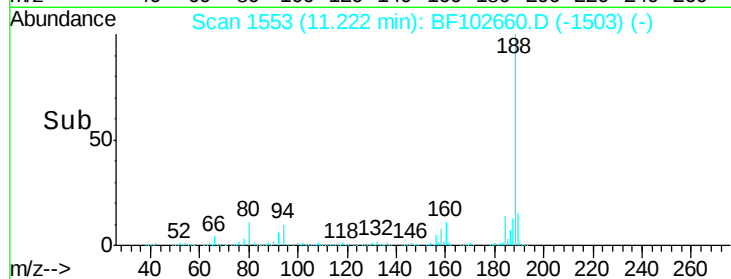
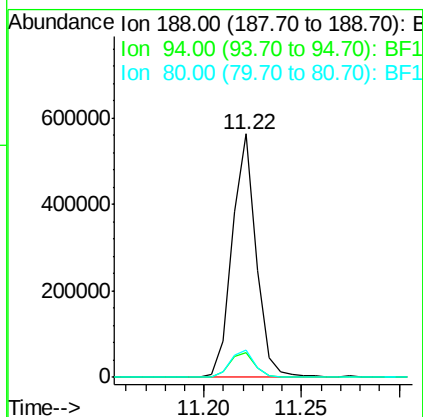
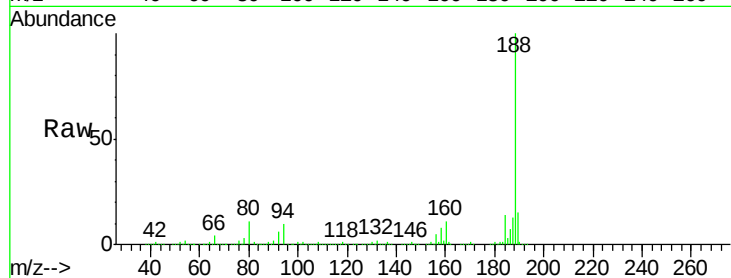




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

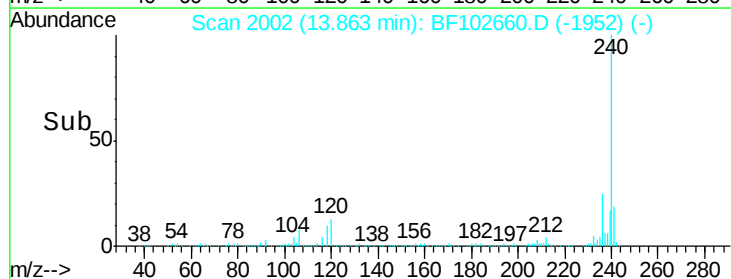
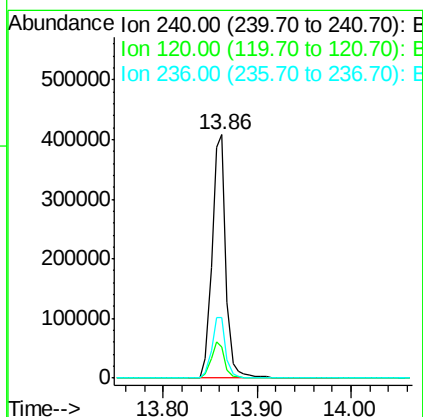
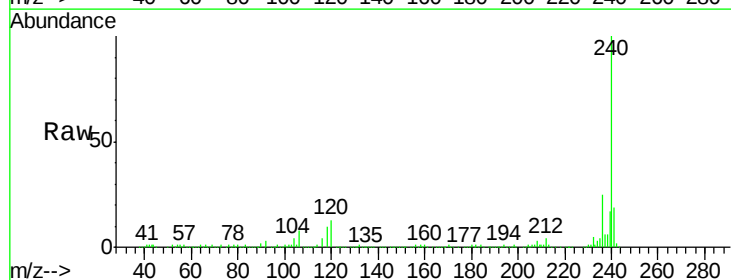
Instrument :
BNA_F
ClientSampleId :
TW-01

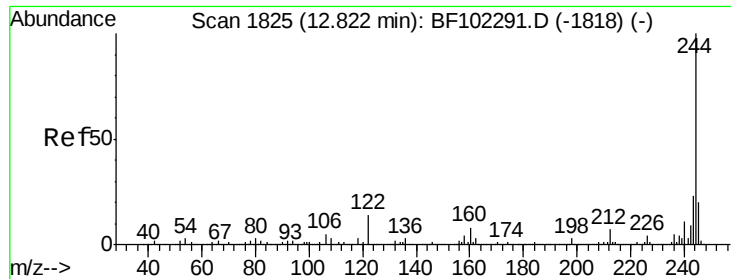
Tot Ion:188 Resp: 482546
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Tgt Ion:240 Resp: 426371
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.9 20.7 31.1



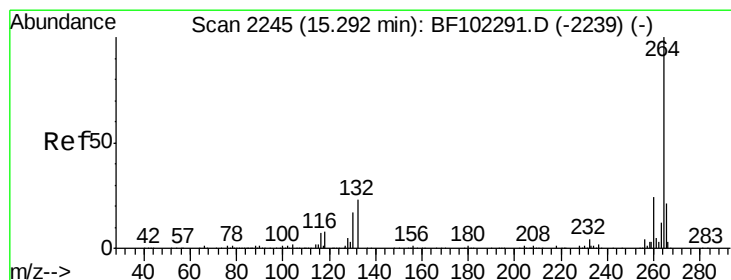
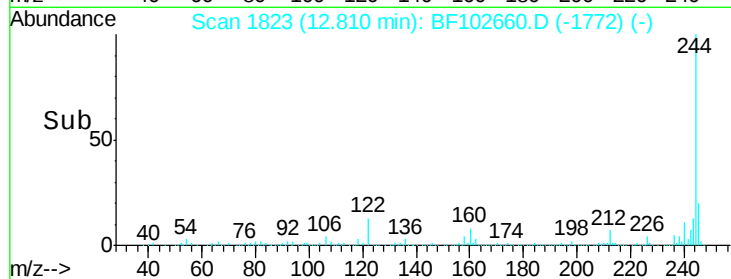
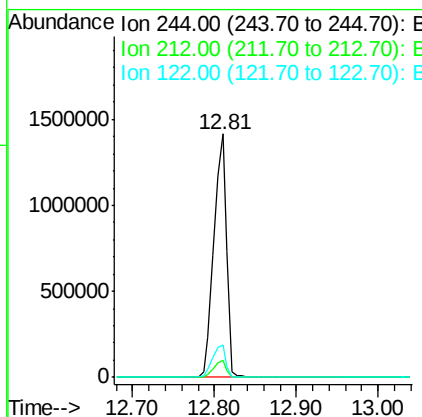
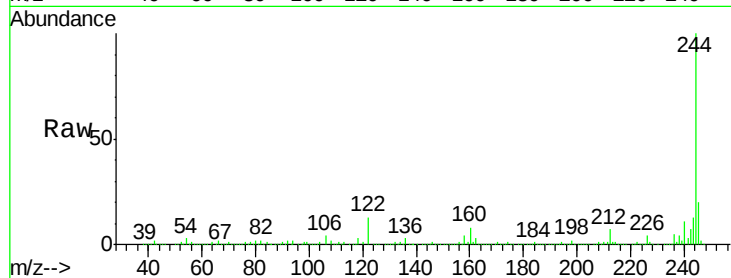


#78
 Terphenyl-d14
 Concen: 81.706 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Tot Ion:244 Resp: 1545323

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:264 Resp: 335494

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

