

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102676.D
 Acq On : 1 Feb 2018 1:02
 Operator : SJ/JU
 Sample : J1010-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

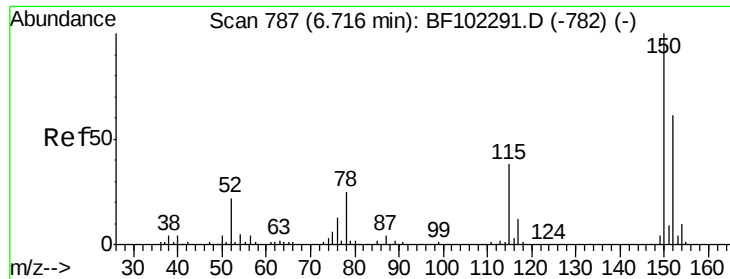
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018

Quant Time: Feb 01 03:41:18 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	6.71	152	125350	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	461722	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174070	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	297185	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275923	20.00	ng	0.00
86) Perylene-d12	15.30	264	186009	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	903936	109.34	ng	0.04
7) Phenol-d6	6.38	99	936914	94.00	ng	0.02
23) Nitrobenzene-d5	7.28	82	684934	85.25	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	186337	108.04	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1102518	93.13	ng	0.00
78) Terphenyl-d14	12.82	244	1036009	84.64	ng	0.00

Target Compounds Qvalue

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

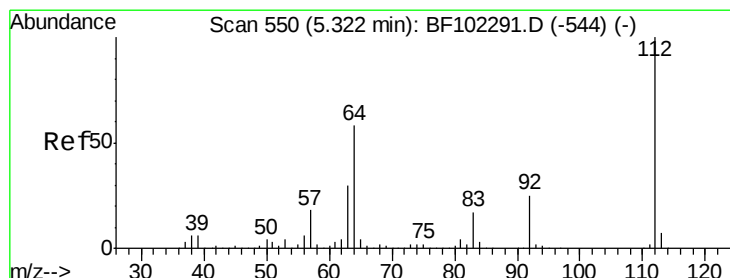
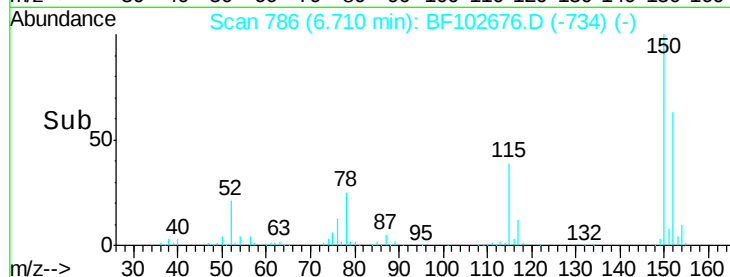
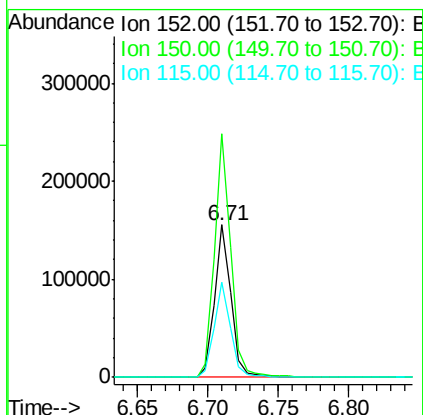
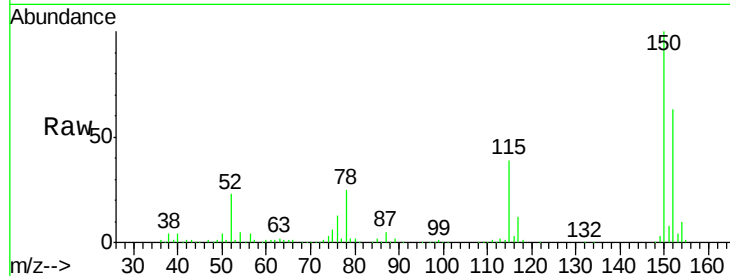


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018

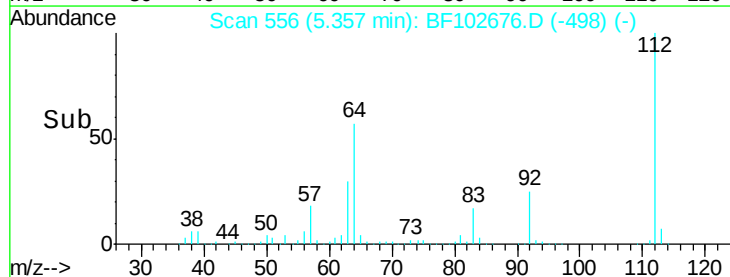
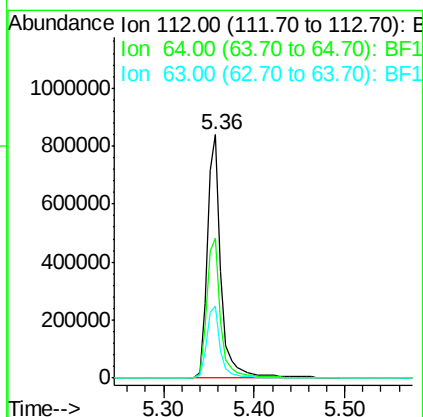
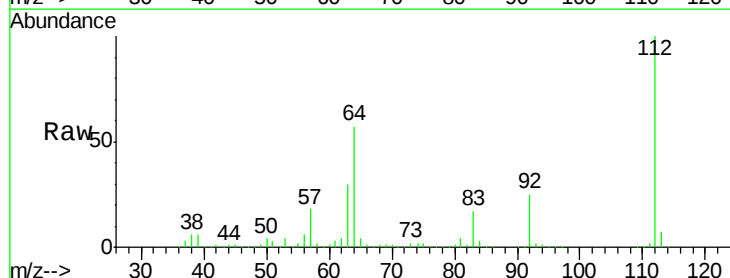
Tot Ion:152 Resp: 125350
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 62.2 50.1 75.1

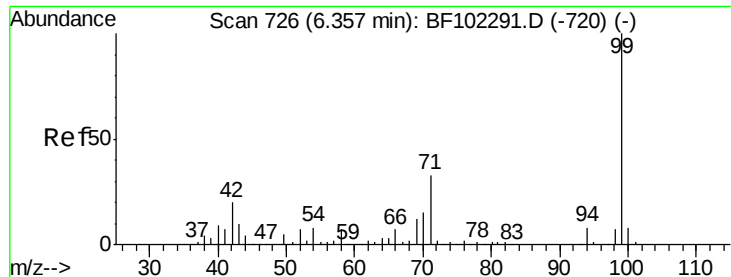


#5

2-Fluorophenol
 Concen: 109.342 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.04 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion:112 Resp: 903936
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 94.005 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

BU-02-013018

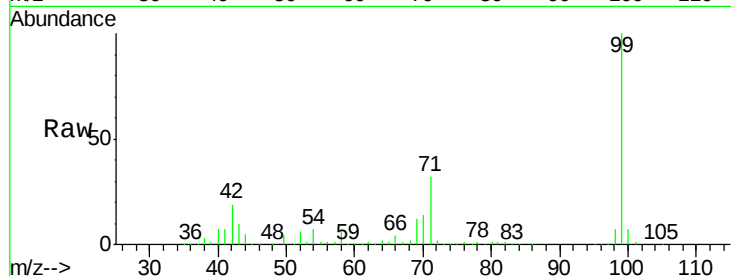
Tot Ion: 99 Resp: 936914

Ion Ratio Lower Upper

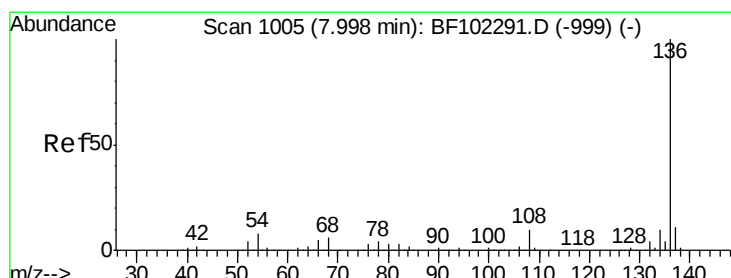
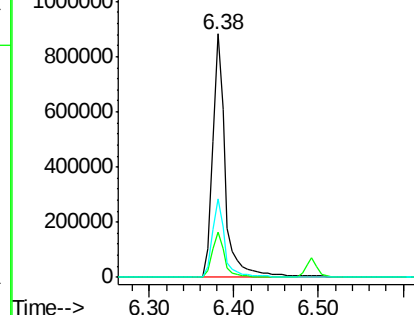
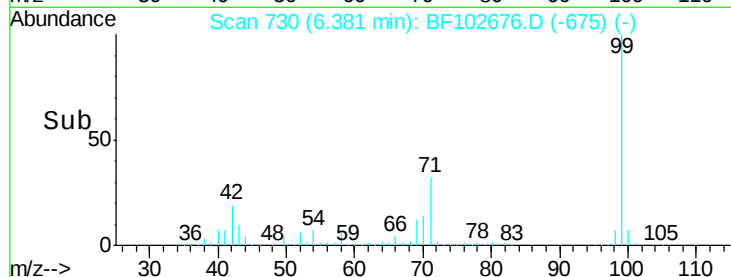
99 100

42 18.6 14.5 21.7

71 32.2 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# 1004

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Tgt Ion: 136 Resp: 461722

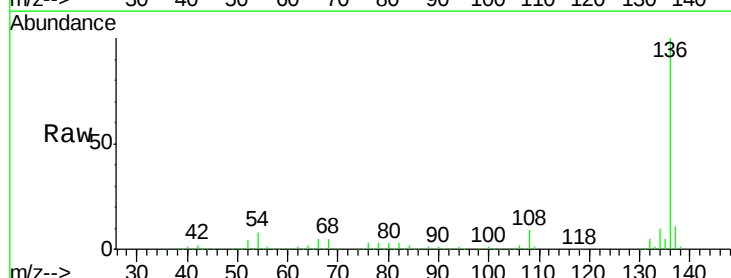
Ion Ratio Lower Upper

136 100

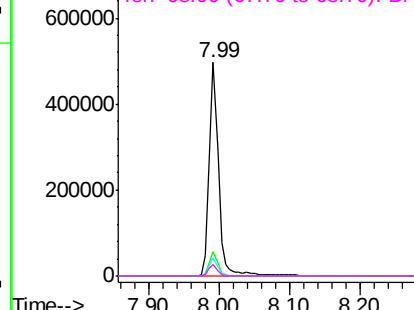
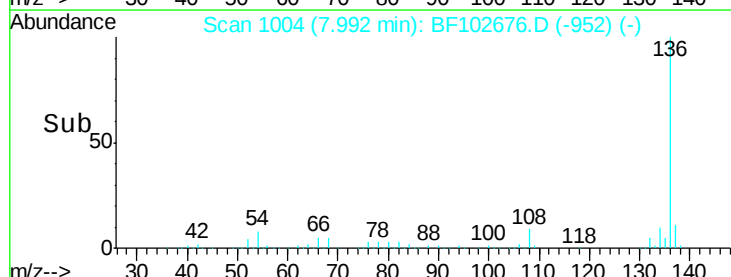
137 11.2 8.9 13.3

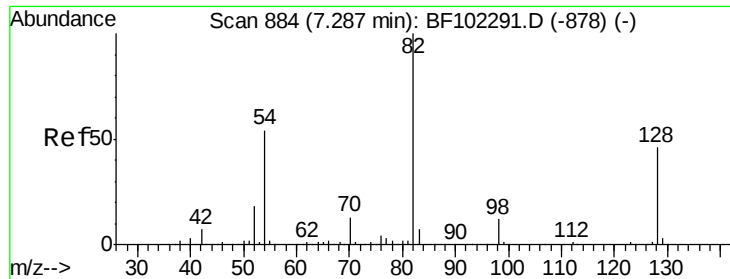
54 8.2 6.6 9.8

68 5.5 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

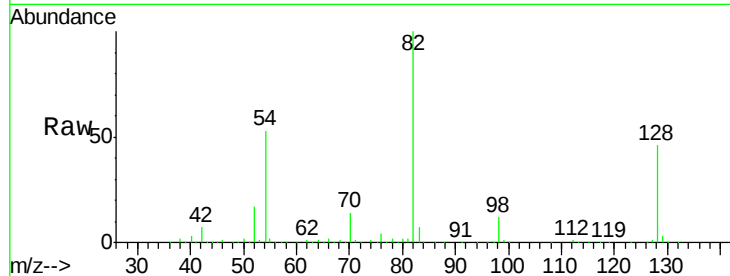




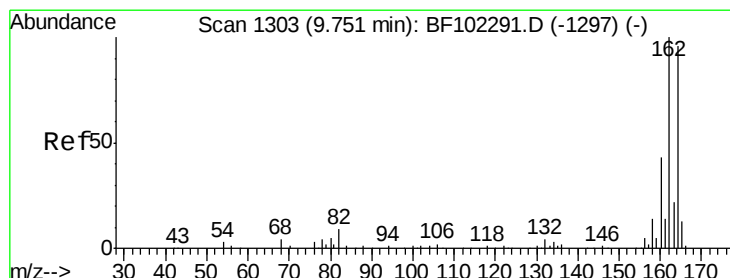
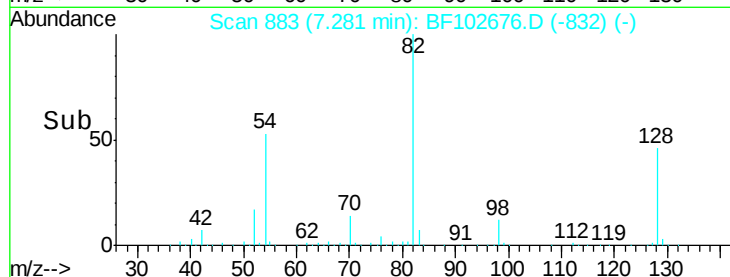
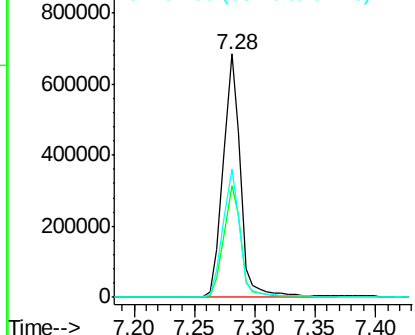
#23
 Nitrobenzene-d5
 Concen: 85.248 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018

Tot Ion: 82 Resp: 684934
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 52.5 41.4 62.2

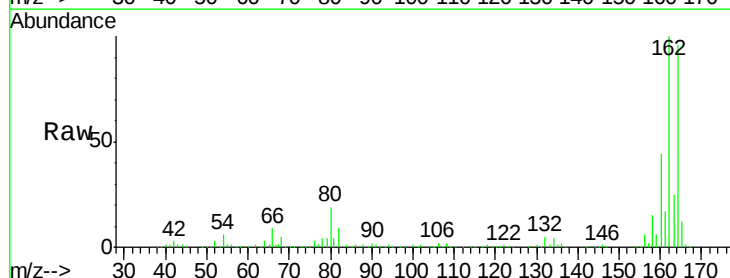


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

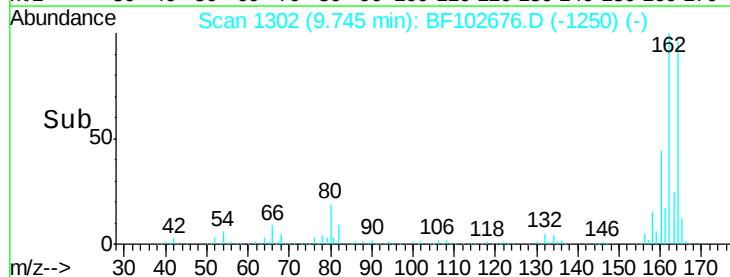
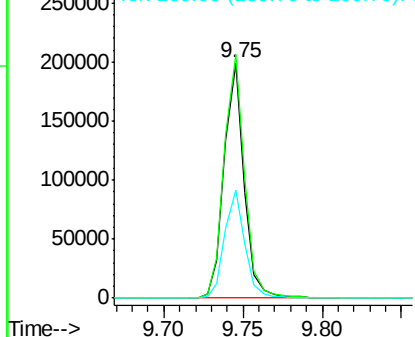


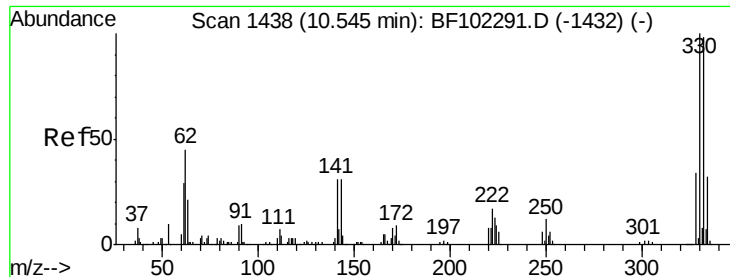
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion:164 Resp: 174070
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

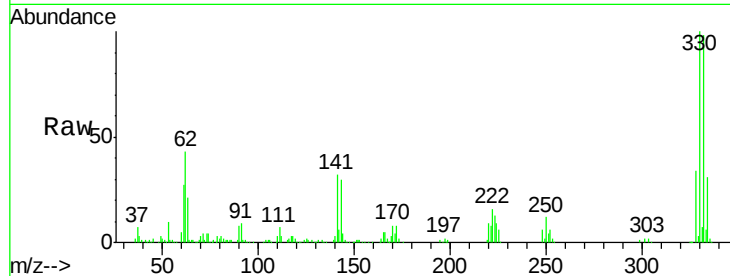




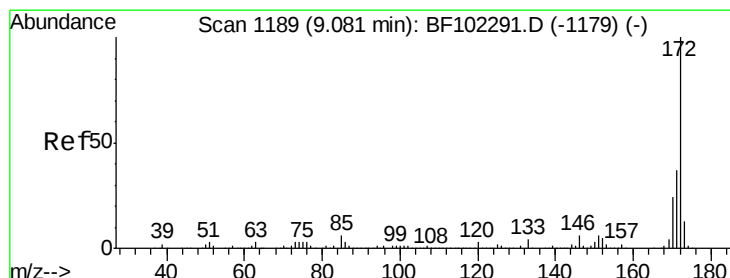
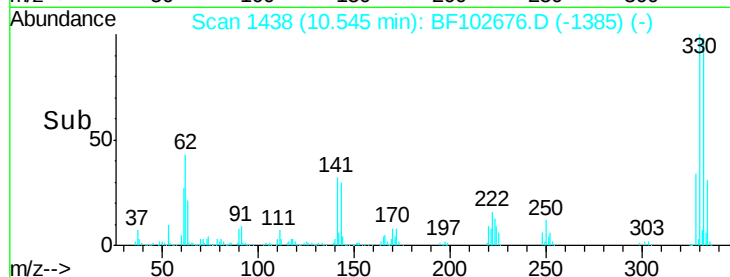
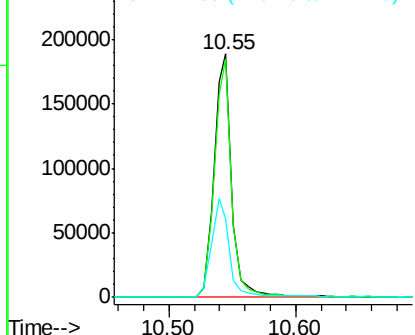
#41
 2,4,6-Tribromophenol
 Concen: 108.035 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018

Tot Ion:330 Resp: 186337
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 41.0 29.9 44.9

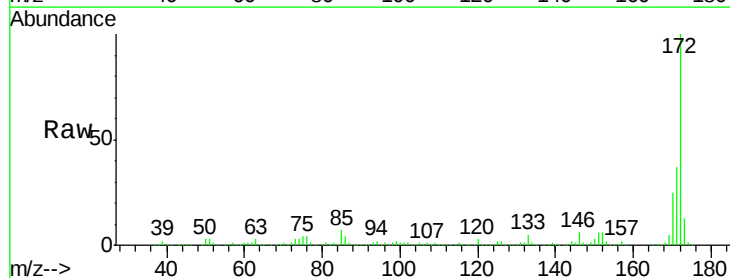


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

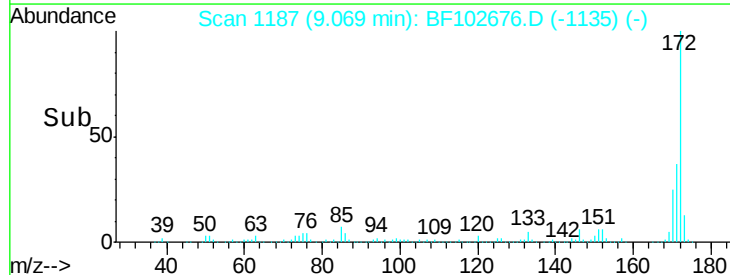
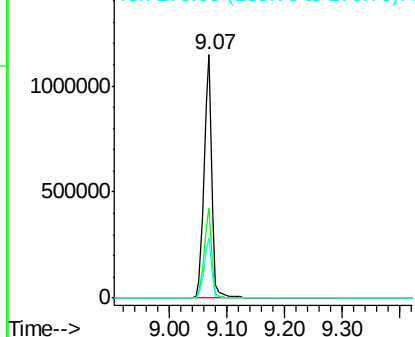


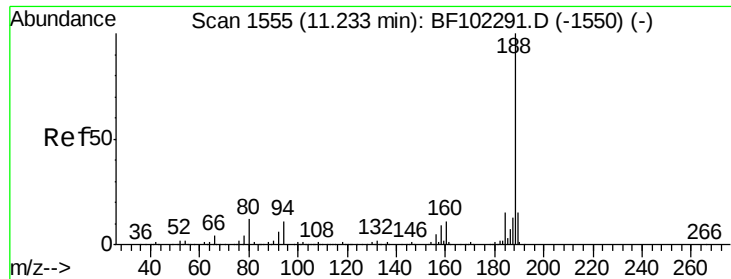
#44
 2-Fluorobiphenyl
 Concen: 93.129 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion:172 Resp: 1102518
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 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: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

BU-02-013018

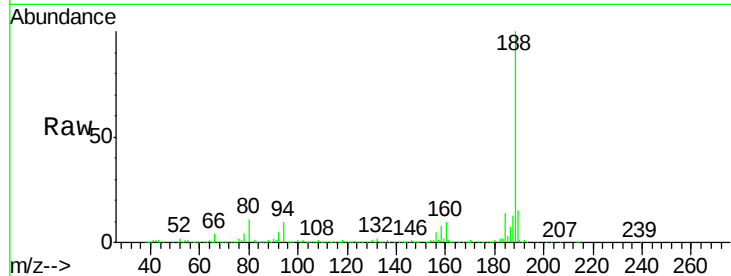
Tot Ion:188 Resp: 297185

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

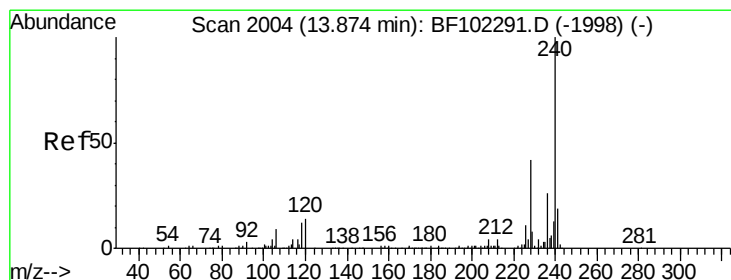
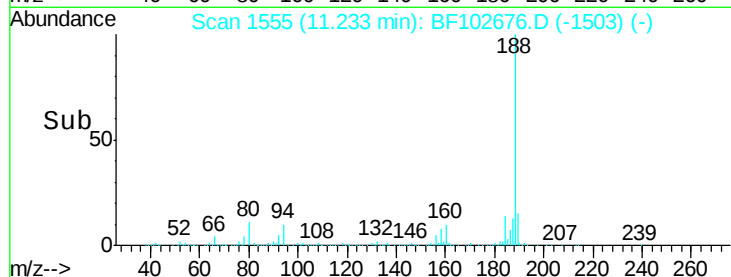
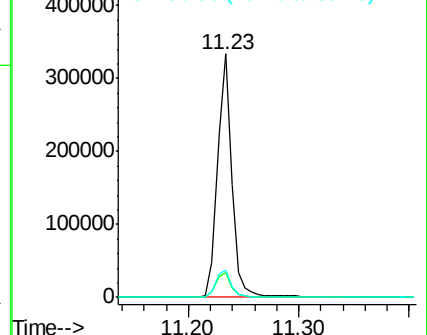
80 11.4 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

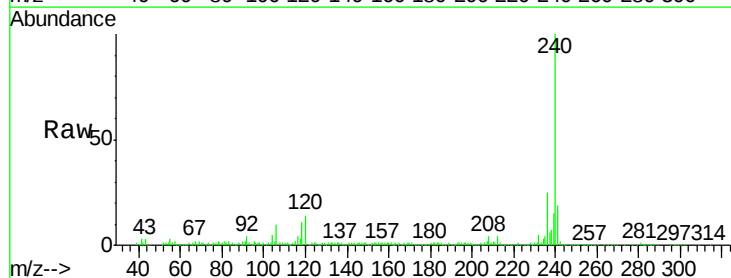
Tgt Ion:240 Resp: 275923

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

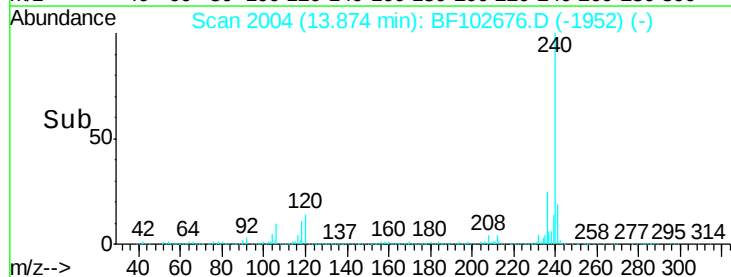
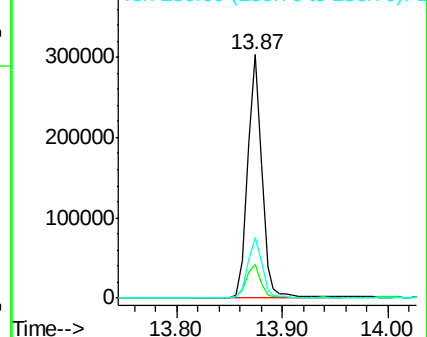
236 24.8 20.7 31.1

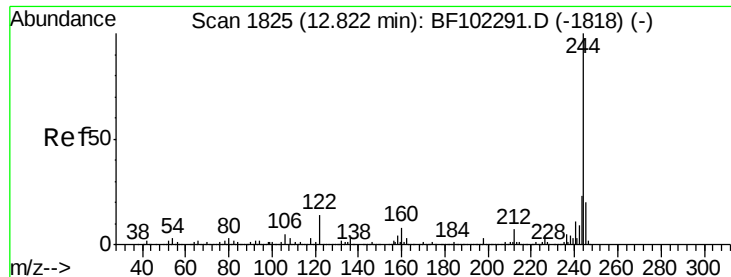


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.645 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

BU-02-013018

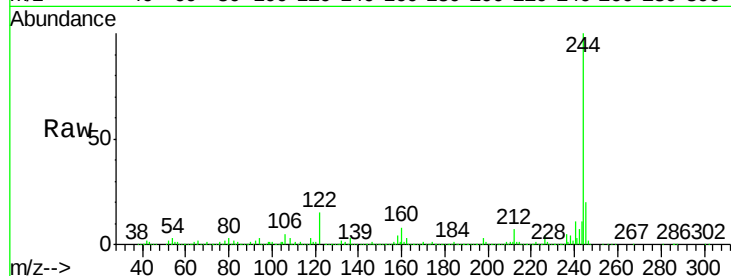
Tot Ion:244 Resp: 1036009

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

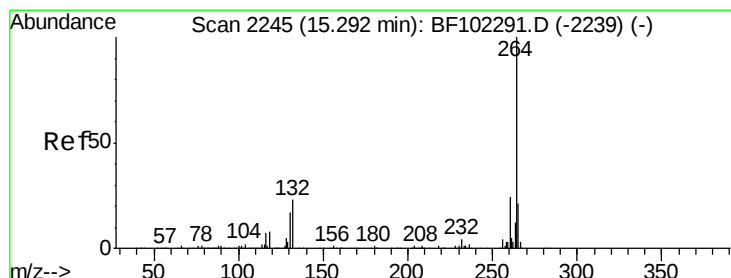
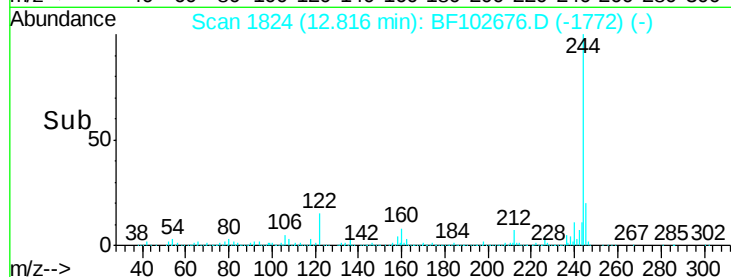
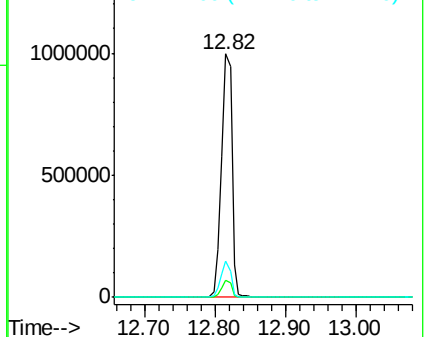
122 14.8 11.0 16.4



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: 15.30 min Scan# 2247

Delta R.T. 0.02 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

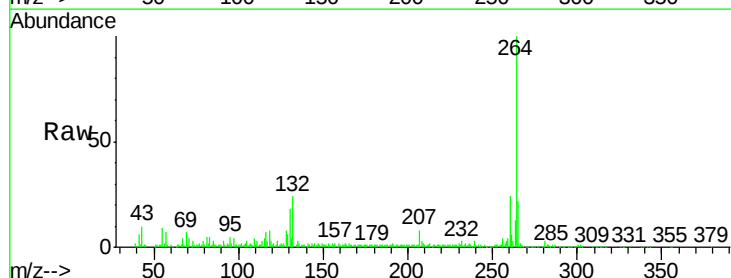
Tgt Ion:264 Resp: 186009

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

