

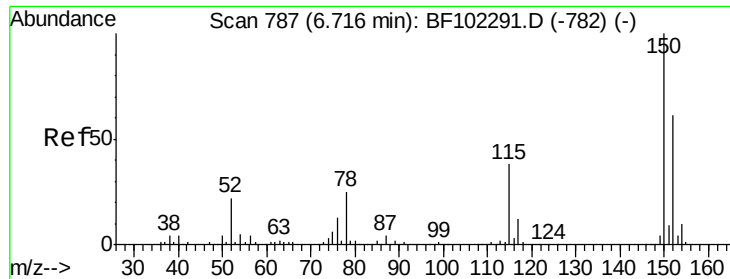
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102694.D
 Acq On : 1 Feb 2018 18:54
 Operator : SJ/JU
 Sample : J1406-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-1

Quant Time: Feb 02 01:18:22 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	142412	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	602166	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	276281	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	502035	20.00	ng	0.00
75) Chrysene-d12	13.86	240	364428	20.00	ng	0.00
86) Perylene-d12	15.29	264	269849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	738987	78.68	ng	0.02
7) Phenol-d6	6.37	99	1085897	95.90	ng	0.01
23) Nitrobenzene-d5	7.27	82	735063	70.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	190560	69.61	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1314137	69.94	ng	0.00
78) Terphenyl-d14	12.80	244	1254895	77.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	79286	3.472	ng	Qvalue 100

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

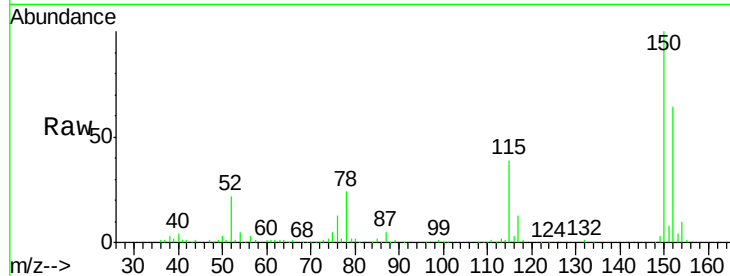


#1

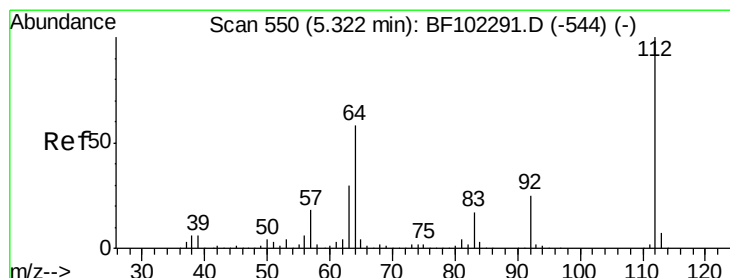
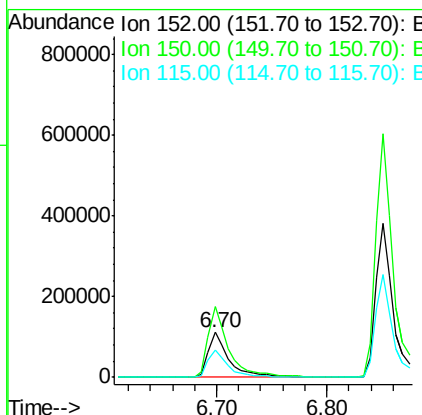
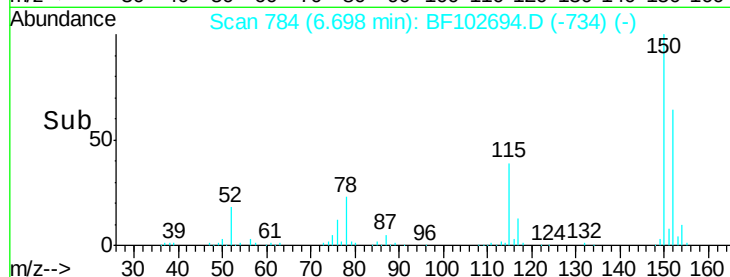
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF102694.D
 Acq: 1 Feb 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 CO-1

Tot Ion:152 Resp: 142412
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.2 50.1 75.1



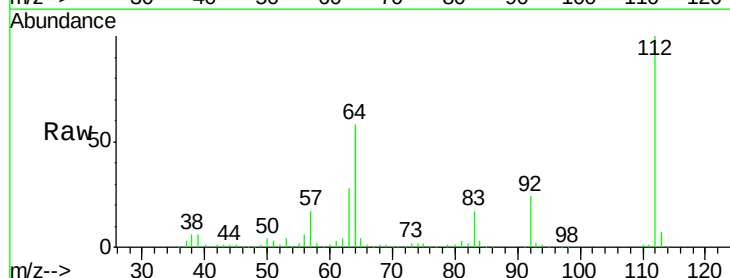
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



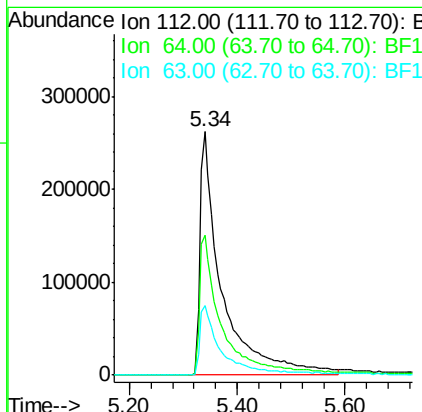
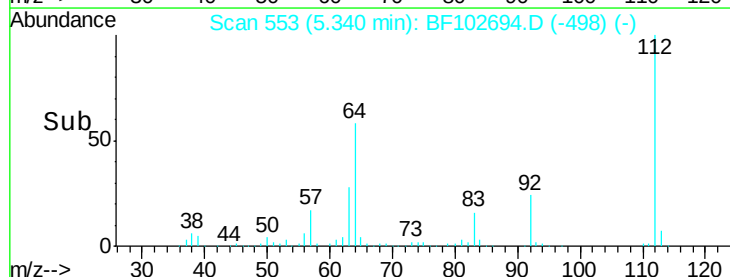
#5

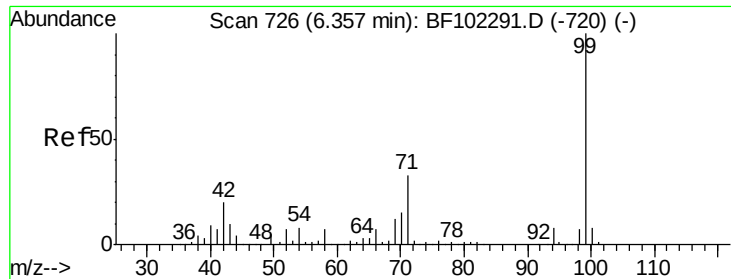
2-Fluorophenol
 Concen: 78.680 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102694.D
 Acq: 1 Feb 2018 18:54

Tgt Ion:112 Resp: 738987
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 28.3 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: 95.899 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Instrument :

BNA_F

ClientSampleId :

CO-1

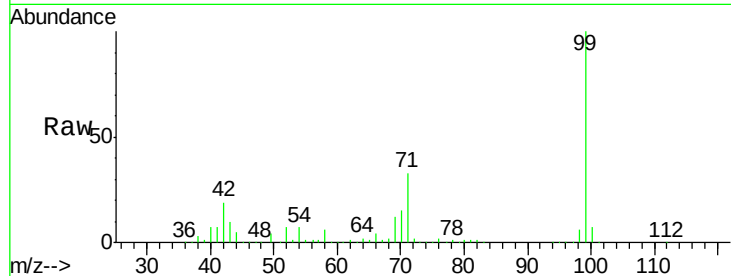
Tot Ion: 99 Resp: 1085897

Ion Ratio Lower Upper

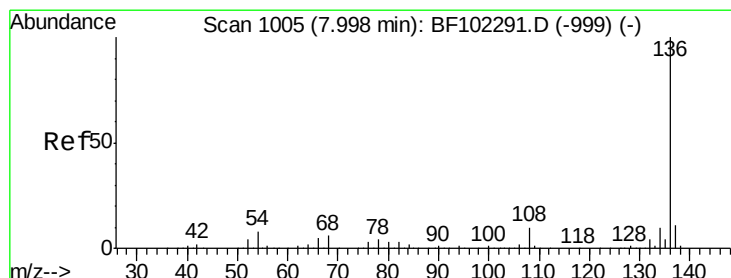
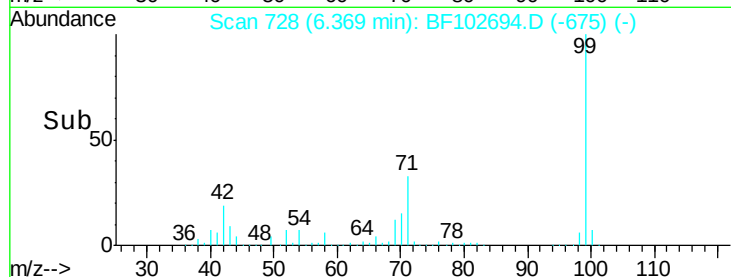
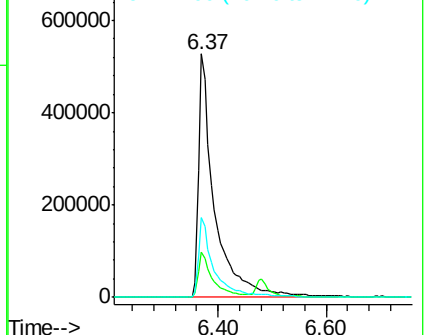
99 100

42 18.7 14.5 21.7

71 32.7 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Tgt Ion: 136 Resp: 602166

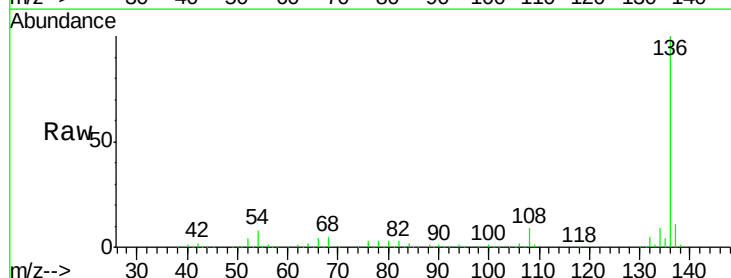
Ion Ratio Lower Upper

136 100

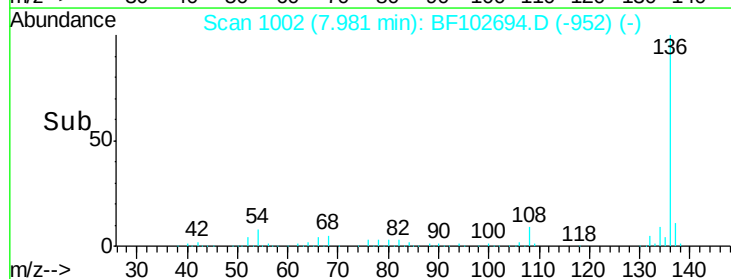
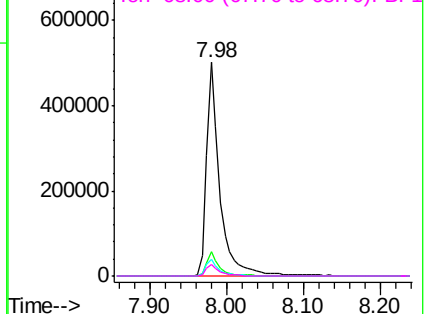
137 11.2 8.9 13.3

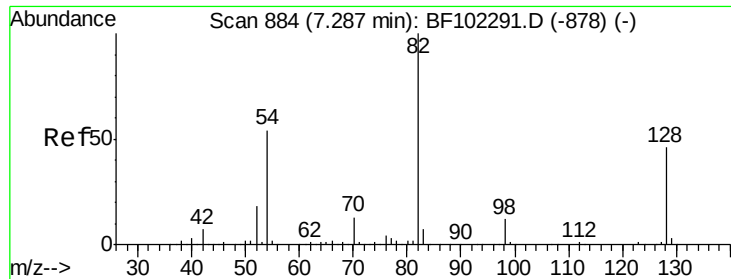
54 8.1 6.6 9.8

68 5.3 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

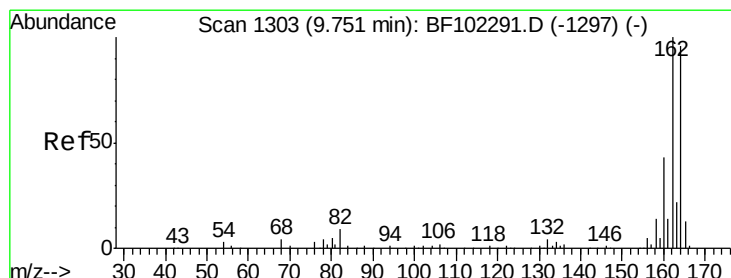
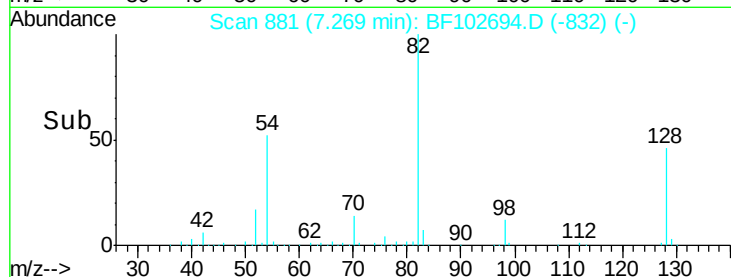
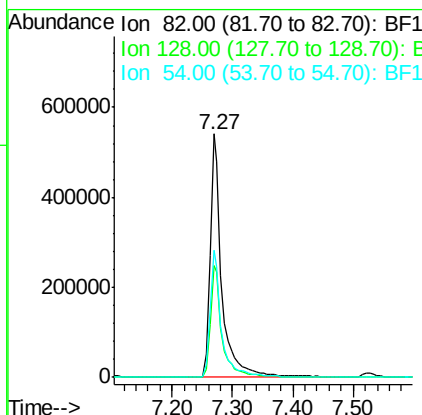
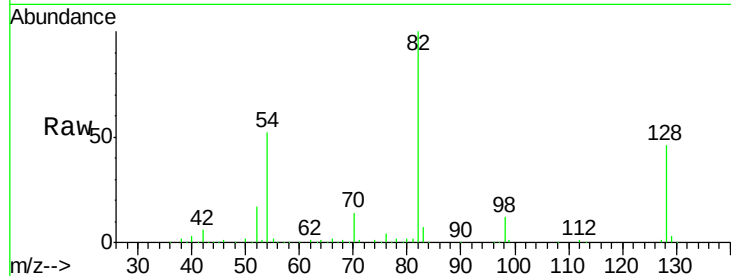




#23
 Nitrobenzene-d5
 Concen: 70.150 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF102694.D
 Acq: 1 Feb 2018 18:54

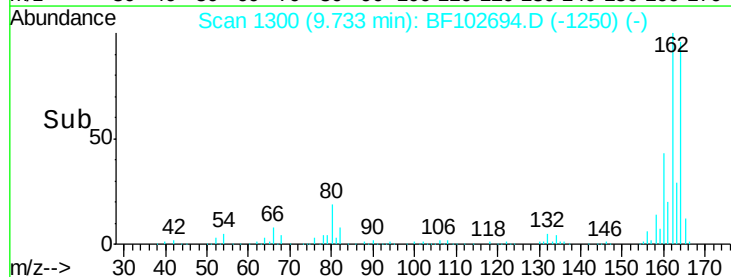
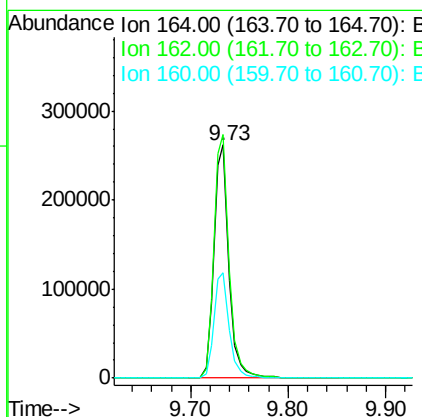
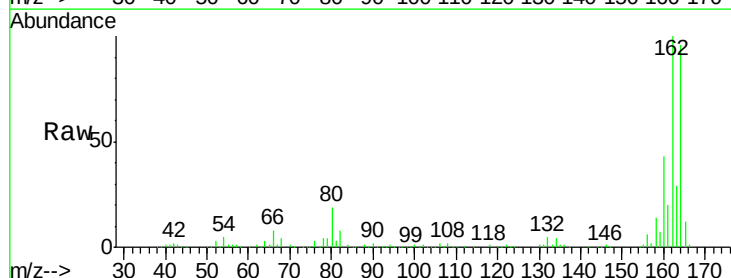
Instrument :
 BNA_F
 ClientSampled :
 CO-1

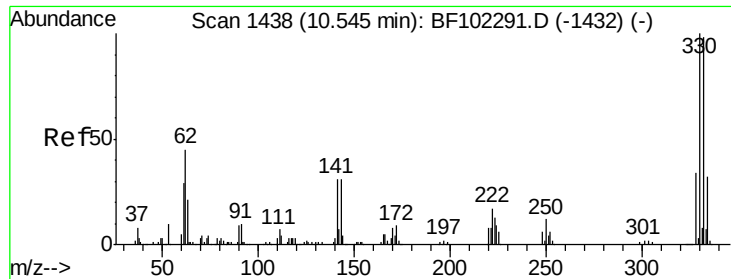
Tot Ion: 82 Resp: 735063
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 52.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102694.D
 Acq: 1 Feb 2018 18:54

Tgt Ion: 164 Resp: 276281
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 69.610 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Instrument :

BNA_F

ClientSampled :

CO-1

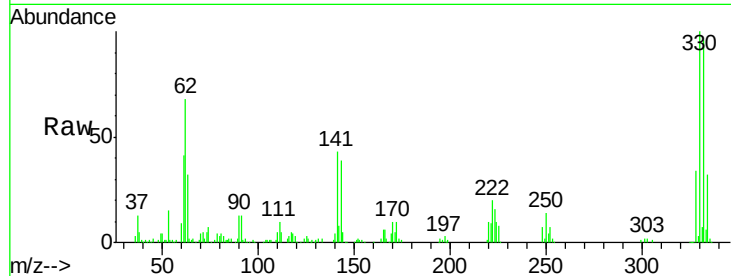
Tot Ion:330 Resp: 190560

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

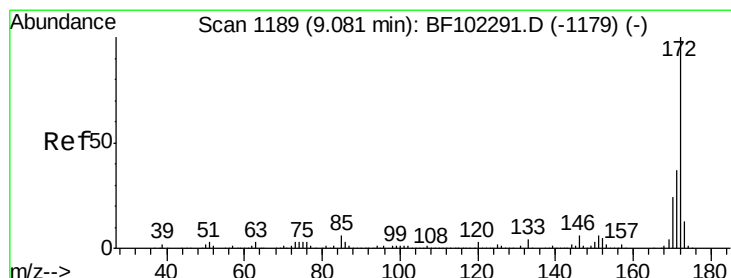
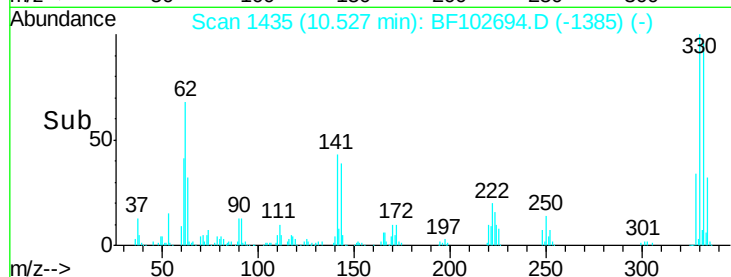
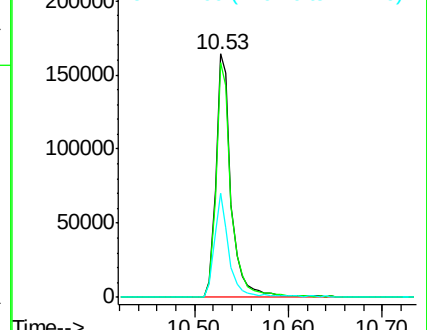
141 40.1 29.9 44.9



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: 69.938 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

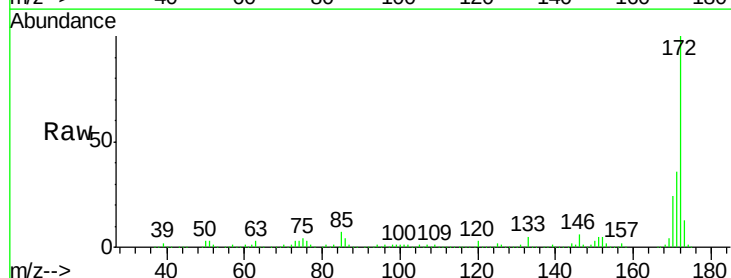
Tgt Ion:172 Resp: 1314137

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

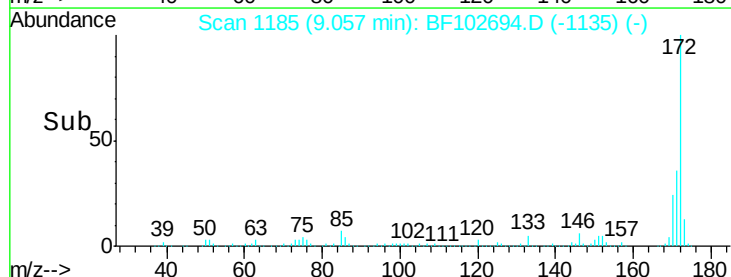
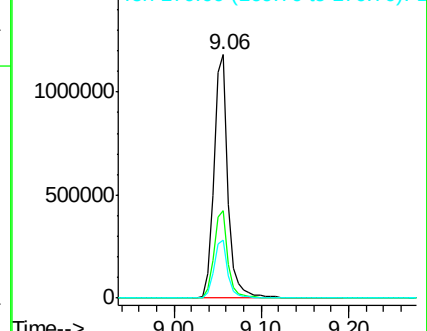
170 24.0 19.6 29.4

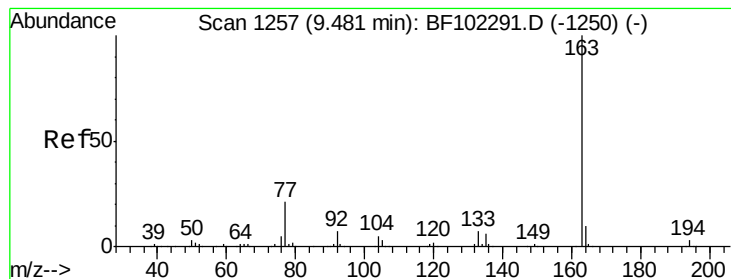


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.472 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Instrument :

BNA_F

ClientSampleId :

CO-1

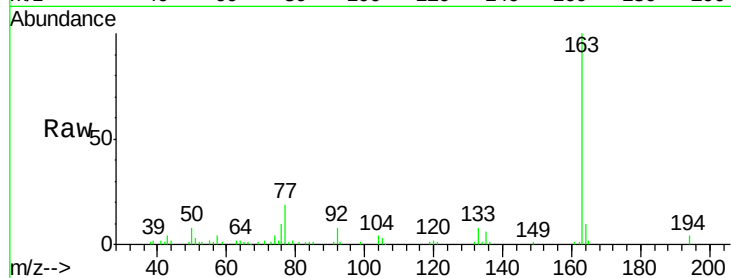
Tot Ion:163 Resp: 79286

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

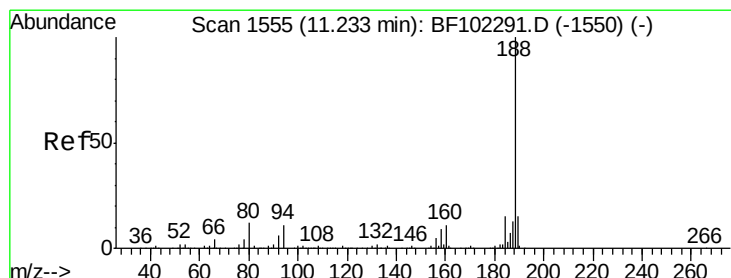
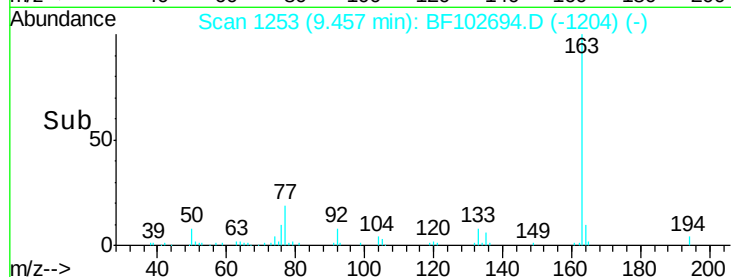
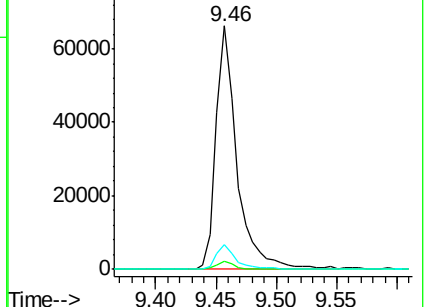
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

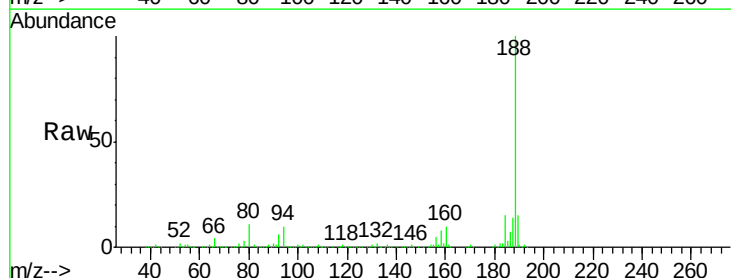
Tgt Ion:188 Resp: 502035

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

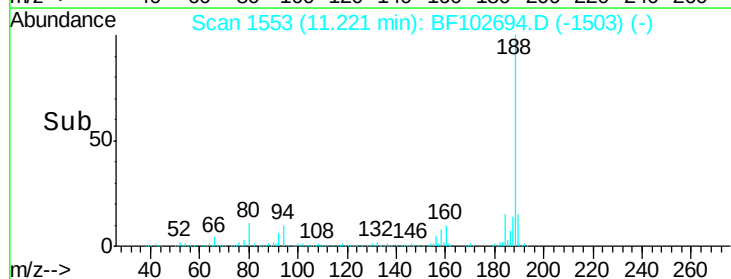
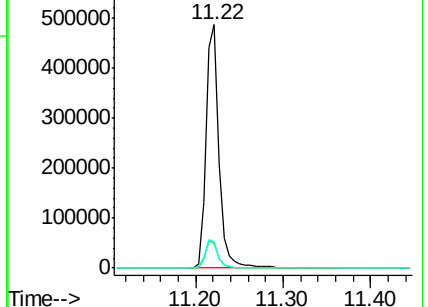
80 10.9 9.2 13.8

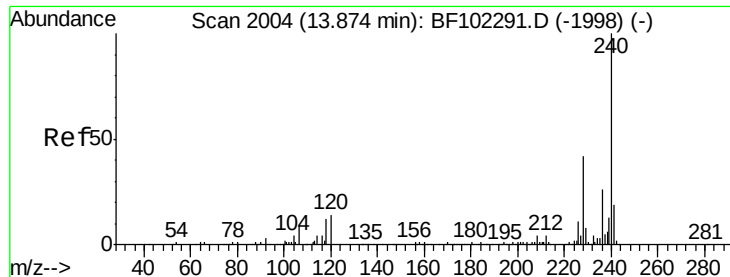


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Instrument :

BNA_F

ClientSampled :

CO-1

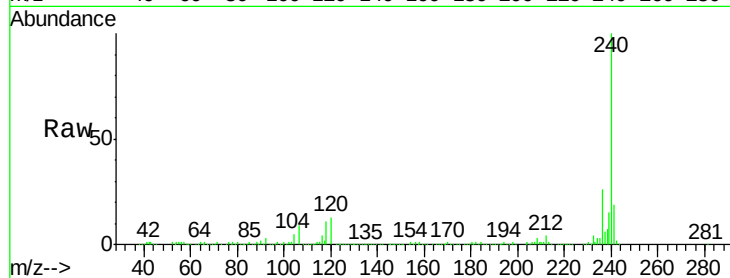
Tot Ion:240 Resp: 364428

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

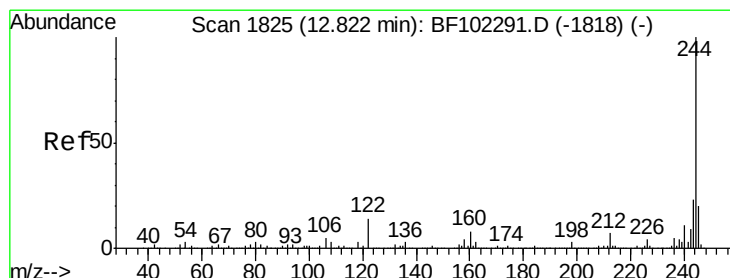
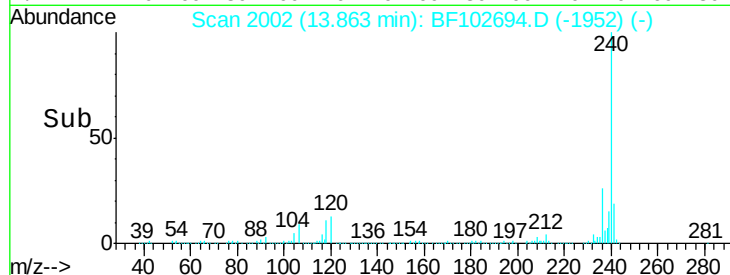
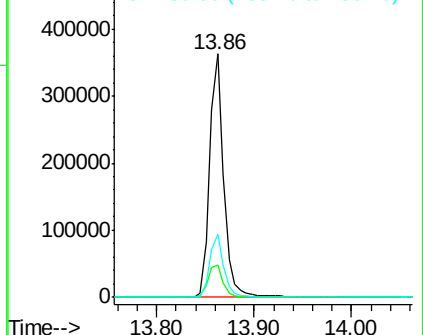
236 26.1 20.7 31.1



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: 77.628 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

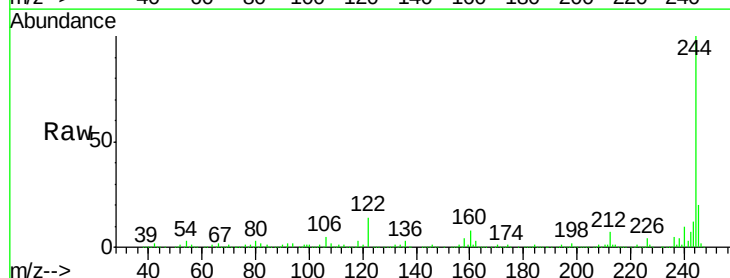
Tgt Ion:244 Resp: 1254895

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

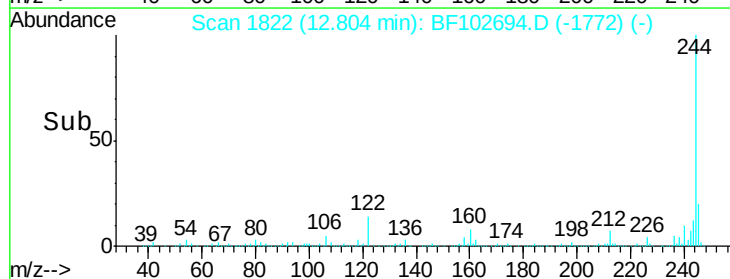
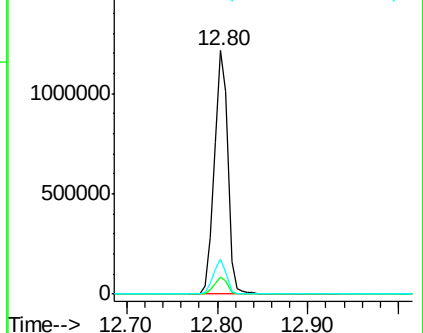
122 14.3 11.0 16.4

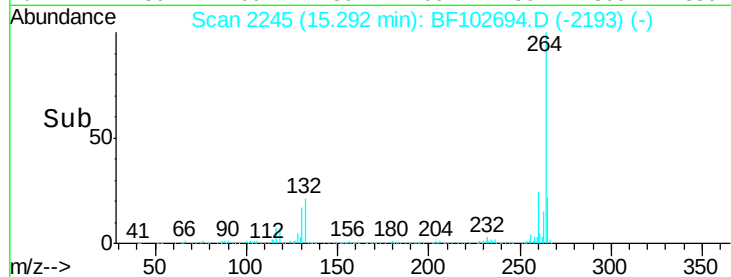
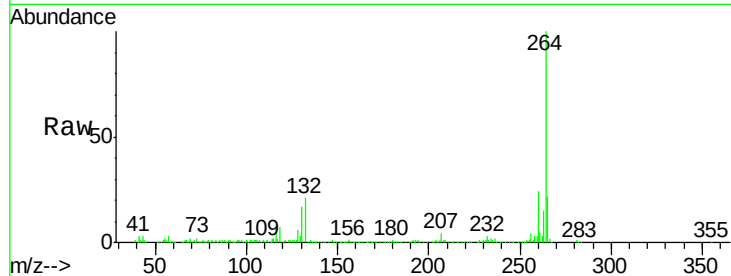
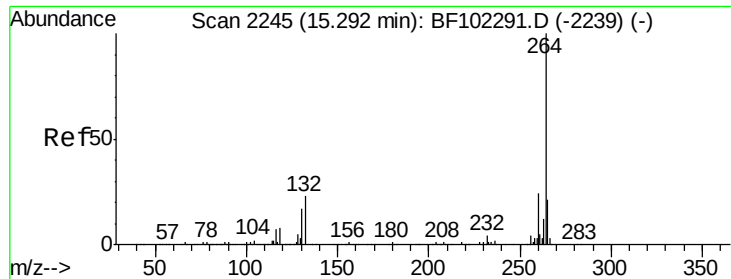


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF102694.D

Acq: 1 Feb 2018 18:54

Instrument :

BNA_F

ClientSampleId :

CO-1

Tot Ion:264 Resp: 269849

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 17.5 26.3

