

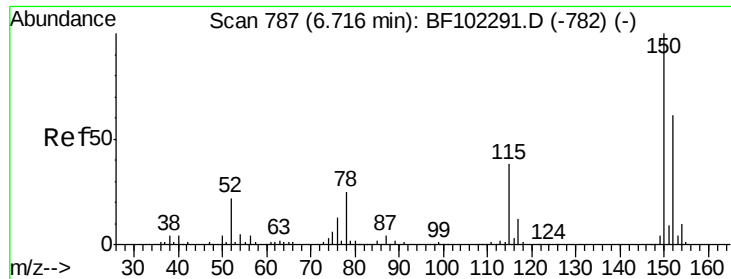
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102695.D
 Acq On : 1 Feb 2018 19:21
 Operator : SJ/JU
 Sample : J1406-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-2

Quant Time: Feb 02 01:20:04 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	147581	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	626287	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	287588	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	505705	20.00	ng	0.00
75) Chrysene-d12	13.86	240	343599	20.00	ng	0.00
86) Perylene-d12	15.29	264	268448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	909339	93.43	ng	0.02
7) Phenol-d6	6.37	99	1207976	102.94	ng	0.01
23) Nitrobenzene-d5	7.27	82	721722	66.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	238634	83.74	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1331499	68.08	ng	0.00
78) Terphenyl-d14	12.80	244	1221967	80.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	85239	3.586	ng	Qvalue 99

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

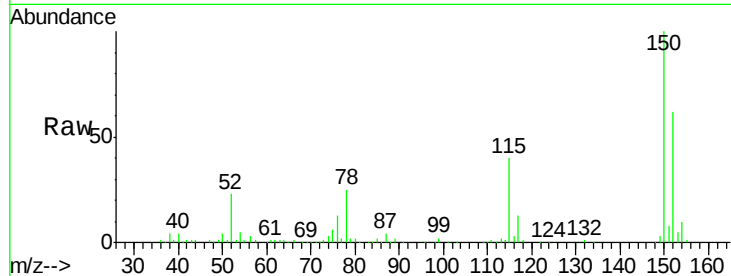


#1

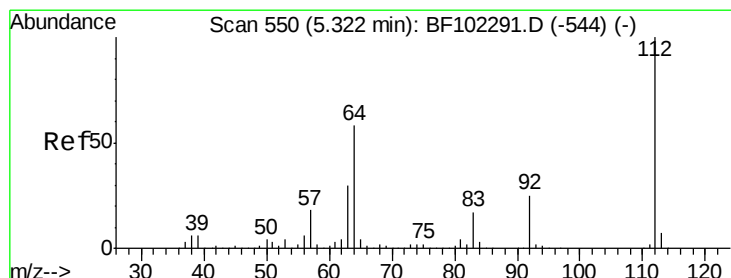
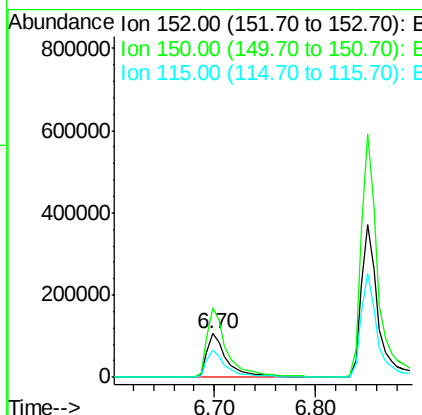
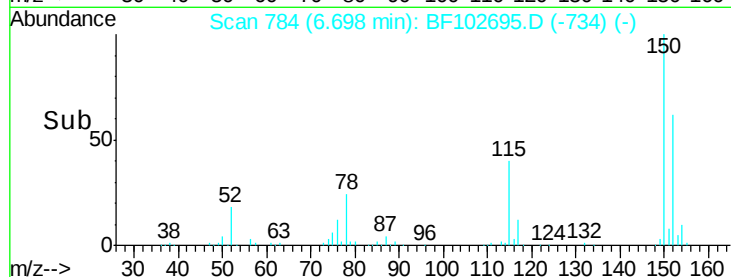
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102695.D
Acq: 1 Feb 2018 19:21

Instrument :
BNA_F
ClientSampleId :
CO-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	63.5	50.1	75.1



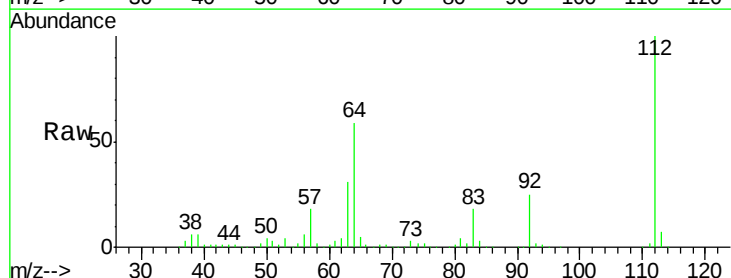
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



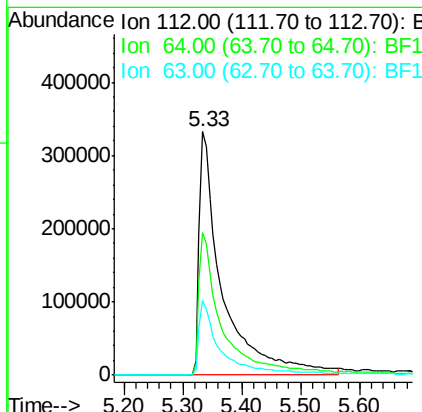
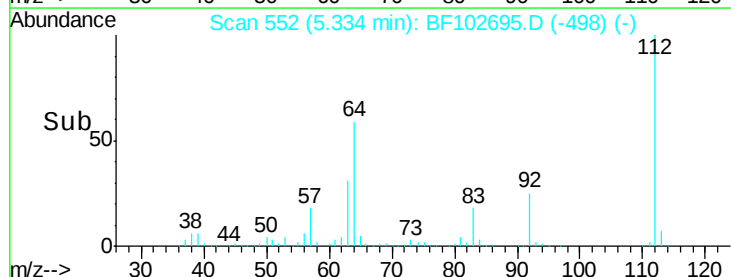
#5

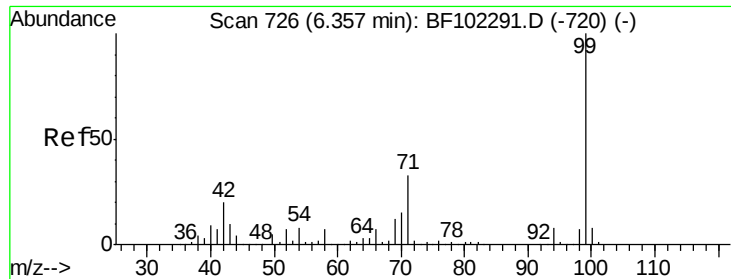
2-Fluorophenol
Concen: 93.426 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF102695.D
Acq: 1 Feb 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.8	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: 102.944 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102695.D

Acq: 1 Feb 2018 19:21

Instrument :

BNA_F

ClientSampleId :

CO-2

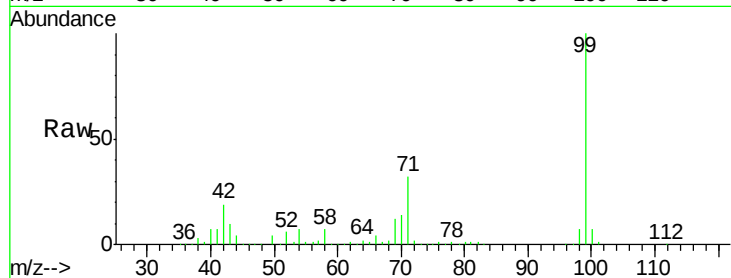
Tot Ion: 99 Resp: 1207976

Ion Ratio Lower Upper

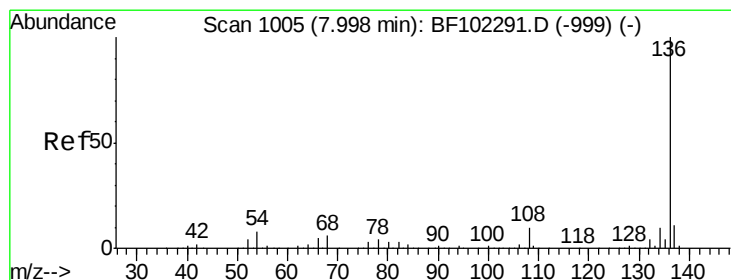
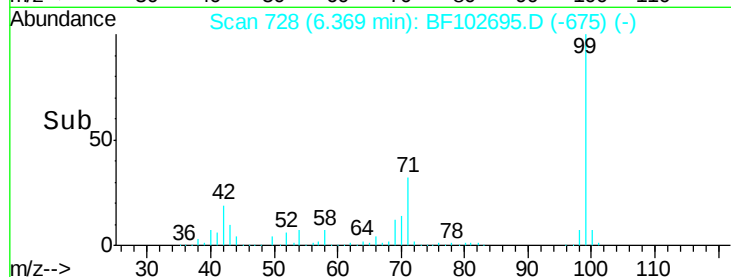
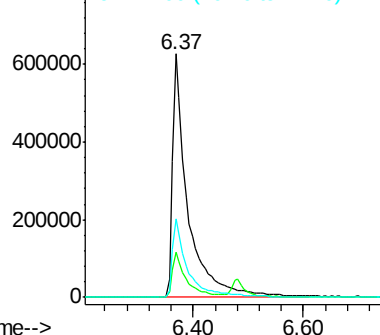
99 100

42 18.8 14.5 21.7

71 32.1 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102695.D

Acq: 1 Feb 2018 19:21

Tgt Ion: 136 Resp: 626287

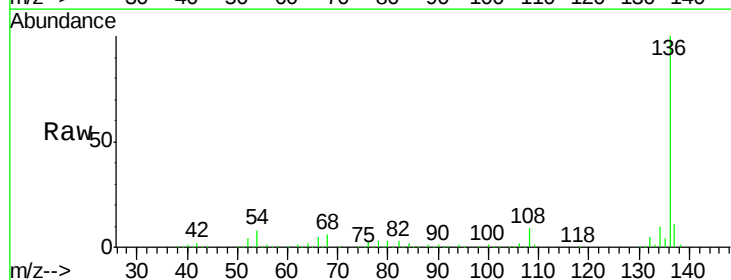
Ion Ratio Lower Upper

136 100

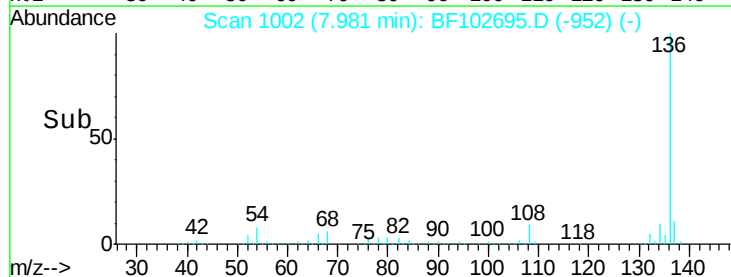
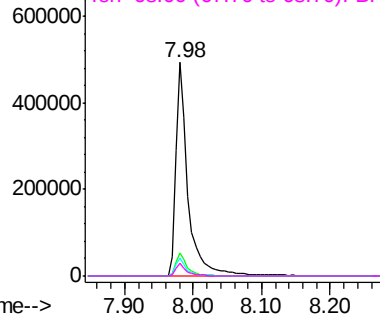
137 11.0 8.9 13.3

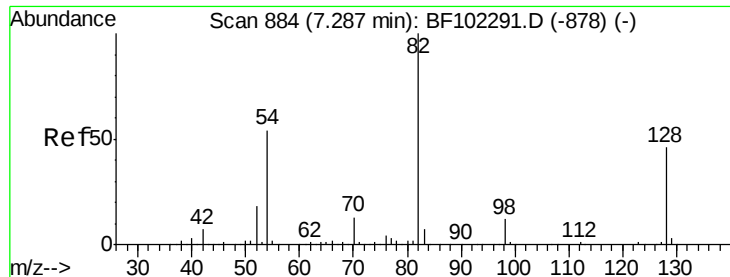
54 8.4 6.6 9.8

68 5.8 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

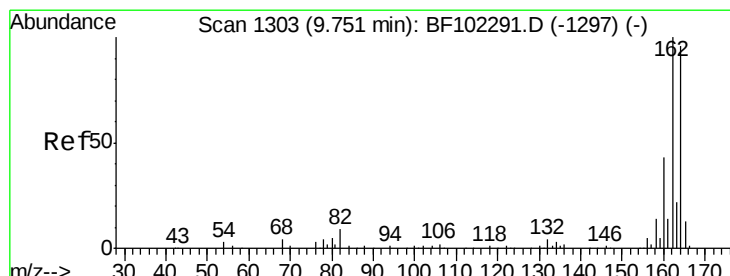
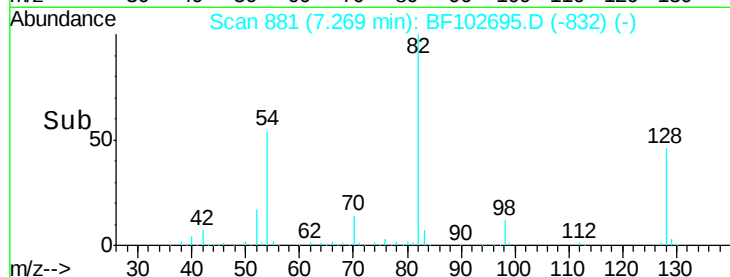
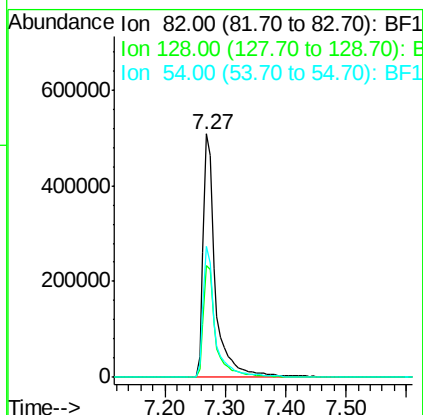
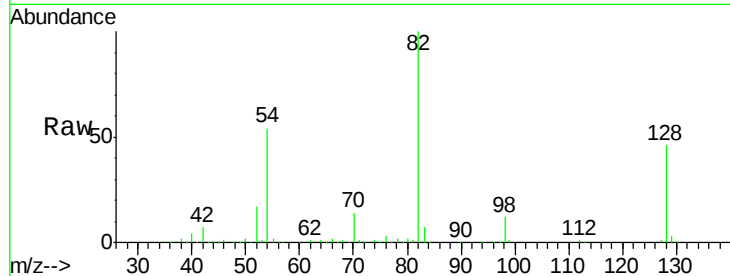




#23
 Nitrobenzene-d5
 Concen: 66.224 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF102695.D
 Acq: 1 Feb 2018 19:21

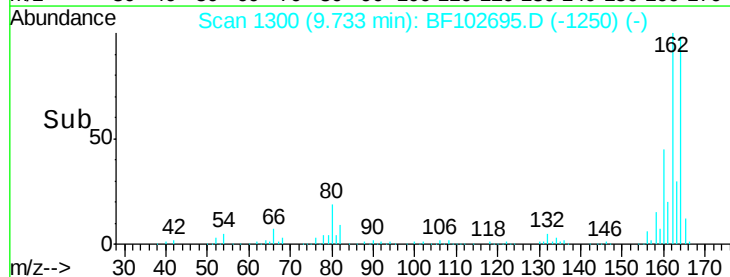
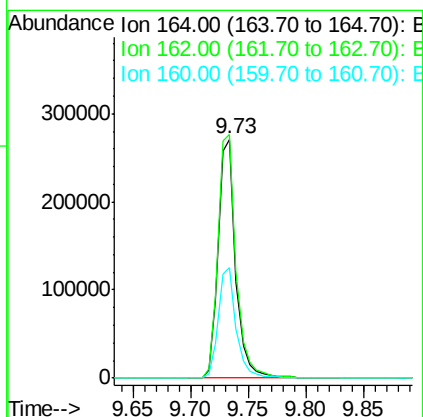
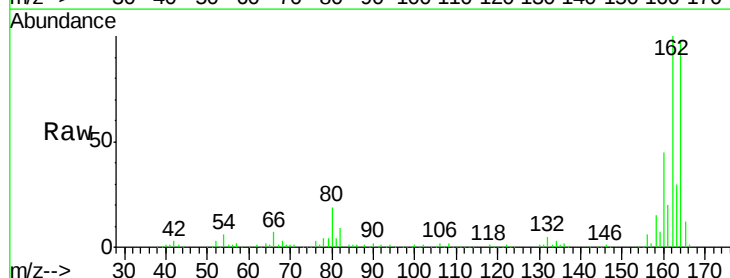
Instrument :
 BNA_F
 ClientSampleId :
 CO-2

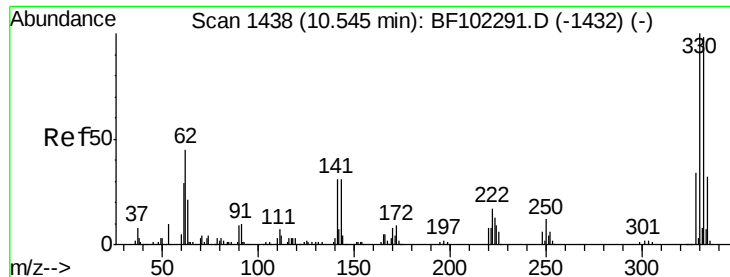
Tot Ion: 82 Resp: 721722
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 53.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102695.D
 Acq: 1 Feb 2018 19:21

Tgt Ion: 164 Resp: 287588
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.2 38.3 57.5

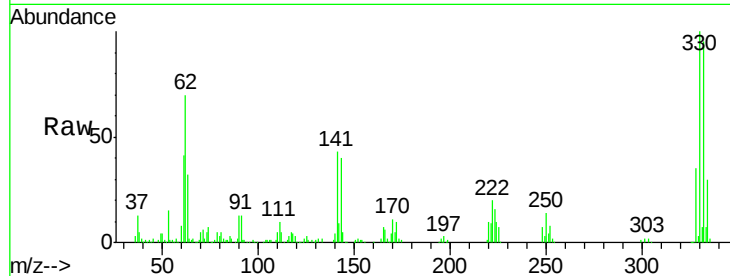




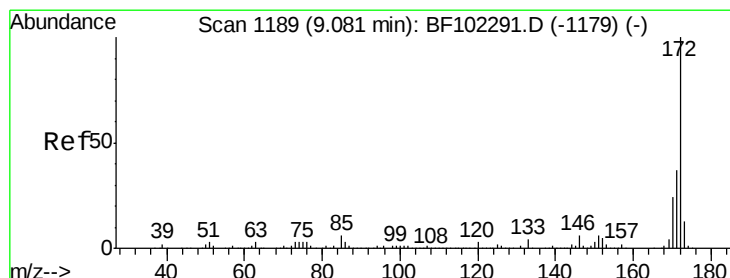
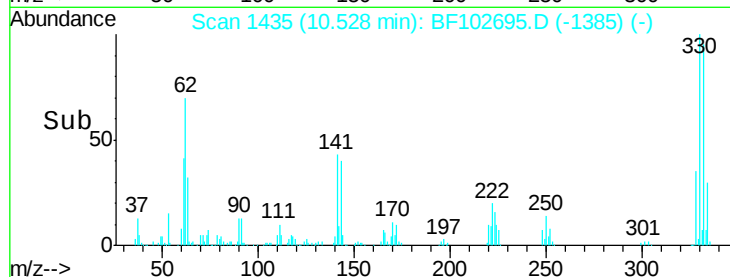
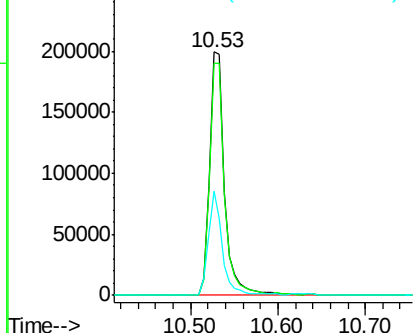
#41
 2,4,6-Tribromophenol
 Concen: 83.743 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF102695.D
 Acq: 1 Feb 2018 19:21

Instrument :
 BNA_F
 ClientSampled :
 CO-2

Tot Ion:330 Resp: 238634
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 40.4 29.9 44.9

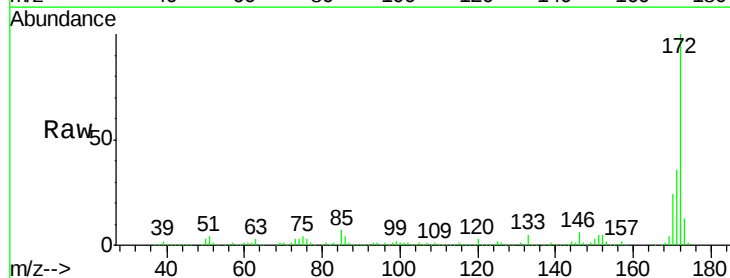


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

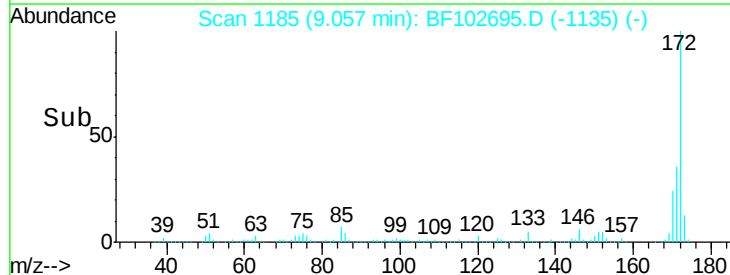
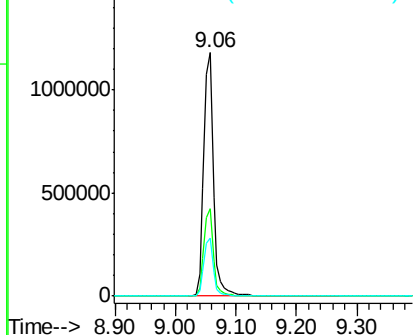


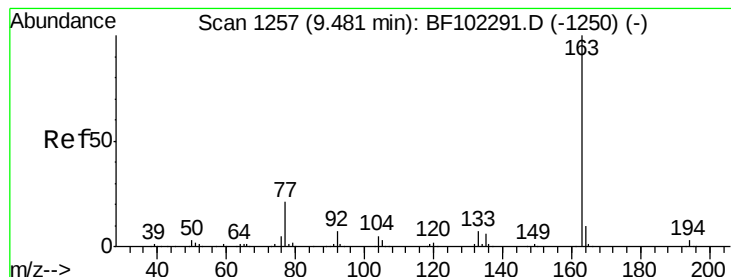
#44
 2-Fluorobiphenyl
 Concen: 68.076 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102695.D
 Acq: 1 Feb 2018 19:21

Tgt Ion:172 Resp: 1331499
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 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: 3.586 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102695.D

Acq: 1 Feb 2018 19:21

Instrument :

BNA_F

ClientSampleID :

CO-2

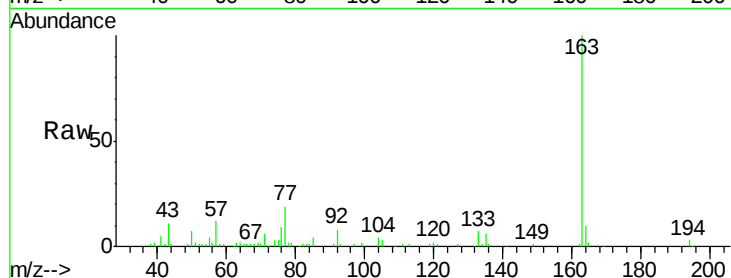
Tot Ion:163 Resp: 85239

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

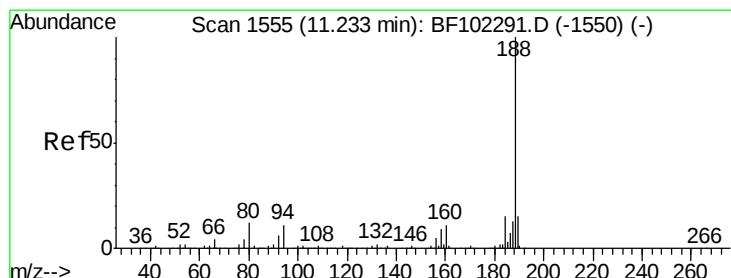
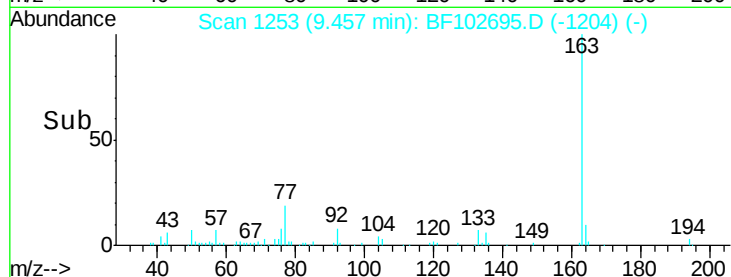
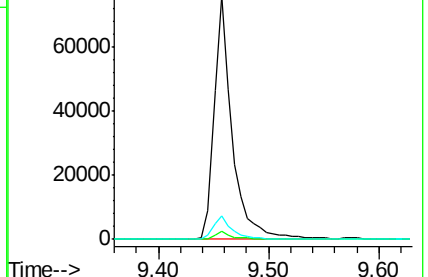
164 9.7 8.2 12.2



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: BF102695.D

Acq: 1 Feb 2018 19:21

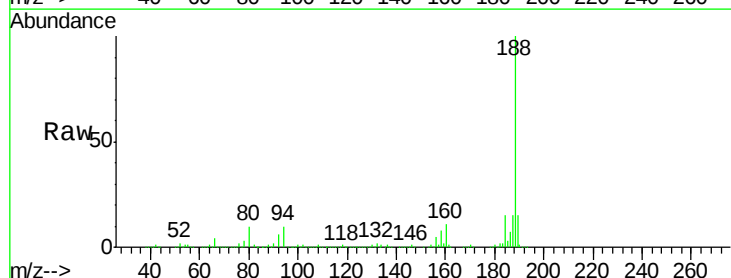
Tgt Ion:188 Resp: 505705

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

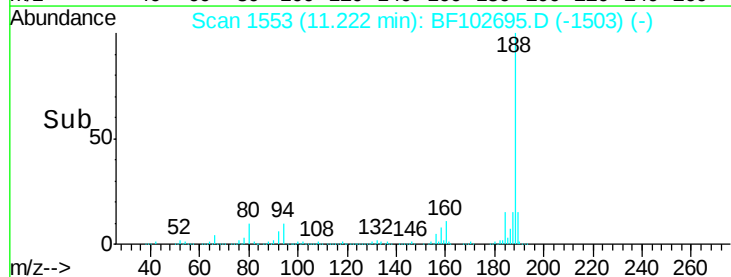
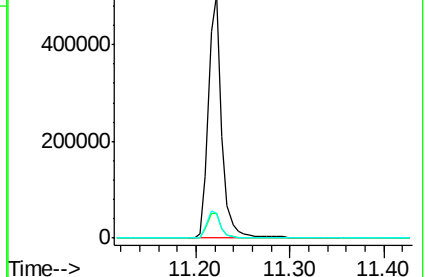
80 10.4 9.2 13.8

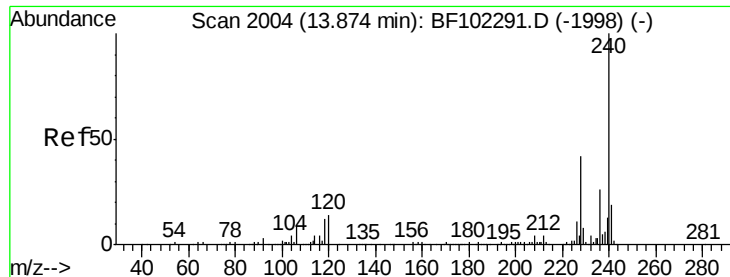


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102695.D

Acq: 1 Feb 2018 19:21

Instrument :

BNA_F

ClientSampleId :

CO-2

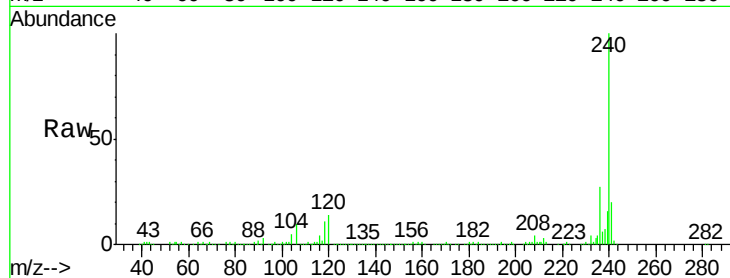
Tot Ion:240 Resp: 343599

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

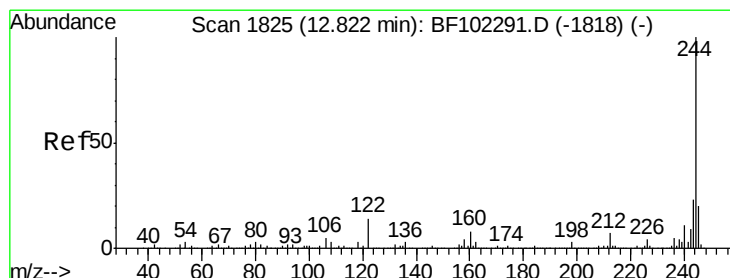
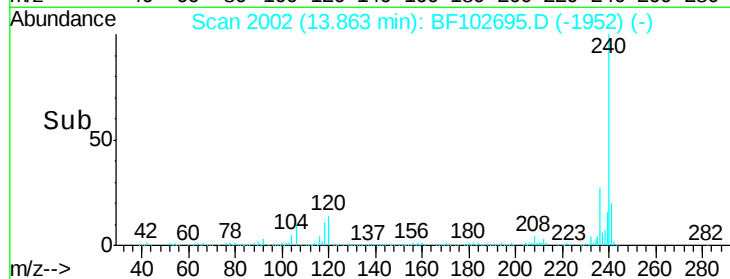
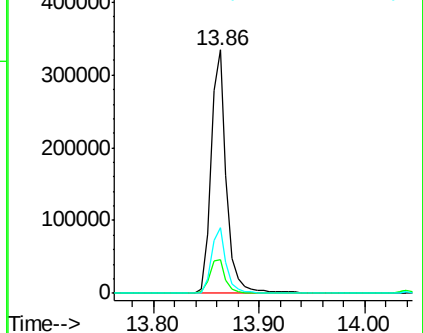
236 26.8 20.7 31.1



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: 80.173 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102695.D

Acq: 1 Feb 2018 19:21

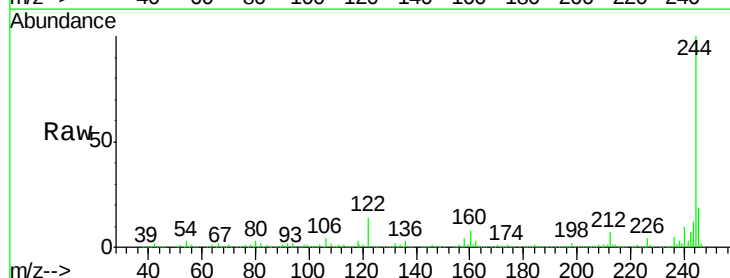
Tgt Ion:244 Resp: 1221967

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

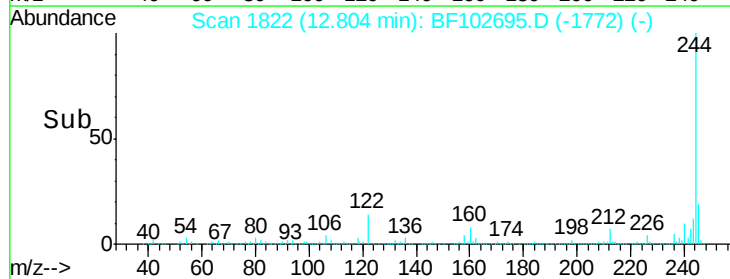
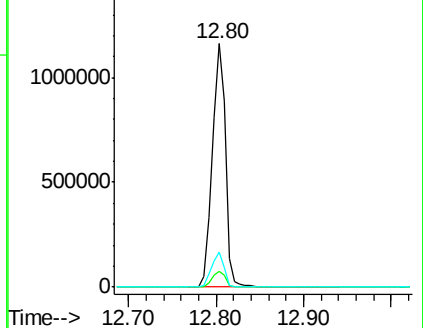
122 14.1 11.0 16.4

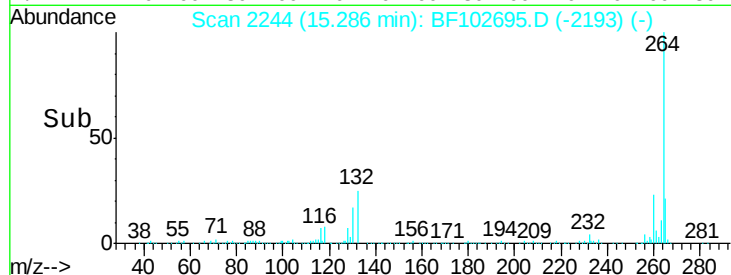
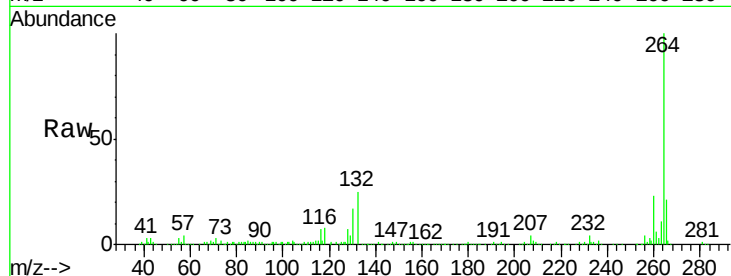
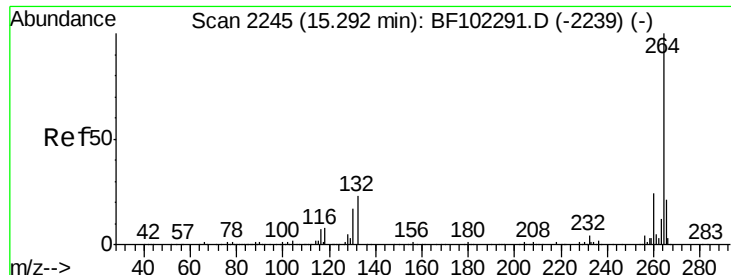


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2244
Delta R.T. 0.00 min
Lab File: BF102695.D
Acq: 1 Feb 2018 19:21

Instrument :
BNA_F
ClientSampleId :
CO-2

Tot Ion:	264	Resp:	268448
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3

