

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102583.D
 Acq On : 29 Jan 2018 5:30
 Operator : SJ/JU
 Sample : J1311-01RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

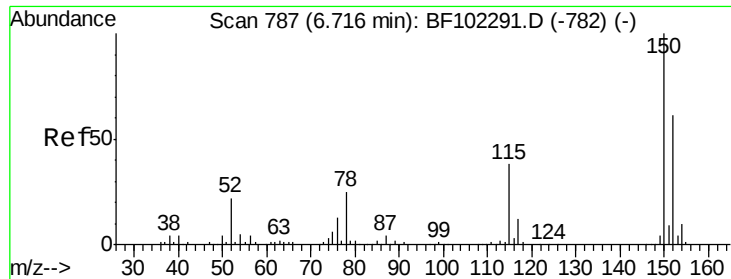
Instrument :
 BNA_F
 ClientSampleId :
 19505-7RE

Quant Time: Jan 29 06:27:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161045	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	643434	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	258075	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369220	20.00	ng	0.00
75) Chrysene-d12	13.87	240	298572	20.00	ng	0.00
86) Perylene-d12	15.31	264	210682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1305736	122.94	ng	0.02
7) Phenol-d6	6.37	99	1476615	115.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	1016643	90.80	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	253847	99.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1664307	94.82	ng	0.00
78) Terphenyl-d14	12.82	244	1148522	86.72	ng	0.00

Target Compounds Qvalue

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

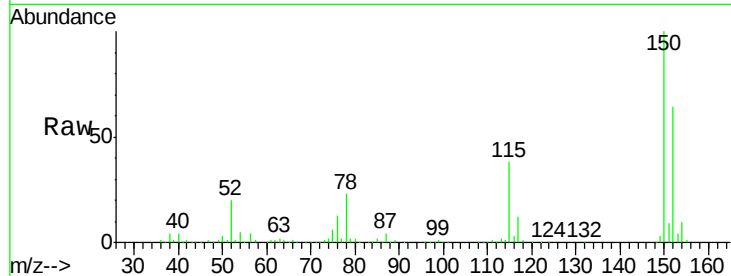


#1

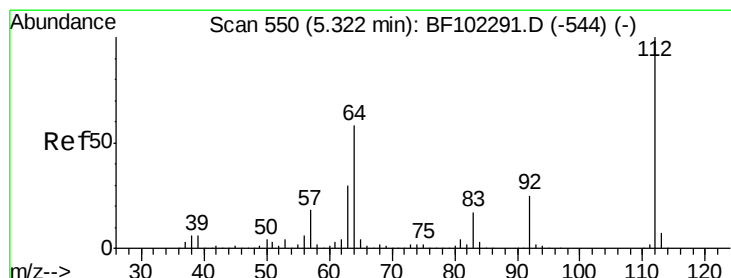
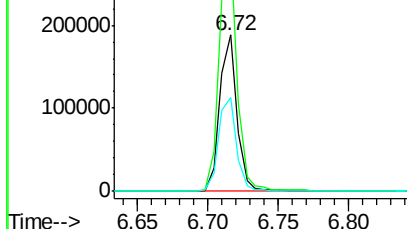
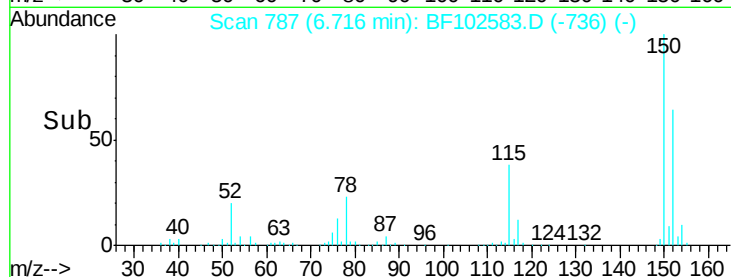
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Instrument :
BNA_F
ClientSampleId :
19505-7RE

Tot Ion:152 Resp: 161045
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 59.9 50.1 75.1



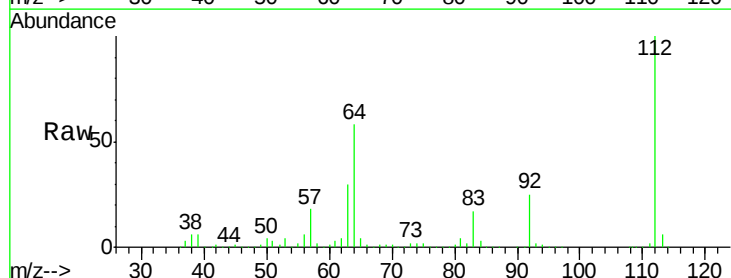
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



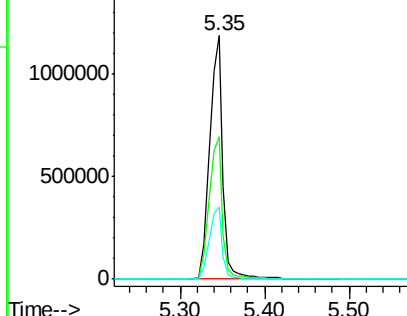
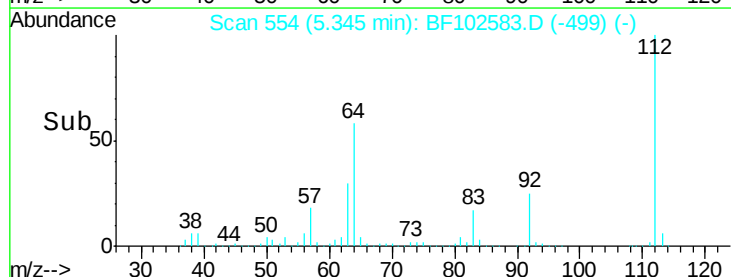
#5

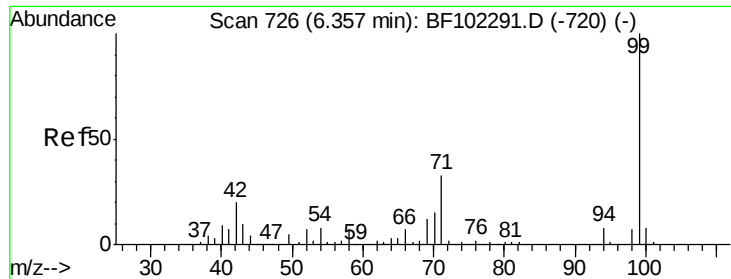
2-Fluorophenol
Concen: 122.937 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Tgt Ion:112 Resp: 1305736
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.8 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: 115.317 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Instrument :

BNA_F

ClientSampleId :

19505-7RE

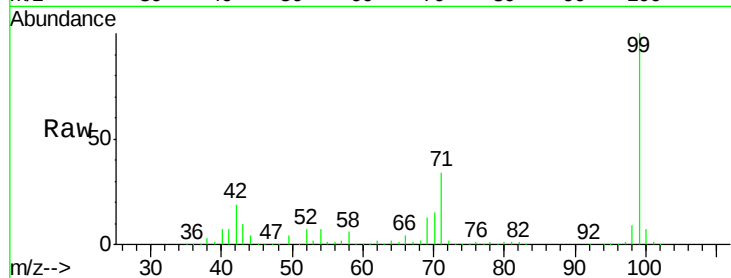
Tot Ion: 99 Resp: 1476615

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

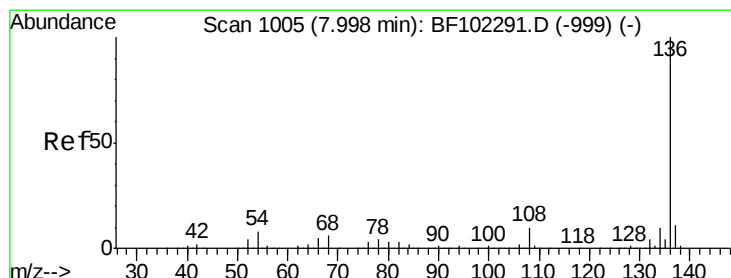
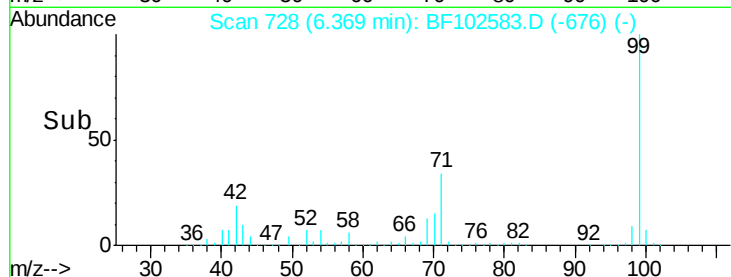
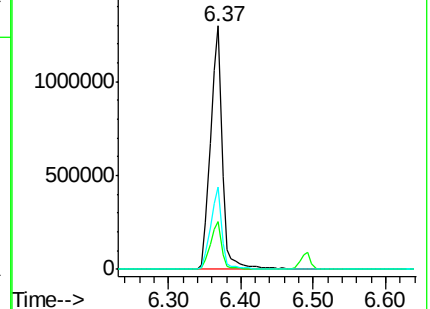
71 33.6 25.4 38.0



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: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Tgt Ion: 136 Resp: 643434

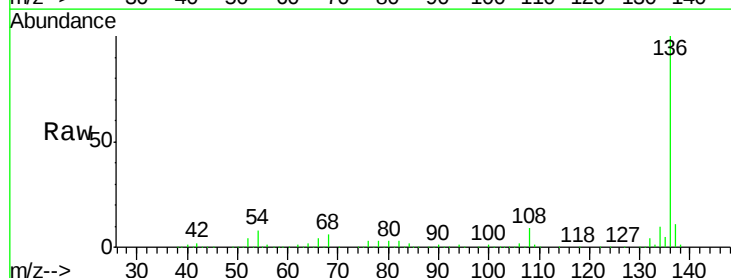
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.5 5.0 7.4

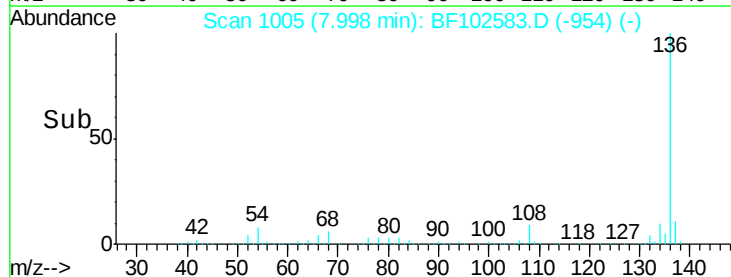
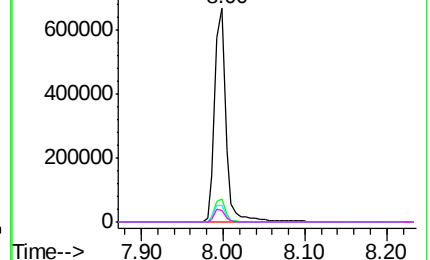


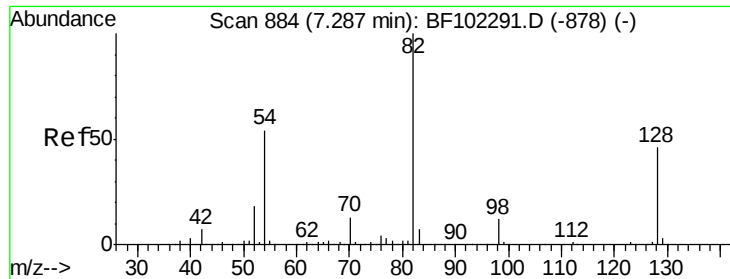
Abundance Ion 136.00 (135.70 to 136.70): E

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

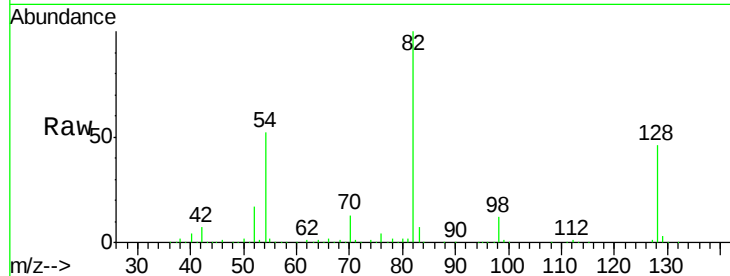




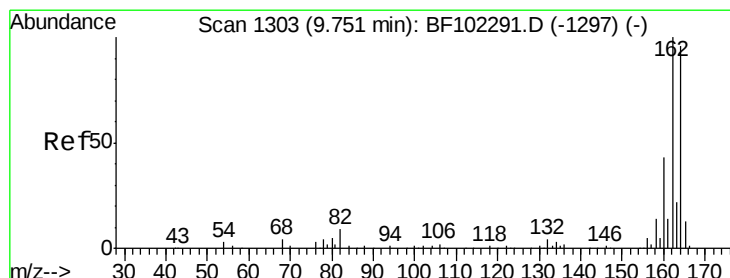
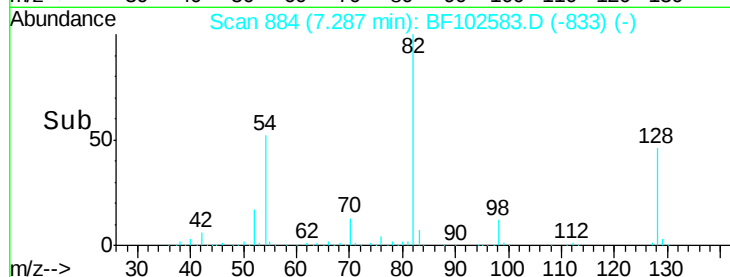
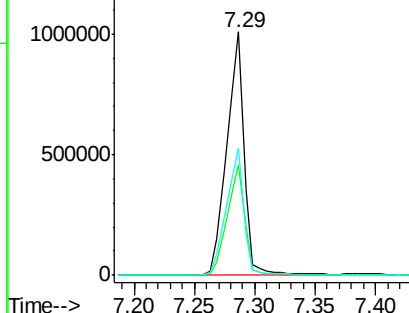
#23
 Nitrobenzene-d5
 Concen: 90.799 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 19505-7RE

Tot Ion: 82 Resp: 1016643
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 52.2 41.4 62.2

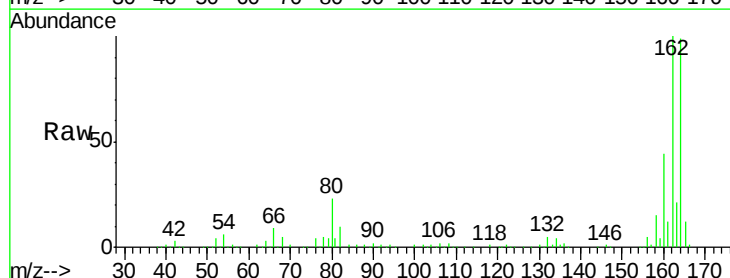


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

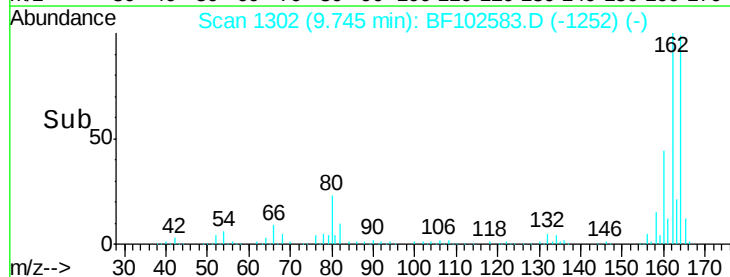
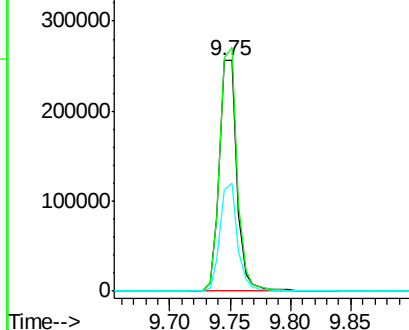


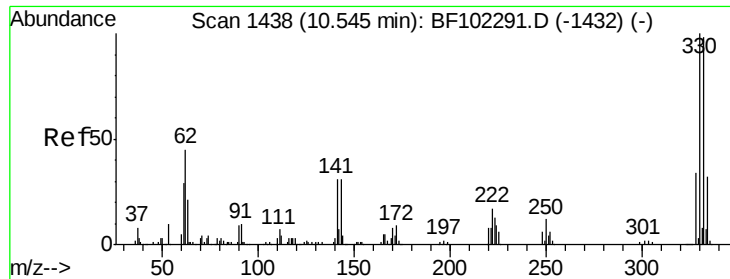
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Tgt Ion: 164 Resp: 258075
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 44.2 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: 99.269 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Instrument :

BNA_F

ClientSampleId :

19505-7RE

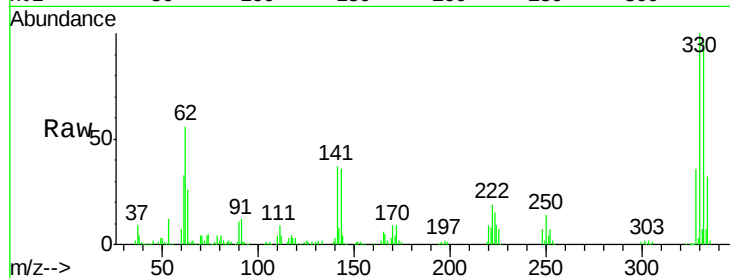
Tot Ion:330 Resp: 253847

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

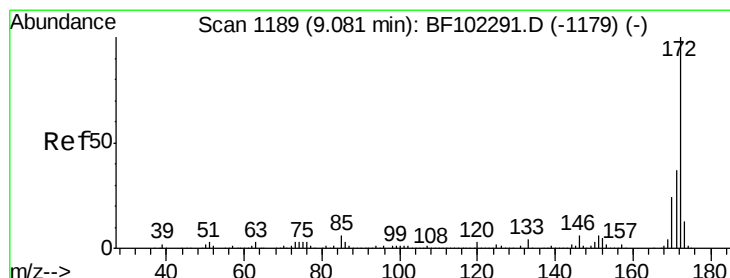
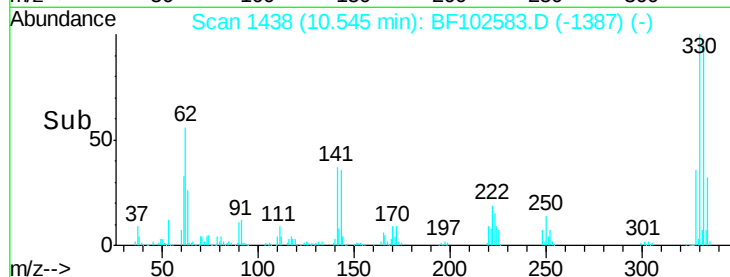
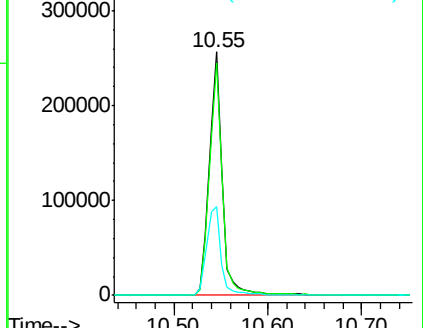
141 40.7 29.9 44.9



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: 94.822 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

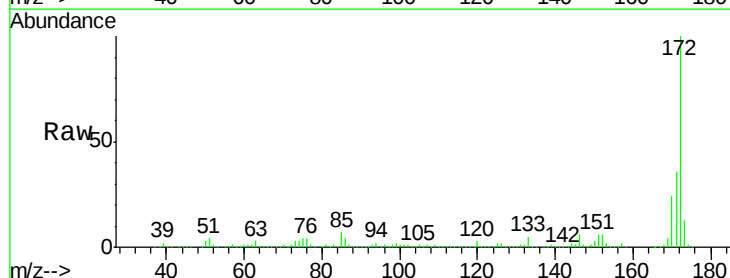
Tgt Ion:172 Resp: 1664307

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

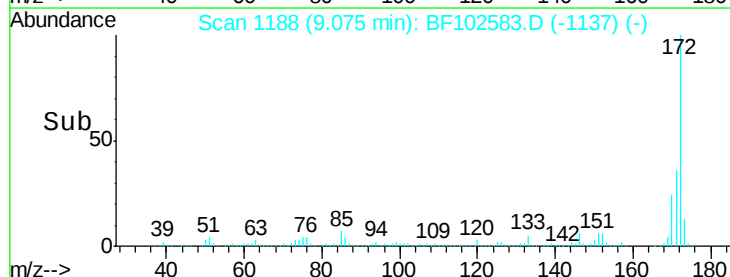
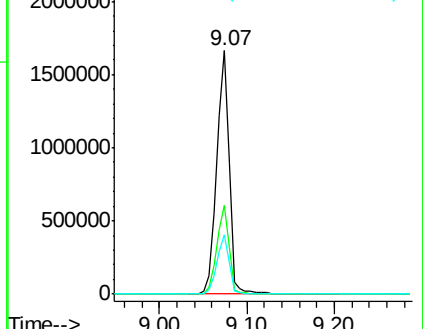
170 24.1 19.6 29.4

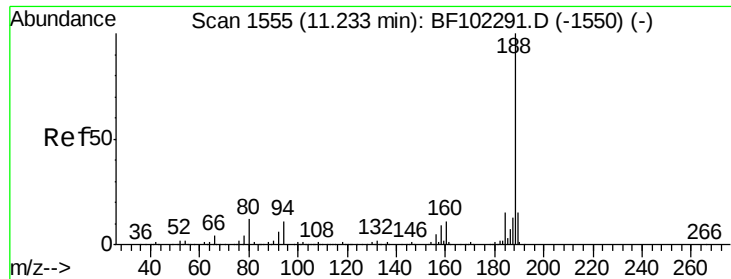


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

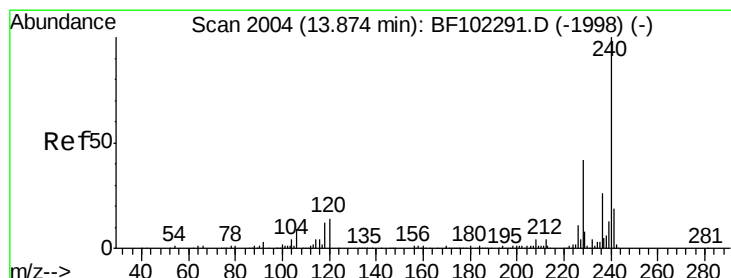
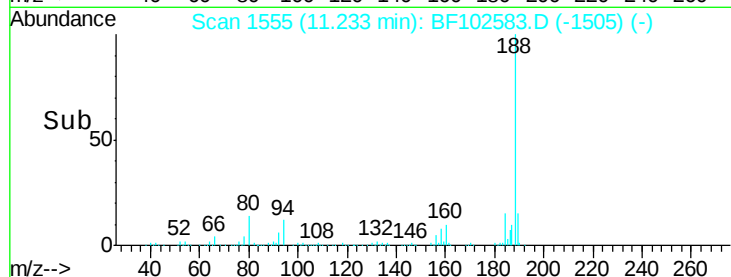
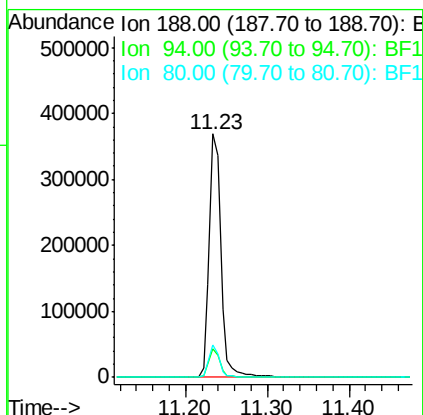
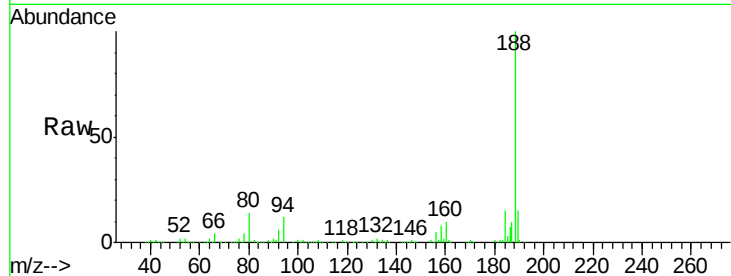




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

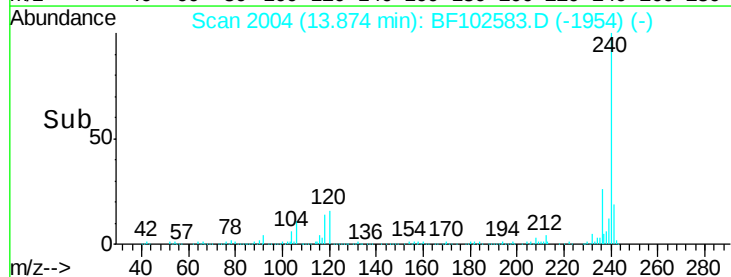
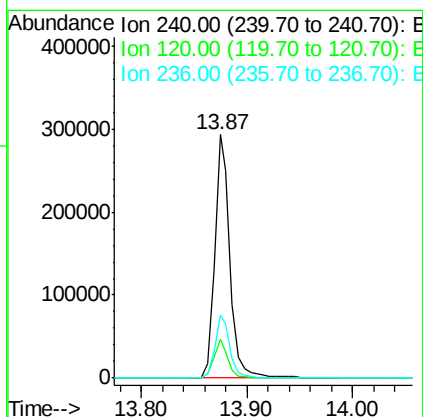
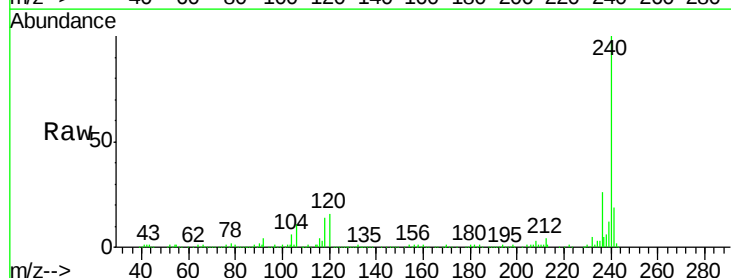
Instrument :
BNA_F
ClientSampleId :
19505-7RE

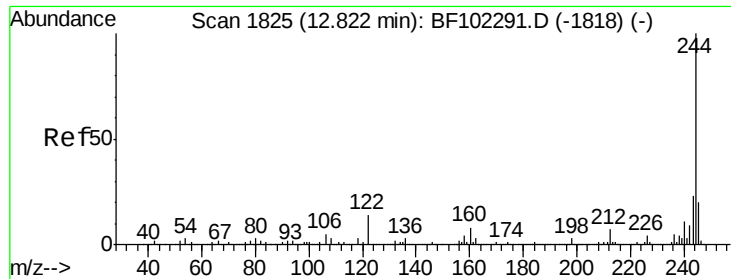
Tot Ion:188 Resp: 369220
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Tgt Ion:240 Resp: 298572
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 25.9 20.7 31.1

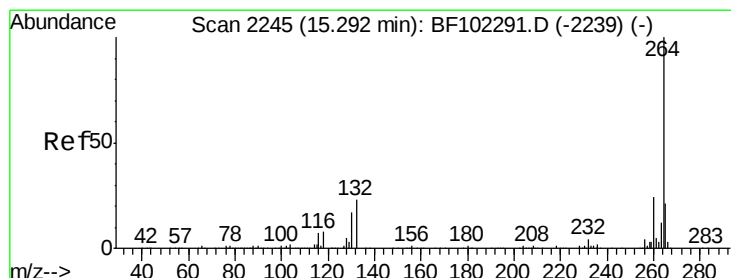
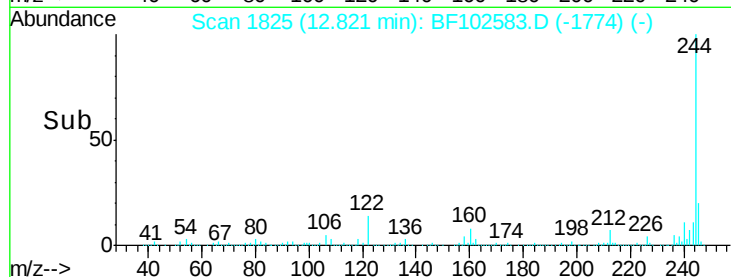
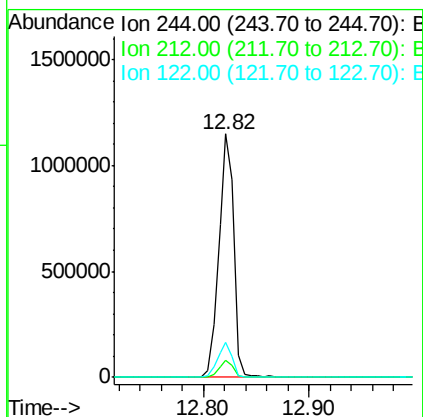
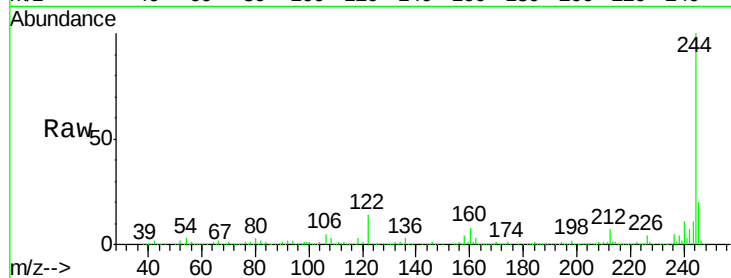




#78
 Terphenyl-d14
 Concen: 86.719 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 19505-7RE

Tot Ion:244 Resp: 1148522
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Tgt Ion:264 Resp: 210682
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.5 17.5 26.3

