

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103133.D
 Acq On : 21 Feb 2018 13:51
 Operator : SJ/JU
 Sample : J1391-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-A

Quant Time: Feb 21 15:29:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

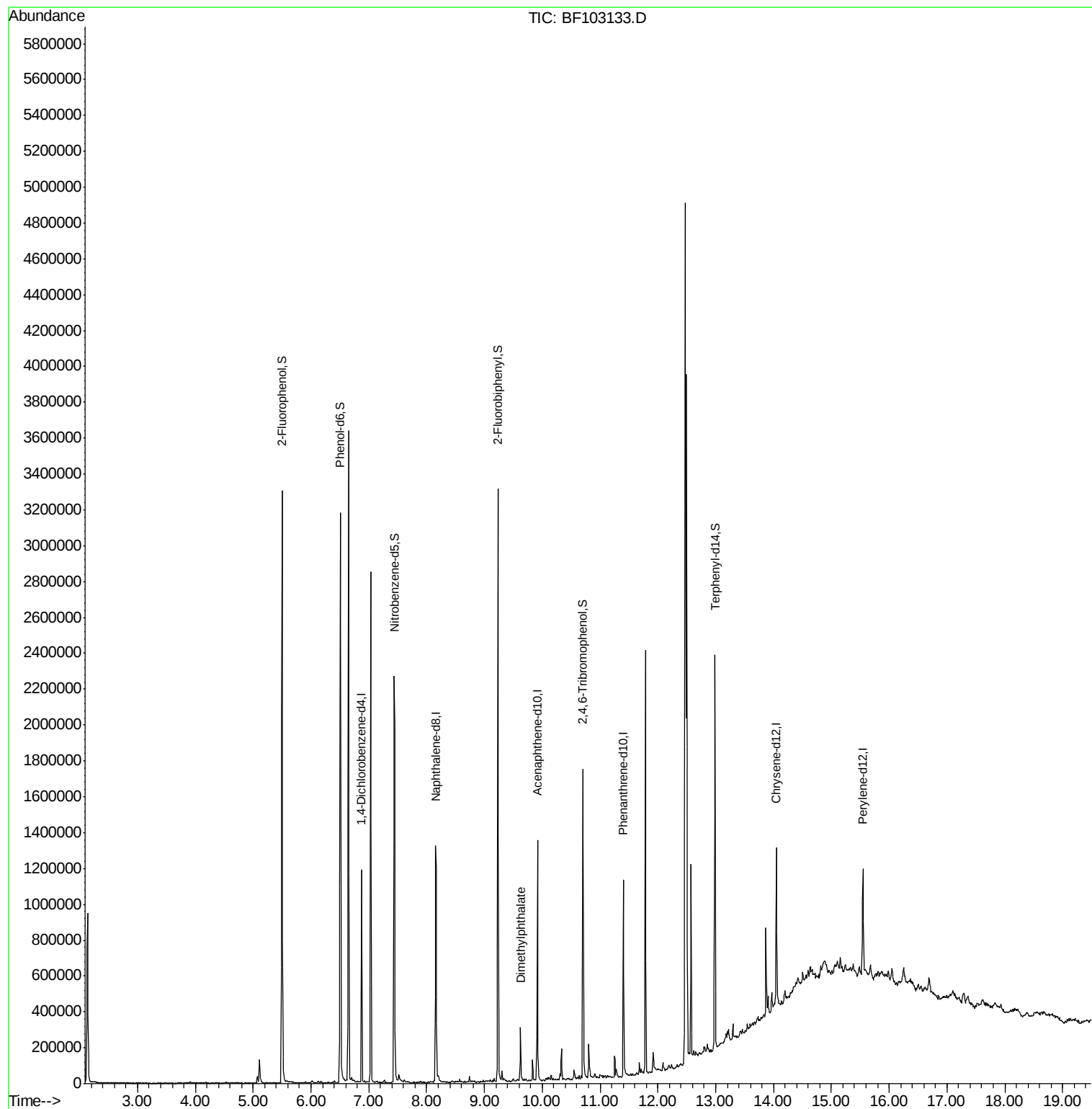
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159185	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	654570	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	259521	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	374738	20.00	ng	0.00
75) Chrysene-d12	14.05	240	310144	20.00	ng	0.00
86) Perylene-d12	15.54	264	270252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1040688	99.28	ng	0.00
7) Phenol-d6	6.51	99	1240110	98.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	785802	83.28	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	193773	92.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1019967	65.22	ng	0.00
78) Terphenyl-d14	12.99	244	760409	58.05	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	114939	5.680	ng	# 99

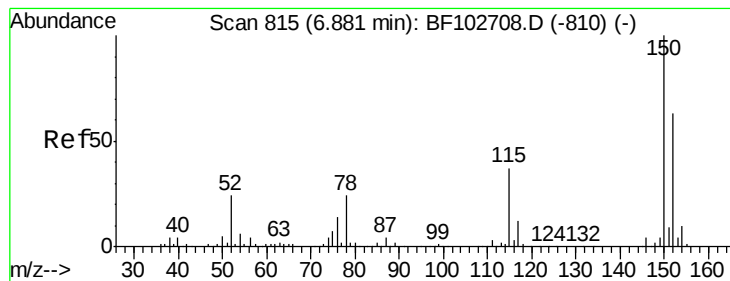
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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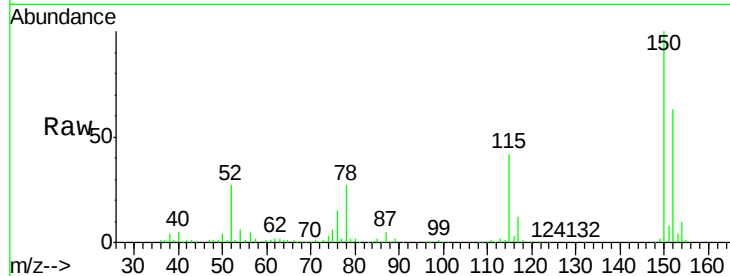


#1

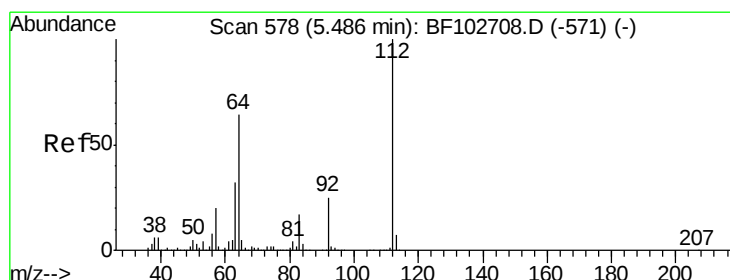
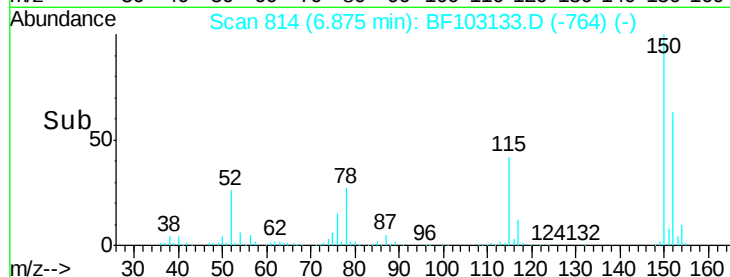
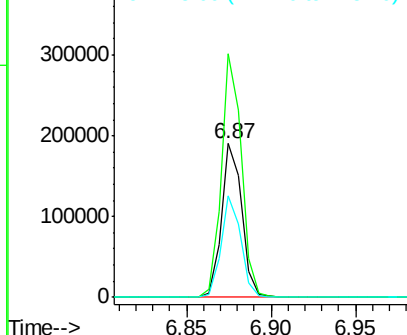
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103133.D
Acq: 21 Feb 2018 13:51

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-A

Tot Ion:152 Resp: 159185
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 65.9 50.1 75.1



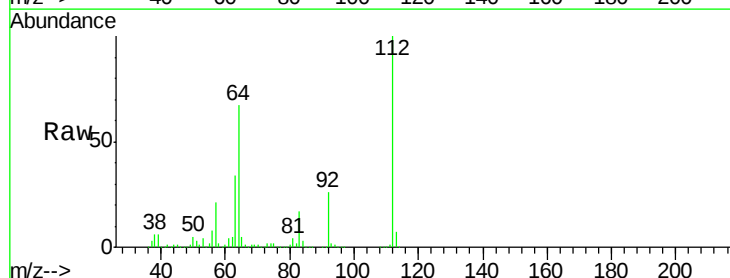
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



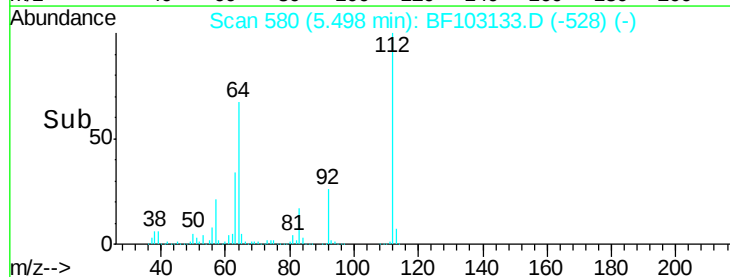
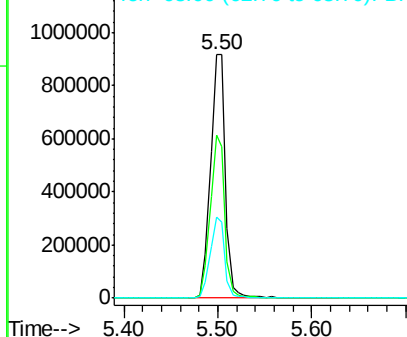
#5

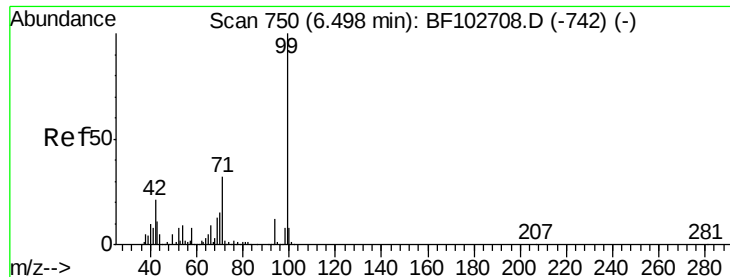
2-Fluorophenol
Concen: 99.284 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103133.D
Acq: 21 Feb 2018 13:51

Tgt Ion:112 Resp: 1040688
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 33.5 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: 98.258 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-A

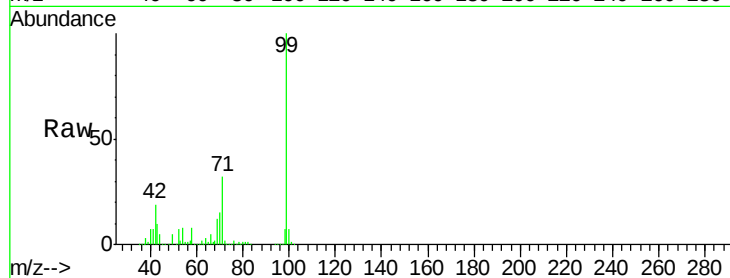
Tot Ion: 99 Resp: 1240110

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

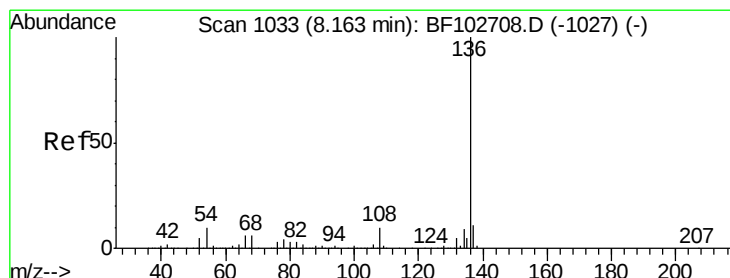
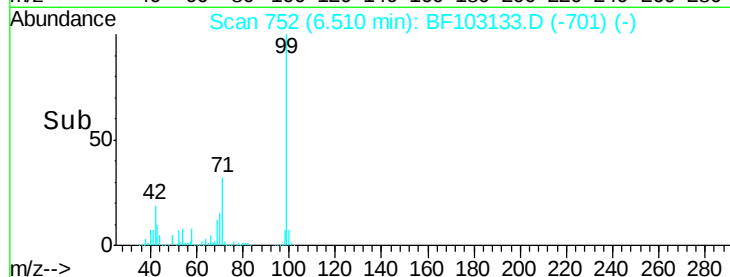
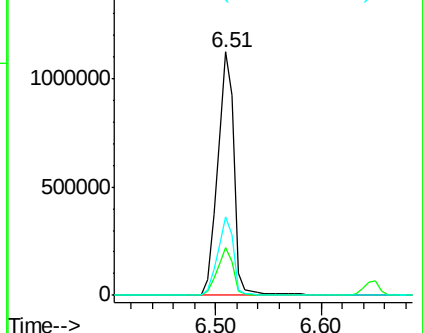
71 32.1 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

Tgt Ion: 136 Resp: 654570

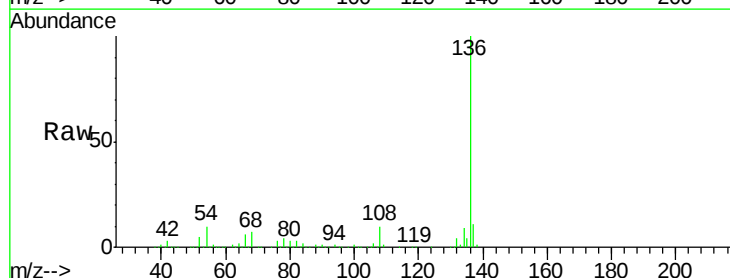
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.5 5.0 7.4

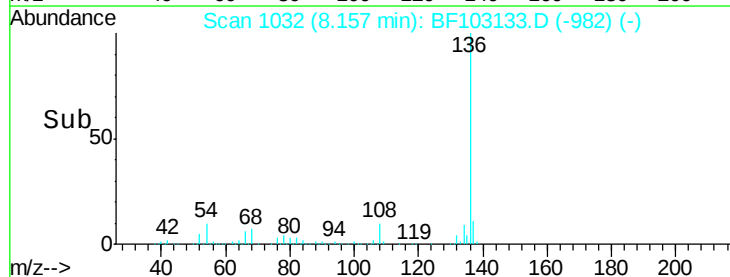
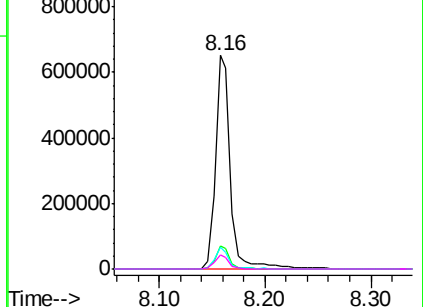


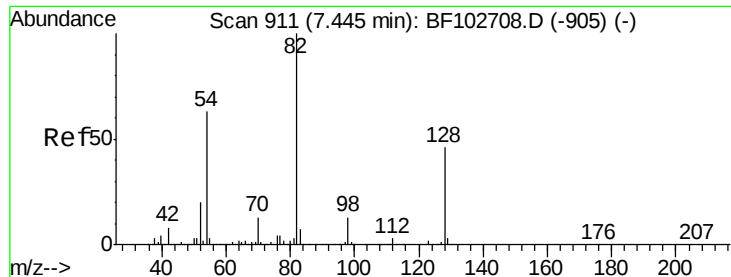
Abundance Ion 136.00 (135.70 to 136.70): E

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

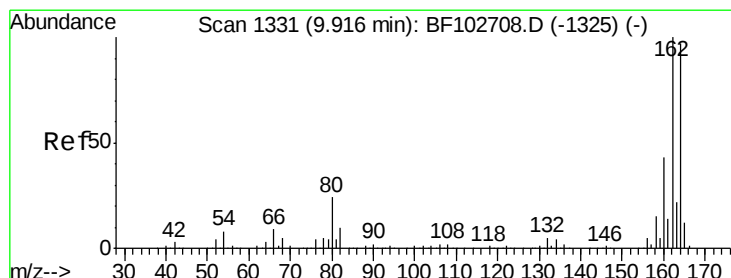
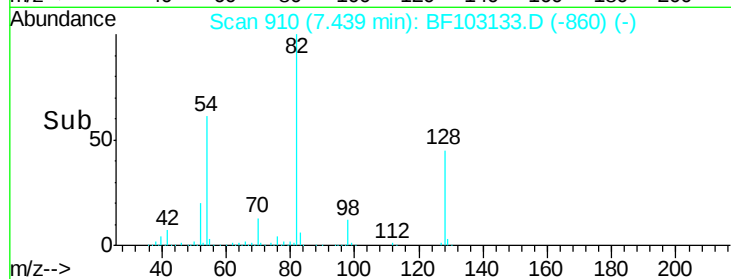
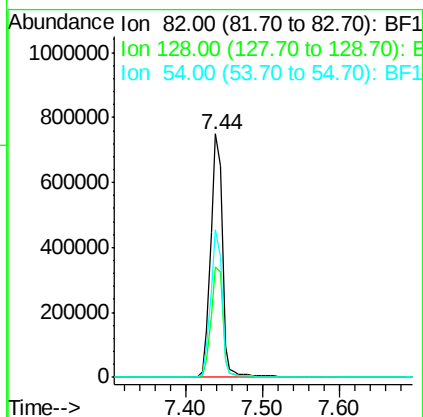
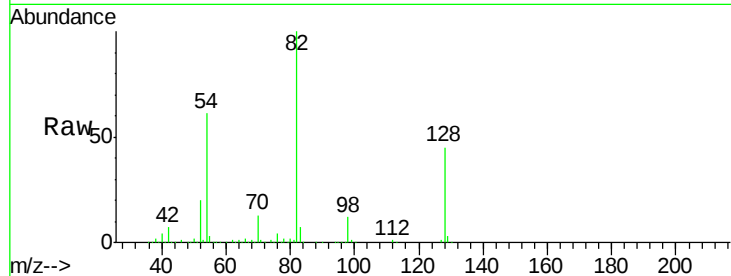




#23
 Nitrobenzene-d5
 Concen: 83.278 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103133.D
 Acq: 21 Feb 2018 13:51

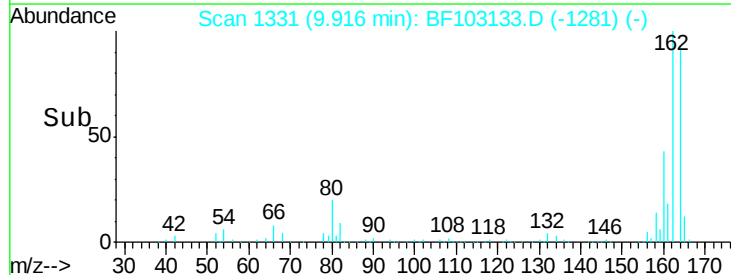
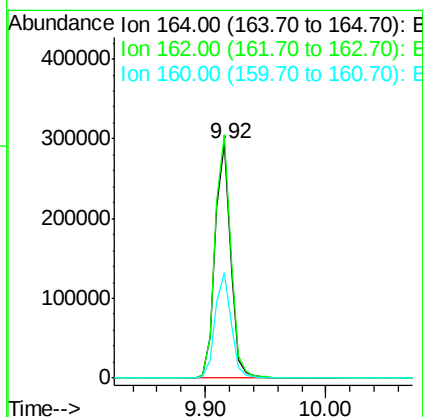
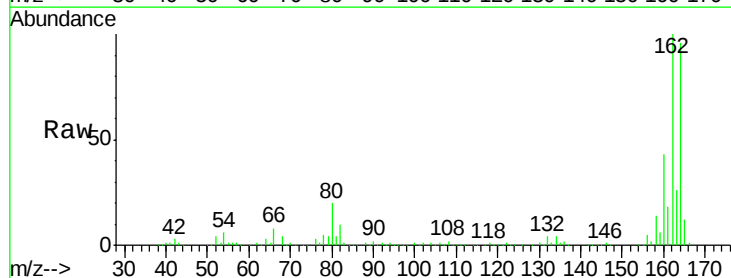
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-A

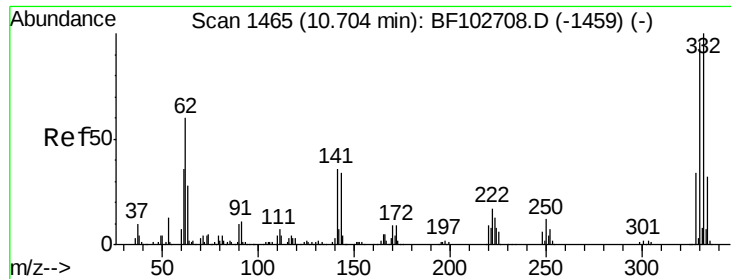
Tot Ion: 82 Resp: 785802
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103133.D
 Acq: 21 Feb 2018 13:51

Tgt Ion: 164 Resp: 259521
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 92.766 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-A

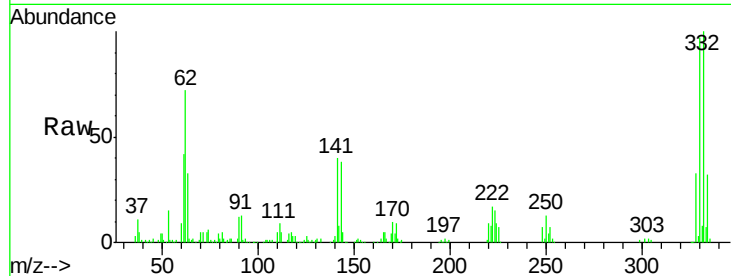
Tot Ion:330 Resp: 193773

Ion Ratio Lower Upper

330 100

332 103.7 77.0 115.6

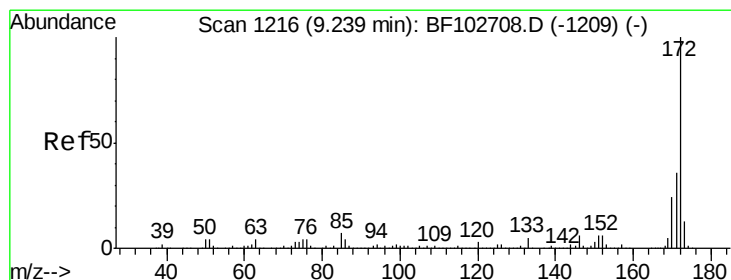
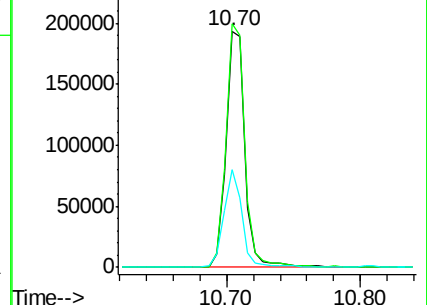
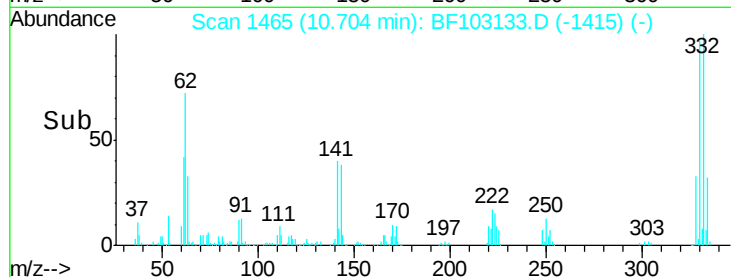
141 40.1 29.9 44.9



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: 65.216 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

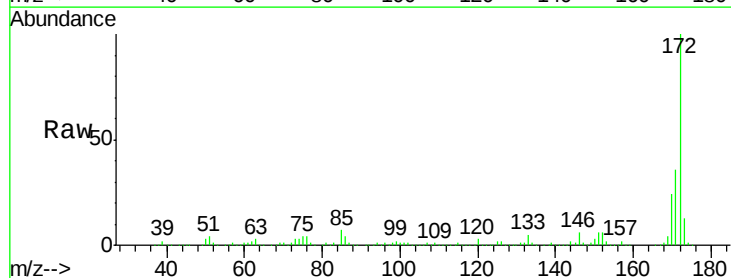
Tgt Ion:172 Resp: 1019967

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

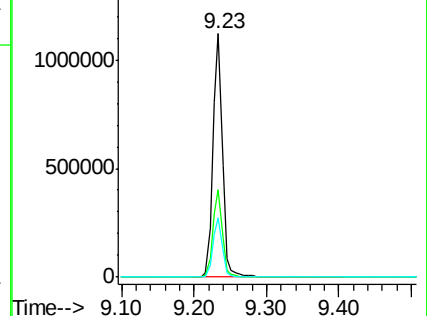
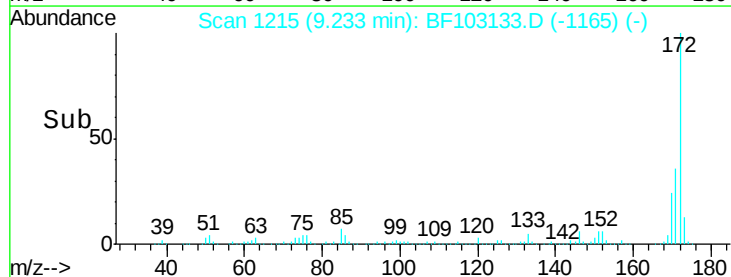
170 24.4 19.6 29.4

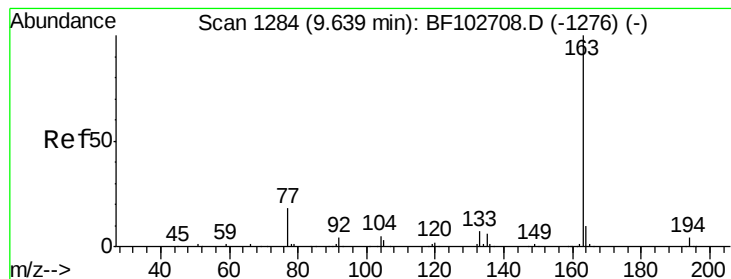


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.680 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-A

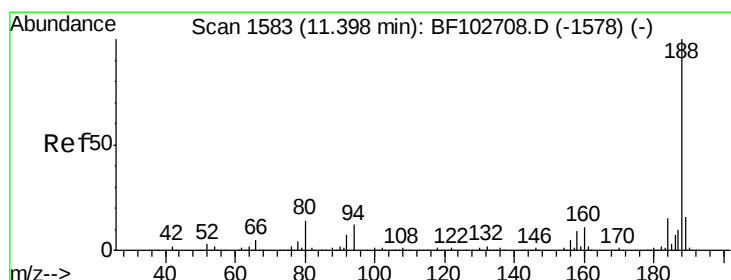
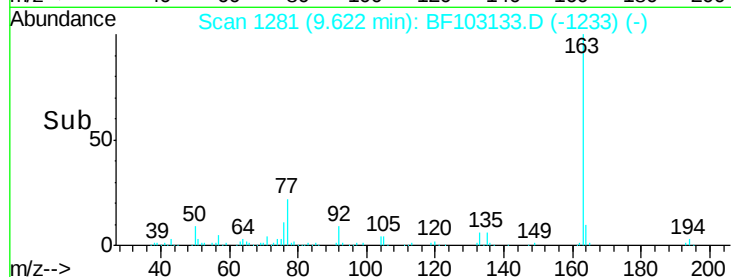
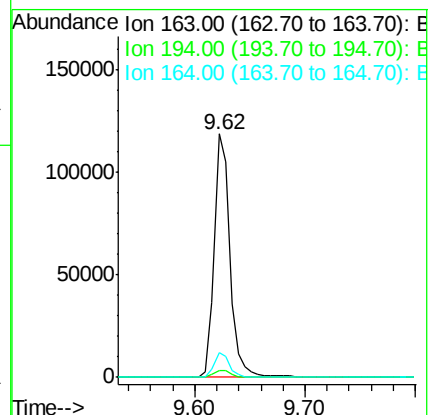
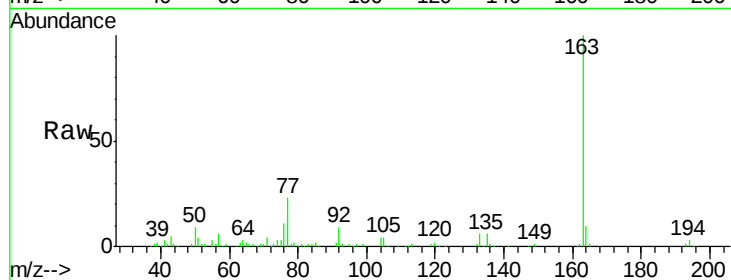
Tot Ion:163 Resp: 114939

Ion Ratio Lower Upper

163 100

194 2.6 2.7 4.1#

164 10.0 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

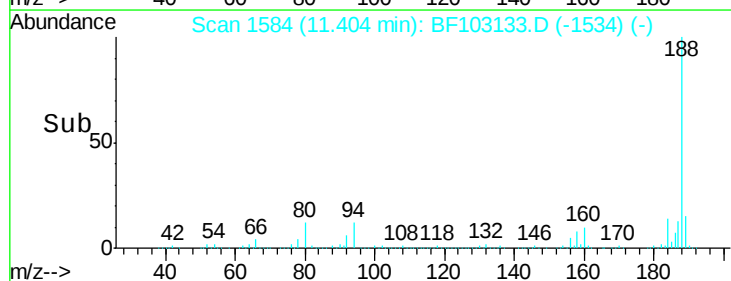
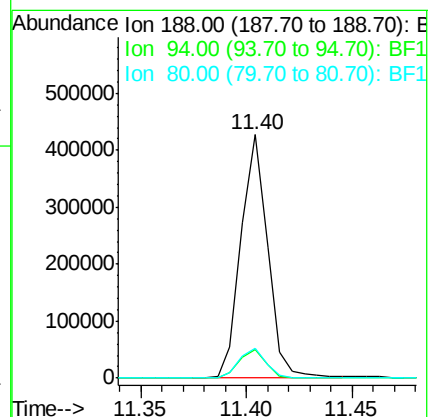
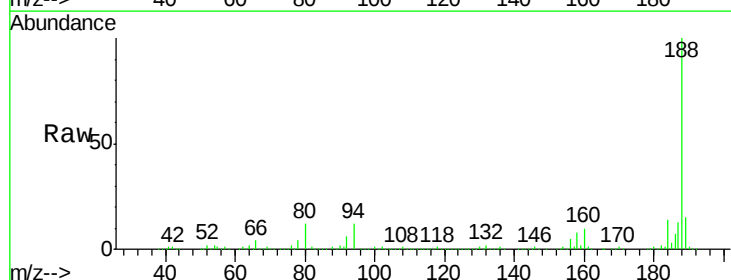
Tgt Ion:188 Resp: 374738

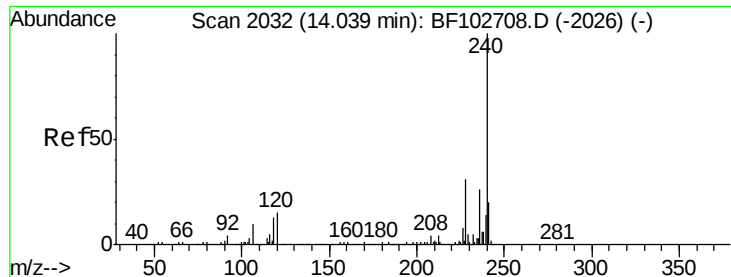
Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

80 12.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

Instrument :

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AU-05-022018-A

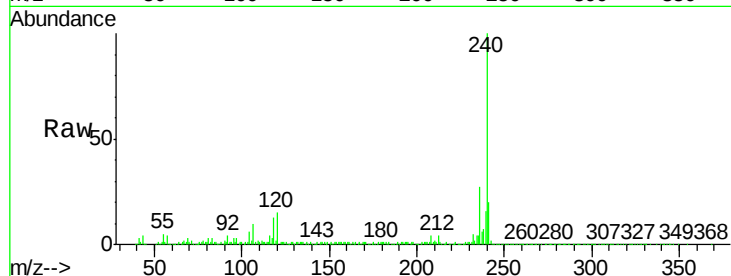
Tot Ion:240 Resp: 310144

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

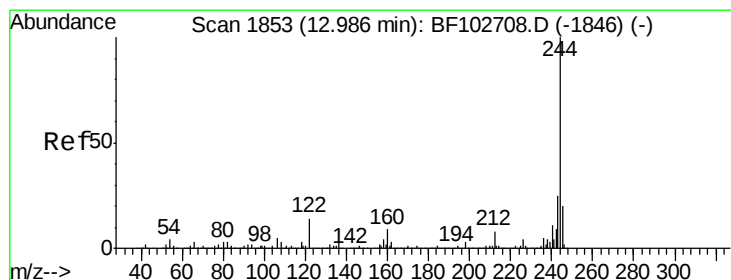
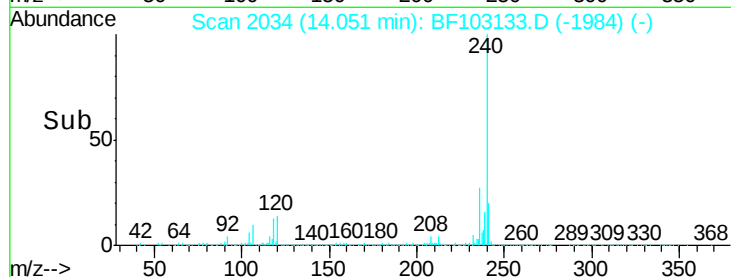
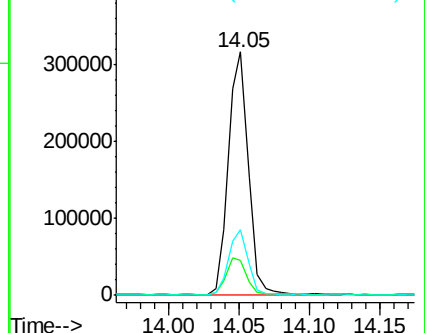
236 27.2 20.7 31.1



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: 58.053 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103133.D

Acq: 21 Feb 2018 13:51

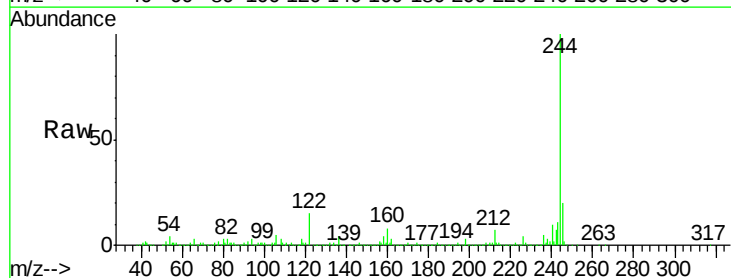
Tgt Ion:244 Resp: 760409

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

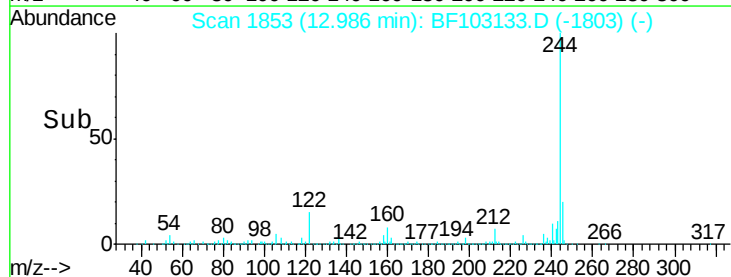
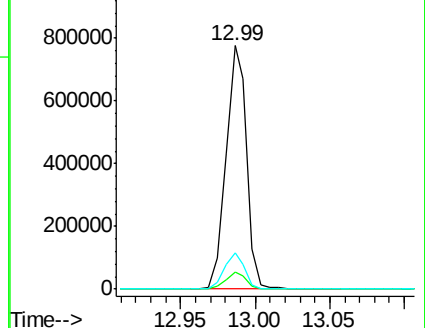
122 15.0 11.0 16.4

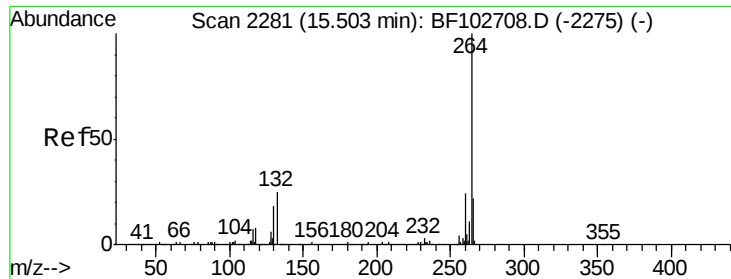


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103133.D
Acq: 21 Feb 2018 13:51

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

