

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103281.D
 Acq On : 27 Feb 2018 23:20
 Operator : SJ/JU
 Sample : J1705-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100MVAR

Quant Time: Feb 28 04:03:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

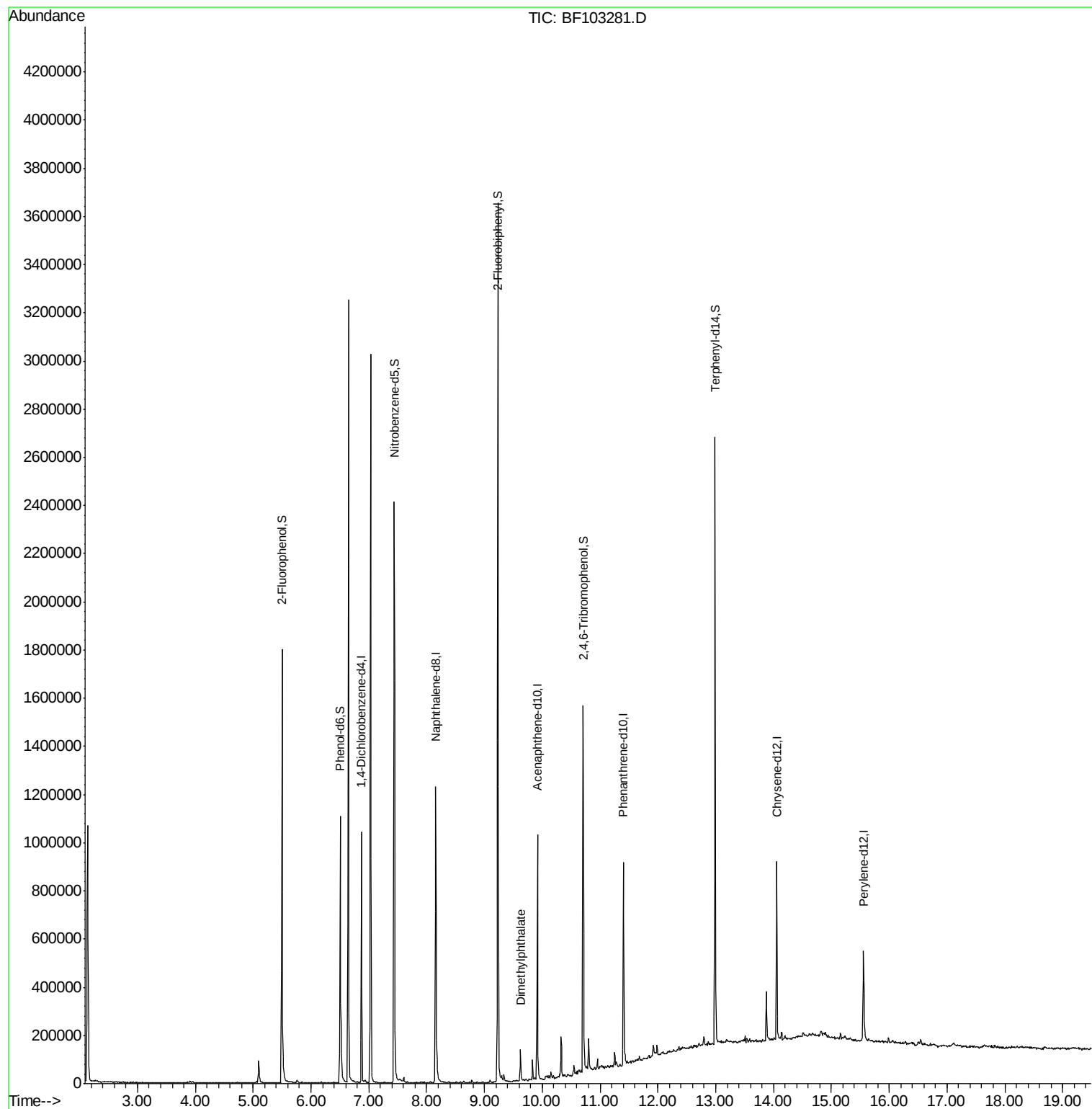
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139612	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	552615	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	206795	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	301312	20.00	ng	0.00
75) Chrysene-d12	14.06	240	247446	20.00	ng	0.00
86) Perylene-d12	15.56	264	172274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	527963	57.19	ng	0.00
7) Phenol-d6	6.50	99	384734	34.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	836465	86.44	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	187039	106.85	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1213360	107.62	ng	0.00
78) Terphenyl-d14	12.99	244	899641	87.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	50341	3.035	ng	99

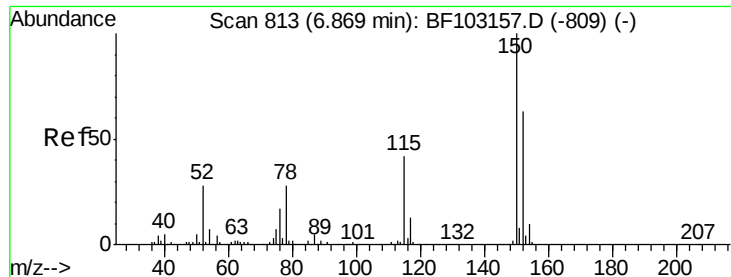
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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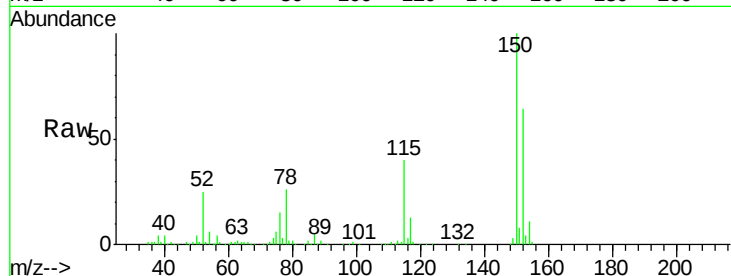


#1

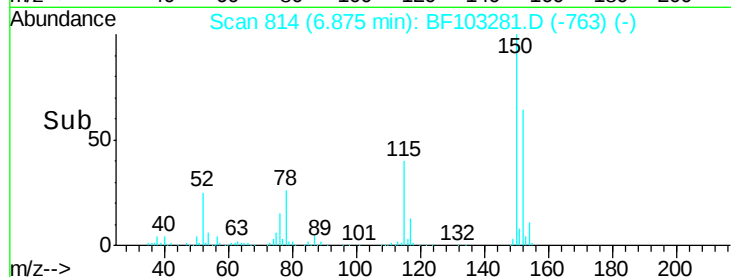
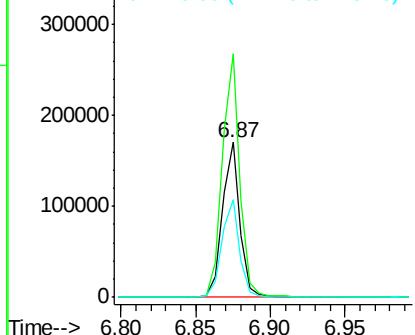
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Instrument :
BNA_F
ClientSampleId :
100MVAR

Tot Ion:152 Resp: 139612
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 63.3 50.1 75.1



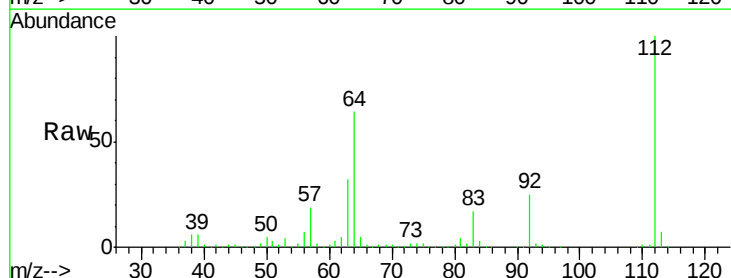
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



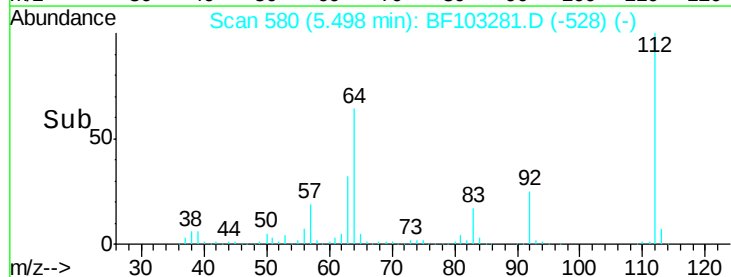
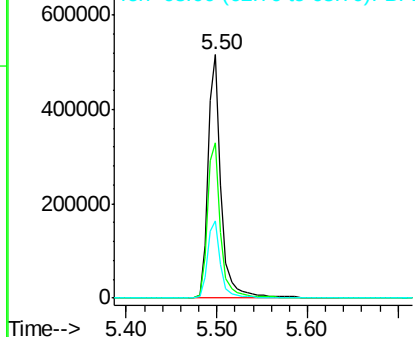
#5

2-Fluorophenol
Concen: 57.195 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Tgt Ion:112 Resp: 527963
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 31.7 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: 34.061 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampled :

100MVAR

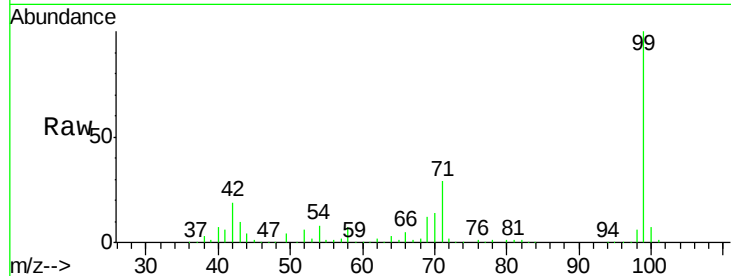
Tot Ion: 99 Resp: 384734

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

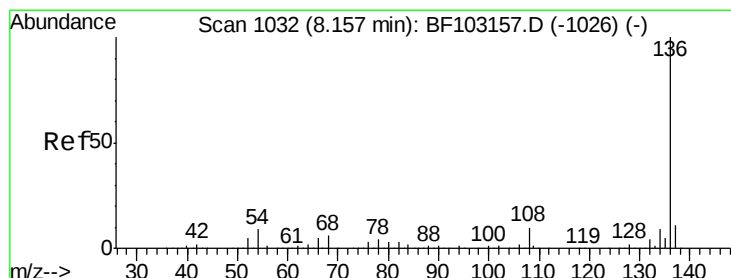
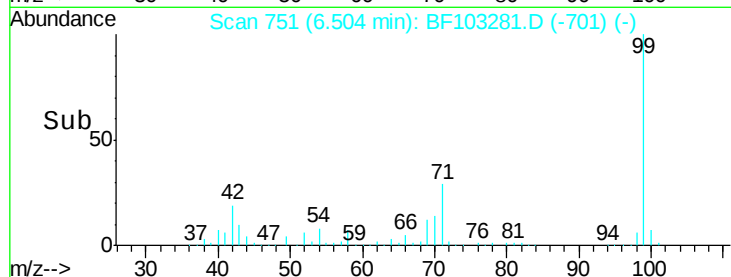
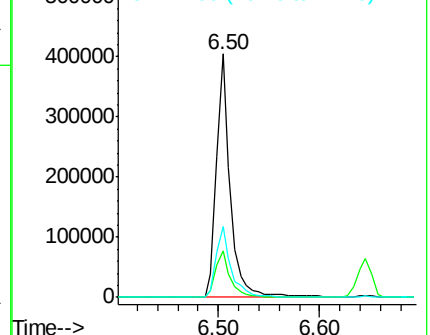
71 29.3 25.4 38.0



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. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Tgt Ion: 136 Resp: 552615

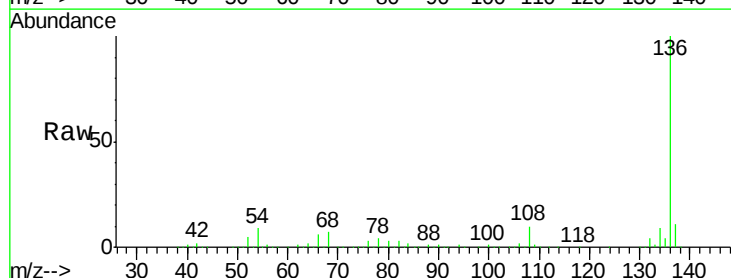
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.6 5.0 7.4

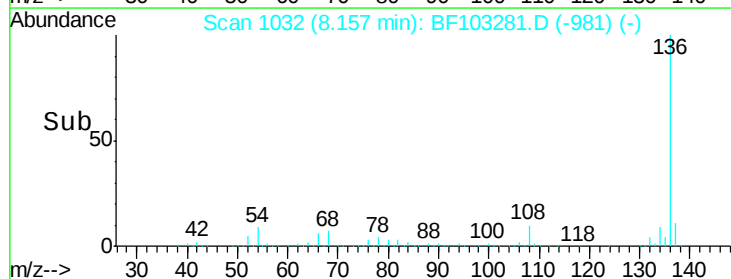
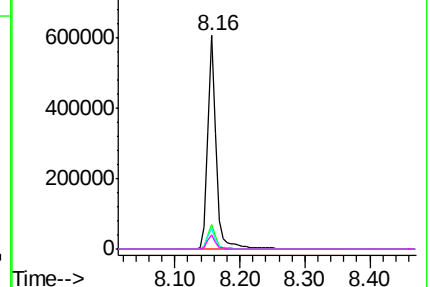


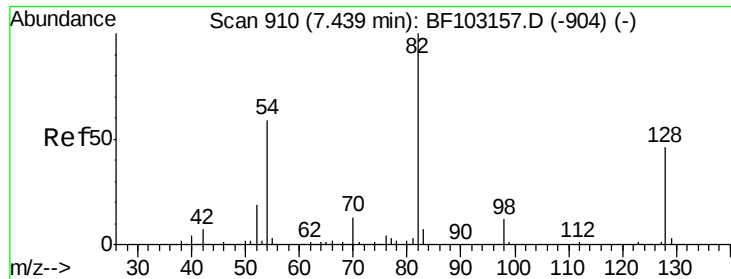
Abundance Ion 136.00 (135.70 to 136.70): E

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

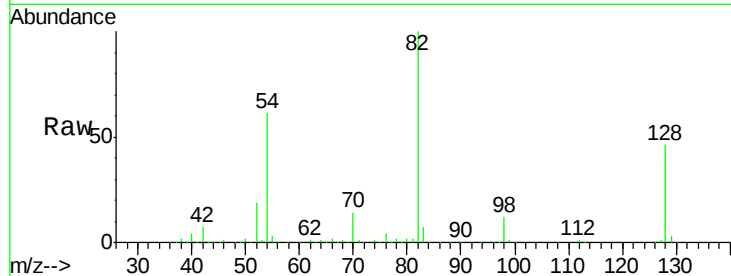




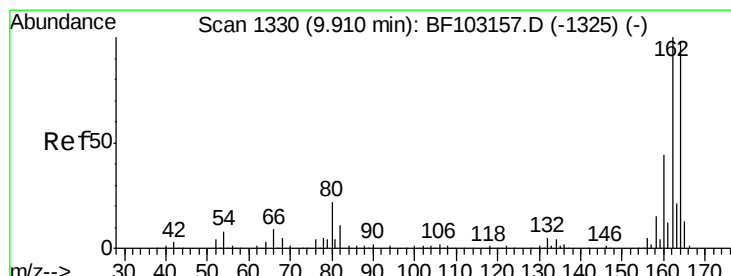
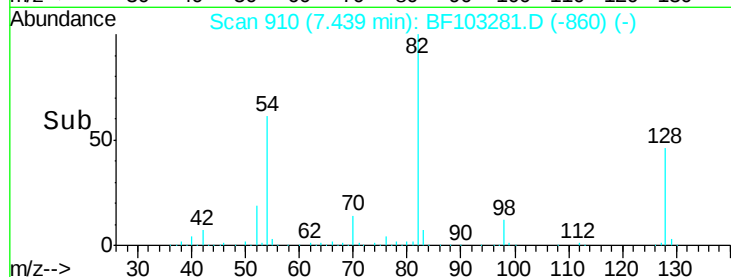
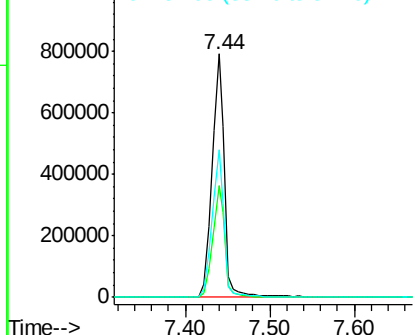
#23
 Nitrobenzene-d5
 Concen: 86.442 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 100MVAR

Tot Ion: 82 Resp: 836465
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 60.5 41.4 62.2

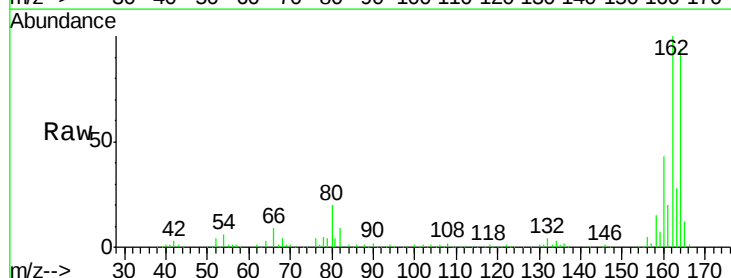


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

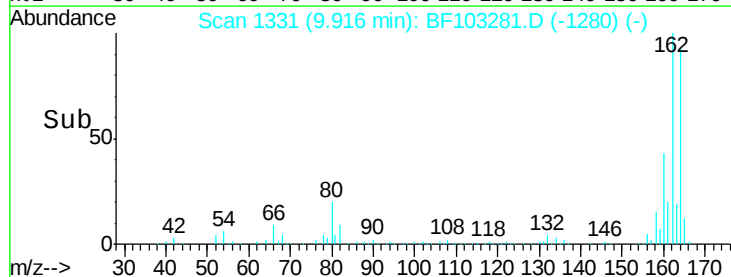
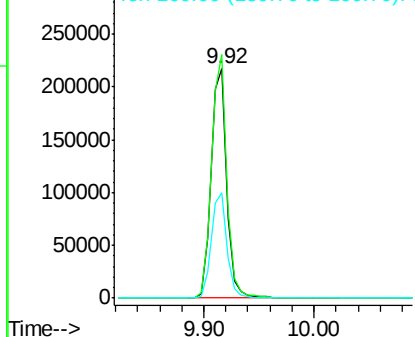


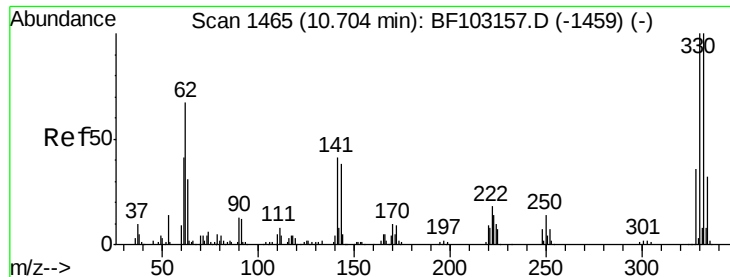
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Tgt Ion: 164 Resp: 206795
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 46.2 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: 106.855 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampleId :

100MVAR

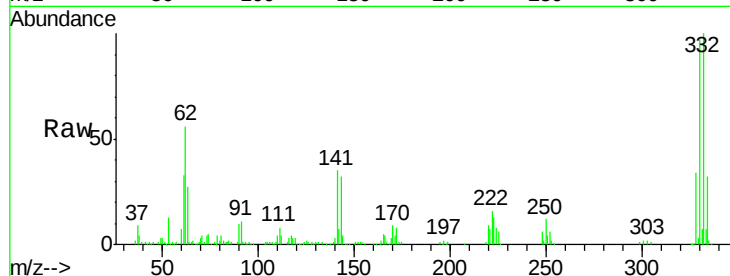
Tot Ion:330 Resp: 187039

Ion Ratio Lower Upper

330 100

332 102.6 77.0 115.6

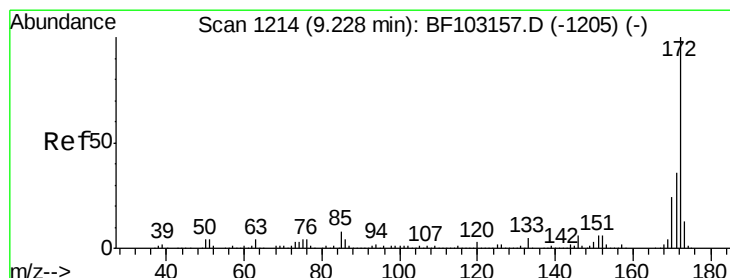
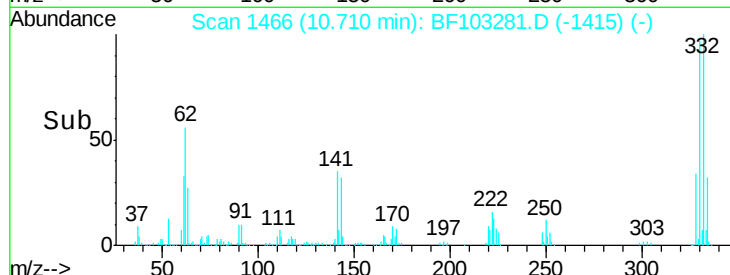
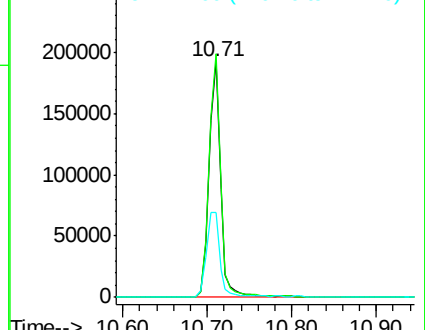
141 41.9 29.9 44.9



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: 107.624 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

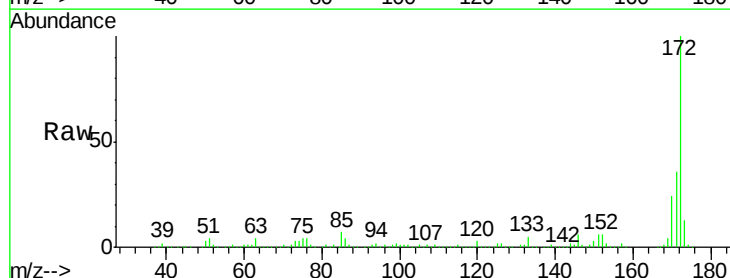
Tgt Ion:172 Resp: 1213360

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

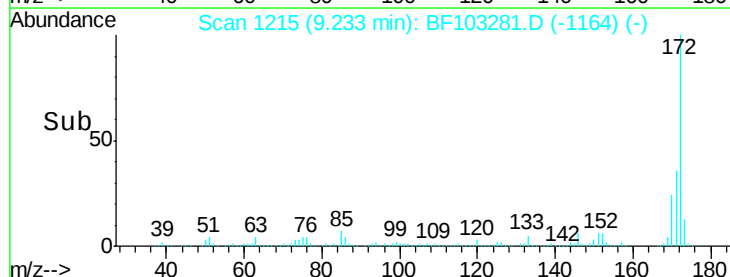
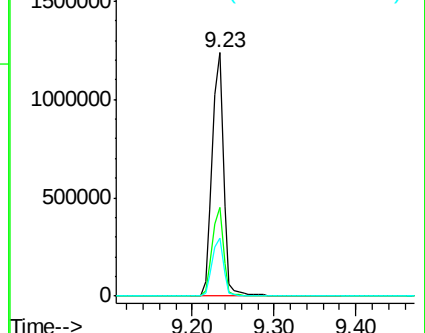
170 23.9 19.6 29.4

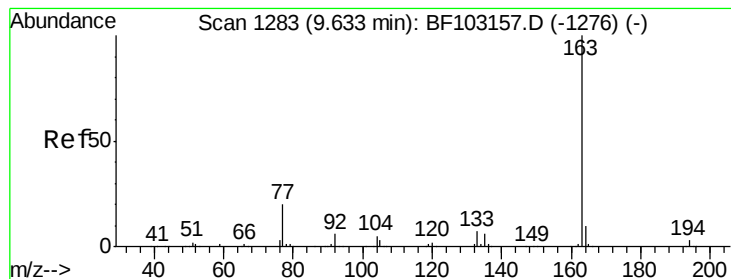


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.035 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampleId :

100MVAR

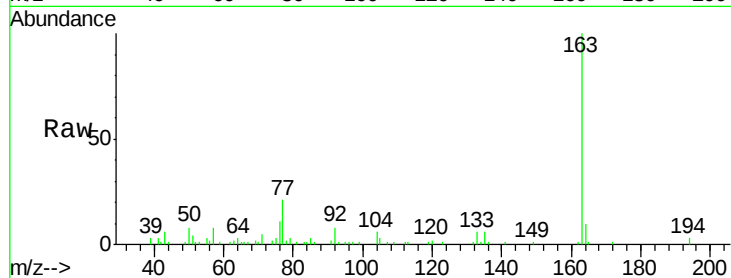
Tot Ion:163 Resp: 50341

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

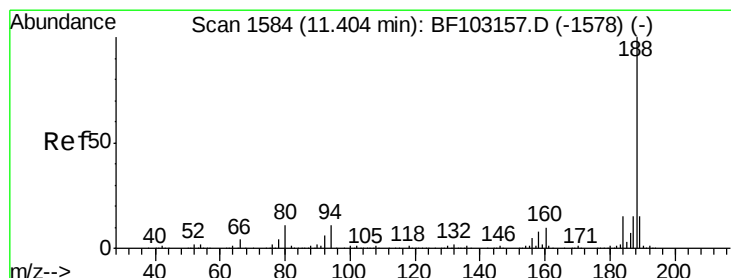
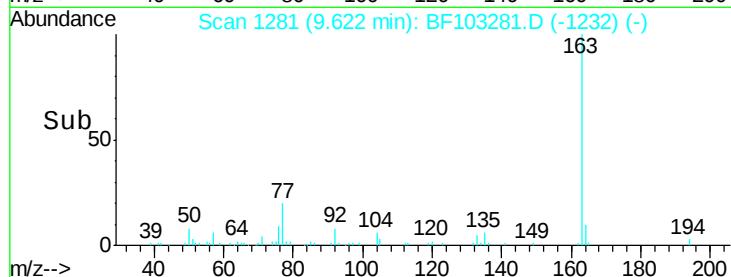
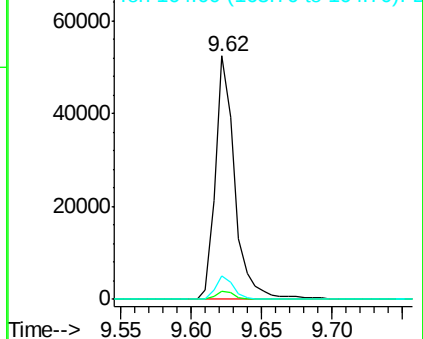
164 9.7 8.2 12.2



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: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

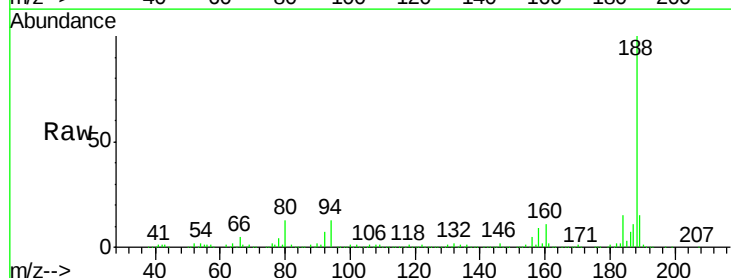
Tgt Ion:188 Resp: 301312

Ion Ratio Lower Upper

188 100

94 13.0 8.5 12.7#

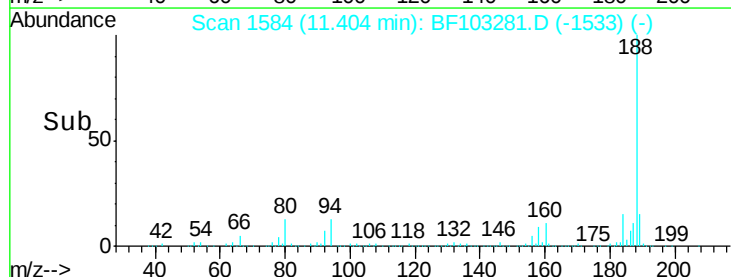
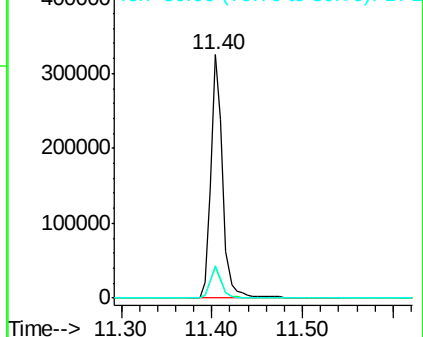
80 13.4 9.2 13.8

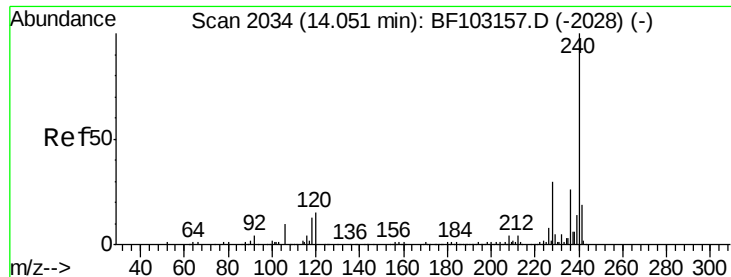


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampleId :

100MVAR

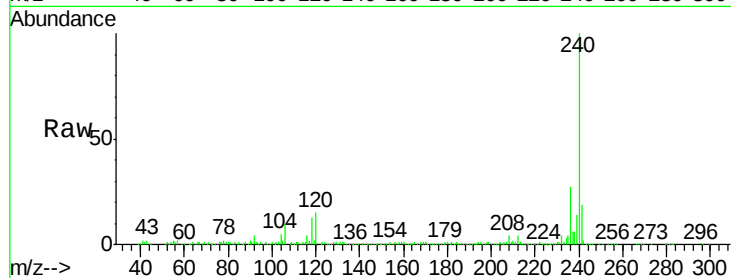
Tot Ion:240 Resp: 247446

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

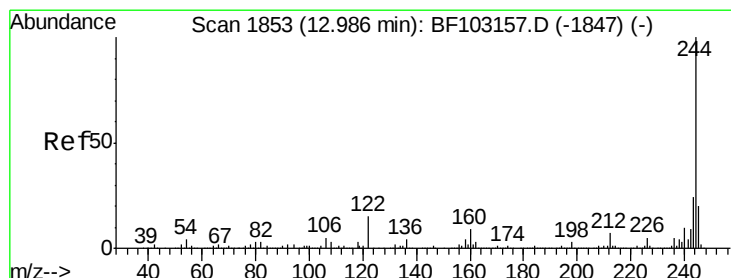
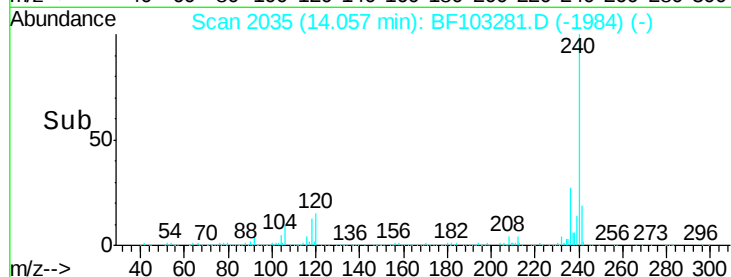
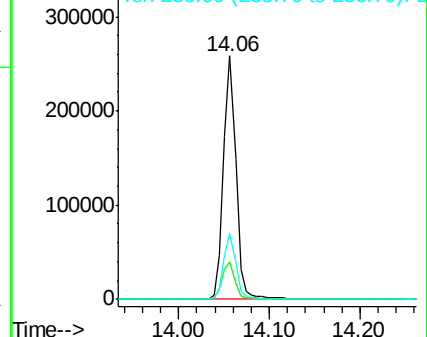
236 27.2 20.7 31.1



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: 87.398 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

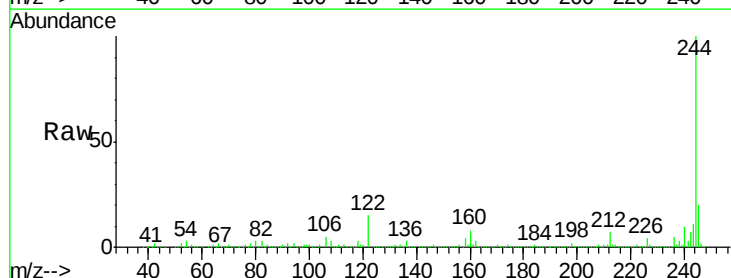
Tgt Ion:244 Resp: 899641

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

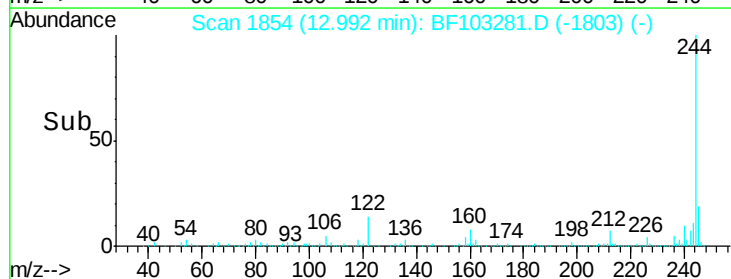
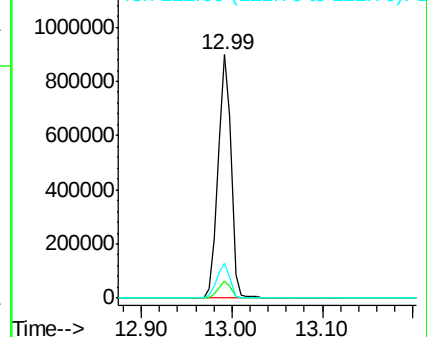
122 14.5 11.0 16.4

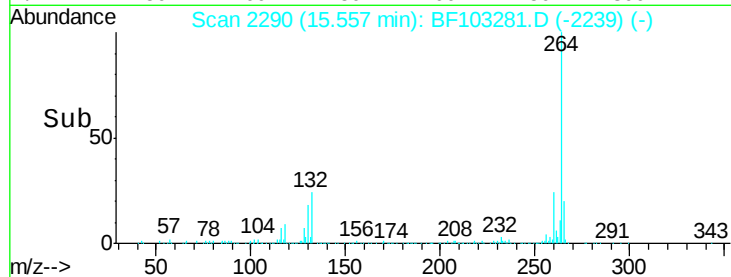
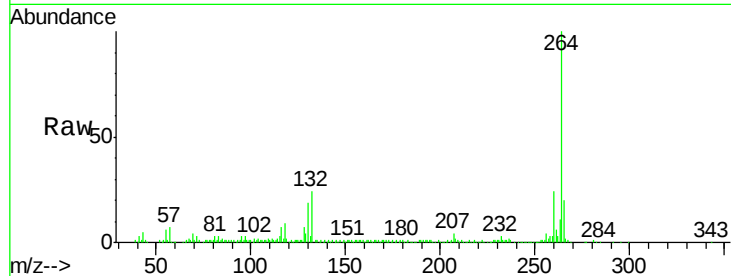
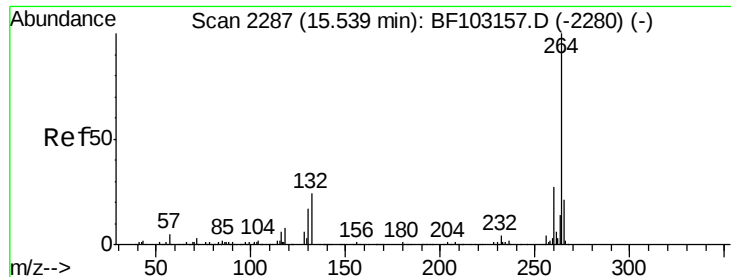


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Instrument :
BNA_F
ClientSampleId :
100MVAR

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.1	17.5	26.3

