

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103143.D
 Acq On : 21 Feb 2018 18:18
 Operator : SJ/JU
 Sample : J1623-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-6

Quant Time: Feb 22 01:08:42 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

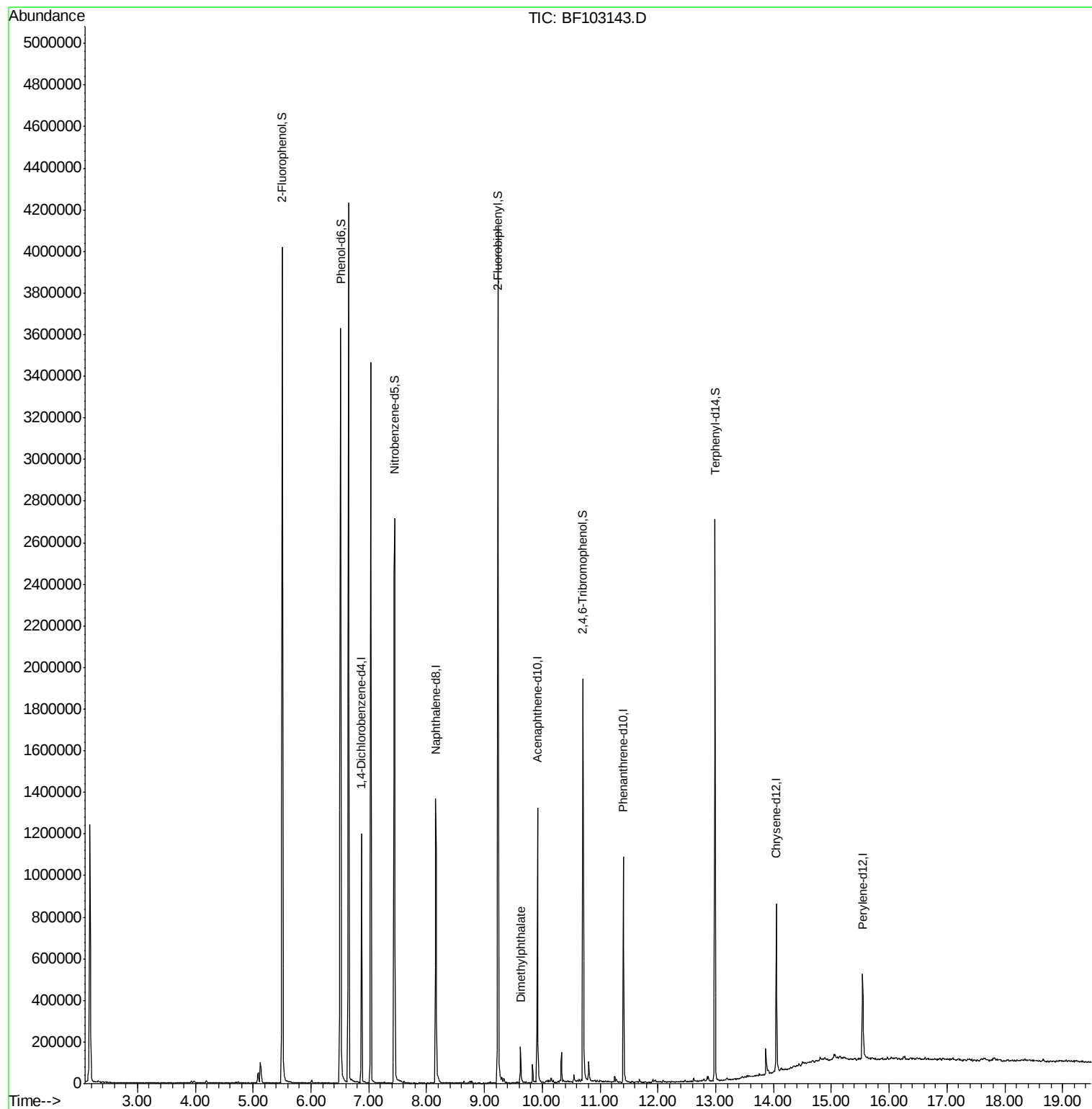
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161054	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664569	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272595	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	386183	20.00	ng	0.00
75) Chrysene-d12	14.05	240	284419	20.00	ng	0.00
86) Perylene-d12	15.54	264	217926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1282090	120.90	ng	0.01
7) Phenol-d6	6.52	99	1523222	119.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	980679	102.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	250617	114.22	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1373342	83.60	ng	0.00
78) Terphenyl-d14	12.99	244	924368	76.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	76759	3.611	ng	99

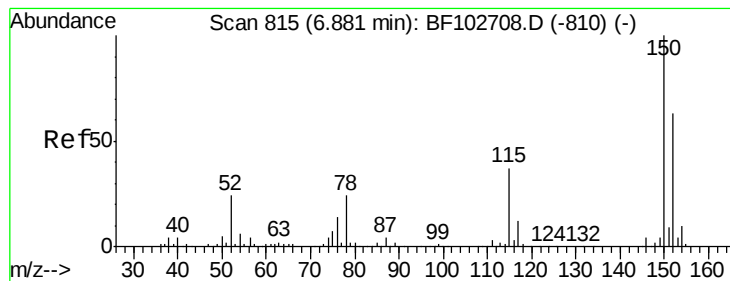
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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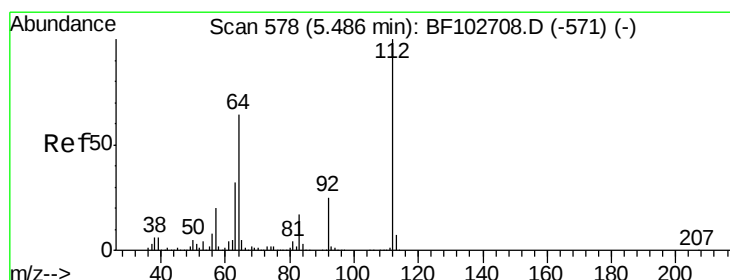
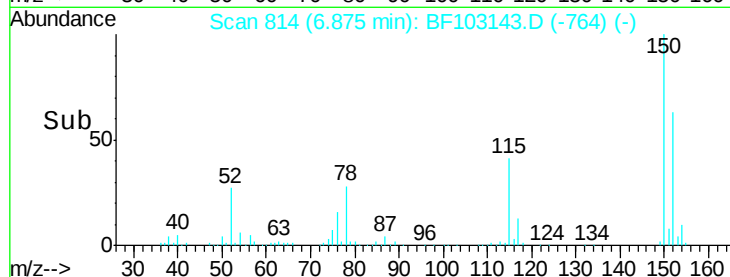
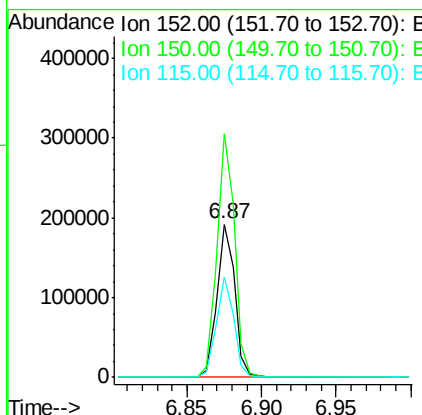
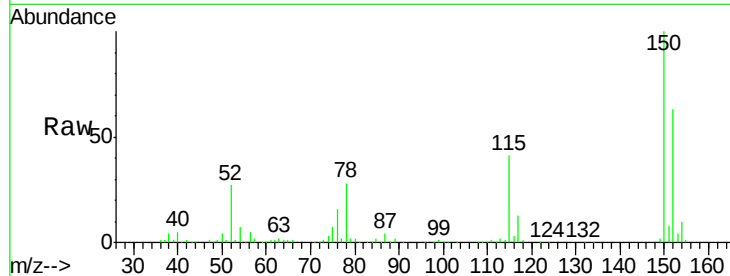


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TP-5-6

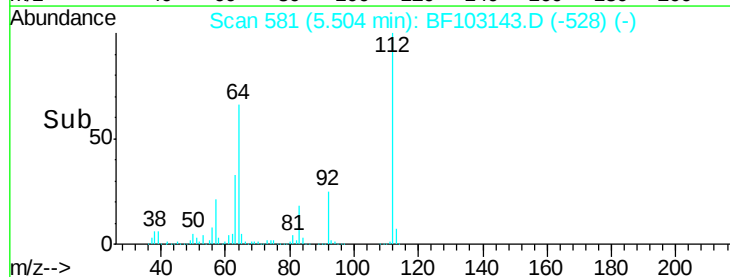
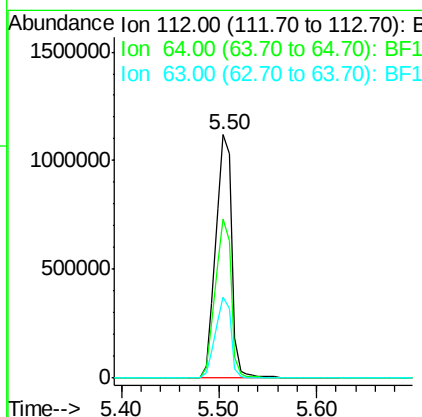
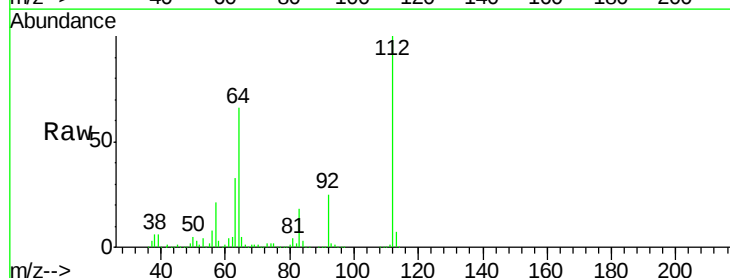
Tot Ion:152 Resp: 161054
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.2 50.1 75.1



#5

2-Fluorophenol
Concen: 120.895 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:112 Resp: 1282090
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 119.290 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TP-5-6

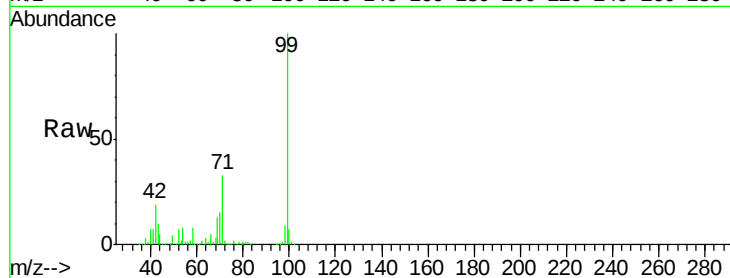
Tot Ion: 99 Resp: 1523222

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

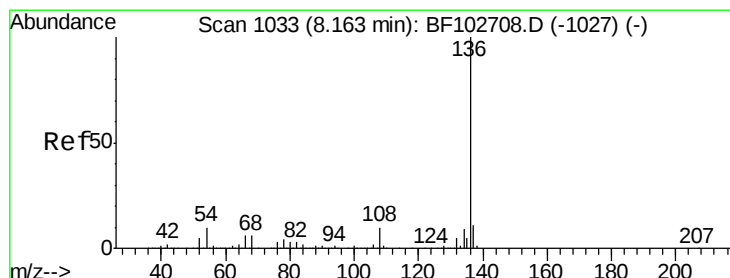
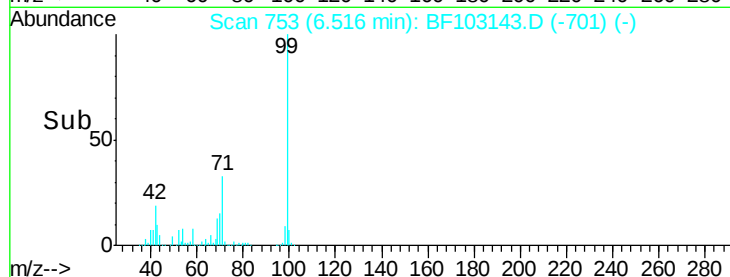
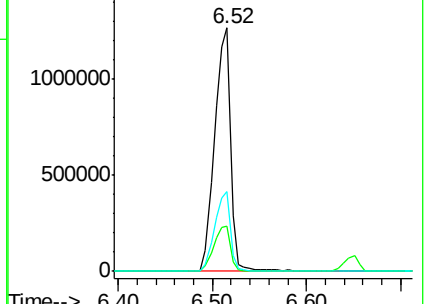
71 32.7 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

Tgt Ion: 136 Resp: 664569

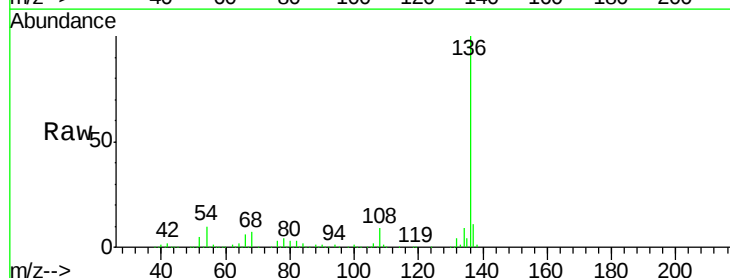
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.9 6.6 9.8#

68 6.6 5.0 7.4

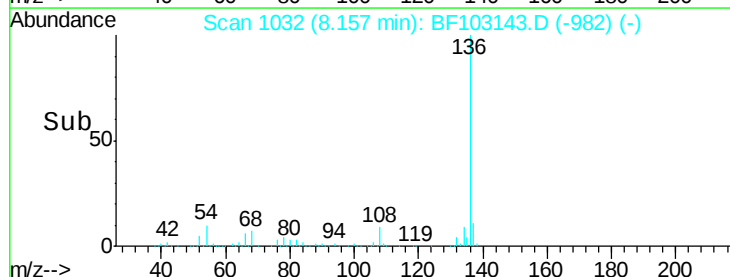
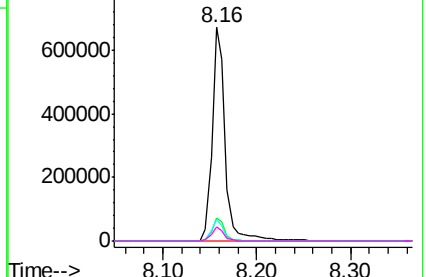


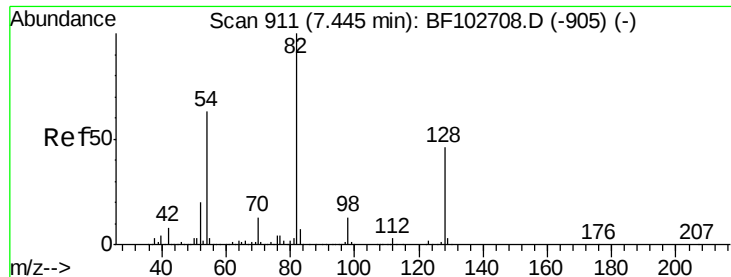
Abundance Ion 136.00 (135.70 to 136.70): E

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

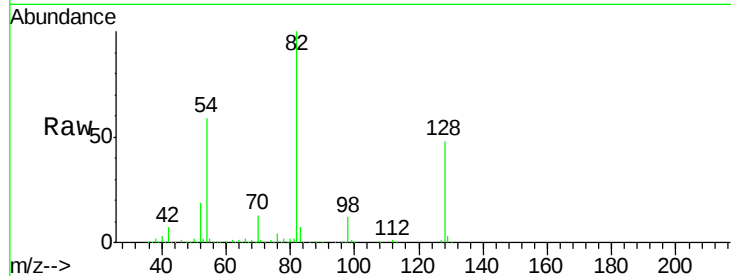




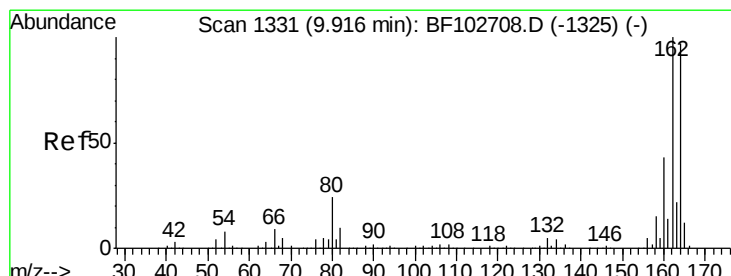
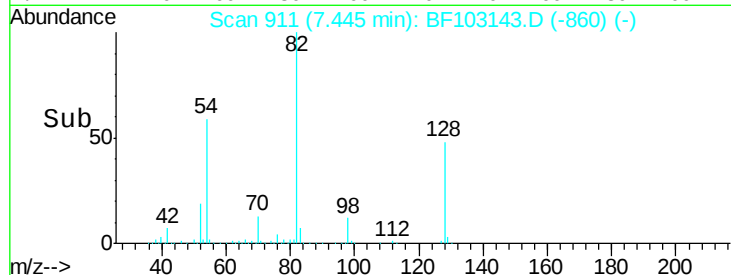
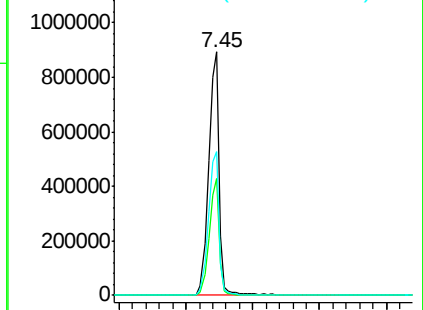
#23
 Nitrobenzene-d5
 Concen: 102.368 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103143.D
 Acq: 21 Feb 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-6

Tot Ion: 82 Resp: 980679
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 58.9 41.4 62.2

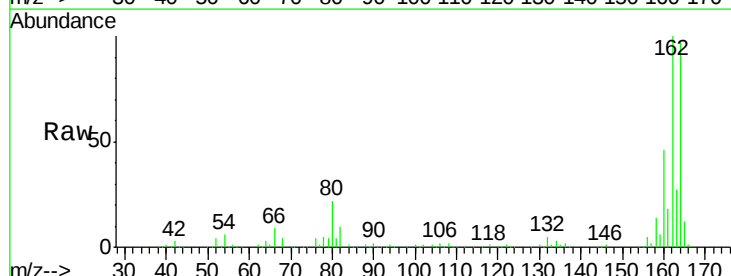


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

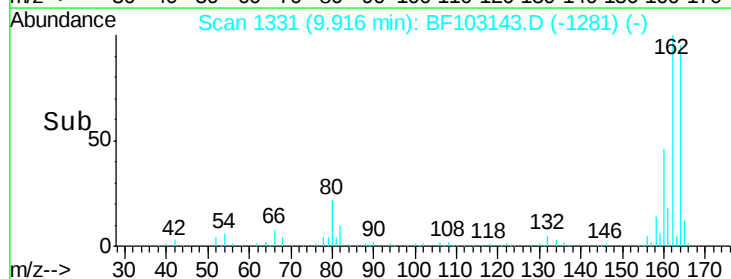
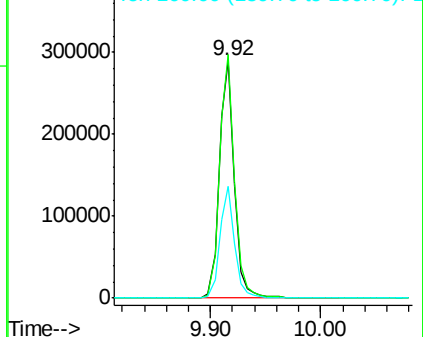


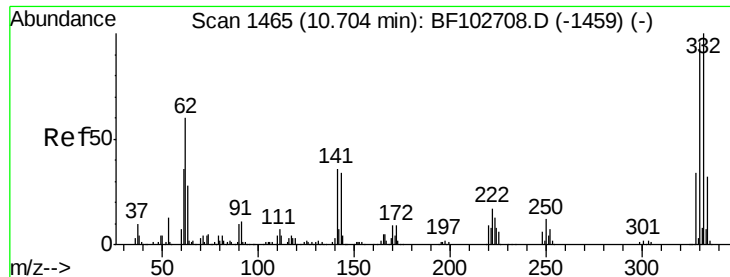
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103143.D
 Acq: 21 Feb 2018 18:18

Tgt Ion: 164 Resp: 272595
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 46.9 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: 114.225 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TP-5-6

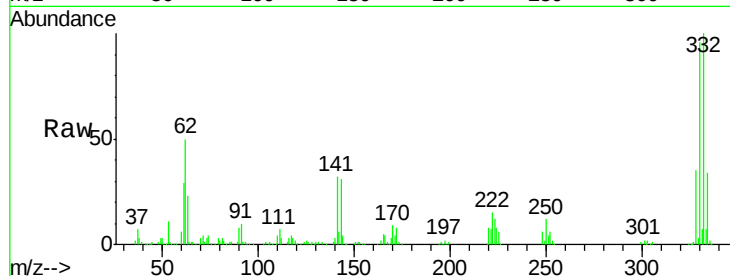
Tot Ion:330 Resp: 250617

Ion Ratio Lower Upper

330 100

332 101.0 77.0 115.6

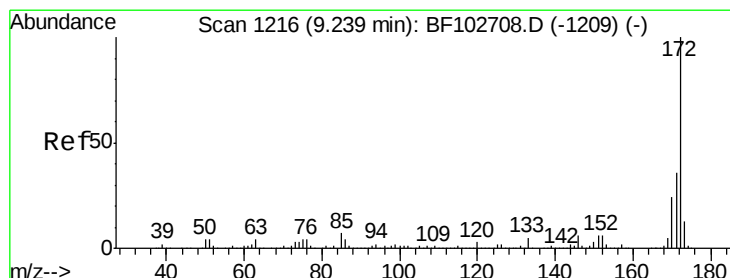
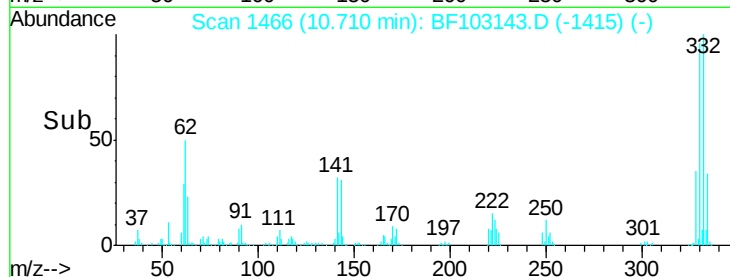
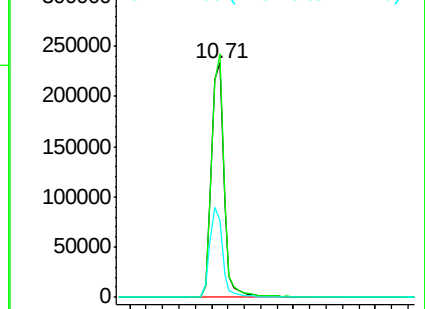
141 39.0 29.9 44.9



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: 83.599 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

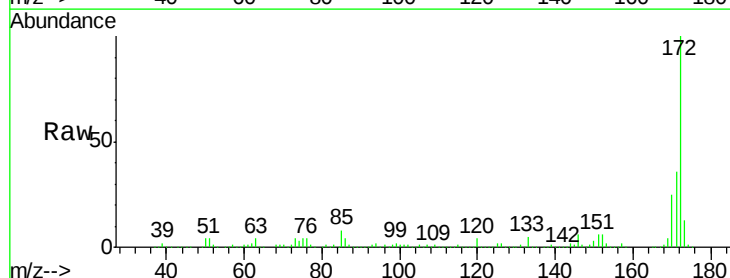
Tgt Ion:172 Resp: 1373342

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

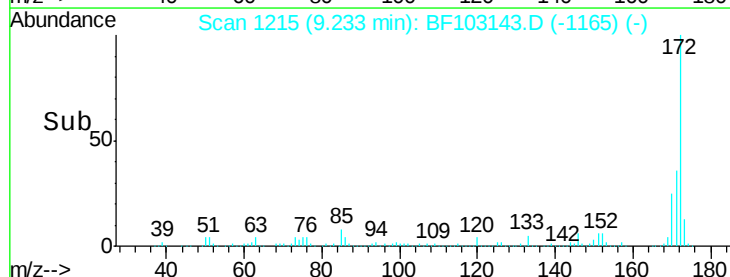
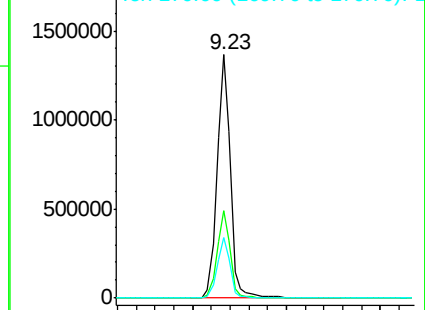
170 24.6 19.6 29.4

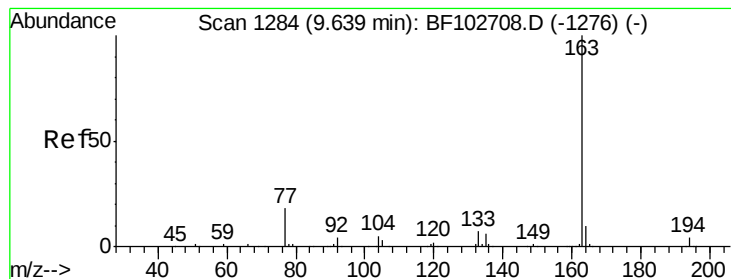


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.611 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TP-5-6

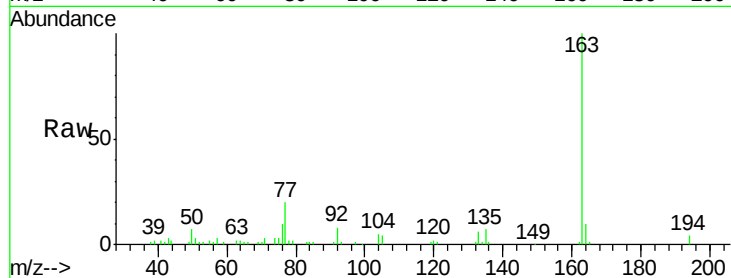
Tot Ion:163 Resp: 76759

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

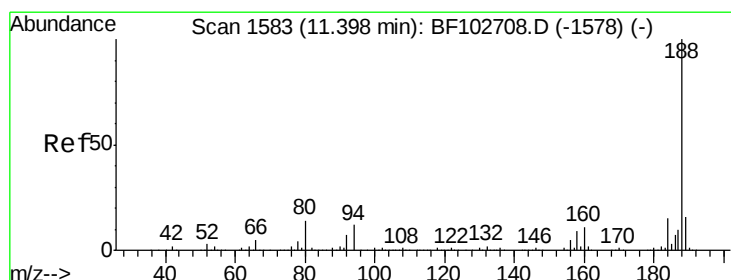
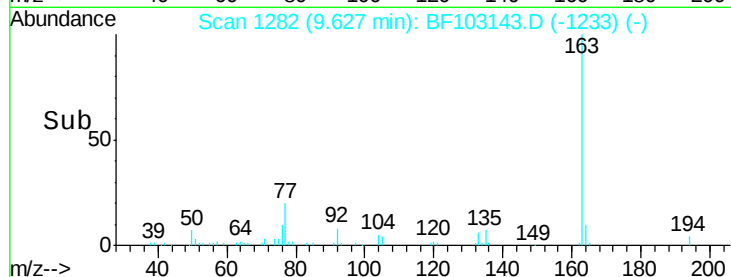
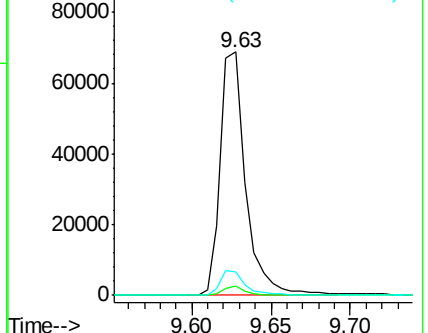
164 9.8 8.2 12.2



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. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

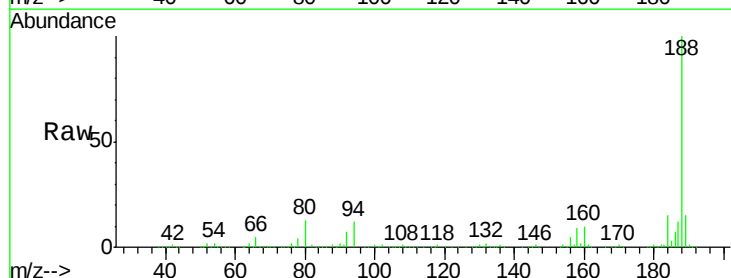
Tgt Ion:188 Resp: 386183

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

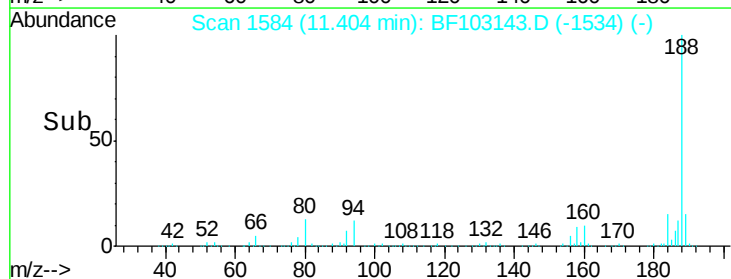
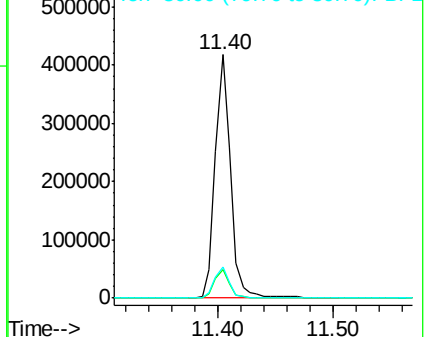
80 12.9 9.2 13.8

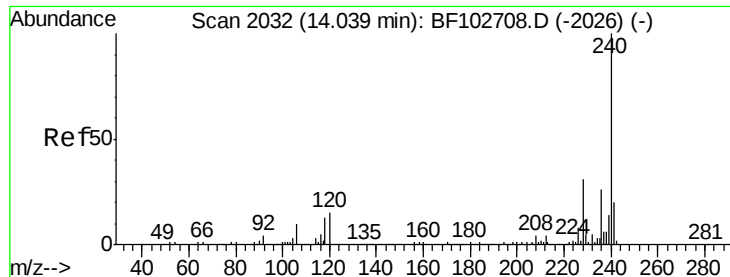


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

Instrument :

BNA_F

ClientSampleId :

TP-5-6

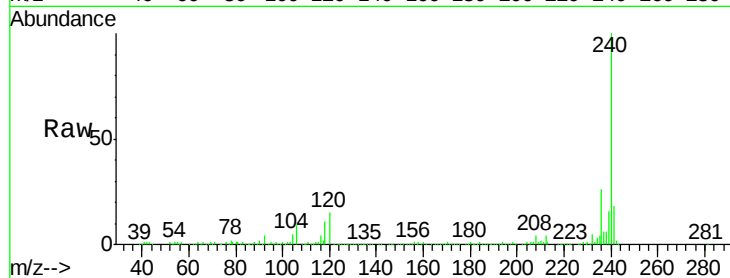
Tot Ion:240 Resp: 284419

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

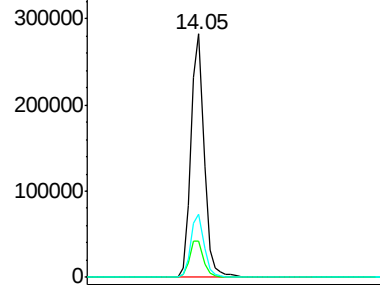
236 26.0 20.7 31.1



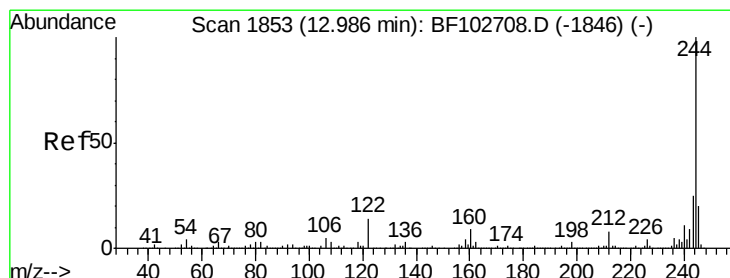
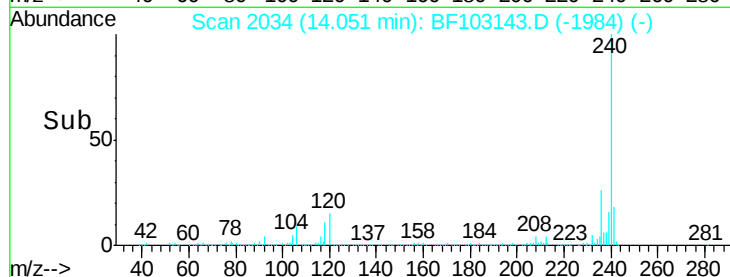
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 76.953 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103143.D

Acq: 21 Feb 2018 18:18

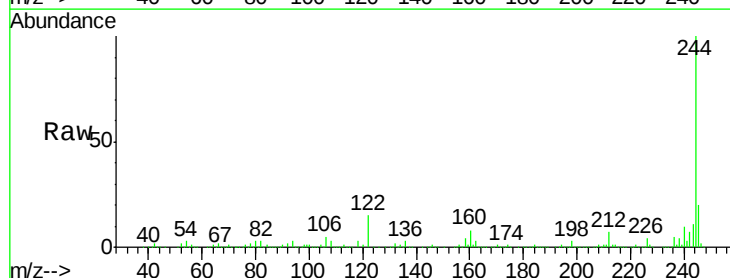
Tgt Ion:244 Resp: 924368

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

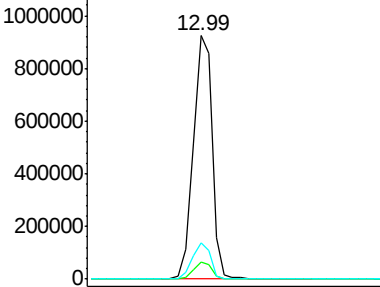
122 15.0 11.0 16.4



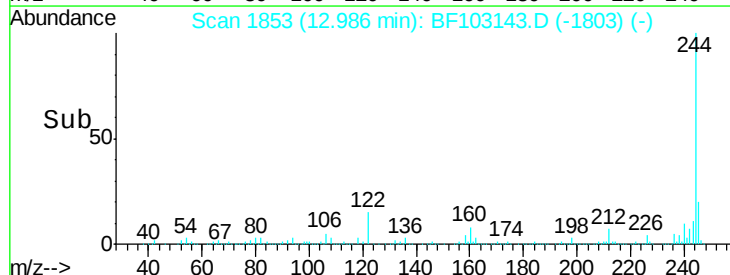
Abundance Ion 244.00 (243.70 to 244.70): E

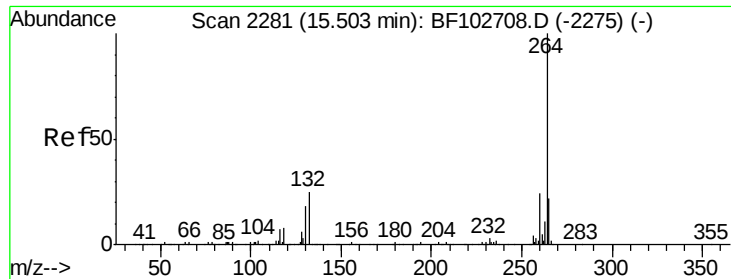
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

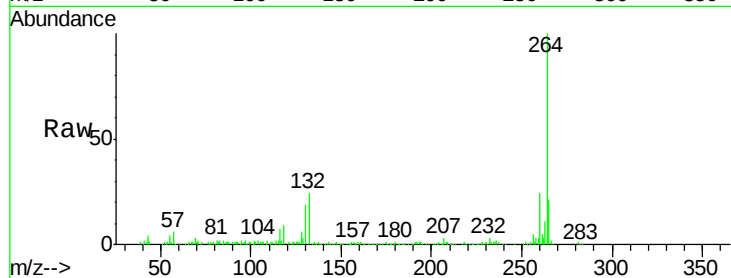




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TP-5-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

