

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102716.D
 Acq On : 3 Feb 2018 14:54
 Operator : SJ/JU
 Sample : PB106243BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BL

Quant Time: Feb 05 01:40:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186357	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	785174	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	364443	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	666421	20.00	ng	0.00
75) Chrysene-d12	14.03	240	587726	20.00	ng	0.00
86) Perylene-d12	15.50	264	494802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1471328	119.90	ng	0.01
7) Phenol-d6	6.50	99	1720915	116.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	1080003	95.42	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	394237	134.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1879611	85.58	ng	0.00
78) Terphenyl-d14	12.99	244	1880137	75.75	ng	0.00

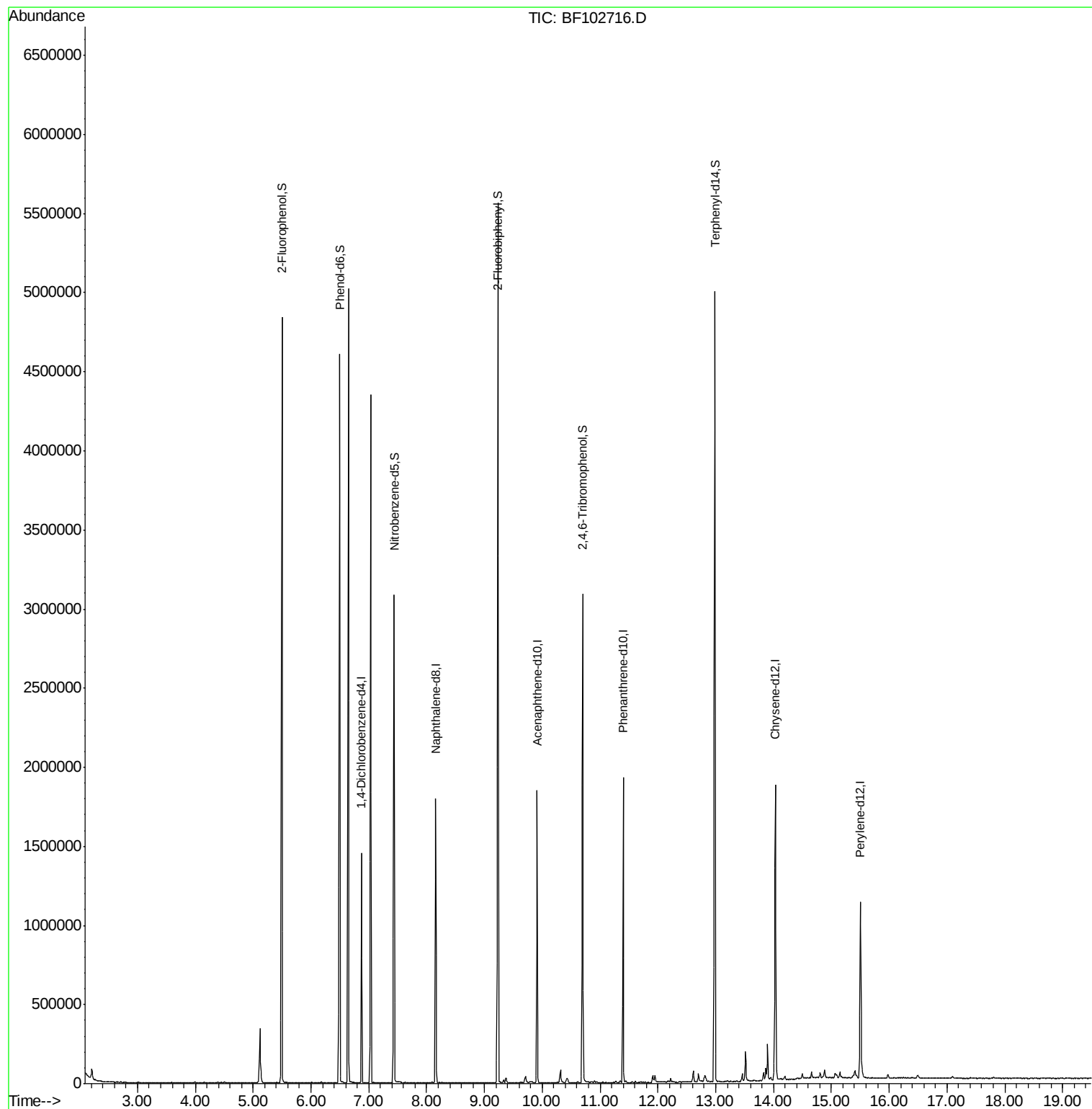
Target Compounds Qvalue

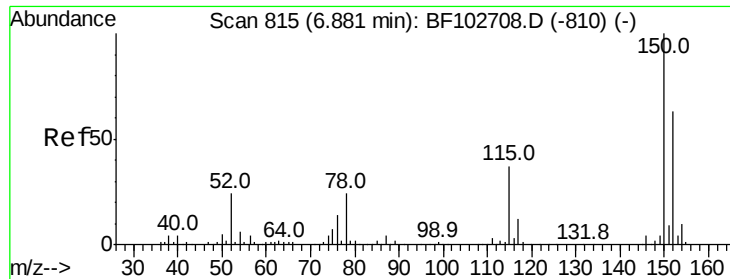
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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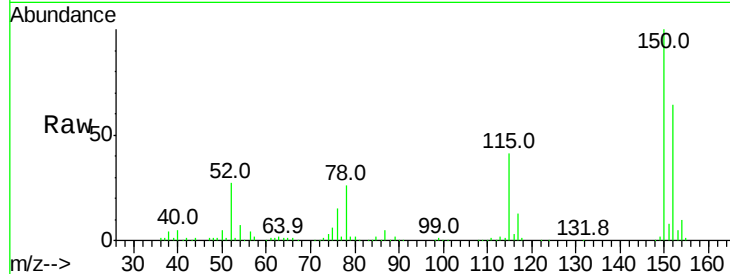


#1

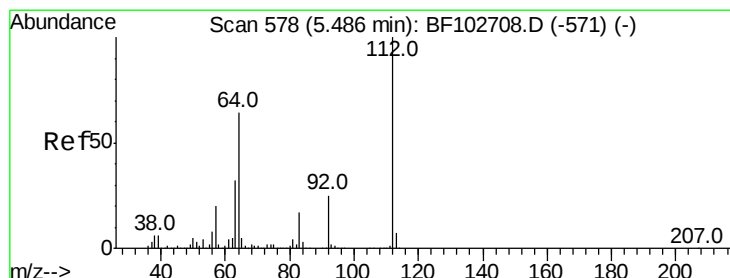
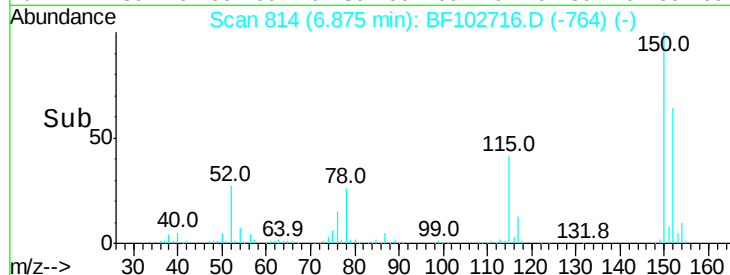
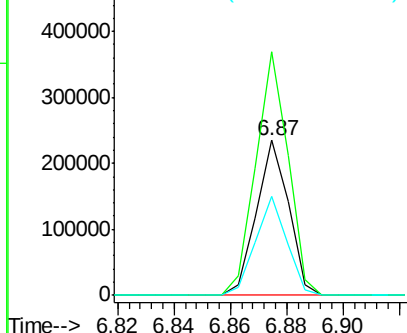
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB106243BL

Tot Ion:152 Resp: 186357
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 64.2 50.1 75.1



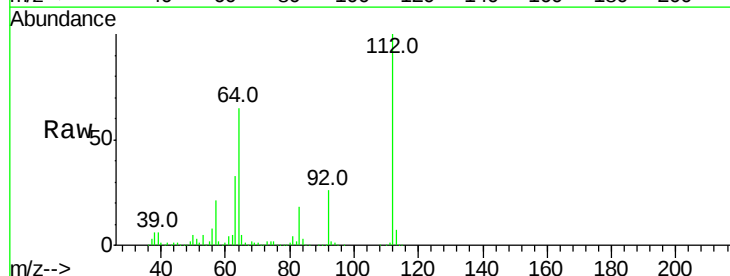
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



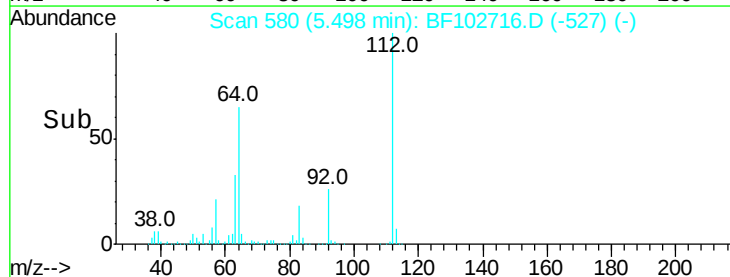
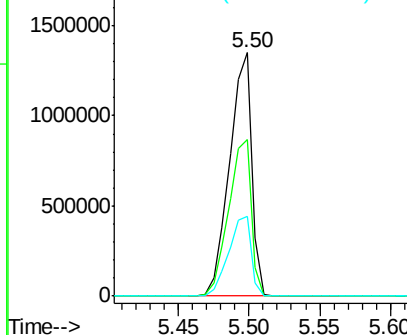
#5

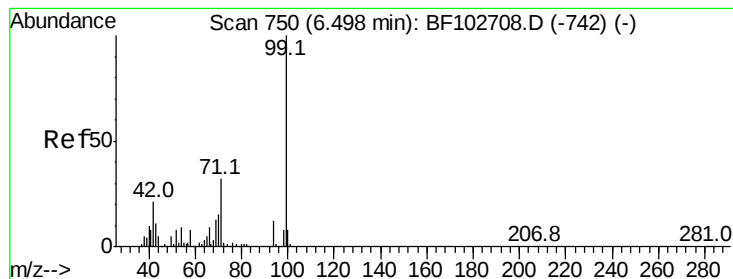
2-Fluorophenol
Concen: 119.902 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:112 Resp: 1471328
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.7 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: 116.473 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB106243BL

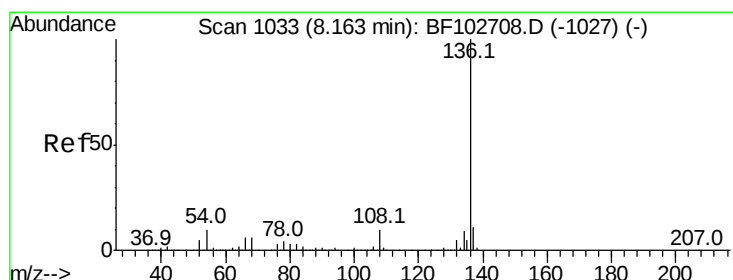
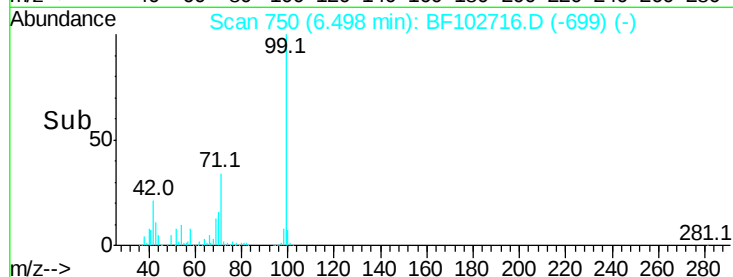
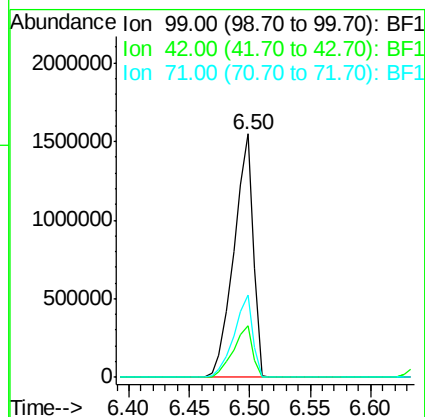
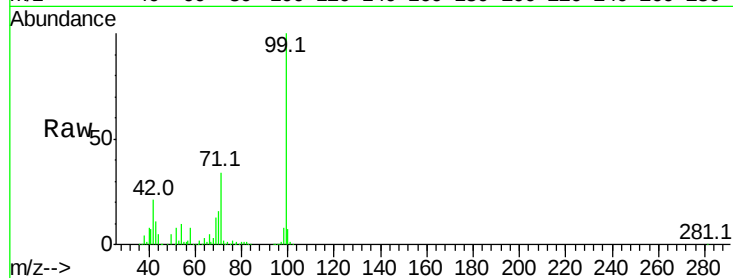
Tot Ion: 99 Resp: 1720915

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Tgt Ion: 136 Resp: 785174

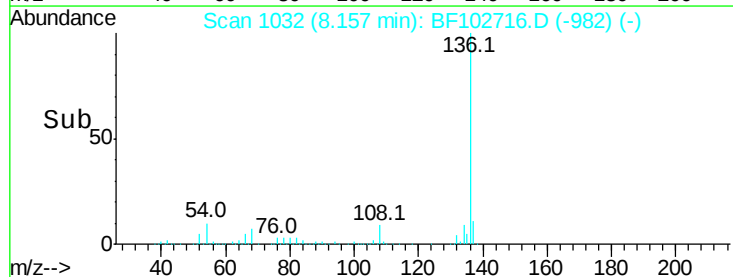
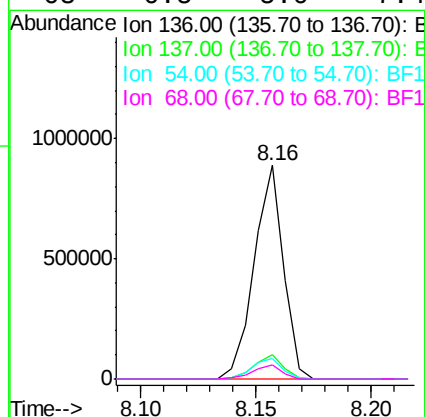
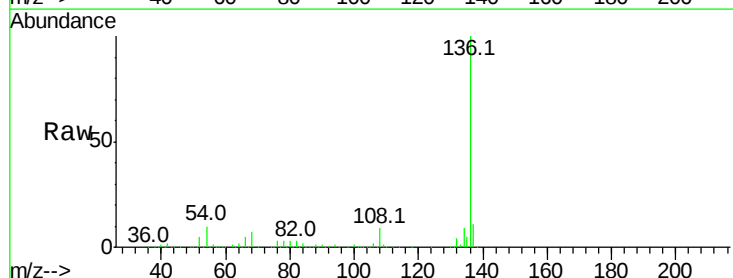
Ion Ratio Lower Upper

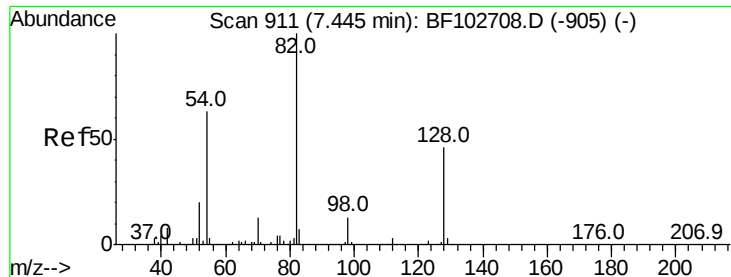
136 100

137 11.2 8.9 13.3

54 9.8 6.6 9.8#

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.419 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB106243BL

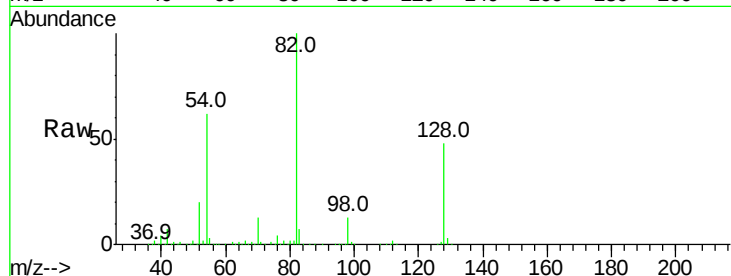
Tot Ion: 82 Resp: 1080003

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

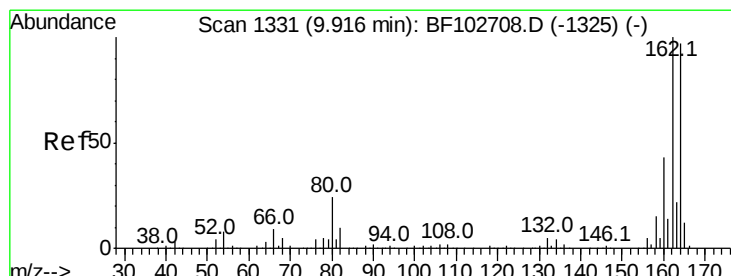
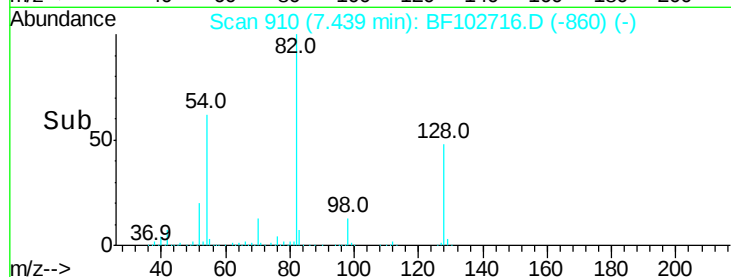
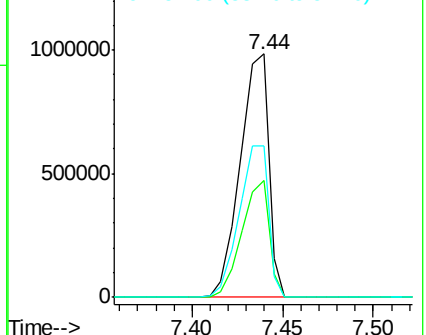
54 62.1 41.4 62.2



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

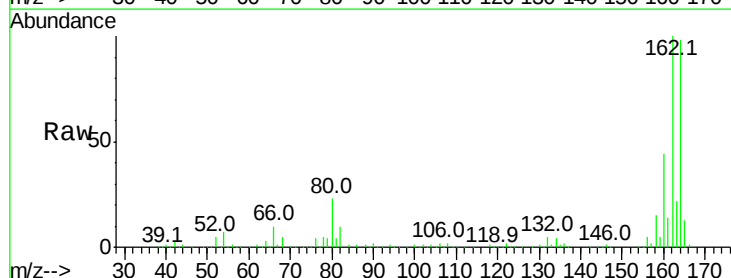
Tgt Ion:164 Resp: 364443

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

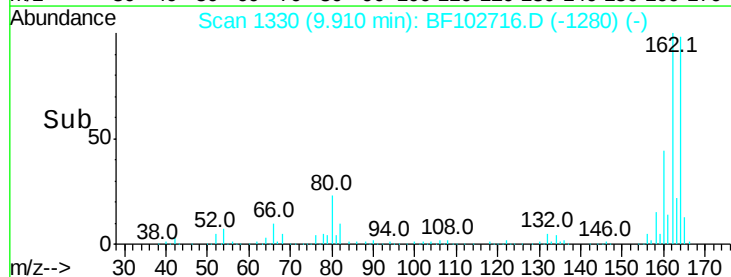
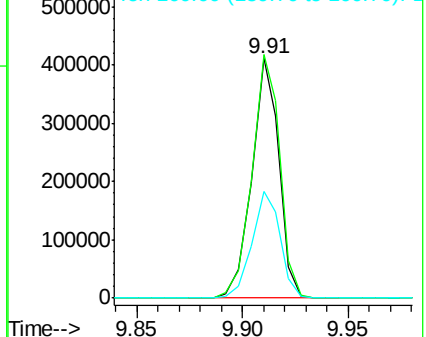
160 44.7 38.3 57.5

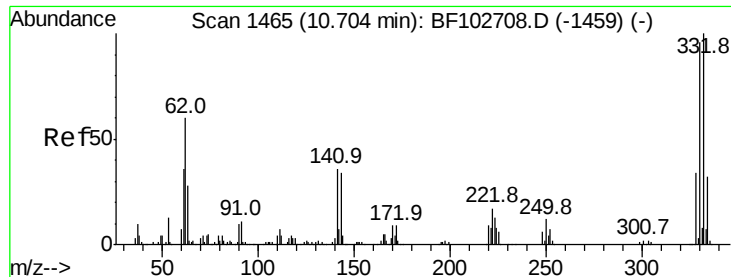


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

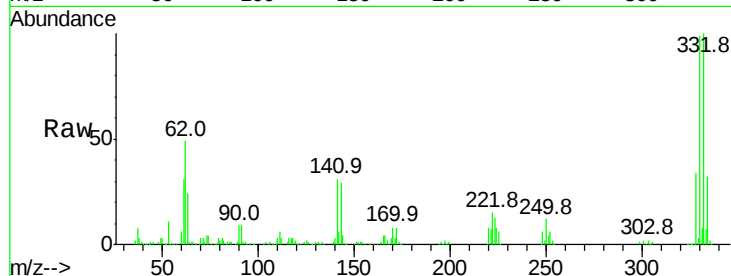




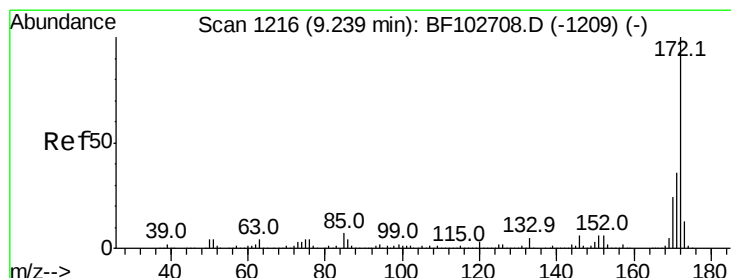
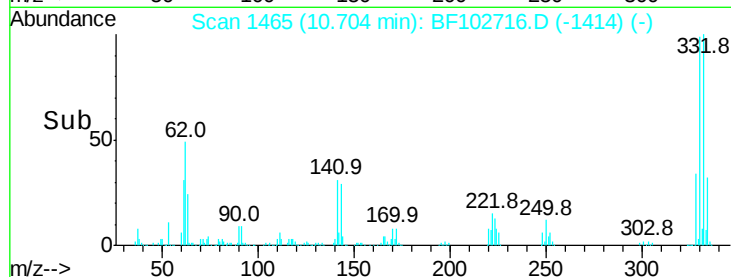
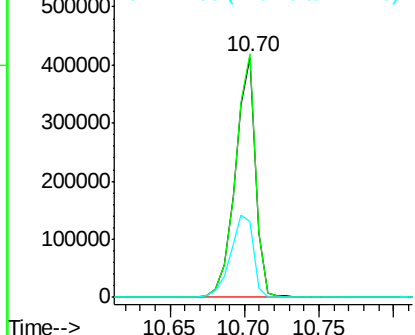
#41
 2,4,6-Tribromophenol
 Concen: 134.399 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

Instrument :
 BNA_F
 ClientSampled :
 PB106243BL

Tot Ion:330 Resp: 394237
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 38.9 29.9 44.9

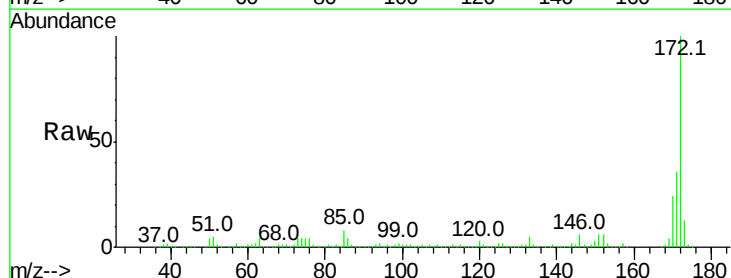


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

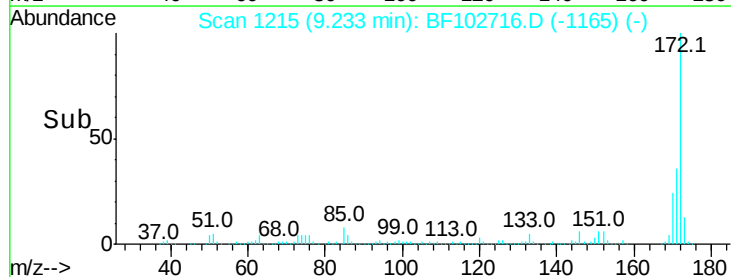
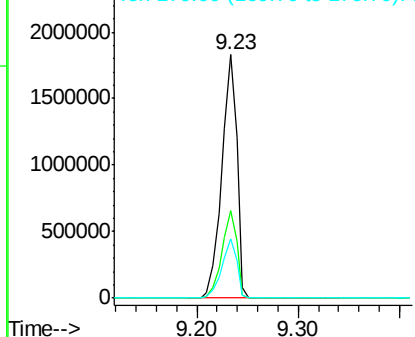


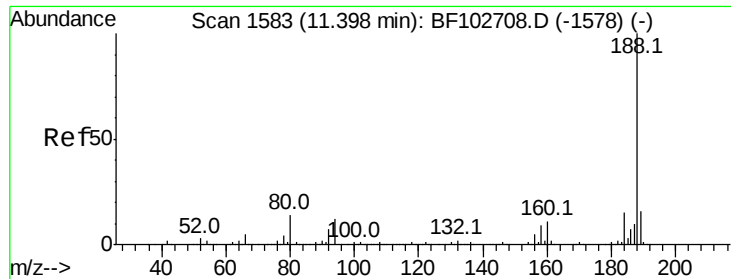
#44
 2-Fluorobiphenyl
 Concen: 85.581 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

Tgt Ion:172 Resp: 1879611
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.3 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: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB106243BL

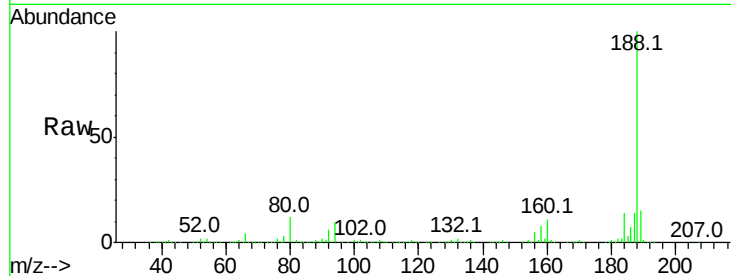
Tot Ion:188 Resp: 666421

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

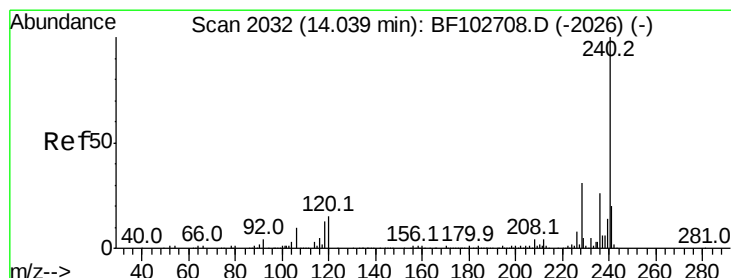
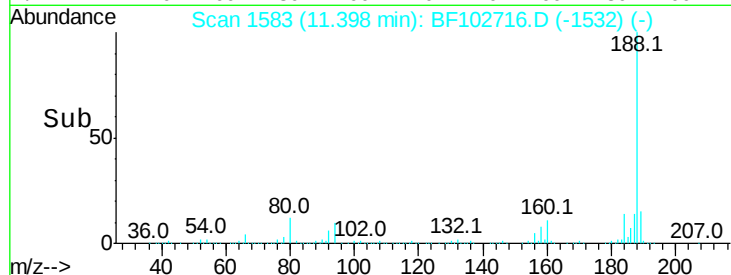
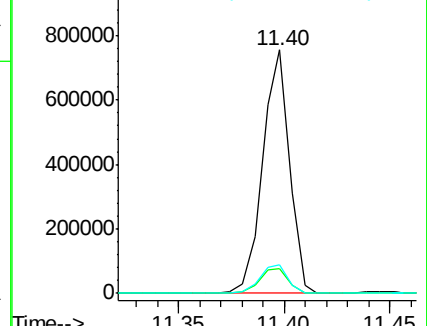
80 11.6 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

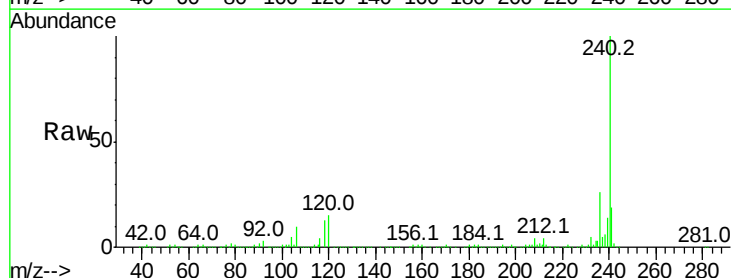
Tgt Ion:240 Resp: 587726

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

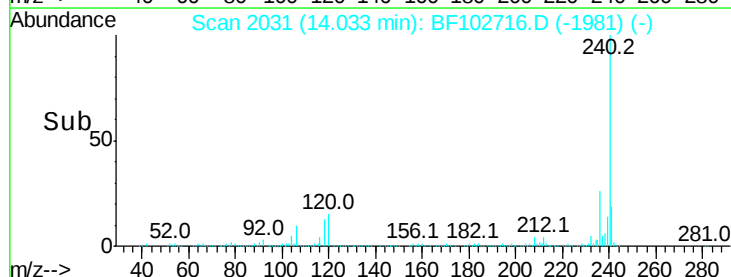
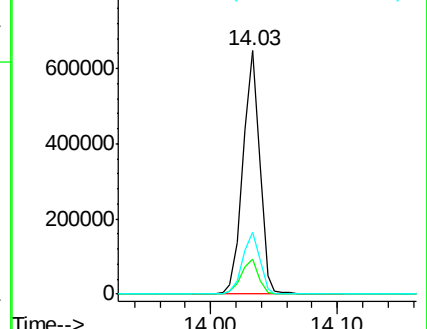
236 25.7 20.7 31.1

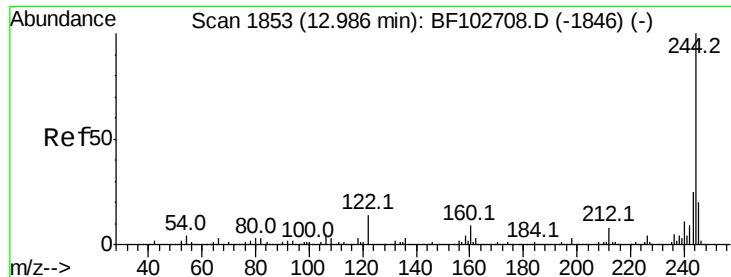


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.745 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB106243BL

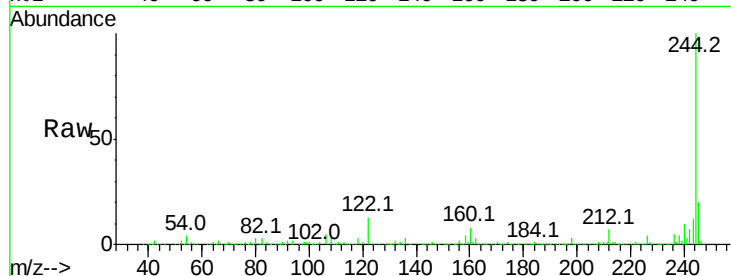
Tot Ion:244 Resp: 1880137

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

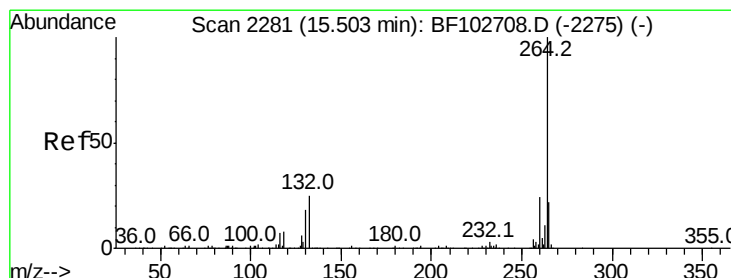
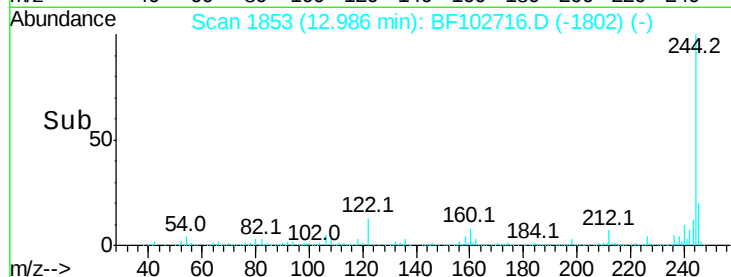
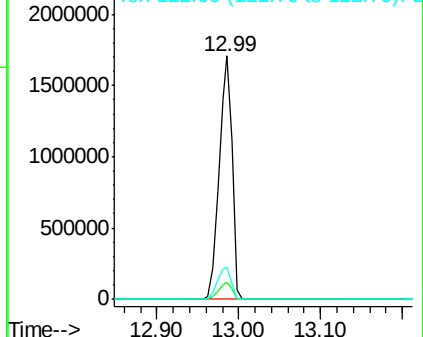
122 13.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

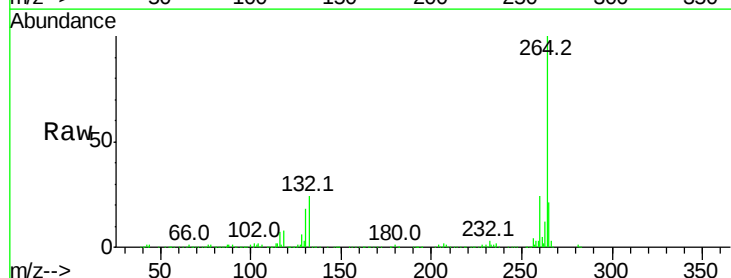
Tgt Ion:264 Resp: 494802

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.2 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

