

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106297.D
 Acq On : 11 Jun 2018 16:28
 Operator : JU/SJ
 Sample : PB110108BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

Quant Time: Jun 12 01:34:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203130	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	765840	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	376293	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	758901	20.00	ng	0.00
75) Chrysene-d12	14.15	240	724447	20.00	ng	-0.01
86) Perylene-d12	15.69	264	559860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1450579	120.86	ng	0.01
7) Phenol-d6	6.59	99	1812616	119.54	ng	0.00
23) Nitrobenzene-d5	7.53	82	1212540	93.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	574448	158.66	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1923320	93.71	ng	0.00
78) Terphenyl-d14	13.09	244	2335905	80.09	ng	0.00

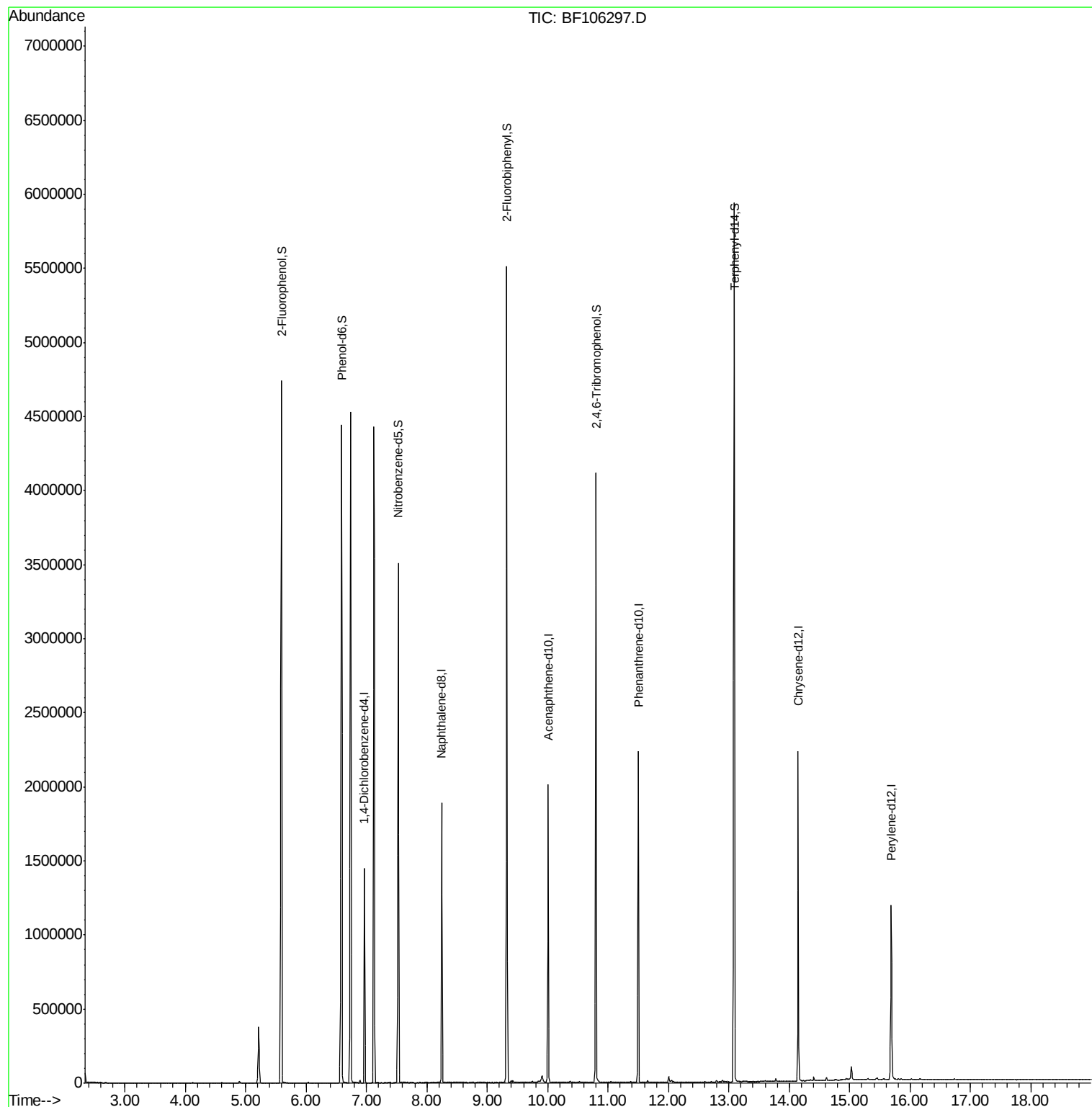
Target Compounds Qvalue

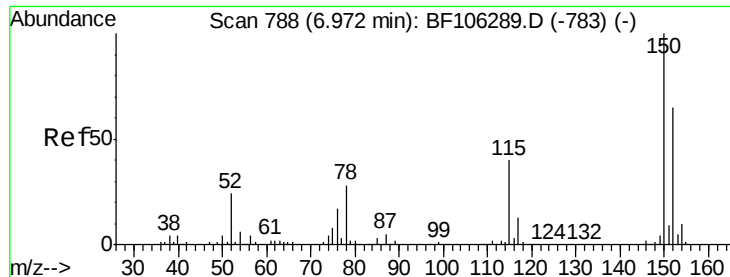
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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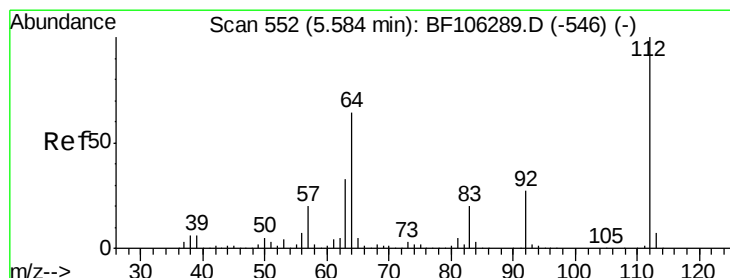
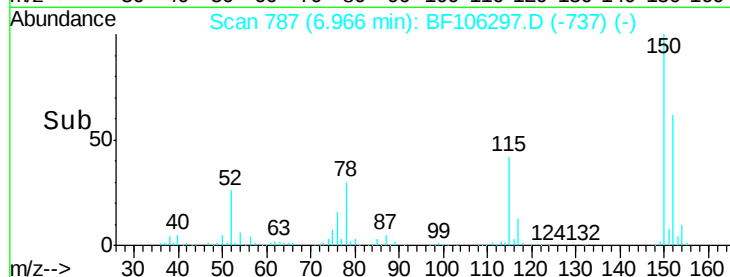
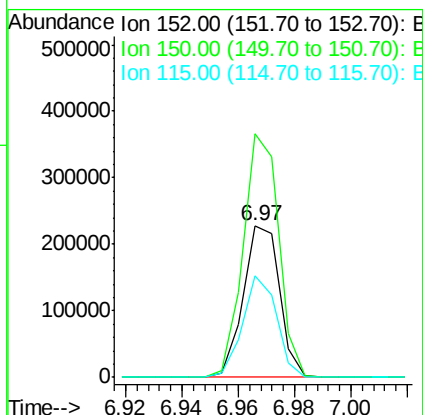
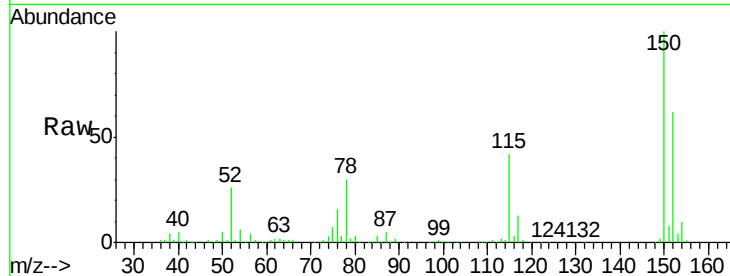


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Instrument :
BNA_F
ClientSampleId :
PB110108BL

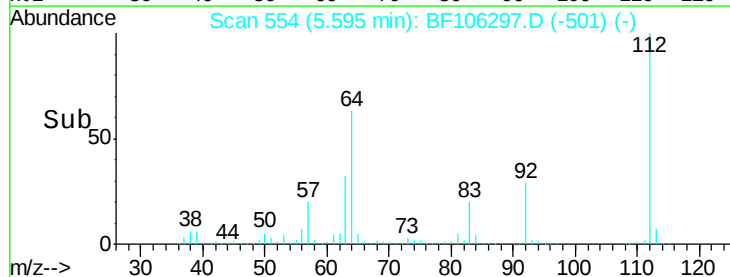
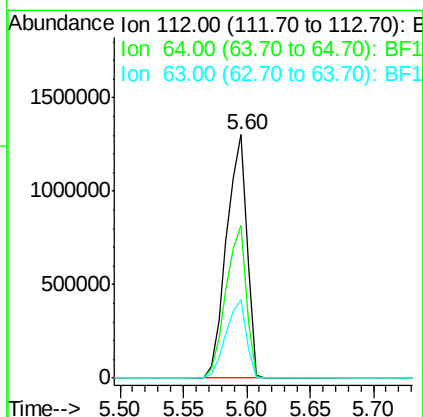
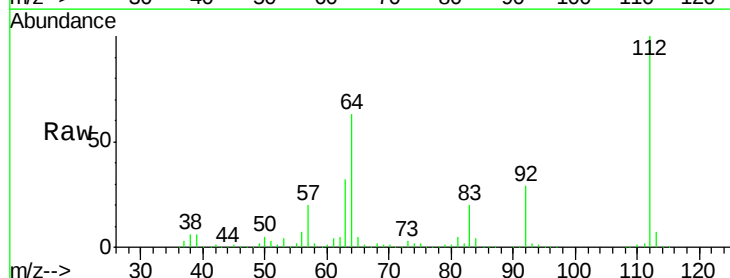
Tot Ion:152 Resp: 203130
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 66.6 50.1 75.1



#5

2-Fluorophenol
Concen: 120.864 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Tgt Ion:112 Resp: 1450579
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 119.541 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

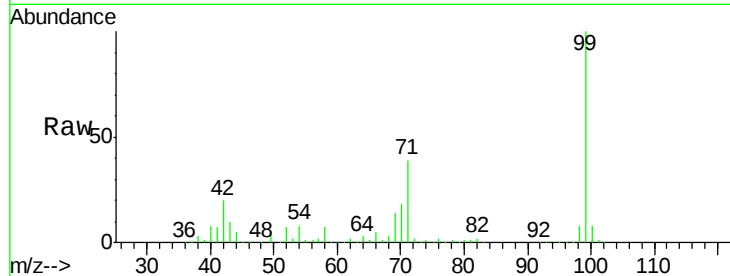
Tot Ion: 99 Resp: 1812616

Ion Ratio Lower Upper

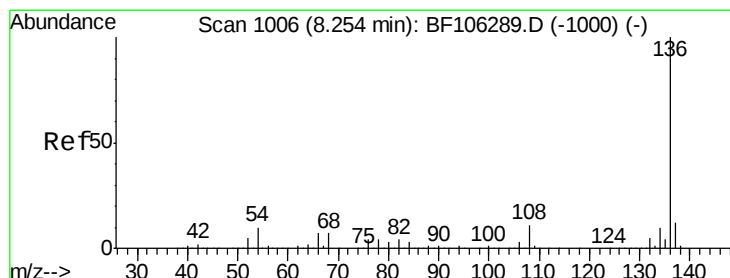
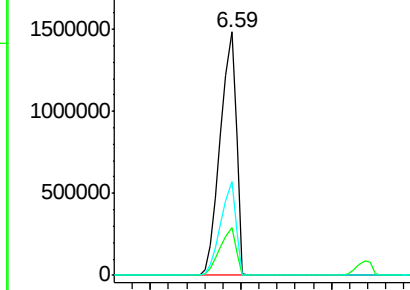
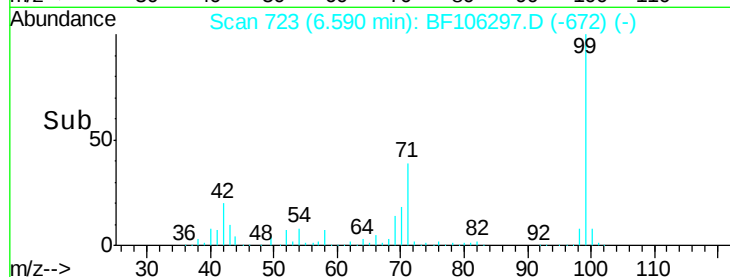
99 100

42 19.6 14.5 21.7

71 38.6 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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Tgt Ion: 136 Resp: 765840

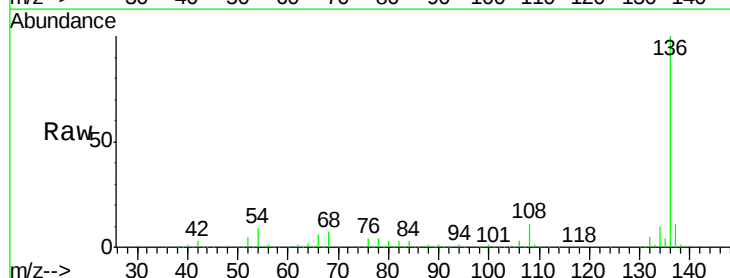
Ion Ratio Lower Upper

136 100

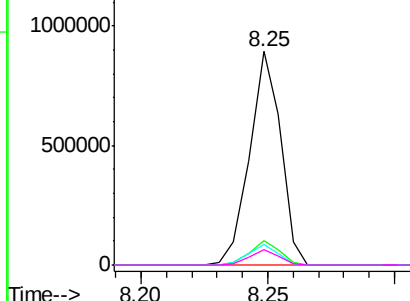
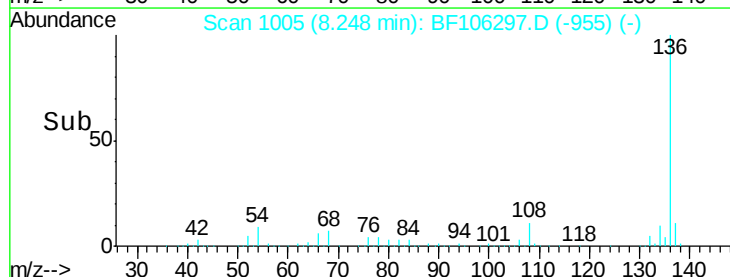
137 11.2 8.9 13.3

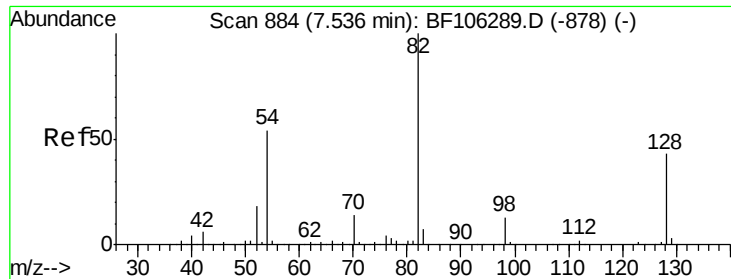
54 9.3 6.6 9.8

68 7.2 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: 93.142 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

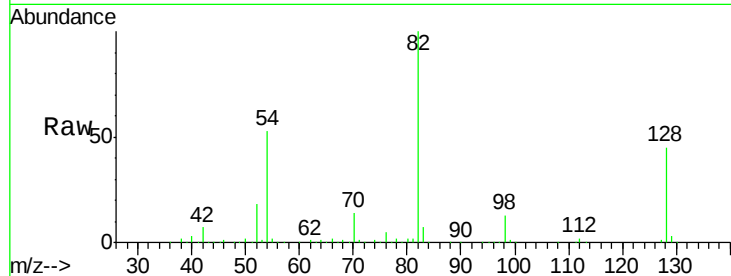
Tot Ion: 82 Resp: 1212540

Ion Ratio Lower Upper

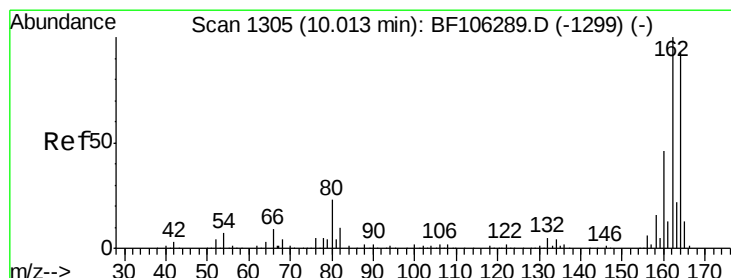
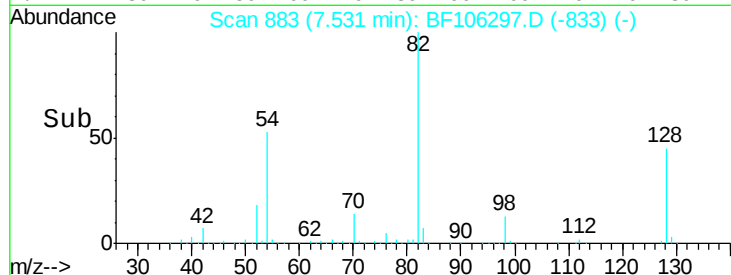
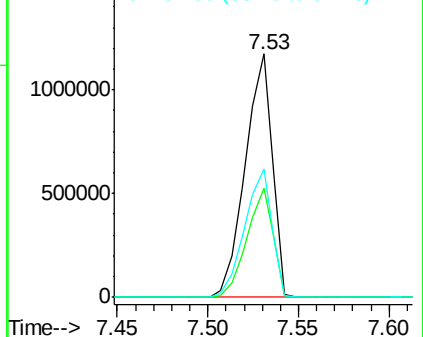
82 100

128 45.1 36.1 54.1

54 52.9 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: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

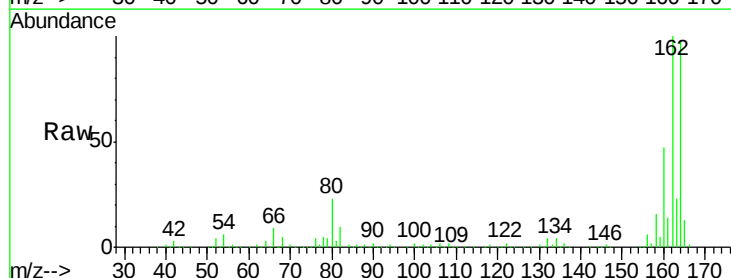
Tgt Ion:164 Resp: 376293

Ion Ratio Lower Upper

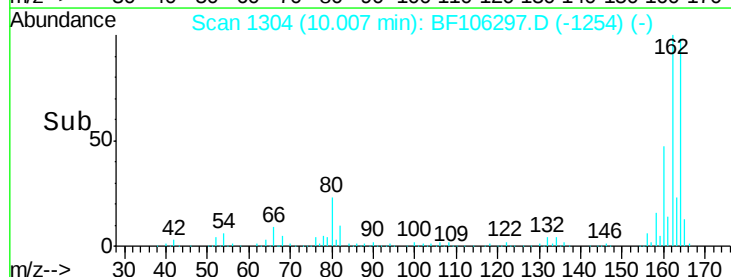
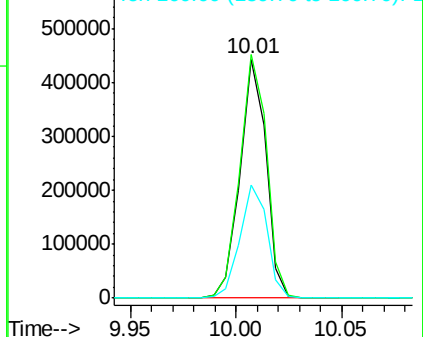
164 100

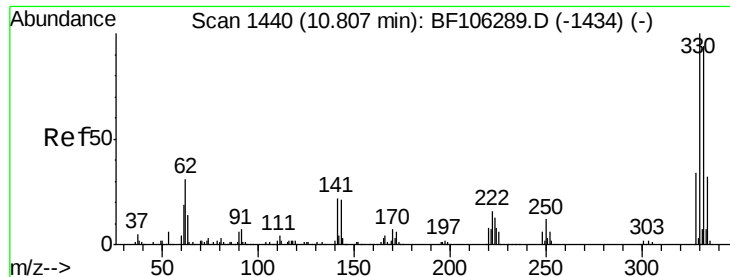
162 102.0 86.1 129.1

160 47.5 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

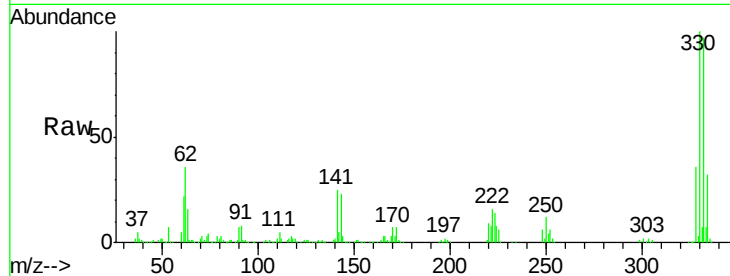




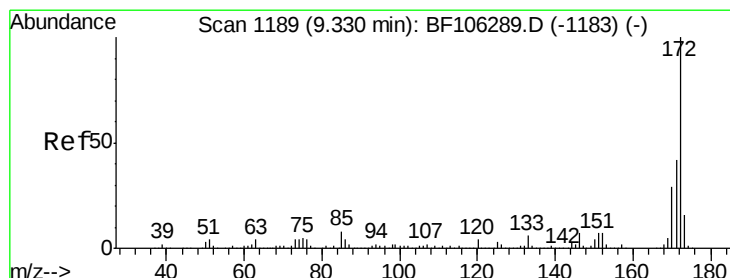
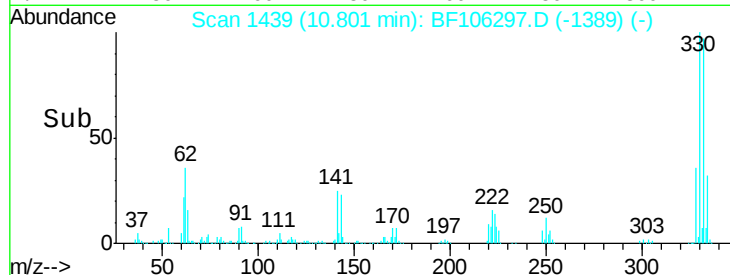
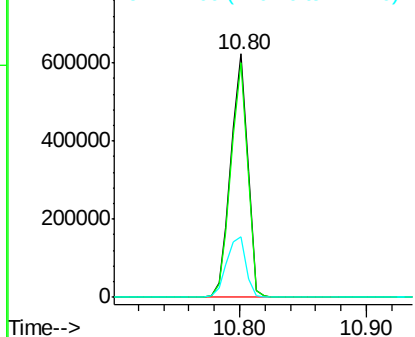
#41
 2,4,6-Tribromophenol
 Concen: 158.661 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

Tot Ion:330 Resp: 574448
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 28.4 29.9 44.9#

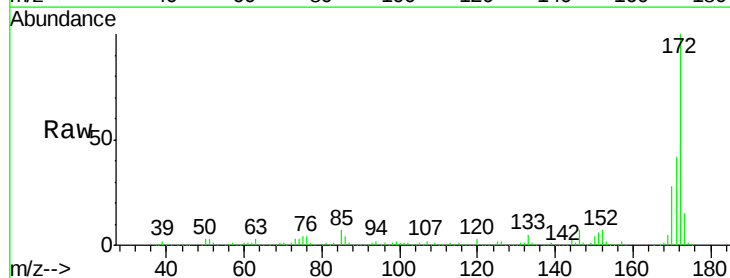


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

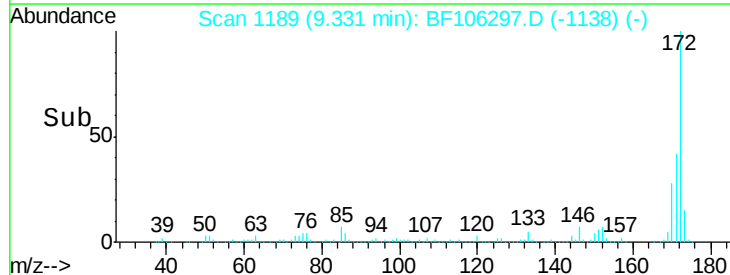
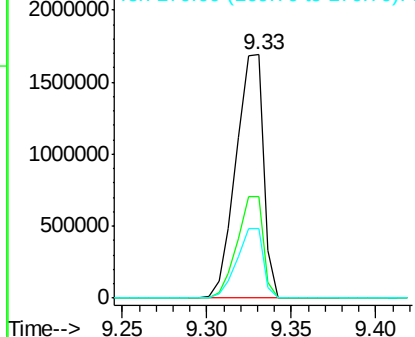


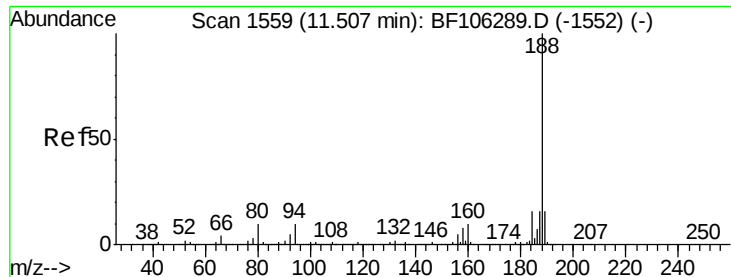
#44
 2-Fluorobiphenyl
 Concen: 93.712 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Tgt Ion:172 Resp: 1923320
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.7 44.5
 170 28.3 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

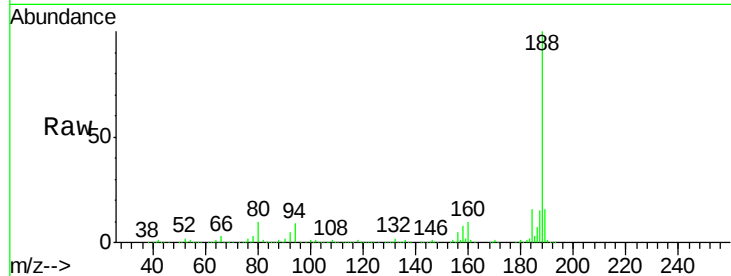




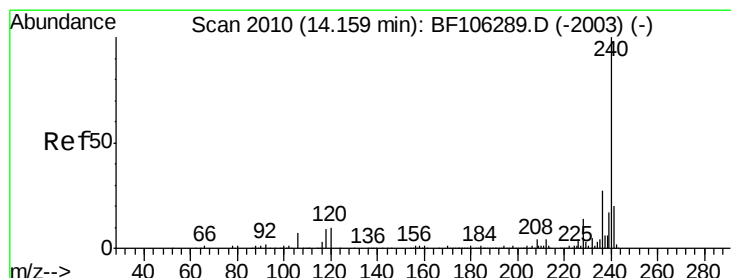
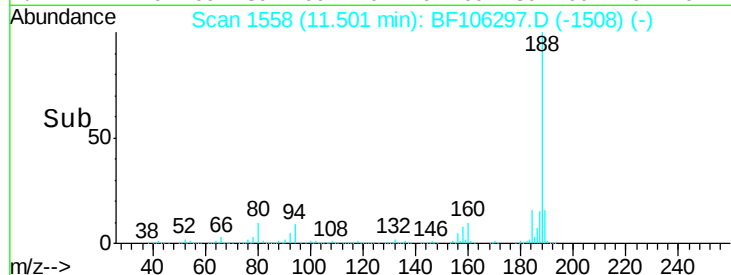
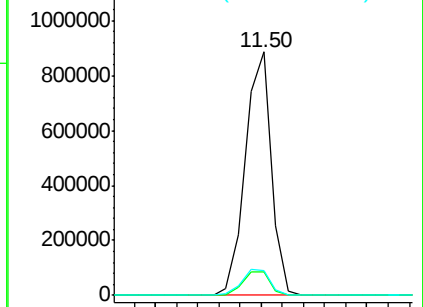
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Instrument :
BNA_F
ClientSampleId :
PB110108BL

Tot Ion:188 Resp: 758901
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8

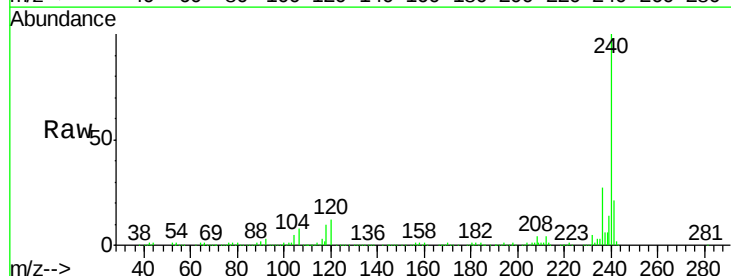


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

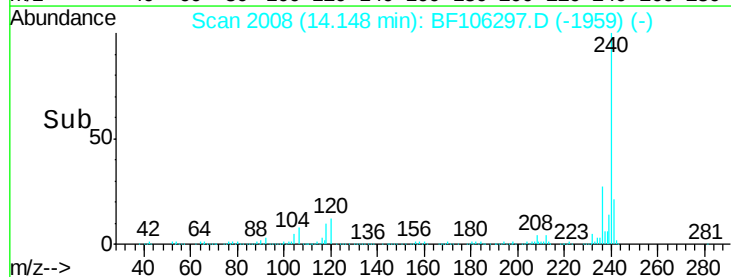
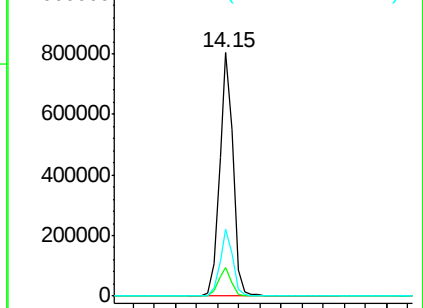


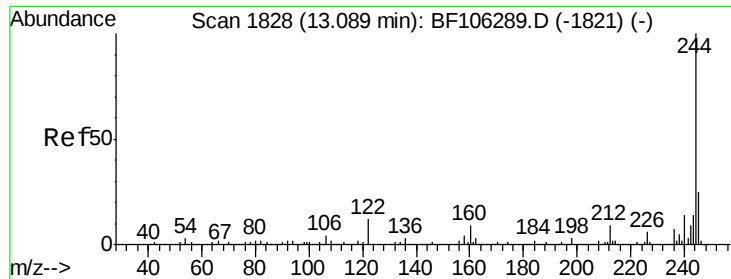
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Tgt Ion:240 Resp: 724447
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 27.5 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

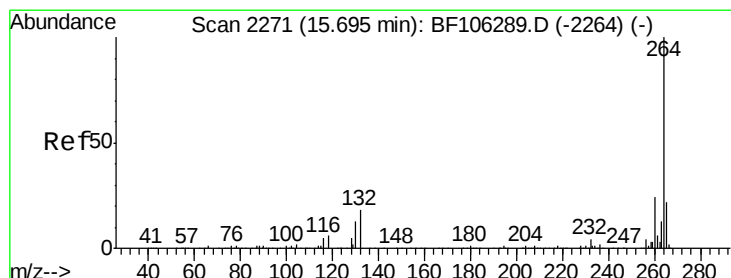
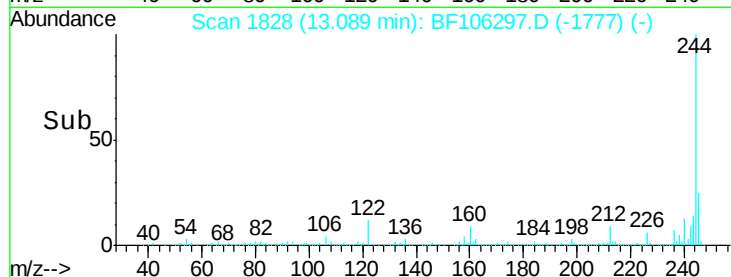
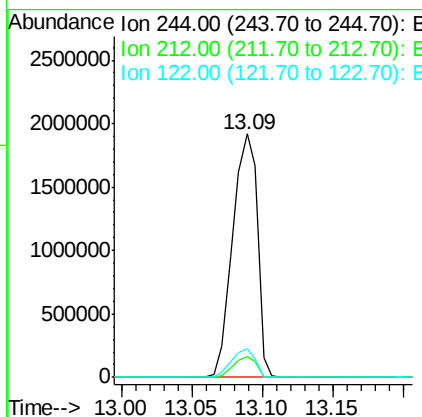
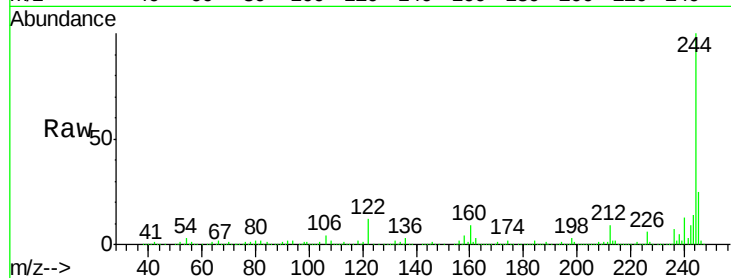




#78
 Terphenyl-d14
 Concen: 80.087 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

Tot Ion:244 Resp: 2335905
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.4 8.0#
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Tgt Ion:264 Resp: 559860
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.8 17.5 26.3

