

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106937.D
 Acq On : 28 Jun 2018 22:43
 Operator : JU/SJ
 Sample : J3717-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Quant Time: Jun 29 03:21:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60984	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193556	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	9916	20.00	ng	0.01
63) Phenanthrene-d10	11.51	188	983	20.00	ng	0.00
75) Chrysene-d12	14.21	240	66040	20.00	ng	0.04
86) Perylene-d12	15.71	264	152432	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	193250	53.66	ng	-0.02
7) Phenol-d6	6.59	99	152107	33.82	ng	-0.02
23) Nitrobenzene-d5	7.52	82	279093	80.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.89	330	29033	252.62	ng	0.09
44) 2-Fluorobiphenyl	9.33	172	419521	848.63	ng	0.00
78) Terphenyl-d14	13.17	244	93888	34.44	ng	0.09

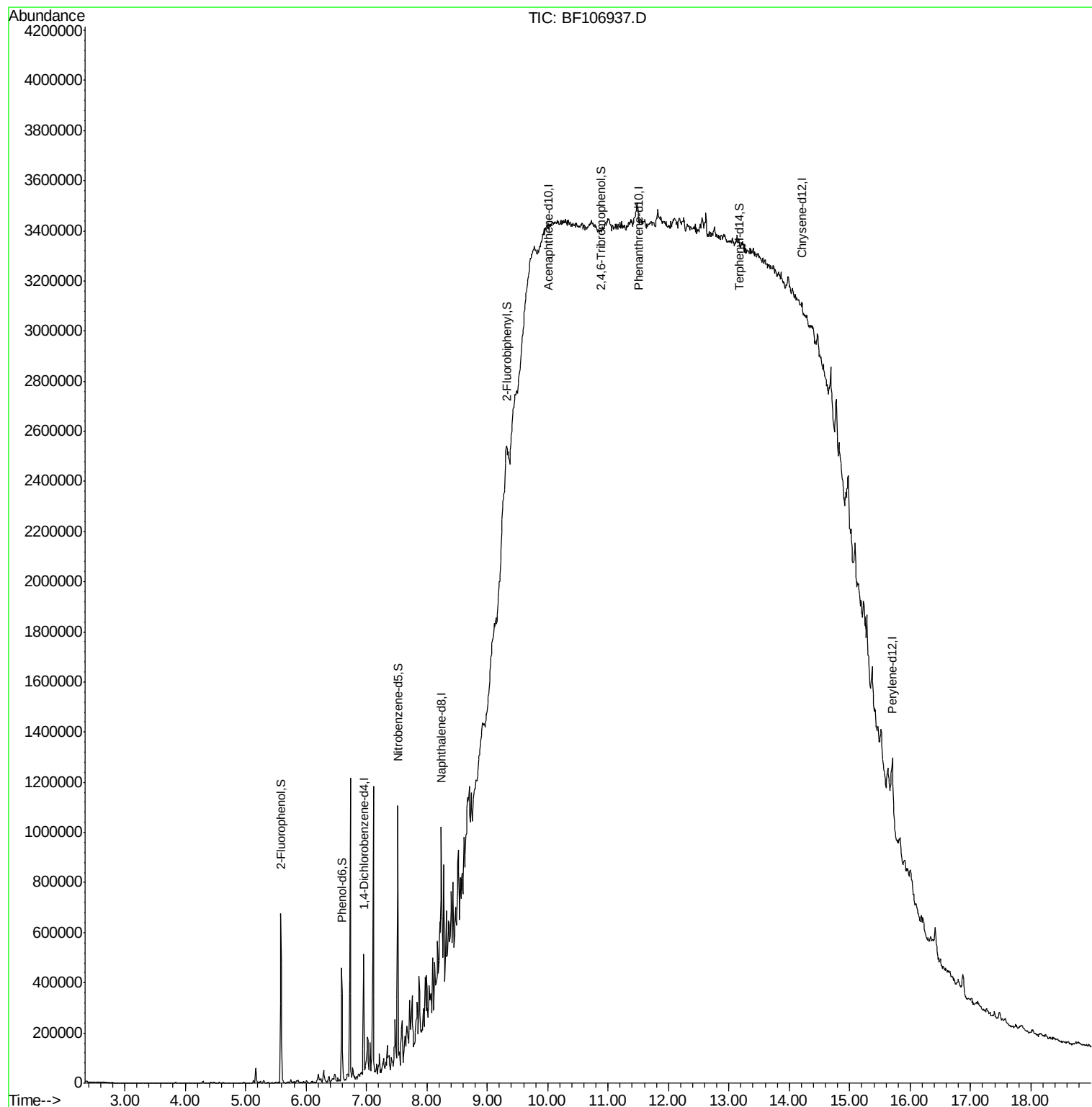
Target Compounds Qvalue

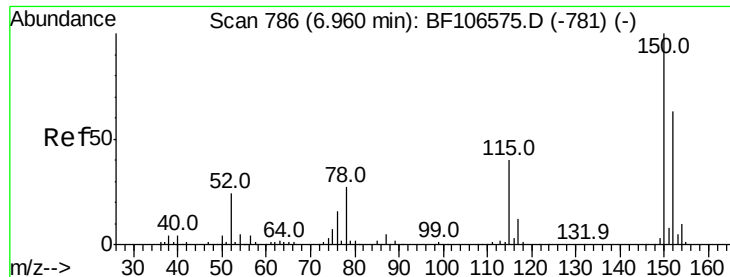
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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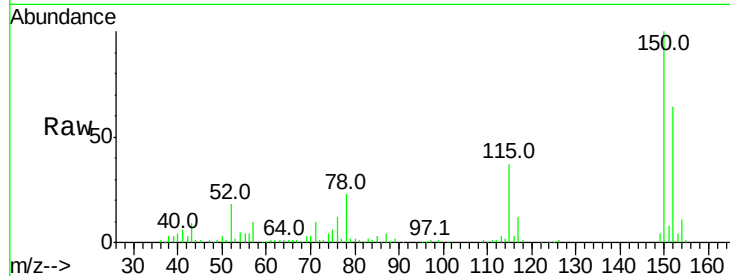


#1

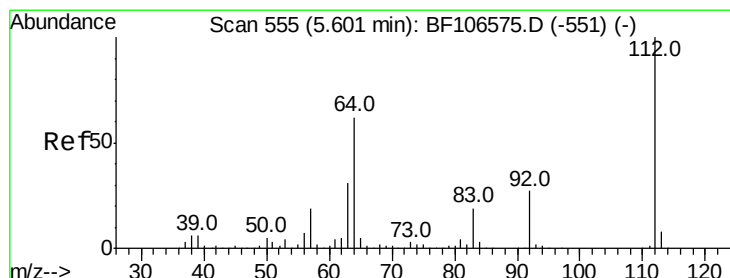
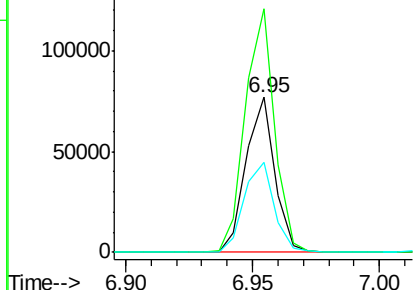
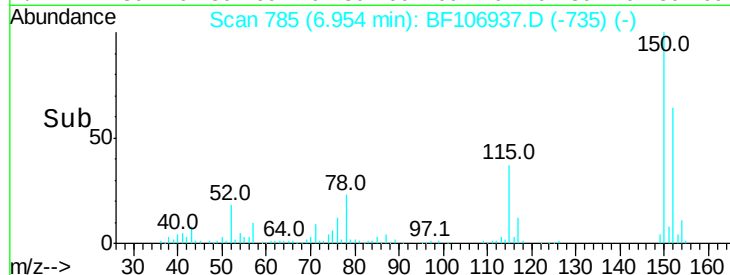
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Instrument :
BNA_F
ClientSampleId :
N48971

Tot Ion:152 Resp: 60984
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.7 50.1 75.1



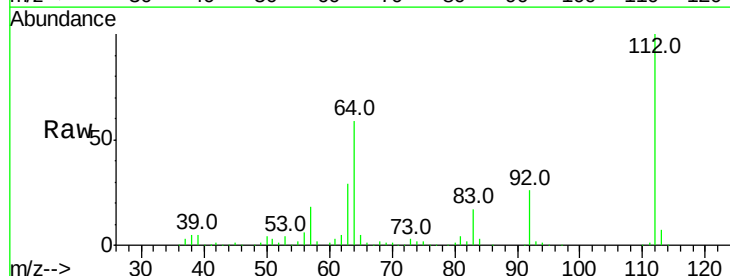
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



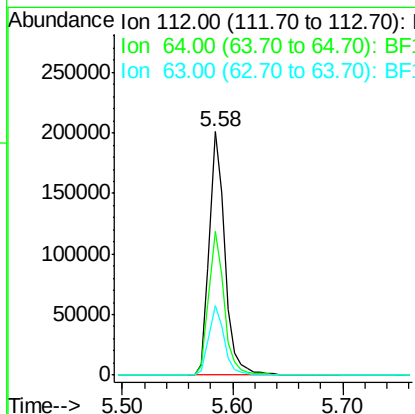
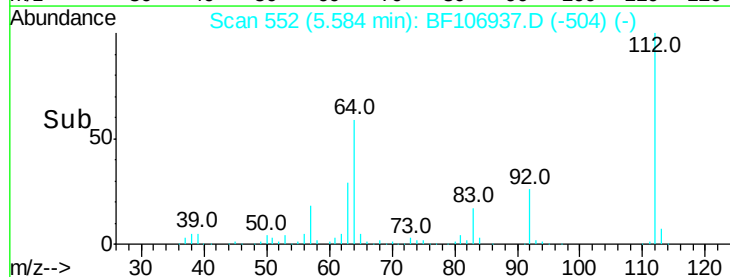
#5

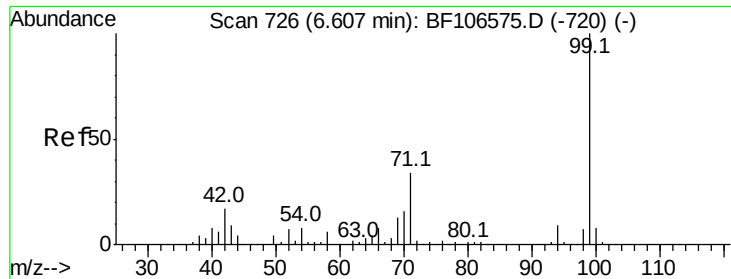
2-Fluorophenol
Concen: 53.659 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion:112 Resp: 193250
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 28.6 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: 33.820 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

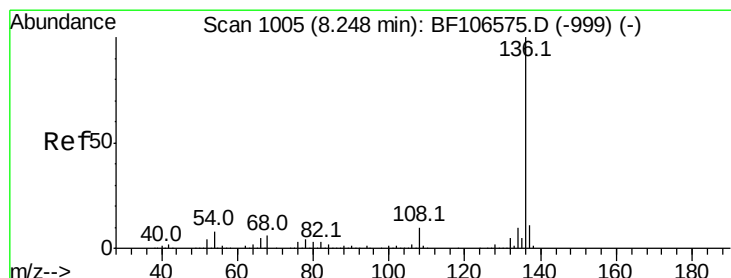
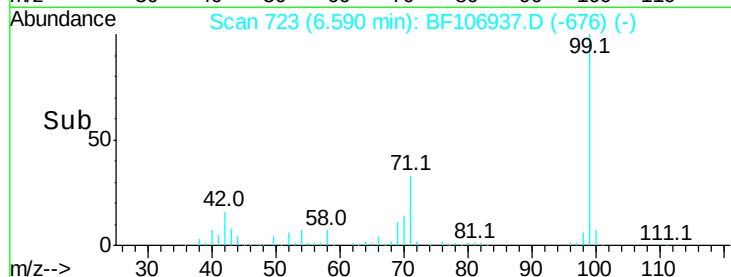
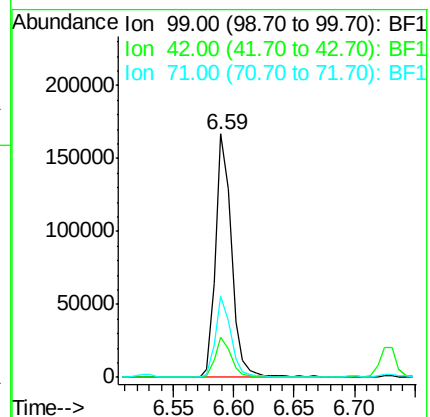
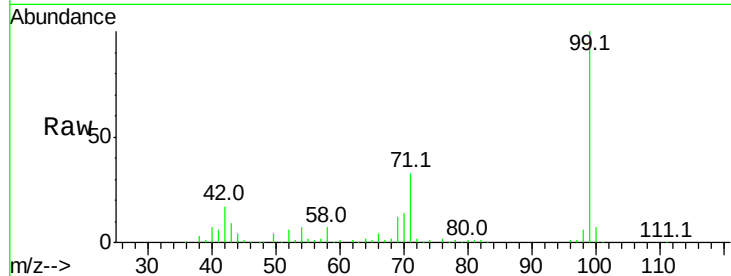
Tot Ion: 99 Resp: 152107

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Tgt Ion: 136 Resp: 193556

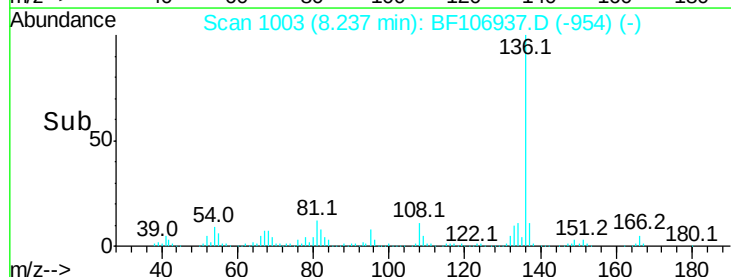
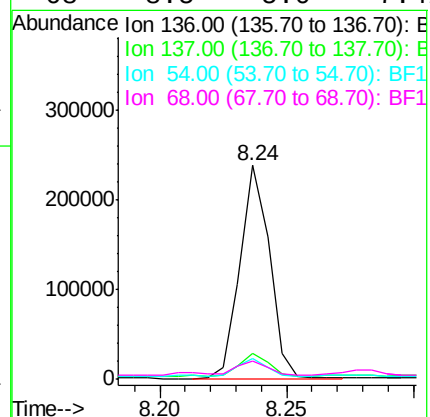
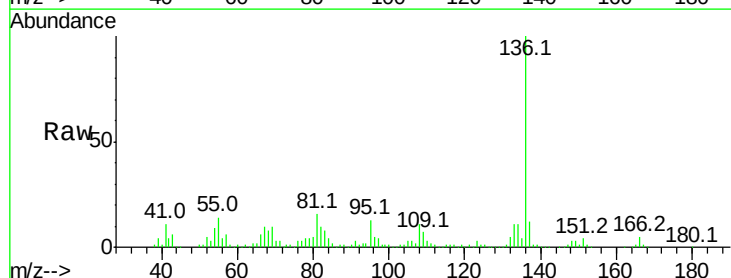
Ion Ratio Lower Upper

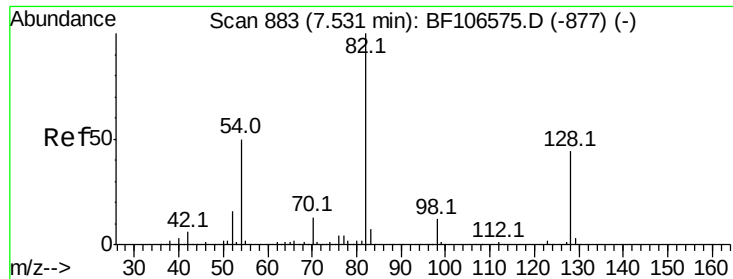
136 100

137 11.8 8.9 13.3

54 9.3 6.6 9.8

68 8.5 5.0 7.4#

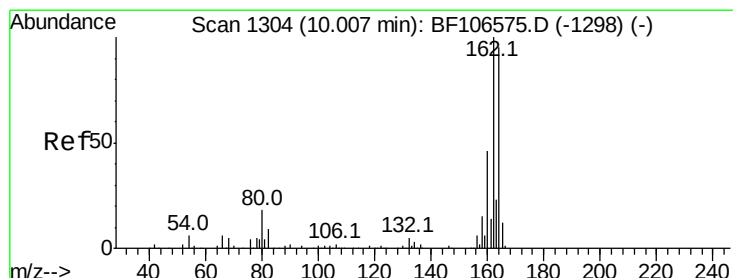
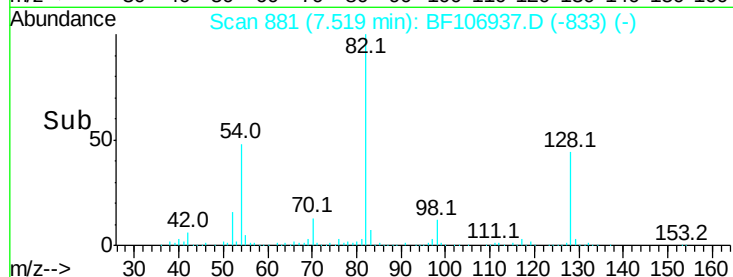
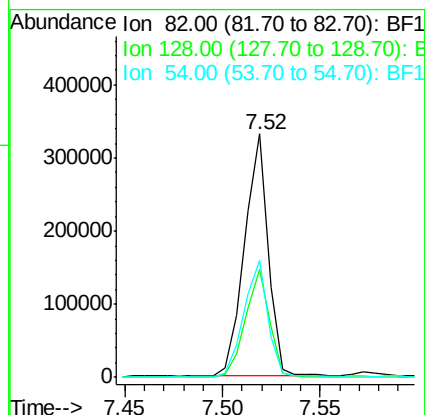
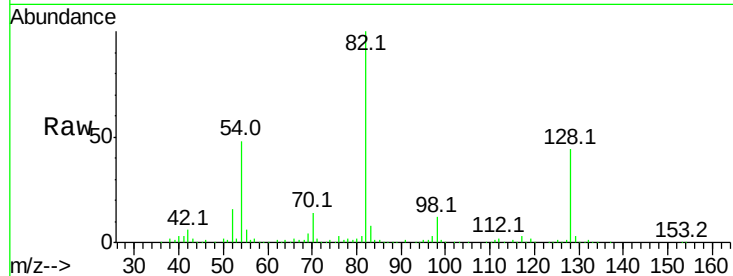




#23
Nitrobenzene-d5
Concen: 80.133 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

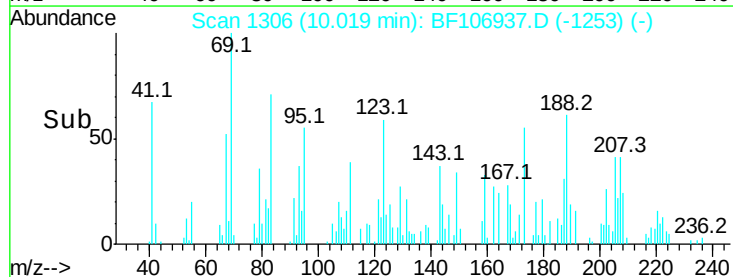
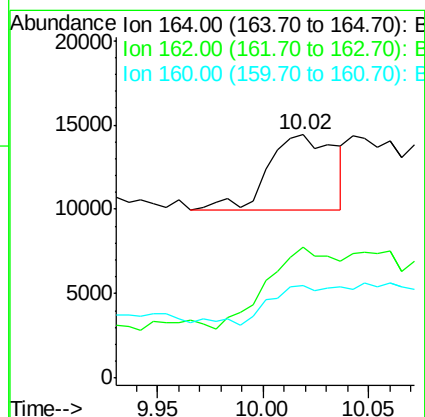
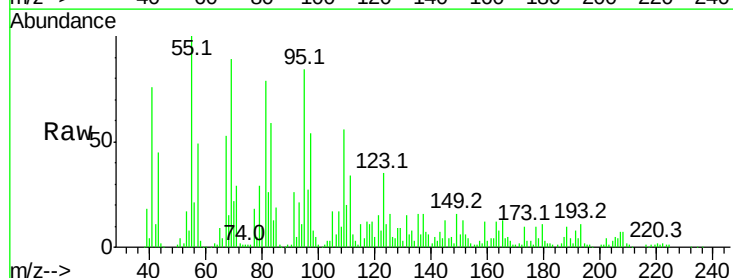
Instrument :
BNA_F
ClientSampled :
N48971

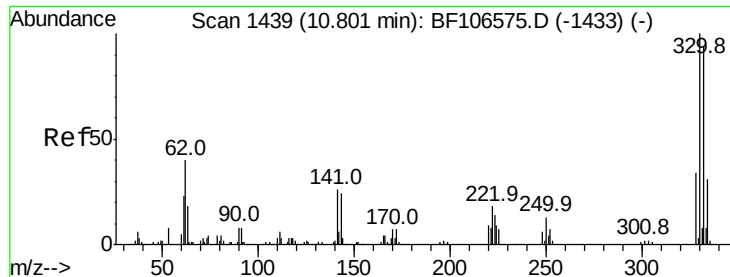
Tot Ion: 82 Resp: 279093
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 48.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion: 164 Resp: 9916
Ion Ratio Lower Upper
164 100
162 53.6 86.1 129.1#
160 37.9 38.3 57.5#

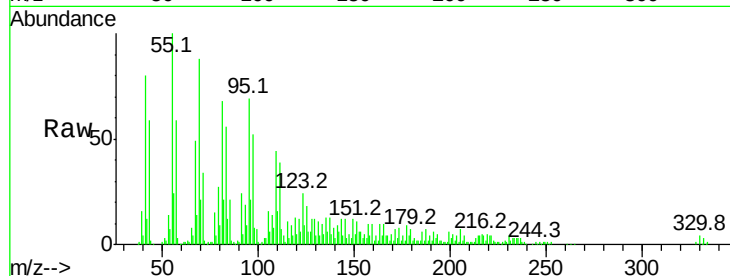




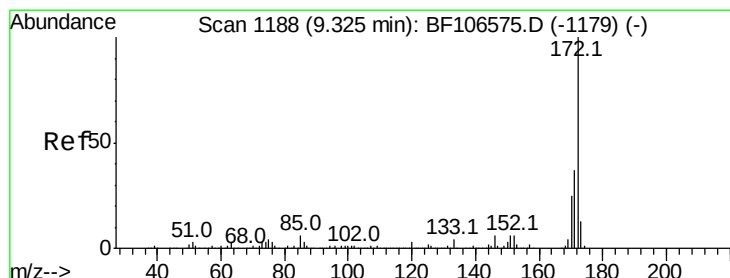
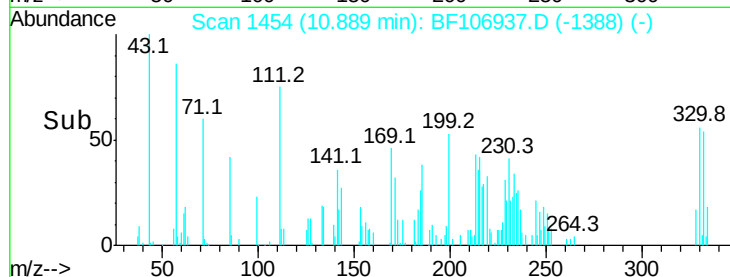
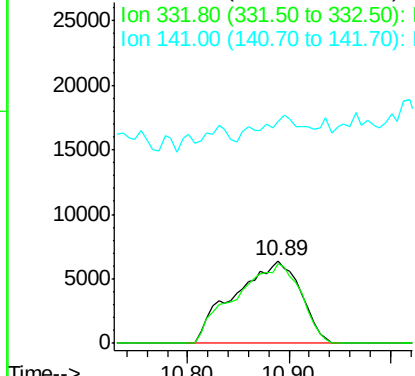
#41
 2,4,6-Tribromophenol
 Concen: 252.617 ng
 RT: 10.89 min Scan# 1454
 Delta R.T. 0.09 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Tot Ion:330 Resp: 29033
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 20.0 29.9 44.9#

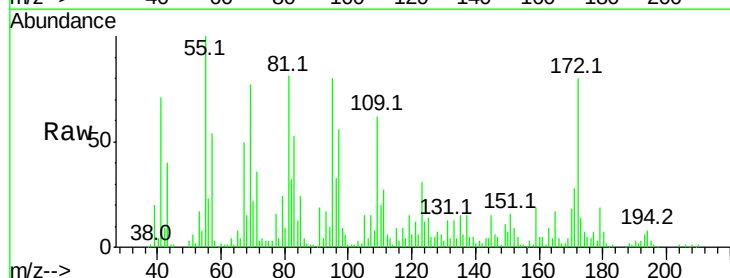


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

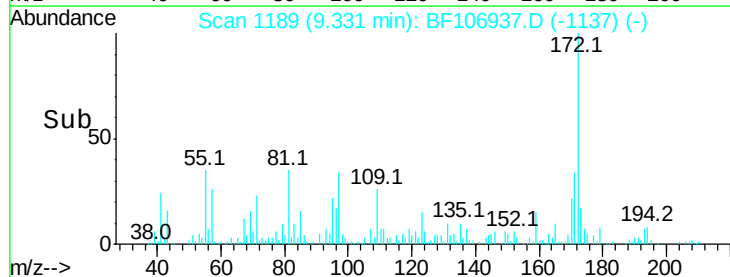
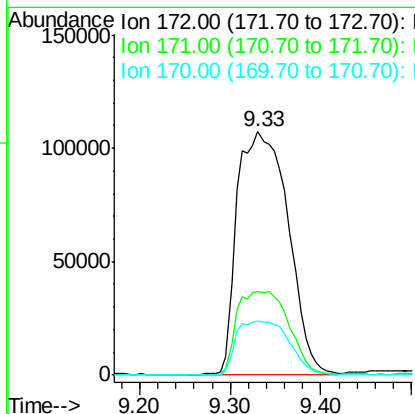


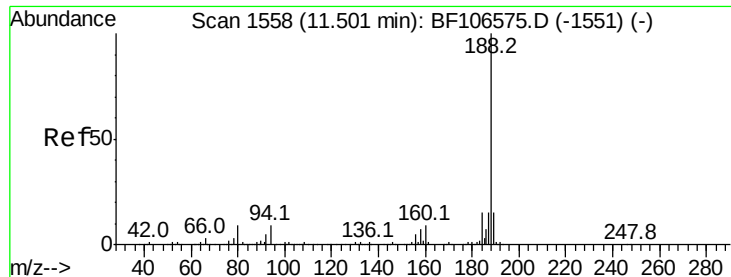
#44
 2-Fluorobiphenyl
 Concen: 848.630 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

Tgt Ion:172 Resp: 419521
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 22.2 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: 11.51 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

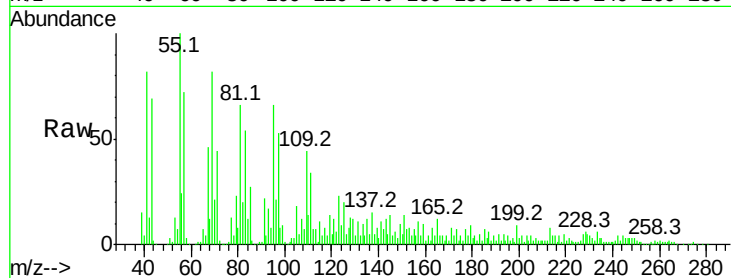
Tot Ion:188 Resp: 983

Ion Ratio Lower Upper

188 100

94 490.9 8.5 12.7#

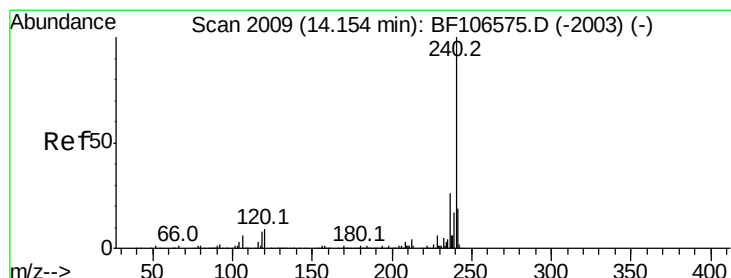
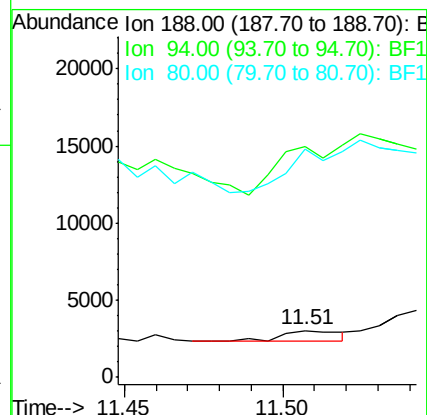
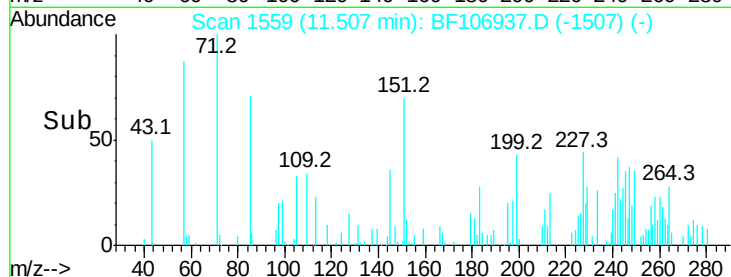
80 487.7 9.2 13.8#



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: 14.21 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

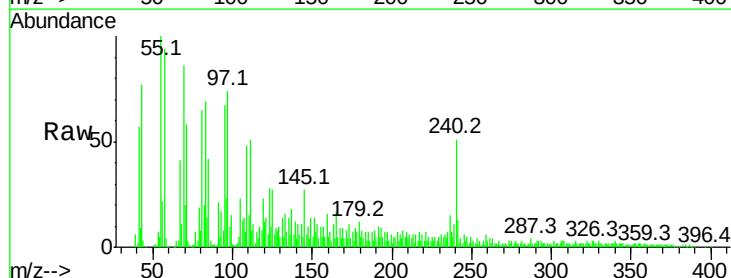
Tgt Ion:240 Resp: 66040

Ion Ratio Lower Upper

240 100

120 22.5 9.5 14.3#

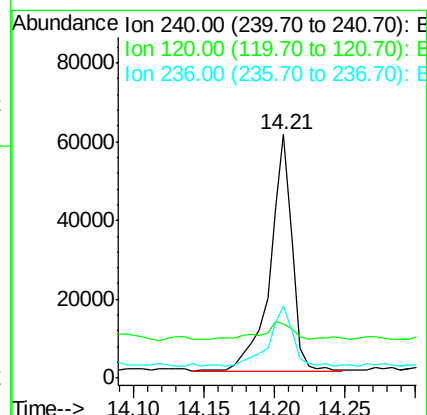
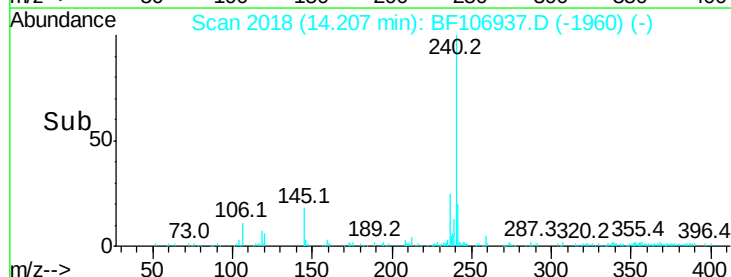
236 29.8 20.7 31.1

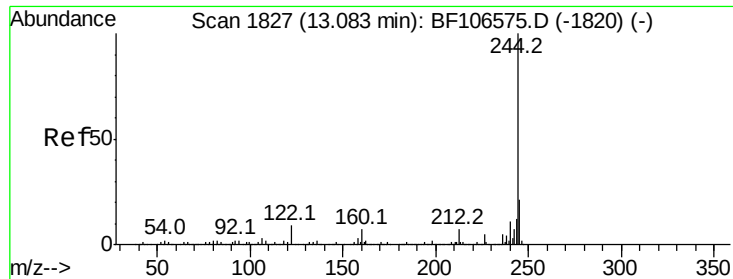


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.437 ng

RT: 13.17 min Scan# 1842

Delta R.T. 0.09 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

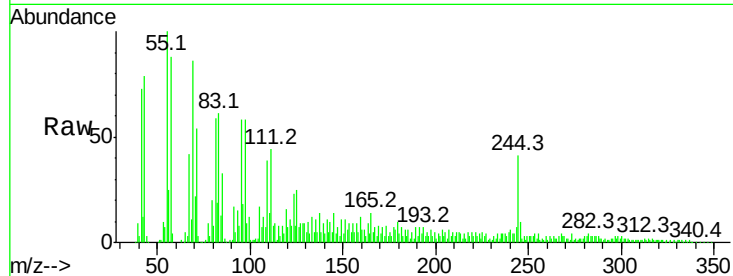
Tot Ion:244 Resp: 93888

Ion Ratio Lower Upper

244 100

212 11.4 5.4 8.0#

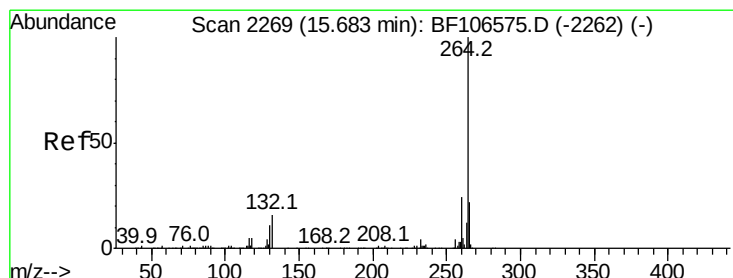
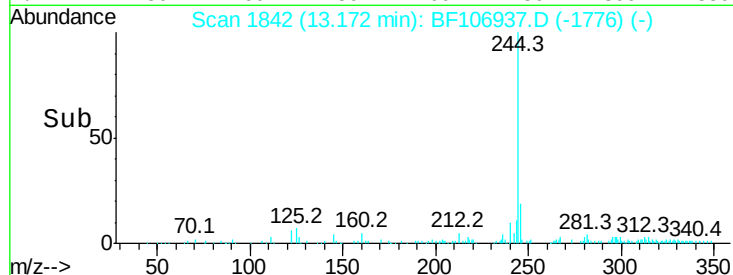
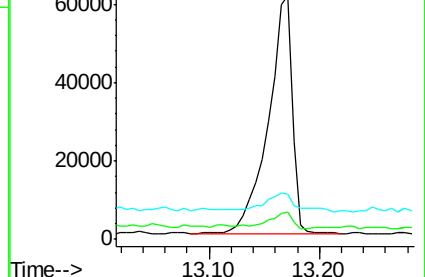
122 18.6 11.0 16.4#



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: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

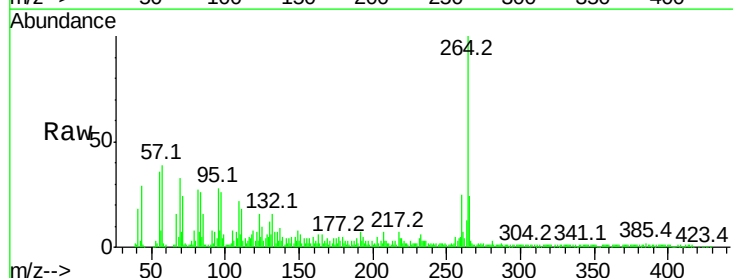
Tgt Ion:264 Resp: 152432

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 23.7 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

