

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106428.D
 Acq On : 14 Jun 2018 8:23
 Operator : JU/SJ
 Sample : J3401-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-30

Quant Time: Jun 14 11:30:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147949	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	555537	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269798	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496162	20.00	ng	0.00
75) Chrysene-d12	14.15	240	368692	20.00	ng	0.00
86) Perylene-d12	15.68	264	355051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	541269	61.92	ng	0.00
7) Phenol-d6	6.61	99	438190	39.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	896375	94.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	389660	150.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1420363	98.03	ng	0.00
78) Terphenyl-d14	13.09	244	1341225	90.35	ng	0.00

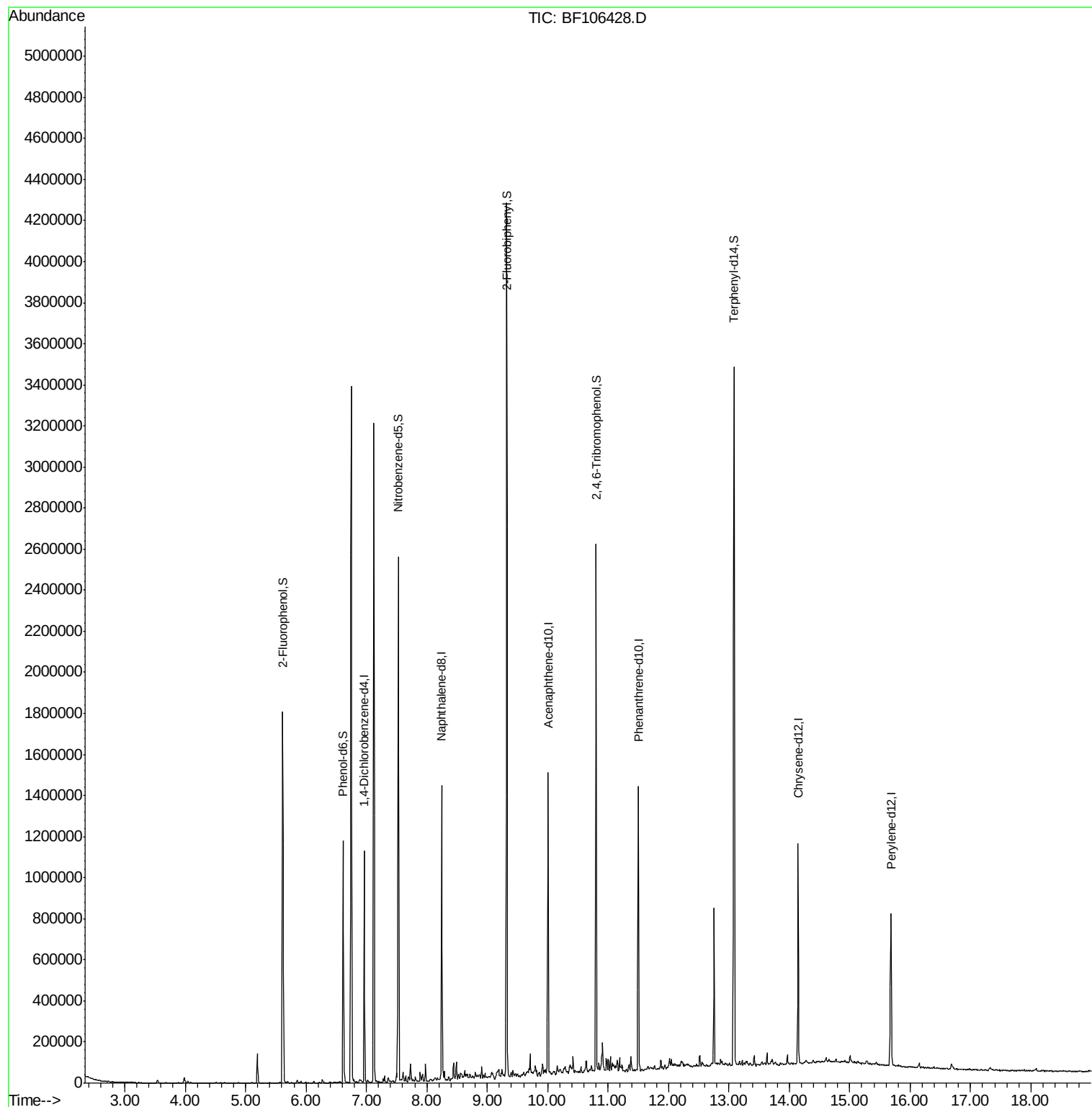
Target Compounds Qvalue

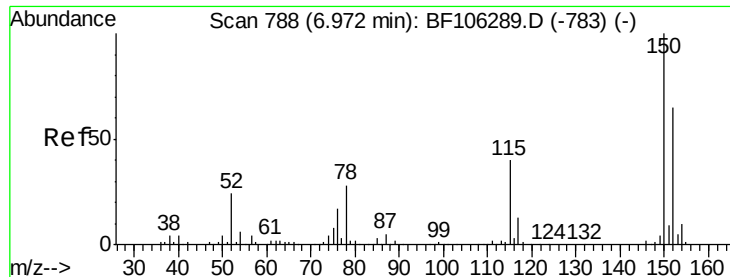
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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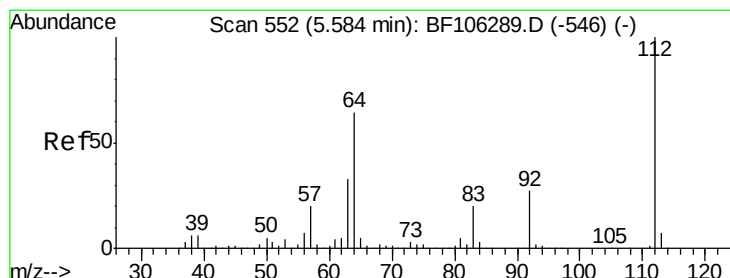
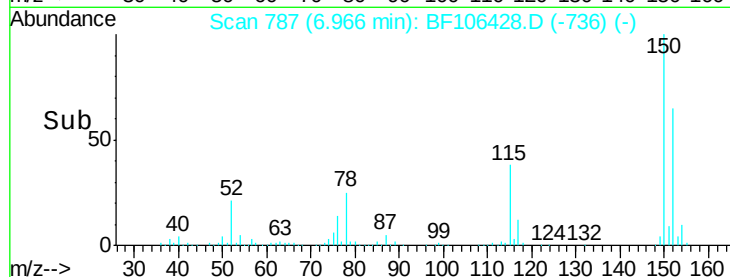
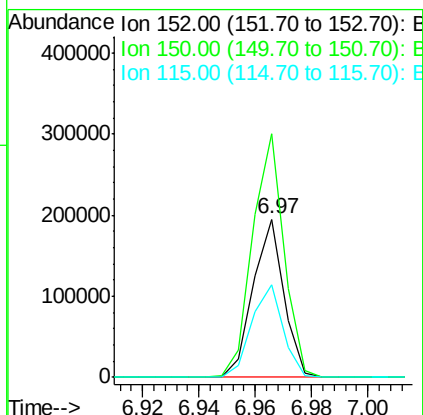
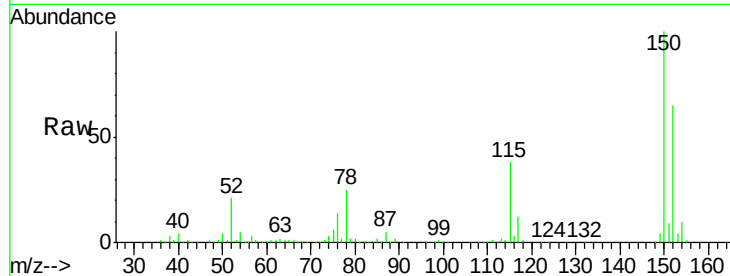


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Instrument :
BNA_F
ClientSampleId :
W-30

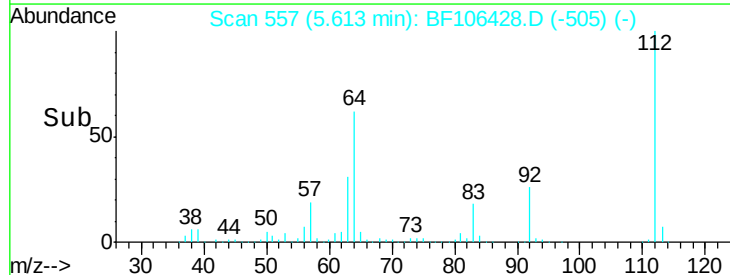
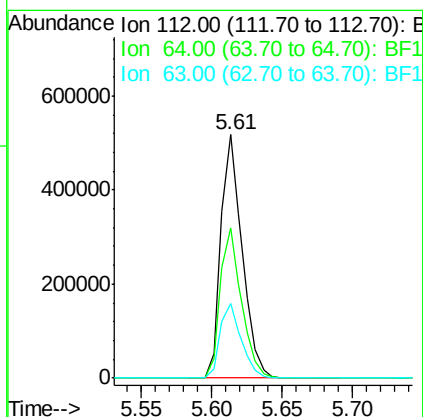
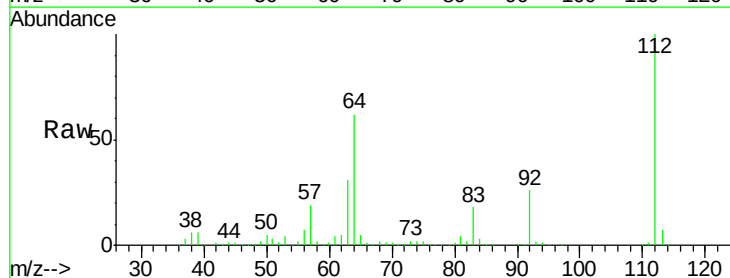
Tot Ion:152 Resp: 147949
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 58.3 50.1 75.1

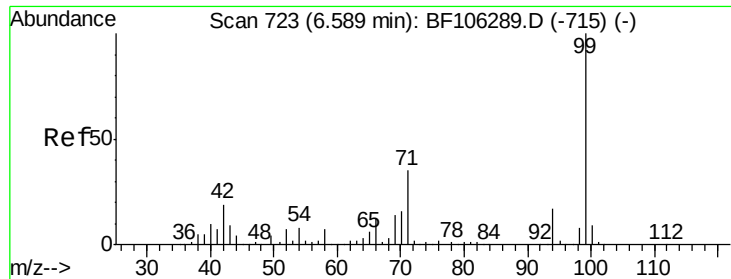


#5

2-Fluorophenol
Concen: 61.920 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion:112 Resp: 541269
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 39.677 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

Instrument :

BNA_F

ClientSampled :

W-30

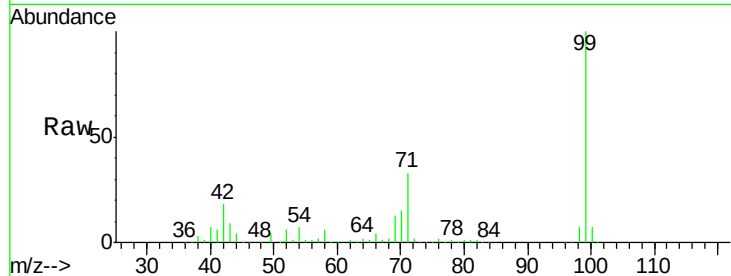
Tot Ion: 99 Resp: 438190

Ion Ratio Lower Upper

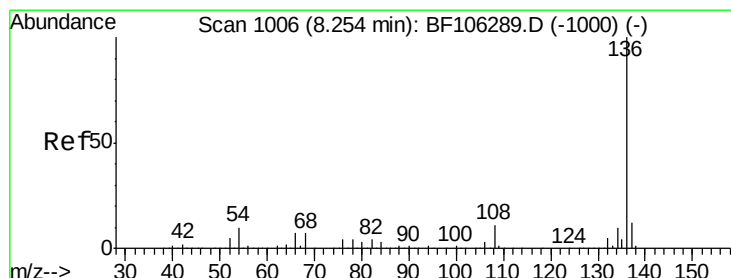
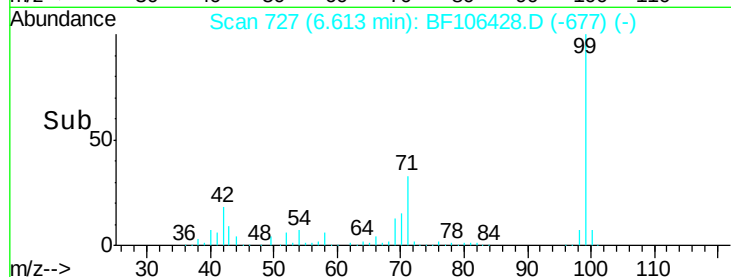
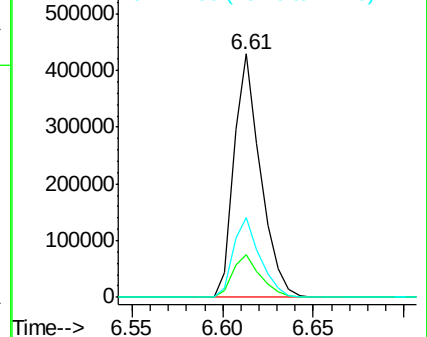
99 100

42 17.7 14.5 21.7

71 32.8 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: BF106428.D

Acq: 14 Jun 2018 8:23

Tgt Ion: 136 Resp: 555537

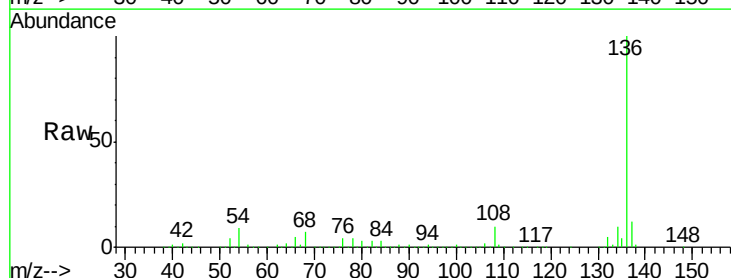
Ion Ratio Lower Upper

136 100

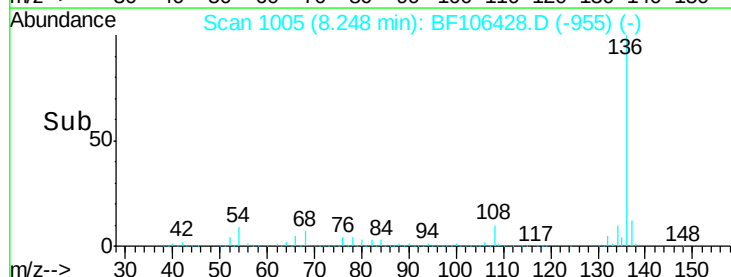
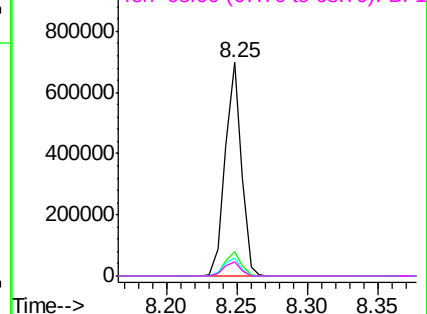
137 11.5 8.9 13.3

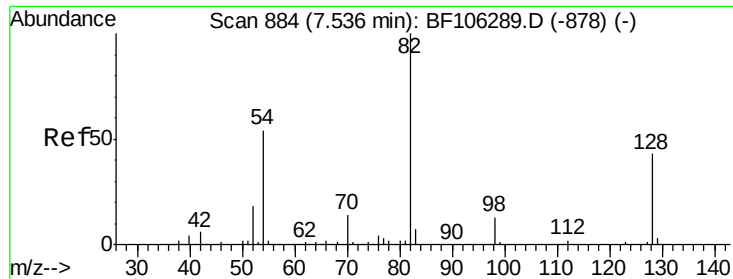
54 8.5 6.6 9.8

68 6.7 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

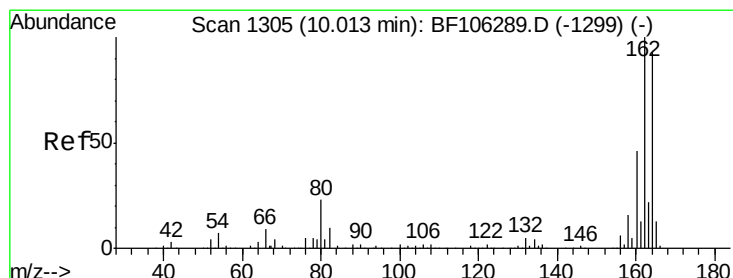
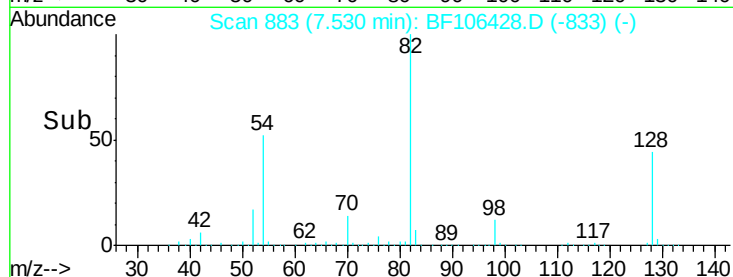
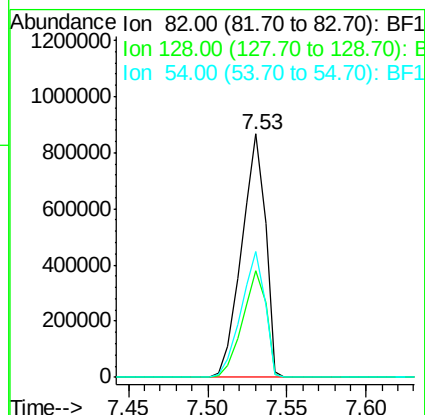
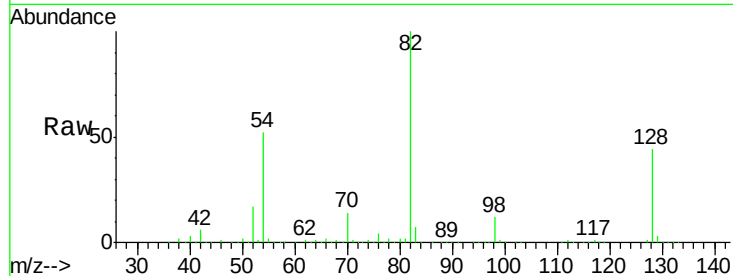




#23
Nitrobenzene-d5
Concen: 94.921 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

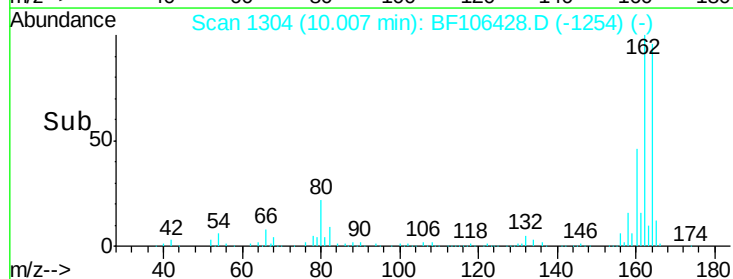
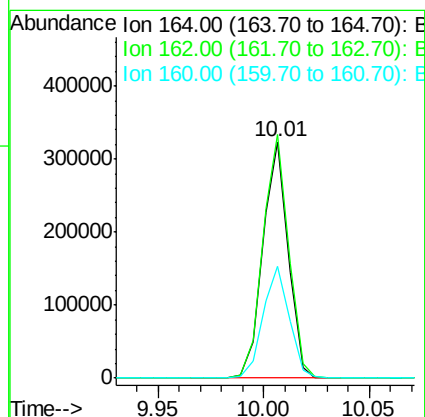
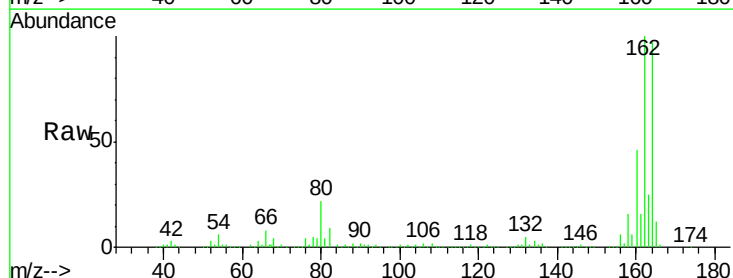
Instrument :
BNA_F
ClientSampleId :
W-30

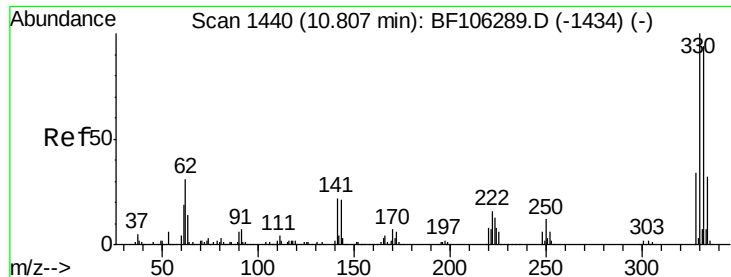
Tot Ion: 82 Resp: 896375
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 51.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion: 164 Resp: 269798
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.4 38.3 57.5

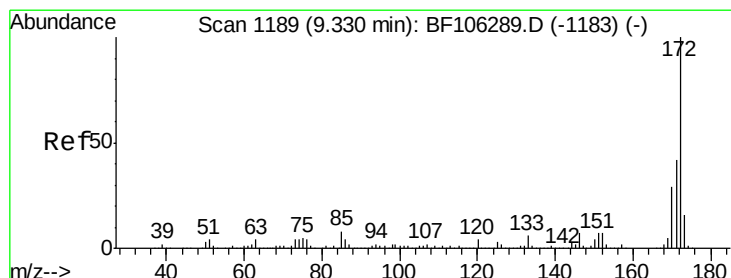
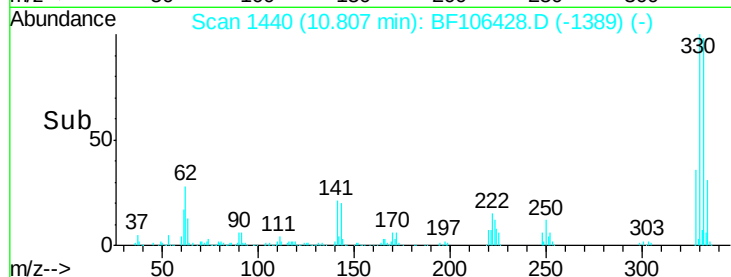
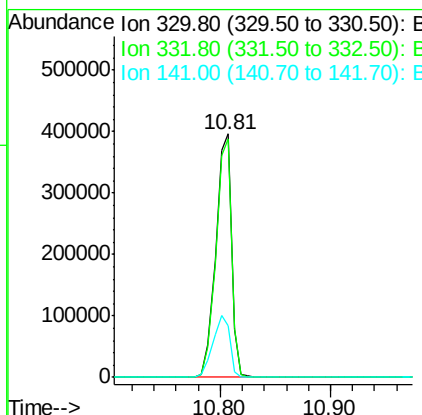
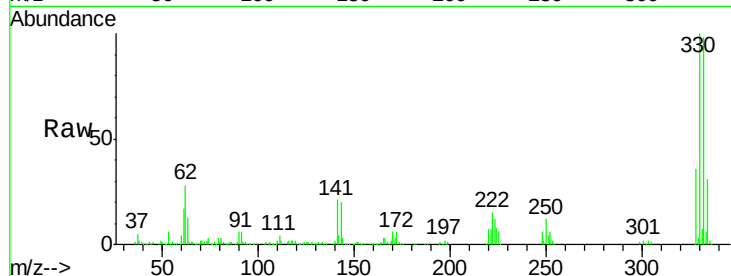




#41
 2,4,6-Tribromophenol
 Concen: 150.105 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

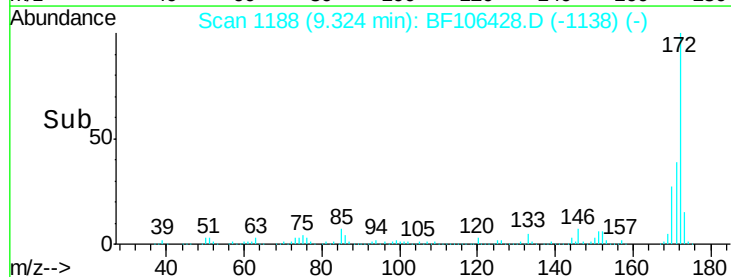
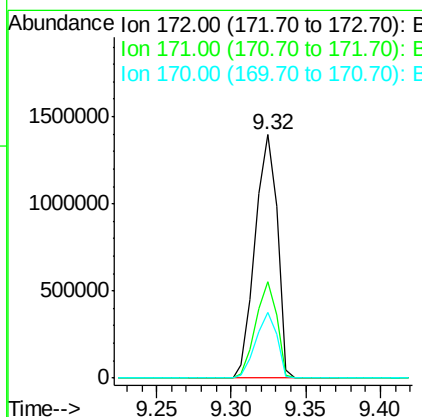
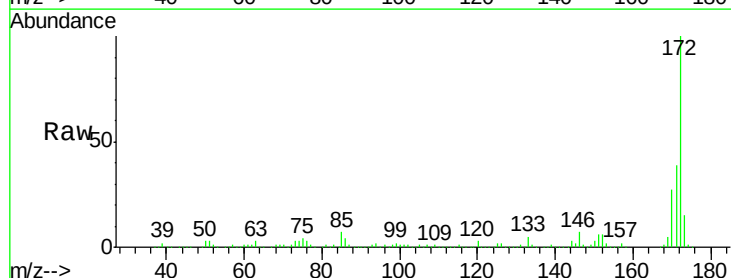
Instrument :
 BNA_F
 ClientSampleId :
 W-30

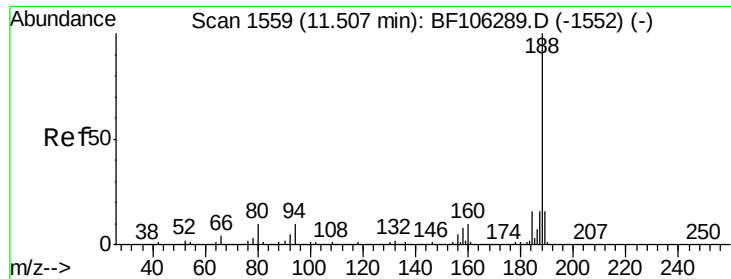
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.034 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.7	44.5
170	27.1	19.6	29.4

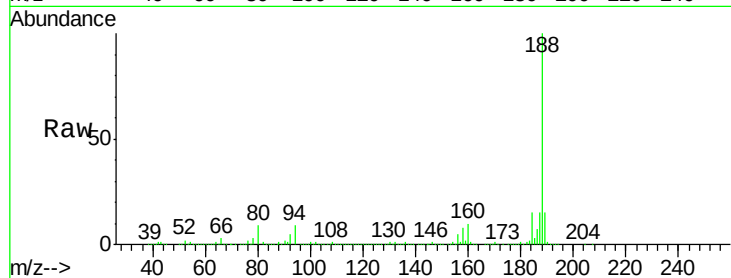




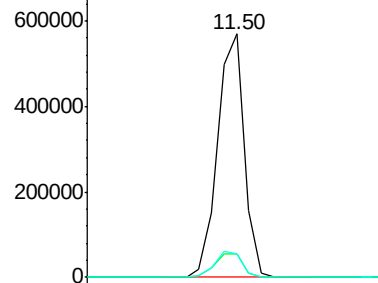
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Instrument :
BNA_F
ClientSampleId :
W-30

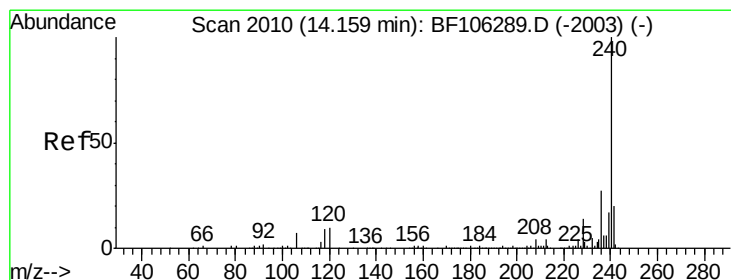
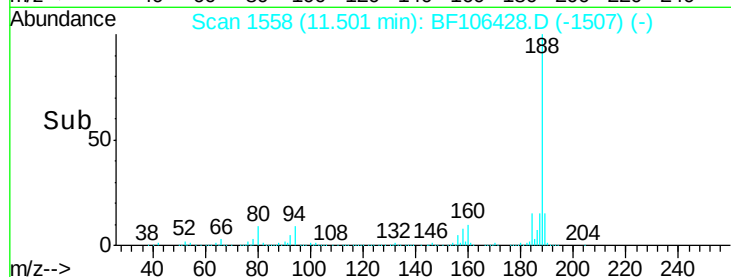
Tot Ion:188 Resp: 496162
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.4 9.2 13.8



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

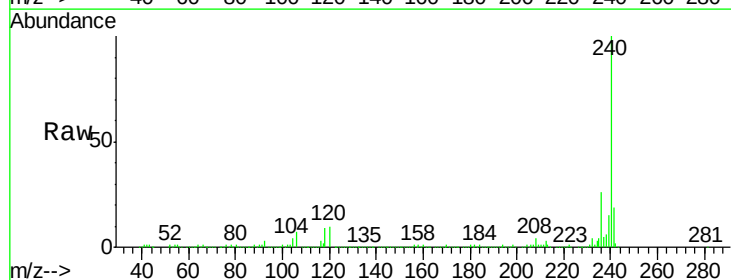


Time-->

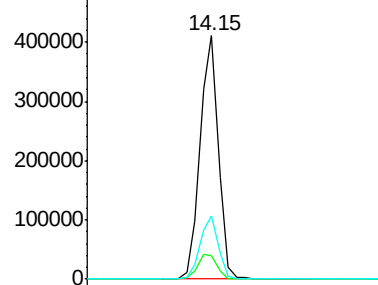


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

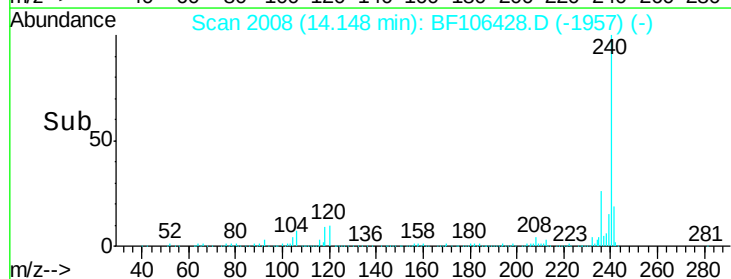
Tgt Ion:240 Resp: 368692
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.7 20.7 31.1

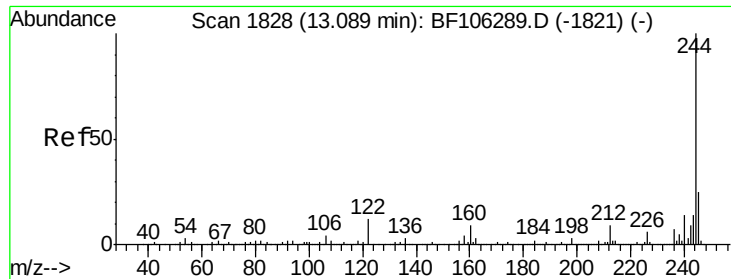


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

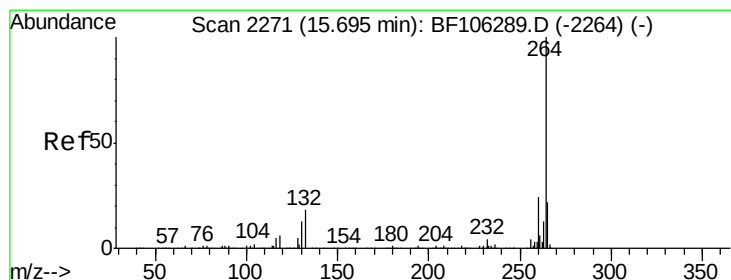
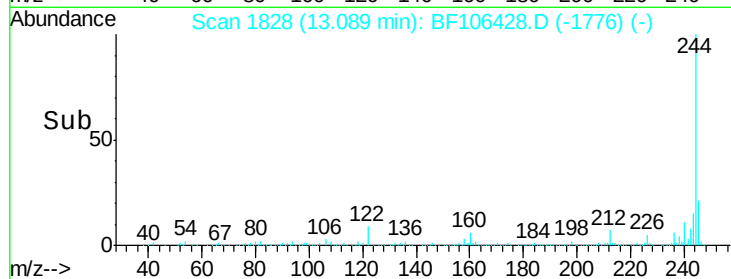
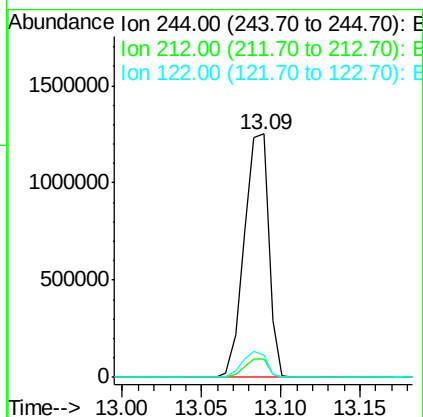
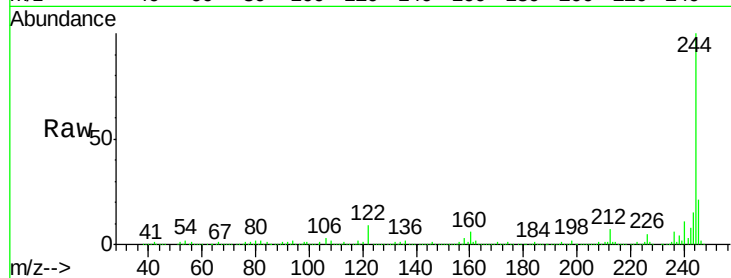




#78
 Terphenyl-d14
 Concen: 90.355 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

Instrument :
 BNA_F
 ClientSampleId :
 W-30

Tot Ion:244 Resp: 1341225
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

Tgt Ion:264 Resp: 355051
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.5 26.3

