

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106421.D
 Acq On : 14 Jun 2018 5:16
 Operator : JU/SJ
 Sample : J3398-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jun 14 07:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

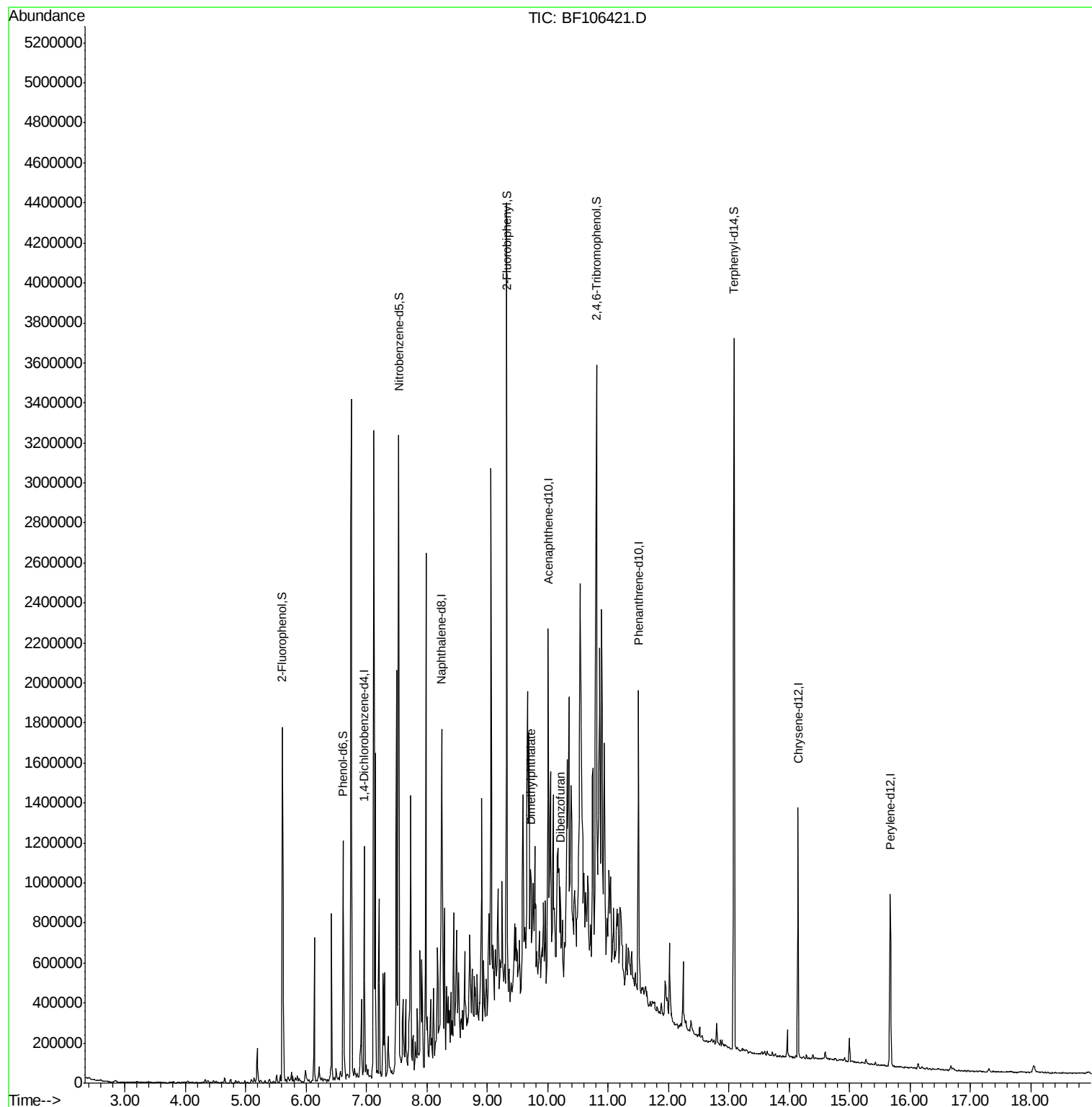
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148922	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	555277	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	271967	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	510435	20.00	ng	0.00
75) Chrysene-d12	14.14	240	414679	20.00	ng	-0.02
86) Perylene-d12	15.67	264	393799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	577786	65.67	ng	-0.02
7) Phenol-d6	6.61	99	484735	43.60	ng	-0.01
23) Nitrobenzene-d5	7.53	82	844981	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	395159	151.01	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1427818	97.62	ng	0.00
78) Terphenyl-d14	13.09	244	1433035	85.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	49159	2.530	ng	# 69
54) Dibenzofuran	10.21	168	49053	2.186	ng	# 89

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

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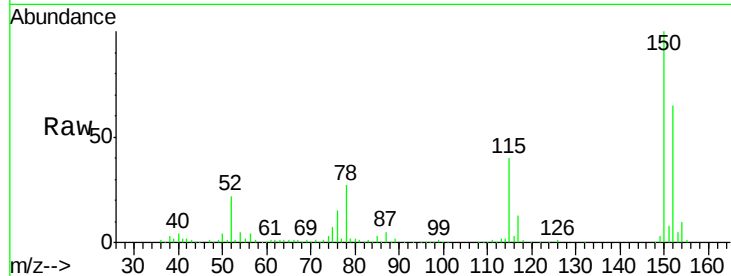




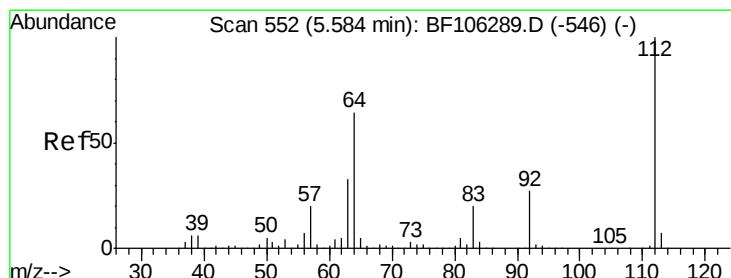
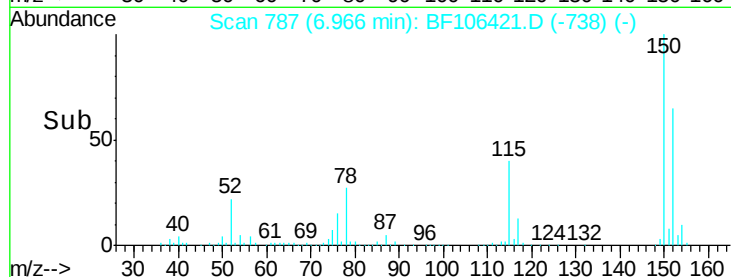
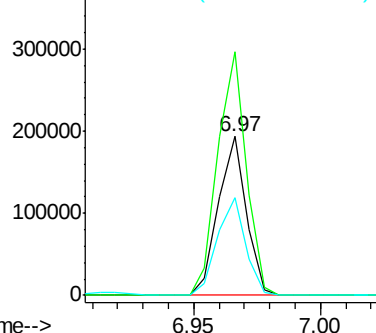
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106421.D
 Acq: 14 Jun 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:152 Resp: 148922
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 186.8
 115 61.7 50.1 75.1

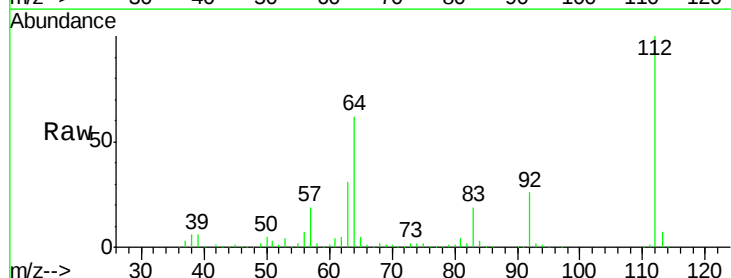


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

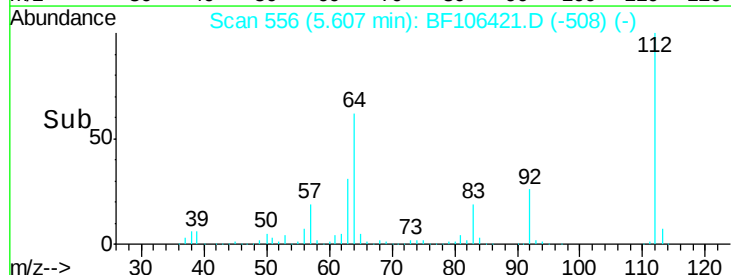
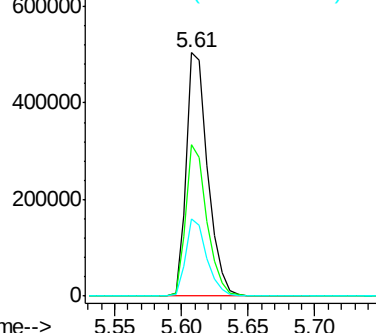


#5
 2-Fluorophenol
 Concen: 65.665 ng
 RT: 5.61 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF106421.D
 Acq: 14 Jun 2018 5:16

Tgt Ion:112 Resp: 577786
 Ion Ratio Lower Upper
 112 100
 64 62.1 47.9 71.9
 63 31.5 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: 43.604 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106421.D

Acq: 14 Jun 2018 5:16

Instrument :

BNA_F

ClientSampled :

W-12

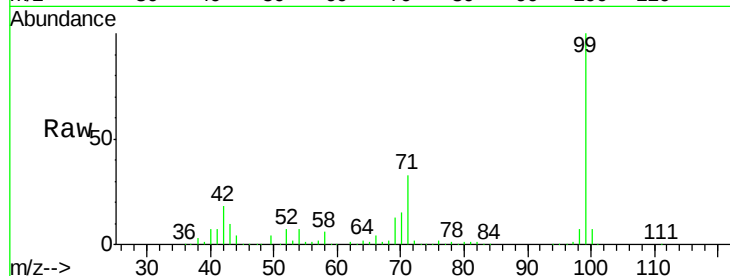
Tot Ion: 99 Resp: 484735

Ion Ratio Lower Upper

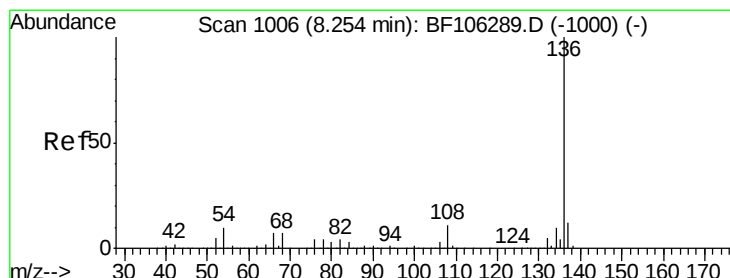
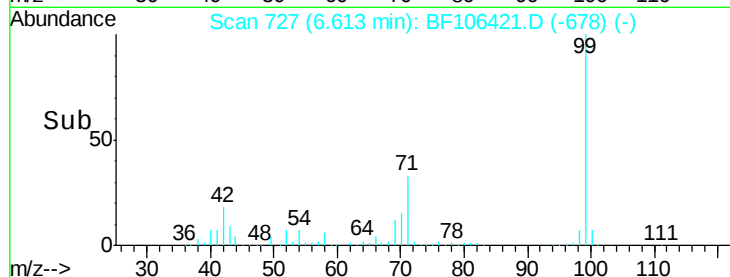
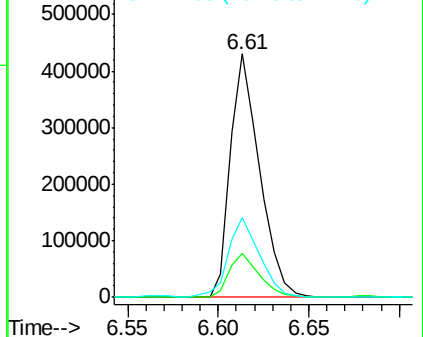
99 100

42 17.9 14.5 21.7

71 33.0 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: BF106421.D

Acq: 14 Jun 2018 5:16

Tgt Ion: 136 Resp: 555277

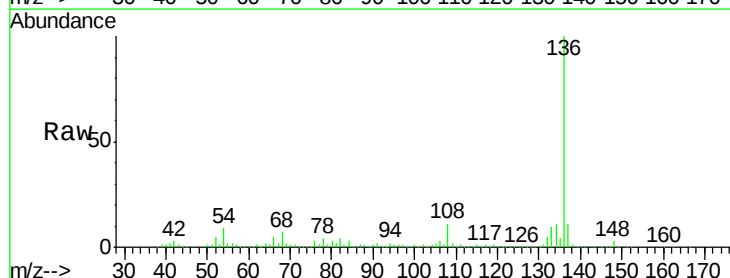
Ion Ratio Lower Upper

136 100

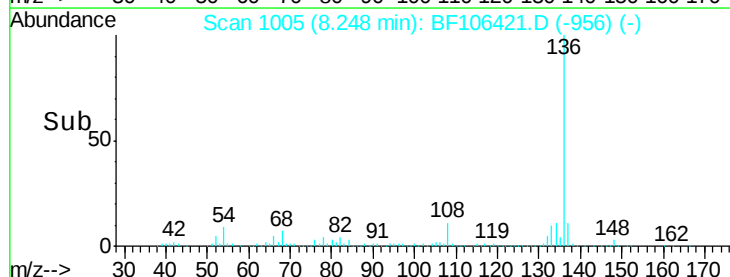
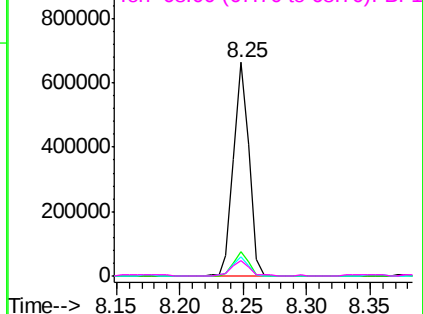
137 11.2 8.9 13.3

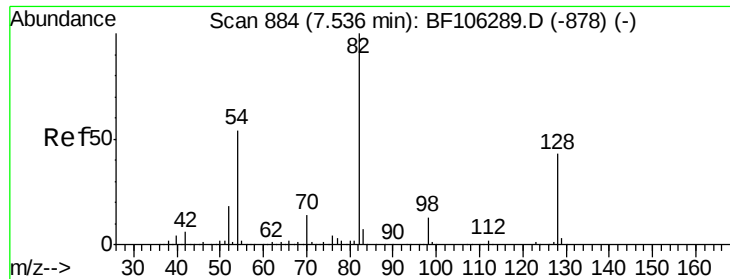
54 9.2 6.6 9.8

68 7.1 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

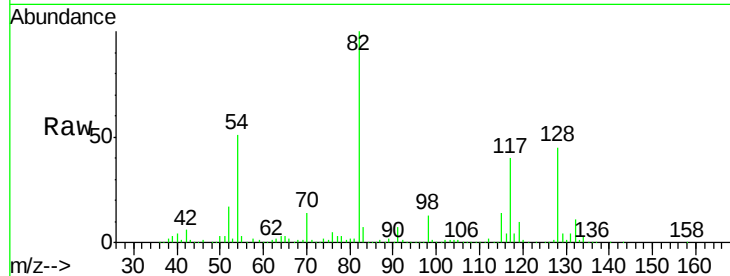




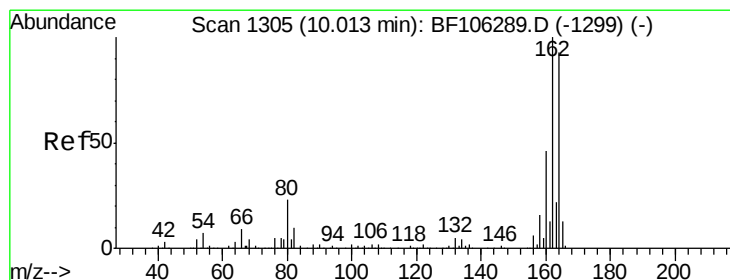
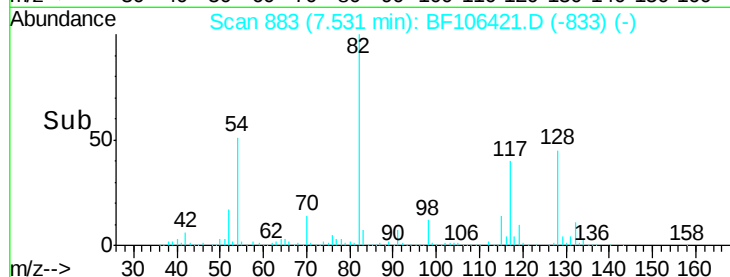
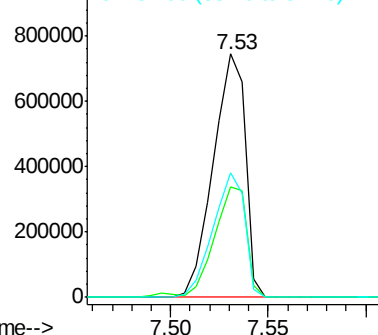
#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Instrument :
BNA_F
ClientSampled :
W-12

Tot Ion	82	Resp	844981
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	51.0	41.4	62.2

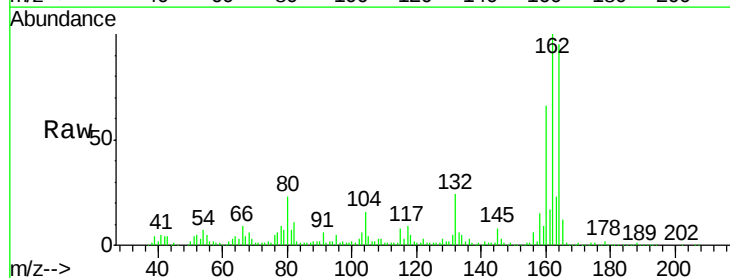


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

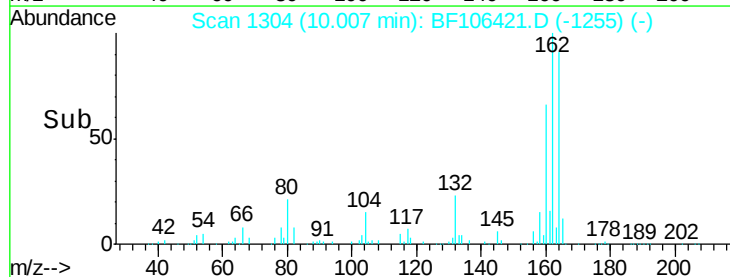
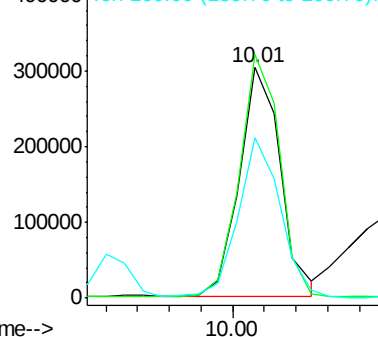


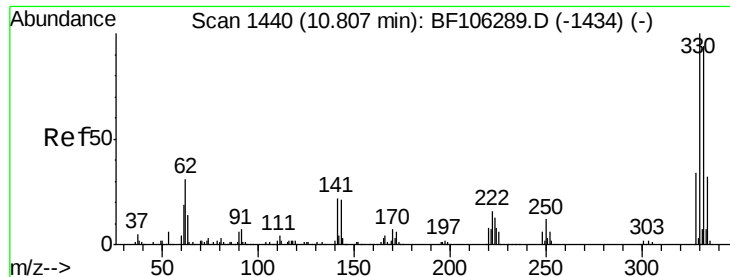
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion	164	Resp	271967
Ion Ratio	Lower	Upper	
164	100		
162	105.7	86.1	129.1
160	69.9	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

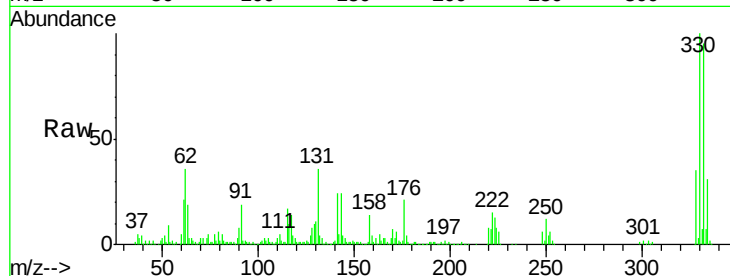




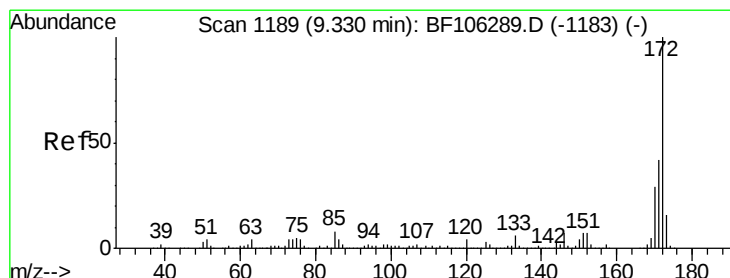
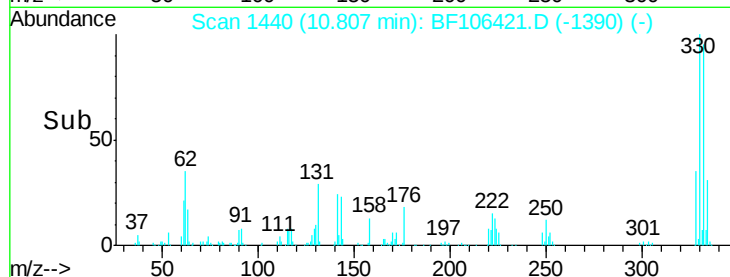
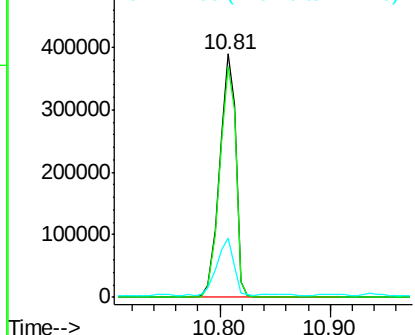
#41
 2,4,6-Tribromophenol
 Concen: 151.009 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106421.D
 Acq: 14 Jun 2018 5:16

Instrument :
 BNA_F
 ClientSampled :
 W-12

Tot Ion:330 Resp: 395159
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 24.3 29.9 44.9#

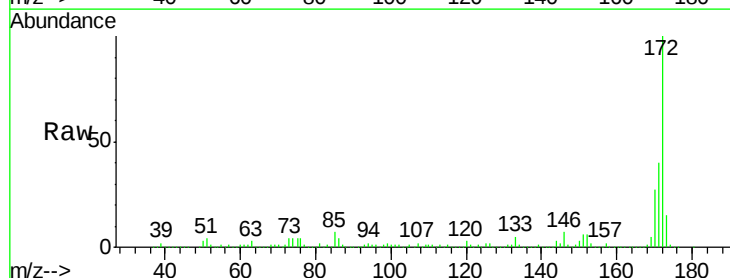


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

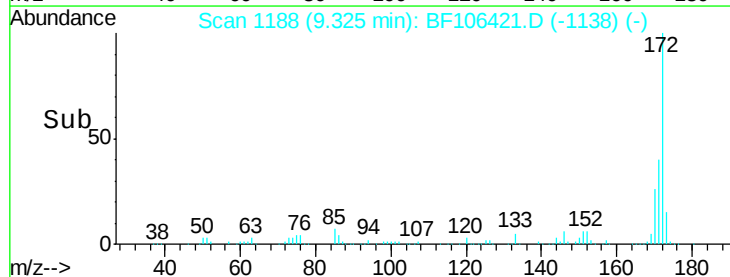
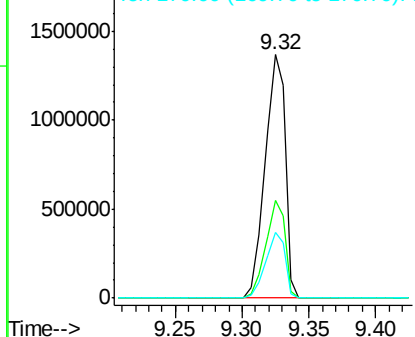


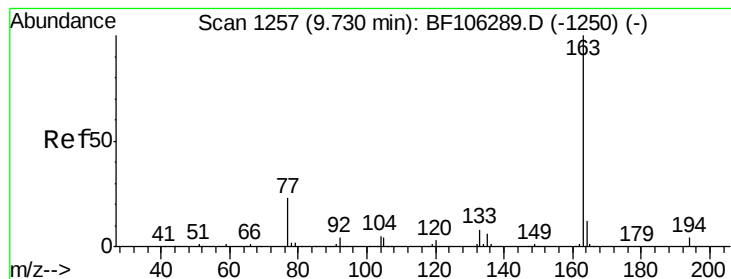
#44
 2-Fluorobiphenyl
 Concen: 97.617 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106421.D
 Acq: 14 Jun 2018 5:16

Tgt Ion:172 Resp: 1427818
 Ion Ratio Lower Upper
 172 100
 171 40.1 29.7 44.5
 170 26.9 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: 2.530 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106421.D

Acq: 14 Jun 2018 5:16

Instrument :

BNA_F

ClientSampleId :

W-12

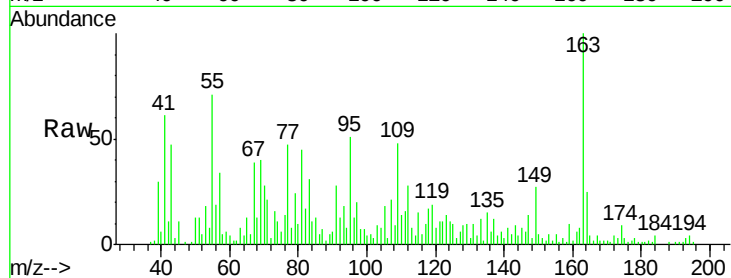
Tot Ion:163 Resp: 49159

Ion Ratio Lower Upper

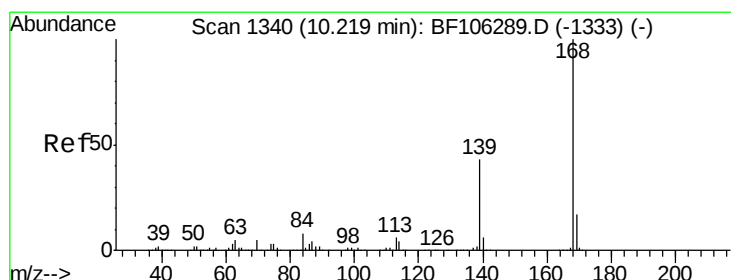
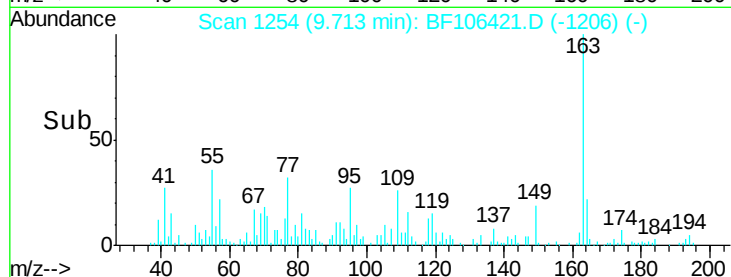
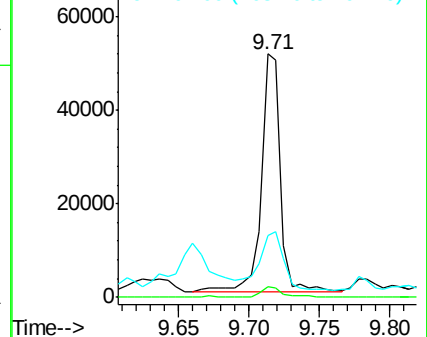
163 100

194 4.5 2.7 4.1#

164 25.3 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



#54

Dibenzofuran

Concen: 2.186 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF106421.D

Acq: 14 Jun 2018 5:16

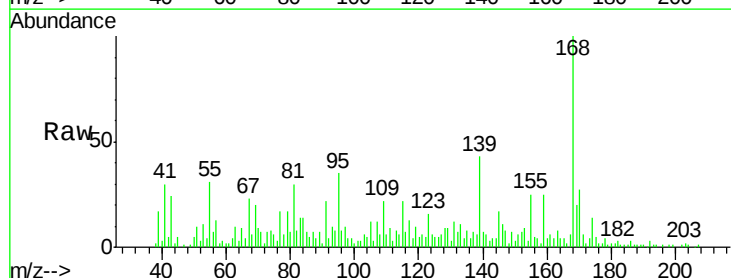
Tgt Ion:168 Resp: 49053

Ion Ratio Lower Upper

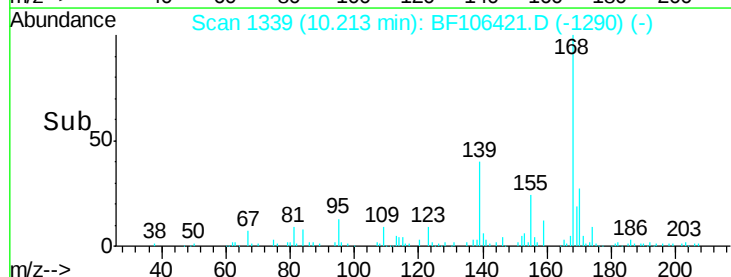
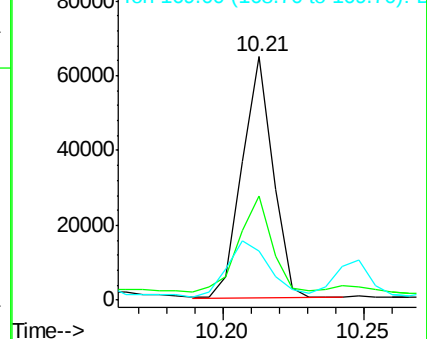
168 100

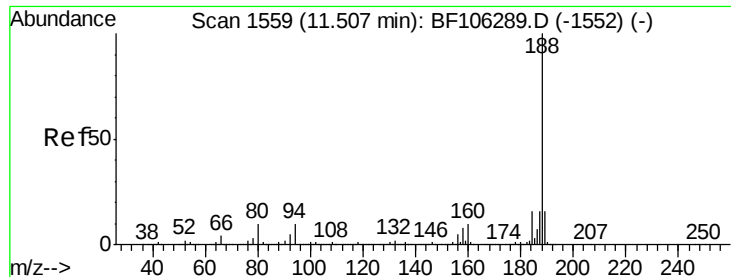
139 42.9 30.1 45.1

169 20.2 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

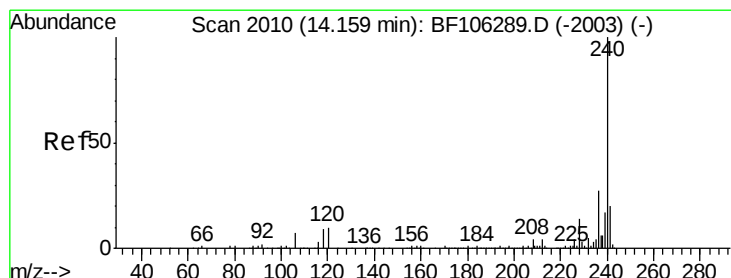
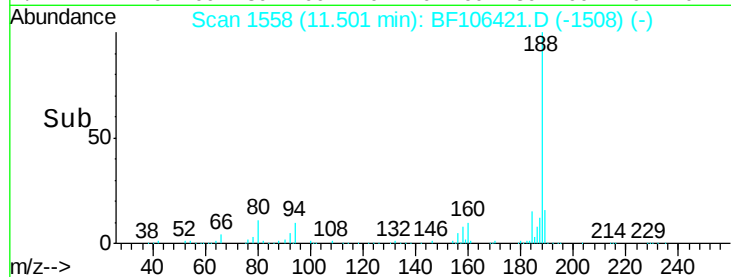
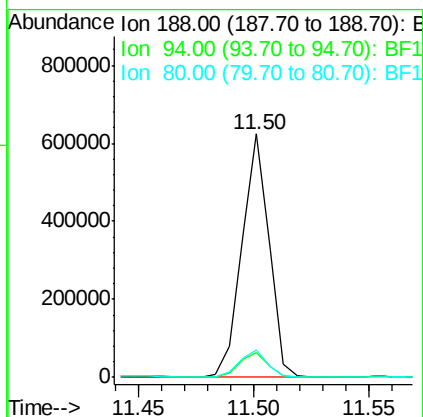
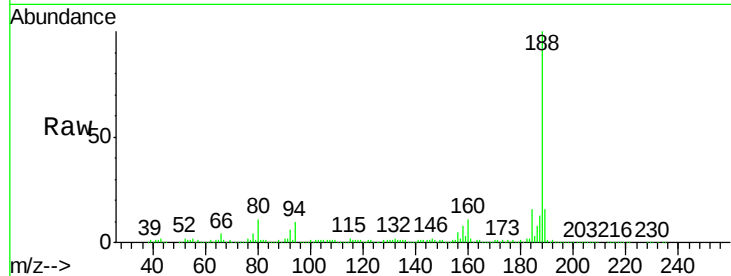




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

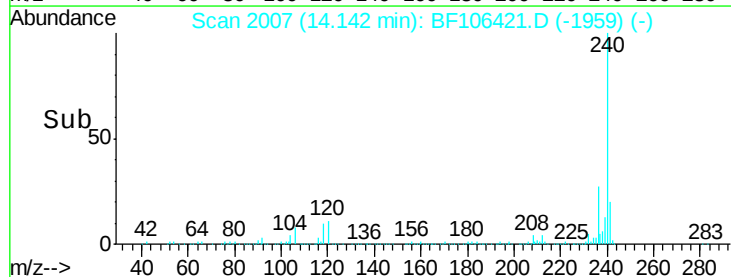
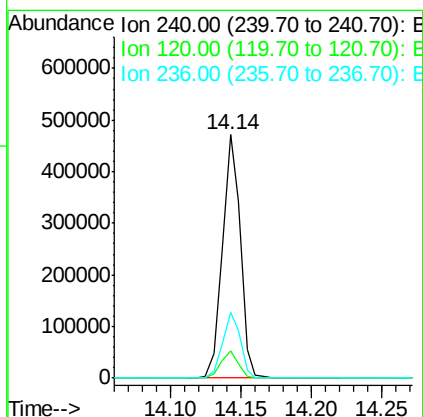
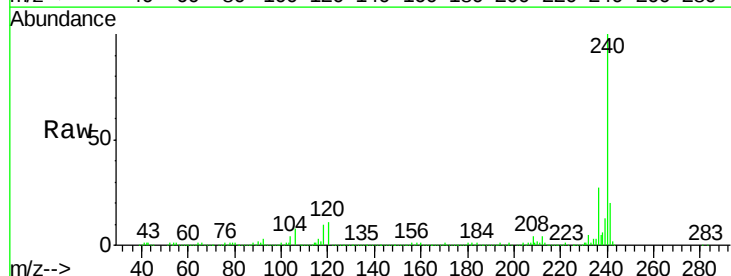
Instrument :
BNA_F
ClientSampleId :
W-12

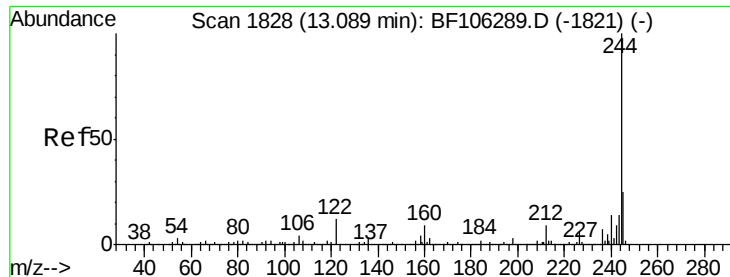
Tot Ion:188 Resp: 510435
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106421.D
Acq: 14 Jun 2018 5:16

Tgt Ion:240 Resp: 414679
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 27.2 20.7 31.1





#78

Terphenyl-d14

Concen: 85.834 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106421.D

Acq: 14 Jun 2018 5:16

Instrument :

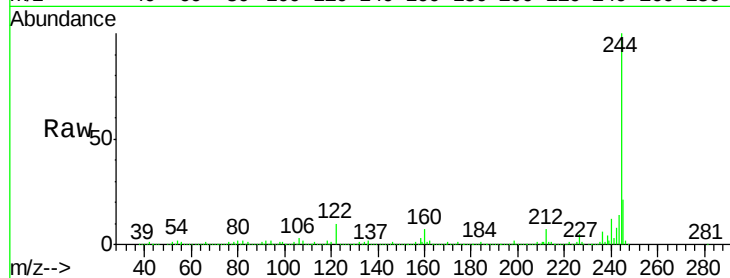
BNA_F

ClientSampleId :

W-12

Tot Ion:244 Resp: 1433035

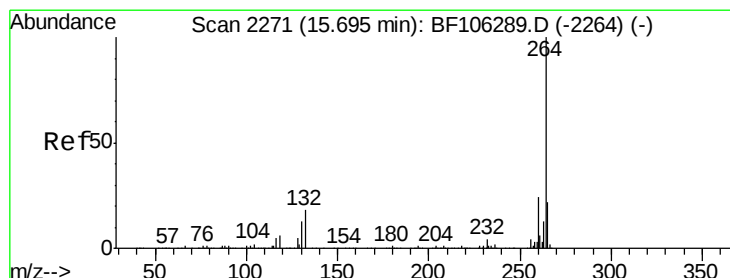
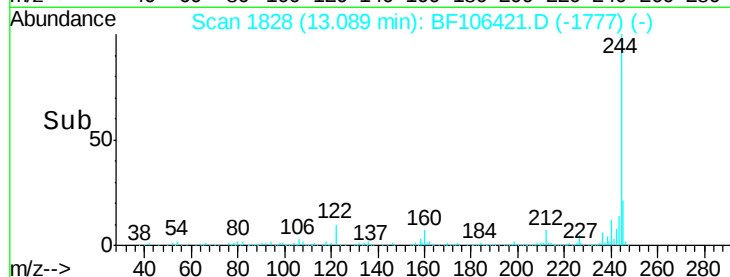
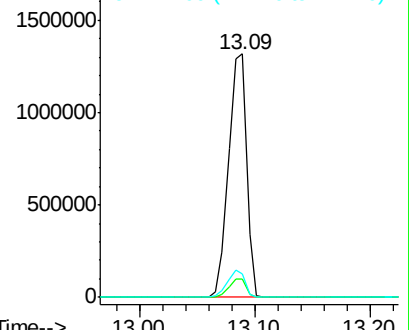
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.6	11.0	16.4



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: 15.67 min Scan# 2267

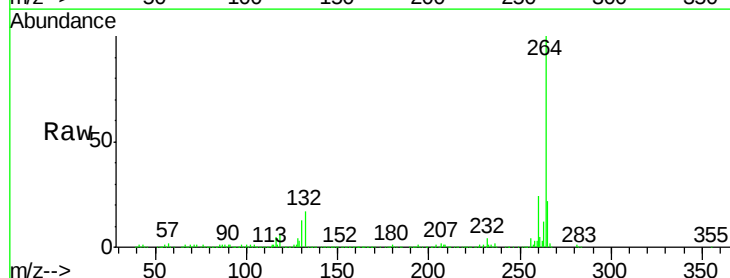
Delta R.T. -0.02 min

Lab File: BF106421.D

Acq: 14 Jun 2018 5:16

Tgt Ion:264 Resp: 393799

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	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

