

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106527.D
 Acq On : 18 Jun 2018 10:03
 Operator : JU/SJ
 Sample : PB110285BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Quant Time: Jun 19 02:08:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123351	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	471915	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	234171	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	494795	20.00	ng	0.00
75) Chrysene-d12	14.15	240	457281	20.00	ng	0.00
86) Perylene-d12	15.69	264	337443	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	858472	117.79	ng	0.00
7) Phenol-d6	6.61	99	1040809	113.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	736818	91.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	357298	158.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1265881	102.15	ng	0.00
78) Terphenyl-d14	13.09	244	1576624	85.64	ng	0.00

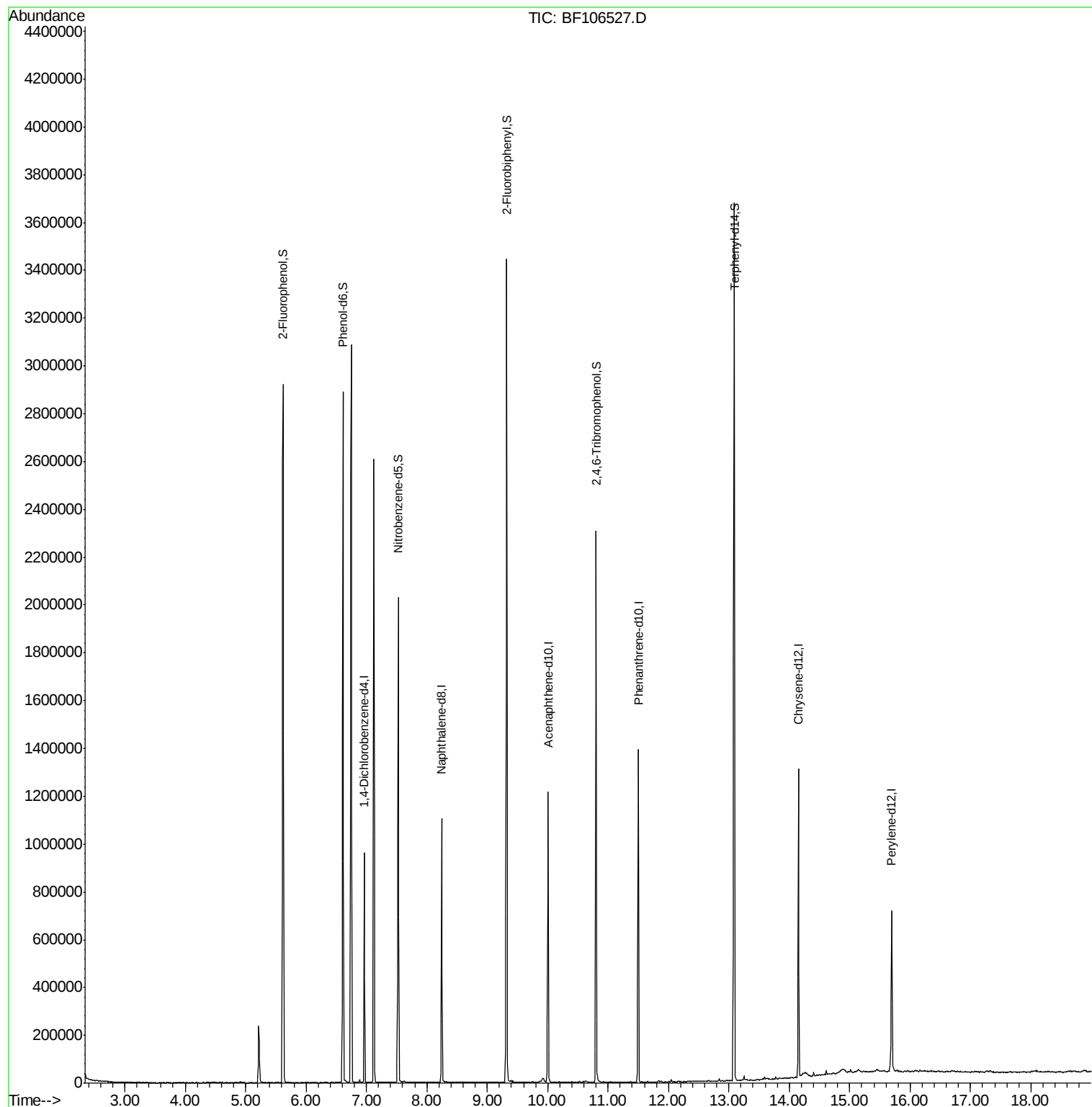
Target Compounds Qvalue

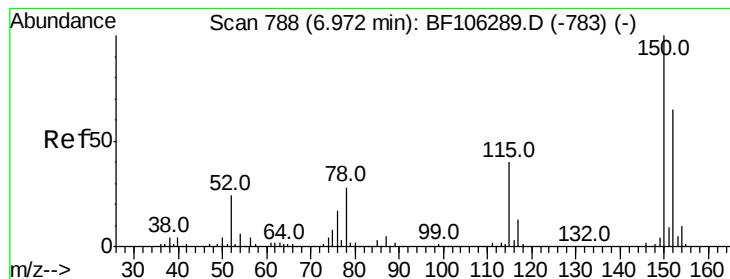
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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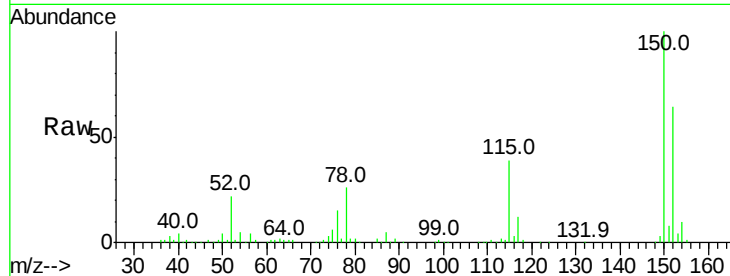


#1

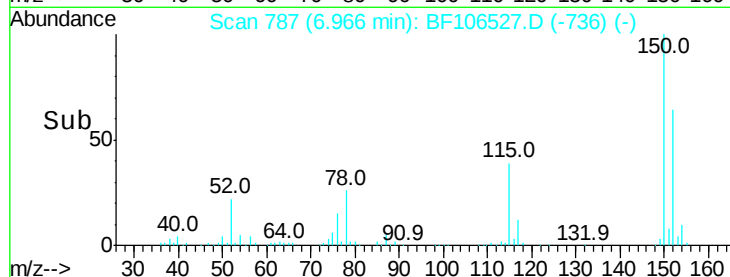
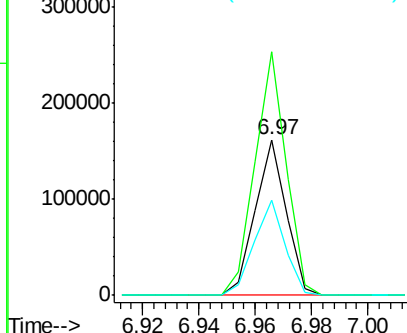
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110285BL

Tot Ion:152 Resp: 123351
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.2 50.1 75.1



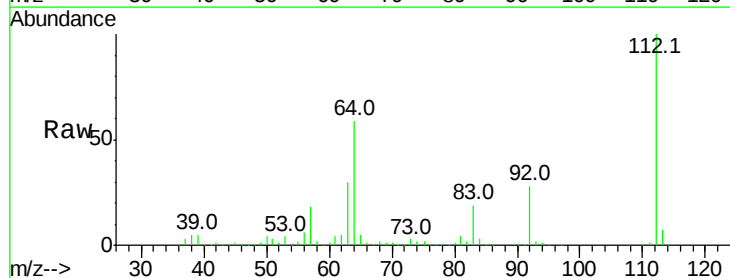
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



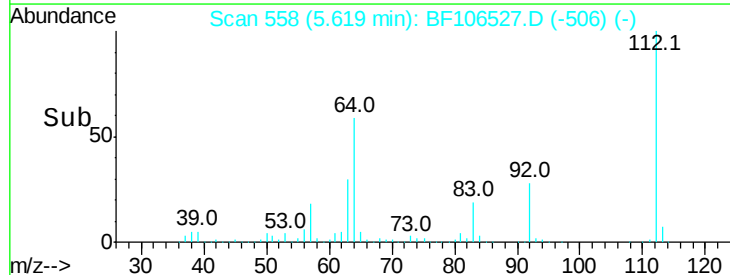
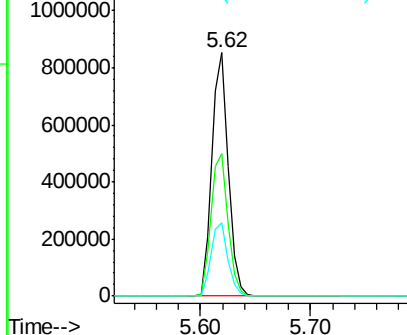
#5

2-Fluorophenol
Concen: 117.791 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Tgt Ion:112 Resp: 858472
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 30.0 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: 113.035 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110285BL

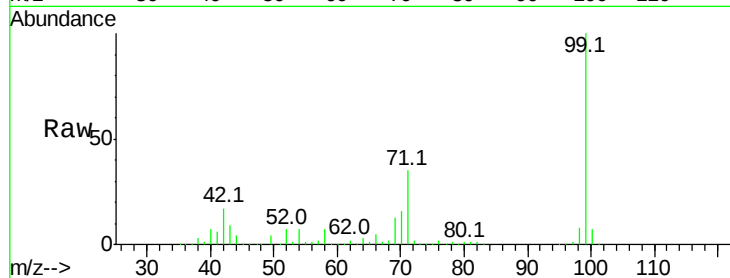
Tot Ion: 99 Resp: 1040809

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

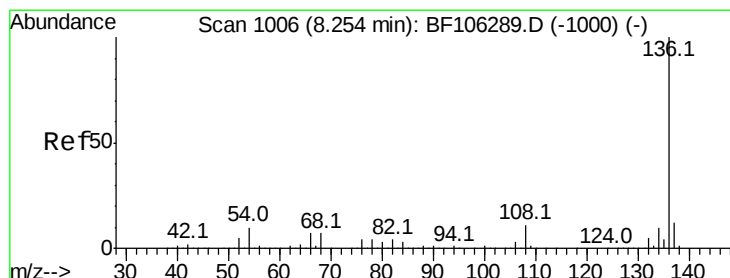
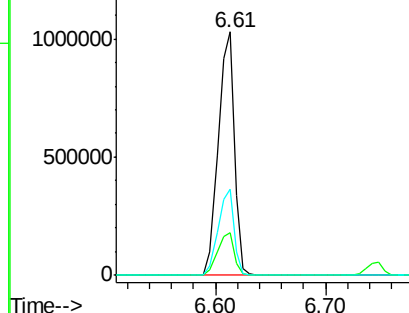
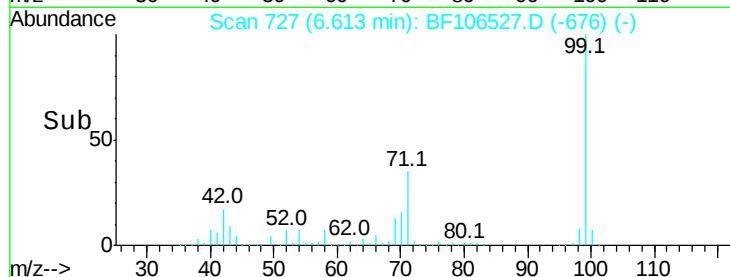
71 35.2 25.4 38.0



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. 0.00 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

Tgt Ion: 136 Resp: 471915

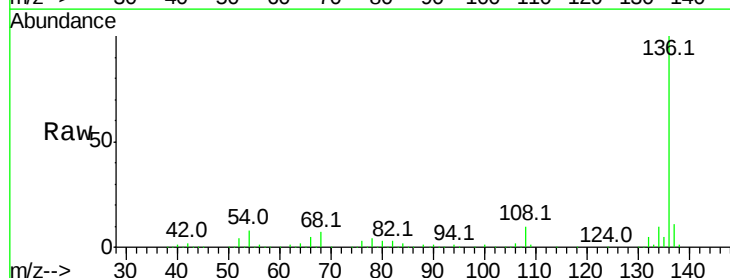
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 6.6 5.0 7.4

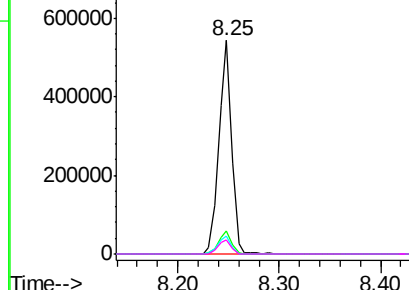
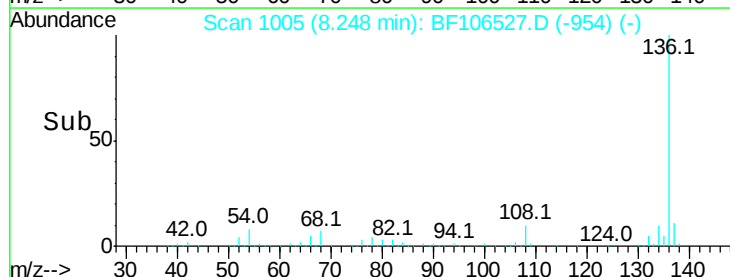


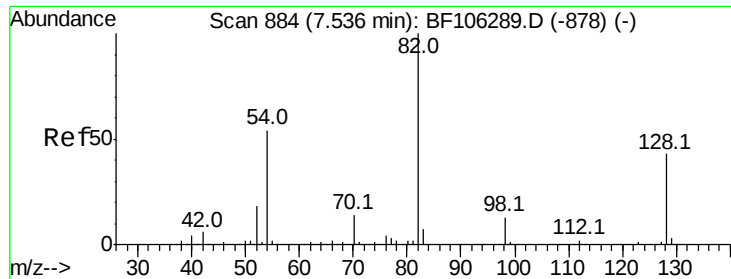
Abundance Ion 136.00 (135.70 to 136.70): E

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



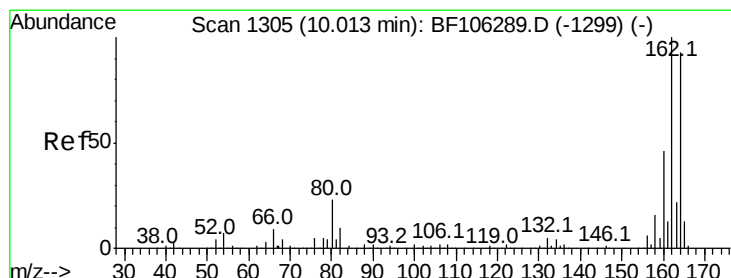
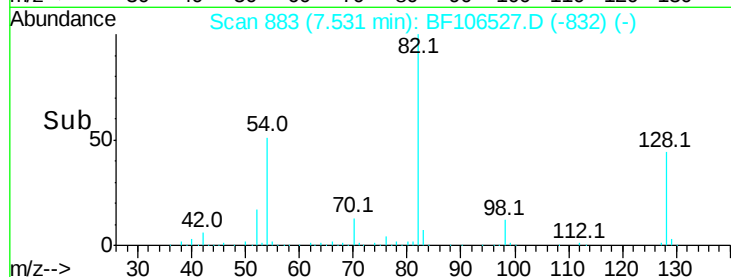
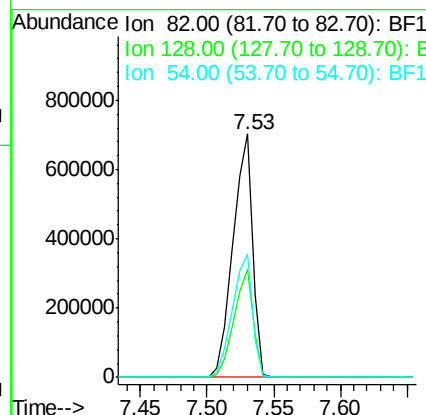
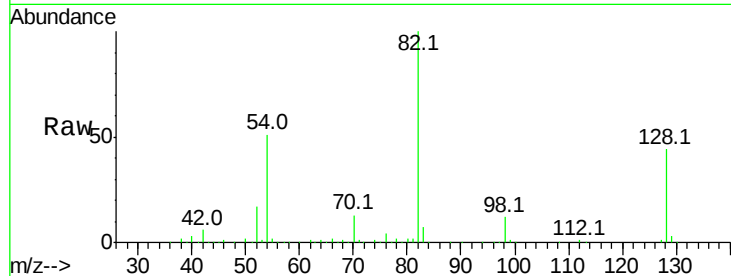


#23
 Nitrobenzene-d5
 Concen: 91.851 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Tot Ion: 82 Resp: 736818

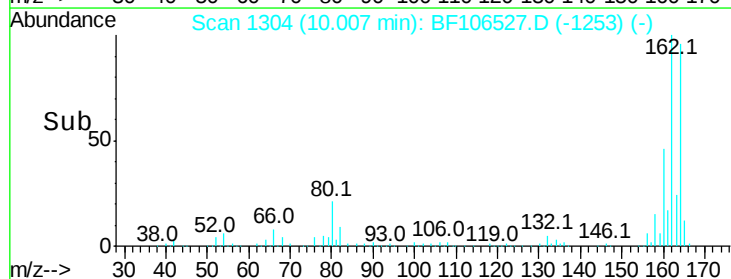
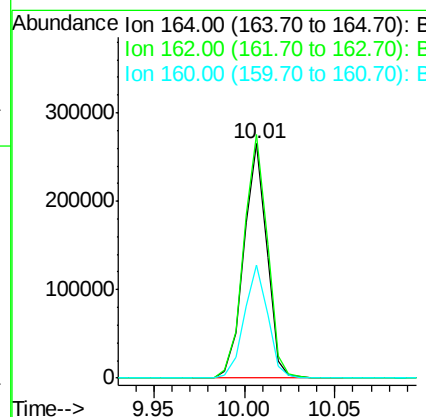
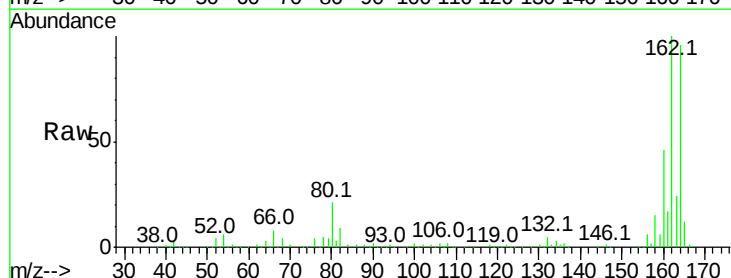
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	50.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion: 164 Resp: 234171

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.1	38.3	57.5

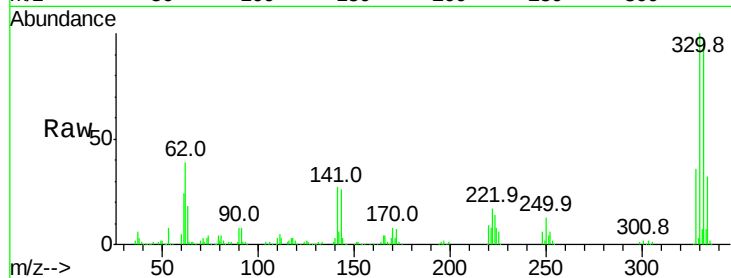




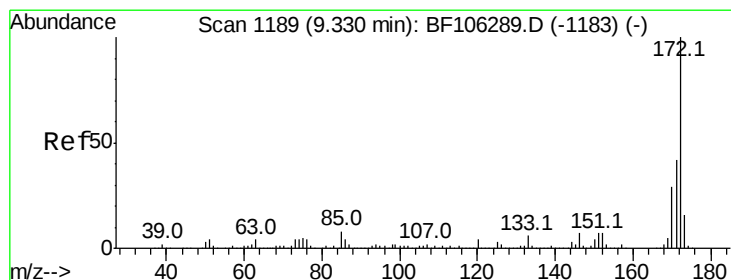
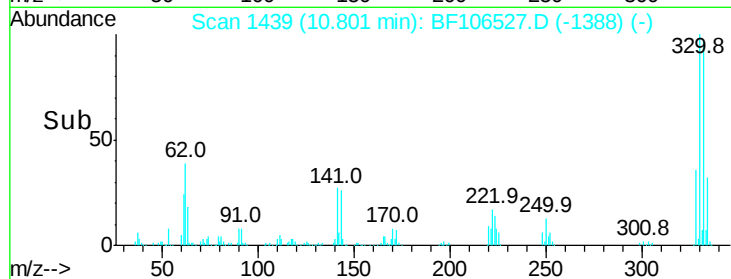
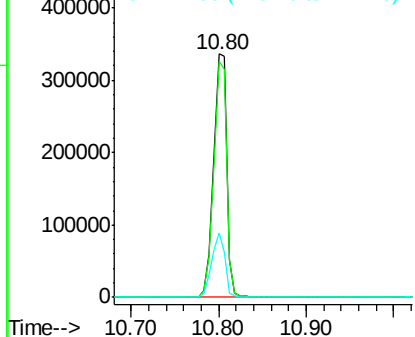
#41
 2,4,6-Tribromophenol
 Concen: 158.578 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110285BL

Tot Ion:330 Resp: 357298
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 26.5 29.9 44.9#

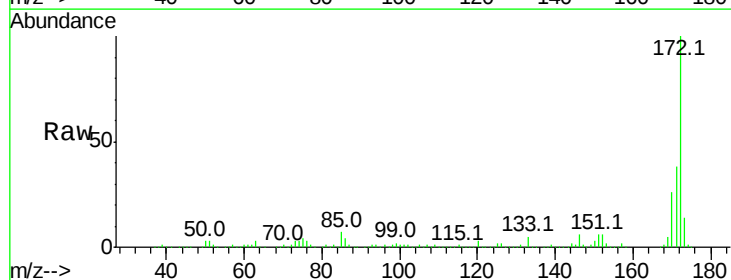


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

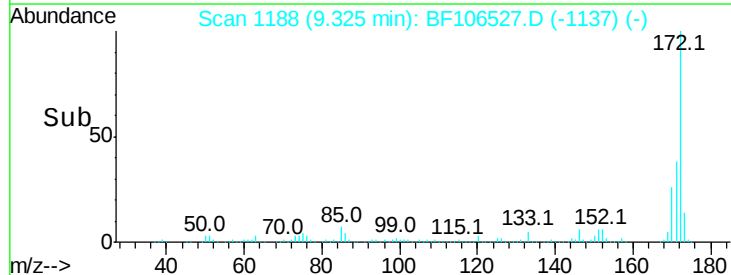
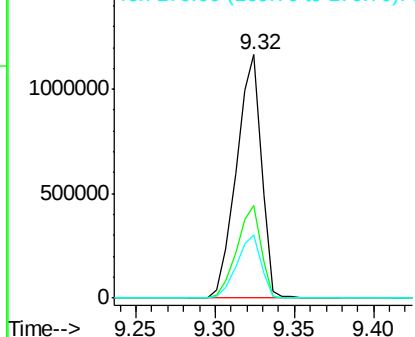


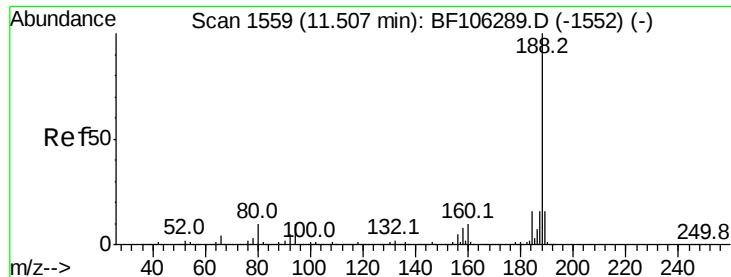
#44
 2-Fluorobiphenyl
 Concen: 102.153 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106527.D
 Acq: 18 Jun 2018 10:03

Tgt Ion:172 Resp: 1265881
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 26.0 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

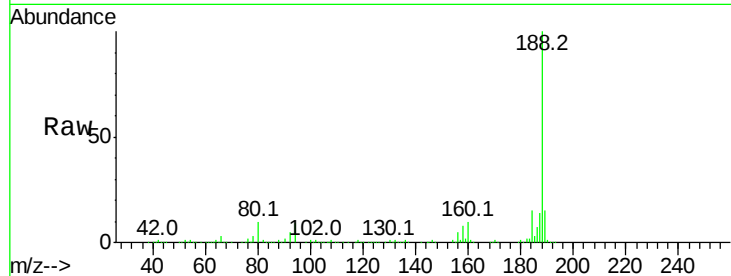




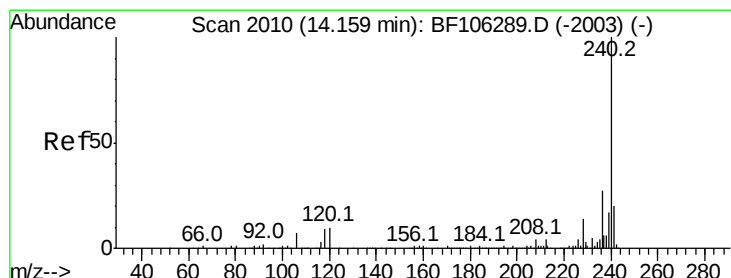
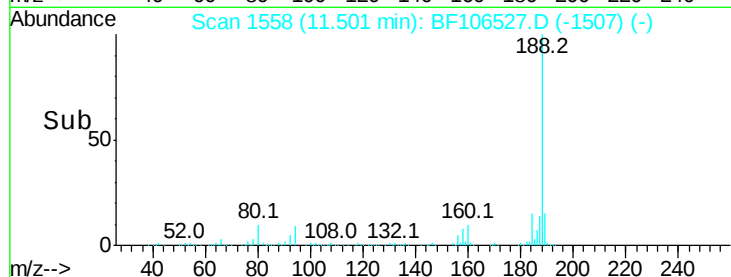
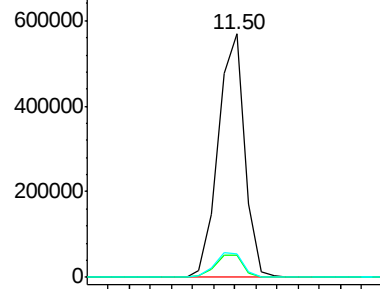
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110285BL

Tot Ion:188 Resp: 494795
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8

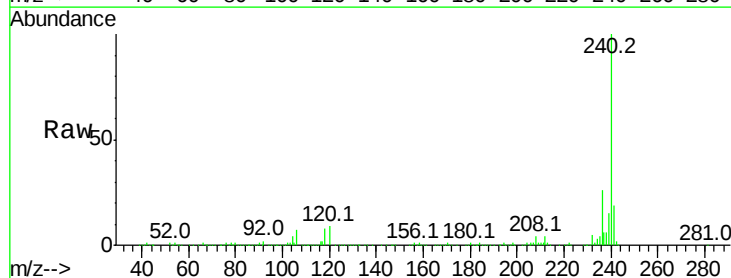


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

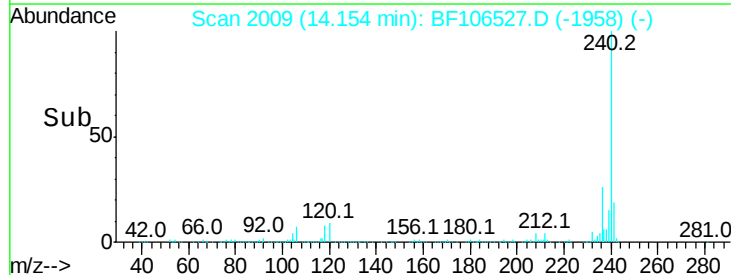
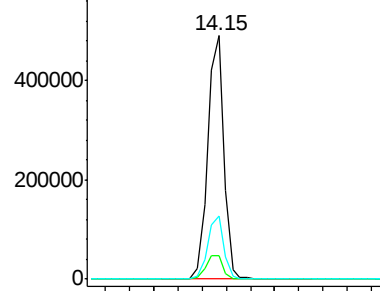


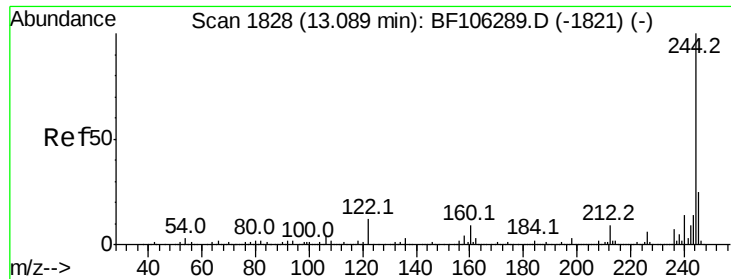
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106527.D
Acq: 18 Jun 2018 10:03

Tgt Ion:240 Resp: 457281
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 26.1 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: 85.636 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110285BL

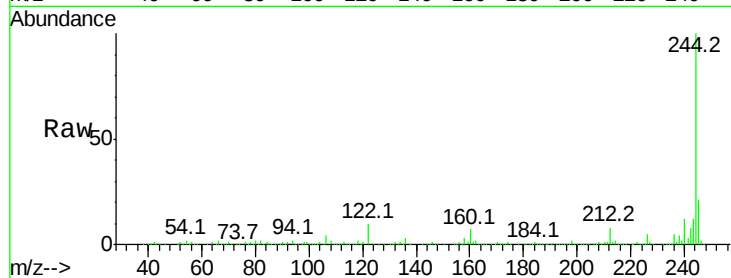
Tot Ion:244 Resp: 1576624

Ion Ratio Lower Upper

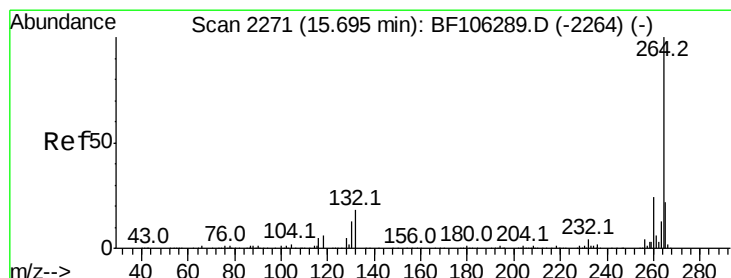
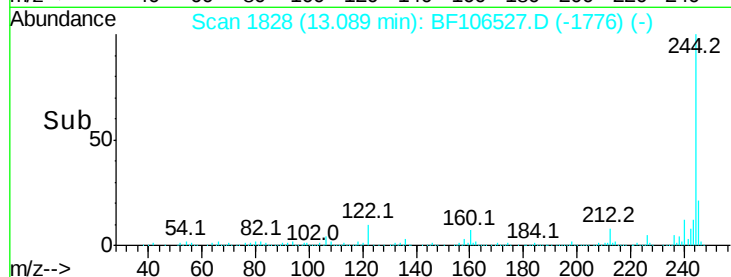
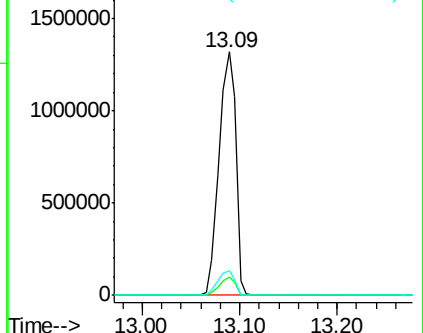
244 100

212 7.5 5.4 8.0

122 10.0 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: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF106527.D

Acq: 18 Jun 2018 10:03

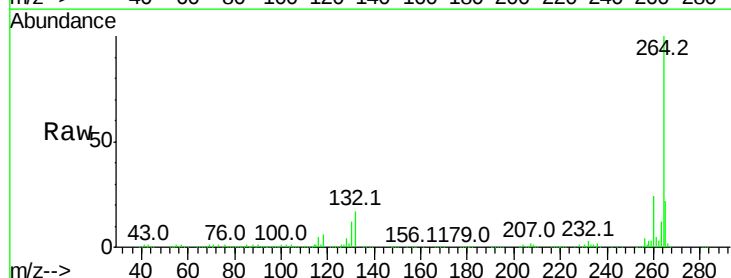
Tgt Ion:264 Resp: 337443

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

