

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106916.D
 Acq On : 28 Jun 2018 13:16
 Operator : JU/SJ
 Sample : PB110625BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BL

Quant Time: Jun 28 16:22:06 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	74887	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	282211	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	152354	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	321468	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	281139	20.00	ng	-0.02
86) Perylene-d12	15.69	264	202745	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	596354	134.85	ng	0.00
7) Phenol-d6	6.60	99	749049	135.63	ng	-0.01
23) Nitrobenzene-d5	7.52	82	486614	95.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	279345	158.20	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	918413	105.61	ng	-0.01
78) Terphenyl-d14	13.08	244	1186891	102.26	ng	0.00

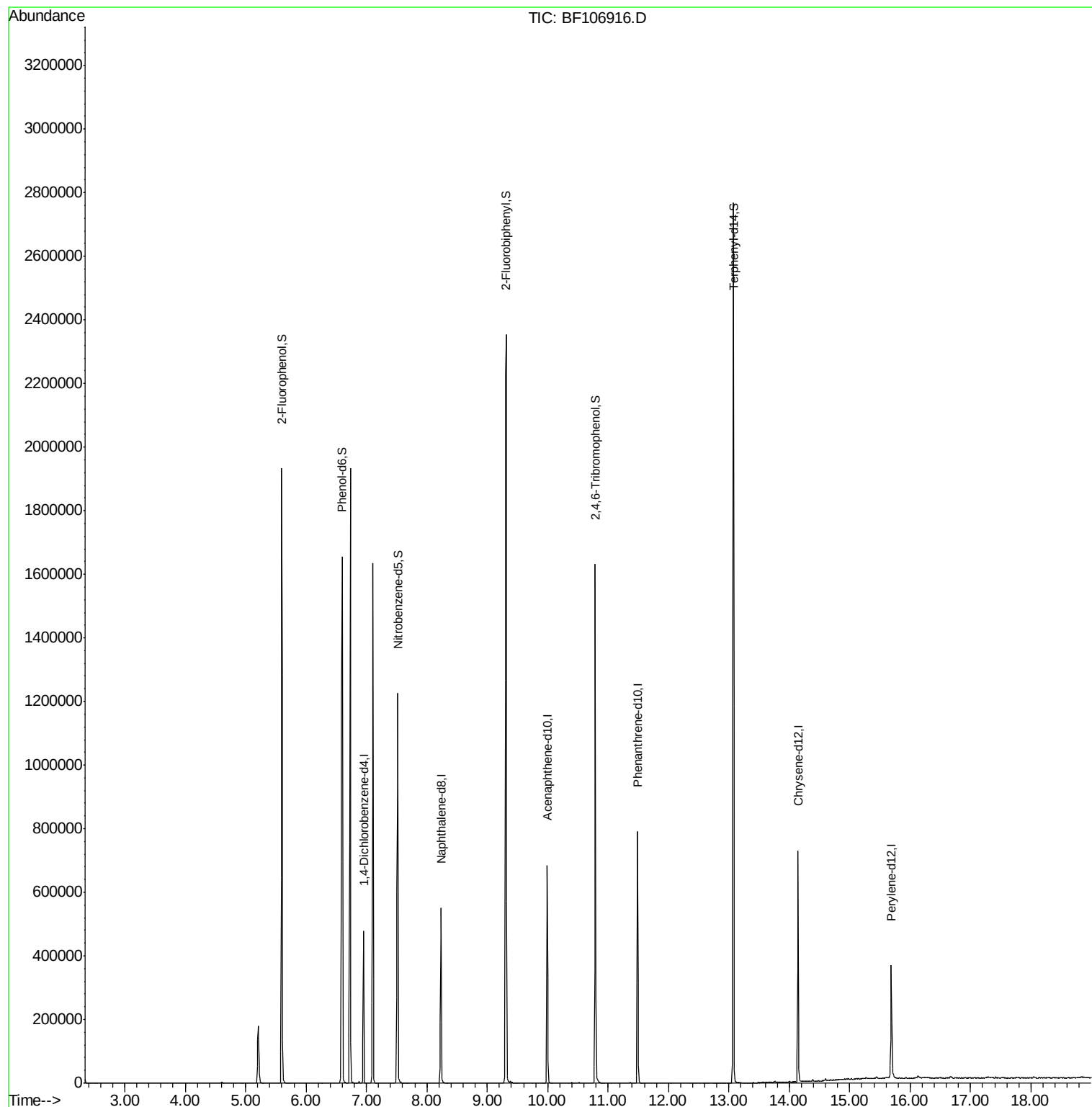
Target Compounds Qvalue

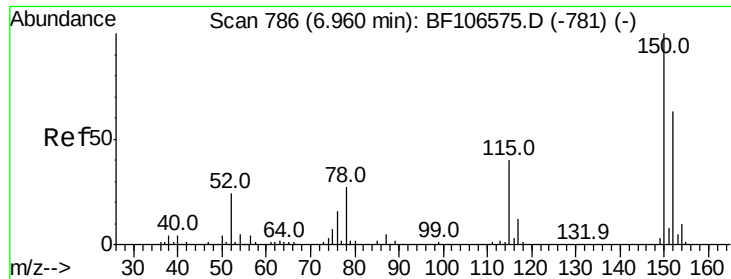
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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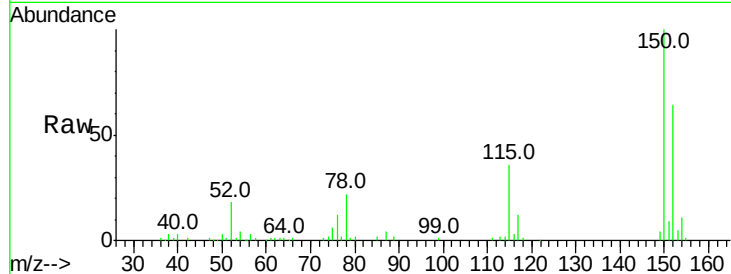


#1

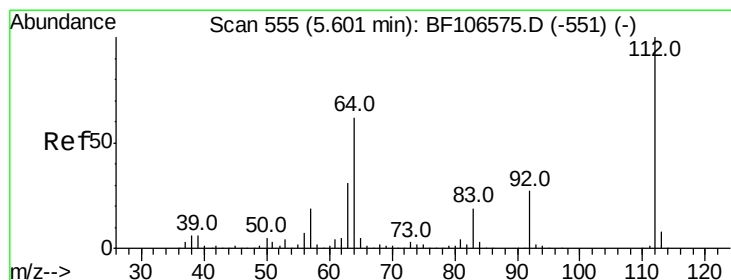
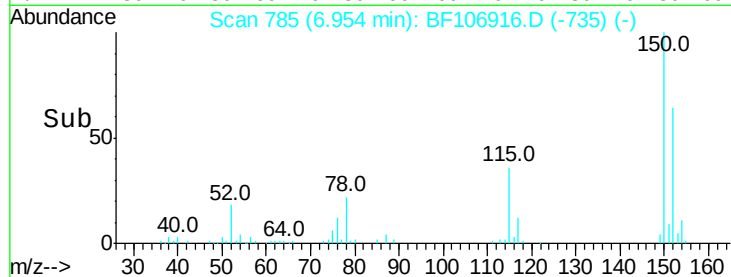
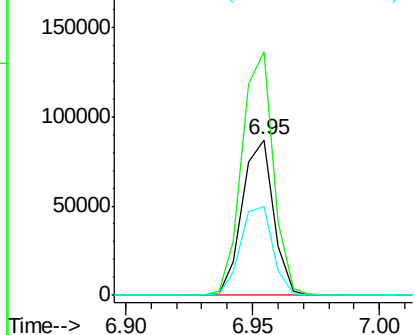
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106916.D
Acq: 28 Jun 2018 13:16

Instrument :
BNA_F
ClientSampleId :
PB110625BL

Tot Ion:152 Resp: 74887
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.5 50.1 75.1



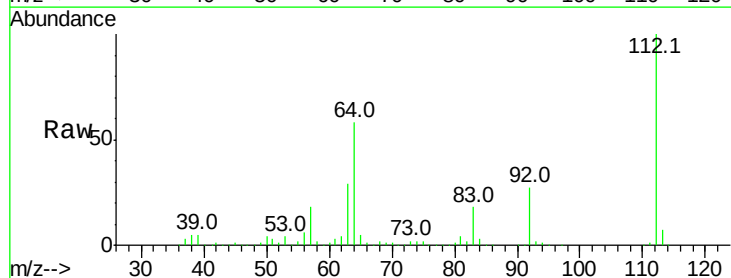
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



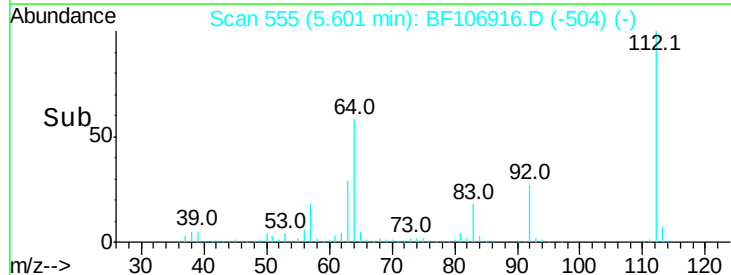
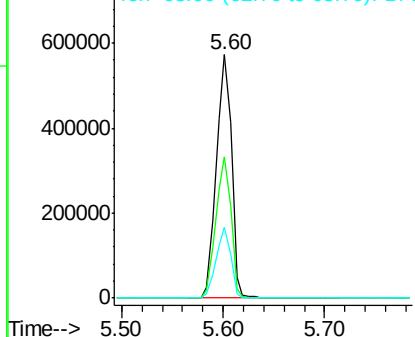
#5

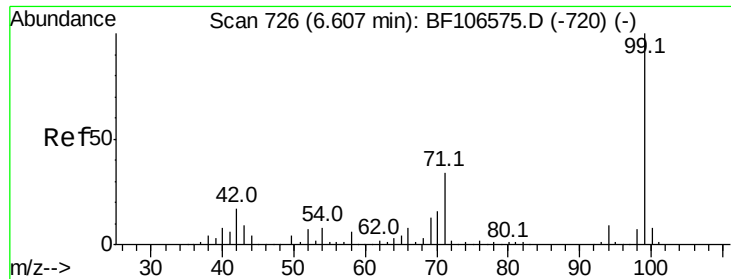
2-Fluorophenol
Concen: 134.845 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106916.D
Acq: 28 Jun 2018 13:16

Tgt Ion:112 Resp: 596354
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 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: 135.627 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106916.D

Acq: 28 Jun 2018 13:16

Instrument :

BNA_F

ClientSampleId :

PB110625BL

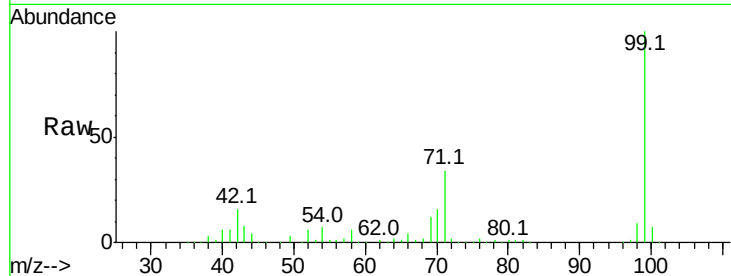
Tot Ion: 99 Resp: 749049

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

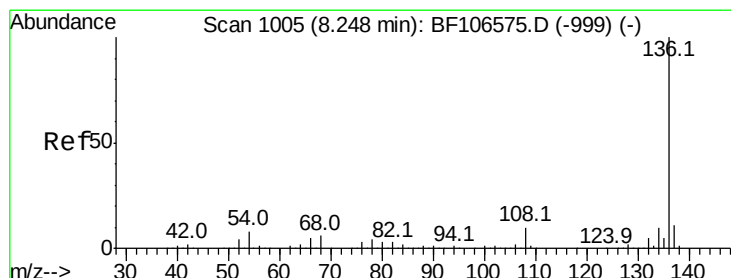
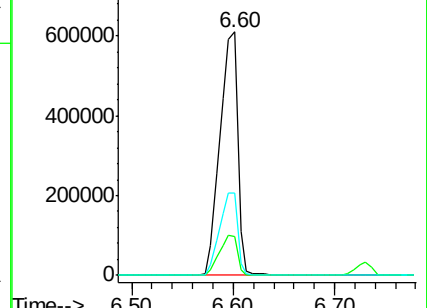
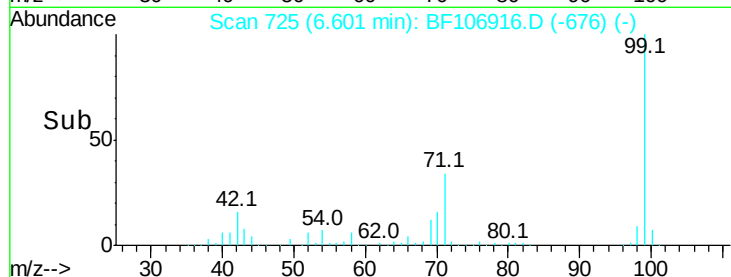
71 34.0 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106916.D

Acq: 28 Jun 2018 13:16

Tgt Ion: 136 Resp: 282211

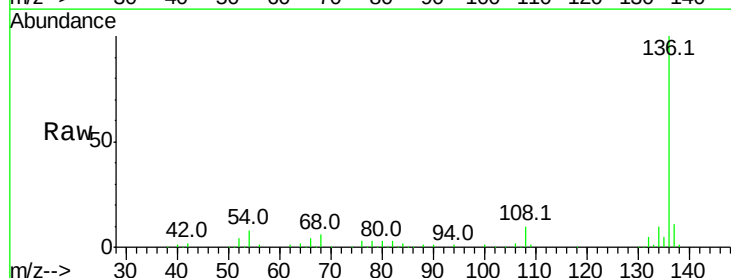
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 5.8 5.0 7.4

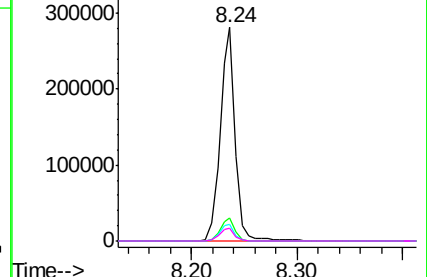
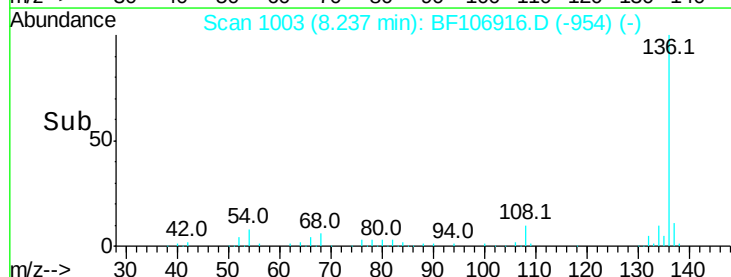


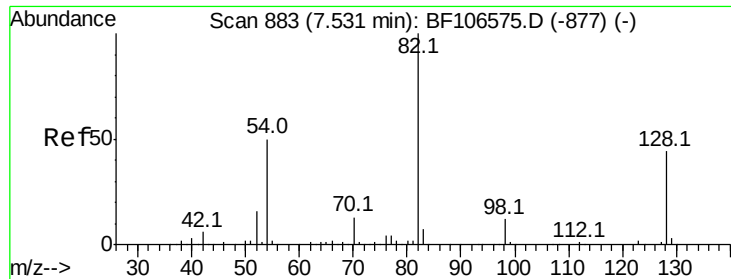
Abundance Ion 136.00 (135.70 to 136.70): E

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

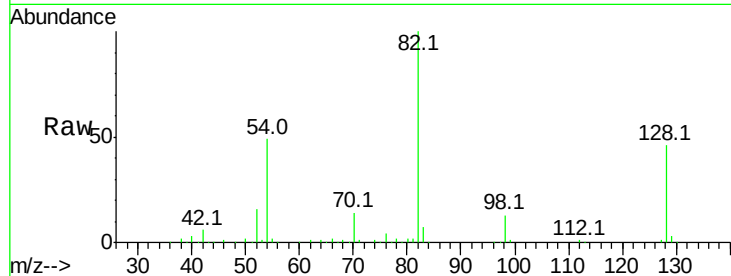




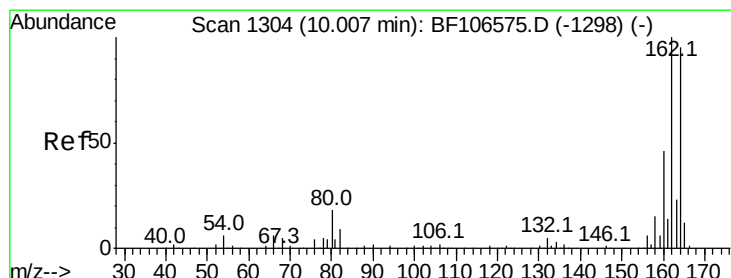
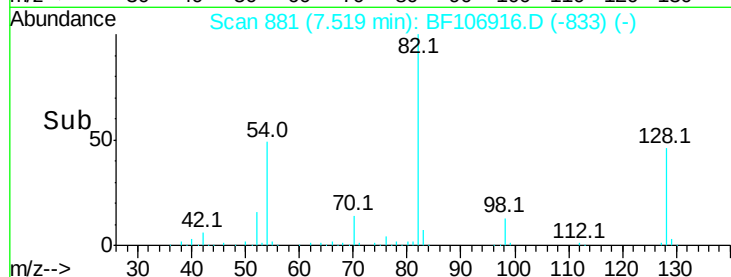
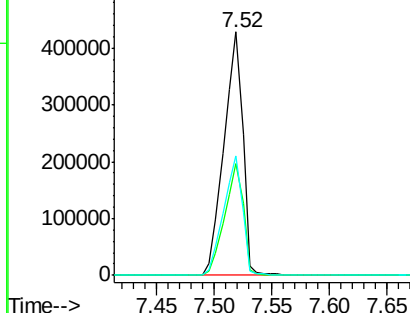
#23
 Nitrobenzene-d5
 Concen: 95.825 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BL

Tot Ion	82	Resp	486614
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	49.0	41.4	62.2

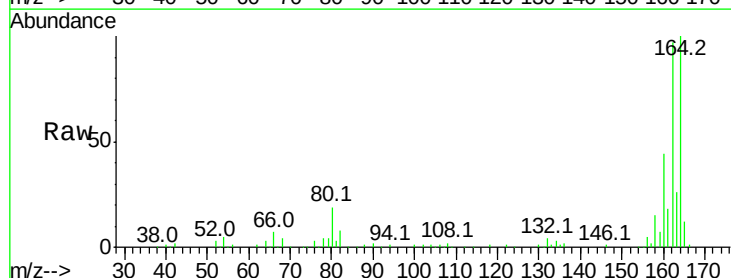


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

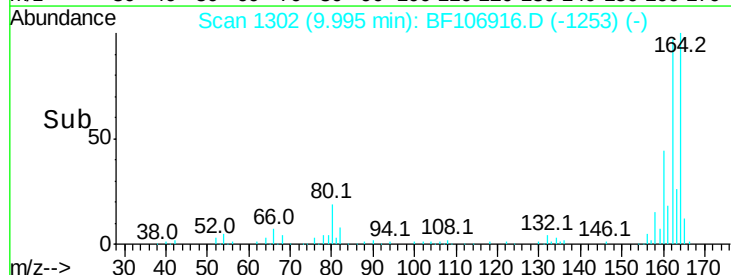
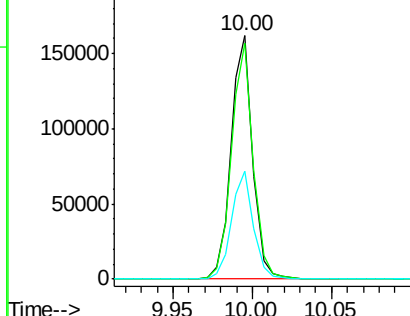


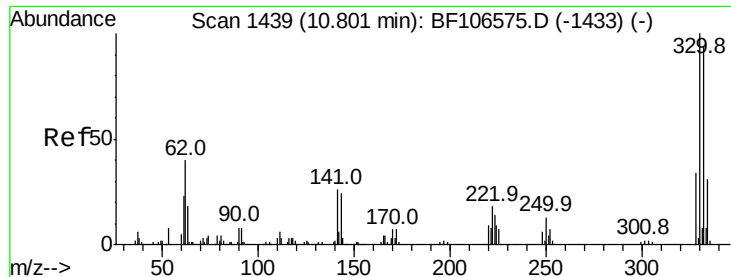
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

Tgt Ion	164	Resp	152354
Ion Ratio	Lower	Upper	
164	100		
162	96.9	86.1	129.1
160	44.4	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

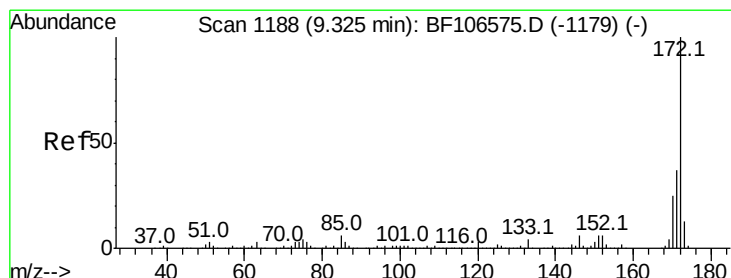
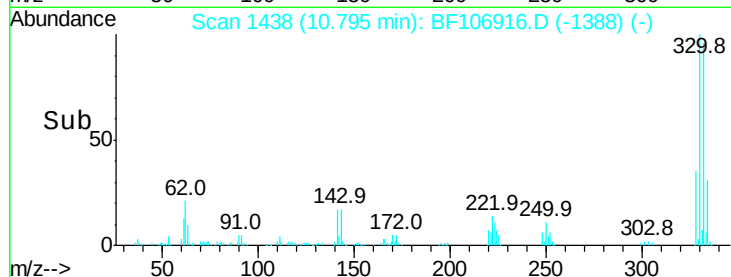
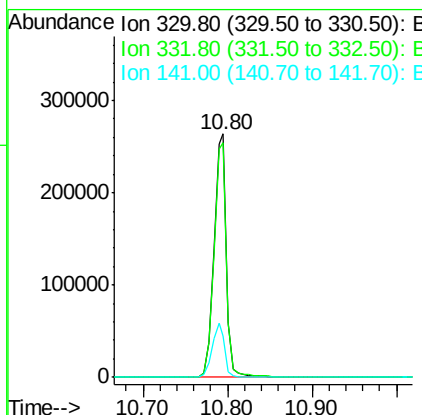
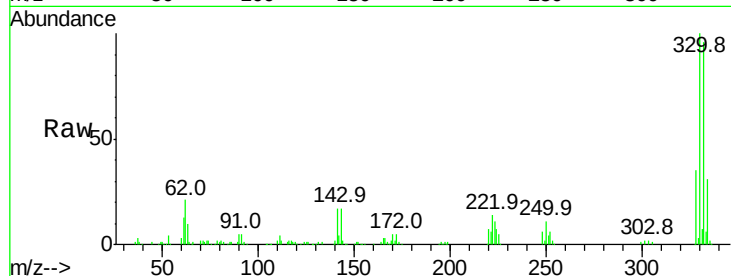




#41
 2,4,6-Tribromophenol
 Concen: 158.195 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

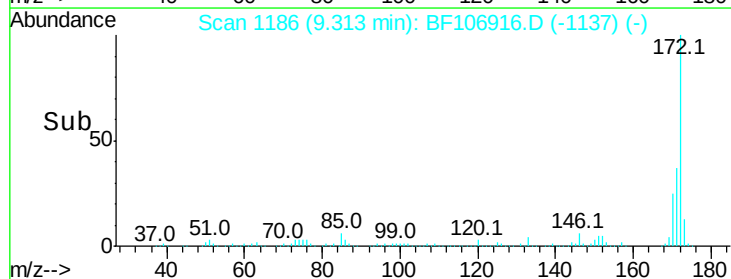
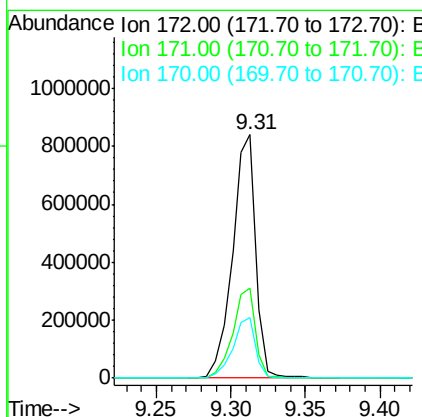
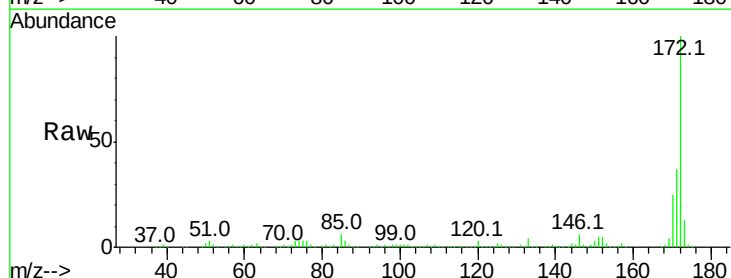
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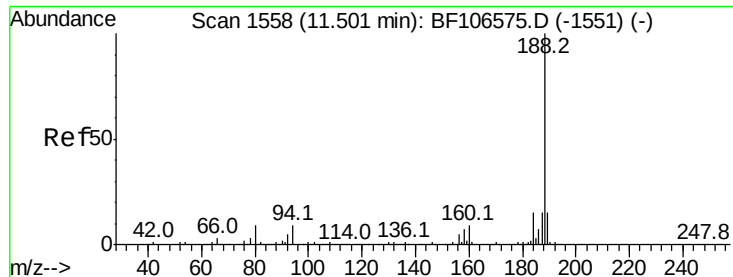
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	22.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 105.611 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	19.6	29.4

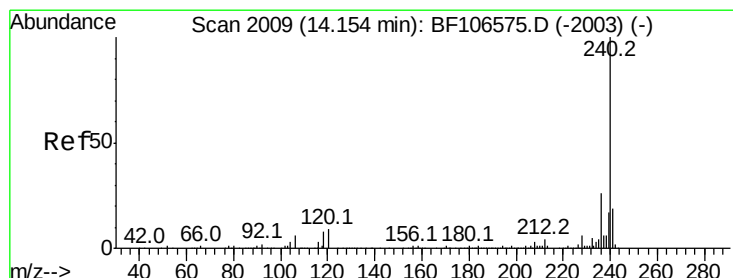
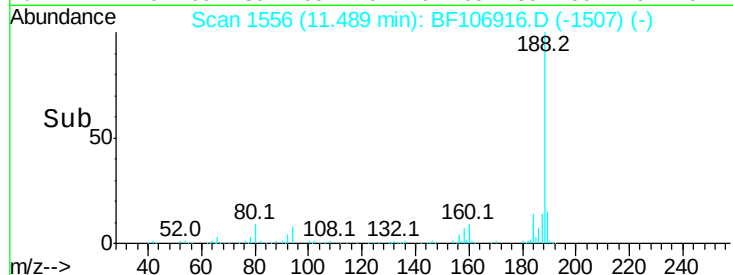
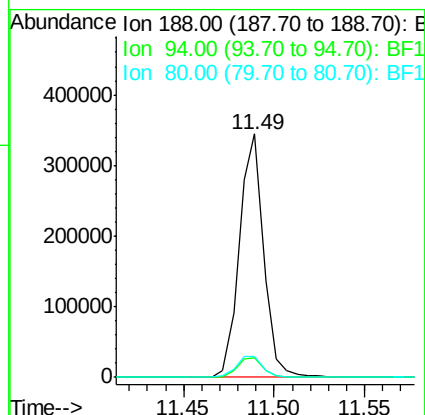
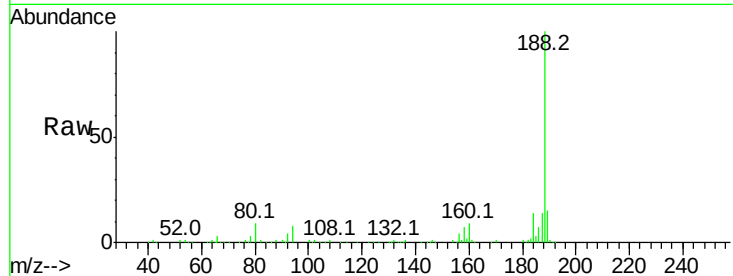




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106916.D
Acq: 28 Jun 2018 13:16

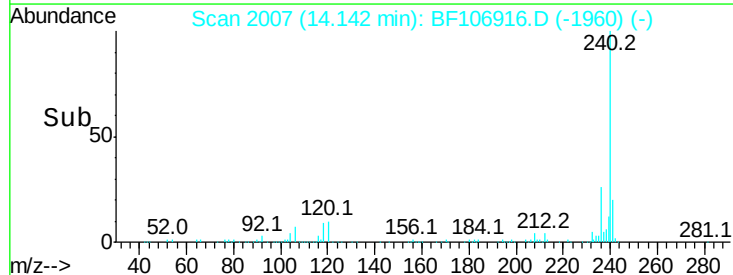
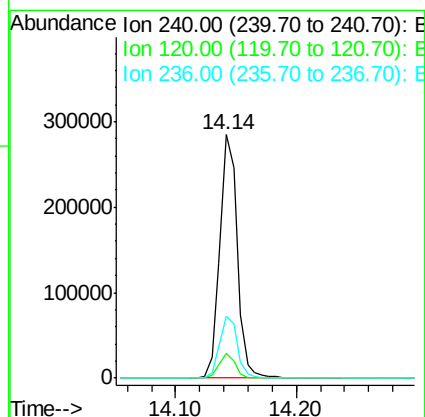
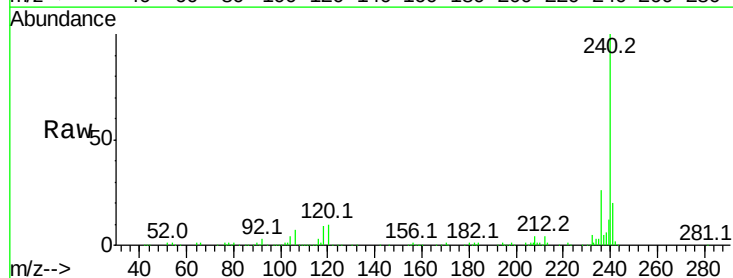
Instrument :
BNA_F
ClientSampleId :
PB110625BL

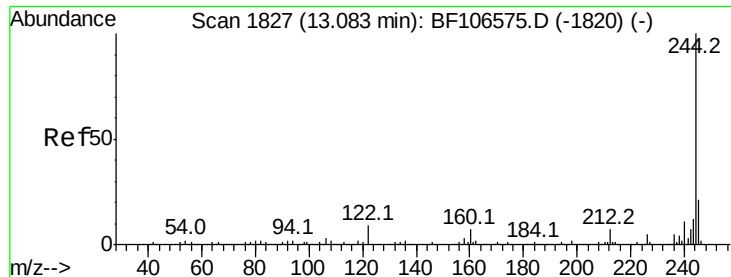
Tot Ion:188 Resp: 321468
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106916.D
Acq: 28 Jun 2018 13:16

Tgt Ion:240 Resp: 281139
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 25.5 20.7 31.1

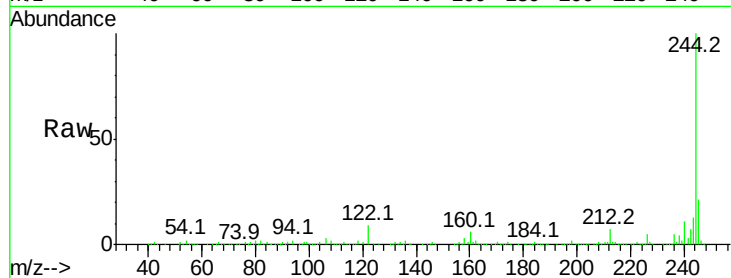




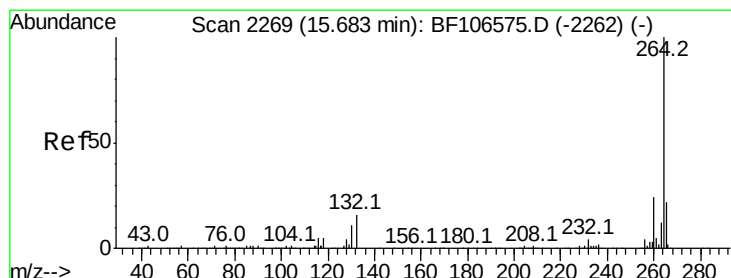
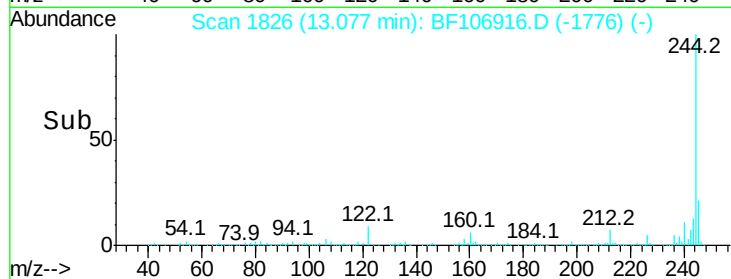
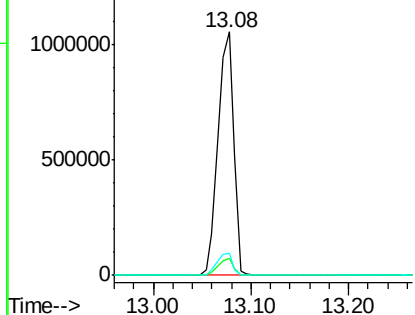
#78
 Terphenyl-d14
 Concen: 102.263 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BL

Tot Ion:244 Resp: 1186891
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.9 11.0 16.4#

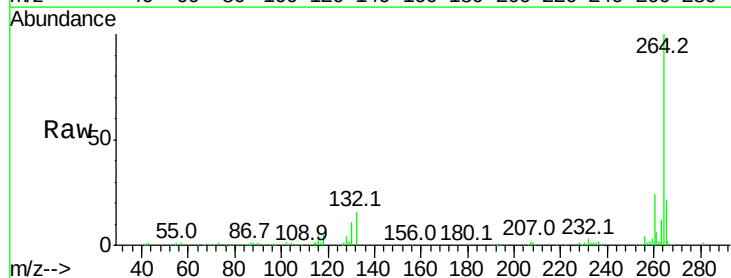


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106916.D
 Acq: 28 Jun 2018 13:16

Tgt Ion:264 Resp: 202745
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 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

