

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107328.D
 Acq On : 12 Jul 2018 4:27
 Operator : JU/SJ
 Sample : PB111003BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BL

Quant Time: Jul 12 07:35:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50562	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	180353	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	85838	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	168354	20.00	ng	0.00
75) Chrysene-d12	14.14	240	137406	20.00	ng	0.00
86) Perylene-d12	15.67	264	98417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	260980	87.40	ng	0.01
7) Phenol-d6	6.58	99	314591	84.37	ng	0.00
23) Nitrobenzene-d5	7.50	82	277809	85.60	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	81584	82.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	514120	104.82	ng	0.00
78) Terphenyl-d14	13.06	244	592562	104.46	ng	0.00

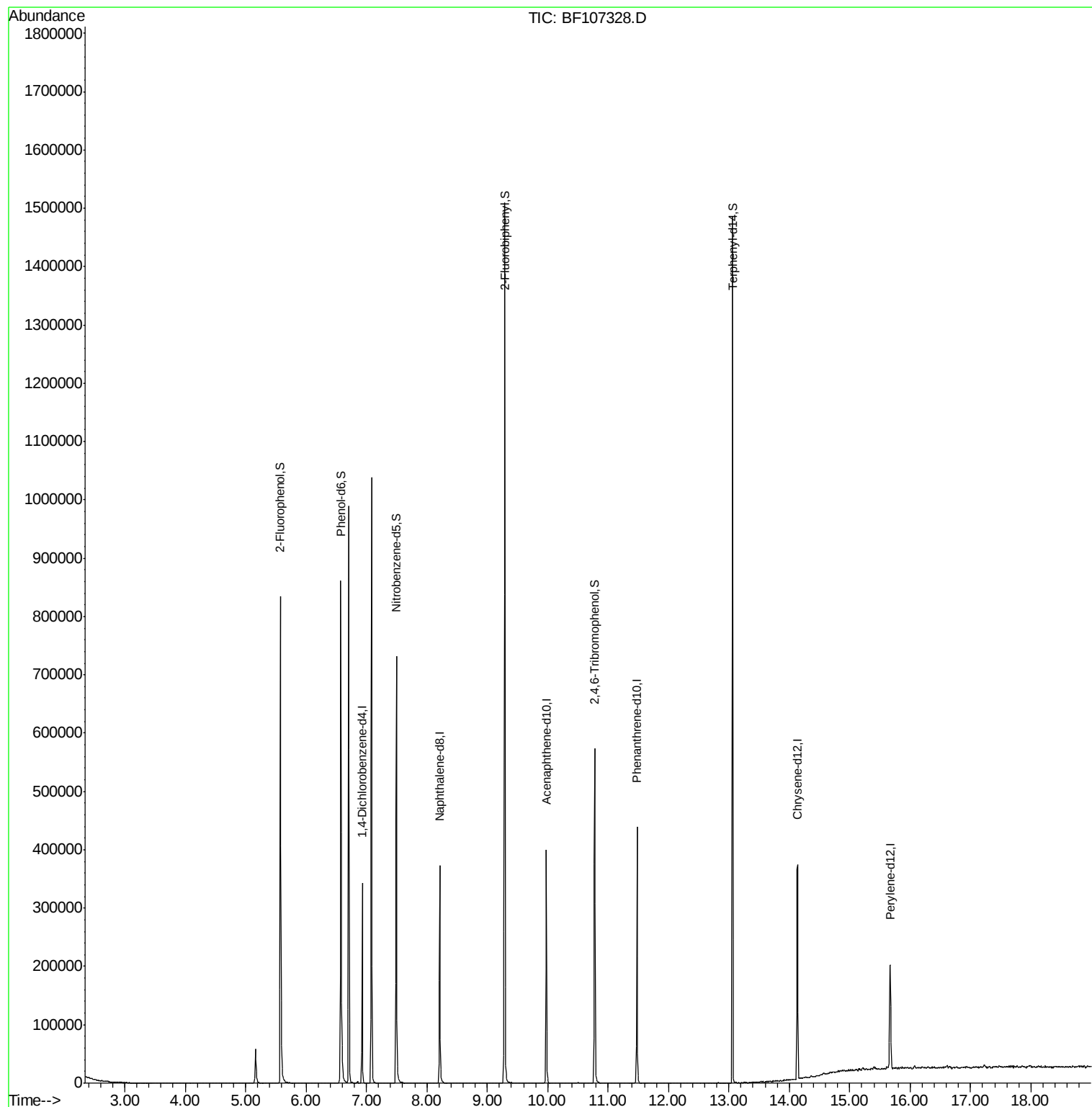
Target Compounds Qvalue

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

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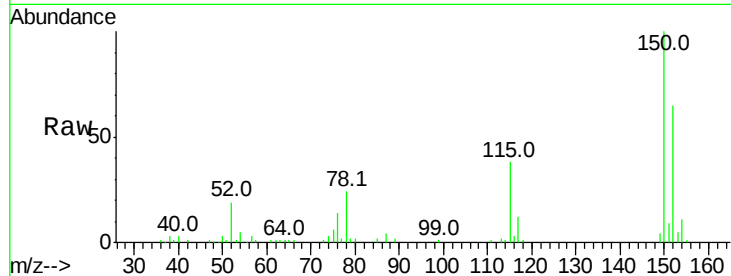


#1

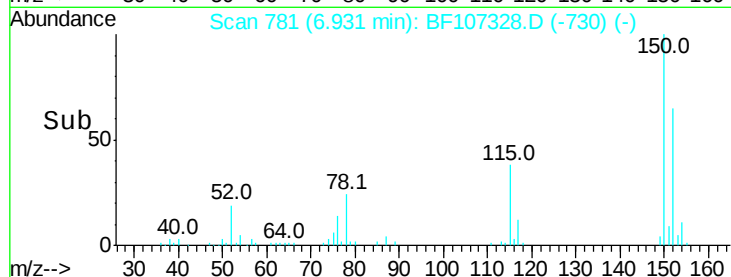
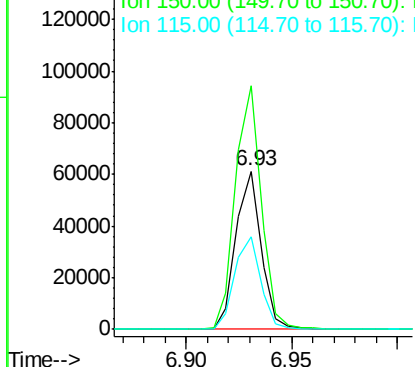
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107328.D
Acq: 12 Jul 2018 4:27

Instrument :
BNA_F
ClientSampleId :
PB111003BL

Tot Ion:152 Resp: 50562
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 58.7 50.1 75.1



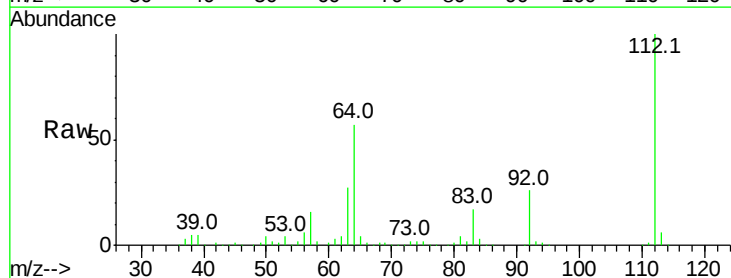
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



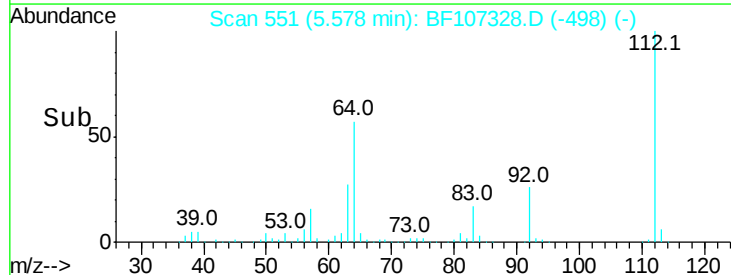
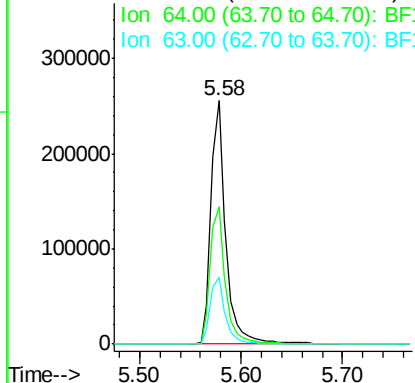
#5

2-Fluorophenol
Concen: 87.402 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107328.D
Acq: 12 Jul 2018 4:27

Tgt Ion:112 Resp: 260980
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.4 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: 84.366 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107328.D

Acq: 12 Jul 2018 4:27

Instrument :

BNA_F

ClientSampleId :

PB111003BL

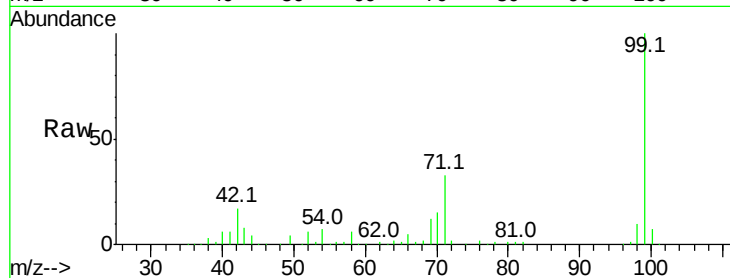
Tot Ion: 99 Resp: 314591

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

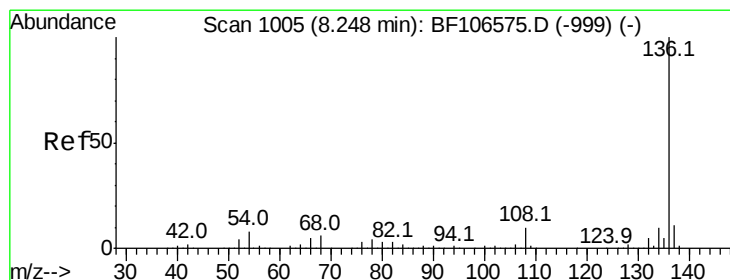
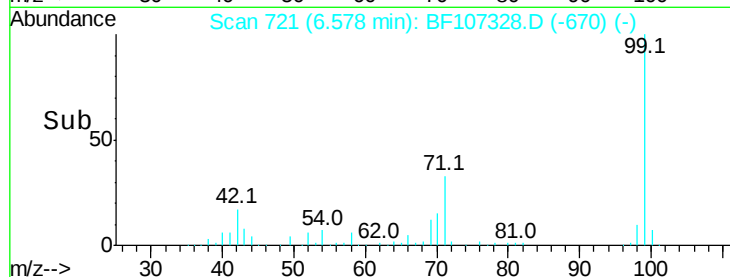
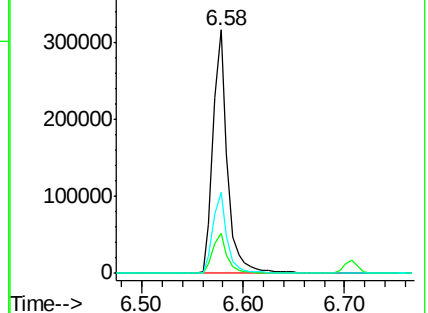
71 33.1 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107328.D

Acq: 12 Jul 2018 4:27

Tgt Ion: 136 Resp: 180353

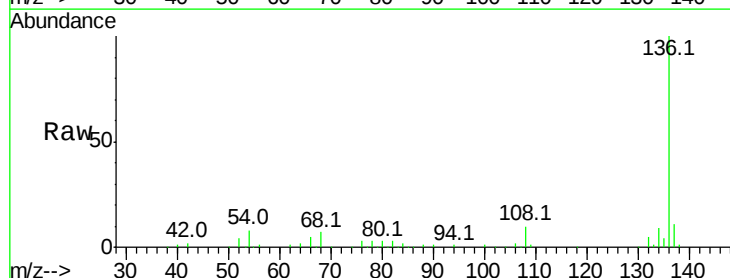
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.4 6.6 9.8

68 6.7 5.0 7.4

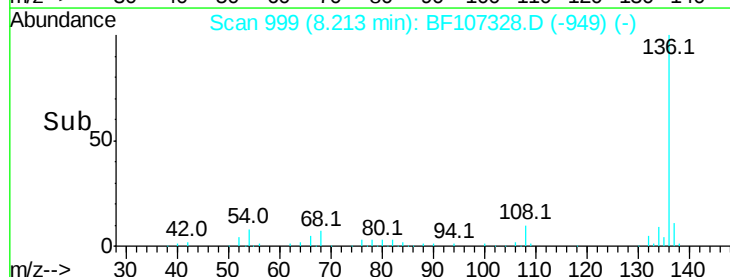
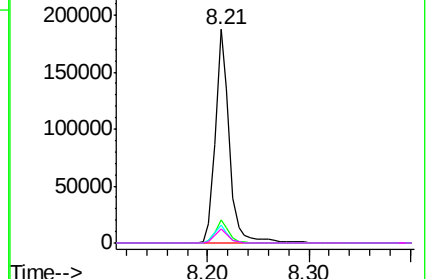


Abundance Ion 136.00 (135.70 to 136.70): E

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

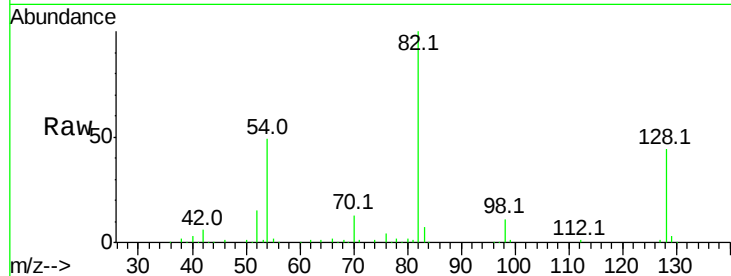




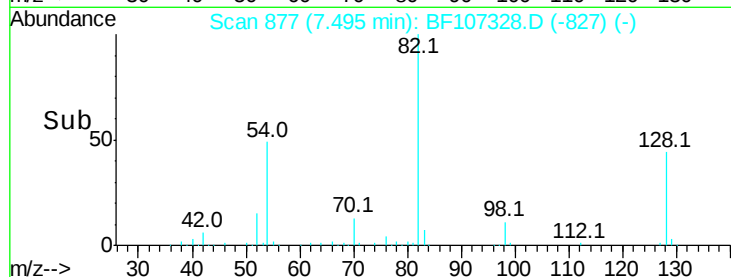
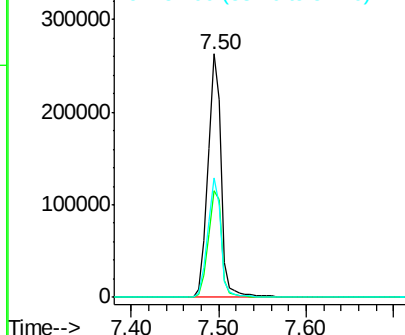
#23
 Nitrobenzene-d5
 Concen: 85.603 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BL

Tot Ion: 82 Resp: 277809
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 49.0 41.4 62.2

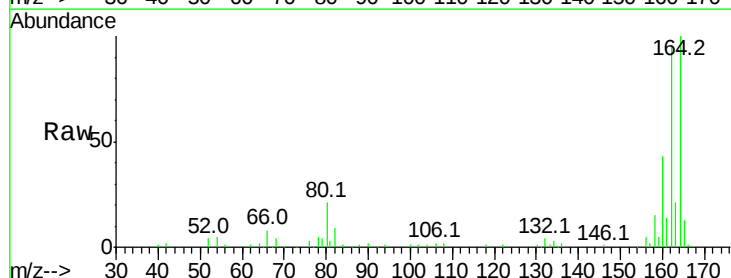


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

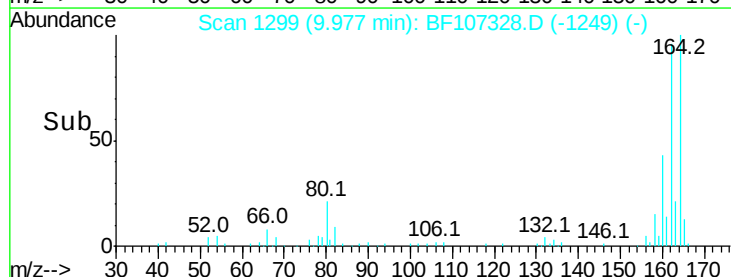
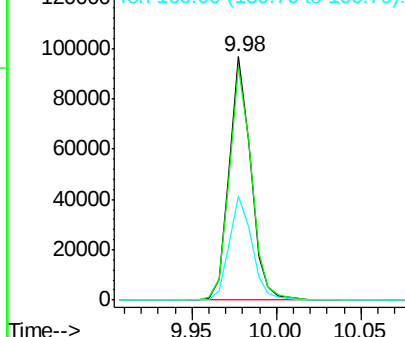


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Tgt Ion:164 Resp: 85838
 Ion Ratio Lower Upper
 164 100
 162 96.1 86.1 129.1
 160 42.9 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

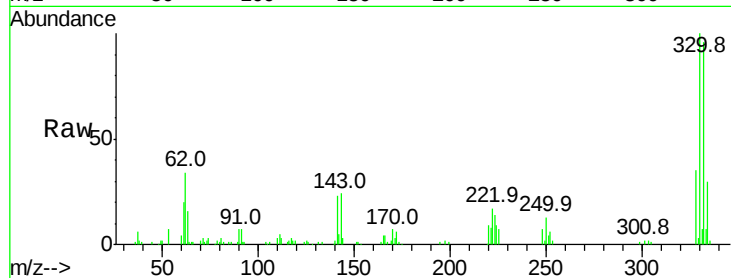




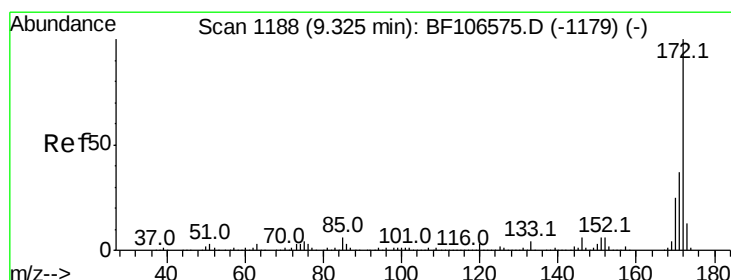
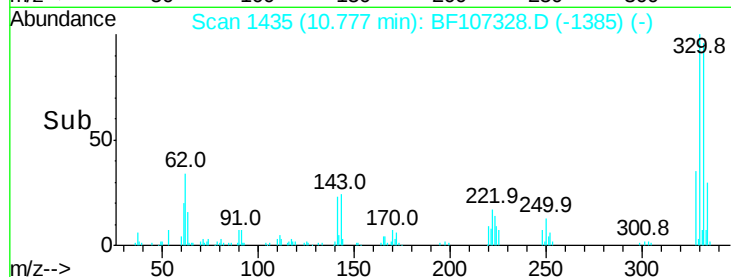
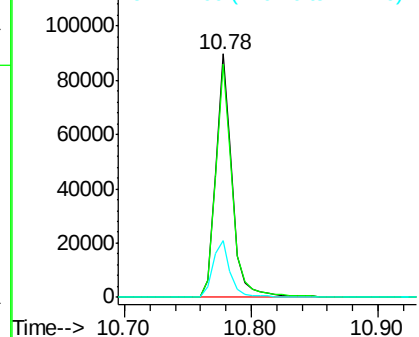
#41
 2,4,6-Tribromophenol
 Concen: 82.003 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	24.3	29.9	44.9#

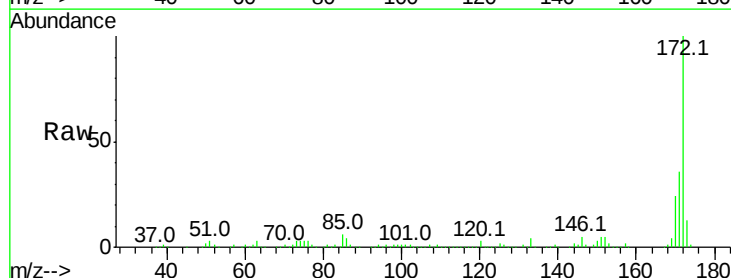


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

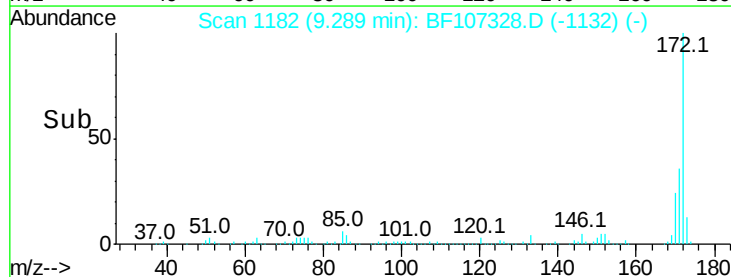
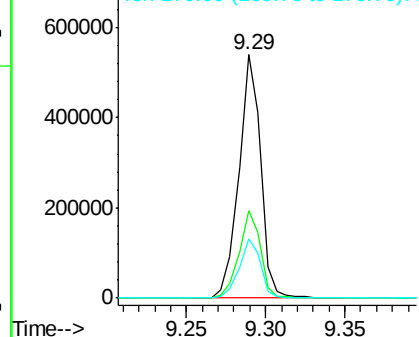


#44
 2-Fluorobiphenyl
 Concen: 104.818 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	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

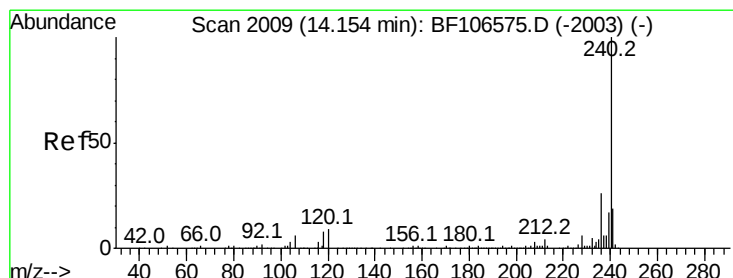
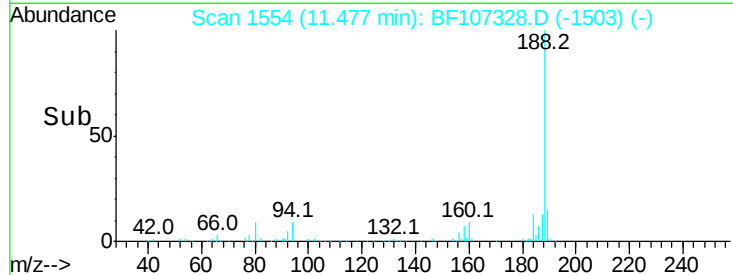
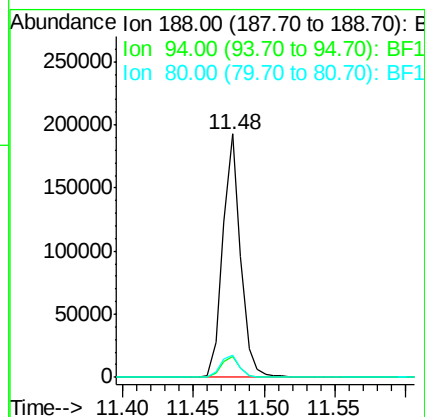
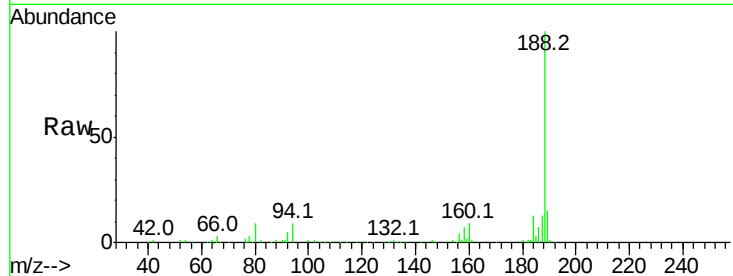




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

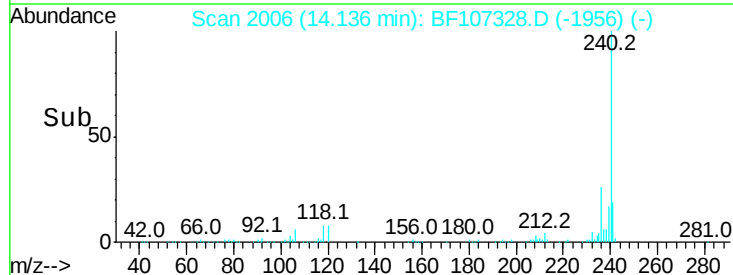
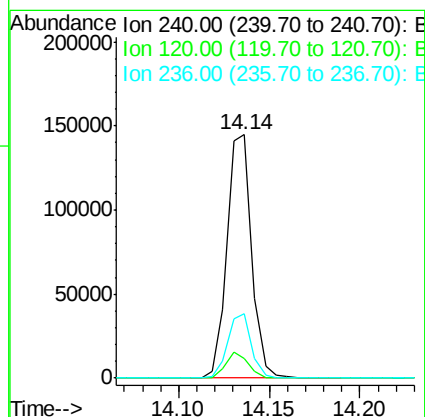
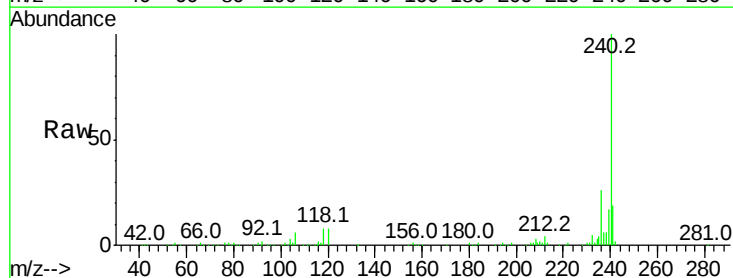
Instrument :
 BNA_F
 ClientSampleId :
 PB111003BL

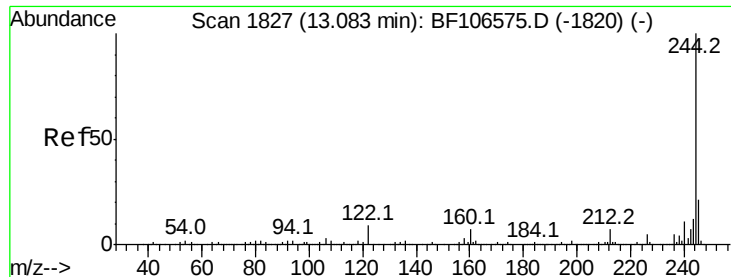
Tot Ion:188 Resp: 168354
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.2 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Tgt Ion:240 Resp: 137406
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 26.4 20.7 31.1

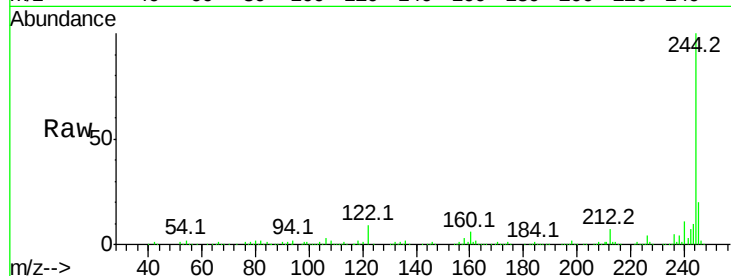




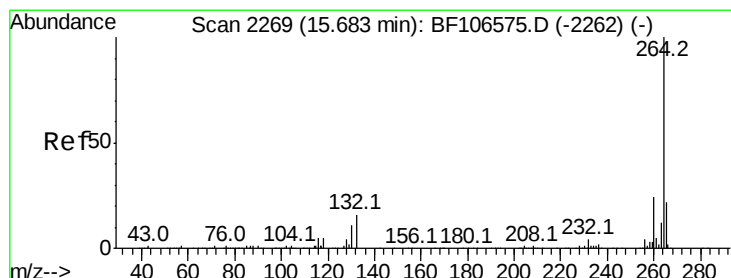
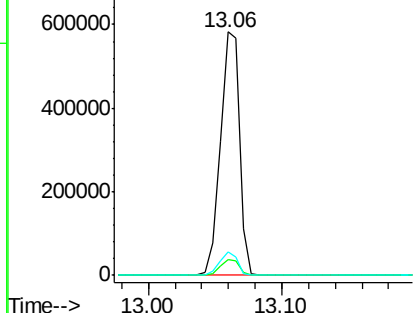
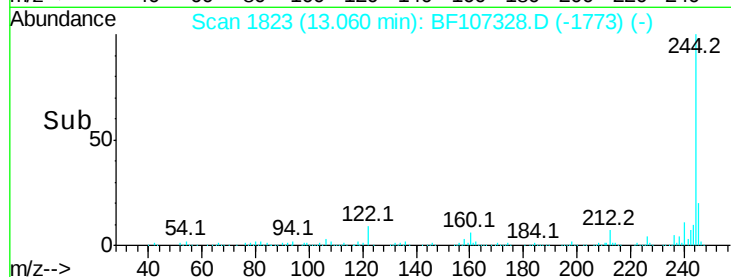
#78
 Terphenyl-d14
 Concen: 104.461 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4

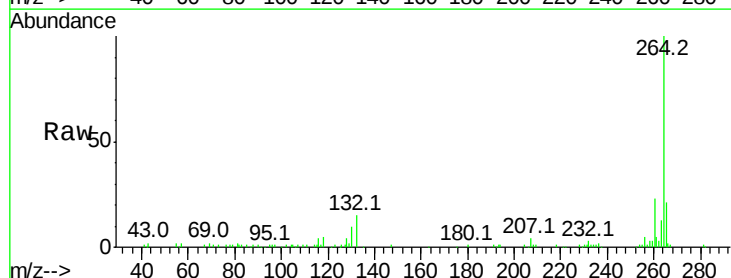


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107328.D
 Acq: 12 Jul 2018 4:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	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

