

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098600.D
 Acq On : 18 Sep 2017 14:18
 Operator : SJ/JU
 Sample : PB102369BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BL

Quant Time: Sep 19 05:52:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	134597	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	580705	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	295232	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	601398	20.00	ng	0.00
75) Chrysene-d12	13.78	240	519481	20.00	ng	0.00
86) Perylene-d12	15.17	264	382907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1074759	118.06	ng	0.01
7) Phenol-d6	6.29	99	1317587	113.99	ng	0.00
23) Nitrobenzene-d5	7.20	82	854535	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	337852	171.46	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1622618	93.15	ng	0.00
78) Terphenyl-d14	12.74	244	1808419	75.14	ng	0.00

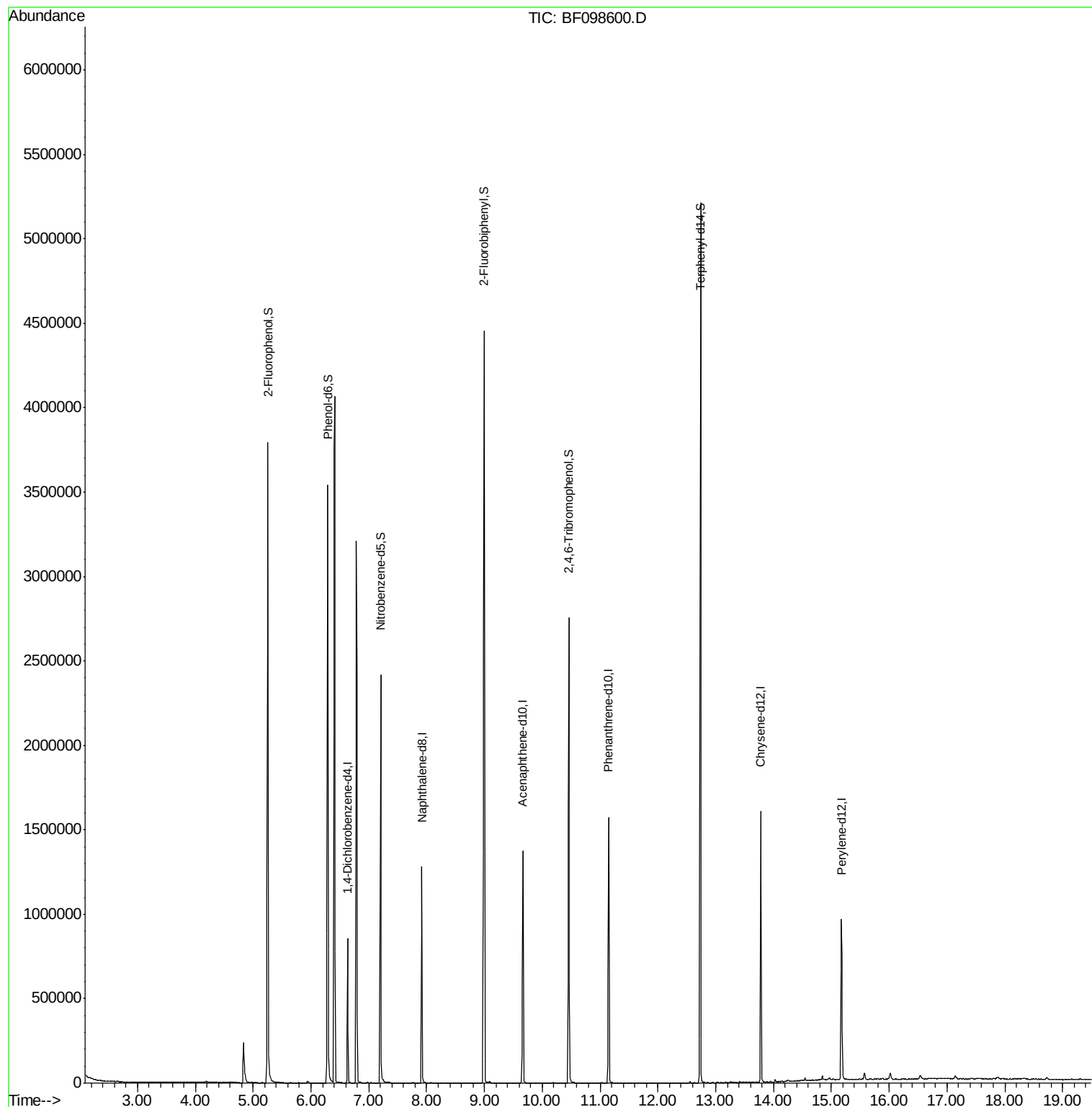
Target Compounds Qvalue

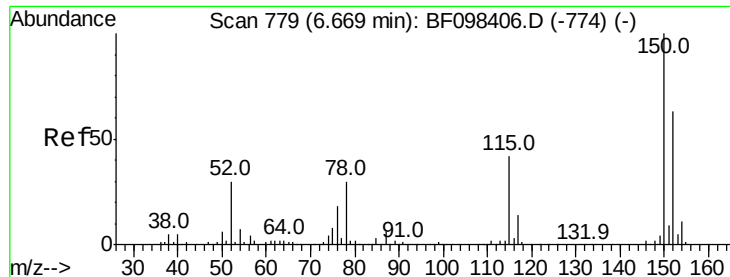
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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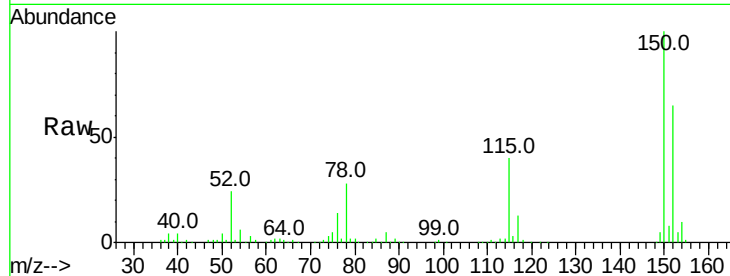


#1

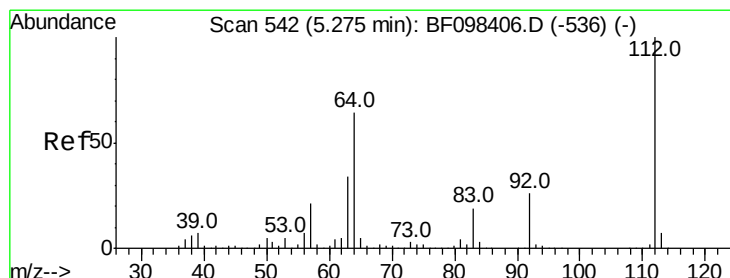
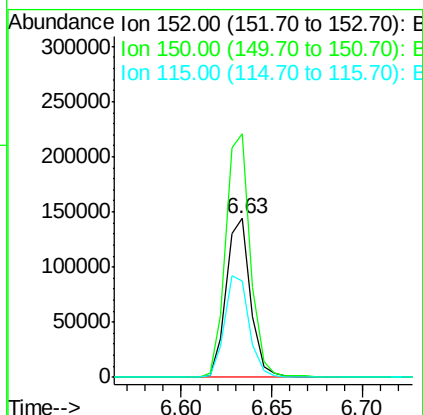
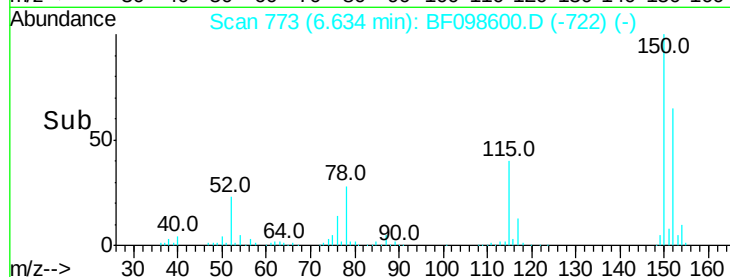
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BL

Tot Ion:152 Resp: 134597
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.2 189.2
 115 60.7 52.2 78.2



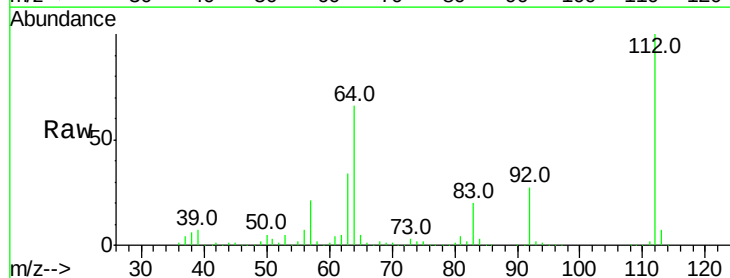
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



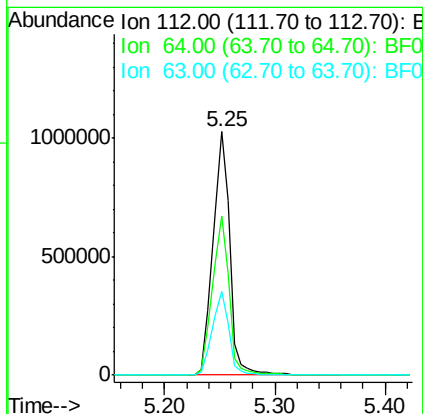
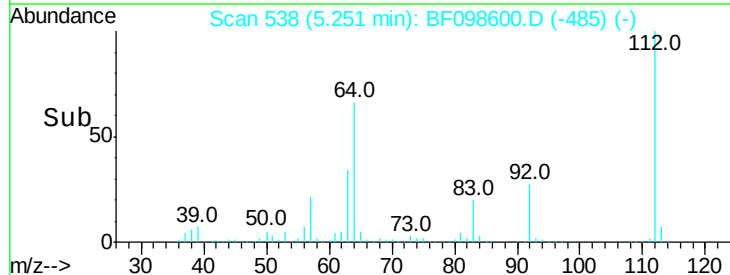
#5

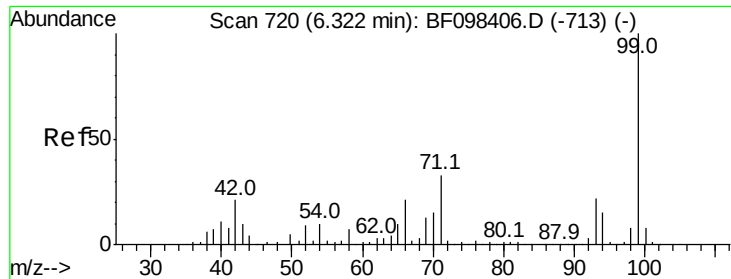
2-Fluorophenol
 Concen: 118.060 ng
 RT: 5.25 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Tgt Ion:112 Resp: 1074759
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.0 69.0
 63 34.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.994 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098600.D

Acq: 18 Sep 2017 14:18

Instrument :

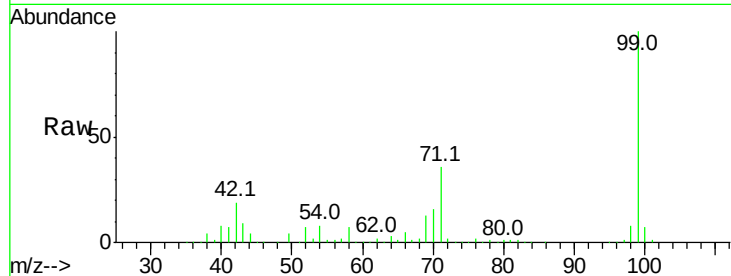
BNA_F

ClientSampleId :

PB102369BL

Tot Ion: 99 Resp: 1317587

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	35.7	24.5	36.7

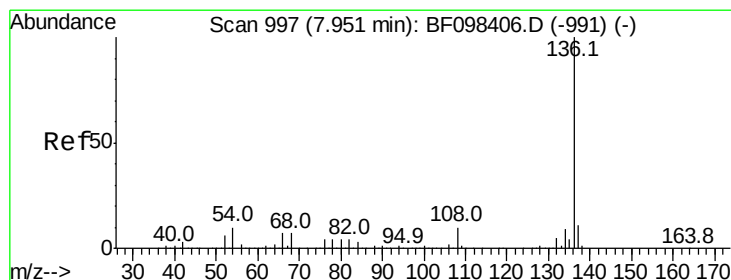
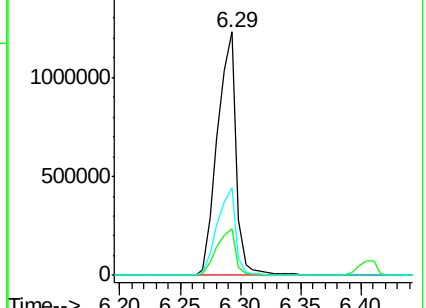
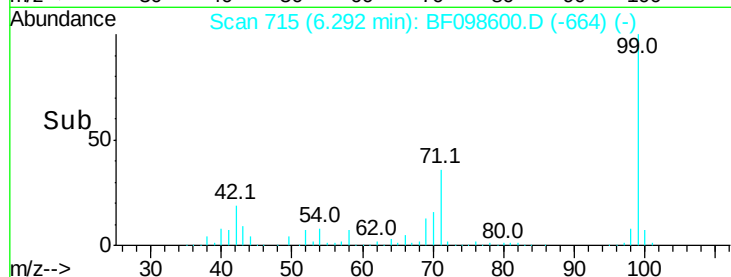


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

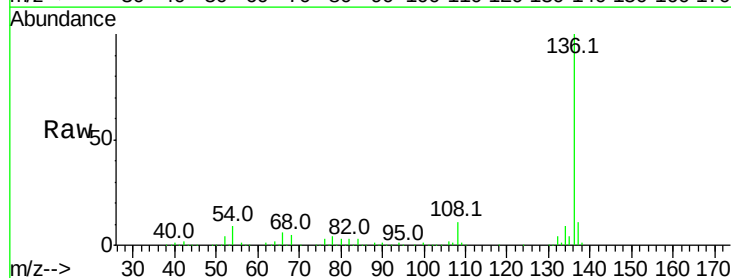
Delta R.T. -0.01 min

Lab File: BF098600.D

Acq: 18 Sep 2017 14:18

Tgt Ion: 136 Resp: 580705

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.9	4.9	7.3
68	5.3	4.1	6.1



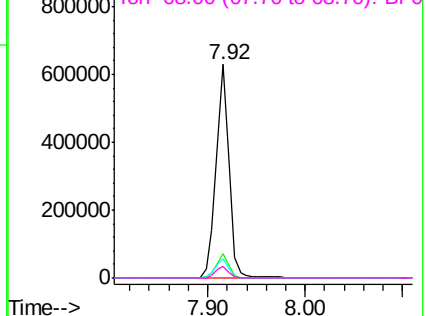
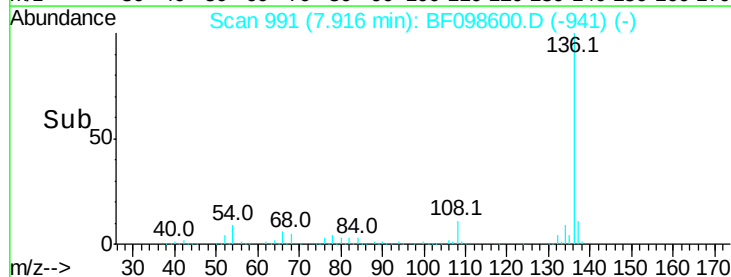
Abundance

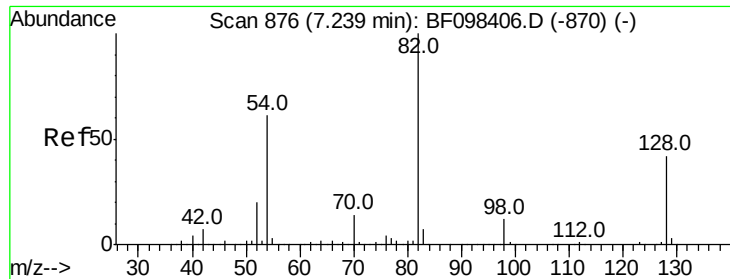
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

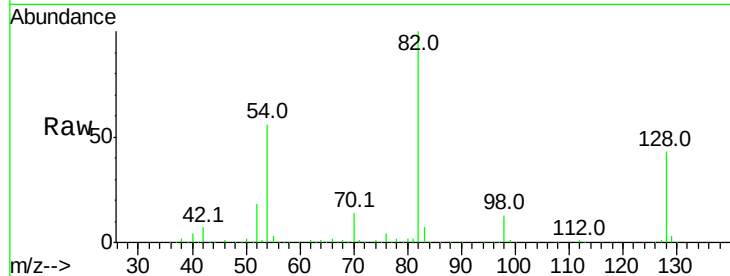




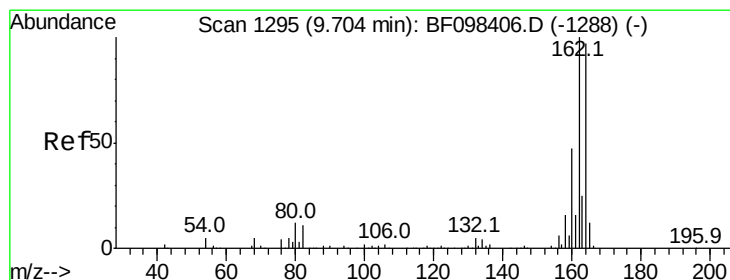
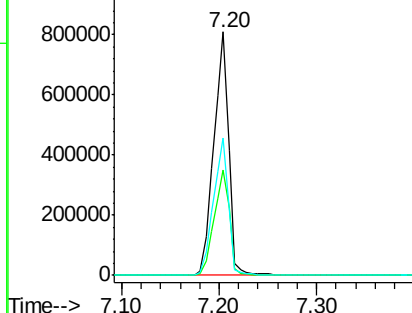
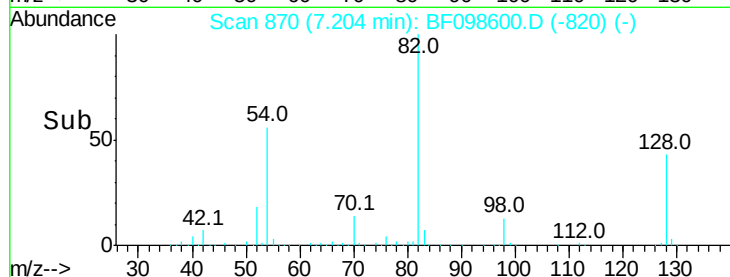
#23
 Nitrobenzene-d5
 Concen: 82.038 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Instrument :
 BNA_F
 ClientSampled :
 PB102369BL

Tot Ion: 82 Resp: 854535
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 56.4 42.2 63.2

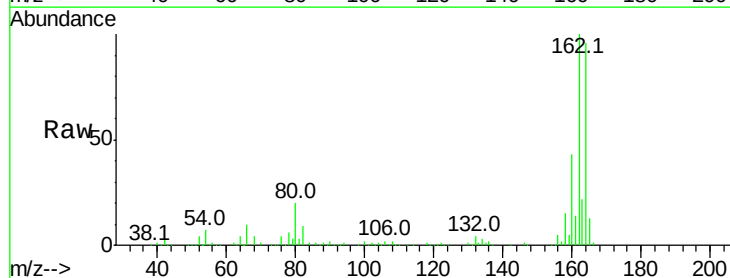


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

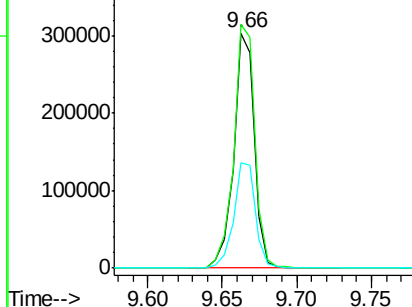
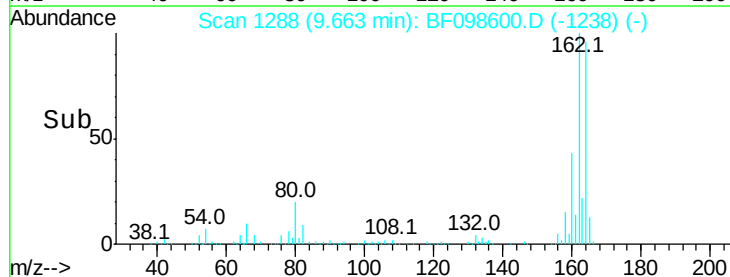


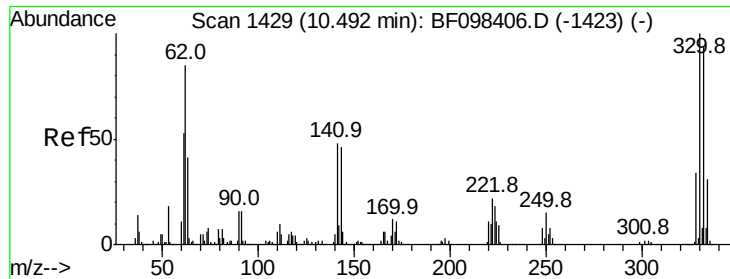
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Tgt Ion:164 Resp: 295232
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.0 36.2 54.2



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

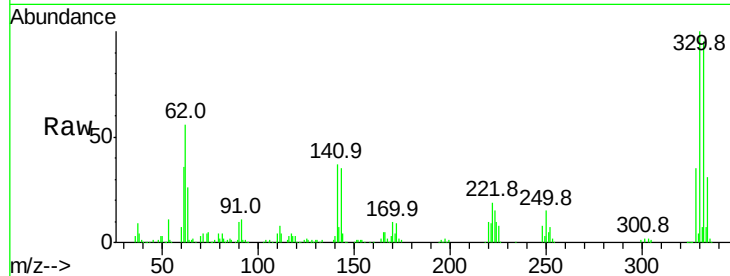




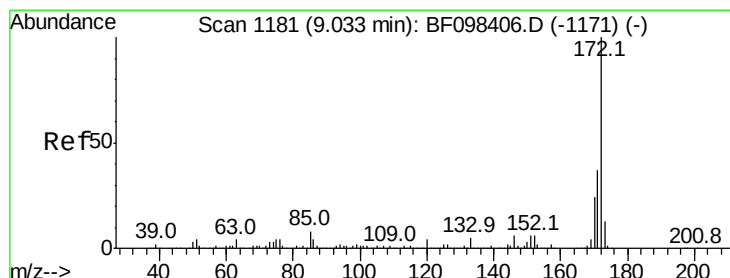
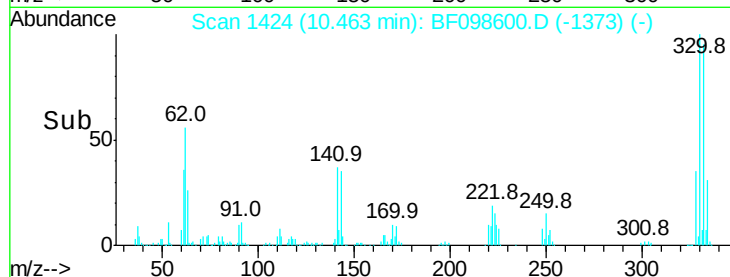
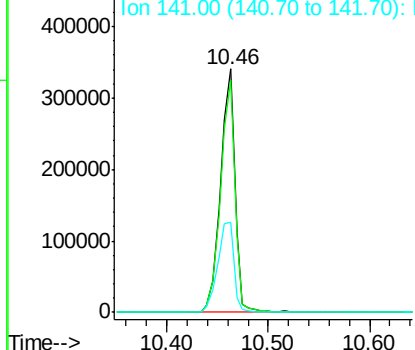
#41
 2,4,6-Tribromophenol
 Concen: 171.461 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BL

Tot Ion:330 Resp: 337852
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 41.5 31.4 47.2

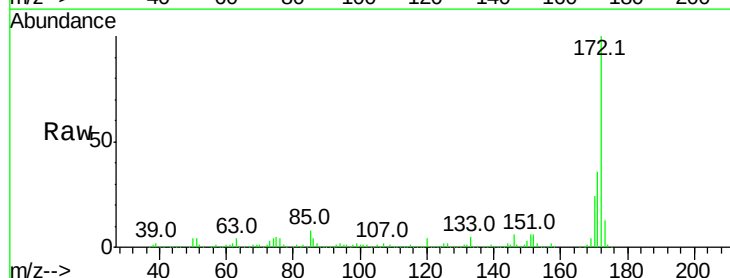


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

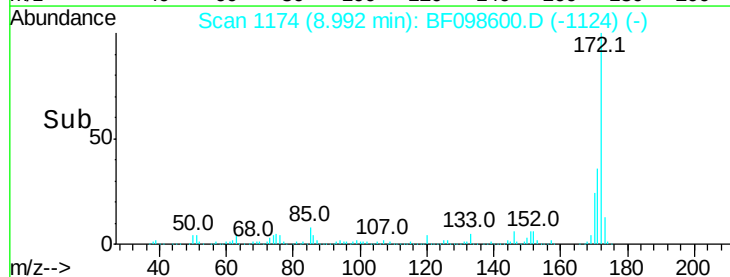
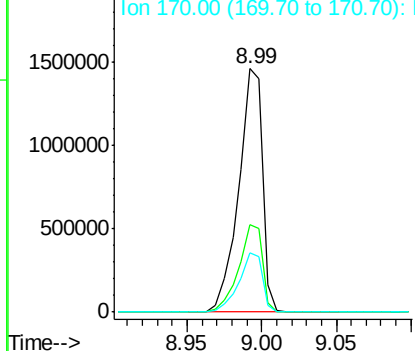


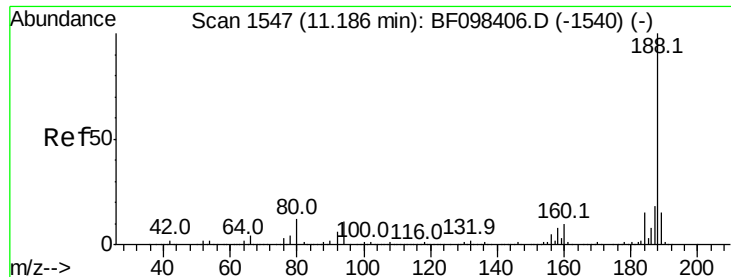
#44
 2-Fluorobiphenyl
 Concen: 93.154 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Tgt Ion:172 Resp: 1622618
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 19.8 29.8



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

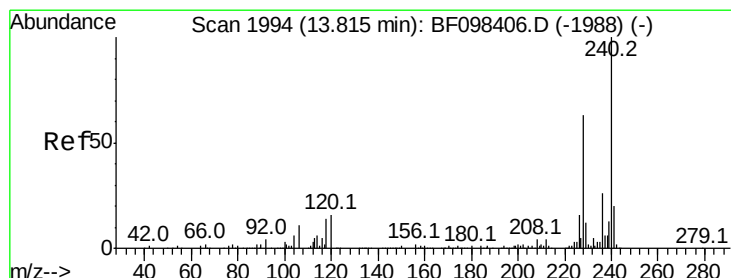
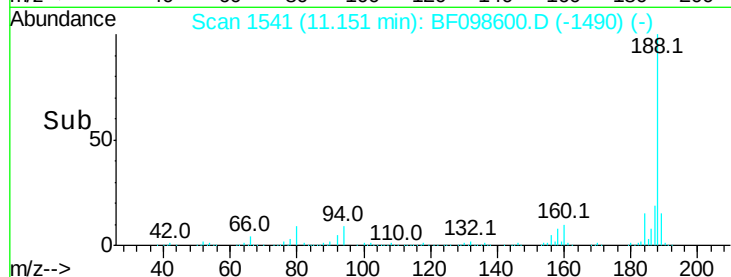
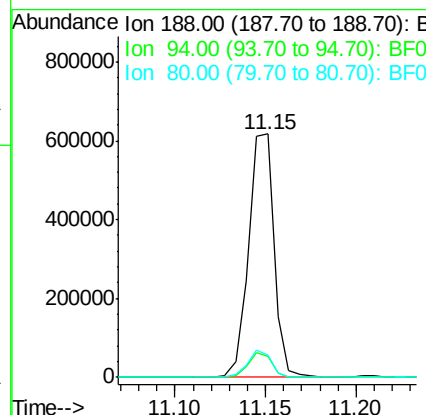
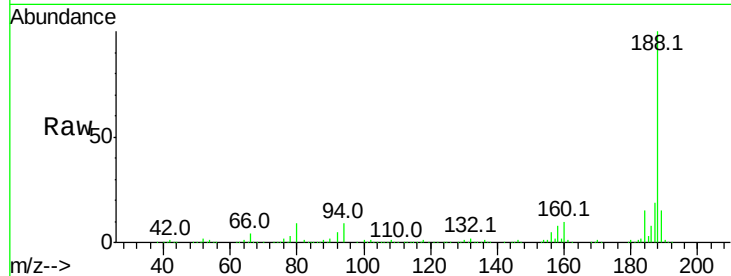




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098600.D
Acq: 18 Sep 2017 14:18

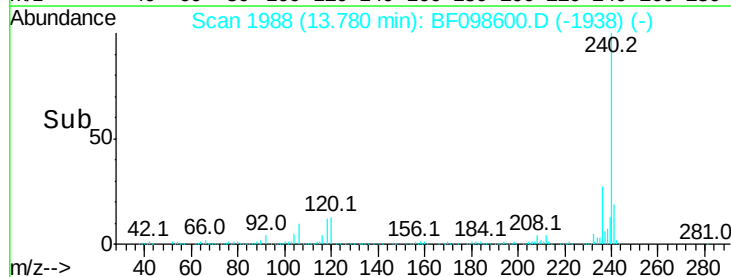
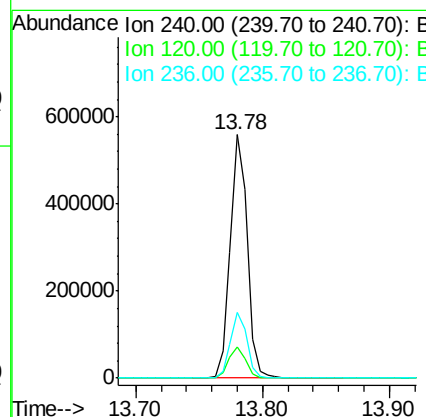
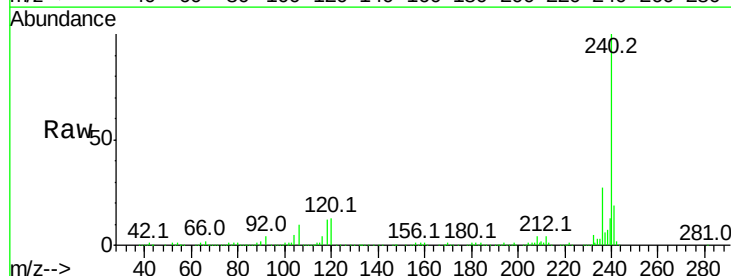
Instrument :
BNA_F
ClientSampleId :
PB102369BL

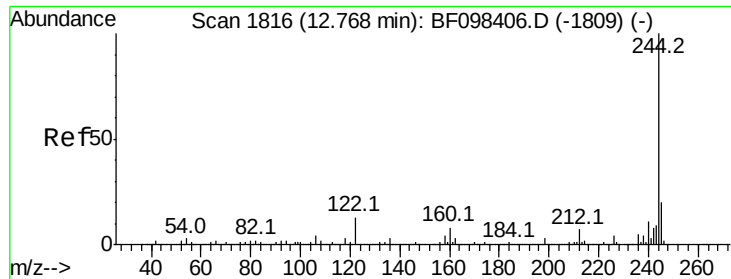
Tot Ion:188 Resp: 601398
Ion Ratio Lower Upper
188 100
94 8.5 9.4 14.2#
80 8.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098600.D
Acq: 18 Sep 2017 14:18

Tgt Ion:240 Resp: 519481
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 26.9 20.5 30.7

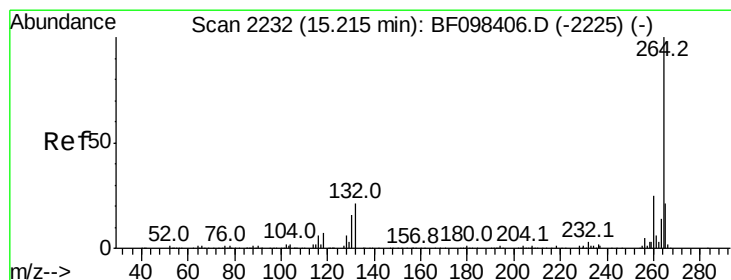
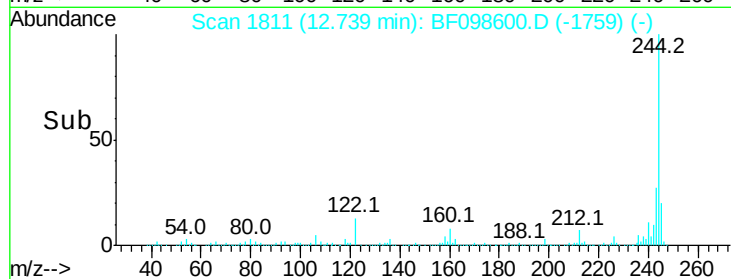
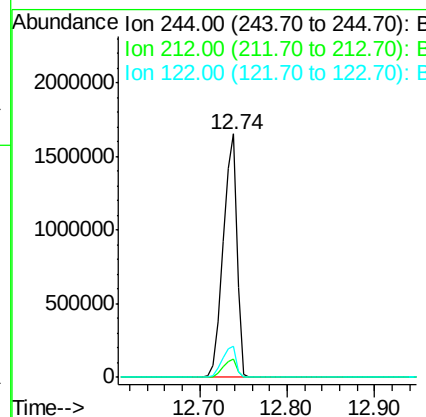
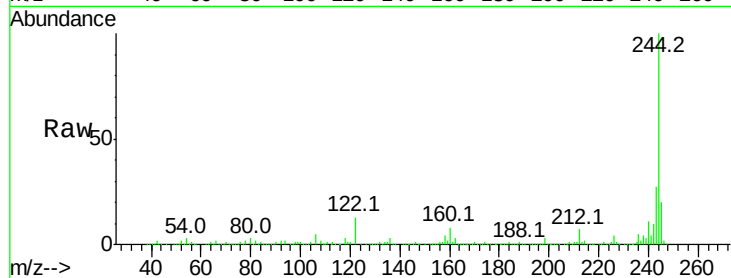




#78
 Terphenyl-d14
 Concen: 75.140 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BL

Tot Ion:244 Resp: 1808419
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098600.D
 Acq: 18 Sep 2017 14:18

Tgt Ion:264 Resp: 382907
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.8 17.2 25.8

