

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096571.D
 Acq On : 7 Jul 2017 20:52
 Operator : SJ/MA
 Sample : PB100474BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100474BL

Quant Time: Jul 08 00:24:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	101793	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	433809	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	193202	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	331632	20.00	ng	0.00
75) Chrysene-d12	13.83	240	275145	20.00	ng	-0.01
86) Perylene-d12	15.23	264	200901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	855022	123.98	ng	0.00
7) Phenol-d6	6.33	99	1024666	120.85	ng	-0.01
23) Nitrobenzene-d5	7.26	82	610244	84.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	198354	131.43	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1043385	92.34	ng	0.00
78) Terphenyl-d14	12.79	244	869607	67.54	ng	0.00

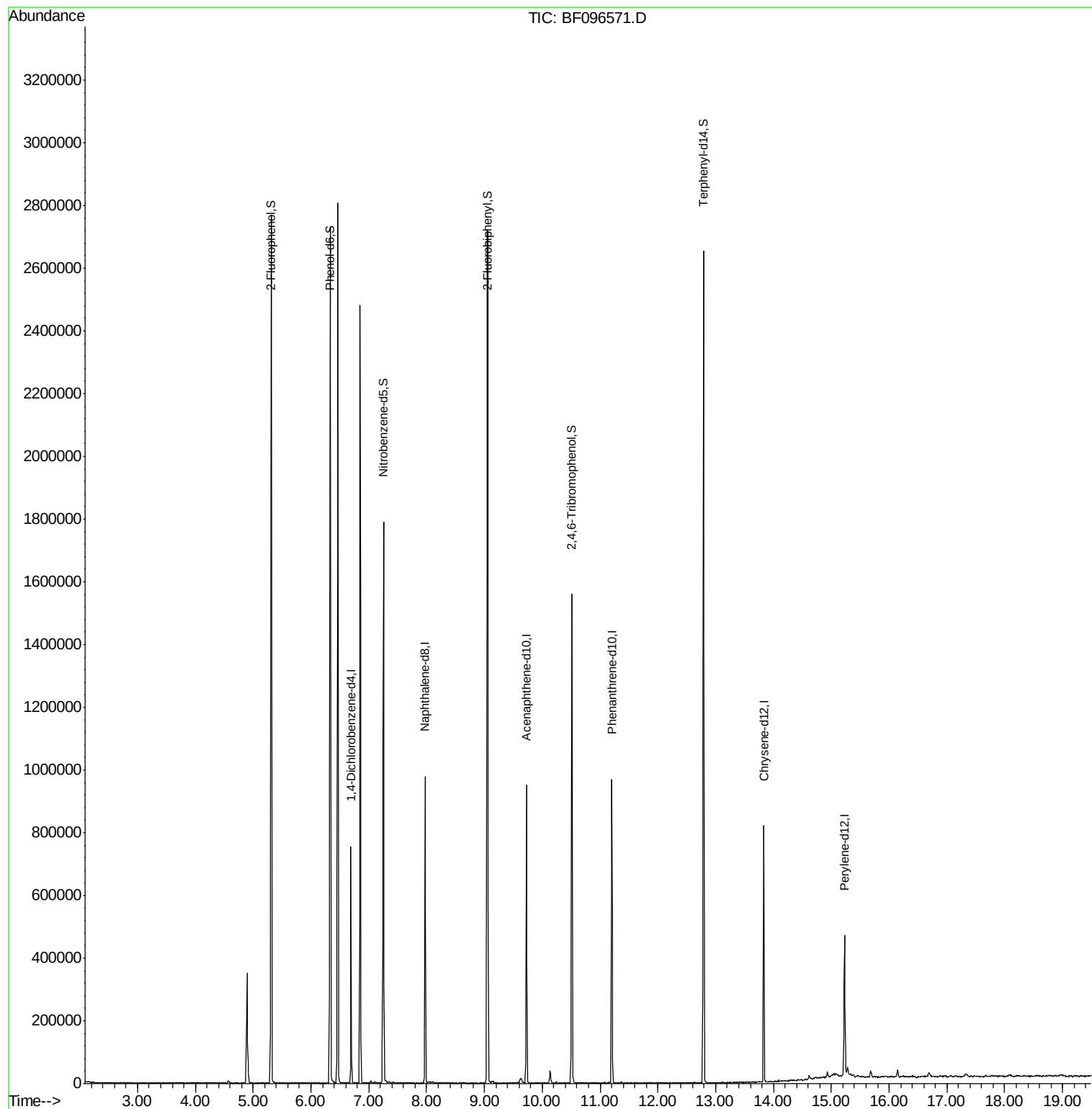
Target Compounds	Qvalue
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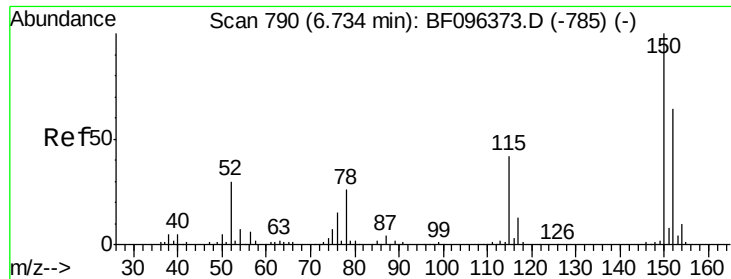
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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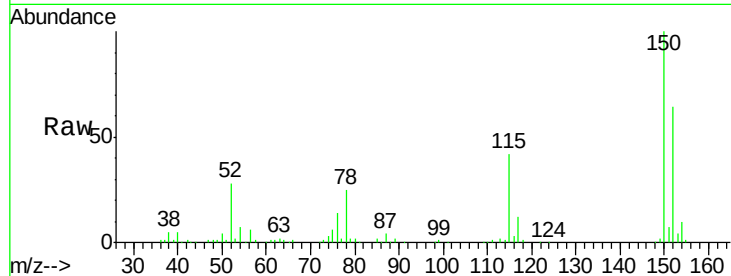


#1

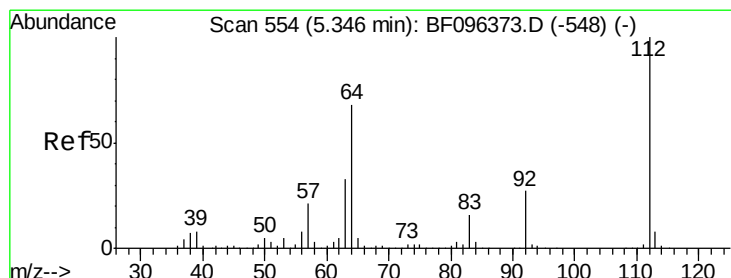
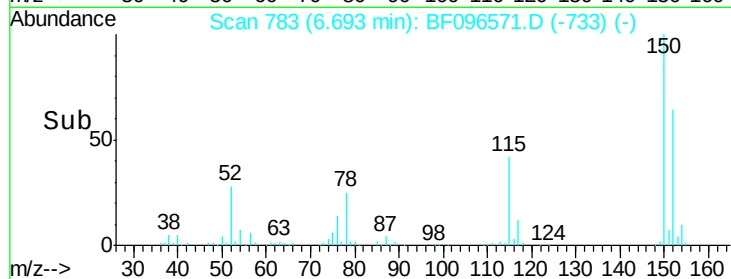
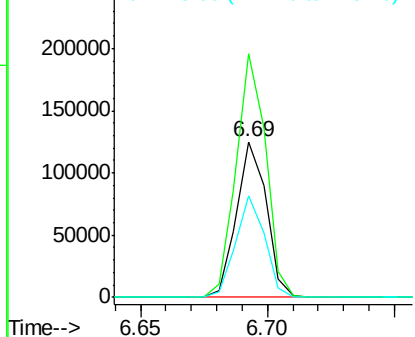
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Instrument :
BNA_F
ClientSampleId :
PB100474BL

Tgt Ion:152 Resp: 101793
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 65.6 52.2 78.2



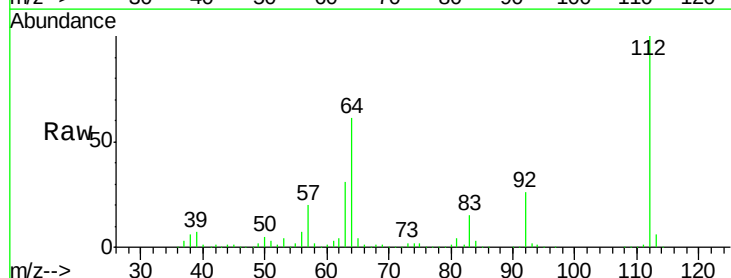
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



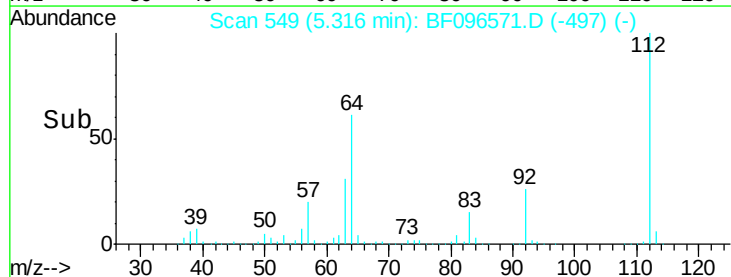
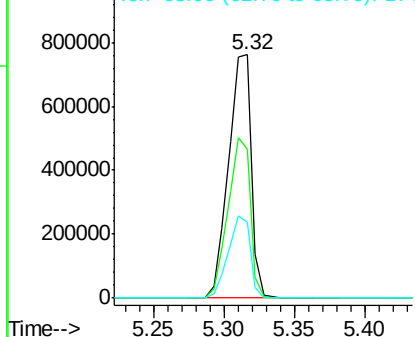
#5

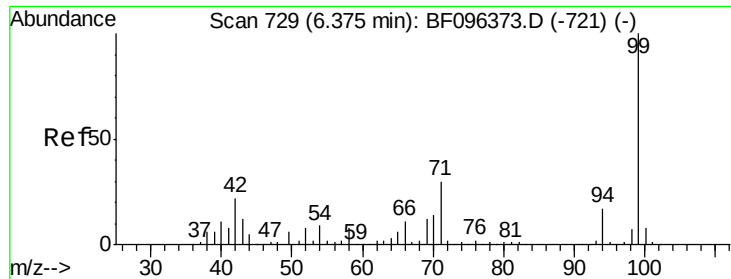
2-Fluorophenol
Concen: 123.976 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Tgt Ion:112 Resp: 855022
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 31.1 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: 120.854 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

Instrument :

BNA_F

ClientSampleId :

PB100474BL

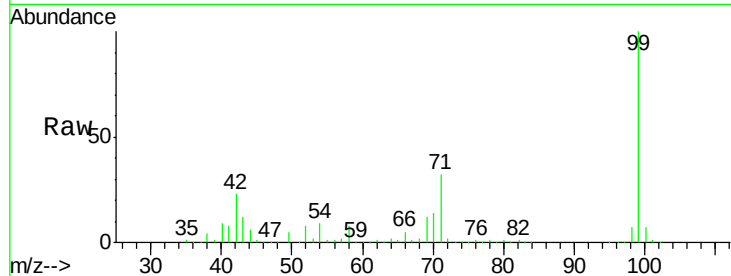
Tgt Ion: 99 Resp: 1024666

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

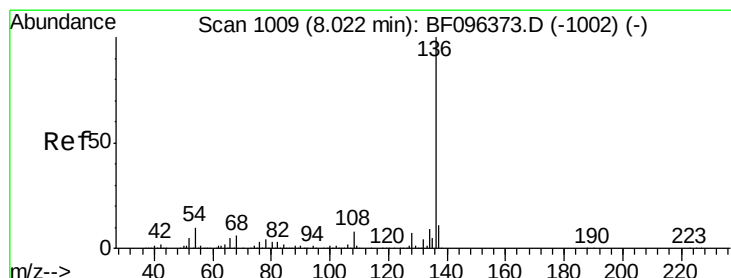
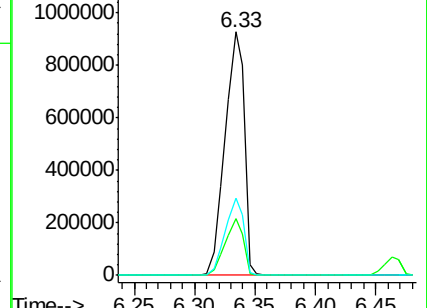
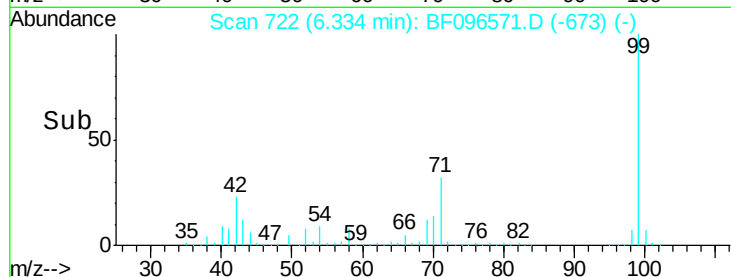
71 31.9 24.5 36.7



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096571.D

Acq: 7 Jul 2017 20:52

Tgt Ion: 136 Resp: 433809

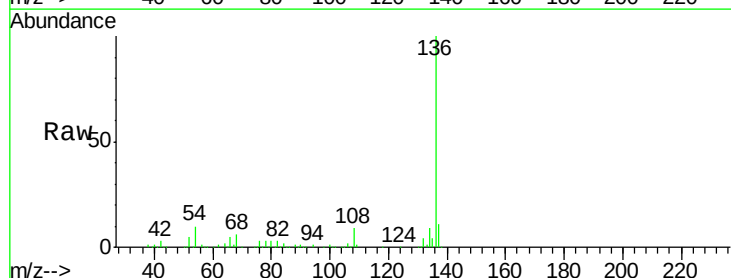
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 6.0 4.1 6.1

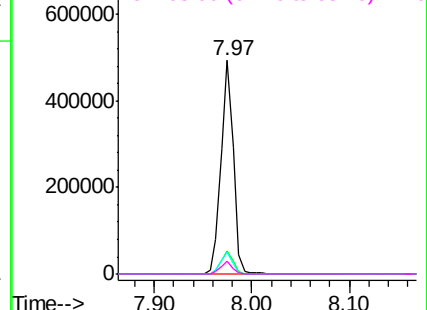
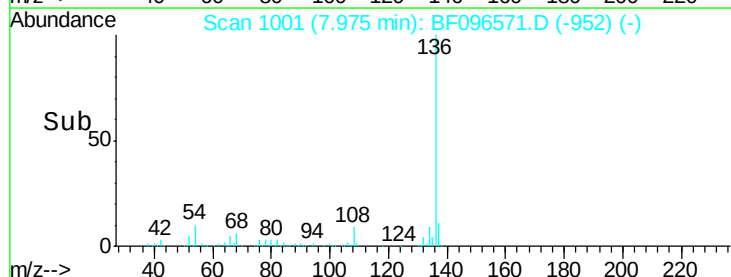


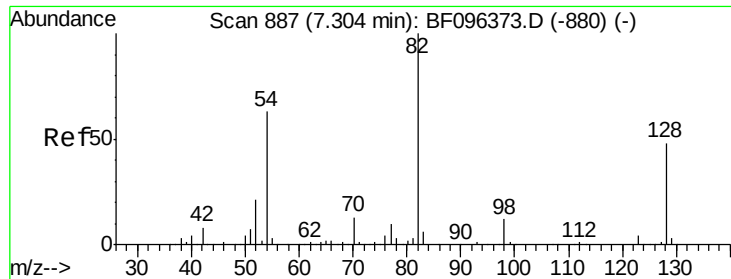
Abundance Ion 136.00 (135.70 to 136.70): E

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

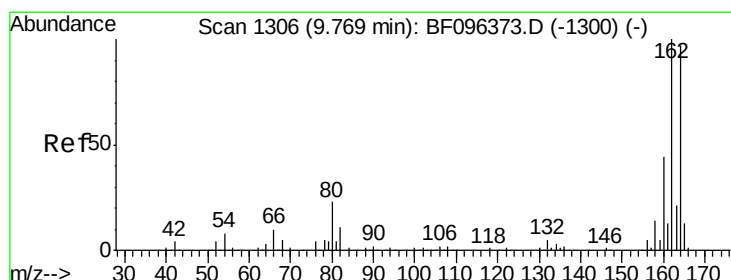
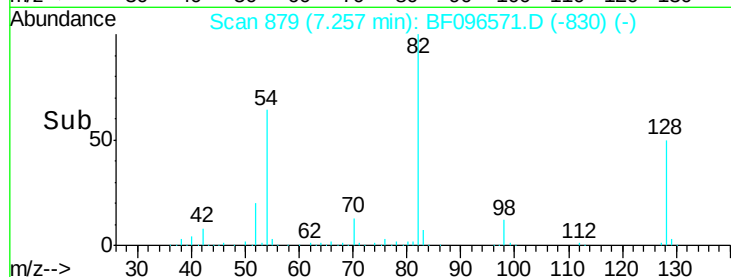
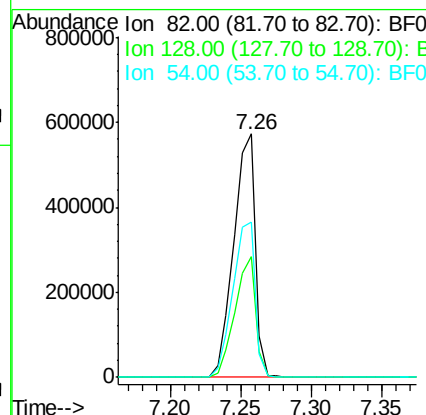
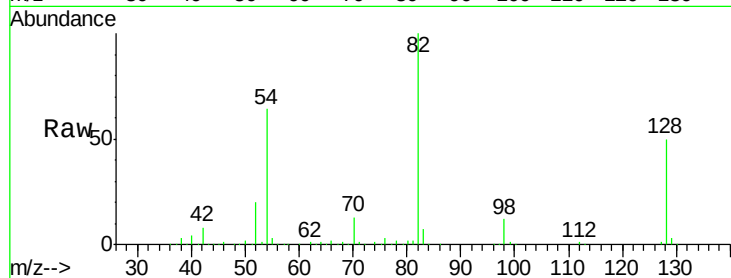




#23
 Nitrobenzene-d5
 Concen: 84.530 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

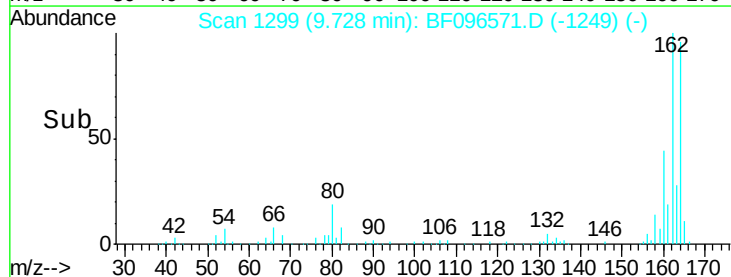
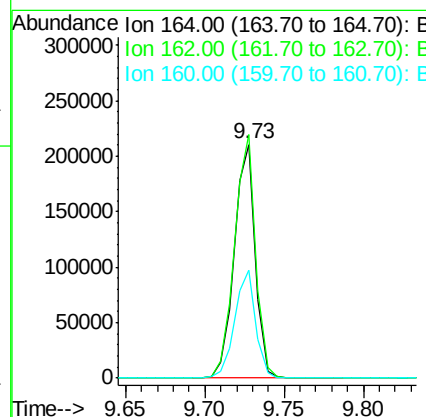
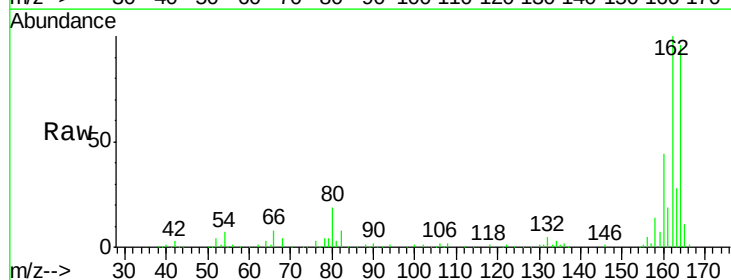
Instrument :
 BNA_F
 ClientSampleId :
 PB100474BL

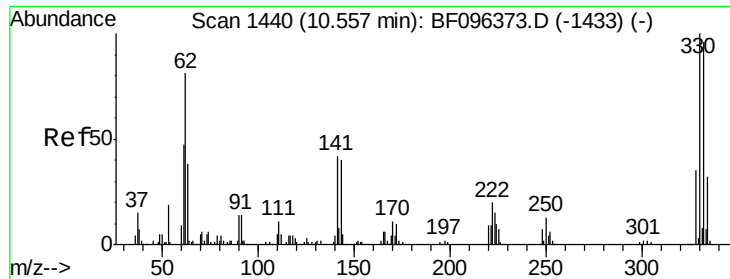
Tgt Ion: 82 Resp: 610244
 Ion Ratio Lower Upper
 82 100
 128 49.6 34.0 51.0
 54 63.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:164 Resp: 193202
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.0 36.2 54.2

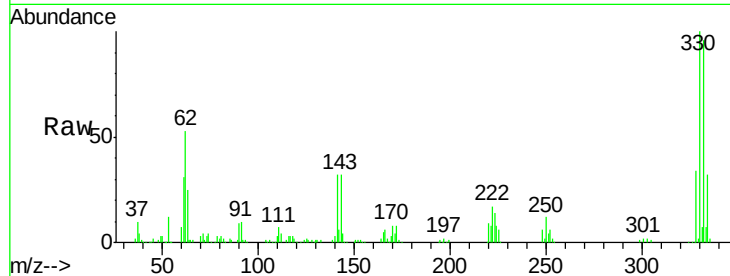




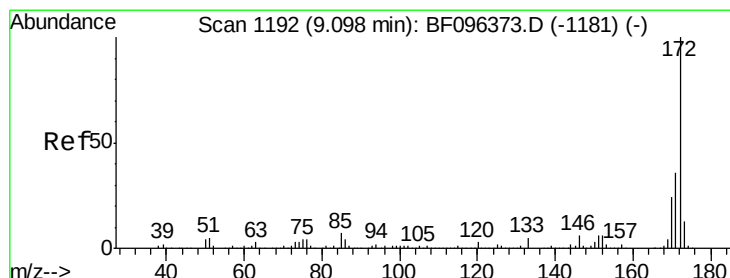
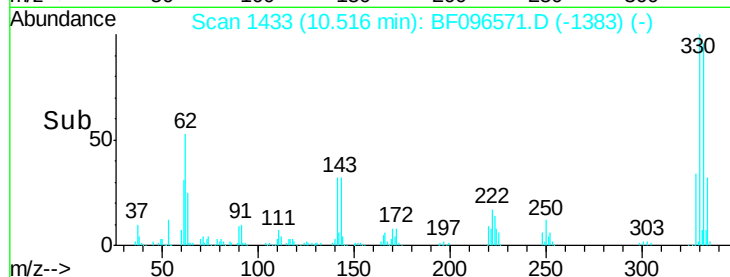
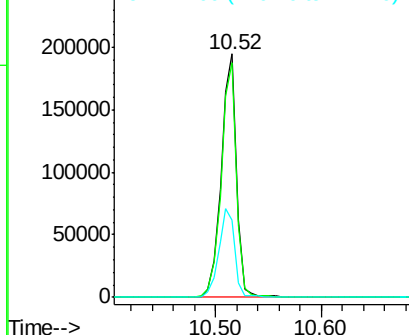
#41
 2,4,6-Tribromophenol
 Concen: 131.435 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PB100474BL

Tgt Ion:330 Resp: 198354
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.1 31.4 47.2

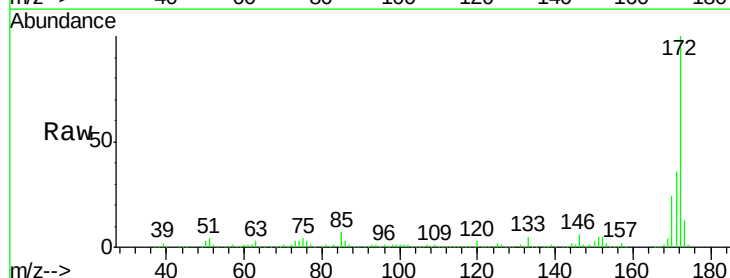


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

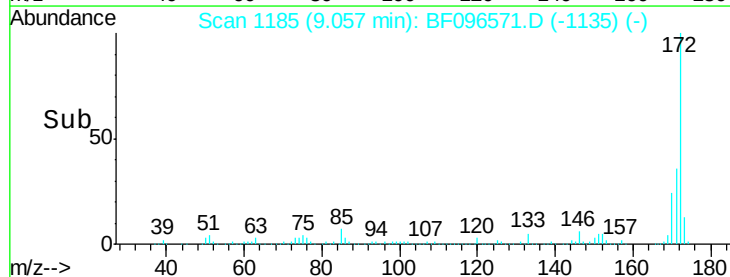
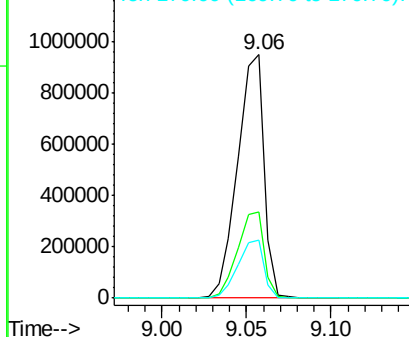


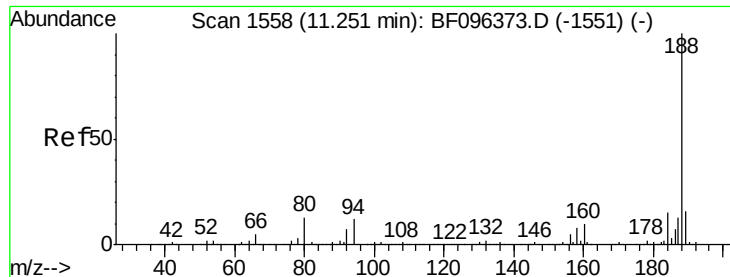
#44
 2-Fluorobiphenyl
 Concen: 92.336 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:172 Resp: 1043385
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.0 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

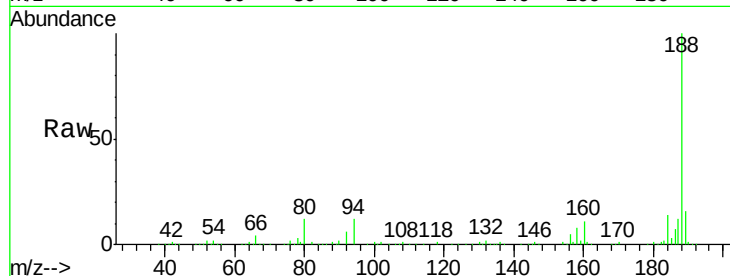




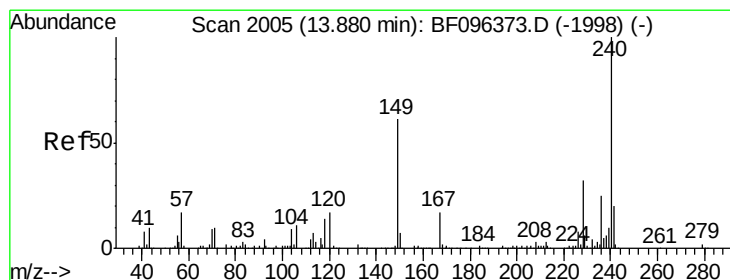
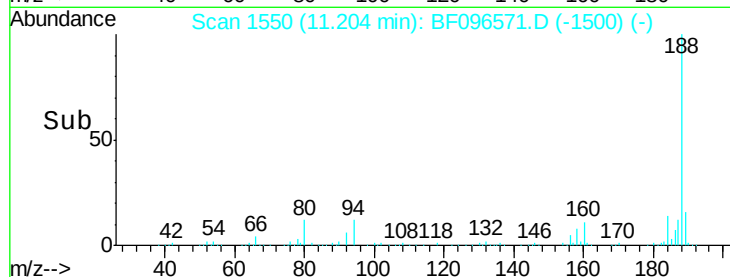
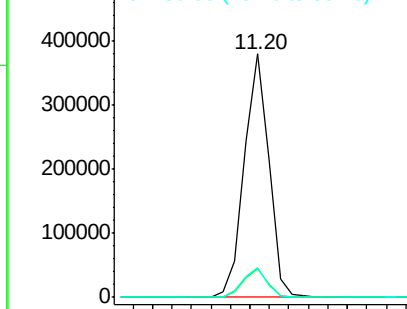
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Instrument :
BNA_F
ClientSampleId :
PB100474BL

Tgt Ion:188 Resp: 331632
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.2 10.2 15.2

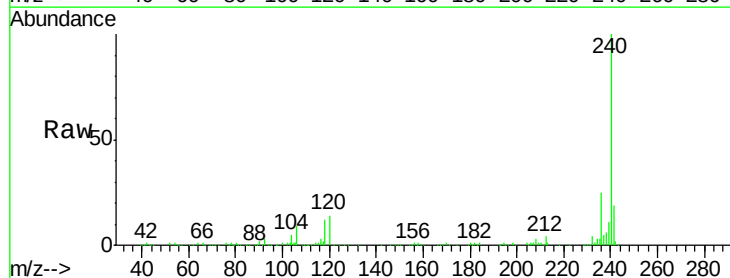


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

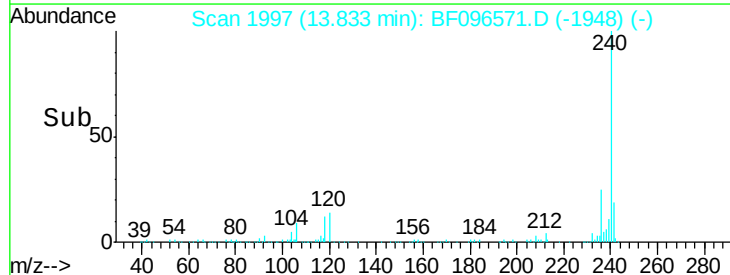
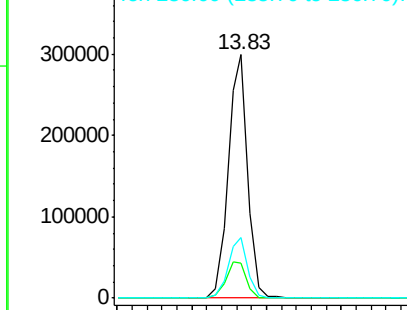


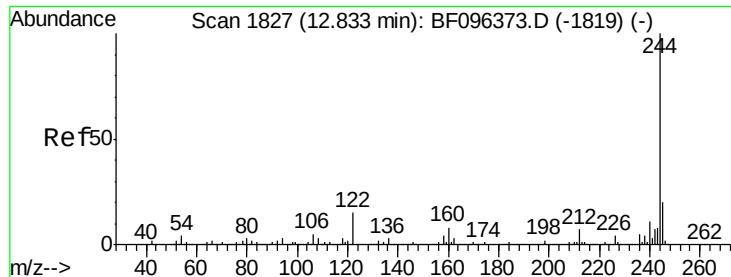
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096571.D
Acq: 7 Jul 2017 20:52

Tgt Ion:240 Resp: 275145
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.1 20.5 30.7



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

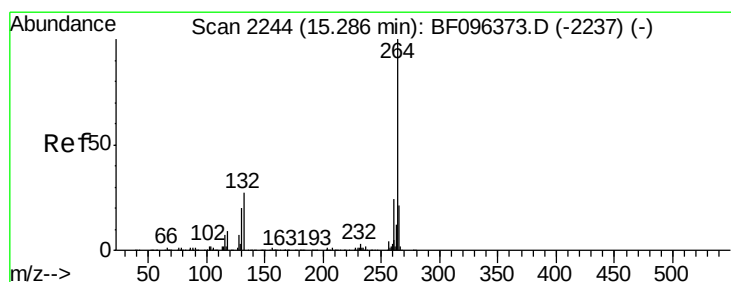
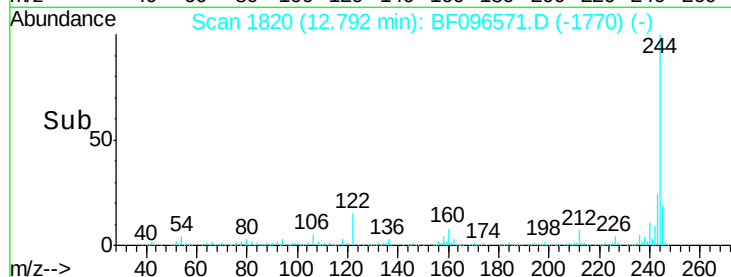
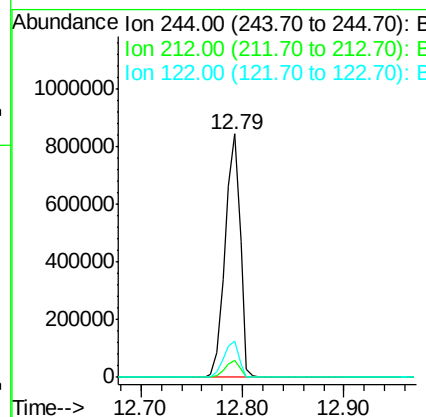
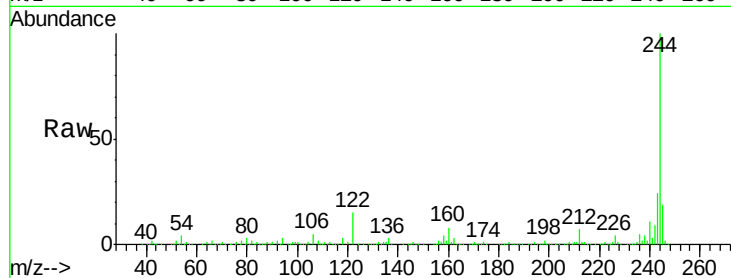




#78
 Terphenyl-d14
 Concen: 67.536 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Instrument :
 BNA_F
 ClientSampled :
 PB100474BL

Tgt Ion:244 Resp: 869607
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096571.D
 Acq: 7 Jul 2017 20:52

Tgt Ion:264 Resp: 200901
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 17.2 25.8

