

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097601.D
 Acq On : 11 Aug 2017 18:36
 Operator : SJ/JU
 Sample : PB101452BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

Quant Time: Aug 12 02:04:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	95811	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	397060	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	168450	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	312488	20.00	ng	0.00
75) Chrysene-d12	18.46	240	213273	20.00	ng	0.00
86) Perylene-d12	20.13	264	169765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	725826	120.41	ng	0.01
7) Phenol-d6	7.05	99	882138	117.97	ng	-0.01
23) Nitrobenzene-d5	8.42	82	502680	79.38	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	151332	118.18	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	798191	71.51	ng	0.00
78) Terphenyl-d14	17.12	244	591052	57.36	ng	0.00

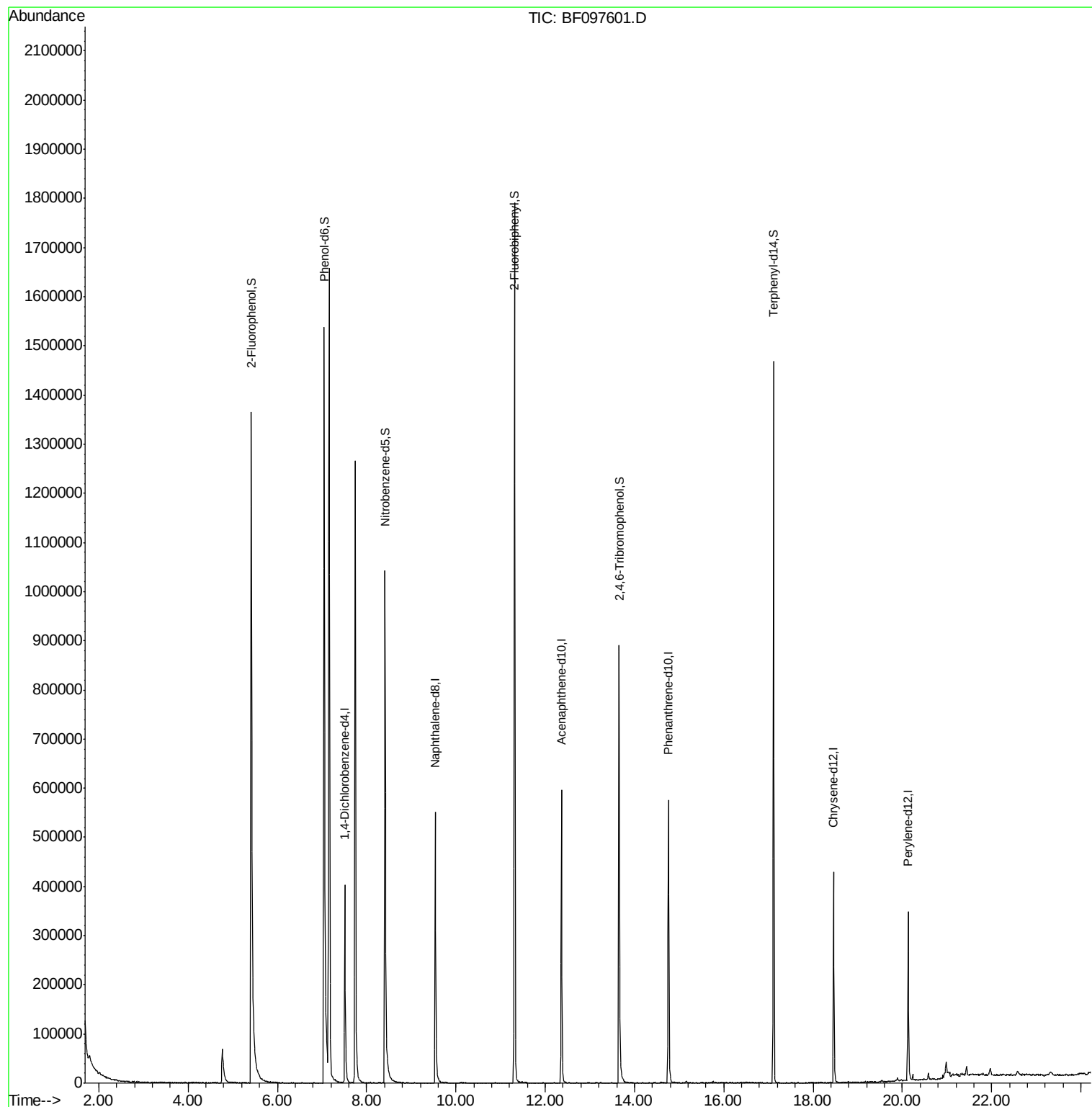
Target Compounds Qvalue

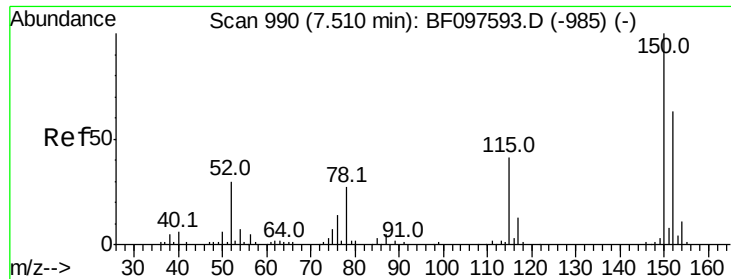
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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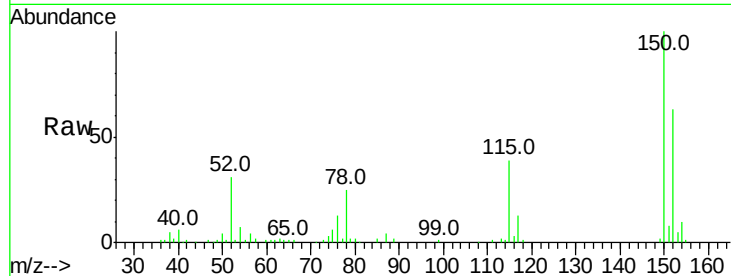


#1

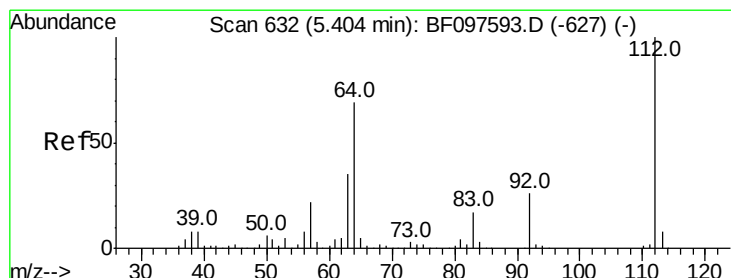
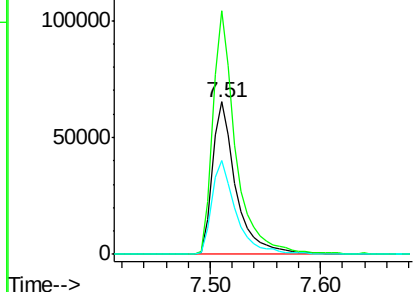
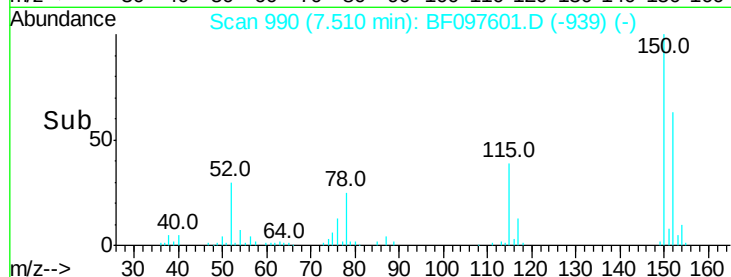
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.51 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

Tot Ion:152 Resp: 95811
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 61.7 52.2 78.2



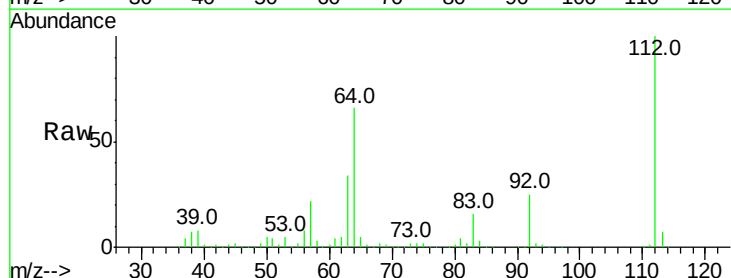
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



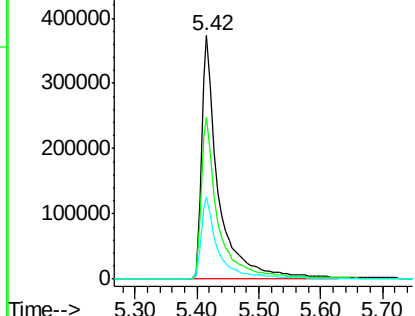
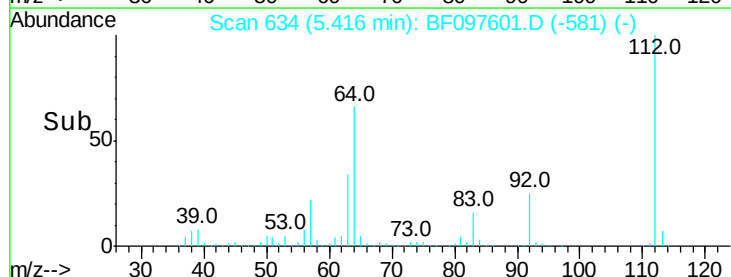
#5

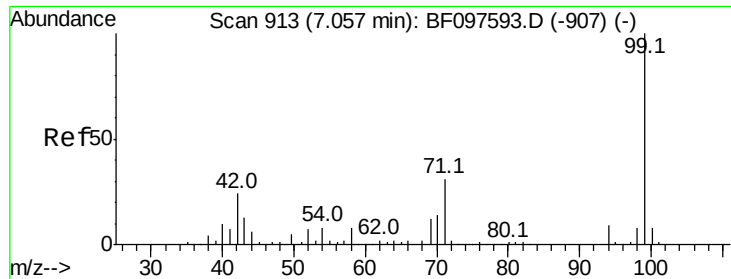
2-Fluorophenol
 Concen: 120.414 ng
 RT: 5.42 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Tgt Ion:112 Resp: 725826
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.0 69.0
 63 33.9 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: 117.972 ng

RT: 7.05 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF097601.D

Acq: 11 Aug 2017 18:36

Instrument :

BNA_F

ClientSampleId :

PB101452BL

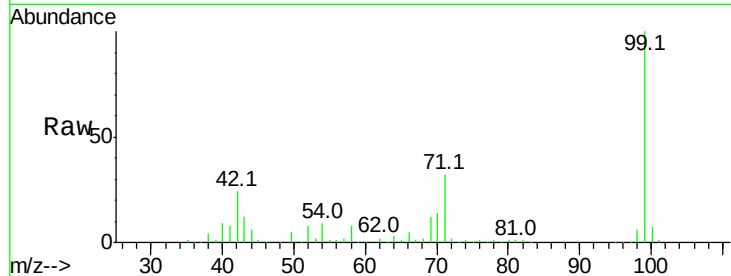
Tot Ion: 99 Resp: 882138

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

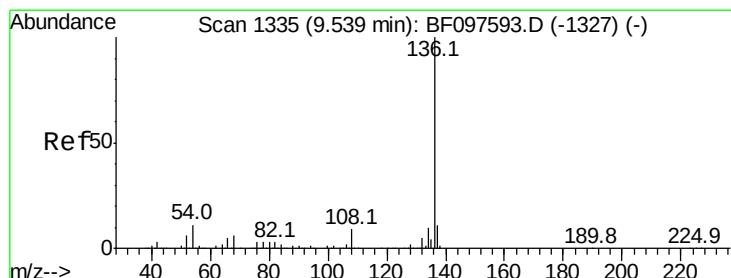
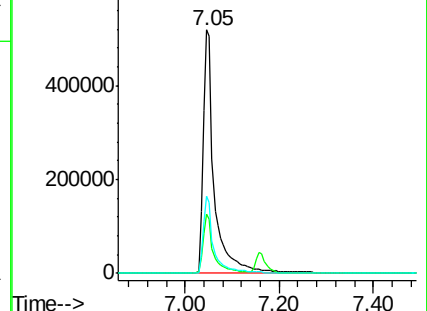
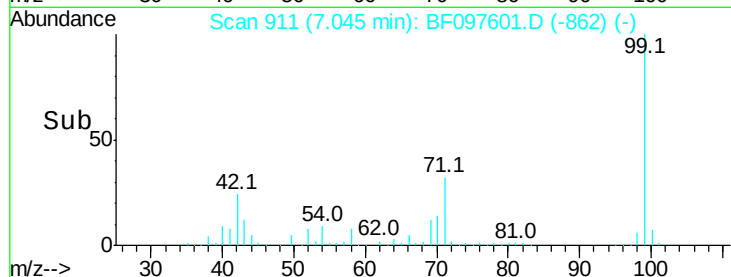
71 31.6 24.5 36.7



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: 9.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF097601.D

Acq: 11 Aug 2017 18:36

Tgt Ion: 136 Resp: 397060

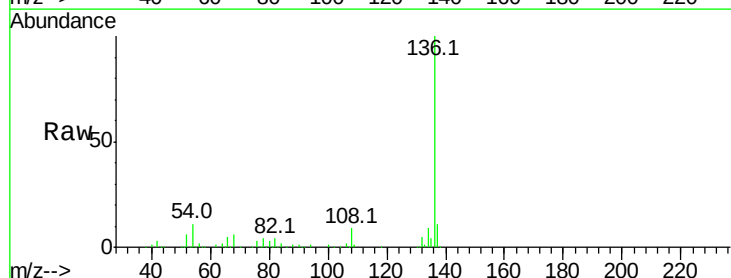
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.1 4.9 7.3#

68 6.1 4.1 6.1

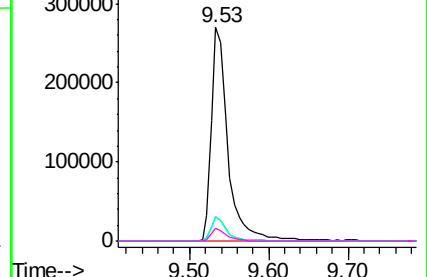
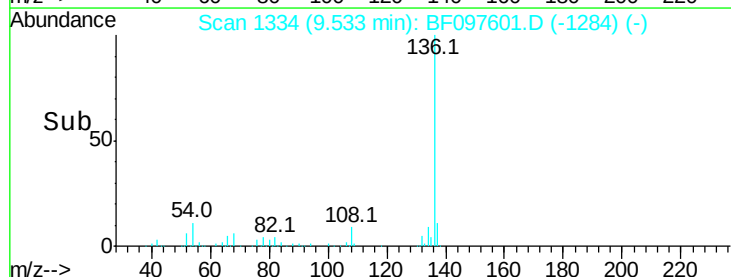


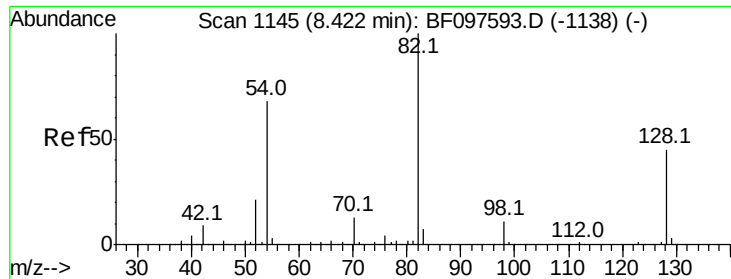
Abundance Ion 136.00 (135.70 to 136.70): E

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

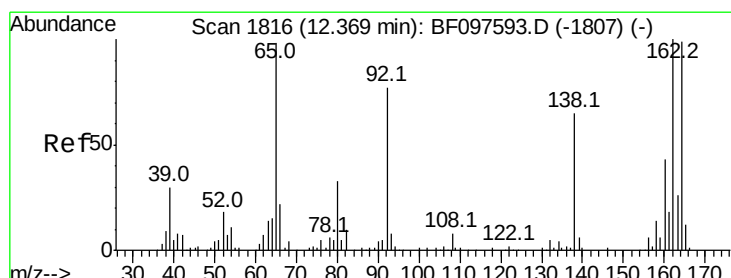
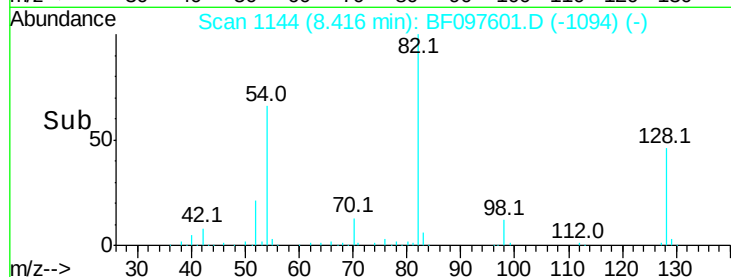
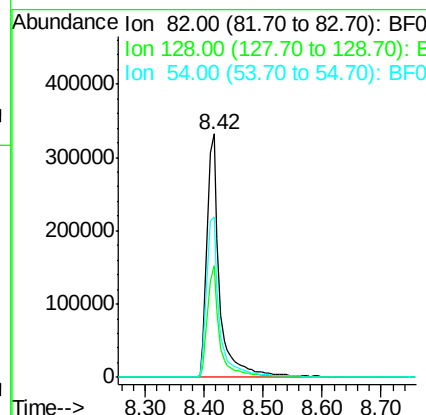
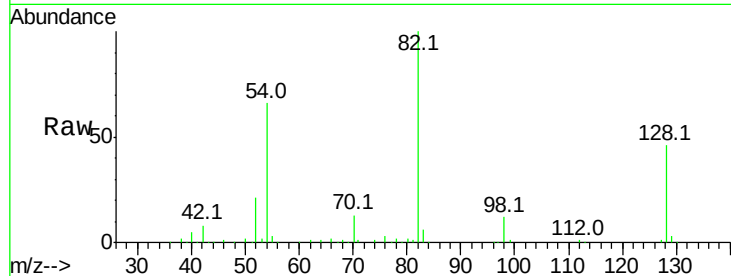




#23
 Nitrobenzene-d5
 Concen: 79.384 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

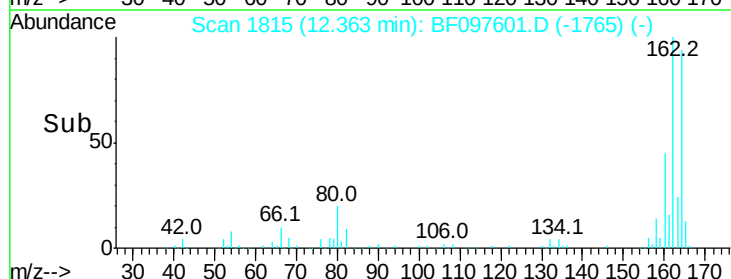
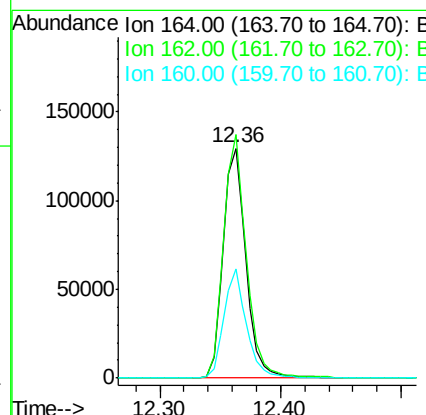
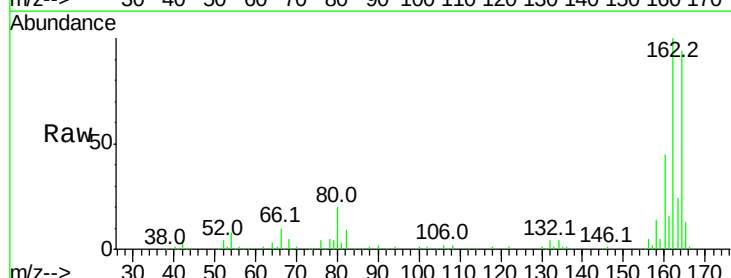
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

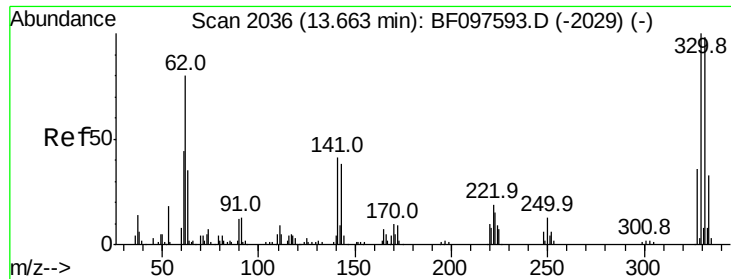
Tot Ion: 82 Resp: 502680
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 66.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.36 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Tgt Ion:164 Resp: 168450
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.6 123.8
 160 47.7 36.2 54.2

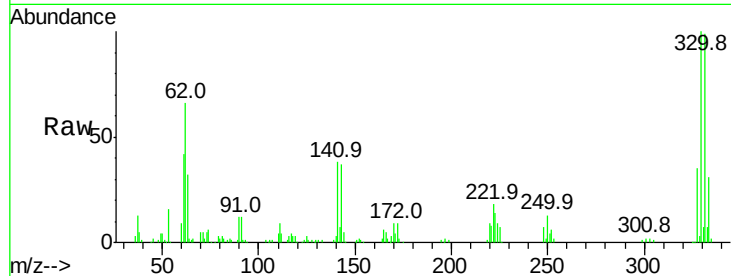




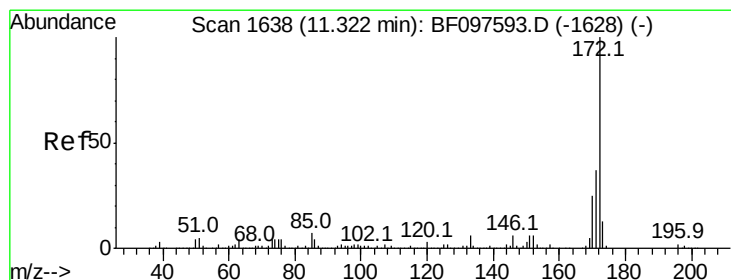
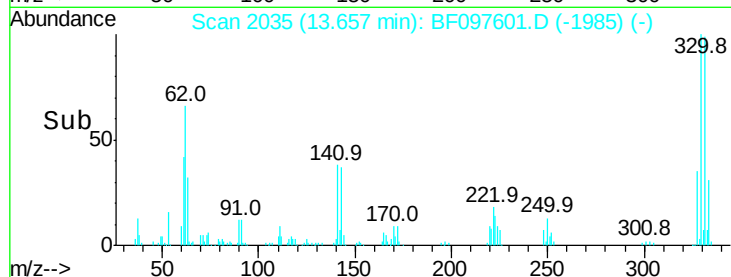
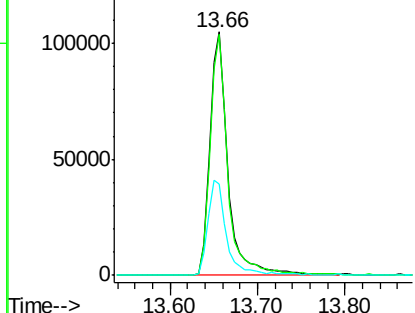
#41
 2,4,6-Tribromophenol
 Concen: 118.179 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

Tot Ion:330 Resp: 151332
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.6 31.4 47.2

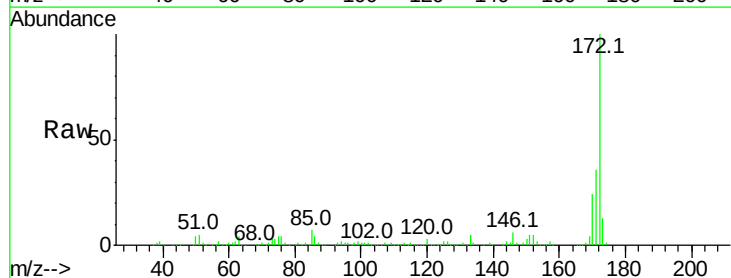


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

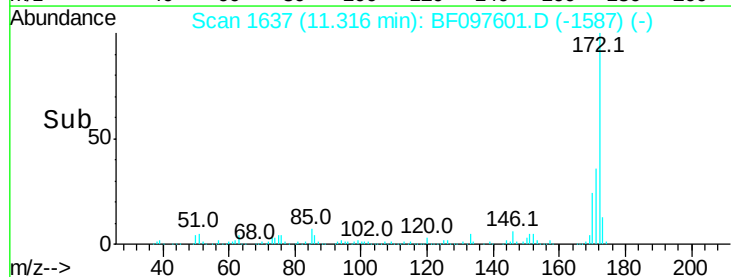
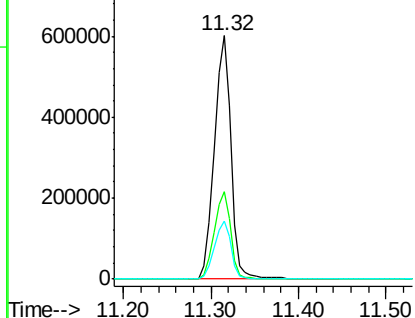


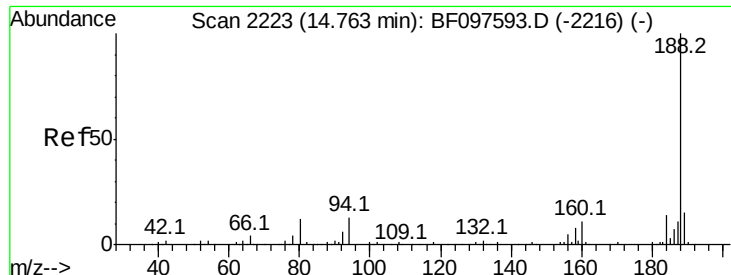
#44
 2-Fluorobiphenyl
 Concen: 71.512 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Tgt Ion:172 Resp: 798191
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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

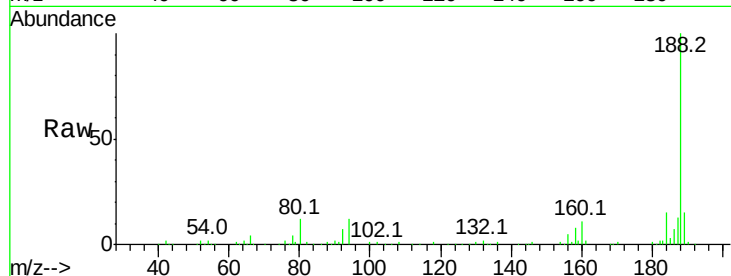




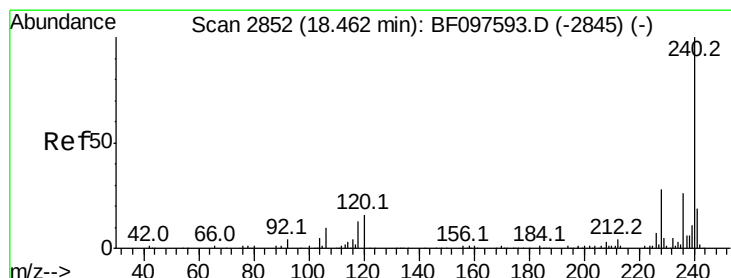
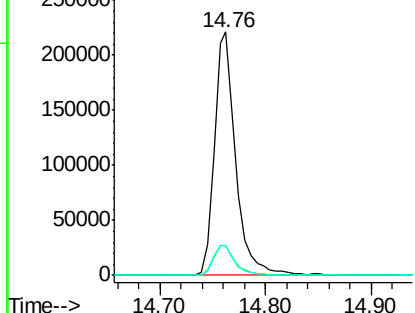
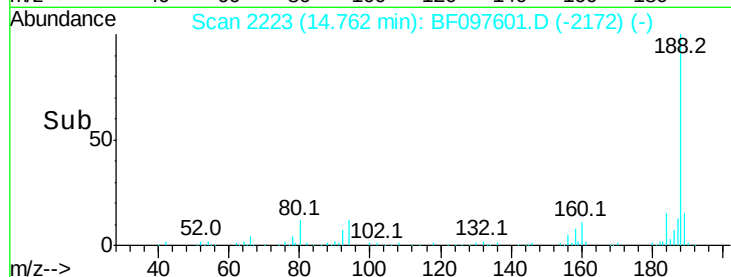
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.0	10.2	15.2

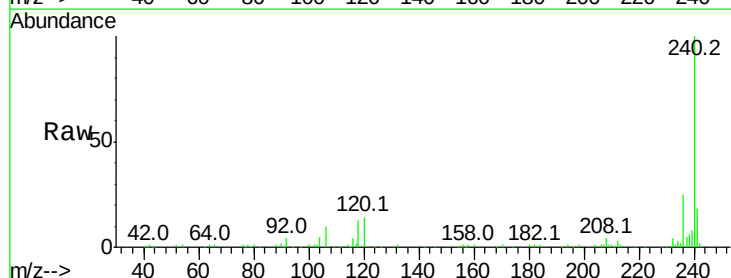


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

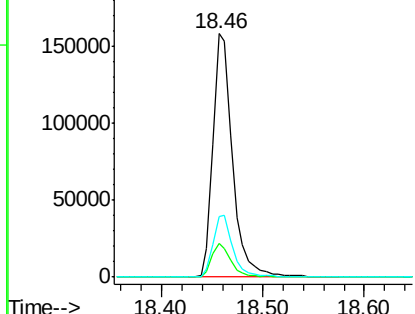
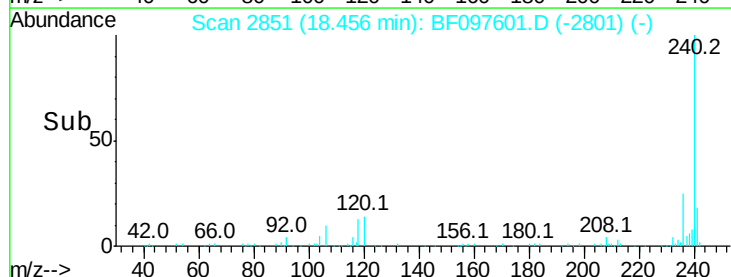


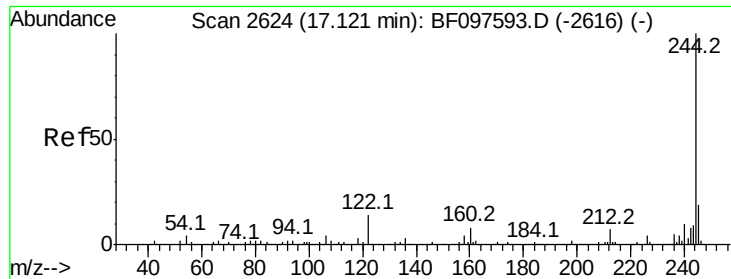
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.46 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.9	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

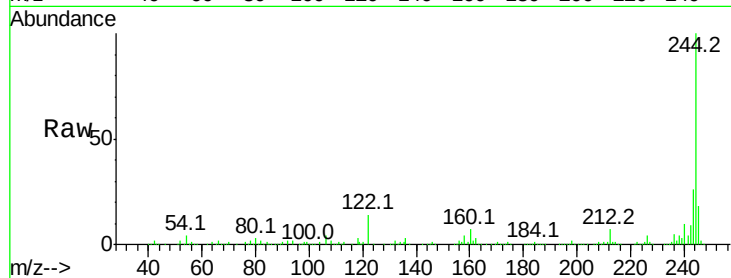




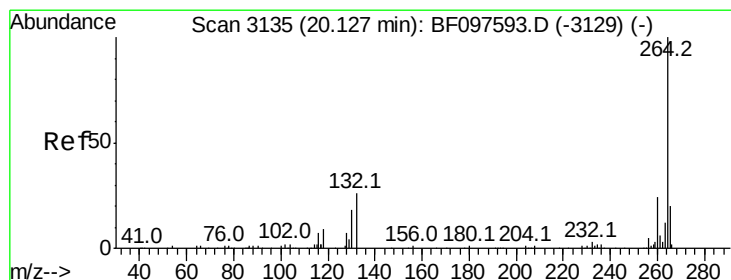
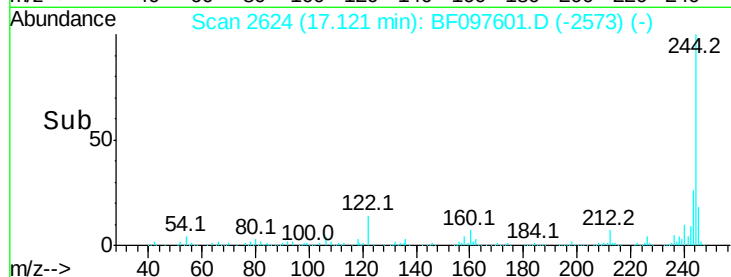
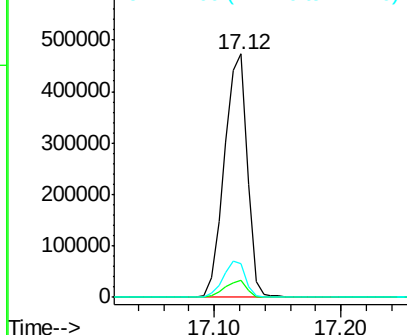
#78
 Terphenyl-d14
 Concen: 57.357 ng
 RT: 17.12 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BL

Tot Ion:244 Resp: 591052
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5

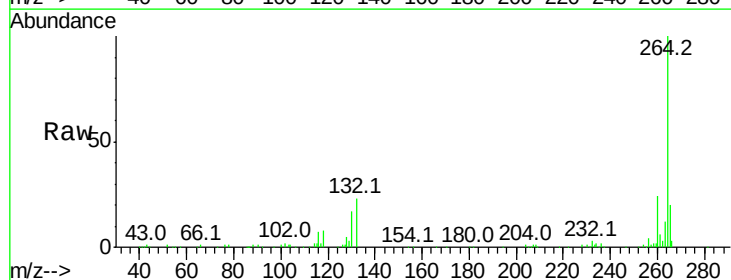


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097601.D
 Acq: 11 Aug 2017 18:36

Tgt Ion:264 Resp: 169765
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.5 17.2 25.8



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

