

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089702.D
 Acq On : 10 Aug 2016 18:36
 Operator : UM/SJ
 Sample : PB92598BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

Quant Time: Aug 11 01:52:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 01:52:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	52212	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	214137	20.00	ng	-0.01
38) Acenaphthene-d10	12.25	164	104906	20.00	ng	-0.01
63) Phenanthrene-d10	14.64	188	209441	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	155481	20.00	ng	-0.01
86) Perylene-d12	20.02	264	120767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	361472	116.04	ng	0.01
7) Phenol-d6	6.95	99	480976	113.82	ng	-0.02
23) Nitrobenzene-d5	8.31	82	296376	76.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	97763	112.93	ng	-0.01
44) 2-Fluorobiphenyl	11.21	172	570194	70.64	ng	-0.01
78) Terphenyl-d14	17.02	244	539351	68.48	ng	-0.01

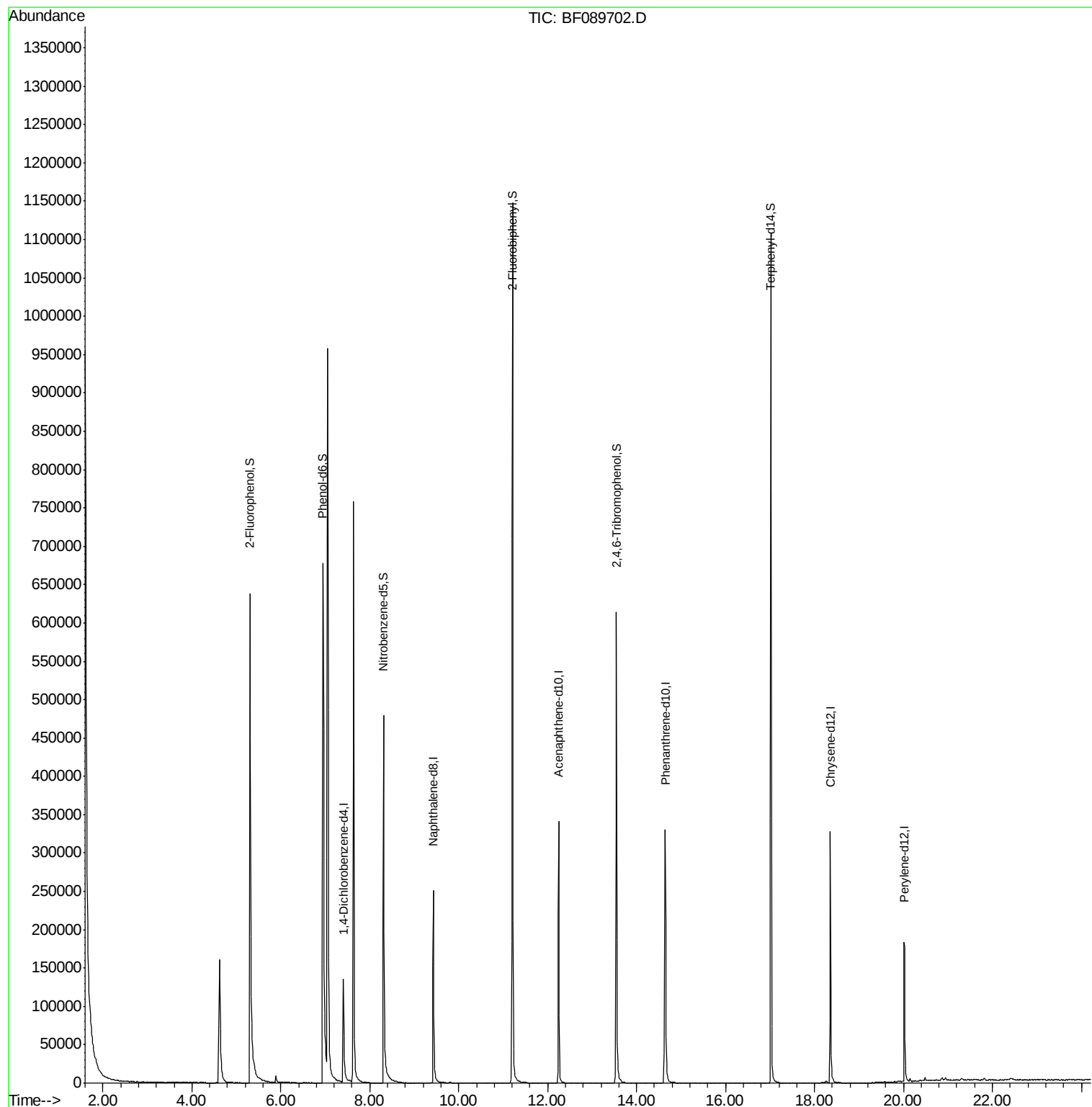
Target Compounds	Qvalue
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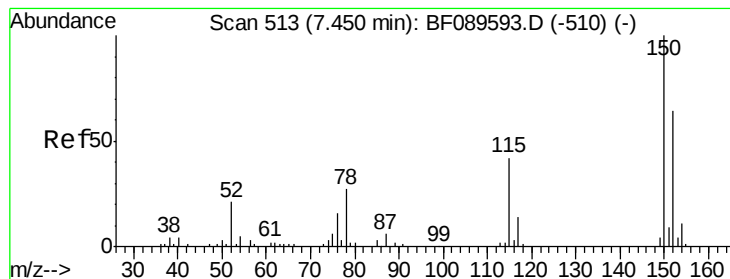
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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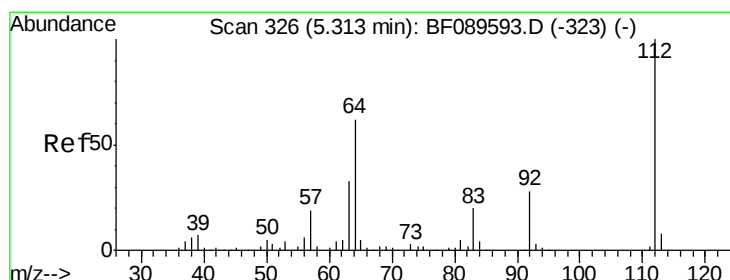
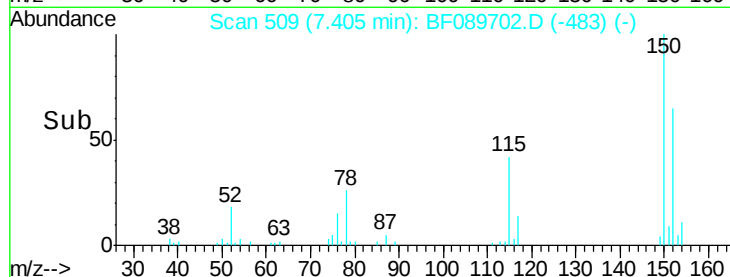
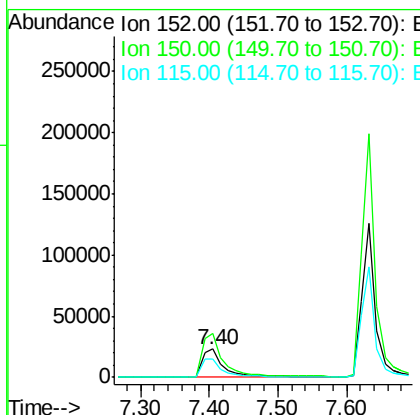
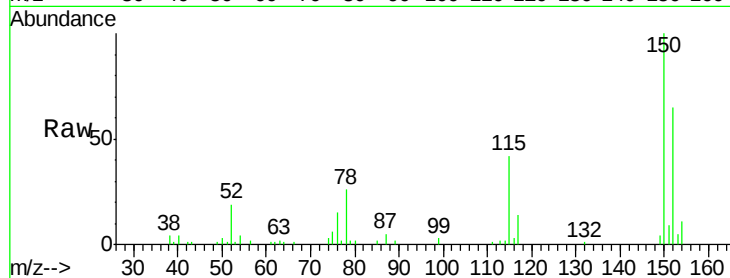




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

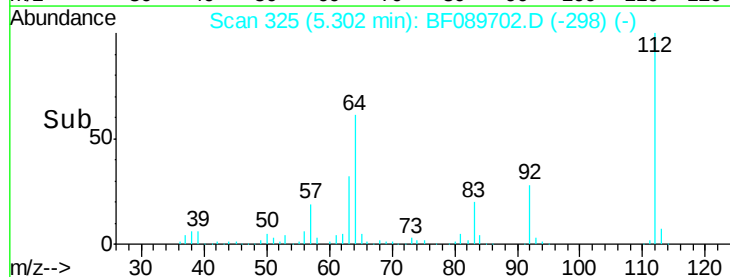
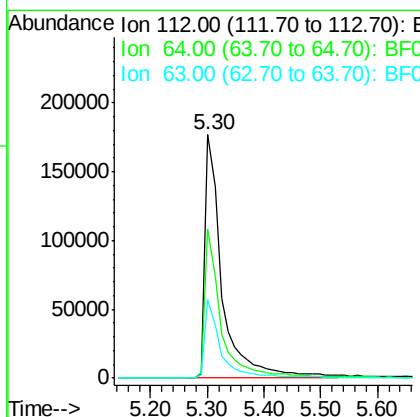
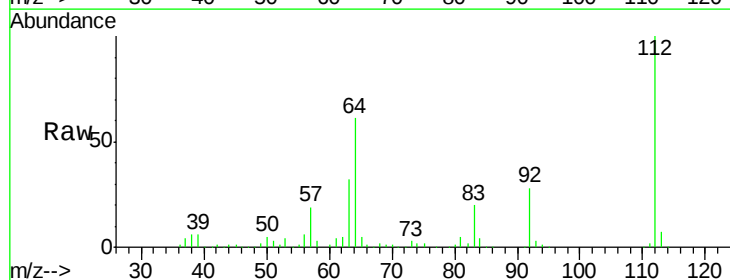
Instrument :
 BNA_F
 ClientSampleID :
 PB92598BL

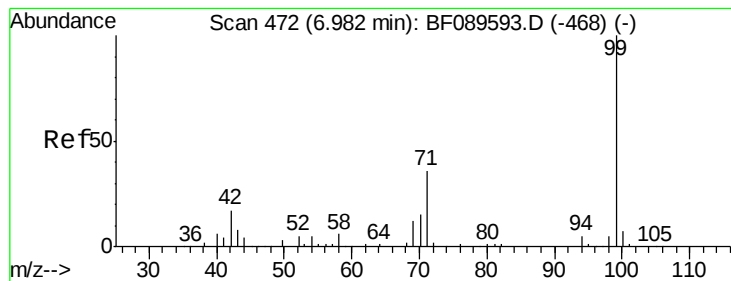
Tgt Ion:152 Resp: 52212
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.5 188.3
 115 64.4 52.0 78.0



#5
 2-Fluorophenol
 Concen: 116.04 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion:112 Resp: 361472
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.9 74.9
 63 32.5 26.1 39.1





#7

Phenol-d6

Concen: 113.82 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

PB92598BL

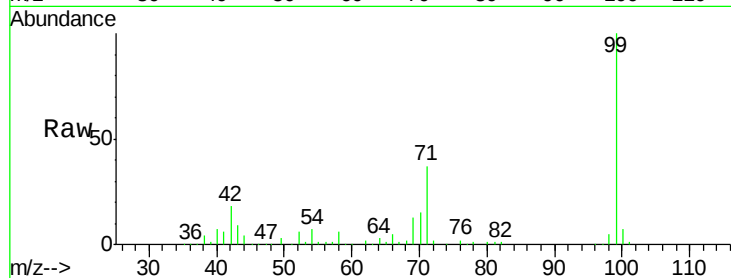
Tgt Ion: 99 Resp: 480976

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

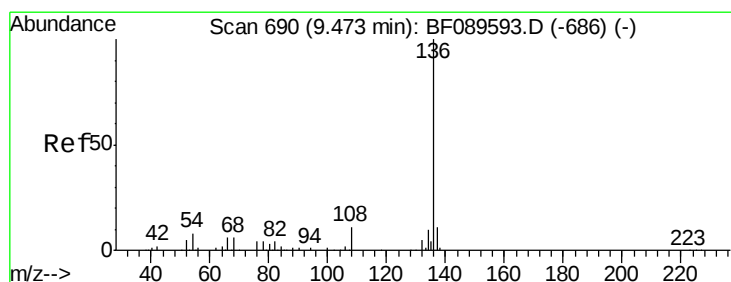
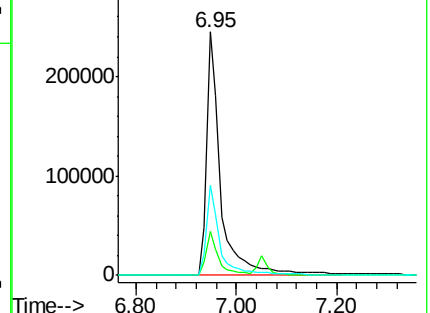
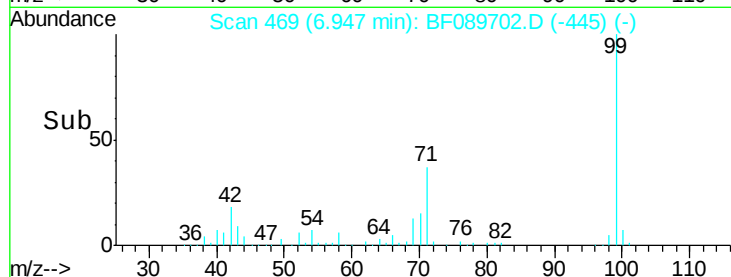
71 36.9 29.0 43.4



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: 20.00 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

Tgt Ion: 136 Resp: 214137

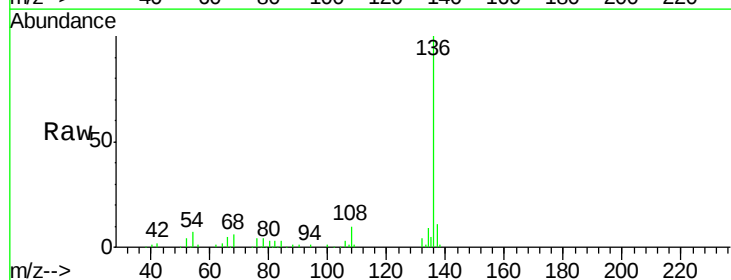
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.8 6.0 9.0

68 5.6 4.6 6.8

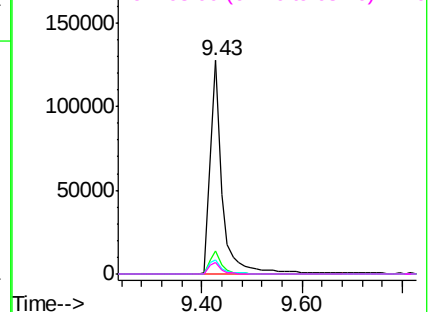
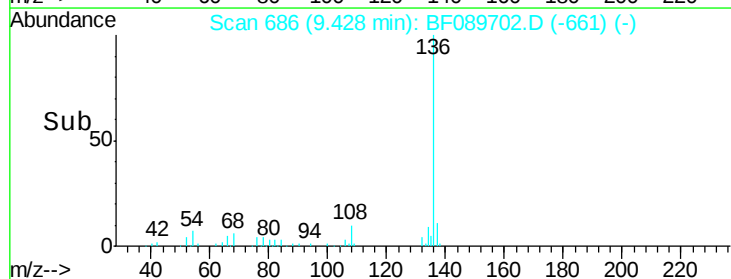


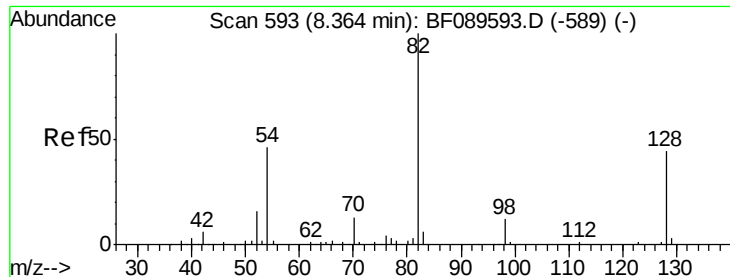
Abundance Ion 136.00 (135.70 to 136.70): E

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

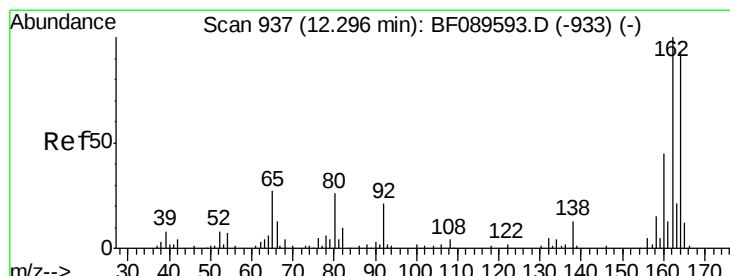
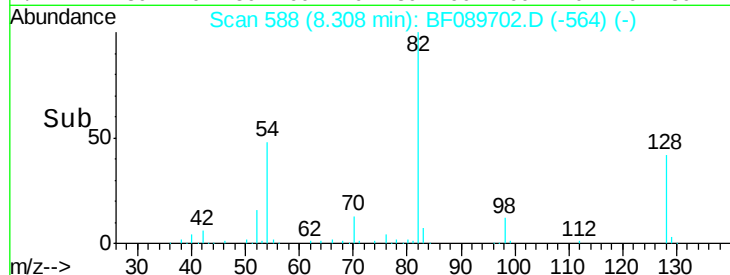
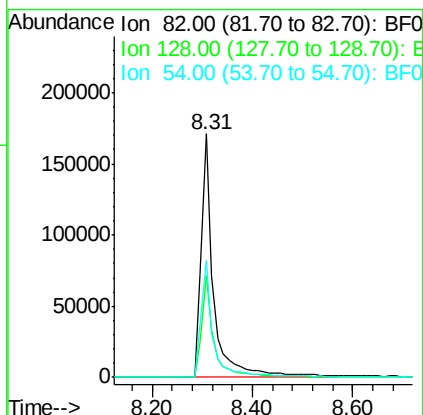
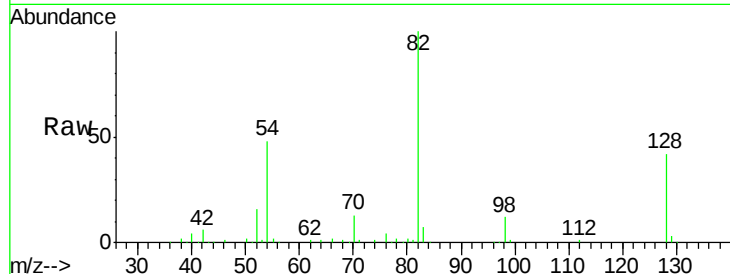




#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

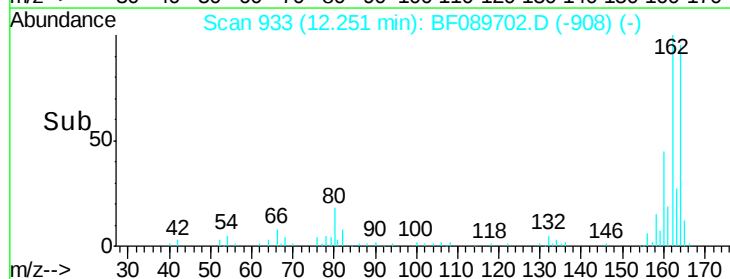
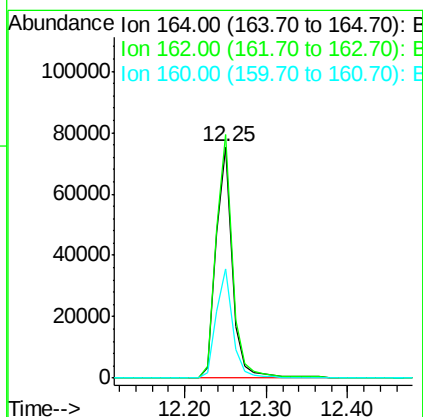
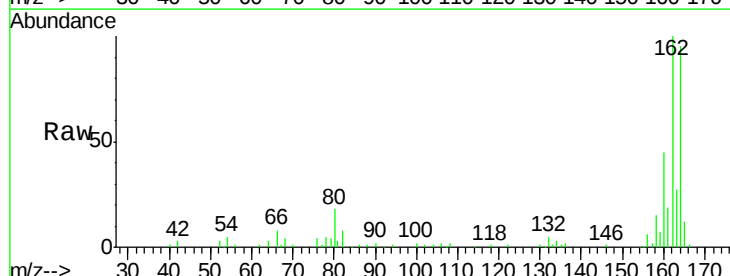
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

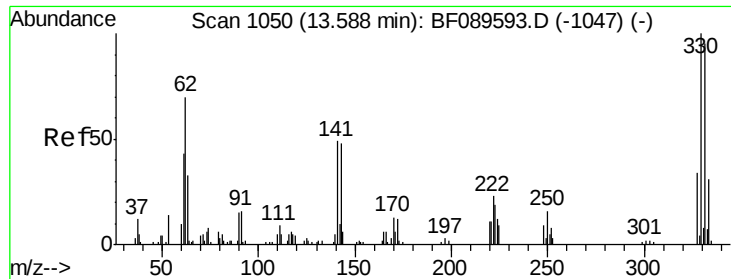
Tgt Ion: 82 Resp: 296376
 Ion Ratio Lower Upper
 82 100
 128 41.6 35.4 53.0
 54 47.8 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion: 164 Resp: 104906
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.7 128.5
 160 47.2 38.2 57.4

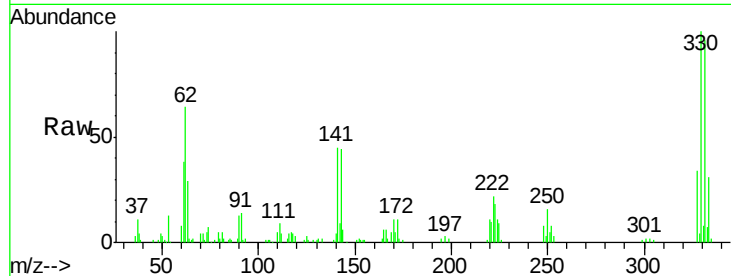




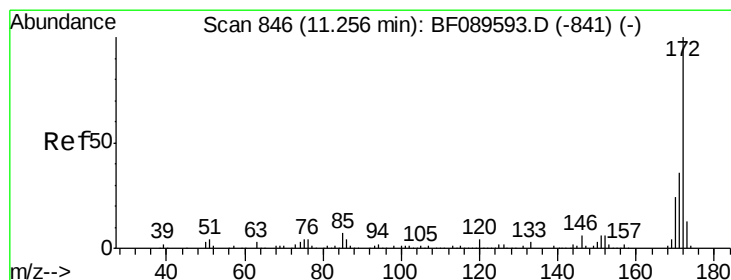
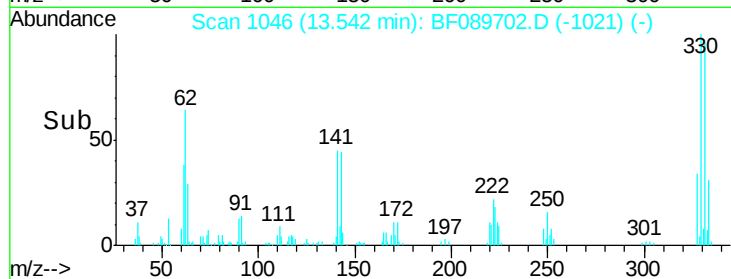
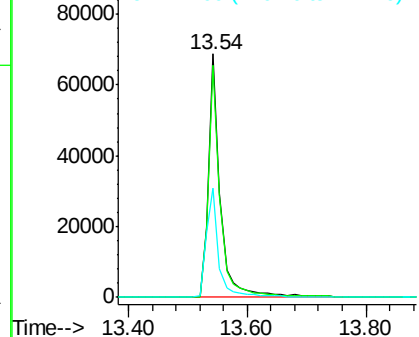
#41
 2,4,6-Tribromophenol
 Concen: 112.93 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

Tgt Ion: 330 Resp: 97763
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.6 38.6 57.8

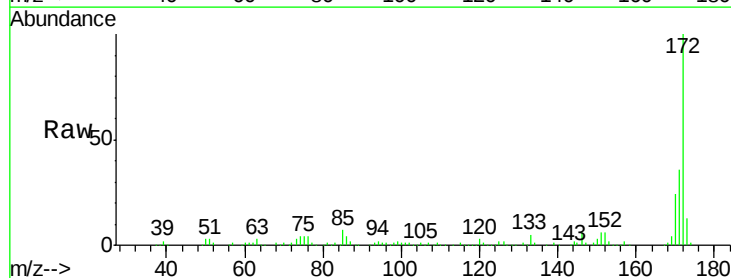


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

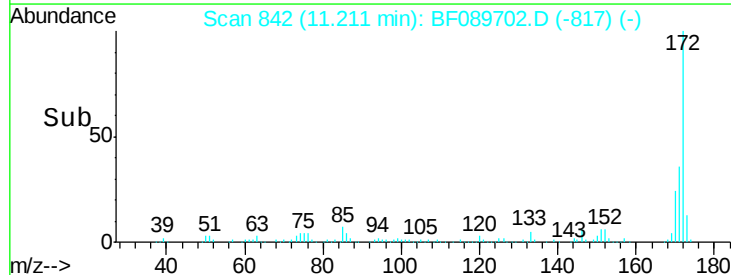
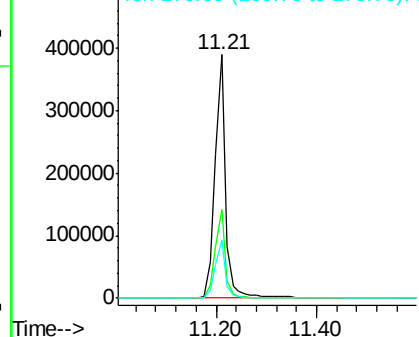


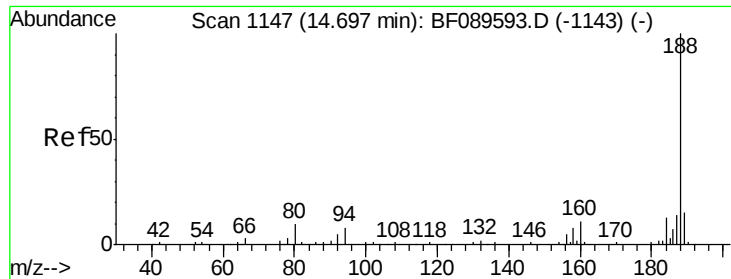
#44
 2-Fluorobiphenyl
 Concen: 70.64 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion: 172 Resp: 570194
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.0 19.0 28.6



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

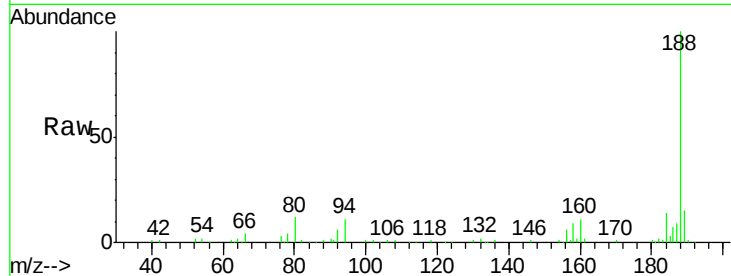




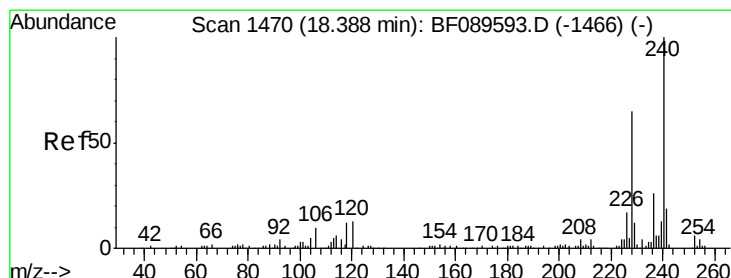
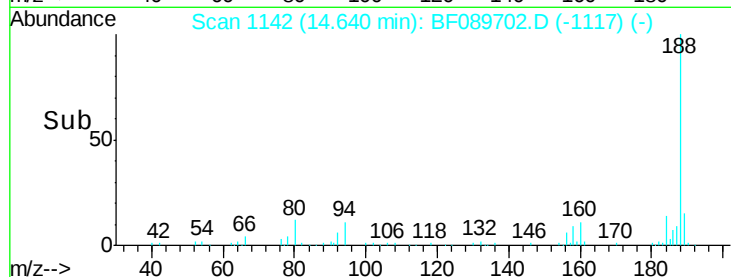
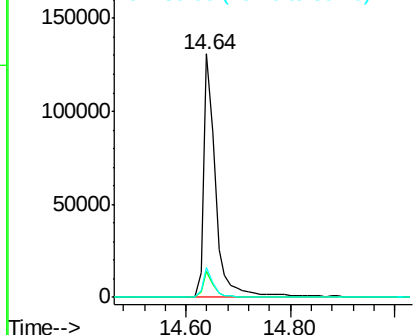
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF089702.D
Acq: 10 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :
PB92598BL

Tgt Ion:188 Resp: 209441
Ion Ratio Lower Upper
188 100
94 10.9 6.5 9.7#
80 12.4 8.0 12.0#

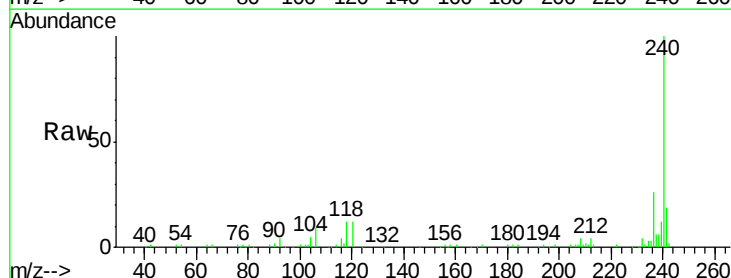


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

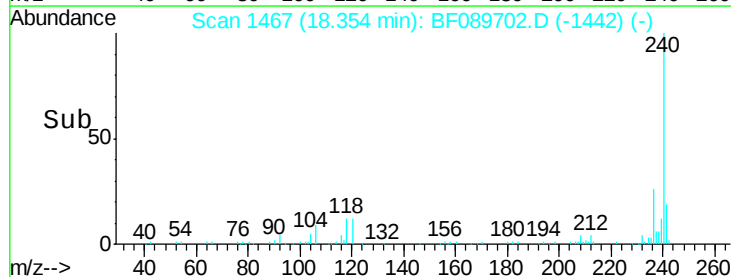
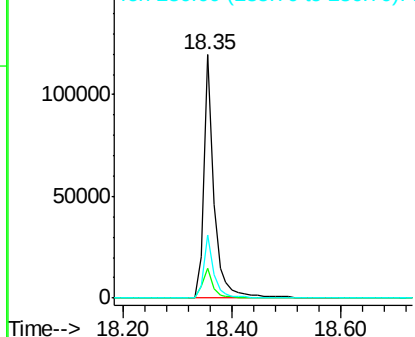


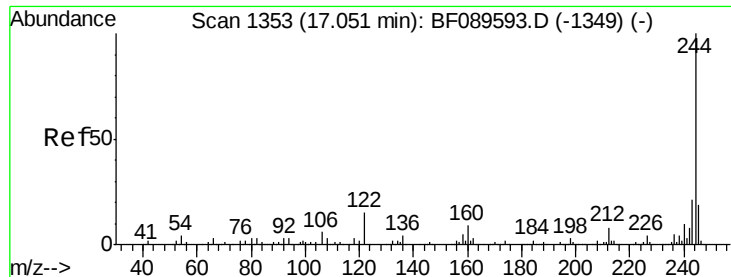
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF089702.D
Acq: 10 Aug 2016 18:36

Tgt Ion:240 Resp: 155481
Ion Ratio Lower Upper
240 100
120 12.4 10.6 15.8
236 25.7 20.6 30.8



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

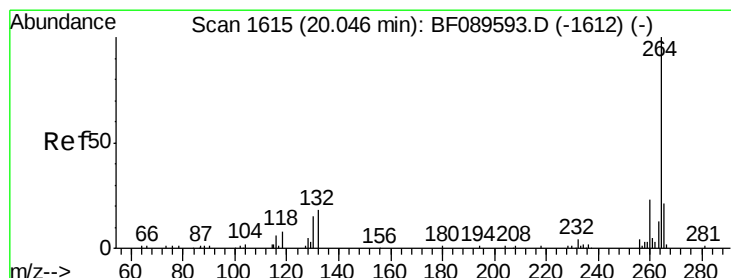
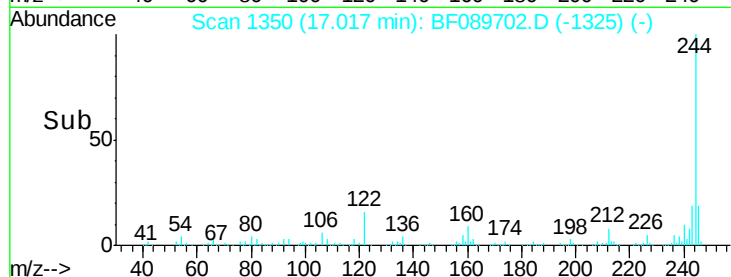
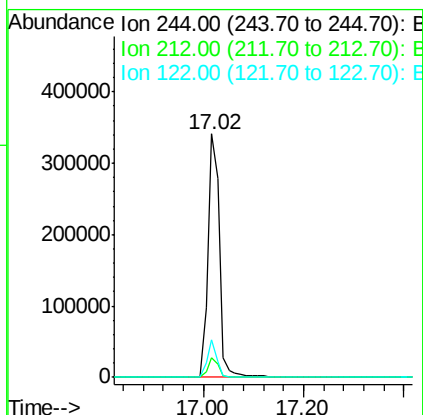
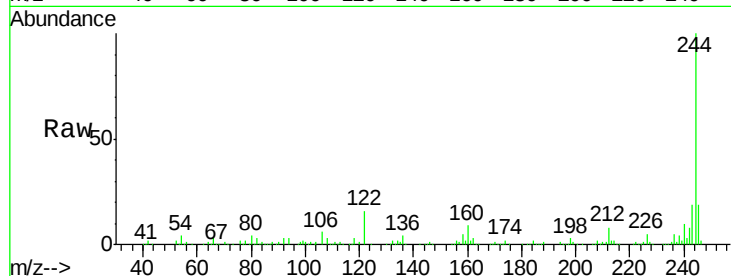




#78
 Terphenyl-d14
 Concen: 68.48 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

Tgt Ion: 244 Resp: 539351
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 15.5 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion: 264 Resp: 120767
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.0 16.5 24.7

