

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089680.D
 Acq On : 9 Aug 2016 3:41
 Operator : UM/SJ
 Sample : PB92711BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Quant Time: Aug 09 07:08:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	42794	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	183182	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	85383	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	147702	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	97172	20.00	ng	-0.02
86) Perylene-d12	20.02	264	97288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	279466	109.45	ng	0.00
7) Phenol-d6	6.96	99	383090	110.60	ng	-0.02
23) Nitrobenzene-d5	8.33	82	232889	70.32	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	58984	83.71	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	446475	67.96	ng	-0.02
78) Terphenyl-d14	17.03	244	300117	60.97	ng	-0.02

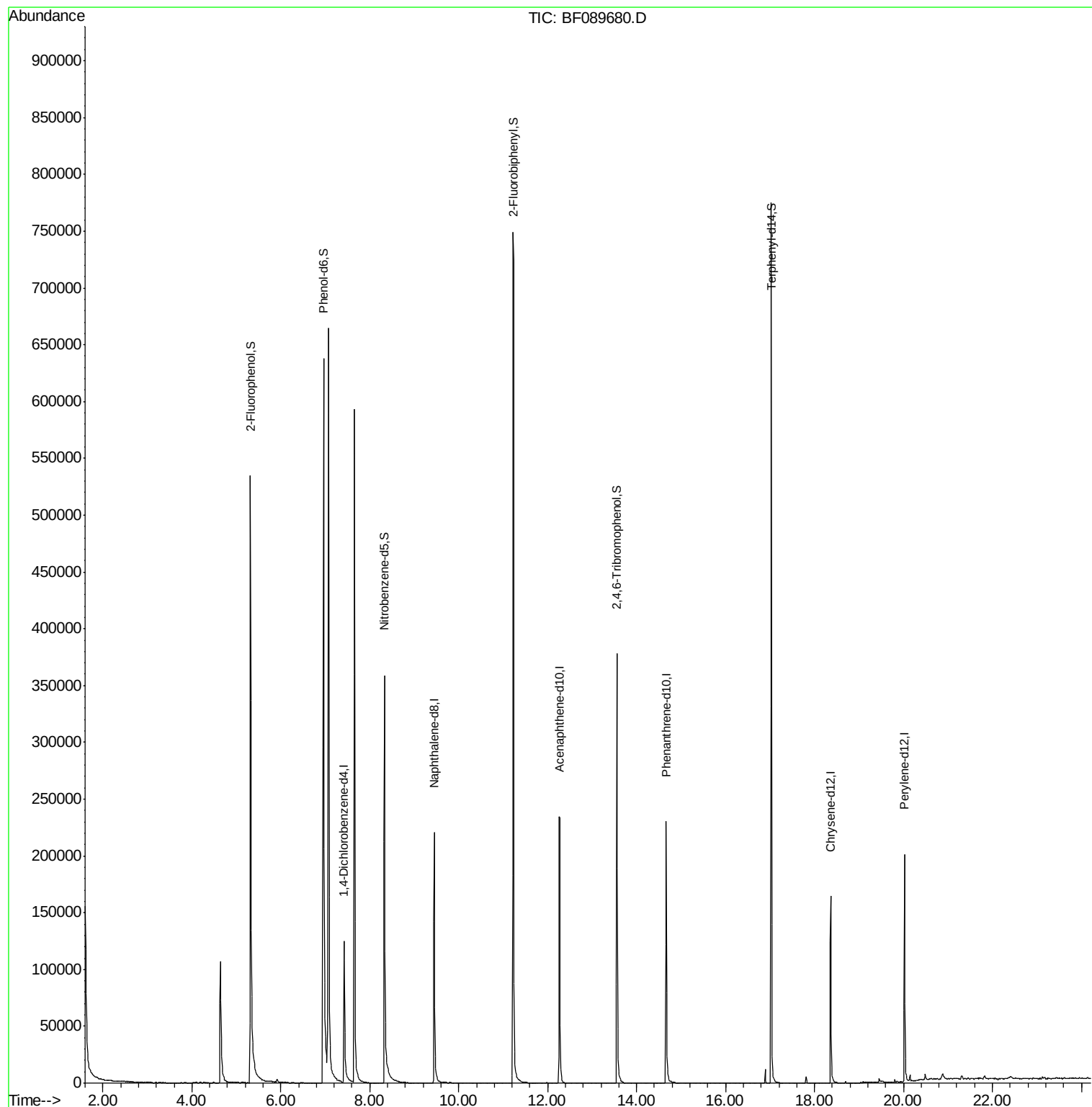
Target Compounds	Qvalue
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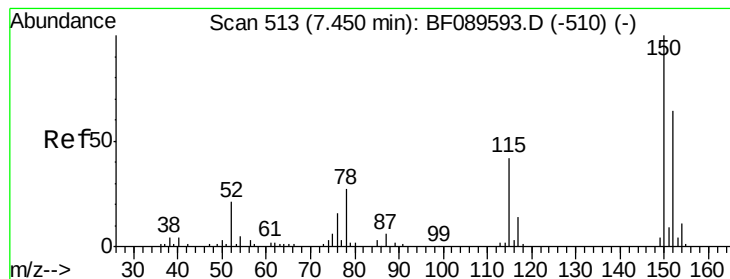
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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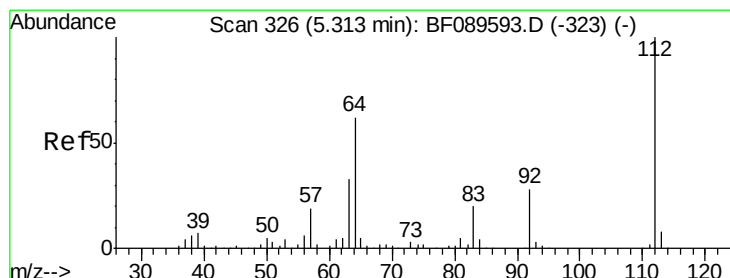
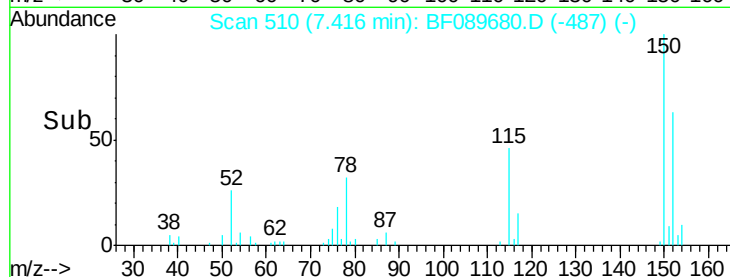
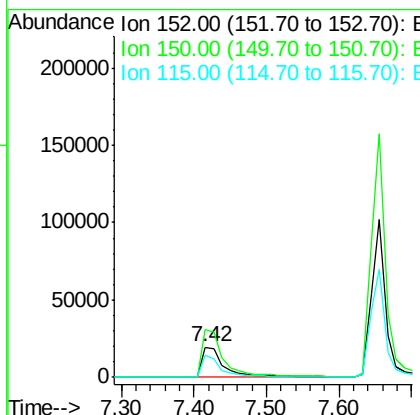
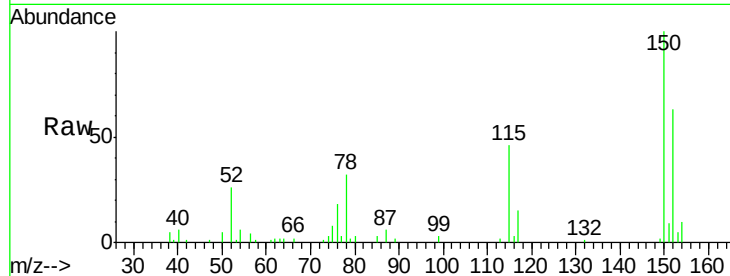




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

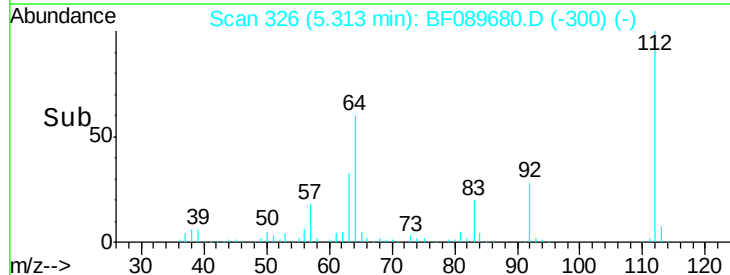
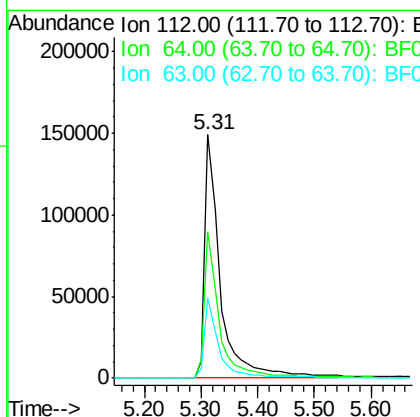
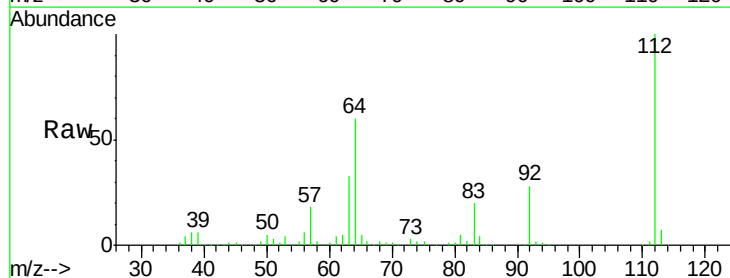
Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

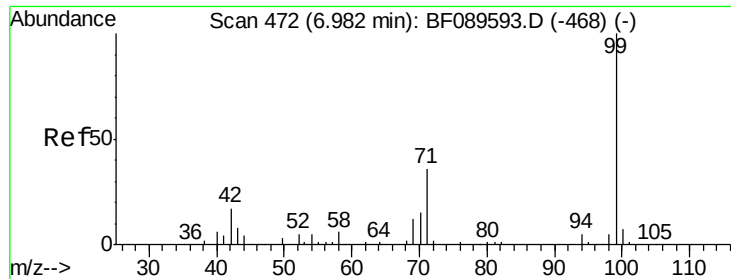
Tgt Ion:152 Resp: 42794
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.5 188.3
 115 73.2 52.0 78.0



#5
 2-Fluorophenol
 Concen: 109.45 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion:112 Resp: 279466
 Ion Ratio Lower Upper
 112 100
 64 60.1 49.9 74.9
 63 32.6 26.1 39.1





#7

Phenol-d6

Concen: 110.60 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Instrument :

BNA_F

ClientSampleId :

PB92711BL

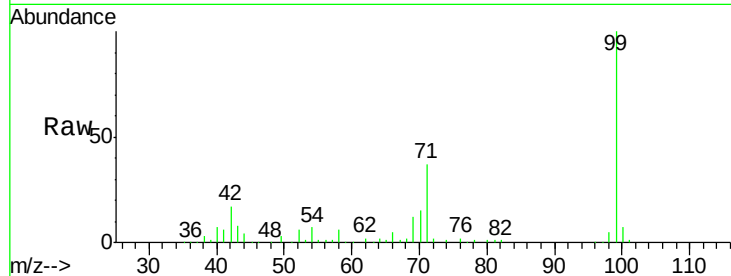
Tgt Ion: 99 Resp: 383090

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

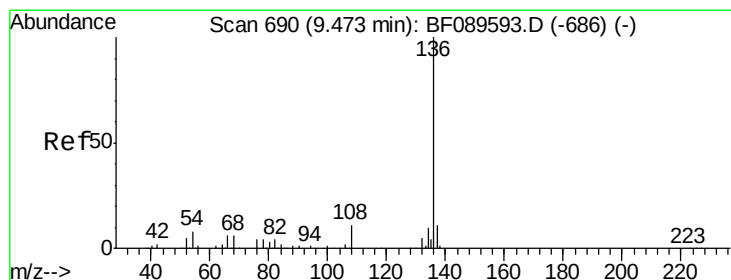
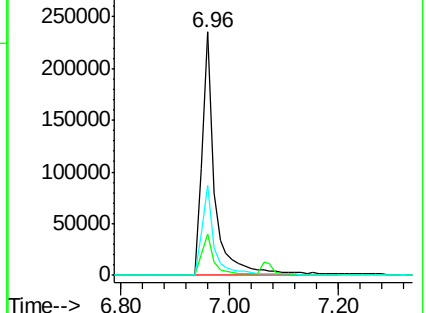
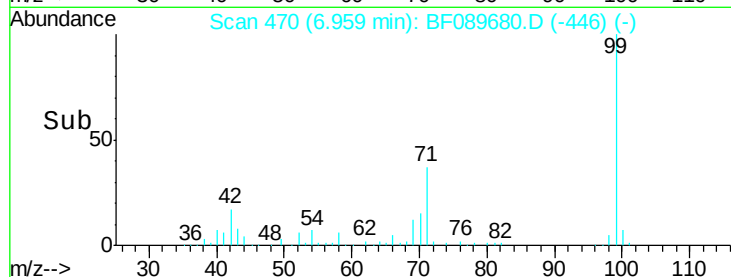
71 36.9 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Tgt Ion: 136 Resp: 183182

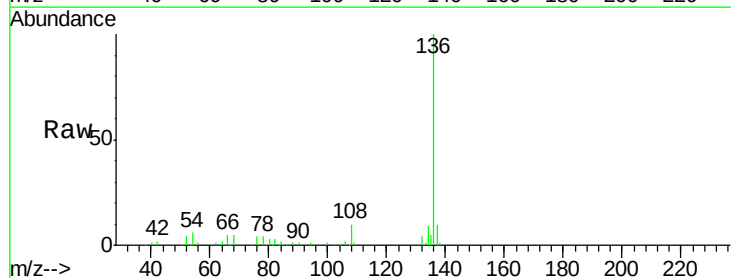
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.4 6.0 9.0

68 5.4 4.6 6.8

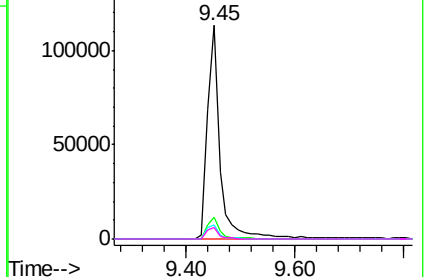
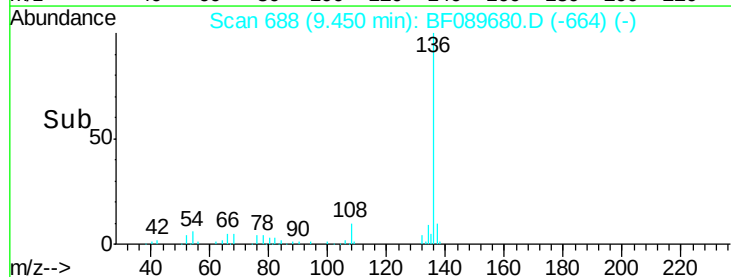


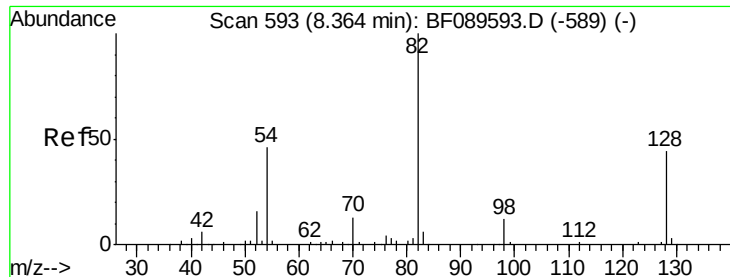
Abundance Ion 136.00 (135.70 to 136.70): E

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

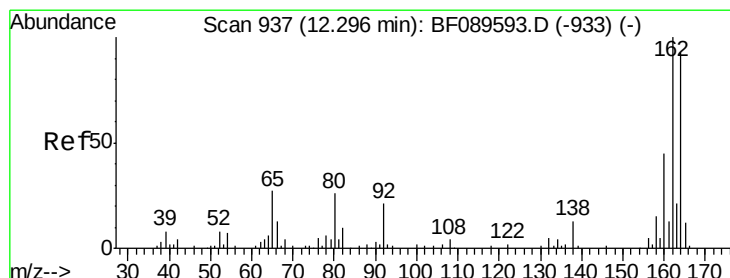
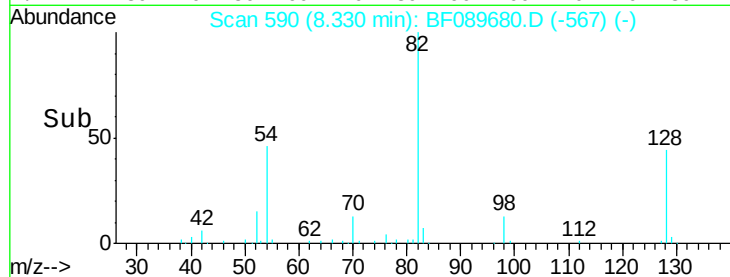
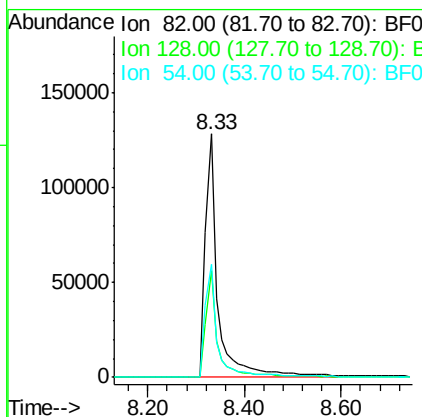
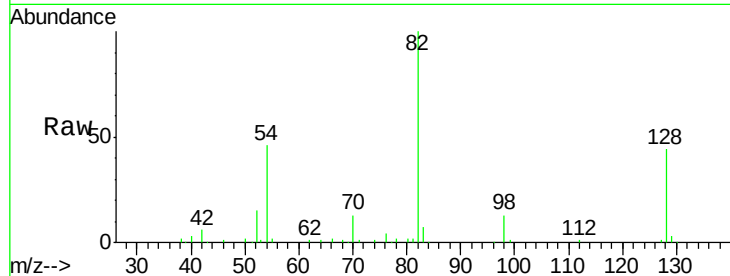




#23
 Nitrobenzene-d5
 Concen: 70.32 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

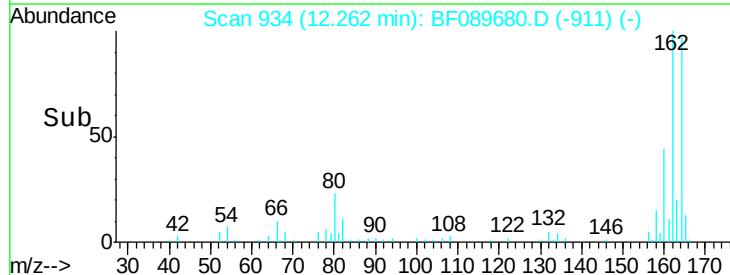
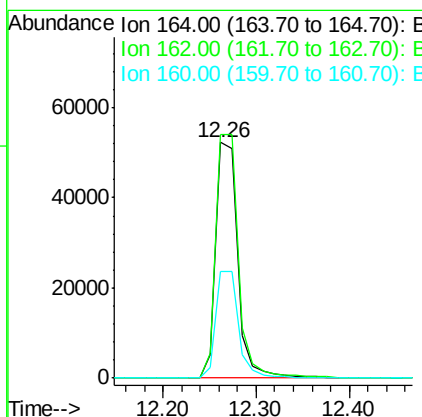
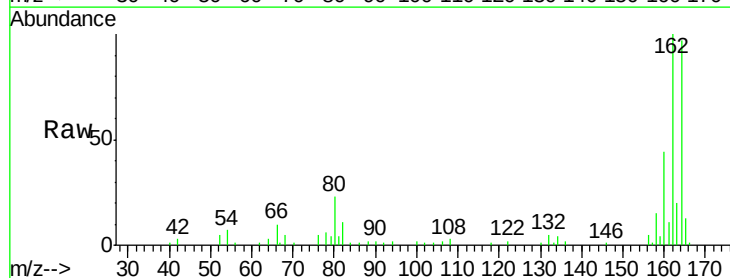
Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

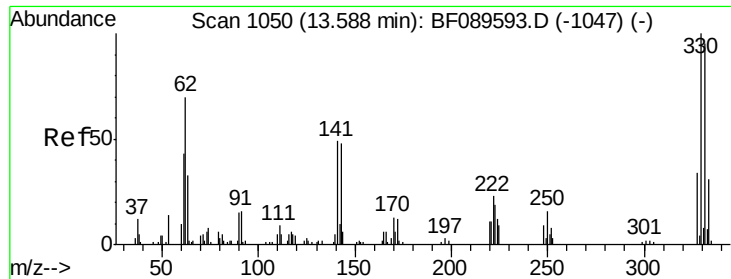
Tgt Ion: 82 Resp: 232889
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.4 53.0
 54 46.3 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion: 164 Resp: 85383
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.7 128.5
 160 45.2 38.2 57.4

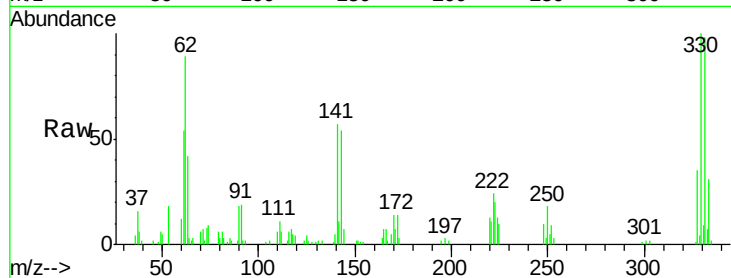




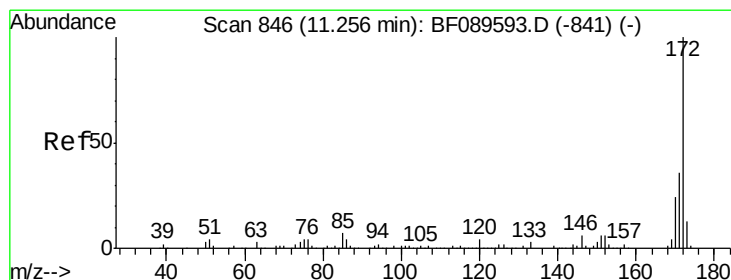
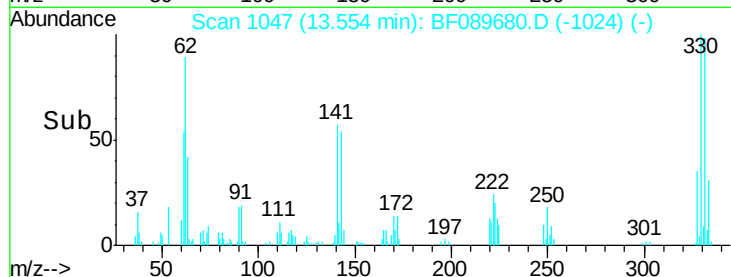
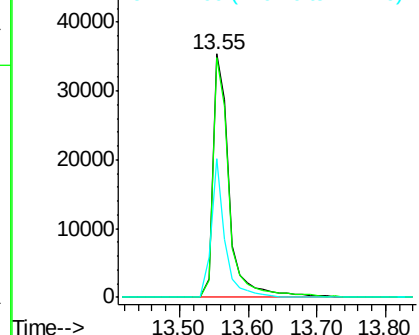
#41
 2,4,6-Tribromophenol
 Concen: 83.71 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Tgt Ion:330 Resp: 58984
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 47.3 38.6 57.8

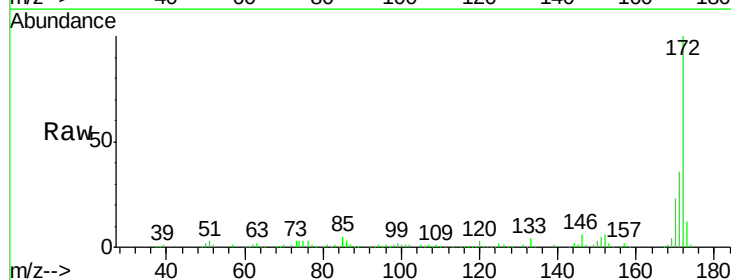


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

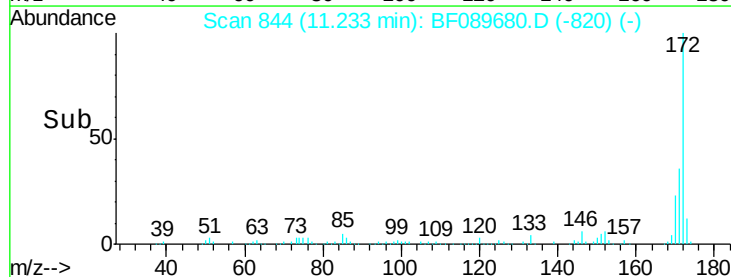
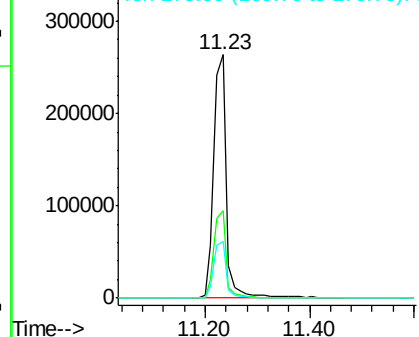


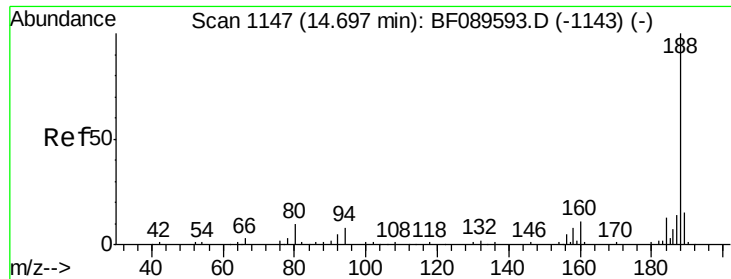
#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion:172 Resp: 446475
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.4 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

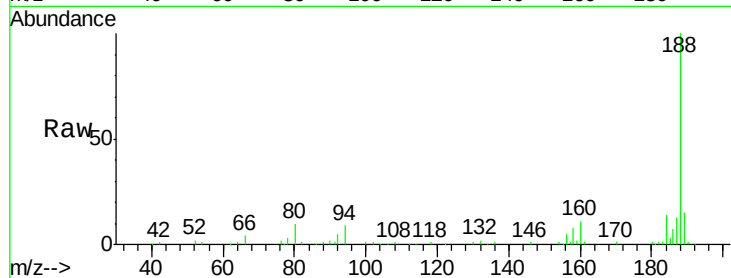




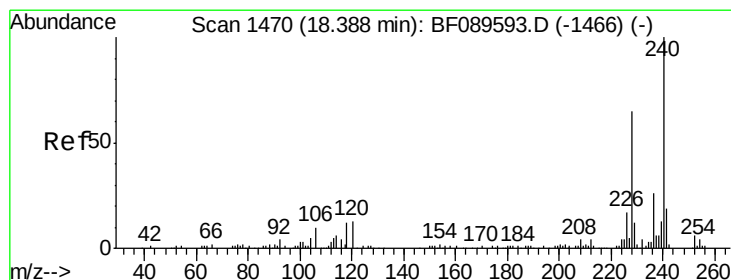
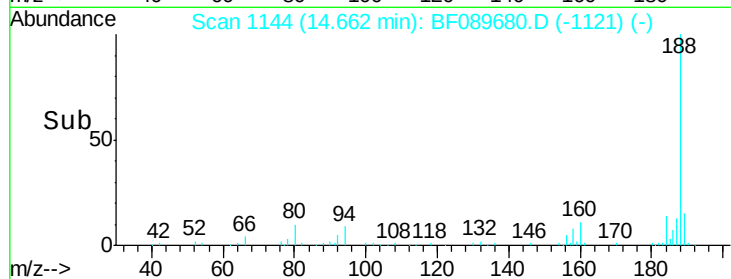
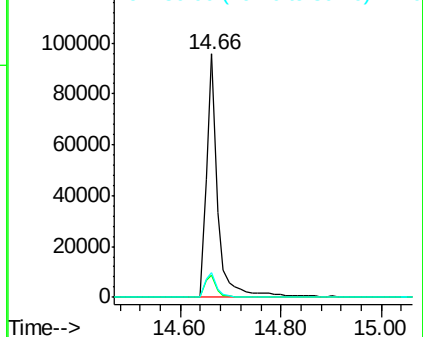
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089680.D
Acq: 9 Aug 2016 3:41

Instrument :
BNA_F
ClientSampleId :
PB92711BL

Tgt Ion:188 Resp: 147702
Ion Ratio Lower Upper
188 100
94 9.0 6.5 9.7
80 10.2 8.0 12.0

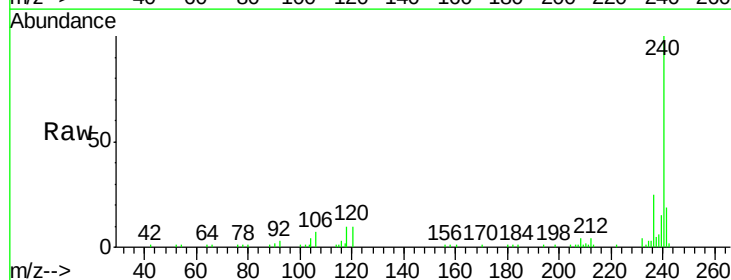


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

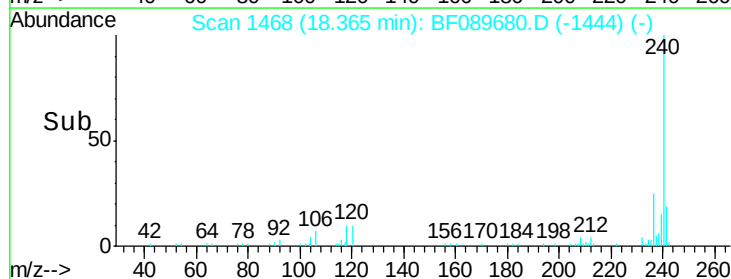
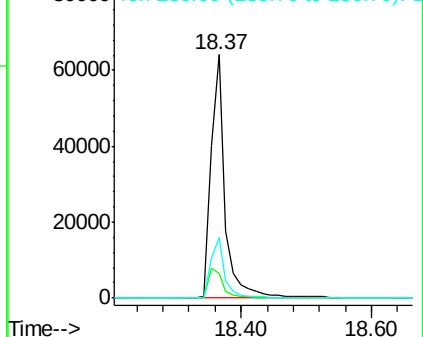


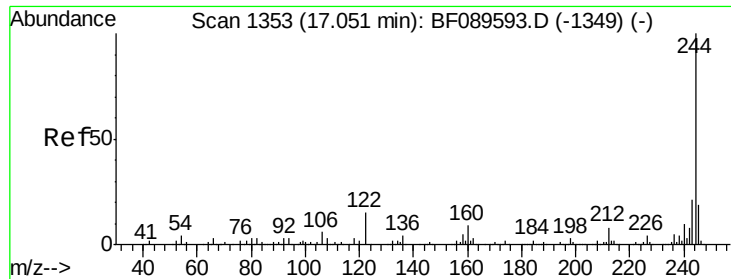
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089680.D
Acq: 9 Aug 2016 3:41

Tgt Ion:240 Resp: 97172
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 25.0 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

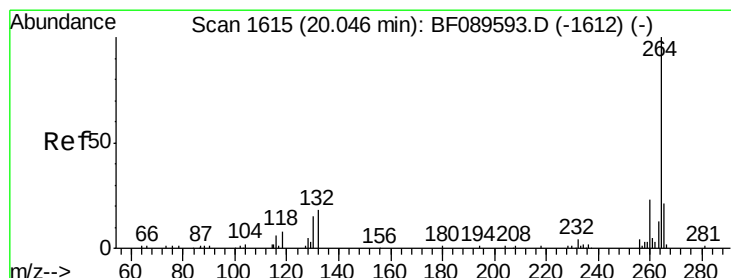
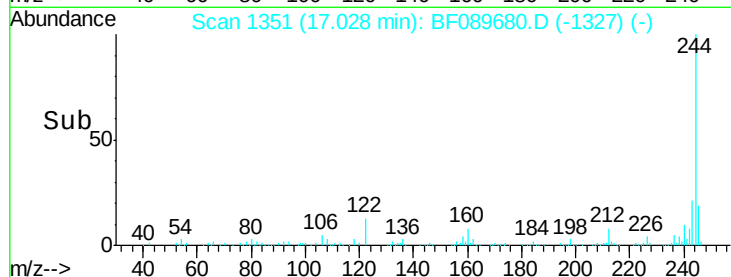
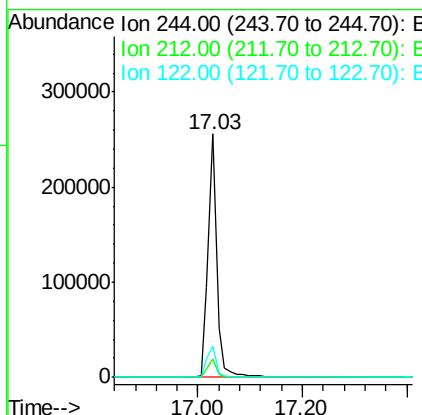
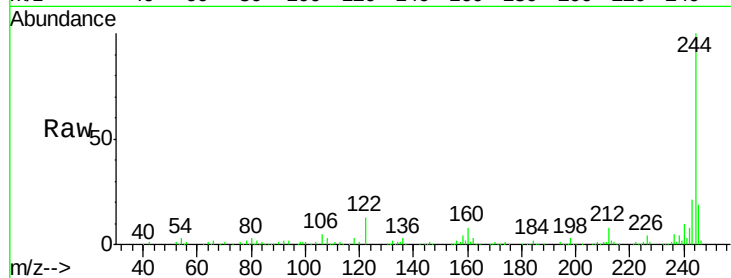




#78
 Terphenyl-d14
 Concen: 60.97 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Tgt Ion:244 Resp: 300117
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 12.8 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion:264 Resp: 97288
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.0 16.5 24.7

