

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089604.D
 Acq On : 5 Aug 2016 00:11
 Operator : UM/SJ
 Sample : PB92673TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92673TB

Quant Time: Aug 05 02:05:12 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	7.45	152	41071	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	174180	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	86293	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	171239	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	121046	20.00	ng	-0.01
86) Perylene-d12	20.05	264	90021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	232938	95.06	ng	0.02
7) Phenol-d6	6.97	99	321183	96.62	ng	-0.01
23) Nitrobenzene-d5	8.34	82	188796	59.95	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	65206	91.57	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	380869	57.36	ng	-0.01
78) Terphenyl-d14	17.05	244	368895	60.16	ng	0.00

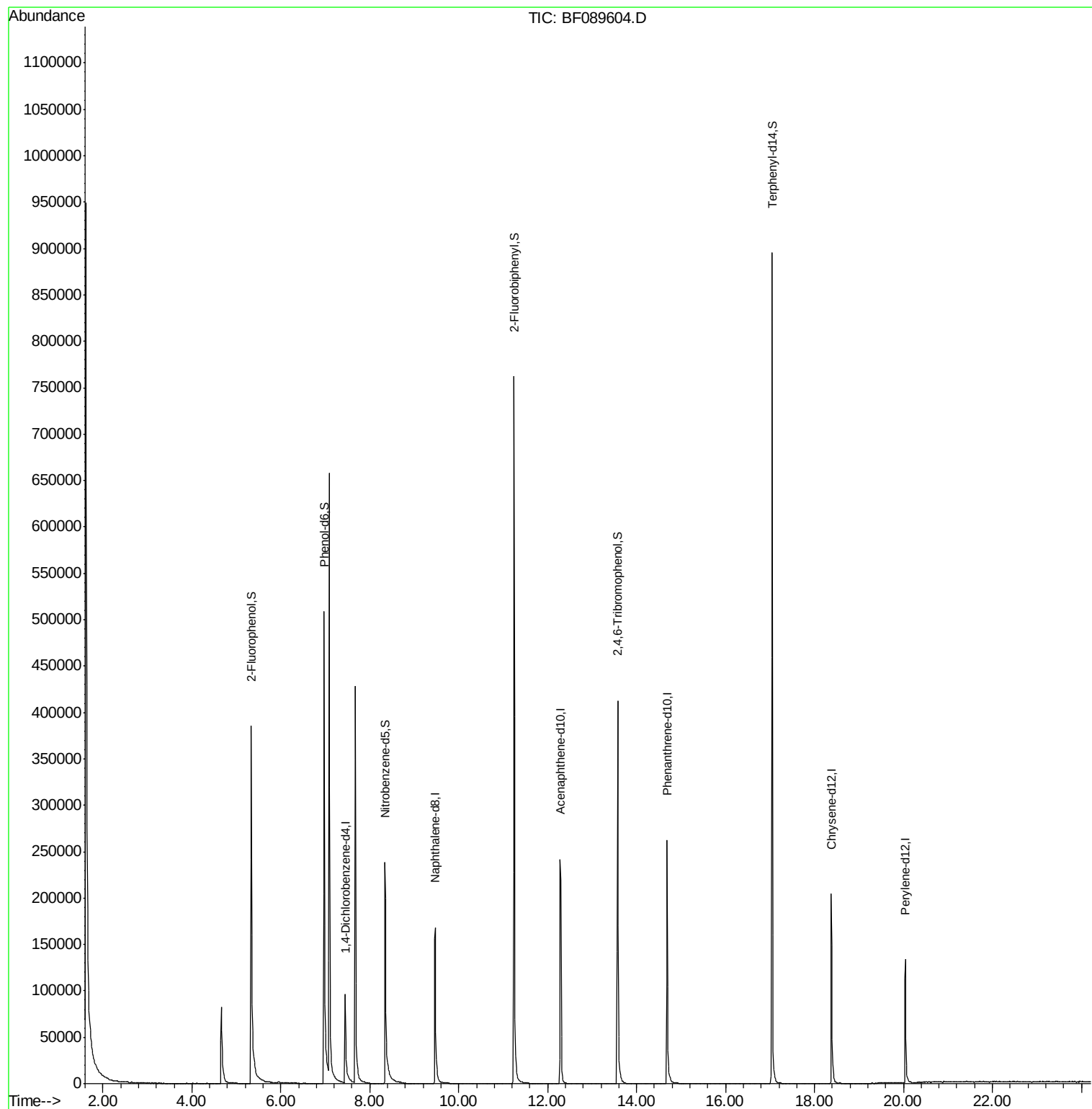
Target Compounds Qvalue

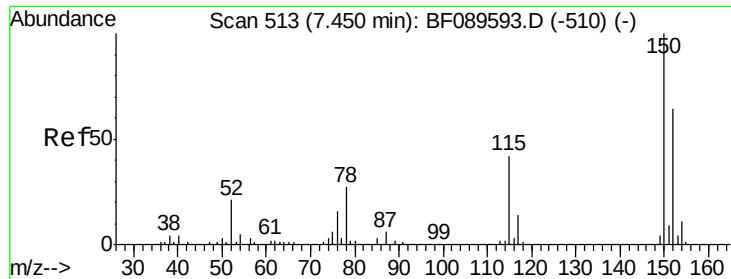
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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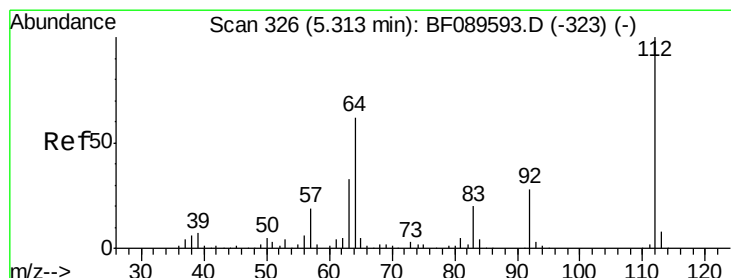
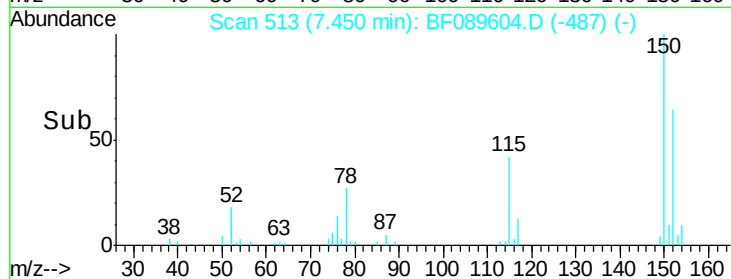
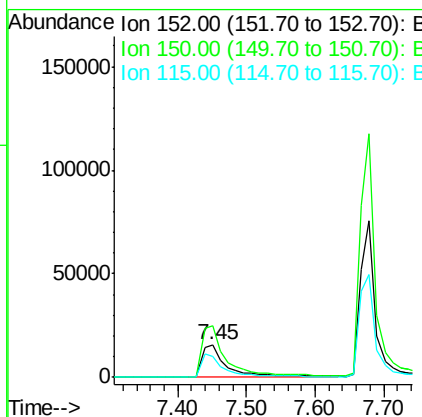
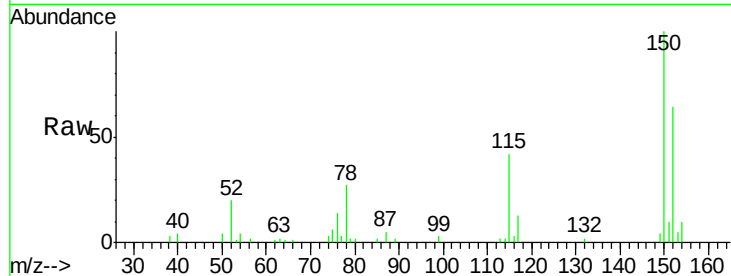




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

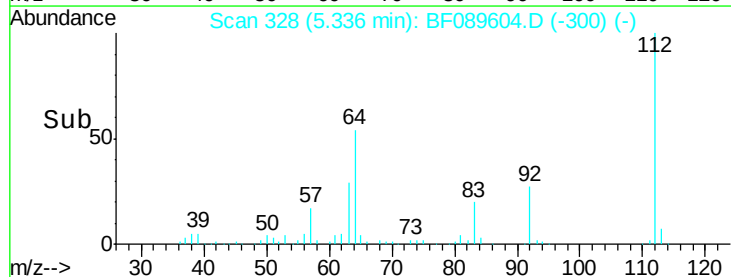
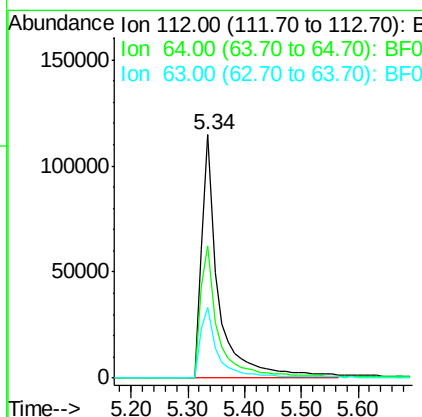
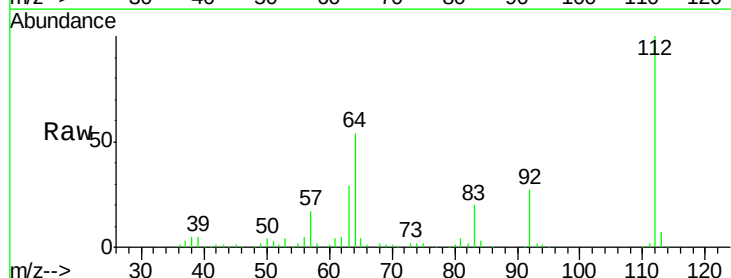
Instrument :
 BNA_F
 ClientSampleId :
 PB92673TB

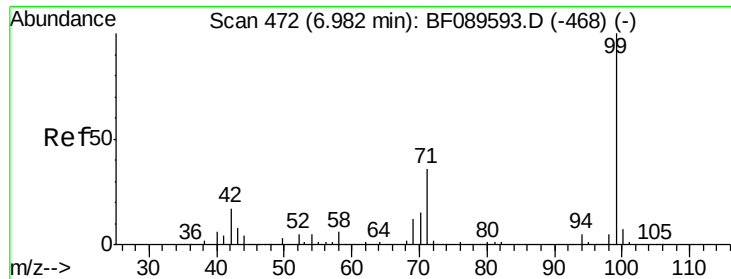
Tot Ion:152 Resp: 41071
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.5 188.3
 115 64.7 52.0 78.0



#5
 2-Fluorophenol
 Concen: 95.06 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.02 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

Tgt Ion:112 Resp: 232938
 Ion Ratio Lower Upper
 112 100
 64 54.5 49.9 74.9
 63 29.3 26.1 39.1





#7

Phenol-d6

Concen: 96.62 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089604.D

Acq: 5 Aug 2016 00:11

Instrument :

BNA_F

ClientSampleId :

PB92673TB

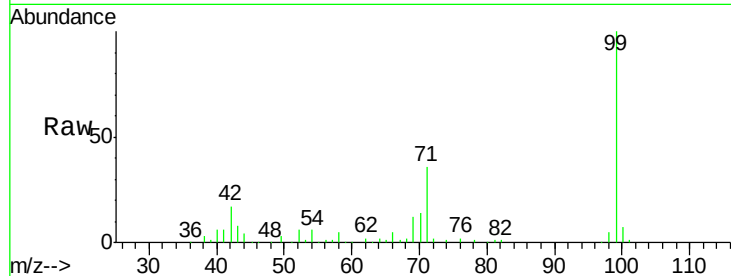
Tot Ion: 99 Resp: 321183

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

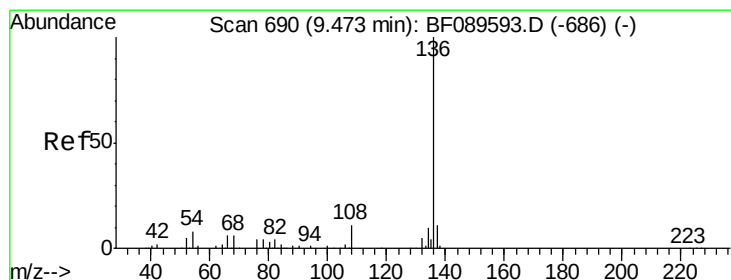
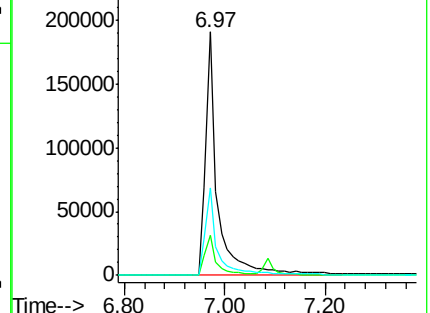
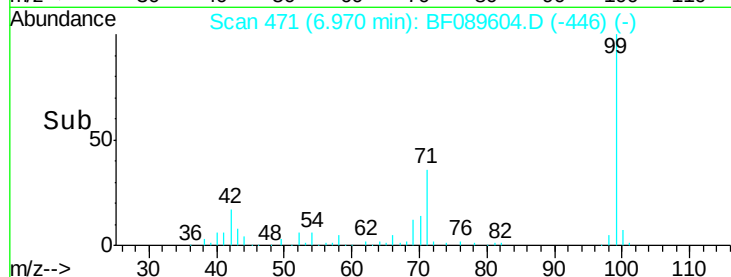
71 35.8 29.0 43.4



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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089604.D

Acq: 5 Aug 2016 00:11

Tgt Ion: 136 Resp: 174180

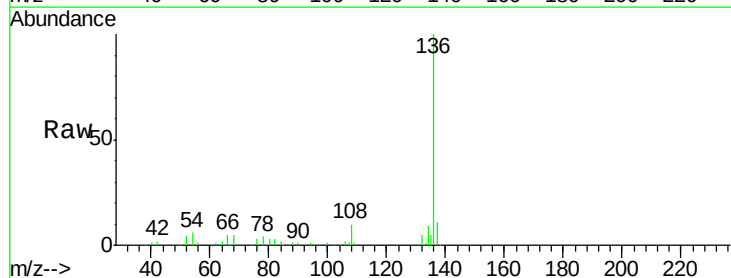
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.2 6.0 9.0

68 5.2 4.6 6.8

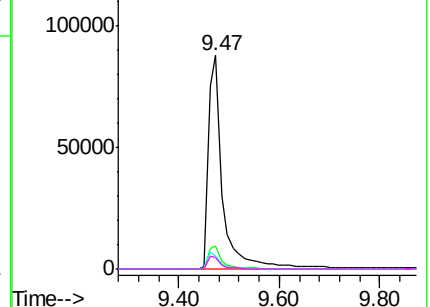
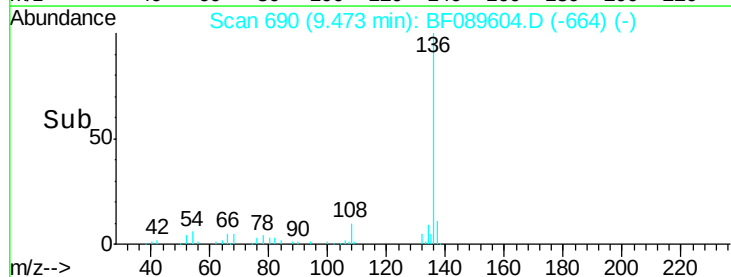


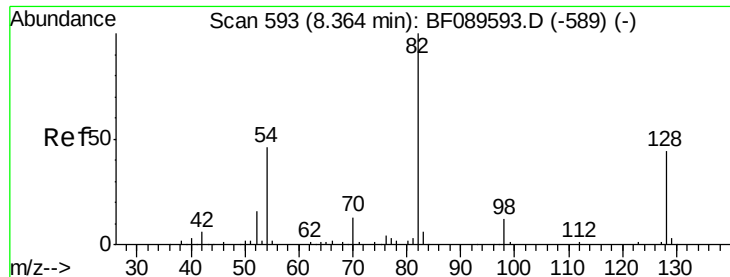
Abundance Ion 136.00 (135.70 to 136.70): E

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

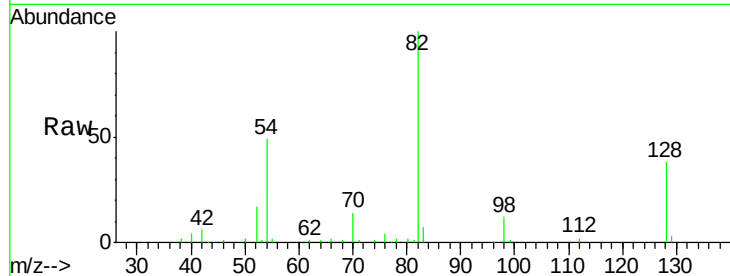




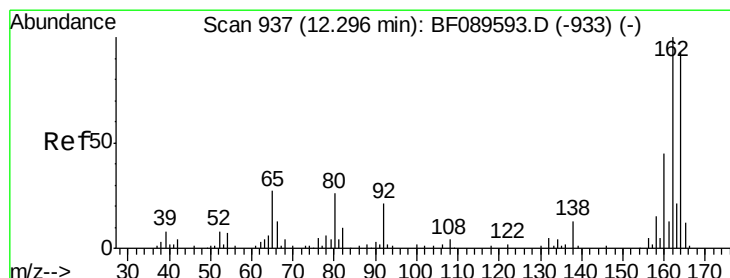
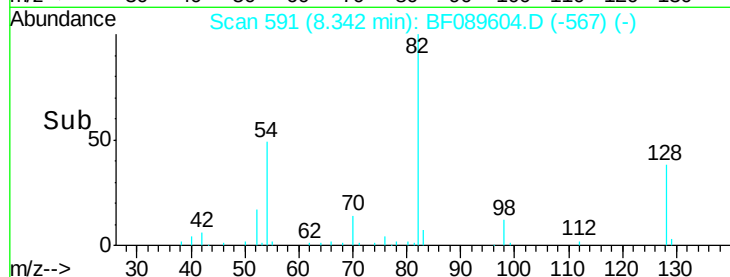
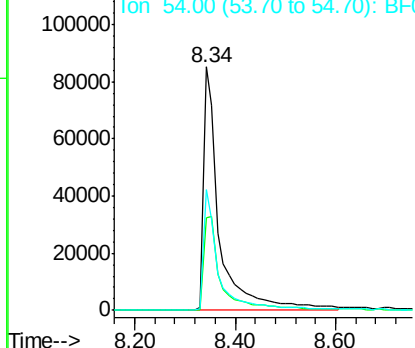
#23
 Nitrobenzene-d5
 Concen: 59.95 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

Instrument :
 BNA_F
 ClientSampled :
 PB92673TB

Tot Ion: 82 Resp: 188796
 Ion Ratio Lower Upper
 82 100
 128 38.1 35.4 53.0
 54 49.5 36.4 54.6

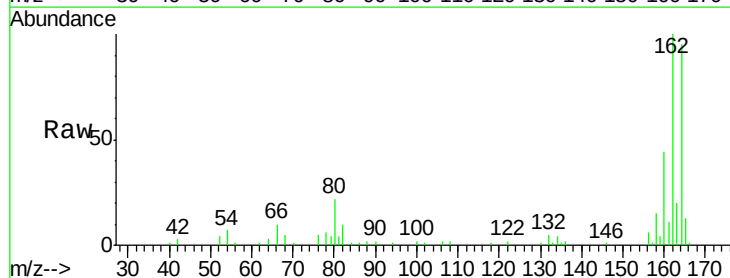


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

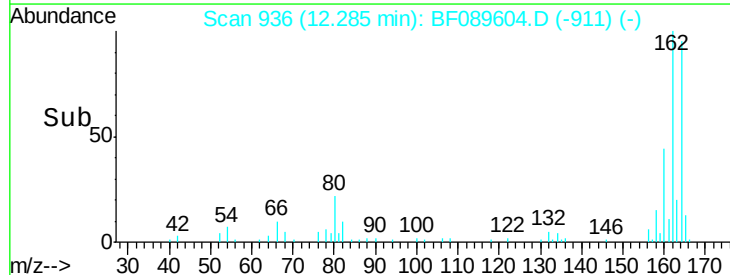
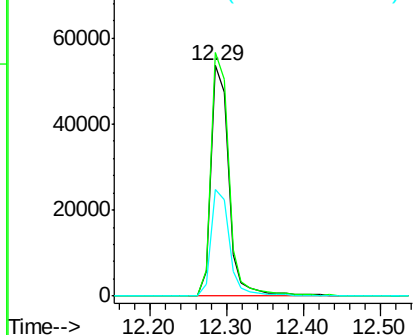


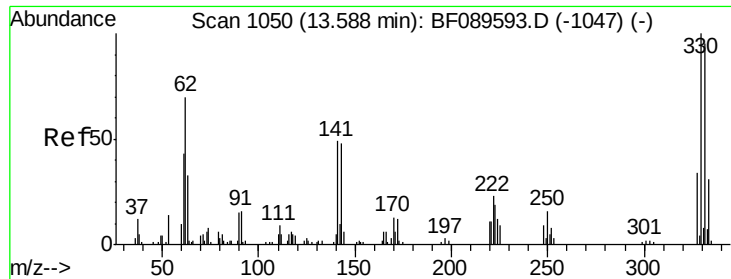
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

Tgt Ion: 164 Resp: 86293
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.7 128.5
 160 46.2 38.2 57.4



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

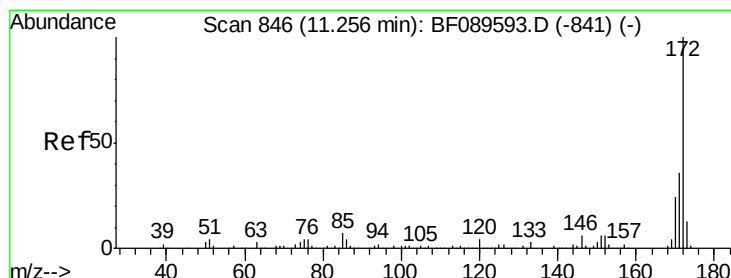
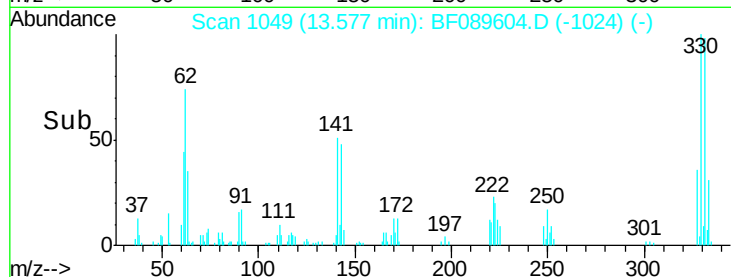
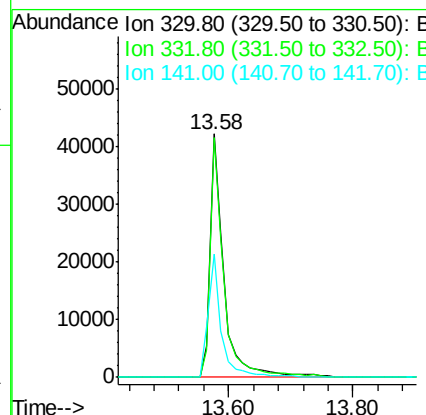
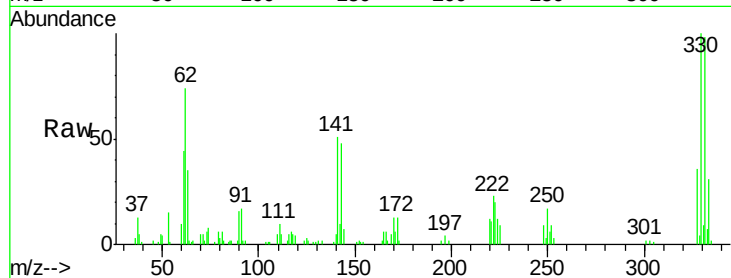




#41
 2,4,6-Tribromophenol
 Concen: 91.57 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

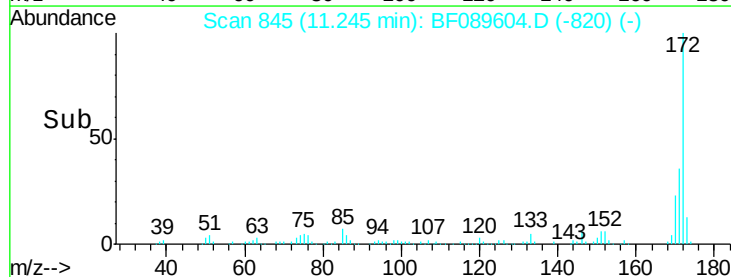
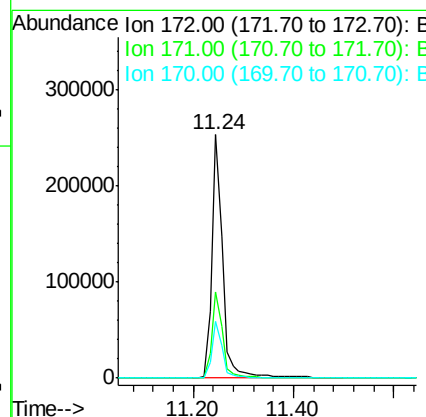
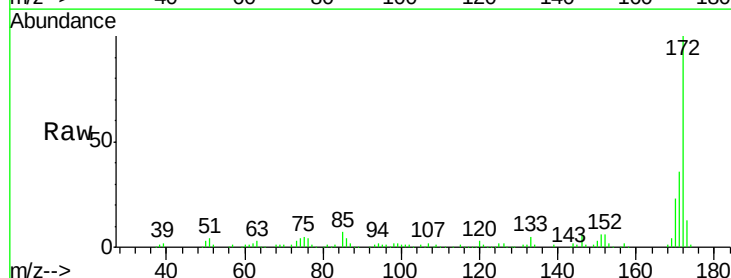
Instrument :
 BNA_F
 ClientSampleId :
 PB92673TB

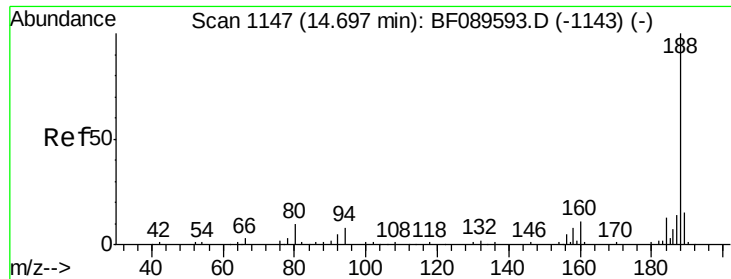
Tot Ion:330 Resp: 65206
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 49.2 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 57.36 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089604.D
 Acq: 5 Aug 2016 00:11

Tgt Ion:172 Resp: 380869
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.3 19.0 28.6

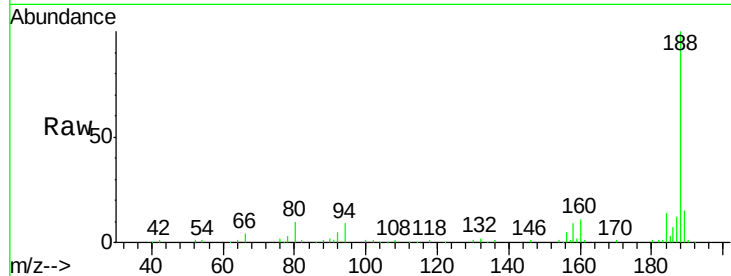




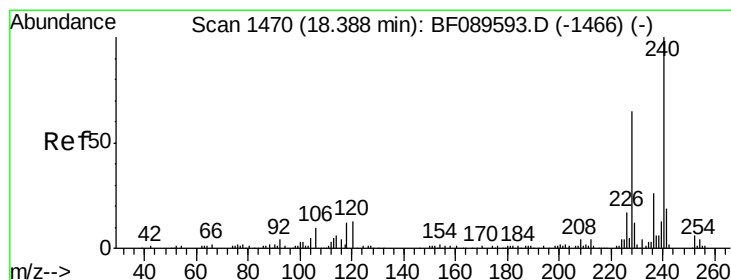
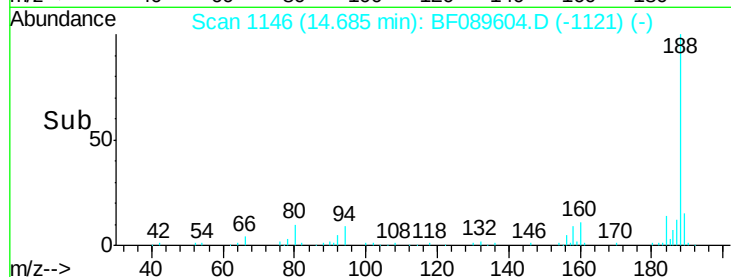
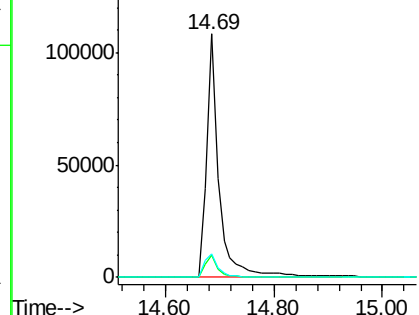
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampled :
PB92673TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.5	9.7
80	9.9	8.0	12.0

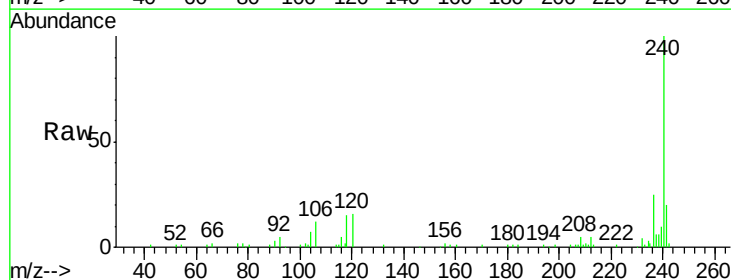


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

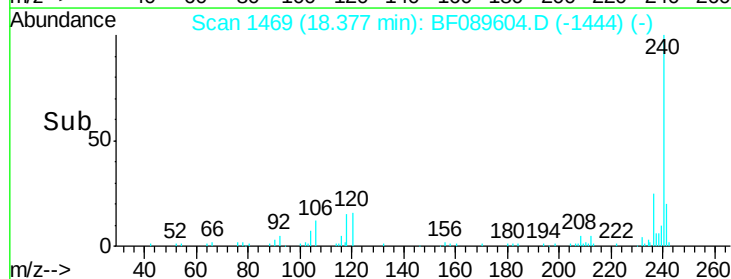
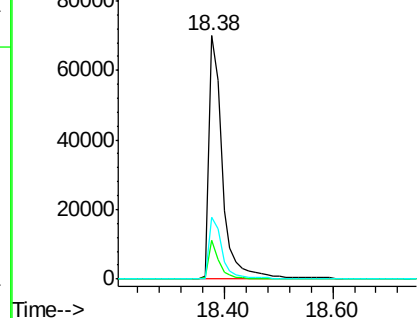


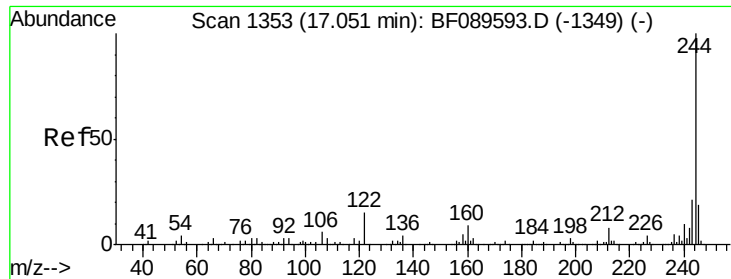
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	10.6	15.8#
236	25.3	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: 60.16 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089604.D

Acq: 5 Aug 2016 00:11

Instrument :

BNA_F

ClientSampleId :

PB92673TB

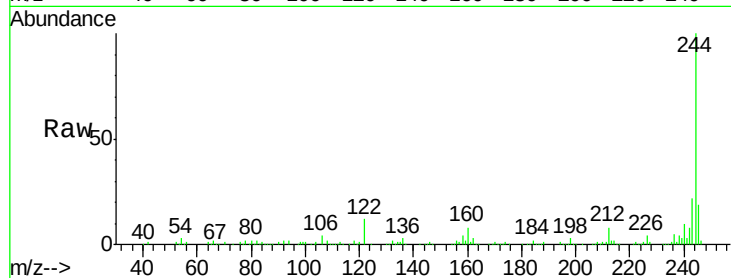
Tot Ion:244 Resp: 368895

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

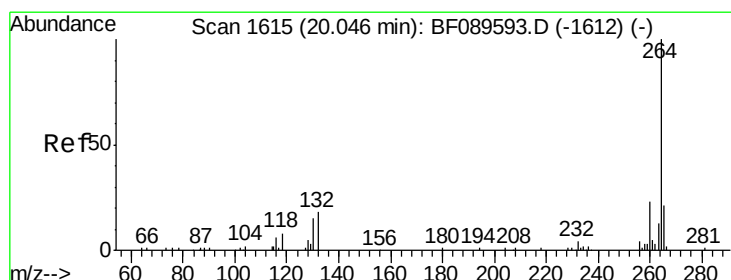
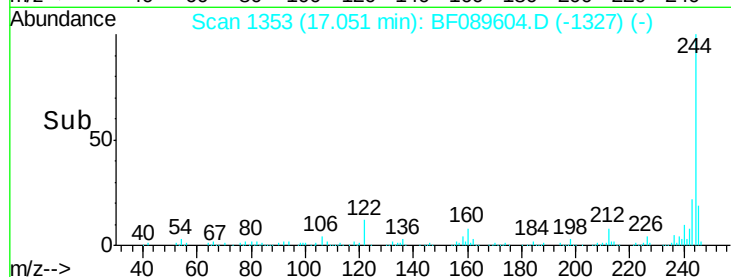
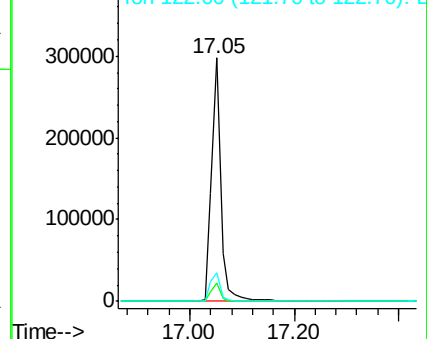
122 11.8 12.2 18.2#



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: 20.00 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089604.D

Acq: 5 Aug 2016 00:11

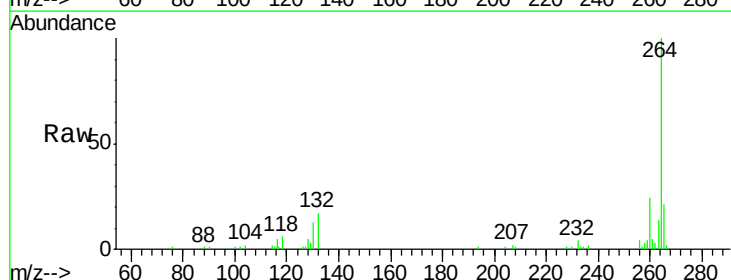
Tgt Ion:264 Resp: 90021

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.1 16.5 24.7



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

