

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090784.D
 Acq On : 23 Oct 2016 1:10
 Operator : UM/SJ
 Sample : H5357-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Quant Time: Oct 24 03:43:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	244962	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	984851	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	543509	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	825740	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	461231	20.00	ng	0.00
86) Perylene-d12	15.45	264	378141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1830161	120.49	ng	0.02
7) Phenol-d6	6.50	99	1882107	91.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	1530028	85.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	684846	159.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2662948	76.06	ng	-0.01
78) Terphenyl-d14	12.97	244	2228174	110.72	ng	0.00

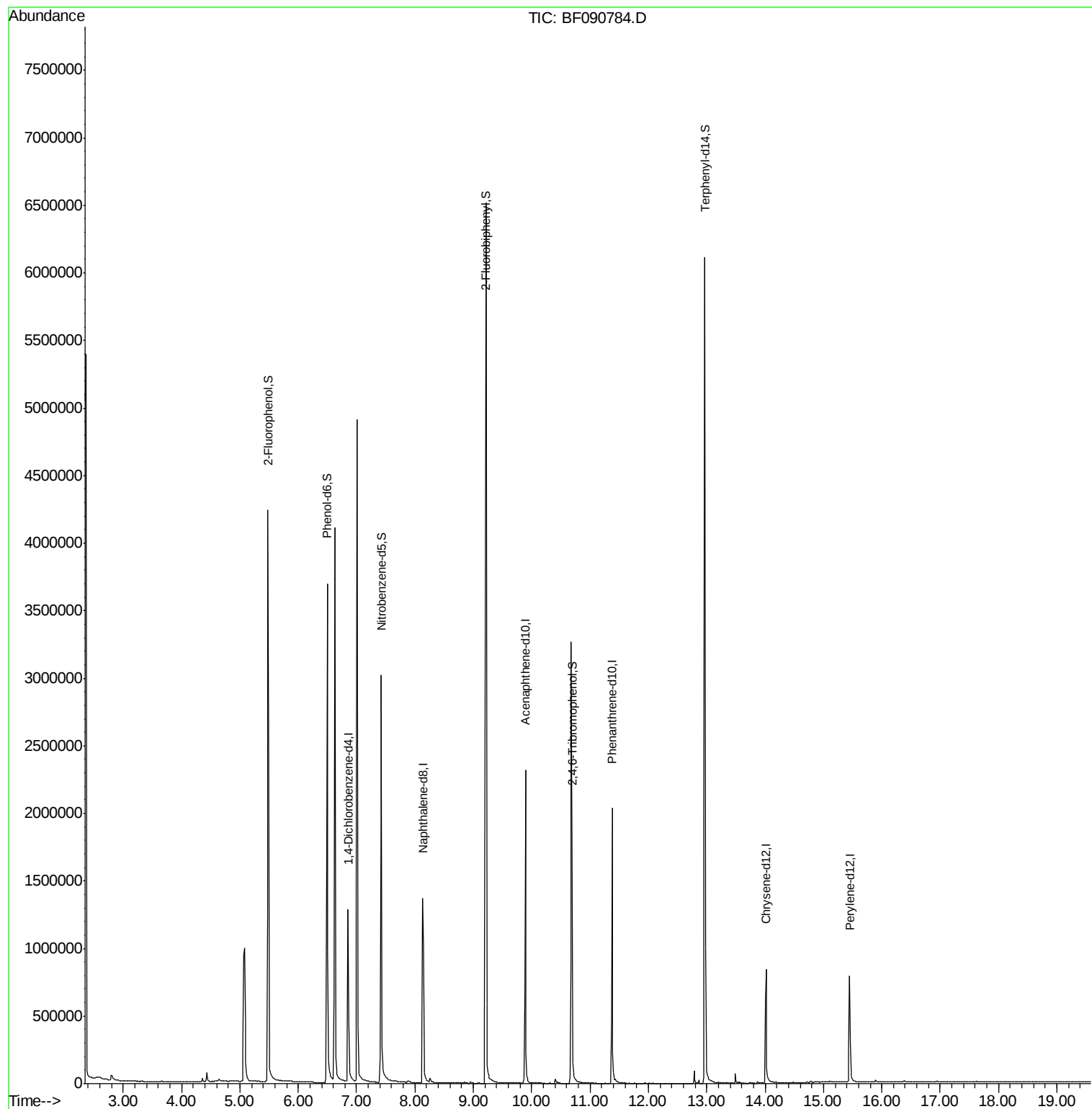
Target Compounds Qvalue

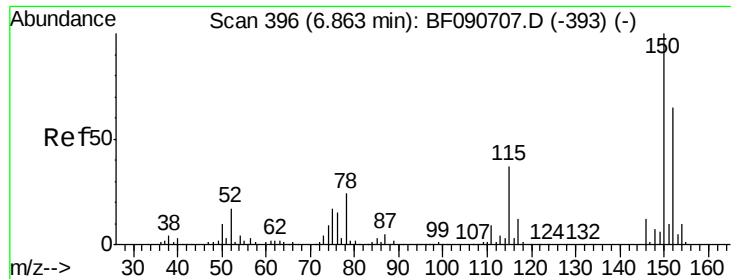
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090784.D
Acq On : 23 Oct 2016 1:10
Operator : UM/SJ
Sample : H5357-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Quant Time: Oct 24 03:43:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration



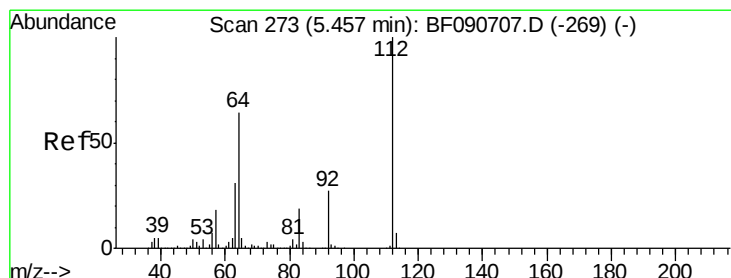
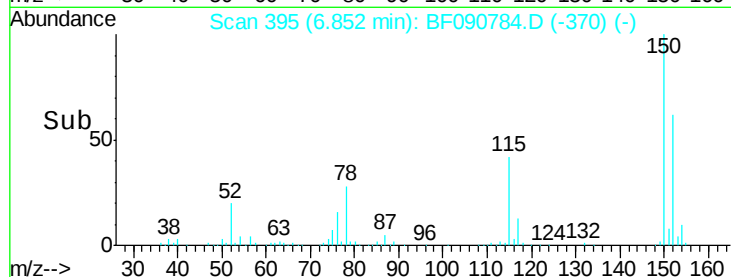
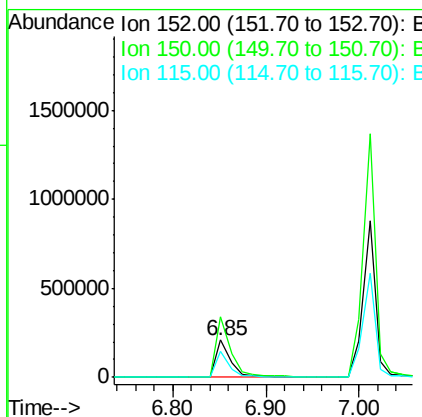
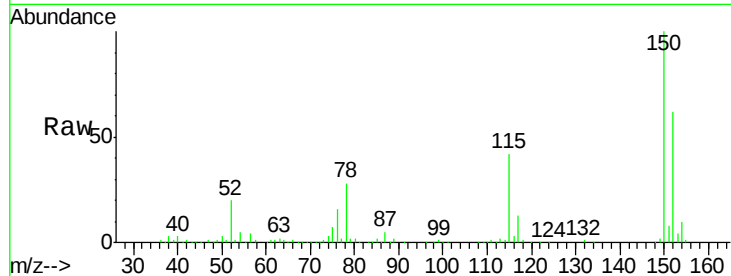


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

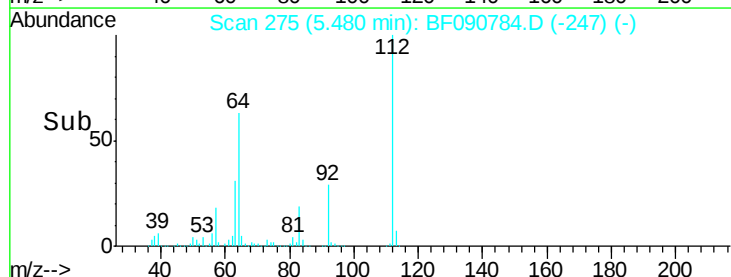
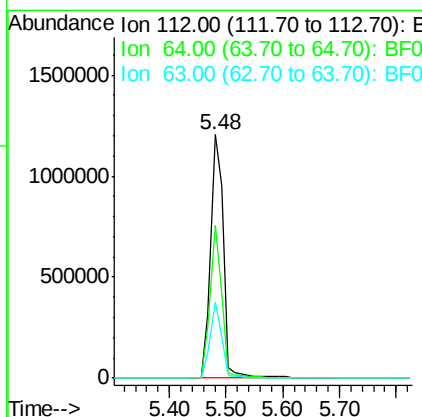
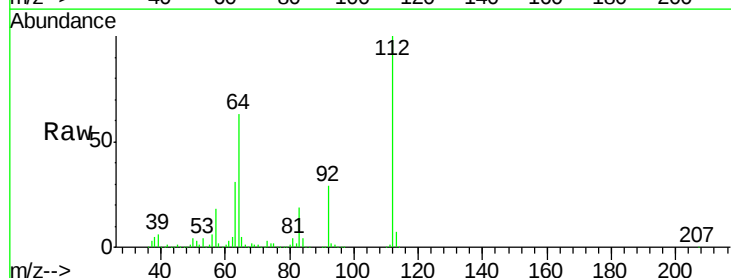
Tot Ion:152 Resp: 244962
Ion Ratio Lower Upper
152 100
150 161.8 124.7 187.1
115 68.3 39.0 58.4#



#5

2-Fluorophenol
Concen: 120.49 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:112 Resp: 1830161
Ion Ratio Lower Upper
112 100
64 62.7 39.7 59.5#
63 31.1 17.4 26.0#





#7

Phenol-d6

Concen: 91.48 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090784.D

Acq: 23 Oct 2016 1:10

Instrument :

BNA_F

ClientSampleId :

IDW-Z5-B545-161019

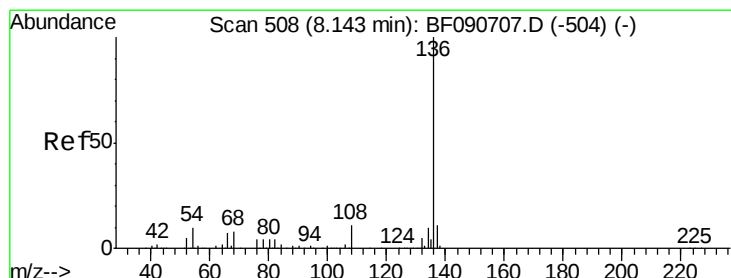
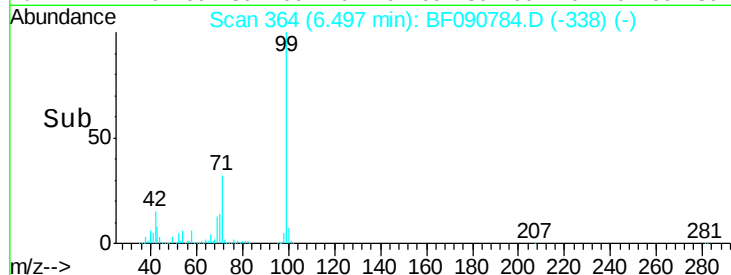
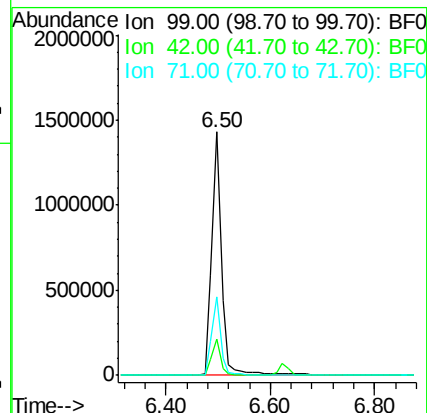
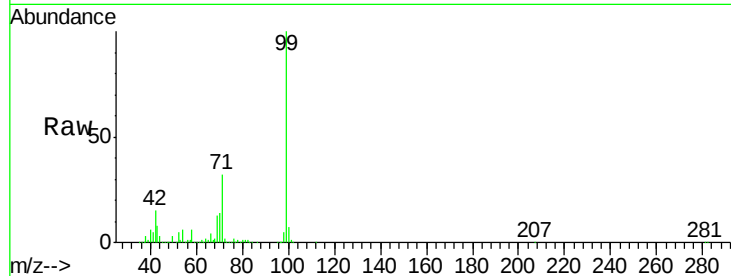
Tot Ion: 99 Resp: 1882107

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

71 32.4 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090784.D

Acq: 23 Oct 2016 1:10

Tgt Ion: 136 Resp: 984851

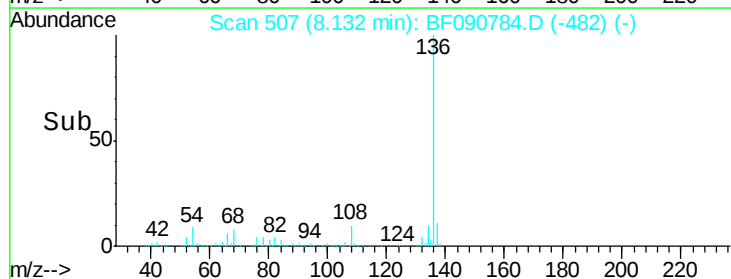
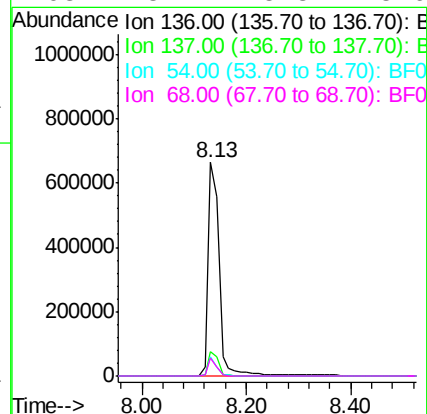
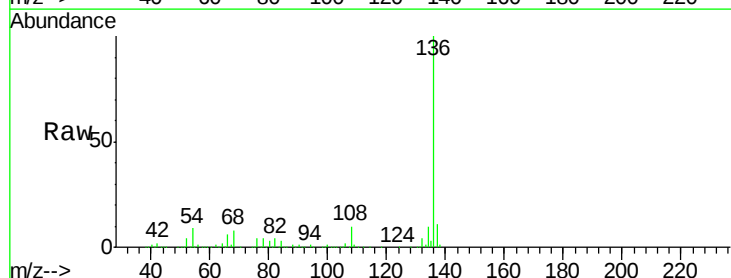
Ion Ratio Lower Upper

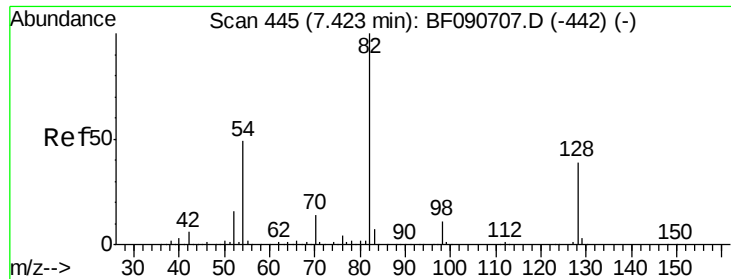
136 100

137 11.4 9.0 13.6

54 8.8 8.2 12.2

68 8.1 5.8 8.6

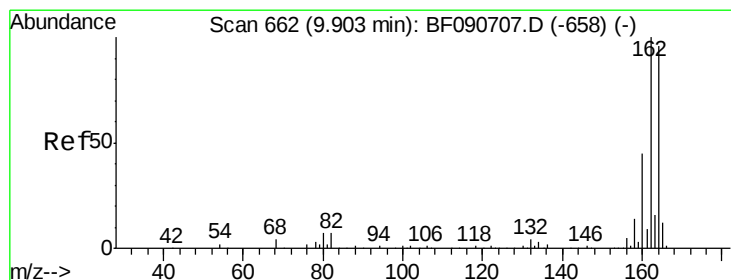
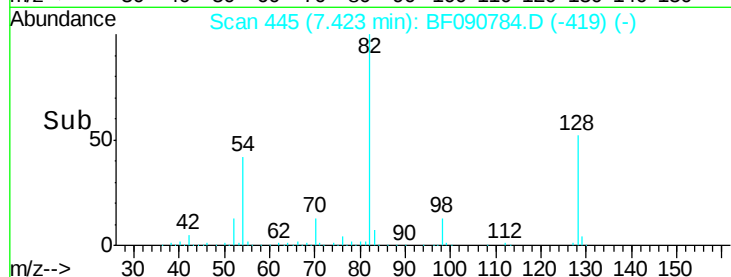
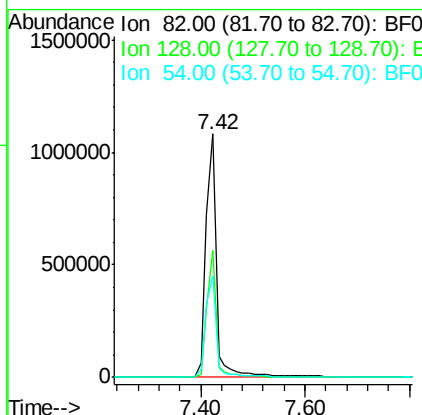
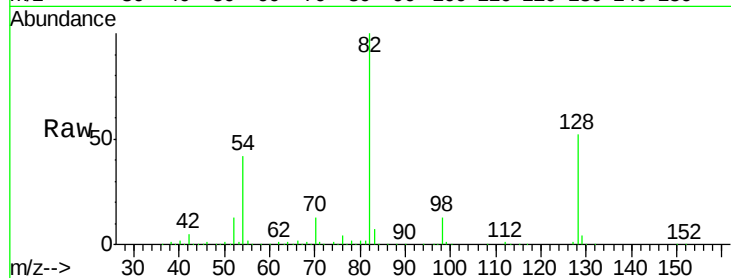




#23
 Nitrobenzene-d5
 Concen: 85.21 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

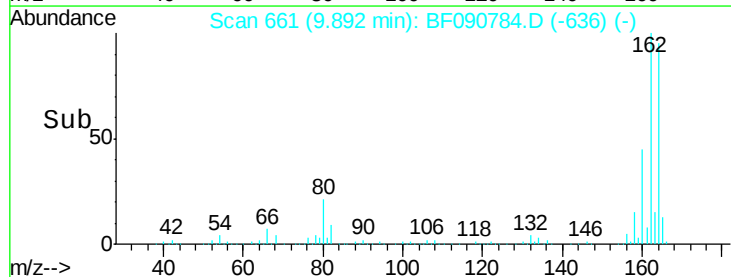
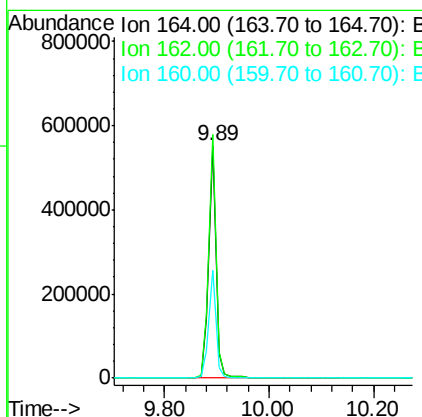
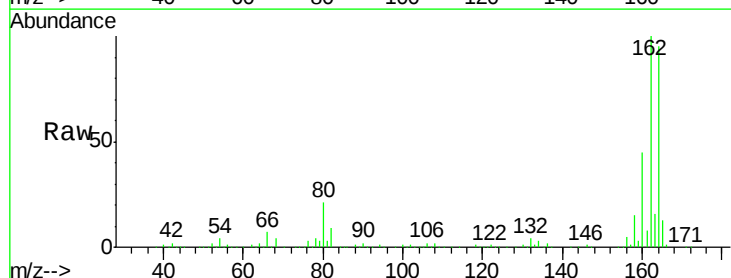
Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

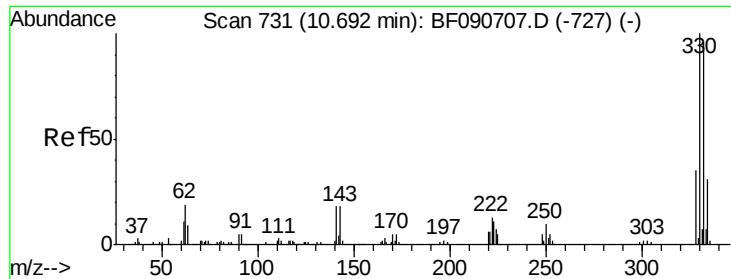
Tot Ion: 82 Resp: 1530028
 Ion Ratio Lower Upper
 82 100
 128 52.4 51.0 76.6
 54 41.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

Tgt Ion:164 Resp: 543509
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 46.7 31.5 47.3

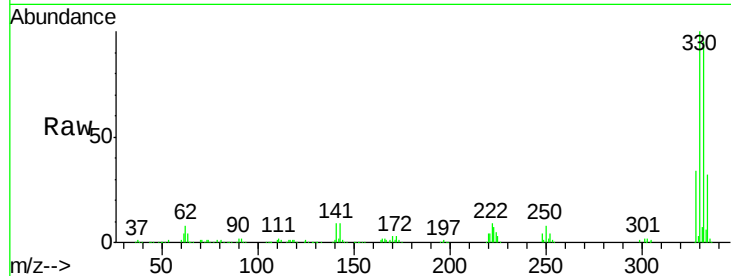




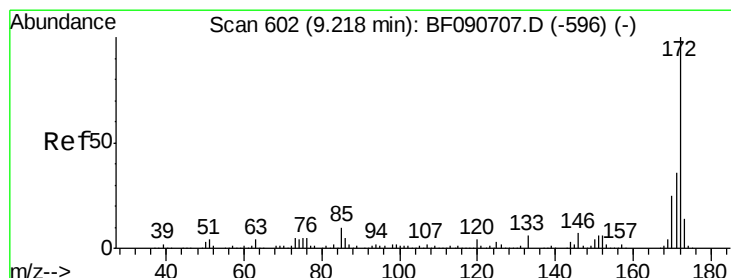
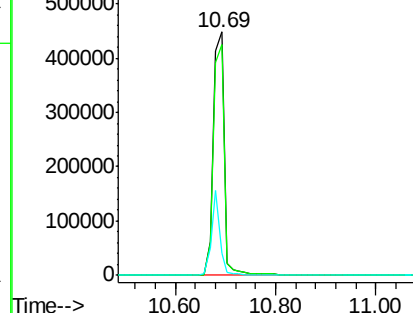
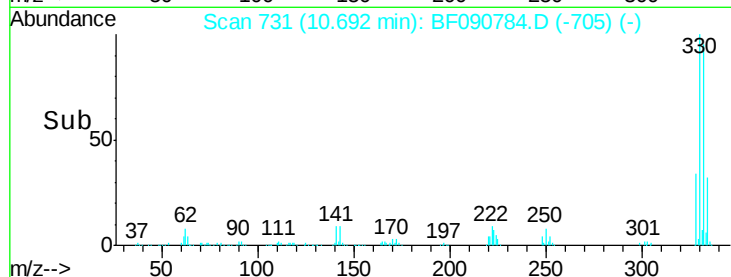
#41
 2,4,6-Tribromophenol
 Concen: 159.20 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Tot Ion:330 Resp: 684846
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 27.6 29.7 44.5#

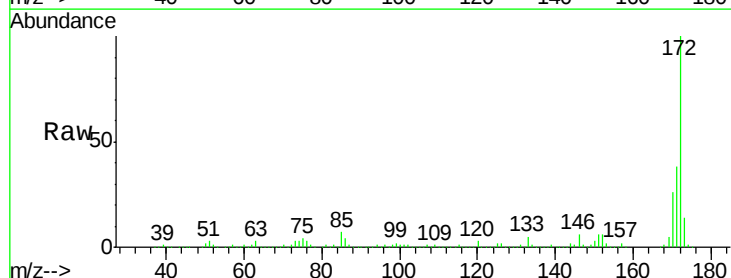


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

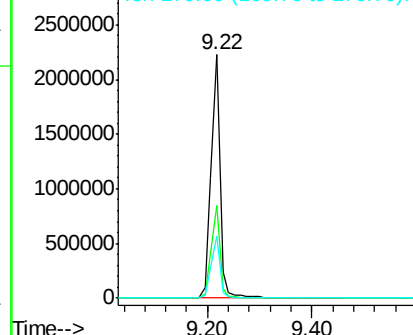
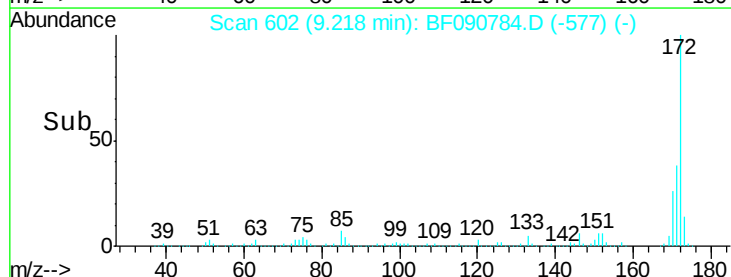


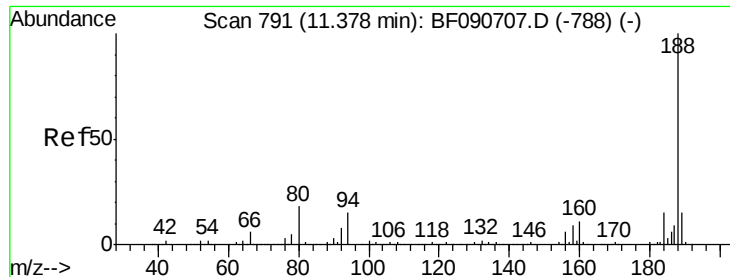
#44
 2-Fluorobiphenyl
 Concen: 76.06 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

Tgt Ion:172 Resp: 2662948
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 25.7 17.4 26.2



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

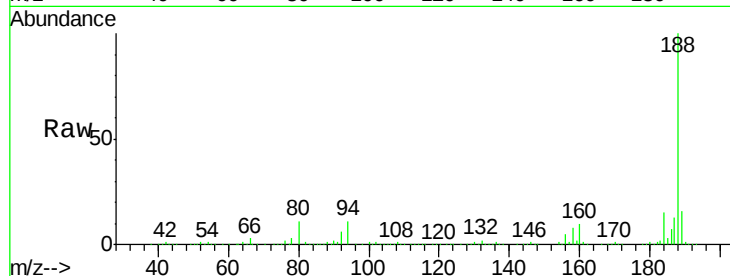




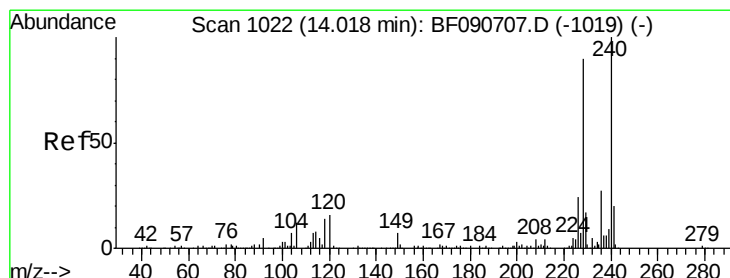
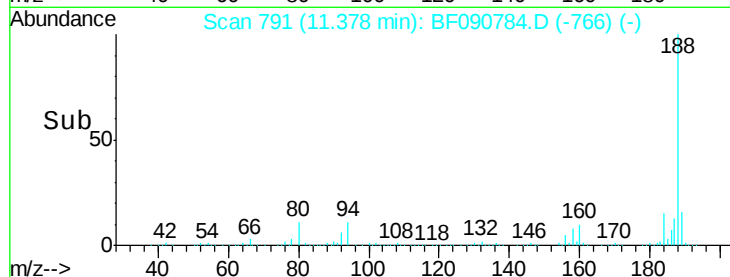
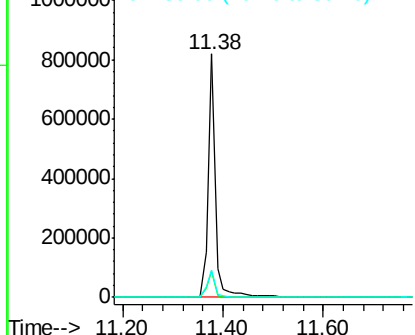
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Instrument :
BNA_F
ClientSampleId :
IDW-Z5-B545-161019

Tot Ion:188 Resp: 825740
Ion Ratio Lower Upper
188 100
94 10.6 11.1 16.7#
80 11.3 11.0 16.4

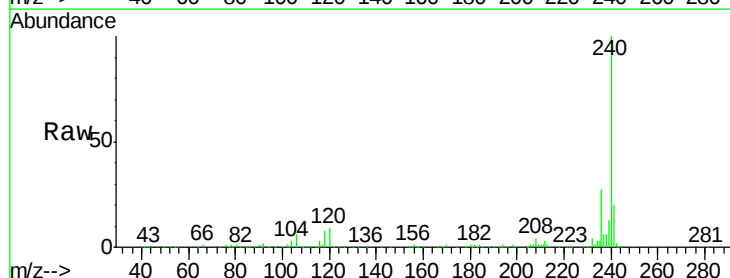


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

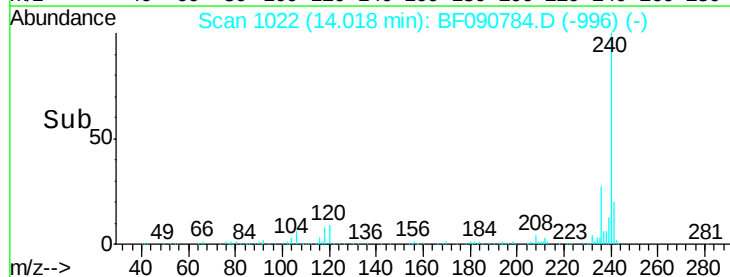
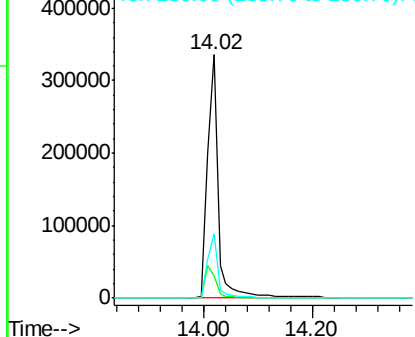


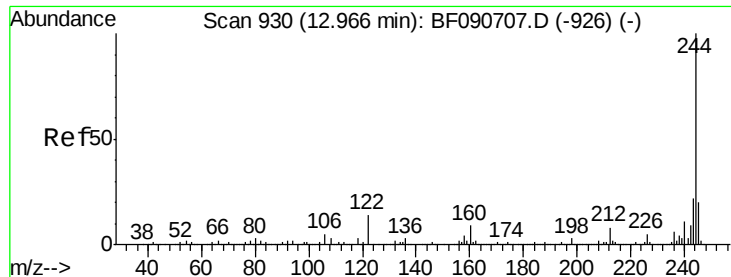
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090784.D
Acq: 23 Oct 2016 1:10

Tgt Ion:240 Resp: 461231
Ion Ratio Lower Upper
240 100
120 9.1 16.2 24.2#
236 26.7 18.4 27.6



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

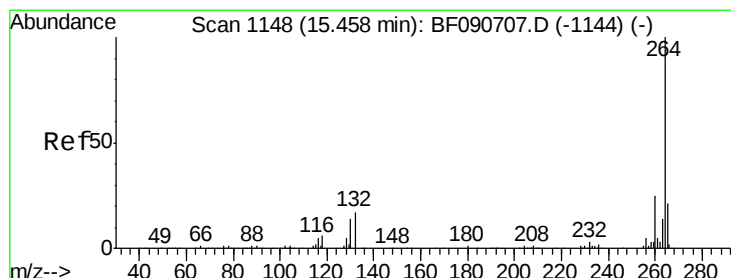
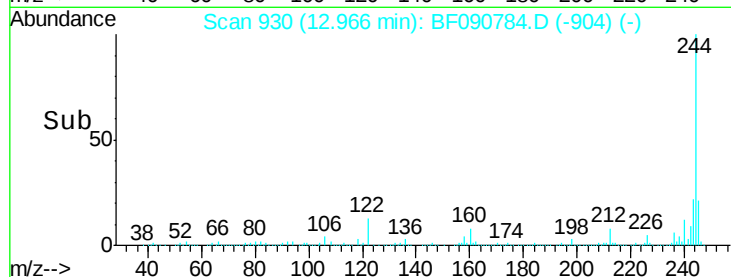
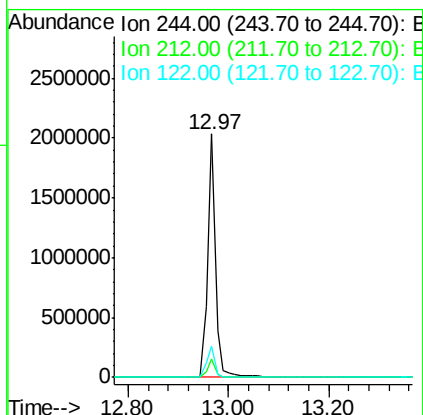
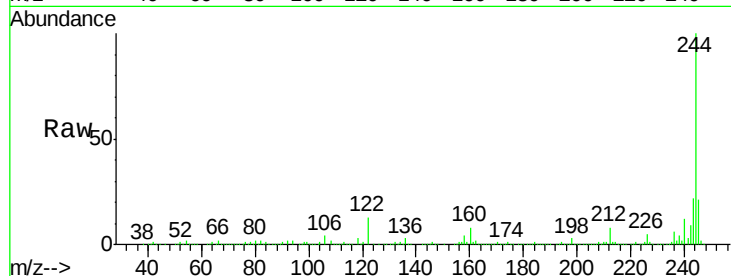




#78
 Terphenyl-d14
 Concen: 110.72 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z5-B545-161019

Tot Ion:244 Resp: 2228174
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090784.D
 Acq: 23 Oct 2016 1:10

Tgt Ion:264 Resp: 378141
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.5 17.2 25.8

