

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090783.D
 Acq On : 23 Oct 2016 00:43
 Operator : UM/SJ
 Sample : H5357-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z2-B545-161019

Quant Time: Oct 24 03:41:51 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	261205	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	996823	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	543924	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	839514	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	455338	20.00	ng	0.00
86) Perylene-d12	15.45	264	392163	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1779743	109.89	ng	0.03
7) Phenol-d6	6.50	99	1938859	88.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	1544647	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	677026	157.26	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2665959	76.09	ng	-0.01
78) Terphenyl-d14	12.97	244	2212630	111.37	ng	0.00

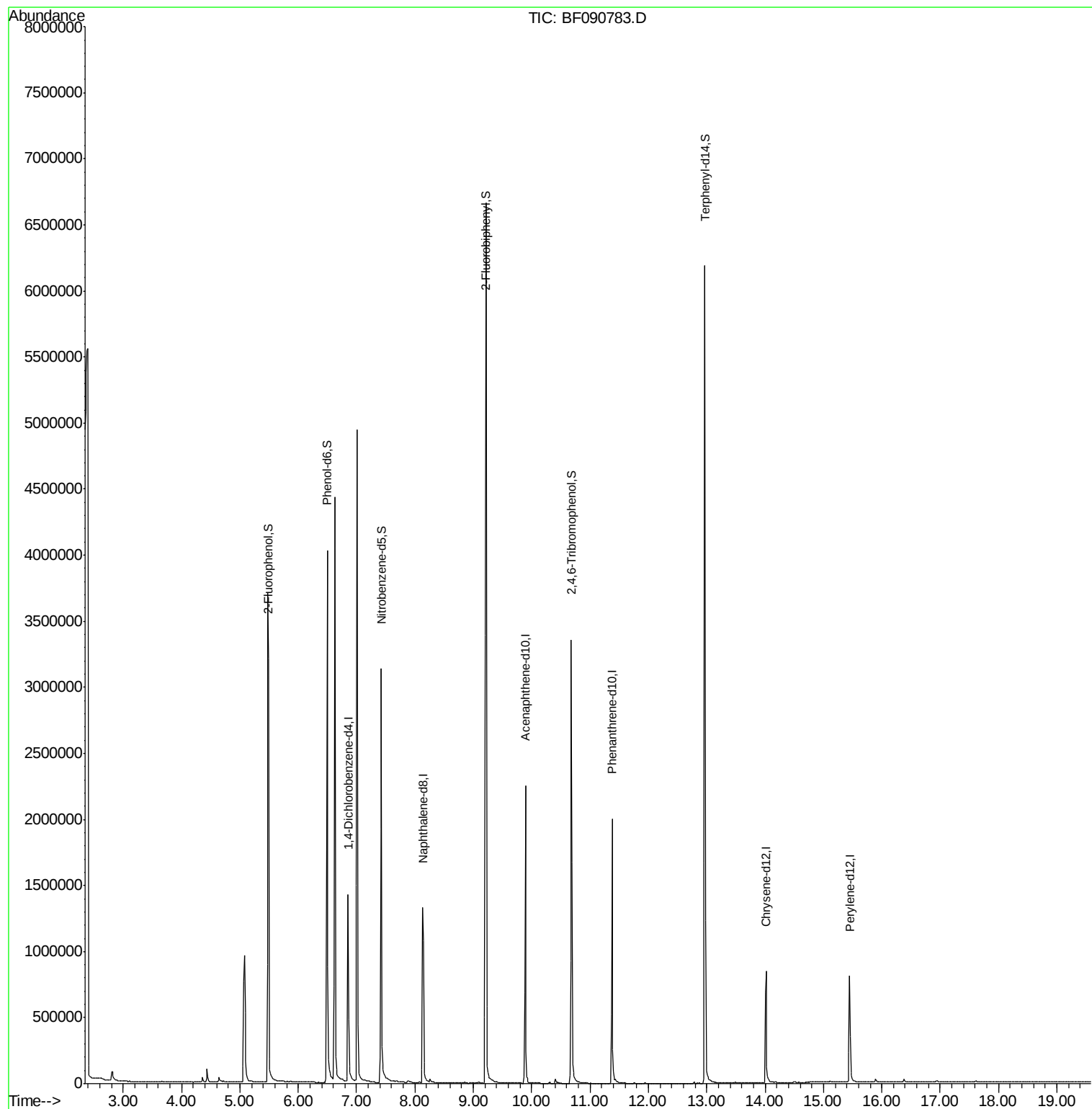
Target Compounds Qvalue

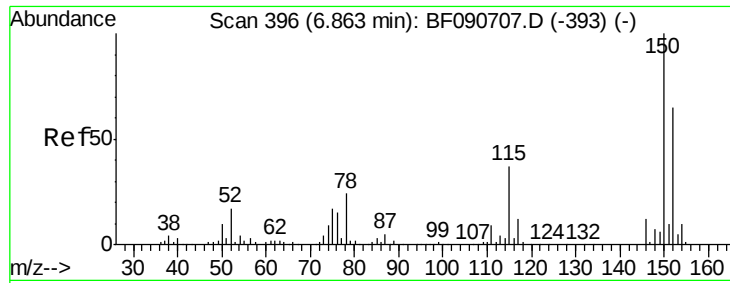
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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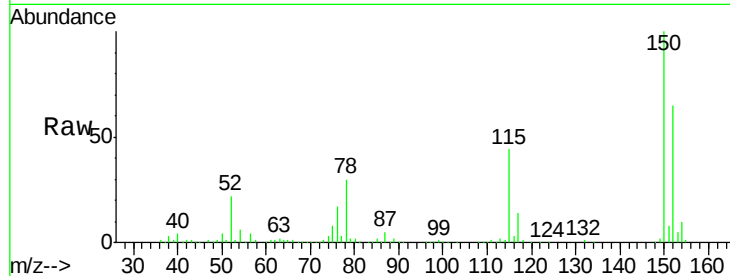


#1

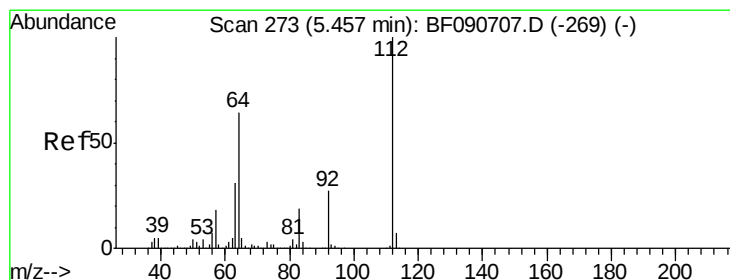
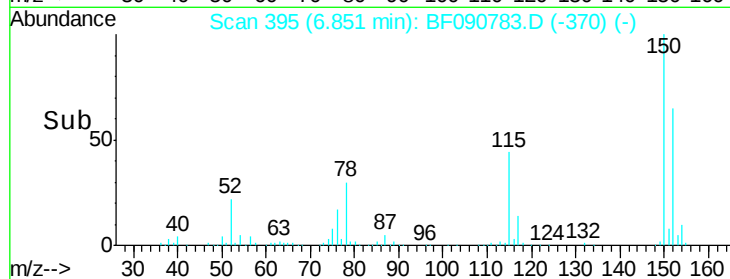
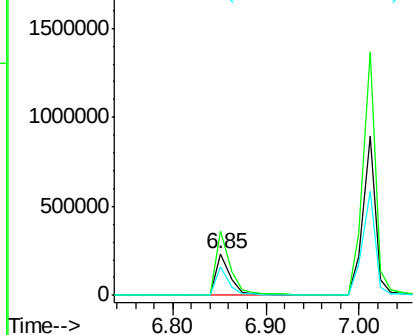
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090783.D
Acq: 23 Oct 2016 00:43

Instrument :
BNA_F
ClientSampleId :
IDW-Z2-B545-161019

Tot Ion:152 Resp: 261205
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 67.4 39.0 58.4#



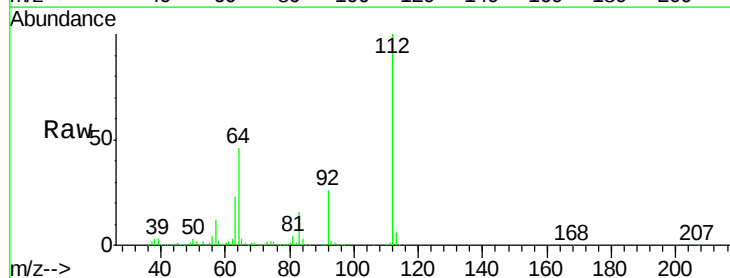
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



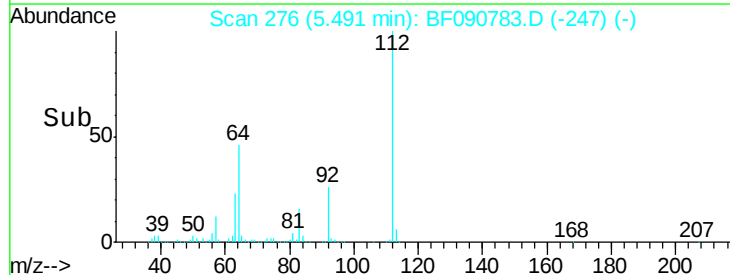
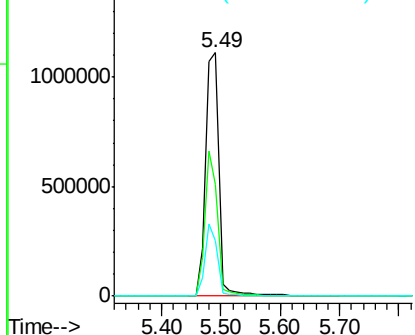
#5

2-Fluorophenol
Concen: 109.89 ng
RT: 5.49 min Scan# 276
Delta R.T. 0.03 min
Lab File: BF090783.D
Acq: 23 Oct 2016 00:43

Tgt Ion:112 Resp: 1779743
Ion Ratio Lower Upper
112 100
64 46.0 39.7 59.5
63 22.7 17.4 26.0



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: 88.38 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090783.D

Acq: 23 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

IDW-Z2-B545-161019

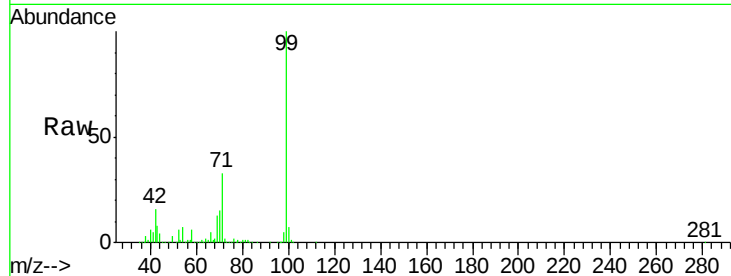
Tot Ion: 99 Resp: 1938859

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

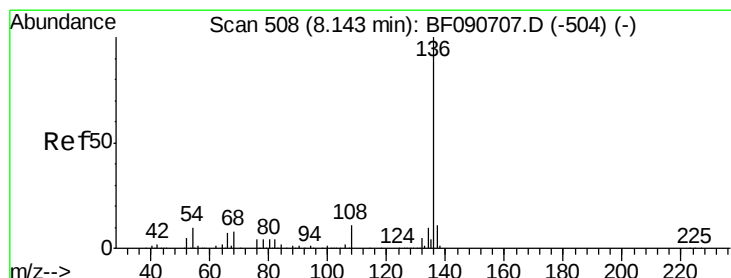
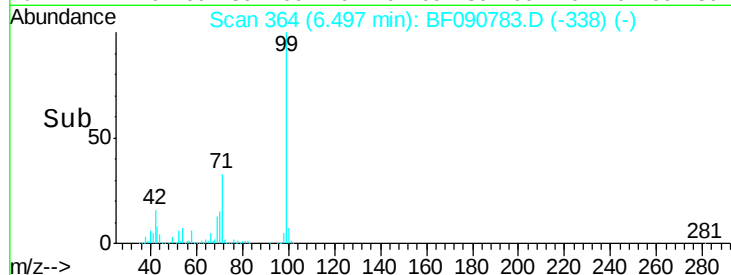
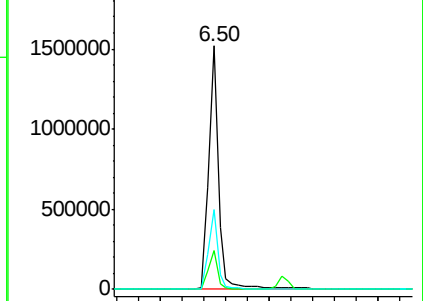
71 32.8 14.2 21.2#



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: 8.13 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090783.D

Acq: 23 Oct 2016 00:43

Tgt Ion: 136 Resp: 996823

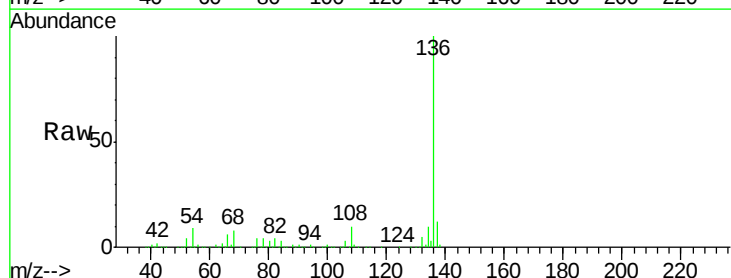
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 8.9 8.2 12.2

68 8.0 5.8 8.6

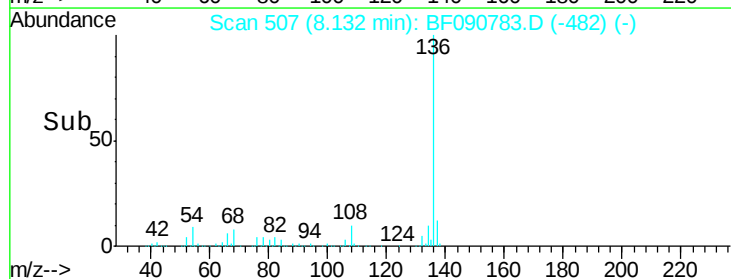
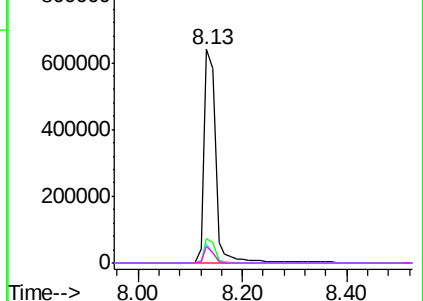


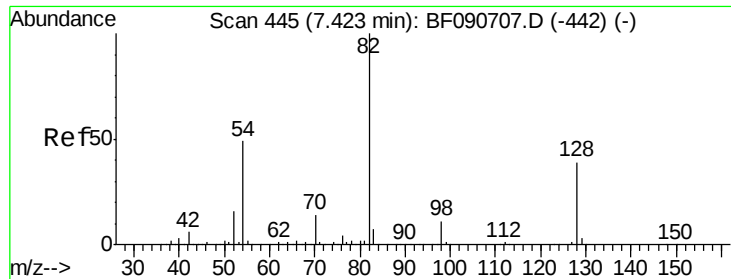
Abundance Ion 136.00 (135.70 to 136.70): E

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

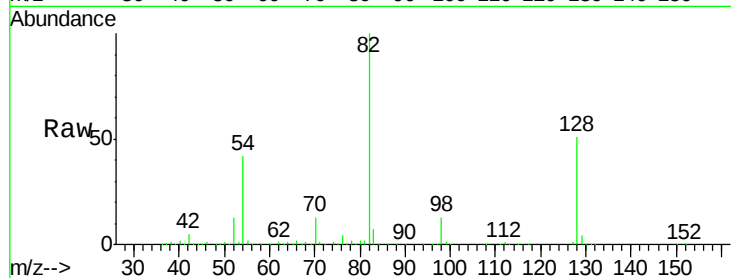




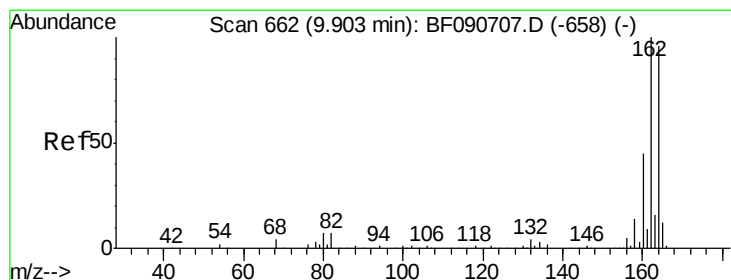
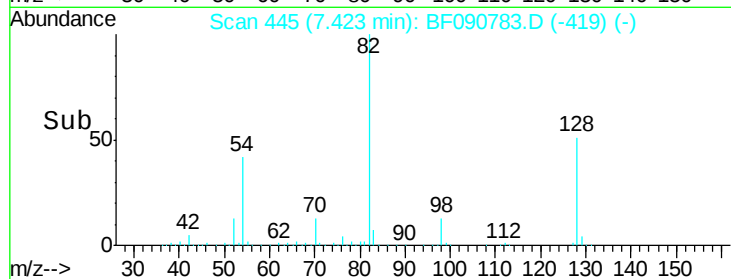
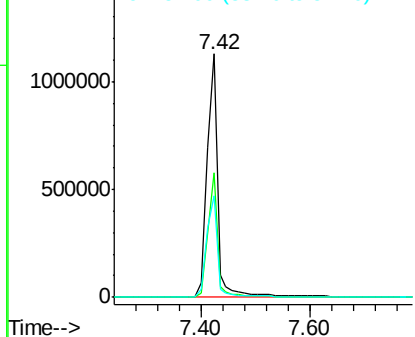
#23
 Nitrobenzene-d5
 Concen: 84.99 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090783.D
 Acq: 23 Oct 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z2-B545-161019

Tot Ion: 82 Resp: 1544647
 Ion Ratio Lower Upper
 82 100
 128 51.2 51.0 76.6
 54 41.6 47.5 71.3#

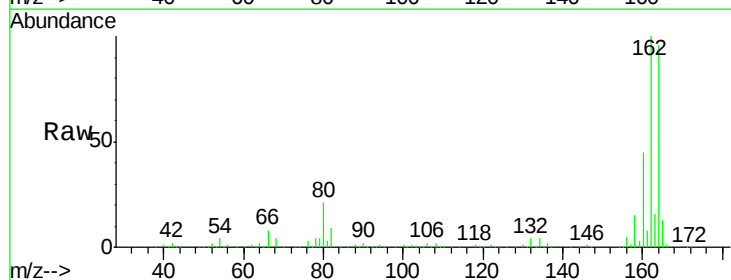


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

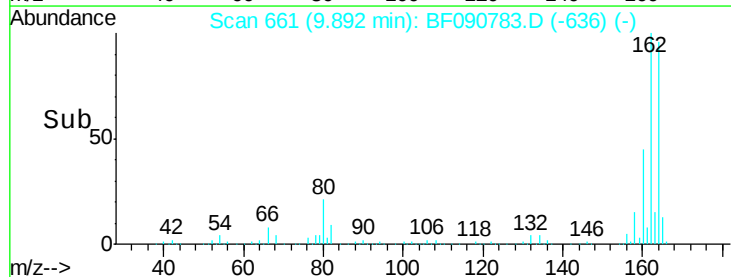
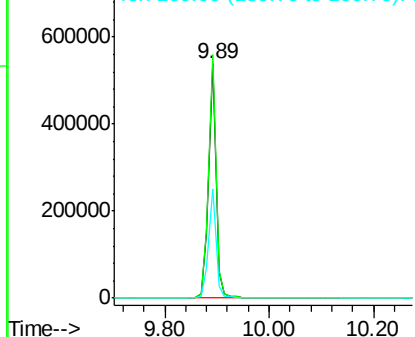


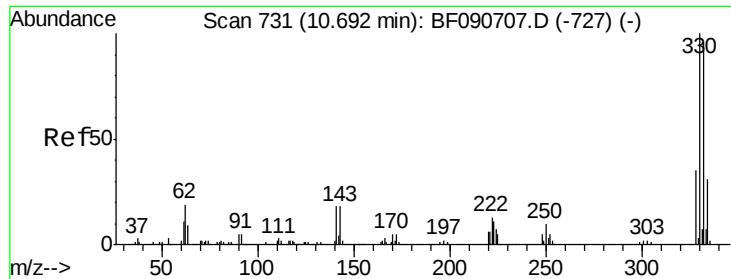
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090783.D
 Acq: 23 Oct 2016 00:43

Tgt Ion:164 Resp: 543924
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 46.8 31.5 47.3



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

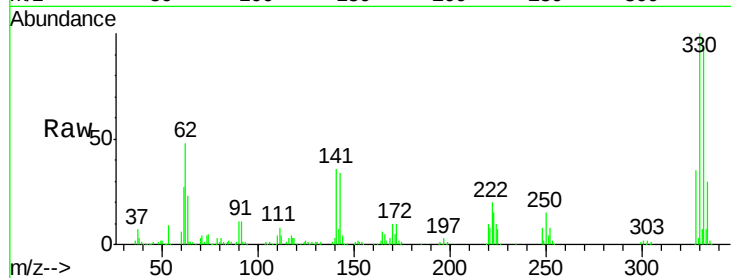




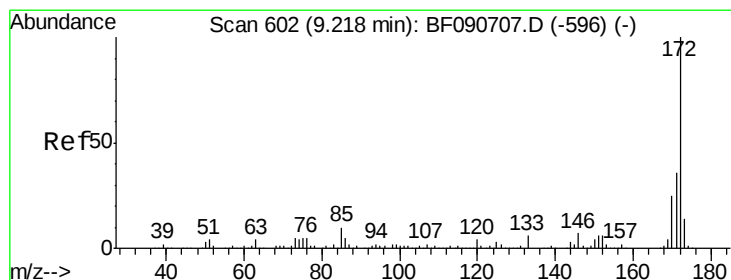
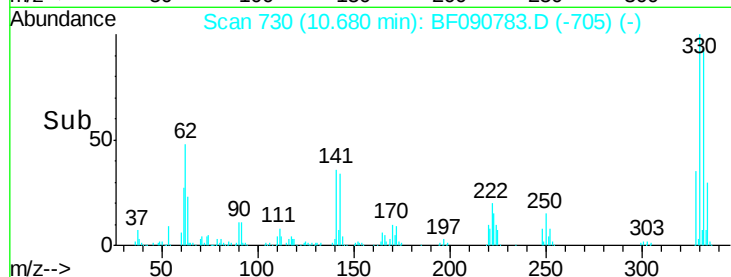
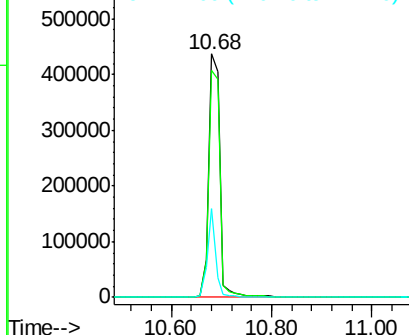
#41
 2,4,6-Tribromophenol
 Concen: 157.26 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090783.D
 Acq: 23 Oct 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z2-B545-161019

Tot Ion:330 Resp: 677026
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 27.9 29.7 44.5#

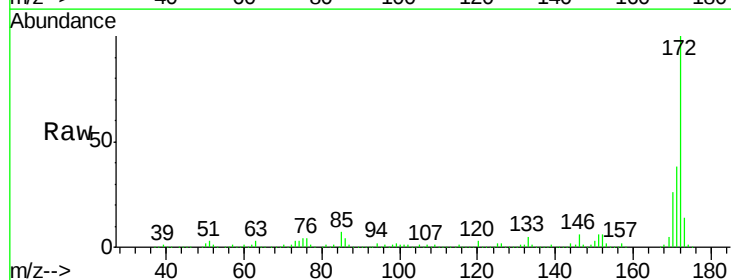


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

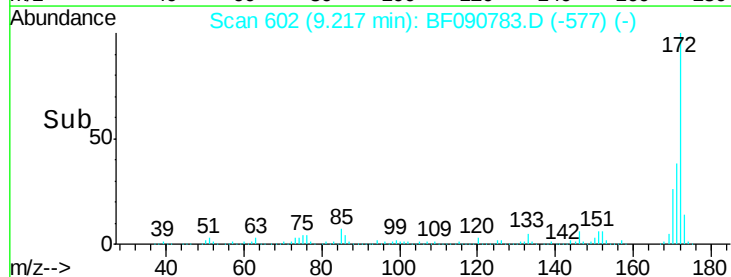
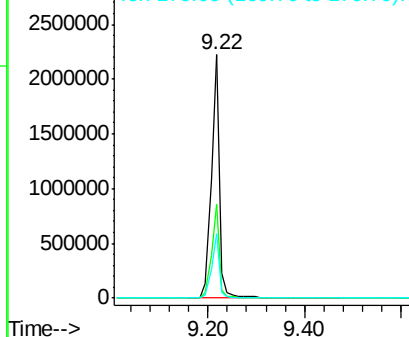


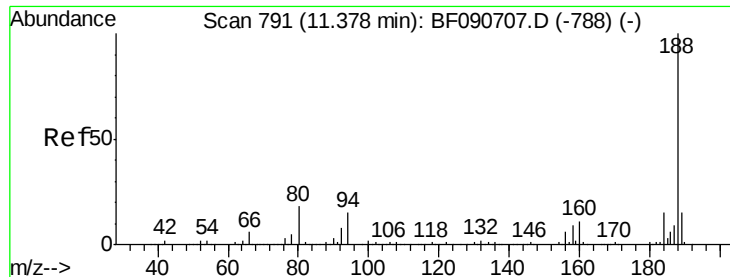
#44
 2-Fluorobiphenyl
 Concen: 76.09 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090783.D
 Acq: 23 Oct 2016 00:43

Tgt Ion:172 Resp: 2665959
 Ion Ratio Lower Upper
 172 100
 171 38.3 26.1 39.1
 170 26.4 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

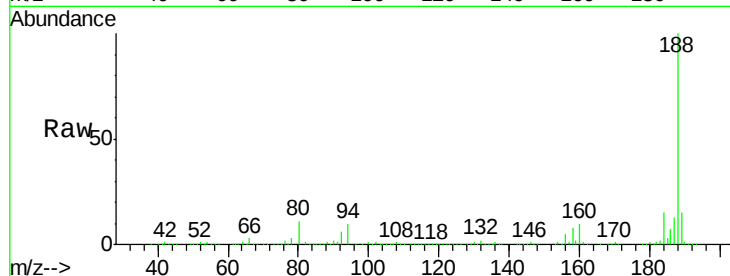




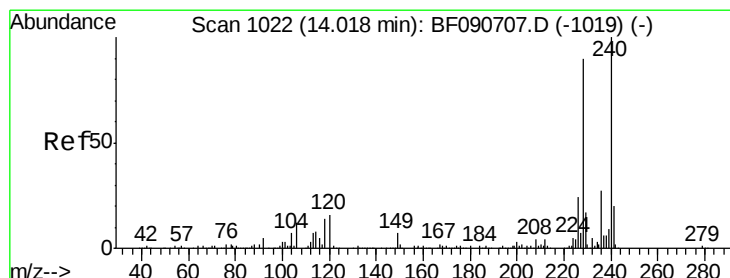
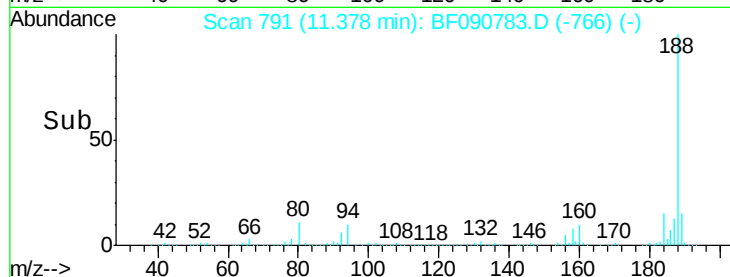
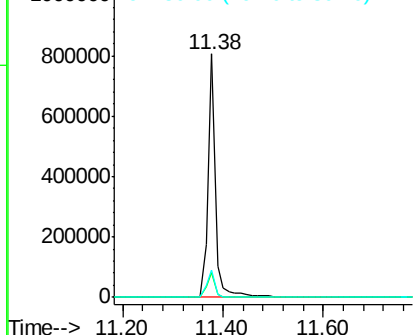
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090783.D
Acq: 23 Oct 2016 00:43

Instrument :
BNA_F
ClientSampleId :
IDW-Z2-B545-161019

Tot Ion:188 Resp: 839514
Ion Ratio Lower Upper
188 100
94 10.2 11.1 16.7#
80 11.2 11.0 16.4

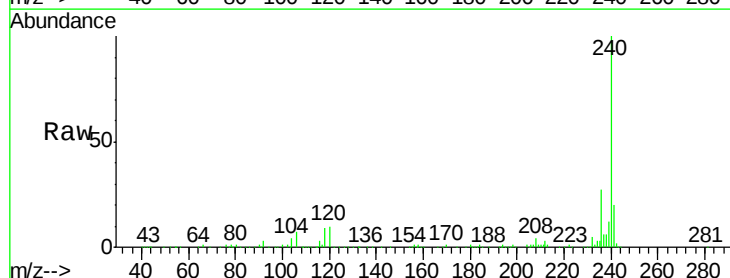


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

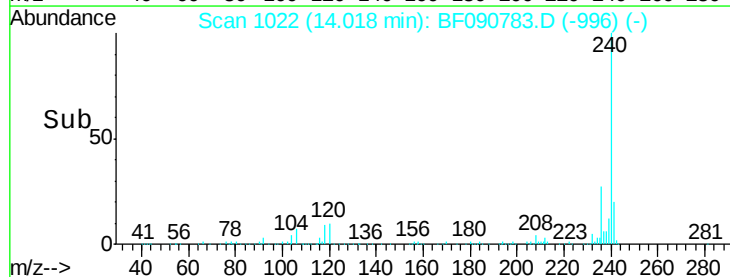
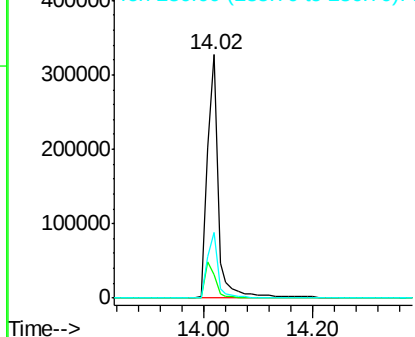


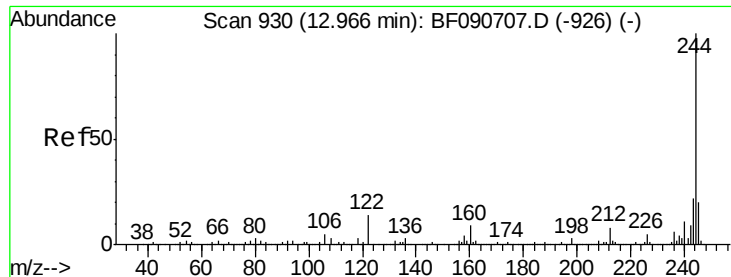
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090783.D
Acq: 23 Oct 2016 00:43

Tgt Ion:240 Resp: 455338
Ion Ratio Lower Upper
240 100
120 9.8 16.2 24.2#
236 27.0 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

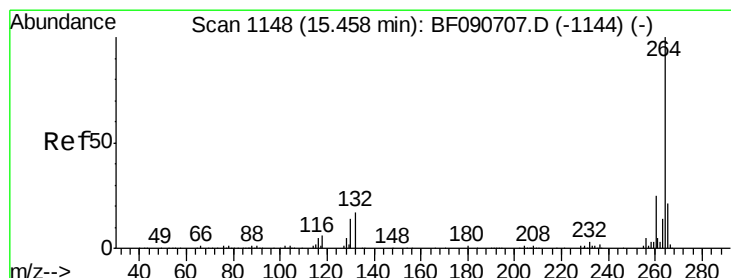
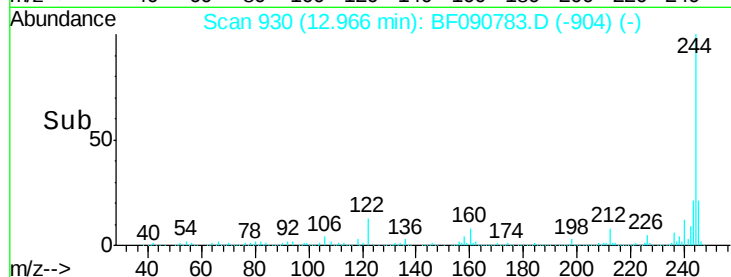
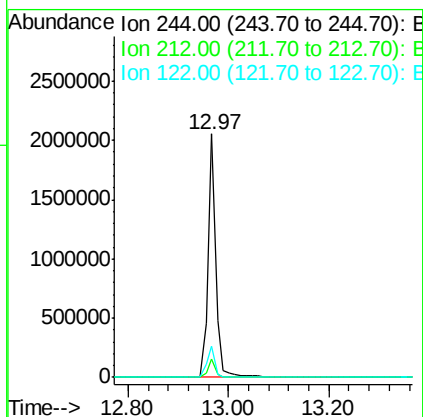
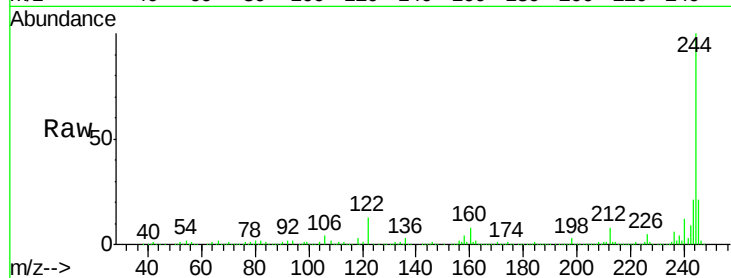




#78
 Terphenyl-d14
 Concen: 111.37 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090783.D
 Acq: 23 Oct 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 IDW-Z2-B545-161019

Tot Ion:244 Resp: 2212630
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 13.1 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: BF090783.D
 Acq: 23 Oct 2016 00:43

Tgt Ion:264 Resp: 392163
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.2 17.2 25.8

